

Band II

Untersuchungen
zur Satzlänge
in russischen und slowenischen
Prosatexten

Diplomarbeit
zur Erlangung des Magistergrades
an der geisteswissenschaftlichen Fakultät
der Karl-Franzens-Universität Graz

vorgelegt von
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Graz, 2002

Band II

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Einleitung

Im Band II sind alle Daten der analysierten Texte in Tabellenform zusammengefasst. Folgende Informationen können aus den Tabellen abgelesen werden:

a.) Input data: Die Textdateien enthalten den Titel des Werkes in Kurzform: z.B. die Datei zapiski_1er.dat enthält die Häufigkeitsverteilung des Textes "Zapiski sumasšedšego" von N.V. Gogol'. Die nach dem Unterstrich angeführte Zahl in der Form "1er, 2er ... 5er" stellt die Zusammenfassung der Satzlängenklassen in Intervalle von 1, 1-2, ... 1-5 Wörtern pro Satz dar.

b.) Distribution: Der Name der angepassten theoretischen Häufigkeitsverteilung. Falls keine Anpassung an ein theoretisches Modell aufgrund nicht zu berechnender Freiheitsgrade möglich ist, wird auf eine tabellarische Darstellung verzichtet. Dies betrifft ausschließlich die Hyperpascal-Verteilung.

c.) Parameter: Die jeweiligen Parameter der theoretischen Verteilungen.

d.) Abkürzungen:

DF	- Freiheitsgrade
X^2	- Wert des Chiquadrat
$P(X^2)$	- Überschreitungswahrscheinlichkeit des berechneten X^2
C	- Diskrepanzkoeffizient
min. size	- Zusammenfassung der theoretischen Erwartungshäufigkeit
$X[i]$	- Zahl der Wörter pro Satz
$F[i]$	- Beobachtete Zahl der Sätze mit x Wörtern Länge
$NP[i]$	- Erwartungshäufigkeit

Unter 2 und 3 finden sich die Dateinamen und die entsprechende Auflösung der Kurzform.

2. Dateinamen (Texte: russisch)

Text	Autor	Titel	Dateiname
1	N.V. Gogol'	Zapiski sumasšedšego	Zapiski_1er.dat
2	N.V. Gogol'	Nevskij prospekt	Nevskij_1er.dat
3	N.V. Gogol'	Nos	Nos_1er.dat
3.1		Kapitel 1	NosK1_1er.dat
3.2		Kapitel 2	NosK2_1er.dat
3.3		Kapitel 3	NosK3_1er.dat
4	N.M. Karamzin	Bednaja Liza	BL_1er.dat
5	L.N. Tolstoj	Metel'	Me_1er.dat
5.1		Kapitel 1	MeK1_1er.dat
5.2		Kapitel 2	MeK2_1er.dat
5.3		Kapitel 3	MeK3_1er.dat
5.4		Kapitel 4	MeK4_1er.dat
5.5		Kapitel 5	MeK5_1er.dat
5.6		Kapitel 6	MeK6_1er.dat
5.7		Kapitel 7	MeK7_1er.dat
5.8		Kapitel 8	MeK8_1er.dat
5.9		Kapitel 9	MeK9_1er.dat
5.10		Kapitel 10	MeK10_1er.dat
5.11		Kapitel 11	MeK11_1er.dat
6	L.N.Tolstoj	Zapiski markera	Markera_1er.dat
7	A.P. Čechov	Dama s sobačkoj	Dama_1er.dat
7.1		Kapitel 1	DamaK1_1er.dat
7.2		Kapitel 2	DamaK2_1er.dat
7.3		Kapitel 3	DamaK3_1er.dat
7.4		Kapitel 4	DamaK4_1er.dat
8	A.P. Čechov	Čelovek v futljare	Futljar_1er.dat
9	A.P. Čechov	Malčiki	Maliciki_1er.dat

3. Dateinamen (Texte: slowenisch)

Text	Autor	Titel	Dateiname
1	J. Kersnik	Mačkova očeta	Mackova_1er.dat
2	J. Kersnik	Ponkrčev oča	Ponkrecev_1er.dat
2.1		Kapitel 1	PonkrcevK1_1er.dat
2.2		Kapitel 2	PonkrcevK2_1er.dat
2.3		Kapitel 3	PonkrecevK3_1er.dat
3	I. Cankar	Hlapec Jernej in njegova pravica	Hlapec_1er.dat
3.1		Kapitel 1	HlapecK1_1er.dat
3.2		Kapitel 2	HlapecK2_1er.dat
3.3		Kapitel 3	HlapecK3_1er.dat
3.4		Kapitel 4	HlapecK4_1er.dat
3.5		Kapitel 5	HlapecK5_1er.dat
3.6		Kapitel 6	HlapecK6_1er.dat
3.7		Kapitel 7	HlapecK7_1er.dat
3.8		Kapitel 8	HlapecK8_1er.dat
3.9		Kapitel 9	HlapecK9_1er.dat
3.10		Kapitel 10	HlapecK10_1er.dat
3.11		Kapitel 11	HlapecK11_1er.dat
3.12		Kapitel 12	HlapecK12_1er.dat
3.13		Kapitel 13	HlapecK13_1er.dat
3.14		Kapitel 14	HlapecK14_1er.dat
3.15		Kapitel 15	HlapecK15_1er.dat
3.16		Kapitel 16	HlapecK16_1er.dat
3.17		Kapitel 17	HlapecK17_1er.dat
3.18		Kapitel 18	HlapecK18_1er.dat
4	J. Jurčič	Nemški Valpet	Valpet_1er.dat
5	F. Levstik	Pokljuk	Pokljuk_1er.dat
6	F. Levstik	Martin Krpan	Krpan_1er.dat

Texte: russisch (Satzdefinition 1)

Input data: Zapiski_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 640
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,44738863945315
 p = 0,133980979786149
 DF =40
 $X^2 = 35,6117$ $P(X^2) = 0,6680$

Input data: Nevskij_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 696
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,59325003594923
 p = 0,0994573294827923
 DF =56
 $X^2 = 58,3129$ $P(X^2) = 0,3903$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	23	34,89	41	1	0,656	1	18	17,6	41	2	2,695	81	0	0,061
2	35	43,73	42	0	0,574	2	22	25,26	42	0	2,462	82	0	0,056
3	57	46,34	43	1	0,502	3	41	29,49	43	3	2,248	83	0	0,05
4	44	46,12	44	1	0,44	4	37	31,81	44	1	2,053	84	0	0,046
5	58	44,41	45	0	0,385	5	34	32,9	45	2	1,874	85	0	0,041
6	46	41,9	46	0	0,336	6	37	33,14	46	1	1,709	86	0	0,038
7	43	38,99	47	1	0,294	7	33	32,79	47	3	1,559	87	0	0,034
8	32	35,92	48	0	0,257	8	29	32,03	48	3	1,422	88	0	0,031
9	34	32,85	49	0	0,225	9	30	30,99	49	1	1,296	89	0	0,028
10	33	29,86	50	0	0,197	10	28	29,75	50	0	1,182	90	0	0,025
11	22	27,02	51	0	0,172	11	25	28,38	51	1	1,077	91	0	0,023
12	26	24,35	52	2	0,15	12	25	26,93	52	3	0,981	92	0	0,021
13	23	21,88	53	0	0,131	13	17	25,45	53	0	0,893	93	1	0,019
14	15	19,6	54	0	0,114	14	28	23,97	54	1	0,814	94	0	0,017
15	18	17,51	55	0	0,1	15	21	22,5	55	1	0,741	95	0	0,016
16	13	15,62	56	0	0,087	16	11	21,06	56	2	0,674	96	0	0,014
17	15	13,9	57	1	0,596	17	22	19,67	57	0	0,614	97	0	0,013
18	11	12,36				18	23	18,33	58	0	0,558	98	0	0,012
19	9	10,97				19	19	17,05	59	0	0,508	99	0	0,011
20	16	9,723				20	12	15,84	60	1	0,462	100	0	0,01
21	7	8,609				21	10	14,68	61	1	0,42	101	0	0,009
22	6	7,614				22	12	13,6	62	0	0,382	102	0	0,008
23	2	6,728				23	10	12,58	63	1	0,347	103	0	0,007
24	6	5,94				24	16	11,62	64	1	0,316	104	0	0,006
25	6	5,24				25	8	10,72	65	1	0,287	105	0	0,006
26	6	4,619				26	8	9,883	66	0	0,261	106	0	0,005
27	5	4,069				27	13	9,103	67	0	0,237	107	1	0,05
28	3	3,582				28	8	8,378	68	0	0,215			
29	1	3,152				29	3	7,704	69	0	0,196			
30	3	2,772				30	11	7,08	70	1	0,178			
31	4	2,436				31	9	6,502	71	0	0,161			
32	1	2,14				32	5	5,967	72	0	0,147			
33	4	1,879				33	9	5,474	73	0	0,133			
34	2	1,65				34	4	5,018	74	1	0,121			
35	0	1,447				35	5	4,598	75	0	0,11			
36	1	1,27				36	2	4,21	76	0	0,1			
37	2	1,113				37	6	3,854	77	0	0,09			
38	1	0,976				38	9	3,527	78	0	0,082			
39	0	0,855				39	1	3,225	79	0	0,074			
40	0	0,749				40	2	2,949	80	0	0,068			

Input data: Nos_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 556
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,16605729043337
 p = 0,0833377112500359
 DF =54
 $X^2 = 55,0488$ $P(X^2) = 0,4347$

Input data: NosK1_1er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 80
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,80513472279533
 p = 0,135746048115645
 DF =27
 $X^2 = 29,7096$ $P(X^2) = 0,3274$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	20	30,67	41	3	1,882	81	0	0,065	1	4	2,175	36	2	0,253
2	34	32,78	42	1	1,732	82	0	0,06	2	4	3,394	37	1	0,223
3	36	32,55	43	0	1,594	83	0	0,055	3	7	4,114	38	0	0,197
4	33	31,48	44	0	1,467	84	0	0,05	4	3	4,51	39	0	0,174
5	36	30,06	45	1	1,35	85	0	0,046	5	2	4,682	40	0	0,153
6	34	28,47	46	2	1,242	86	0	0,043	6	7	4,698	41	1	1,118
7	27	26,82	47	1	1,143	87	1	0,039	7	1	4,605			
8	22	25,17	48	0	1,051	88	1	0,036	8	5	4,438			
9	25	23,55	49	0	0,967	89	0	0,033	9	2	4,221			
10	21	21,98	50	1	0,889	90	0	0,03	10	3	3,975			
11	20	20,49	51	0	0,818	91	0	0,028	11	2	3,712			
12	13	19,06	52	0	0,752	92	0	0,026	12	4	3,443			
13	12	17,72	53	0	0,692	93	0	0,023	13	2	3,175			
14	17	16,45	54	1	0,636	94	0	0,022	14	4	2,914			
15	18	15,26	55	0	0,585	95	0	0,02	15	6	2,663			
16	11	14,14	56	0	0,538	96	0	0,018	16	2	2,425			
17	20	13,1	57	1	0,494	97	1	0,203	17	4	2,202			
18	8	12,12	58	1	0,454				18	1	1,993			
19	12	11,21	59	0	0,418				19	3	1,799			
20	15	10,37	60	0	0,384				20	2	1,621			
21	9	9,583	61	0	0,353				21	1	1,457			
22	10	8,854	62	0	0,324				22	1	1,308			
23	8	8,178	63	1	0,298				23	3	1,172			
24	5	7,55	64	0	0,274				24	0	1,048			
25	8	6,969	65	0	0,252				25	0	0,936			
26	10	6,431	66	0	0,232				26	0	0,835			
27	3	5,932	67	0	0,213				27	0	0,744			
28	6	5,471	68	1	0,196				28	2	0,662			
29	9	5,045	69	0	0,18				29	1	0,589			
30	0	4,651	70	0	0,165				30	0	0,523			
31	8	4,287	71	0	0,152				31	0	0,464			
32	6	3,951	72	0	0,139				32	0	0,412			
33	3	3,641	73	0	0,128				33	0	0,365			
34	2	3,354	74	0	0,118				34	0	0,323			
35	0	3,089	75	0	0,108				35	0	0,286			
36	5	2,845	76	1	0,099									
37	4	2,62	77	0	0,091									
38	2	2,413	78	0	0,084									
39	3	2,221	79	0	0,077									
40	3	2,045	80	0	0,071									

Input data: NosK2_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 411
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,12316260921333
 p = 0,078656117235202
 DF =52
 $X^2 = 55,0391$ $P(X^2) = 0,3604$

Input data: NosK3_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 65
 Best method is
 Method 3 of 3
 Parameters:
 k = 1,24149086420092
 p = 0,0833441529482038
 DF =28
 $X^2 = 20,5365$ $P(X^2) = 0,8441$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	12	23,64	41	2	1,494	81	0	0,061	1	4	2,973	41	0	0,247
2	27	24,46	42	1	1,38	82	0	0,057	2	3	3,383	42	0	0,227
3	26	23,92	43	0	1,276	83	0	0,052	3	3	3,476	43	0	0,21
4	23	22,95	44	0	1,179	84	0	0,048	4	7	3,443	44	0	0,193
5	30	21,79	45	0	1,089	85	0	0,045	5	4	3,346	45	1	0,178
6	24	20,57	46	2	1,006	86	0	0,041	6	3	3,215	46	0	0,164
7	23	19,34	47	0	0,929	87	1	0,038	7	3	3,066	47	1	1,903
8	15	18,14	48	0	0,859	88	1	0,035	8	2	2,908			
9	19	16,97	49	0	0,793	89	0	0,032	9	4	2,746			
10	16	15,85	50	1	0,732	90	0	0,03	10	2	2,584			
11	18	14,78	51	0	0,677	91	0	0,027	11	0	2,426			
12	6	13,77	52	0	0,625	92	0	0,025	12	3	2,273			
13	8	12,82	53	0	0,577	93	0	0,023	13	2	2,125			
14	11	11,92	54	1	0,533	94	0	0,022	14	2	1,984			
15	11	11,08	55	0	0,492	95	0	0,02	15	1	1,85			
16	8	10,29	56	0	0,454	96	0	0,018	16	1	1,723			
17	14	9,555	57	1	0,42	97	1	0,218	17	2	1,604			
18	7	8,867	58	1	0,387				18	0	1,491			
19	9	8,226	59	0	0,358				19	0	1,385			
20	10	7,628	60	0	0,33				20	3	1,286			
21	6	7,071	61	0	0,305				21	2	1,193			
22	8	6,553	62	0	0,282				22	1	1,106			
23	5	6,072	63	1	0,26				23	0	1,025			
24	4	5,624	64	0	0,24				24	1	0,949			
25	7	5,208	65	0	0,221				25	1	0,879			
26	7	4,822	66	0	0,204				26	3	0,814			
27	2	4,464	67	0	0,189				27	1	0,753			
28	4	4,132	68	1	0,174				28	0	0,696			
29	6	3,823	69	0	0,161				29	2	0,644			
30	0	3,538	70	0	0,148				30	0	0,595			
31	8	3,273	71	0	0,137				31	0	0,55			
32	5	3,027	72	0	0,126				32	1	0,508			
33	2	2,8	73	0	0,117				33	1	0,469			
34	2	2,589	74	0	0,108				34	0	0,433			
35	0	2,394	75	0	0,099				35	0	0,4			
36	3	2,214	76	1	0,092				36	0	0,369			
37	3	2,047	77	0	0,085				37	0	0,341			
38	2	1,892	78	0	0,078				38	0	0,314			
39	3	1,749	79	0	0,072				39	0	0,29			
40	2	1,616	80	0	0,067				40	1	0,267			

Input data: BL_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 427
 Best method is
 Method 3 of 3
 Parameters:
 k = 1,24149086420092
 p = 0,0833441529482038
 DF =28
 $X^2 = 20,5365$ $P(X^2) = 0,8441$

Input data: Me_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 615
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,079026724895
 p = 0,0775490034931622
 DF =56
 $X^2 = 82,7799$ $P(X^2) = 0,0115$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	21	0	42	0	0	1	17	38,97	42	1	1,99	83	0	0,077
2	40	0	43	0	0	2	60	38,79	43	1	1,84	84	0	0,071
3	30	0	44	1	0	3	44	37,19	44	3	1,7	85	0	0,065
4	29	0	45	0	0	4	48	35,21	45	1	1,571	86	0	0,06
5	25	0	46	1	0	5	37	33,12	46	1	1,452	87	0	0,056
6	17	0	47	1	0	6	27	31,04	47	0	1,341	88	1	0,052
7	21	0	48	0	0	7	14	29,01	48	0	1,239	89	0	0,048
8	20	0	49	1	0	8	23	27,06	49	0	1,145	90	0	0,044
9	16	0	50	1	0	9	20	25,21	50	3	1,058	91	0	0,041
10	19	0	51	0	0	10	15	23,46	51	1	0,978	92	0	0,037
11	15	0	52	0	0	11	13	21,81	52	1	0,903	93	0	0,035
12	17	0	53	0	0	12	24	20,26	53	0	0,834	94	0	0,032
13	13	0	54	0	0	13	21	18,81	54	0	0,771	95	0	0,03
14	13	0	55	0	0	14	22	17,46	55	0	0,712	96	0	0,027
15	10	0	56	1	0	15	21	16,2	56	1	0,658	97	0	0,025
16	11	0				16	16	15,02	57	0	0,608	98	0	0,023
17	11	0				17	22	13,92	58	0	0,561	99	0	0,021
18	8	0				18	17	12,9	59	0	0,519	100	0	0,02
19	9	0				19	8	11,96	60	2	0,479	101	0	0,018
20	9	0				20	11	11,07	61	1	0,442	102	0	0,017
21	10	0				21	14	10,26	62	0	0,409	103	0	0,016
22	7	0				22	8	9,496	63	0	0,377	104	0	0,014
23	6	0				23	6	8,791	64	0	0,349	105	0	0,013
24	7	0				24	8	8,137	65	1	0,322	106	0	0,012
25	1	0				25	9	7,531	66	1	0,297	107	0	0,011
26	3	0				26	5	6,969	67	0	0,275	108	0	0,01
27	3	0				27	8	6,448	68	0	0,254	109	0	0,01
28	4	0				28	7	5,965	69	1	0,234	110	0	0,009
29	0	0				29	5	5,518	70	0	0,216	111	0	0,008
30	3	0				30	8	5,104	71	1	0,2	112	0	0,008
31	4	0				31	4	4,721	72	0	0,185	113	0	0,007
32	2	0				32	2	4,366	73	0	0,17	114	0	0,006
33	2	0				33	4	4,037	74	0	0,157	115	0	0,006
34	3	0				34	6	3,733	75	0	0,145	116	0	0,006
35	2	0				35	4	3,451	76	0	0,134	117	0	0,005
36	4	0				36	5	3,191	77	0	0,124	118	0	0,005
37	1	0				37	4	2,95	78	1	0,114	119	0	0,004
38	0	0				38	2	2,727	79	0	0,106	120	0	0,004
39	1	0				39	2	2,521	80	0	0,098	121	0	0,004
40	2	0				40	0	2,33	81	0	0,09	122	0	0,003
41	2	0				41	1	2,154	82	0	0,083	123	1	0,041

Input data: MeK1_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 58
 Best method is
 Method 3 of 3
 Parameters:
 k = 0,825255582748215
 p = 0,0818948206509402
 DF =22
 $X^2 = 25,7454$ $P(X^2) = 0,2628$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	7,355	41	0	0,111
2	9	5,573	42	0	0,102
3	6	4,669	43	0	0,093
4	4	4,037	44	0	0,085
5	2	3,545	45	0	0,078
6	3	3,141	46	0	0,071
7	1	2,8	47	0	0,065
8	0	2,506	48	0	0,059
9	2	2,251	49	0	0,054
10	0	2,026	50	1	0,05
11	2	1,828	51	0	0,046
12	3	1,651	52	0	0,042
13	3	1,494	53	0	0,038
14	0	1,353	54	0	0,035
15	0	1,227	55	0	0,032
16	2	1,113	56	0	0,029
17	2	1,011	57	0	0,027
18	2	0,919	58	0	0,025
19	1	0,835	59	0	0,022
20	0	0,76	60	0	0,021
21	3	0,692	61	0	0,019
22	1	0,63	62	0	0,017
23	1	0,573	63	0	0,016
24	0	0,522	64	0	0,014
25	1	0,476	65	0	0,013
26	2	0,434	66	0	0,012
27	2	0,396	67	0	0,011
28	0	0,361	68	0	0,01
29	0	0,33	69	1	0,11
30	0	0,301			
31	0	0,274			
32	0	0,251			
33	0	0,229			
34	1	0,209			
35	0	0,191			
36	1	0,174			
37	0	0,159			
38	0	0,146			
39	0	0,133			
40	0	0,122			

Input data: MeK2_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 43
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,64710081328261
 p = 0,117209559152288
 DF =23
 $X^2 = 19,6141$ $P(X^2) = 0,6651$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	1,259	41	0	0,105
2	4	1,83	42	0	0,095
3	2	2,139	43	0	0,085
4	2	2,295	44	0	0,076
5	1	2,354	45	0	0,068
6	1	2,347	46	1	0,061
7	0	2,295	47	0	0,055
8	0	2,214	48	0	0,049
9	3	2,112	49	0	0,044
10	3	1,999	50	1	0,364
11	2	1,879			
12	1	1,756			
13	3	1,634			
14	3	1,514			
15	3	1,398			
16	2	1,288			
17	1	1,183			
18	2	1,084			
19	0	0,991			
20	1	0,905			
21	2	0,825			
22	0	0,75			
23	0	0,682			
24	0	0,619			
25	1	0,561			
26	0	0,508			
27	0	0,46			
28	0	0,416			
29	1	0,375			
30	1	0,339			
31	0	0,306			
32	0	0,275			
33	0	0,248			
34	0	0,223			
35	0	0,201			
36	0	0,181			
37	0	0,162			
38	0	0,146			
39	0	0,131			
40	0	0,117			

Input data: MeK3_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 60
 Best method is
 Method 1 of 3
 Parameters:
 k = 0,733556525496071
 p = 0,0538518741916107
 DF =27
 $X^2 = 38,7351$ $P(X^2) = 0,0670$

Input data: MeK4_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 47
 Best method is
 Method 1 of 3
 Parameters:
 k = 0,72857040109471
 p = 0,0514663729203429
 DF =23
 $X^2 = 29,9699$ $P(X^2) = 0,1503$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	7,038	42	0	0,216	83	0	0,019	1	0	5,412	42	0	0,18
2	8	4,884	43	0	0,203	84	0	0,018	2	5	3,74	43	0	0,17
3	0	4,006	44	0	0,191	85	0	0,017	3	4	3,066	44	1	0,16
4	7	3,453	45	0	0,18	86	0	0,016	4	6	2,645	45	0	0,151
5	6	3,05	46	0	0,169	87	0	0,015	5	2	2,339	46	0	0,142
6	2	2,732	47	0	0,159	88	0	0,014	6	4	2,098	47	0	0,134
7	0	2,47	48	0	0,15	89	0	0,013	7	2	1,9	48	0	0,126
8	2	2,248	49	0	0,141	90	0	0,012	8	5	1,732	49	0	0,119
9	4	2,056	50	0	0,132	91	0	0,012	9	3	1,587	50	1	0,112
10	3	1,888	51	0	0,125	92	0	0,011	10	0	1,46	51	0	0,106
11	1	1,739	52	0	0,117	93	0	0,01	11	1	1,348	52	0	0,1
12	2	1,605	53	0	0,11	94	0	0,01	12	1	1,247	53	0	0,094
13	0	1,485	54	0	0,104	95	0	0,009	13	1	1,156	54	0	0,089
14	0	1,376	55	0	0,098	96	0	0,009	14	1	1,073	55	0	0,084
15	3	1,277	56	0	0,092	97	0	0,008	15	0	0,998	56	0	0,079
16	2	1,187	57	0	0,087	98	0	0,008	16	0	0,93	57	0	0,075
17	1	1,104	58	0	0,082	99	0	0,007	17	0	0,867	58	0	0,071
18	2	1,029	59	0	0,077	100	0	0,007	18	1	0,809	59	0	0,067
19	0	0,959	60	0	0,073	101	0	0,007	19	0	0,756	60	0	0,063
20	1	0,894	61	0	0,068	102	0	0,006	20	0	0,707	61	1	0,06
21	1	0,835	62	0	0,064	103	0	0,006	21	1	0,661	62	0	0,056
22	0	0,78	63	0	0,061	104	0	0,006	22	0	0,619	63	0	0,053
23	0	0,729	64	0	0,057	105	0	0,005	23	0	0,58	64	0	0,05
24	2	0,682	65	0	0,054	106	0	0,005	24	0	0,544	65	1	0,047
25	0	0,638	66	0	0,051	107	0	0,005	25	0	0,51	66	0	0,045
26	0	0,597	67	0	0,048	108	0	0,004	26	1	0,479	67	0	0,042
27	0	0,559	68	0	0,045	109	0	0,004	27	2	0,449	68	0	0,04
28	1	0,524	69	0	0,042	110	0	0,004	28	0	0,422	69	0	0,038
29	0	0,491	70	0	0,04	111	0	0,004	29	0	0,396	70	0	0,036
30	0	0,46	71	0	0,038	112	0	0,003	30	1	0,372	71	1	0,618
31	2	0,432	72	0	0,036	113	0	0,003	31	1	0,35			
32	1	0,405	73	0	0,034	114	0	0,003	32	0	0,329			
33	1	0,38	74	0	0,032	115	0	0,003	33	0	0,309			
34	2	0,356	75	0	0,03	116	0	0,003	34	0	0,291			
35	0	0,335	76	0	0,028	117	0	0,003	35	0	0,274			
36	2	0,314	77	0	0,027	118	0	0,002	36	0	0,258			
37	0	0,295	78	0	0,025	119	0	0,002	37	0	0,243			
38	0	0,277	79	0	0,024	120	0	0,002	38	0	0,229			
39	0	0,26	80	0	0,022	121	0	0,002	39	0	0,215			
40	0	0,245	81	0	0,021	122	0	0,002	40	0	0,203			
41	0	0,23	82	0	0,02	123	1	0,033	41	0	0,191			

Input data: MeK5_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 26
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,34309556941421
 p = 0,0647406469722556
 DF =16
 $X^2 = 14,0067$ $P(X^2) = 0,5982$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	0,6581	41	0	0,1809
2	1	0,8266	42	0	0,1706
3	4	0,9057	43	0	0,1608
4	1	0,944	44	1	0,1516
5	0	0,9586	45	1	0,1429
6	0	0,958	46	0	0,1347
7	0	0,9473	47	0	0,1269
8	1	0,9294	48	0	0,1196
9	1	0,9065	49	0	0,1126
10	1	0,8801	50	0	0,1061
11	0	0,8514	51	0	0,0999
12	1	0,8211	52	0	0,094
13	0	0,7899	53	0	0,0885
14	3	0,7582	54	0	0,0833
15	0	0,7265	55	0	0,0784
16	0	0,695	56	1	0,0738
17	1	0,664	57	0	0,0695
18	1	0,6335	58	0	0,0654
19	1	0,6038	59	0	0,0615
20	0	0,5749	60	1	0,9586
21	2	0,5469			
22	0	0,5199			
23	0	0,4938			
24	0	0,4687			
25	1	0,4446			
26	0	0,4216			
27	0	0,3995			
28	0	0,3784			
29	0	0,3582			
30	1	0,339			
31	0	0,3206			
32	0	0,3032			
33	1	0,2866			
34	0	0,2708			
35	0	0,2559			
36	0	0,2417			
37	0	0,2282			
38	0	0,2154			
39	1	0,2032			
40	0	0,1918			

Input data: MeK6_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 161
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,21860095881503
 p = 0,0901172379349873
 DF =37
 $X^2 = 47,4591$ $P(X^2) = 0,1164$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	7	8,5734	41	0	0,4825
2	14	9,5061	42	1	0,4414
3	9	9,5948	43	0	0,4037
4	9	9,3663	44	1	0,3692
5	16	8,9879	45	0	0,3376
6	8	8,5355	46	0	0,3087
7	6	8,0493	47	0	0,2822
8	9	7,5526	48	0	0,2579
9	3	7,0598	49	0	0,2358
10	2	6,5796	50	0	0,2155
11	1	6,1175	51	0	0,1969
12	7	5,6768	52	1	0,1799
13	5	5,2594	53	0	0,1644
14	6	4,8659	54	0	0,1502
15	7	4,4965	55	0	0,1372
16	1	4,1509	56	0	0,1254
17	8	3,8284	57	0	0,1145
18	6	3,5282	58	0	0,1046
19	2	3,2493	59	0	0,0955
20	1	2,9905	60	1	0,0872
21	1	2,7507	61	0	0,0797
22	3	2,5289	62	0	0,0727
23	4	2,3238	63	0	0,0664
24	3	2,1345	64	0	0,0606
25	2	1,9599	65	0	0,0554
26	0	1,7988	66	0	0,0505
27	2	1,6505	67	0	0,0461
28	1	1,5139	68	0	0,0421
29	1	1,3882	69	0	0,0385
30	0	1,2727	70	0	0,0351
31	1	1,1664	71	0	0,032
32	0	1,0688	72	0	0,0292
33	2	0,9791	73	0	0,0267
34	2	0,8968	74	0	0,0244
35	3	0,8212	75	0	0,0222
36	2	0,7519	76	0	0,0203
37	1	0,6883	77	0	0,0185
38	0	0,6299	78	1	0,1922
39	1	0,5765			
40	0	0,5275			

Input data: MeK7_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 63
 Best method is
 Method 1 of 3
 Parameters:
 k = 0,845397521940137
 p = 0,0667374915614897
 DF =26

Input data: MeK8_1er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 51
 Best method is
 Method 2 of 3
 Parameters:
 k = 1,26638268214574
 p = 0,0878045177421092
 DF =23

$X^2 = 27,8461$ $P(X^2) = 0,3661$

$X^2 = 34,0818$ $P(X^2) = 0,0640$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	2	6,3895	41	0	0,2038	81	0	0,0116	1	1	2,3424
2	7	5,0412	42	0	0,1895	82	0	0,0108	2	5	2,7059
3	11	4,341	43	1	0,1762	83	0	0,01	3	4	2,7971
4	7	3,8426	44	0	0,1638	84	0	0,0093	4	3	2,778
5	2	3,4475	45	0	0,1524	85	0	0,0087	5	3	2,7029
6	4	3,1179	46	0	0,1417	86	0	0,0081	6	3	2,5969
7	1	2,8349	47	0	0,1318	87	0	0,0076	7	1	2,474
8	1	2,5873	48	0	0,1226	88	1	0,1033	8	1	2,3427
9	2	2,3679	49	0	0,1141				9	0	2,2082
10	1	2,1719	50	0	0,1061				10	2	2,0739
11	3	1,9956	51	1	0,0987				11	0	1,9422
12	1	1,8363	52	0	0,0919				12	0	1,8146
13	2	1,6917	53	0	0,0855				13	1	1,692
14	1	1,56	54	0	0,0795				14	3	1,575
15	1	1,4398	55	0	0,074				15	3	1,4641
16	2	1,3299	56	0	0,0689				16	3	1,3592
17	1	1,2291	57	0	0,0641				17	2	1,2605
18	0	1,1367	58	0	0,0597				18	1	1,1679
19	1	1,0517	59	0	0,0555				19	2	1,0811
20	1	0,9735	60	0	0,0517				20	3	1
21	0	0,9015	61	0	0,0481				21	1	0,9243
22	0	0,8352	62	0	0,0448				22	2	0,8539
23	0	0,7739	63	0	0,0417				23	0	0,7883
24	1	0,7174	64	0	0,0388				24	0	0,7274
25	1	0,6652	65	0	0,0361				25	0	0,6709
26	0	0,617	66	1	0,0336				26	0	0,6185
27	1	0,5724	67	0	0,0313				27	0	0,57
28	0	0,5311	68	0	0,0292				28	4	0,5251
29	2	0,493	69	0	0,0272				29	0	0,4835
30	1	0,4576	70	0	0,0253				30	2	0,4451
31	0	0,4249	71	0	0,0236				31	0	0,4097
32	1	0,3945	72	0	0,0219				32	0	0,3769
33	0	0,3664	73	0	0,0204				33	0	0,3467
34	0	0,3404	74	0	0,019				34	0	0,3188
35	0	0,3162	75	0	0,0177				35	1	3,5622
36	0	0,2938	76	0	0,0165						
37	0	0,273	77	0	0,0154						
38	1	0,2537	78	0	0,0143						
39	0	0,2358	79	0	0,0133						
40	0	0,2192	80	0	0,0124						

Input data: MeK9_1er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 34
 Parameters:
 k = 1,79284476944573
 p = 0,12565592156874
 DF =19
 $X^2 = 19,9379$ $P(X^2) = 0,3983$

Input data: MeK10_1er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 28
 Parameters:
 k = 2,32697158553875
 p = 0,135401221705562
 DF =18
 $X^2 = 16,1822$ $P(X^2) = 0,5798$

Input data: MeK11_1er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 44
 Parameters:
 k = 1,67731191644413
 p = 0,094268607886971
 DF =24
 $X^2 = 29,1274$ $P(X^2) = 0,2154$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	0,825	1	0	0,267	1	0	0,8378
2	1	1,2932	2	2	0,5371	2	4	1,2728
3	1	1,579	3	1	0,7725	3	2	1,5432
4	3	1,7454	4	2	0,9634	4	4	1,7133
5	2	1,8286	5	1	1,1092	5	2	1,8146
6	1	1,8524	6	0	1,2136	6	1	1,8661
7	2	1,8336	7	1	1,2813	7	0	1,881
8	0	1,7848	8	2	1,3178	8	2	1,8686
9	1	1,7152	9	0	1,3284	9	1	1,8357
10	2	1,6318	10	0	1,3178	10	1	1,7878
11	2	1,5398	11	0	1,2906	11	1	1,7289
12	3	1,4434	12	1	1,2505	12	4	1,6623
13	3	1,3454	13	2	1,2007	13	1	1,5906
14	4	1,2481	14	1	1,1441	14	0	1,5157
15	1	1,1531	15	3	1,0829	15	0	1,4393
16	0	1,0615	16	0	1,0191	16	4	1,3625
17	3	0,9741	17	1	0,9542	17	2	1,2863
18	1	0,8914	18	0	0,8894	18	1	1,2114
19	0	0,8137	19	1	0,8257	19	0	1,1385
20	1	0,7412	20	2	0,7637	20	1	1,0679
21	0	0,6737	21	2	0,7041	21	1	1
22	0	0,6113	22	1	0,6473	22	1	0,935
23	0	0,5537	23	0	0,5934	23	1	0,8729
24	0	0,5009	24	1	0,5426	24	1	0,8139
25	0	0,4524	25	1	0,4951	25	2	0,758
26	0	0,4081	26	0	0,4508	26	2	0,7051
27	0	0,3677	27	0	0,4096	27	1	0,6553
28	0	0,3309	28	0	0,3716	28	1	0,6084
29	0	0,2975	29	0	0,3365	29	1	0,5644
30	0	0,2673	30	1	0,3042	30	1	0,5231
31	0	0,2399	31	0	0,2747	31	0	0,4845
32	0	0,2151	32	0	0,2477	32	0	0,4484
33	0	0,1927	33	0	0,223	33	0	0,4147
34	0	0,1725	34	1	0,2006	34	0	0,3834
35	0	0,1544	35	0	0,1802	35	0	0,3541
36	0	0,138	36	0	0,1617	36	0	0,327
37	1	0,1234	37	1	1,3279	37	1	3,7275
38	1	0,1102						
39	0	0,0983						
40	0	0,0877						
41	1	0,7038						

Input data: Markera_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 584
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,34923398088681
 p = 0,155236946574109
 DF =32
 $X^2 = 35,2925$ $P(X^2) = 0,3153$

Input data: Dama_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 326
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,09412938714449
 p = 0,0690874079285915
 DF =54
 $X^2 = 48,3348$ $P(X^2) = 0,6917$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	42	47,3	41	1	0,227	1	8	17,51	41	1	1,485	81	1	0,09
2	58	53,91	42	1	0,194	2	17	17,84	42	0	1,385	82	0	0,084
3	56	53,5	43	0	0,165	3	24	17,39	43	2	1,293	83	0	0,079
4	52	50,45	44	0	0,14	4	21	16,69	44	1	1,206	84	0	0,073
5	49	46,34	45	1	0,8	5	12	15,91	45	0	1,125	85	0	0,068
6	43	41,88				6	15	15,09	46	1	1,049	86	0	0,064
7	33	37,44				7	16	14,26	47	0	0,979	87	0	0,059
8	33	33,21				8	15	13,46	48	0	0,913	88	0	0,055
9	25	29,28				9	13	12,67	49	1	0,852	89	0	0,051
10	30	25,69				10	11	11,92	50	1	0,794	90	0	0,048
11	23	22,46				11	11	11,2	51	0	0,741	91	0	0,045
12	14	19,58				12	10	10,52	52	0	0,691	92	0	0,042
13	13	17,02				13	16	9,869	53	1	0,644	93	0	0,039
14	19	14,76				14	6	9,253	54	0	0,601	94	0	0,036
15	14	12,78				15	10	8,672	55	1	0,56	95	0	0,034
16	7	11,05				16	4	8,124	56	0	0,523	96	0	0,031
17	20	9,538				17	6	7,607	57	2	0,487	97	0	0,029
18	7	8,223				18	4	7,121	58	1	0,454	98	0	0,027
19	5	7,081				19	7	6,663	59	0	0,424	99	0	0,025
20	3	6,092				20	9	6,234	60	1	0,395	100	0	0,024
21	5	5,236				21	6	5,83	61	0	0,368	101	0	0,022
22	3	4,497				22	3	5,452	62	0	0,343	102	0	0,021
23	4	3,859				23	7	5,097	63	0	0,32	103	0	0,019
24	5	3,309				24	7	4,764	64	0	0,299	104	0	0,018
25	3	2,836				25	7	4,452	65	0	0,278	105	0	0,017
26	6	2,43				26	8	4,16	66	0	0,259	106	0	0,016
27	1	2,08				27	7	3,887	67	0	0,242	107	0	0,014
28	2	1,78				28	4	3,631	68	1	0,226	108	0	0,013
29	0	1,522				29	2	3,392	69	0	0,21	109	0	0,013
30	3	1,301				30	2	3,168	70	0	0,196	110	0	0,012
31	0	1,112				31	5	2,958	71	0	0,183	111	0	0,011
32	2	0,95				32	3	2,762	72	1	0,17	112	0	0,01
33	1	0,811				33	2	2,579	73	1	0,159	113	0	0,009
34	0	0,693				34	4	2,407	74	0	0,148	114	0	0,009
35	0	0,591				35	1	2,247	75	0	0,138	115	0	0,008
36	0	0,504				36	0	2,098	76	1	0,129	116	0	0,008
37	0	0,43				37	2	1,958	77	0	0,12	117	1	0,104
38	0	0,367				38	0	1,827	78	0	0,112			
39	0	0,313				39	1	1,705	79	0	0,104			
40	0	0,267				40	1	1,591	80	0	0,097			

Input data: DamaK1_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 48
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,54932752741596
 p = 0,0803889003250351
 DF =29
 $X^2 = 24,7597$ $P(X^2) = 0,6907$

Input data: DamaK2_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 105
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,12766383021105
 p = 0,0765262878438105
 DF =36
 $X^2 = 49,9926$ $P(X^2) = 0,0606$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	0,966	41	0	0,292	1	2	5,788	41	0	0,409	81	0	0,019
2	5	1,377	42	0	0,272	2	5	6,027	42	0	0,379	82	0	0,017
3	2	1,614	43	1	0,253	3	12	5,921	43	0	0,351	83	0	0,016
4	1	1,756	44	0	0,236	4	9	5,701	44	0	0,325	84	0	0,015
5	0	1,836	45	0	0,22	5	2	5,433	45	0	0,301	85	0	0,014
6	2	1,874	46	0	0,205	6	5	5,145	46	0	0,279	86	0	0,013
7	3	1,881	47	0	0,19	7	6	4,852	47	0	0,258	87	0	0,012
8	1	1,866	48	0	0,177	8	6	4,563	48	0	0,239	88	0	0,011
9	4	1,834	49	1	0,165	9	3	4,281	49	0	0,221	89	0	0,01
10	1	1,789	50	0	0,153	10	2	4,009	50	0	0,205	90	0	0,009
11	0	1,736	51	0	0,142	11	6	3,75	51	0	0,19	91	0	0,009
12	0	1,676	52	0	0,132	12	3	3,503	52	0	0,176	92	0	0,008
13	2	1,612	53	0	0,123	13	6	3,269	53	1	0,163	93	0	0,007
14	0	1,545	54	0	0,114	14	3	3,049	54	0	0,15	94	0	0,007
15	1	1,476	55	0	0,106	15	3	2,841	55	0	0,139	95	0	0,006
16	1	1,407	56	0	0,099	16	0	2,646	56	0	0,129	96	0	0,006
17	3	1,339	57	0	0,092	17	0	2,463	57	1	0,119	97	0	0,005
18	2	1,271	58	0	0,085	18	0	2,292	58	0	0,11	98	0	0,005
19	2	1,204	59	0	0,079	19	0	2,131	59	0	0,102	99	0	0,005
20	1	1,14	60	0	0,073	20	4	1,981	60	1	0,095	100	0	0,004
21	0	1,077	61	0	0,068	21	2	1,841	61	0	0,088	101	0	0,004
22	0	1,016	62	0	0,063	22	1	1,711	62	0	0,081	102	0	0,004
23	2	0,958	63	0	0,059	23	4	1,589	63	0	0,075	103	0	0,003
24	2	0,902	64	0	0,054	24	1	1,476	64	0	0,069	104	0	0,003
25	1	0,848	65	0	0,05	25	4	1,37	65	0	0,064	105	0	0,003
26	2	0,797	66	0	0,047	26	3	1,272	66	0	0,059	106	0	0,003
27	1	0,749	67	0	0,043	27	1	1,18	67	0	0,055	107	0	0,002
28	1	0,702	68	1	0,04	28	2	1,095	68	0	0,051	108	0	0,002
29	0	0,659	69	0	0,037	29	1	1,016	69	0	0,047	109	0	0,002
30	0	0,617	70	0	0,035	30	0	0,942	70	0	0,044	110	0	0,002
31	1	0,578	71	0	0,032	31	2	0,874	71	0	0,04	111	0	0,002
32	1	0,541	72	0	0,03	32	1	0,81	72	0	0,037	112	0	0,002
33	0	0,506	73	1	0,369	33	0	0,751	73	0	0,034	113	0	0,002
34	0	0,473				34	0	0,696	74	0	0,032	114	0	0,001
35	1	0,442				35	0	0,646	75	0	0,03	115	0	0,001
36	0	0,413				36	0	0,598	76	1	0,027	116	0	0,001
37	0	0,386				37	1	0,554	77	0	0,025	117	1	0,015
38	0	0,36				38	0	0,514	78	0	0,023			
39	0	0,336				39	0	0,476	79	0	0,022			
40	1	0,313				40	0	0,441	80	0	0,02			

Input data: DamaK3_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 116
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,21587721525571
 p = 0,0784382672365171
 DF =38
 $X^2 = 27,5890$ $P(X^2) = 0,8937$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	5,2522	42	0	0,4512
2	2	5,8851	43	1	0,418
3	9	6,0089	44	1	0,3871
4	8	5,936	45	0	0,3585
5	8	5,7657	46	1	0,332
6	4	5,5428	47	0	0,3074
7	5	5,2918	48	0	0,2846
8	6	5,0272	49	0	0,2634
9	4	4,7578	50	1	0,2438
10	6	4,4898	51	0	0,2257
11	3	4,227	52	0	0,2088
12	6	3,9719	53	0	0,1933
13	5	3,7262	54	0	0,1788
14	2	3,4909	55	1	0,1655
15	5	3,2667	56	0	0,1531
16	2	3,0538	57	0	0,1416
17	3	2,8522	58	1	0,131
18	1	2,6619	59	0	0,1212
19	2	2,4825	60	0	0,1121
20	2	2,3138	61	0	0,1037
21	3	2,1553	62	0	0,0959
22	0	2,0067	63	0	0,0887
23	0	1,8674	64	0	0,082
24	4	1,7371	65	0	0,0758
25	1	1,6152	66	0	0,0701
26	3	1,5014	67	0	0,0648
27	3	1,3951	68	0	0,0599
28	1	1,296	69	0	0,0554
29	1	1,2035	70	0	0,0512
30	1	1,1174	71	0	0,0473
31	1	1,0371	72	0	0,0438
32	0	0,9624	73	0	0,0404
33	2	0,8929	74	0	0,0374
34	2	0,8283	75	0	0,0345
35	0	0,7682	76	0	0,0319
36	0	0,7123	77	0	0,0295
37	0	0,6603	78	0	0,0273
38	0	0,6121	79	0	0,0252
39	0	0,5673	80	0	0,0233
40	0	0,5257	81	1	0,2822
41	1	0,4871			

Input data: DamaK4_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 57
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,14453307346681
 p = 0,0718776014811393
 DF =29
 $X^2 = 14,4057$ $P(X^2) = 0,9891$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	2,8003	41	0	0,2589
2	5	2,9747	42	0	0,2411
3	1	2,9604	43	0	0,2246
4	3	2,88	44	0	0,2091
5	2	2,7696	45	0	0,1947
6	4	2,6448	46	0	0,1813
7	2	2,5138	47	0	0,1688
8	2	2,3813	48	0	0,1572
9	2	2,2501	49	0	0,1463
10	2	2,1219	50	0	0,1362
11	2	1,9978	51	0	0,1268
12	1	1,8786	52	0	0,118
13	3	1,7646	53	0	0,1098
14	1	1,6559	54	0	0,1022
15	1	1,5528	55	0	0,0951
16	1	1,4551	56	0	0,0885
17	0	1,3627	57	1	0,0823
18	1	1,2755	58	0	0,0766
19	3	1,1933	59	0	0,0713
20	2	1,116	60	0	0,0663
21	1	1,0432	61	0	0,0617
22	2	0,9749	62	0	0,0574
23	1	0,9108	63	0	0,0534
24	0	0,8506	64	0	0,0497
25	1	0,7942	65	0	0,0462
26	0	0,7414	66	0	0,043
27	2	0,692	67	0	0,04
28	0	0,6457	68	0	0,0372
29	0	0,6023	69	0	0,0346
30	1	0,5618	70	0	0,0322
31	1	0,524	71	0	0,0299
32	1	0,4886	72	1	0,396
33	0	0,4555			
34	2	0,4246			
35	0	0,3958			
36	0	0,3688			
37	1	0,3437			
38	0	0,3202			
39	1	0,2984			
40	0	0,2779			

Input data: Futljar_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 277
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,45625173573772
 p = 0,0972023181128416
 DF =45
 $X^2 = 41,6074$ $P(X^2) = 0,6165$

Input data: Malciki_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 167
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,08850312281474
 p = 0,100946322596756
 DF =32
 $X^2 = 32,4279$ $P(X^2) = 0,4457$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	9,2957	43	2	0,7941	1	9	13,762	43	0	0,2298
2	15	12,221	44	0	0,7245	2	19	13,467	44	0	0,207
3	16	13,55	45	0	0,6608	3	15	12,644	45	0	0,1865
4	22	14,093	46	1	0,6027	4	17	11,703	46	0	0,168
5	17	14,175	47	1	0,5495	5	11	10,754	47	0	0,1513
6	11	13,965	48	1	0,5009	6	11	9,8397	48	1	0,1363
7	16	13,566	49	1	0,4565	7	7	8,9769	49	0	0,1228
8	9	13,046	50	0	0,416	8	6	8,1727	50	0	0,1106
9	10	12,449	51	0	0,379	9	2	7,429	51	0	0,0996
10	12	11,809	52	0	0,3452	10	8	6,7448	52	0	0,0897
11	9	11,148	53	0	0,3144	11	3	6,1176	53	0	0,0808
12	12	10,481	54	1	0,2862	12	4	5,5443	54	0	0,0727
13	9	9,8223	55	0	0,2606	13	9	5,0214	55	0	0,0655
14	10	9,1788	56	0	0,2372	14	5	4,5452	56	0	0,059
15	6	8,5566	57	0	0,2159	15	2	4,1122	57	0	0,0531
16	7	7,9599	58	0	0,1965	16	4	3,7189	58	0	0,0478
17	12	7,3911	59	0	0,1788	17	1	3,362	59	0	0,0431
18	8	6,8517	60	0	0,1627	18	5	3,0384	60	0	0,0388
19	6	6,3425	61	0	0,148	19	1	2,7451	61	0	0,0349
20	3	5,8635	62	0	0,1346	20	3	2,4795	62	0	0,0314
21	6	5,4143	63	0	0,1224	21	1	2,239	63	0	0,0283
22	8	4,9942	64	0	0,1113	22	1	2,0215	64	0	0,0255
23	4	4,6023	65	2	0,1012	23	1	1,8247	65	1	0,2297
24	3	4,2374	66	1	0,092	24	1	1,6469			
25	2	3,8982	67	0	0,0836	25	4	1,4861			
26	5	3,5835	68	0	0,076	26	1	1,3408			
27	4	3,292	69	0	0,0691	27	2	1,2095			
28	0	3,0222	70	0	0,0628	28	1	1,091			
29	3	2,7729	71	0	0,057	29	1	0,984			
30	4	2,5427	72	0	0,0518	30	1	0,8873			
31	3	2,3305	73	0	0,0471	31	1	0,8001			
32	0	2,1349	74	0	0,0428	32	0	0,7214			
33	3	1,9549	75	0	0,0389	33	3	0,6504			
34	3	1,7893	76	0	0,0353	34	2	0,5863			
35	2	1,637	77	0	0,0321	35	0	0,5285			
36	1	1,4972	78	0	0,0291	36	1	0,4763			
37	2	1,3688	79	0	0,0264	37	1	0,4293			
38	1	1,251	80	0	0,024	38	0	0,3869			
39	0	1,1429	81	0	0,0218	39	0	0,3486			
40	0	1,0439	82	0	0,0198	40	0	0,3142			
41	0	0,9532	83	1	0,1937	41	0	0,2831			

42 1 0,8701
 Input data: Zapiski_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 640
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,51027132360845
 p = 0,253773535613825
 DF =21
 $X^2 = 24,3469$ $P(X^2) = 0,2766$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	58	80,67	21	1	1,226
2	101	90,92	22	2	0,937
3	104	85,16	23	0	0,716
4	75	74,35	24	1	0,546
5	67	62,56	25	0	0,416
6	48	51,45	26	2	0,317
7	38	41,66	27	0	0,241
8	31	33,35	28	0	0,183
9	26	26,48	29	1	0,576
10	25	20,88			
11	13	16,37			
12	8	12,79			
13	12	9,947			
14	8	7,714			
15	4	5,966			
16	5	4,604			
17	6	3,545			
18	1	2,725			
19	3	2,091			
20	0	1,602			

42 1 0,255
 Input data: Nevskij_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 696
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,42044632702155
 p = 0,167776735409076
 DF =32
 $X^2 = 35,9460$ $P(X^2) = 0,2888$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	40	55,13	21	2	5,649	41	0	0,191
2	78	65,17	22	4	4,795	42	0	0,16
3	71	65,64	23	3	4,067	43	0	0,135
4	62	62,28	24	6	3,447	44	0	0,113
5	58	57,28	25	1	2,919	45	0	0,095
6	50	51,68	26	4	2,47	46	0	0,08
7	45	46,02	27	1	2,089	47	1	0,067
8	32	40,6	28	3	1,765	48	0	0,056
9	45	35,56	29	0	1,491	49	0	0,047
10	31	30,98	30	1	1,259	50	0	0,04
11	22	26,87	31	1	1,062	51	0	0,033
12	26	23,21	32	2	0,896	52	0	0,028
13	16	20	33	1	0,756	53	0	0,024
14	21	17,18	34	0	0,637	54	1	0,122
15	14	14,73	35	1	0,537			
16	14	12,6	36	0	0,452			
17	13	10,76	37	1	0,381			
18	7	9,177	38	0	0,32			
19	15	7,816	39	0	0,27			
20	3	6,648	40	0	0,227			

Input data: Nos.2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 556
 Best method is
 Method 1 of 3

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	54	65,935	16	14	8,2397
2	69	64,108	17	5	7,0072
3	70	58,165	18	5	5,9557
4	49	51,512	19	6	5,0595
5	46	45,063	20	6	4,2962
6	33	39,128	21	4	3,6466
7	29	33,805	22	0	3,0941
8	29	29,102	23	3	2,6245
9	28	24,985	24	1	2,2254
10	27	21,406	25	1	1,8865
11	19	18,308	26	0	1,5988
12	13	15,637	27	1	1,3547
13	18	13,341	28	0	1,1476
14	9	11,37	29	2	0,9719
15	9	9,6827	30	0	0,823

Parameters:
 k = 1,15432810825568
 p = 0,157701786483991
 DF =29
 $X^2 = 27,2575$ $P(X^2) = 0,5578$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
31	0	0,6968	46	0	0,0565
32	1	0,5898	47	0	0,0477
33	0	0,4992	48	0	0,0403
34	1	0,4224	49	1	0,2195
35	0	0,3574			
36	0	0,3024			
37	0	0,2558			
38	1	0,2164			
39	0	0,183			
40	0	0,1547			
41	0	0,1308			
42	0	0,1106			
43	0	0,0935			
44	2	0,079			
45	0	0,0668			

Input data: NosK1_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 80
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,63062175819569
 p = 0,21943282558351
 DF =16
 X² = 9,0945 P(X²) = 0,9095

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	8	6,745	16	0	1,043
2	10	8,586	17	0	0,846
3	9	8,815	18	2	0,685
4	6	8,327	19	1	0,554
5	5	7,524	20	0	0,447
6	6	6,614	21	1	1,804
7	6	5,705			
8	8	4,855			
9	5	4,088			
10	5	3,415			
11	2	2,833			
12	3	2,338			
13	0	1,921			
14	2	1,572			
15	1	1,283			

Input data: NosK2_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 411
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,11434505626049
 p = 0,150087701598527
 DF =28
 X² = 31,6158 P(X²) = 0,2904

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	39	49,66	17	4	5,366	33	0	0,43						
2	49	47,03	18	3	4,591	34	1	0,367						
3	54	42,26	19	5	3,927	35	0	0,313						
4	38	37,29	20	5	3,358	36	0	0,267						
5	35	32,6	21	3	2,87	37	0	0,227						
6	24	28,34	22	0	2,452	38	1	0,194						
7	19	24,54	23	2	2,095	39	0	0,165						
8	19	21,2	24	0	1,79	40	0	0,141						
9	21	18,28	25	1	1,528	41	0	0,12						
10	19	15,73	26	0	1,305	42	0	0,102						
11	14	13,52	27	1	1,114	43	0	0,087						
12	9	11,61	28	0	0,951	44	2	0,074						
13	14	9,963	29	2	0,811	45	0	0,063						
14	6	8,542	30	0	0,692	46	0	0,054						
15	6	7,32	31	0	0,591	47	0	0,046						
16	13	6,268	32	1	0,504	48	0	0,039						
						49	1	0,225						

Input data: NosK3_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 65
 Best method is
 Method 2 of 3
 Parameters:
 k = 1,22646950389473
 p = 0,160083582650385
 DF =17
 X² = 8,4884 P(X²) = 0,9550

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	7	6,8718	15	2	1,2033
2	10	7,0788	16	1	1,0259
3	7	6,6189	17	1	0,8739
4	5	5,979	18	0	0,7438
5	6	5,3062	19	0	0,6326
6	3	4,6586	20	1	0,5376
7	4	4,0605	21	0	0,4567
8	2	3,5208	22	0	0,3877
9	2	3,0409	23	1	0,329
10	3	2,6184	24	1	1,8189
11	3	2,249			
12	1	1,9279			
13	4	1,6498			
14	1	1,4099			

Input data: BL_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 427
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,15440238379729
 p = 0,177630896014901
 DF =23
 X² = 15,3963 P(X²) = 0,8799

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	61	58,086	15	3	6,1019
2	59	55,144	16	6	5,0696
3	42	48,849	17	5	4,2094
4	41	42,24	18	6	3,4931
5	35	36,078	19	1	2,8972
6	32	30,585	20	3	2,402
7	26	25,8	21	2	1,9906
8	21	21,685	22	1	1,649
9	19	18,177	23	1	1,3656
10	18	15,205	24	1	1,1306
11	17	12,697	25	2	0,9357
12	13	10,588	26	0	0,7743
13	4	8,8194	27	0	0,6405
14	7	7,3389	28	1	3,0503

Input data: Me_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 615
 Best method is
 Method 1 of 3

Parameters:
 k = 1,07904484044716
 p = 0,150290781035913
 DF =30
 $X^2 = 39,6046$ $P(X^2) = 0,1128$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	77	79,57	17	10	7,6394	33	2	0,5951	49	0	0,0454
2	92	72,956	18	9	6,5215	34	0	0,5069	50	0	0,0386
3	64	64,441	19	6	5,5657	35	1	0,4317	51	0	0,0329
4	37	56,199	20	2	4,7489	36	1	0,3677	52	0	0,028
5	35	48,696	21	2	4,0511	37	0	0,3131	53	0	0,0238
6	37	42,032	22	4	3,4552	38	0	0,2666	54	0	0,0202
7	43	36,185	23	2	2,9465	39	1	0,227	55	0	0,0172
8	37	31,094	24	0	2,5123	40	0	0,1933	56	0	0,0147
9	39	26,682	25	3	2,1417	41	0	0,1646	57	0	0,0125
10	19	22,871	26	2	1,8256	42	0	0,1401	58	0	0,0106
11	22	19,588	27	0	1,5559	43	0	0,1193	59	0	0,009
12	14	16,763	28	1	1,326	44	1	0,1015	60	0	0,0077
13	14	14,338	29	0	1,1299	45	0	0,0864	61	0	0,0065
14	15	12,257	30	2	0,9627	46	0	0,0736	62	1	0,0373
15	13	10,474	31	1	0,8202	47	0	0,0626			
16	6	8,9465	32	0	0,6987	48	0	0,0533			

Input data: MeK1_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 58
 Best method is
 Method 1 of 3
 Parameters:
 k = 0,871727122338184
 p = 0,130722695948066
 DF =16
 $X^2 = 15,5489$ $P(X^2) = 0,4849$

Input data: MeK2_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 43
 Best method is
 Method 3 of 3
 Parameters:
 k = 1,49370167670837
 p = 0,16356809508948
 DF =16
 $X^2 = 21,8361$ $P(X^2) = 0,1486$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	11	9,843	16	0	0,776	31	0	0,087	1	6	2,877	16	0	0,869
2	10	7,459	17	1	0,669	32	0	0,075	2	4	3,595	17	0	0,749
3	5	6,068	18	1	0,577	33	0	0,065	3	2	3,749	18	0	0,645
4	1	5,049	19	0	0,498	34	0	0,056	4	0	3,652	19	0	0,554
5	2	4,248	20	0	0,43	35	1	0,366	5	6	3,432	20	0	0,476
6	5	3,598	21	0	0,371				6	3	3,154	21	0	0,408
7	3	3,061	22	0	0,321				7	6	2,855	22	0	0,349
8	2	2,612	23	0	0,277				8	5	2,556	23	1	0,299
9	4	2,234	24	0	0,24				9	3	2,27	24	0	0,255
10	1	1,915	25	1	0,207				10	1	2,003	25	1	1,455
11	4	1,643	26	0	0,179				11	2	1,758			
12	1	1,412	27	0	0,155				12	0	1,537			
13	3	1,214	28	0	0,134				13	1	1,338			
14	2	1,045	29	0	0,116				14	0	1,162			
15	0	0,9	30	0	0,1				15	2	1,006			

Input data: MeK3_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 60
 Best method is
 Method 1 of 3

Parameters:
 k = 0,90694589686672
 p = 0,134301978020896
 DF = 16
 $X^2 = 25,8286$ $P(X^2) = 0,0565$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	11	9,7134	17	3	0,7006	33	0	0,0654	49	0	0,0063
2	7	7,6264	18	2	0,6032	34	0	0,0565	50	0	0,0054
3	8	6,2949	19	0	0,5195	35	0	0,0488	51	0	0,0047
4	2	5,2805	20	0	0,4475	36	0	0,0421	52	0	0,004
5	7	4,465	21	0	0,3856	37	0	0,0364	53	0	0,0035
6	3	3,7934	22	0	0,3323	38	0	0,0314	54	0	0,003
7	0	3,233	23	0	0,2865	39	0	0,0271	55	0	0,0026
8	5	2,7616	24	0	0,247	40	0	0,0234	56	0	0,0023
9	3	2,3629	25	0	0,213	41	0	0,0202	57	0	0,002
10	1	2,0244	26	0	0,1837	42	0	0,0175	58	0	0,0017
11	1	1,7362	27	0	0,1585	43	0	0,0151	59	0	0,0015
12	2	1,4903	28	0	0,1367	44	0	0,013	60	0	0,0013
13	0	1,2802	29	0	0,118	45	0	0,0113	61	0	0,0011
14	1	1,1003	30	0	0,1018	46	0	0,0097	62	1	0,0069
15	0	0,9462	31	0	0,0878	47	0	0,0084			
16	3	0,814	32	0	0,0758	48	0	0,0073			

Input data: MeK4_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 47
 Best method is
 Method 1 of 3
 Parameters:
 k = 0,682205795846584
 p = 0,0963989294010827
 DF = 15
 $X^2 = 17,3343$ $P(X^2) = 0,2993$

Input data: MeK5_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 26
 Best method is
 Method 3 of 3
 Parameters:
 k = 1,21263096814745
 p = 0,11851764983588
 DF = 14
 $X^2 = 13,0514$ $P(X^2) = 0,5225$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	9,529	16	1	0,659	31	1	0,116	1	1	1,958	16	0	0,579
2	10	5,874	17	0	0,584	32	0	0,104	2	5	2,093	17	1	0,517
3	6	4,464	18	0	0,518	33	1	0,093	3	0	2,041	18	0	0,461
4	7	3,607	19	0	0,459	34	0	0,083	4	1	1,927	19	0	0,411
5	3	3	20	0	0,408	35	0	0,074	5	2	1,789	20	1	0,367
6	2	2,539	21	0	0,363	36	1	0,646	6	1	1,644	21	0	0,327
7	2	2,172	22	1	0,323				7	3	1,5	22	1	0,291
8	0	1,874	23	0	0,288				8	0	1,363	23	1	0,259
9	1	1,626	24	0	0,256				9	2	1,233	24	0	0,23
10	0	1,417	25	1	0,229				10	1	1,113	25	0	0,205
11	1	1,24	26	0	0,204				11	2	1,002	26	0	0,182
12	0	1,088	27	0	0,182				12	0	0,9	27	0	0,162
13	1	0,957	28	0	0,163				13	1	0,807	28	1	0,144
14	2	0,844	29	0	0,145				14	0	0,723	29	0	0,128
15	1	0,745	30	0	0,13				15	1	0,647	30	1	1

Input data: MeK6_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 161
 Best method is
 Method 2 of 3
 Parameters:
 k = 1,14681175080139
 p = 0,160293628800488
 DF =21
 X² = 31,1709 P(X²) = 0,0709

Input data: MeK7_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 63
 Best method is
 Method 1 of 3
 Parameters:
 k = 0,77657116276142
 p = 0,122059813576571
 DF =16
 X² = 19,9813 P(X²) = 0,2211

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	21	19,72	21	1	1	1	9	8,882	21	0	0,422	41	0	0,019
2	18	18,99	22	1	0,846	2	18	7,635	22	1	0,362	42	0	0,016
3	24	17,12	23	0	0,715	3	6	6,563	23	0	0,31	43	0	0,014
4	15	15,08	24	0	0,604	4	2	5,64	24	0	0,266	44	1	0,083
5	5	13,13	25	0	0,51	5	3	4,847	25	0	0,228			
6	8	11,35	26	1	0,431	6	4	4,164	26	1	0,196			
7	11	9,761	27	0	0,364	7	3	3,578	27	0	0,168			
8	8	8,369	28	0	0,307	8	3	3,073	28	0	0,144			
9	14	7,156	29	0	0,259	9	1	2,64	29	0	0,123			
10	3	6,107	30	1	0,219	10	2	2,267	30	0	0,106			
11	4	5,203	31	0	0,185	11	0	1,947	31	0	0,09			
12	7	4,428	32	0	0,156	12	1	1,671	32	0	0,077			
13	2	3,763	33	0	0,132	13	1	1,435	33	1	0,066			
14	3	3,196	34	0	0,111	14	1	1,232	34	0	0,057			
15	1	2,712	35	0	0,094	15	3	1,057	35	0	0,049			
16	1	2,299	36	0	0,079	16	1	0,907	36	0	0,042			
17	4	1,949	37	0	0,067	17	0	0,779	37	0	0,036			
18	5	1,65	38	0	0,056	18	0	0,668	38	0	0,031			
19	1	1,397	39	1	0,3	19	1	0,573	39	0	0,026			
20	1	1,182				20	0	0,492	40	0	0,022			

Input data: MeK8_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 51

Input data: MeK9_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 34

Parameters:
 min.size: 2
 k = 1,58692916115185
 p = 0,198472625004237
 DF =11
 X² = 17,7599 P(X²) = 0,0873

Parameters:
 min.size: 2
 k = 2,24531674104586
 p = 0,338247130481138
 DF =6
 X² = 8,0739 P(X²) = 0,2327

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	6	3,9181	12	0	1,6398	1	1	2,9817	12	0	0,6286
2	7	4,9836	13	0	1,3786	2	4	4,4303	13	0	0,4592
3	6	5,1668	14	4	1,1549	3	3	4,7573	14	0	0,333
4	2	4,9515	15	2	0,9645	4	2	4,4549	15	0	0,2399
5	2	4,5511	16	0	0,8033	5	3	3,8659	16	0	0,172
6	0	4,0761	17	0	0,6675	6	5	3,1954	17	0	0,1227
7	4	3,5867	18	1	3,1302	7	7	2,5535	18	0	0,0871
8	6	3,1159				8	1	1,9904	19	2	0,0616
9	3	2,6807				9	4	1,5222	20	0	0,0435
10	5	2,2888				10	1	1,1467	21	1	0,101
11	3	1,9422				11	0	0,8533			

Input data: MeK10_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 28
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,59643368722615
 p = 0,257078034682081
 DF =12
 $X^2 = 11,3002$ $P(X^2) = 0,5034$

X[i]	F[i]	NP[i]
1	2	0,8231
2	3	1,5876
3	1	2,121
4	3	2,4142
5	0	2,5094
6	1	2,4596
7	3	2,3134
8	3	2,1107
9	1	1,881
10	3	1,6453

Input data: MeK11_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 44
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,65901797175866
 p = 0,186833026678933
 DF =14
 $X^2 = 16,1181$ $P(X^2) = 0,3062$

X[i]	F[i]	NP[i]
1	4	2,7213
2	6	3,6712
3	3	3,969
4	2	3,9365
5	2	3,7284
6	5	3,4314
7	1	3,0968
8	4	2,7553
9	3	2,4251
10	1	2,1164

Input data: Markera_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 584
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,39404609619545
 p = 0,288902332065091
 DF =17
 $X^2 = 13,5070$ $P(X^2) = 0,7016$

X[i]	F[i]	NP[i]
1	100	103,4
2	108	102,5
3	92	87,28
4	66	70,22
5	55	54,85
6	37	42,08
7	32	31,89
8	21	23,95
9	27	17,87
10	8	13,26
11	8	9,803
12	9	7,221
13	9	5,303
14	3	3,886
15	3	2,841
16	2	2,073
17	1	1,511
18	0	1,099
19	0	0,799
20	0	0,58

Input data: Dama_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 326
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,17982570022392
 p = 0,143728863316102
 DF =29
 $X^2 = 34,8236$ $P(X^2) = 0,2104$

X[i]	F[i]	NP[i]
1	25	33,06
2	45	33,4
3	27	31,17
4	31	28,29
5	24	25,31
6	21	22,45
7	22	19,8
8	14	17,39
9	10	15,23
10	16	13,3
11	9	11,59
12	14	10,09
13	15	8,767
14	11	7,611
15	4	6,601
16	8	5,72
17	6	4,953
18	1	4,286
19	2	3,707
20	2	3,204

Input data: DamaK1_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 48
 Parameters:
 k = 1,51644974852952
 p = 0,149678218343018
 DF =18
 $X^2 = 18,2894$ $P(X^2) = 0,4367$

Input data: DamaK2_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 105
 Parameters:
 k = 1,26605840499188
 p = 0,168523892135355
 DF =10
 $X^2 = 21,0527$ $P(X^2) = 0,0207$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	2,694	21	0	0,568	1	7	11,02	21	0	0,681	41	0	0,02
2	3	3,474	22	1	0,495	2	21	11,6	22	0	0,573	42	0	0,017
3	2	3,717	23	0	0,431	3	7	10,93	23	0	0,482	43	0	0,014
4	4	3,705	24	0	0,375	4	12	9,891	24	0	0,406	44	0	0,012
5	5	3,557	25	1	0,325	5	5	8,771	25	0	0,341	45	0	0,01
6	0	3,337	26	0	0,282	6	9	7,681	26	0	0,287	46	0	0,008
7	2	3,082	27	0	0,245	7	9	6,67	27	1	0,241	47	0	0,007
8	2	2,814	28	0	0,212	8	3	5,757	28	0	0,202	48	0	0,006
9	5	2,547	29	0	0,184	9	0	4,946	29	1	0,17	49	0	0,005
10	3	2,29	30	0	0,159	10	4	4,234	30	1	0,142	50	0	0,004
11	0	2,048	31	0	0,138	11	3	3,614	31	0	0,12	51	0	0,003
12	4	1,823	32	0	0,119	12	5	3,078	32	0	0,1	52	0	0,003
13	3	1,617	33	0	0,103	13	7	2,616	33	0	0,084	53	0	0,002
14	2	1,43	34	1	0,089	14	3	2,219	34	0	0,07	54	0	0,002
15	0	1,26	35	0	0,077	15	1	1,88	35	0	0,059	55	0	0,002
16	2	1,109	36	0	0,066	16	3	1,591	36	0	0,049	56	0	0,001
17	0	0,973	37	1	0,409	17	0	1,345	37	0	0,041	57	0	0,001
18	1	0,853				18	0	1,136	38	1	0,035	58	0	0,001
19	0	0,746				19	1	0,959	39	0	0,029	59	1	0,005
20	1	0,651				20	0	0,808	40	0	0,024			

Input data: DamaK3_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 116
 k = 1,28795186702186
 p = 0,158157282395781
 DF =21
 $X^2 = 16,5992$ $P(X^2) = 0,7351$

Input data: DamaK4_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 57
 k = 1,28795186702186
 p = 0,158157282395781
 DF =21
 $X^2 = 16,5992$ $P(X^2) = 0,7351$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	10,8	16	1	2	31	0	0,18	1	8	5,84	16	2	1,13	31	0	0,2
2	17	11,7	17	4	1,72	32	0	0,16	2	4	5,38	17	2	1	32	0	0,18
3	12	11,3	18	0	1,47	33	0	0,13	3	6	4,87	18	0	0,89	33	0	0,16
4	11	10,4	19	0	1,26	34	0	0,11	4	4	4,38	19	1	0,8	34	0	0,14
5	10	9,38	20	0	1,07	35	0	0,1	5	4	3,93	20	1	0,71	35	0	0,12
6	9	8,35	21	1	0,92	36	0	0,08	6	3	3,52	21	0	0,63	36	1	1
7	7	7,37	22	2	0,78	37	0	0,07	7	4	3,15	22	0	0,56			
8	7	6,46	23	1	0,67	38	0	0,06	8	2	2,81	23	0	0,5			
9	4	5,63	24	0	0,57	39	0	0,05	9	1	2,51	24	0	0,45			
10	4	4,89	25	1	0,48	40	0	0,04	10	5	2,24	25	0	0,4			
11	3	4,24	26	0	0,41	41	1	0,23	11	3	2	26	0	0,35			
12	4	3,66	27	0	0,35				12	1	1,79	27	0	0,31			
13	4	3,16	28	1	0,3				13	1	1,59	28	0	0,28			
14	4	2,72	29	1	0,25				14	2	1,42	29	1	0,25			
15	2	2,33	30	0	0,22				15	1	1,26	30	0	0,22			

Input data: Futljar_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 277
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,39914427519995
 p = 0,176759498979475
 DF =25
 X² = 22,4295 P(X²) = 0,6108

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	16	24,517	21	1	1,8932
2	38	28,239	22	2	1,5882
3	28	27,887	23	1	1,3312
4	25	26,012	24	2	1,1149
5	22	23,551	25	1	0,9331
6	21	20,936	26	0	0,7804
7	19	18,382	27	1	0,6523
8	13	15,996	28	0	0,545
9	20	13,825	29	0	0,455
10	9	11,886	30	0	0,3798
11	14	10,176	31	0	0,3168
12	7	8,6811	32	0	0,2642
13	7	7,3844	33	3	0,2202
14	4	6,2658	34	0	0,1834
15	7	5,3053	35	0	0,1528
16	3	4,4837	36	0	0,1272
17	6	3,7833	37	0	0,1059
18	3	3,1877	38	0	0,0881
19	3	2,6824	39	0	0,0733
20	0	2,2547	40	0	0,061
			41	0	0,0507
			42	1	0,2483

Input data: Malciki_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 167
 Best method is
 Method 3 of 3
 Parameters:
 k = 0,895604255300932
 p = 0,169684920519111
 DF =18
 X² = 19,8269 P(X²) = 0,3426

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	28	34,102	21	1	0,563
2	32	25,36	22	0	0,4652
3	22	19,957	23	0	0,3844
4	13	15,994	24	1	0,3177
5	10	12,934	25	0	0,2627
6	7	10,515	26	0	0,2172
7	14	8,5787	27	0	0,1796
8	6	7,0168	28	0	0,1486
9	6	5,7501	29	0	0,1229
10	4	4,719	30	0	0,1017
11	2	3,8774	31	0	0,0841
12	2	3,1889	32	0	0,0696
13	5	2,6247	33	1	0,3349
14	3	2,1619			
15	2	1,7816			
16	1	1,469			
17	5	1,2118			
18	1	1			
19	1	0,8255			
20	0	0,6817			

Input data: Zapiski_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 640
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,559400665484
 p = 0,363240517937894
 DF =13
 $X^2 = 12,0886$ $P(X^2) = 0,5204$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	115	131,9	13	3	2,741
2	148	131	14	1	1,82
3	109	106,7	15	2	1,206
4	81	80,65	16	1	0,796
5	56	58,54	17	0	0,525
6	39	41,44	18	2	0,345
7	32	28,85	19	1	0,655
8	14	19,84			
9	17	13,52			
10	7	9,141			
11	9	6,146			
12	3	4,113			

Input data: Nevskij_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 696
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,45227005861322
 p = 0,244749952594934
 DF =21
 $X^2 = 12,2533$ $P(X^2) = 0,9325$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	81	90,13	13	16	11,08	25	1	0,515						
2	108	98,86	14	4	8,656	26	0	0,396						
3	92	91,55	15	6	6,748	27	0	0,304						
4	78	79,56	16	7	5,25	28	0	0,234						
5	66	66,88	17	2	4,078	29	0	0,179						
6	56	55,08	18	4	3,161	30	0	0,138						
7	41	44,74	19	3	2,448	31	1	0,106						
8	38	35,97	20	1	1,893	32	0	0,081						
9	29	28,7	21	2	1,462	33	0	0,062						
10	22	22,77	22	2	1,128	34	0	0,047						
11	23	17,97	23	0	0,869	35	0	0,036						
12	11	14,13	24	1	0,669	36	1	0,118						

Input data: Nos_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 556
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,11423814410713
 p = 0,219478983269269
 DF =21
 $X^2 = 17,2119$ $P(X^2) = 0,6982$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	90	102,62	16	3	3,609
2	103	89,247	17	1	2,837
3	74	73,638	18	1	2,2292
4	54	59,665	19	1	1,751
5	47	47,899	20	1	1,3749
6	39	38,241	21	1	1,0793
7	36	30,416	22	0	0,847
8	23	24,128	23	1	0,6645
9	21	19,101	24	0	0,5212
10	15	15,098	25	0	0,4088
11	17	11,919	26	1	0,3205
12	7	9,3996	27	0	0,2513
13	9	7,4064	28	0	0,197
14	7	5,8317	29	1	0,1544
15	1	4,5889	30	1	0,121

Input data: NosK1_3er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 80
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,09995247945315
 p = 0,384627199046277
 DF =9
 $X^2 = 9,7462$ $P(X^2) = 0,3714$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
31	0	0,0948	1	15	10,757
32	0	0,0742	2	12	13,901
33	1	0,268	3	8	13,259
			4	9	11,151
			5	12	8,7487
			6	7	6,5681
			7	6	4,7828
			8	4	3,4057
			9	0	2,3839
			10	3	1,6463
			11	0	1,1245
			12	2	0,7612
			13	1	0,5114
			14	1	1

Input data: NosK2_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 411
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,04729296900008
 p = 0,204626871428924
 DF =20
 $X^2 = 19,9470$ $P(X^2) = 0,4613$

Input data: NosK3_3er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 65
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,44644082531892
 p = 0,273995957178043
 DF =10
 $X^2 = 7,2325$ $P(X^2) = 0,7033$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	65	78,022	16	2	2,9389	31	0	0,0979	1	10	9,9918
2	77	64,992	17	1	2,3444	32	0	0,078	2	14	10,493
3	57	52,915	18	1	1,8699	33	1	0,305	3	9	9,3181
4	40	42,751	19	1	1,4912				4	5	7,7717
5	30	34,405	20	1	1,189				5	5	6,272
6	29	27,623	21	1	0,9479				6	3	4,9601
7	25	22,144	22	0	0,7557				7	5	3,869
8	17	17,732	23	1	0,6023				8	2	2,988
9	16	14,187	24	0	0,4801				9	5	2,2904
10	10	11,343	25	0	0,3826				10	2	1,7453
11	15	9,0646	26	1	0,3049				11	2	1,3237
12	5	7,2408	27	0	0,2429				12	0	1
13	8	5,7818	28	0	0,1936				13	0	0,753
14	5	4,6154	29	1	0,1542				14	1	0,5655
15	0	3,6834	30	1	0,1229				15	1	0,4236
									16	1	1,2352

Input data: BL_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 427
 Best method is
 Method 1 of 3
 k = 1,22031032695757
 p = 0,261051294297874
 DF =15
 $X^2 = 12,6192$ $P(X^2) = 0,6317$

Input data: Me_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 615
 Best method is
 Method 1 of 3
 k = 1,03204769559879
 p = 0,2089345973389
 DF =21
 $X^2 = 31,3562$ $P(X^2) = 0,0679$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	91	82,919	16	2	1,7796	1	121	122,2	16	1	4,038	31	0	0,123
2	71	74,772	17	2	1,3331	2	112	99,77	17	4	3,2	32	0	0,097
3	57	61,339	18	0	0,9979	3	57	80,19	18	1	2,537	33	0	0,077
4	51	48,655	19	1	2,9446	4	52	64,11	19	1	2,01	34	0	0,061
5	36	37,934				5	64	51,12	20	2	1,593	35	0	0,048
6	30	29,266				6	55	40,7	21	1	1,262	36	0	0,038
7	28	22,42				7	33	32,37	22	2	1	37	0	0,03
8	20	17,089				8	22	25,72	23	1	0,792	38	0	0,024
9	7	12,976				9	22	20,43	24	1	0,628	39	0	0,019
10	7	9,823				10	20	16,22	25	0	0,497	40	0	0,015
11	8	7,4186				11	10	12,87	26	1	0,394	41	0	0,012
12	9	5,5917				12	15	10,21	27	0	0,312	42	1	0,045
13	2	4,2079				13	8	8,1	28	0	0,247			
14	4	3,1621				14	2	6,424	29	0	0,196			

15 1 2,3734

15 5 5,093 30 1 0,155

Input data: MeK1_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 58
 Best method is
 Method 3 of 3
 Parameters:
 k = 0,89547348085275
 p = 0,174613169752659
 DF = 12
 $X^2 = 15,9084$ $P(X^2) = 0,1955$

X[i]	F[i]	NP[i]
1	17	12,154
2	9	8,9833
3	3	7,0272
4	5	5,5981
5	3	4,4998
6	6	3,6365
7	4	2,9492
8	2	2,3979
9	5	1,9533
10	0	1,5935
11	0	1,3015
12	2	1,0641
13	0	0,8706
14	0	0,7128
15	0	0,5839

Input data: MeK2_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 43
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,02907679888976
 p = 0,366927221821069
 DF = 8
 $X^2 = 11,5463$ $P(X^2) = 0,1726$

X[i]	F[i]	NP[i]
1	8	5,623
2	4	7,223
3	3	6,9255
4	6	5,8883
5	9	4,6868
6	5	3,5777
7	3	2,6534
8	0	1,9268
9	1	1,3767
10	2	0,9712
11	0	0,6781
12	0	0,4695
13	0	0,3227
14	0	0,2205
15	0	0,1498

Input data: MeK3_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 60
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,19163933779214
 p = 0,261496856280894
 DF = 9
 $X^2 = 12,1966$ $P(X^2) = 0,2025$

X[i]	F[i]	NP[i]
1	11	12,13
2	15	10,68
3	6	8,641
4	6	6,789
5	3	5,254
6	5	4,029
7	2	3,07
8	2	2,33
9	0	1,762
10	1	1,329
11	4	1
12	4	0,751
13	0	0,564
14	0	0,423
15	0	0,316

Input data: MeK4_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 47
 Best method is
 Method 1 of 3
 Parameters:
 k = 0,692015566369212
 p = 0,146767036530763
 DF = 11
 $X^2 = 17,9904$ $P(X^2) = 0,0818$

X[i]	F[i]	NP[i]
1	9	12,46
2	12	7,355
3	10	5,309
4	2	4,065
5	2	3,201
6	1	2,563
7	1	2,075
8	0	1,692
9	3	1,388
10	1	1,144
11	1	0,946
12	0	0,785
13	0	0,652
14	0	0,543
15	1	0,453

Input data: MeK5_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 26
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,0597816011481
 p = 0,142214089021167
 DF =11
 $X^2 = 7,0859$ $P(X^2) = 0,7921$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	3,2906	16	0	0,4008
2	1	2,9914	17	0	0,3451
3	2	2,6427	18	0	0,297
4	2	2,312	19	1	0,2556
5	3	2,0129	20	1	1,5696
6	2	1,7472			
7	3	1,5137			
8	0	1,3095			
9	1	1,1317			
10	1	0,9772			
11	1	0,8432			
12	0	0,7272			
13	1	0,6269			
14	0	0,5402			
15	2	0,4654			

Input data: MeK6_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 161
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,08378107626141
 p = 0,221442875210793
 DF =15
 $X^2 = 22,3176$ $P(X^2) = 0,0997$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	30	31,422	16	0	0,9661
2	33	26,513	17	0	0,7561
3	18	21,507	18	1	0,5916
4	10	17,212	19	0	0,4627
5	18	13,681	20	1	0,3618
6	15	10,83	21	0	0,2829
7	4	8,5496	22	0	0,2211
8	10	6,736	23	0	0,1728
9	4	5,2993	24	0	0,135
10	2	4,1642	25	0	0,1055
11	3	3,2692	26	1	0,376
12	7	2,5647			
13	2	2,0107			
14	1	1,5755			
15	1	1,234			

Input data: MeK7_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 63
 Best method is
 Method 1 of 3
 Parameters:
 k = 0,506017422026192
 p = 0,120641408549025
 DF =13
 $X^2 = 5,4565$ $P(X^2) = 0,9637$

X[i]	F[i]	NP[i]	X[i]
1	20	21,6054	16
2	13	9,6138	17
3	4	6,3659	18
4	5	4,6761	19
5	4	3,6042	20
6	3	2,8563	21
7	2	2,3049	22
8	1	1,8838	23
9	2	1,5542	24
10	3	1,2917	25
11	1	1,0798	26
12	0	0,9069	27
13	1	0,7646	28
14	0	0,6468	29
15	1	0,5487	30

Input data: MeK8_3er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 51
 Best method is
 Method 1 of 3
 min.size: 4
 k = 1,72188591385332
 p = 0,280032742337847
 DF =6
 $X^2 = 14,2958$ $P(X^2) = 0,0265$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	0	0,4666	1	10	5,6981
2	1	0,3977	2	9	7,0639
3	0	0,3395	3	2	6,9214
4	0	0,2904	4	2	6,1823
5	0	0,2487	5	7	5,2544
6	0	0,2133	6	6	4,3291
7	1	0,1832	7	6	3,4918
8	0	0,1574	8	2	2,7733
9	0	0,1355	9	0	2,1768
10	0	0,1167	10	6	1,693
11	0	0,1006	11	0	1,3069
12	0	0,0868	12	1	4,109
		0,0749			
		0,0647			
		0,4209			

Input data: MeK9_3er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 34
 Best method is
 Method 1 of 3
 Parameters:
 k = 3,29087522269158
 p = 0,524611741186266
 DF =6
 $X^2 = 10,2097$ $P(X^2) = 0,1161$

X[i]	F[i]	NP[i]
1	2	4,0691
2	6	6,3659
3	3	6,4927
4	7	5,4435
5	8	4,0699
6	4	2,8212
7	1	1,8533
8	0	1,1693
9	0	0,7151
10	0	0,4265
11	0	0,2492
12	0	0,1431
13	2	0,081
14	1	0,1002

Input data: MeK10_3er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 28
 Best method is
 Method 1 of 3
 Parameters:
 k = 3,60711014364469
 p = 0,440675572213112
 DF =9
 $X^2 = 9,6220$ $P(X^2) = 0,3819$

X[i]	F[i]	NP[i]
1	3	1,457
2	3	2,9395
3	3	3,7874
4	1	3,9593
5	6	3,658
6	1	3,1128
7	5	2,4976
8	2	1,9173
9	1	1,4218
10	1	1,0256
11	0	0,7232
12	1	0,5004
13	1	1

Input data: MeK11_3er.dat
 Distribution: Negative
 binomial (k,p)
 Sample size: 44
 Best method is
 Method 1 of 3
 min. size 3
 k = 2,40633949793485
 p = 0,33956727051492
 DF =6
 $X^2 = 12,9595$ $P(X^2) = 0,0437$

X[i]	F[i]	NP[i]
1	6	3,2712
2	7	5,1986
3	3	5,8475
4	6	5,6723
5	1	5,0633
6	7	4,2845
7	2	3,4928
8	3	2,7702
9	5	2,1512
10	3	1,6427
11	0	1,2375
12	0	0,9218
13	1	2,4465

Input data: Markera_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 584
 Best method is
 Method 2 of 3
 Parameters:
 k = 1,44369705557564
 p = 0,401810271017889
 DF =11
 $X^2 = 6,4399$ $P(X^2) = 0,8425$

X[i]	F[i]	NP[i]	X[i]*
1	156	156,58	1
2	144	135,22	2
3	91	98,835	3
4	67	67,866	4
5	46	45,1	5
6	34	29,372	6
7	13	18,87	7
8	12	12,003	8
9	10	7,5783	9
10	5	4,7568	10
11	3	2,9717	11
12	0	1,8493	12
13	0	1,1472	13
14	2	0,7096	14
15	1	1,1357	15

Input data: Dama_3er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 326
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,14645292667433
 p = 0,202982346370635
 DF =20
 $X^2 = 22,6980$ $P(X^2) = 0,3039$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
16	1	2,7891	31	0	0,1024
17	2	2,2433	32	0	0,082
18	1	1,8033	33	0	0,0657
19	3	1,449	34	0	0,0526
20	2	1,1638	35	0	0,0421
21	0	0,9343	36	0	0,0337
22	0	0,7499	37	0	0,027
23	1	0,6016	38	0	0,0216
24	1	0,4826	39	1	0,0862
25	1	0,387			
26	1	0,3102			
27	1	0,2486			
28	0	0,1993			
29	0	0,1596			
30	0	0,1279			

Input data: DamaK1_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 48
 Best method is
 Method 3 of 3
 Parameters:
 k = 1,46140602228609
 p = 0,183763152816487
 DF =15
 $X^2 = 13,6009$ $P(X^2) = 0,5560$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	7	4,037	16	0	0,773
2	3	4,815	17	1	0,649
3	8	4,837	18	0	0,544
4	1	4,555	19	0	0,456
5	3	4,147	20	0	0,381
6	6	3,698	21	0	0,318
7	3	3,25	22	0	0,265
8	4	2,828	23	1	0,221
9	4	2,441	24	0	0,184
10	1	2,095	25	1	0,897
11	2	1,789			
12	1	1,521			
13	0	1,29			
14	1	1,09			
15	1	0,919			

Input data: DamaK2_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 105
 Best method is
 Method 1 of 3
 Parameters:
 k = 0,975794478691907
 p = 0,192629299636514
 DF =15
 $X^2 = 21,8049$ $P(X^2) = 0,1130$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	19	21,05	16	0	0,784	31	0	0,031						
2	16	16,58	17	0	0,632	32	0	0,025						
3	15	13,23	18	1	0,51	33	0	0,02						
4	11	10,59	19	1	0,411	34	0	0,016						
5	12	8,5	20	1	0,331	35	0	0,013						
6	0	6,83	21	0	0,267	36	0	0,011						
7	6	5,492	22	0	0,215	37	0	0,009						
8	6	4,419	23	0	0,174	38	0	0,007						
9	8	3,557	24	0	0,14	39	1	0,029						
10	3	2,864	25	0	0,113									
11	3	2,307	26	1	0,091									
12	0	1,858	27	0	0,074									
13	1	1,497	28	0	0,059									
14	0	1,207	29	0	0,048									
15	0	0,972	30	0	0,039									

Input data: DamaK3_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 116
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,35273987444426
 p = 0,239736887986596
 DF =14
 $X^2 = 7,2485$ $P(X^2) = 0,9247$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	14	16,804	16	1	0,816
2	20	17,281	17	1	0,634
3	15	15,456	18	0	0,492
4	15	13,132	19	1	0,3814
5	12	10,864	20	1	0,2954
6	6	8,8423	21	0	0,2285
7	7	7,1177	22	0	0,1766
8	4	5,684	23	0	0,1364
9	7	4,5119	24	0	0,1053
10	3	3,5647	25	0	0,0813
11	3	2,8057	26	0	0,0626
12	2	2,2015	27	1	0,2092
13	0	1,7229			
14	1	1,3454			
15	2	1,0486			

Input data: DamaK4_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 57
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,20623389849792
 p = 0,20476882844125
 DF =13
 $X^2 = 6,0253$ $P(X^2) = 0,9452$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	9	8,4158	16	0	0,5205
2	9	8,0728	17	0	0,4193
3	6	7,0817	18	0	0,3375
4	5	6,0187	19	1	0,2714
5	5	5,0331	20	0	0,2182
6	2	4,1675	21	0	0,1753
7	6	3,4281	22	0	0,1408
8	3	2,8064	23	0	0,113
9	3	2,2893	24	1	0,4561
10	1	1,8622			
11	2	1,5114			
12	2	1,2245			
13	2	0,9905			
14	0	0,8002			
15	0	0,6457			

Input data: Futljar_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 277
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,42786424413015
 p = 0,254470899986327
 DF =17
 $X^2 = 10,2695$ $P(X^2) = 0,8919$

X[i]	F[i]	NP[i]
1	32	39,248
2	50	41,78
3	35	37,811
4	33	32,21
5	25	26,582
6	27	21,514
7	15	17,183
8	15	13,593
9	11	10,676
10	7	8,3378
11	6	6,482
12	6	5,0205
13	3	3,8764
14	1	2,9851
15	2	2,2935

Input data: Malciki_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 167
 Best method is
 Method 1 of 3
 Parameters:
 k = 0,91123250551531
 p = 0,231726151106847
 DF =13
 $X^2 = 12,0855$ $P(X^2) = 0,5206$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	1,7586	1	43	44,062
2	1	1,3462	2	39	30,847
3	1	1,0289	3	15	22,647
4	0	0,7853	4	15	16,884
5	0	0,5986	5	16	12,684
6	0	0,4558	6	10	9,5716
7	3	0,3468	7	5	7,2448
8	0	0,2636	8	3	5,4954
9	0	0,2001	9	7	4,1751
10	0	0,1519	10	3	3,176
11	0	0,1152	11	4	2,4184
12	0	0,0873	12	3	1,843
13	1	0,2708	13	1	1,4054
			14	1	1,0724
			15	0	0,8187

Input data: Zapiski_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 640
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,61110288252414
 p = 0,448553063355828
 DF =10
 $X^2 = 9,5950$ $P(X^2) = 0,4767$

Input data: Nevskij_4er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 696
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,44687995240262
 p = 0,30621835209256
 DF =17
 $X^2 = 8,6652$ $P(X^2) = 0,9502$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	159	175,88	1	118	125,591	16	3	2,0172
2	179	156,258	2	133	126,071	17	1	1,4386
3	115	112,497	3	108	107,009	18	1	1,0243
4	69	74,6729	4	77	85,2995	19	1	0,7283
5	51	47,4692	5	76	65,7907	20	0	0,5172
6	21	29,3761	6	48	49,7239	21	0	0,3668
7	20	17,8493	7	37	37,0669	22	0	0,2599
8	9	10,7022	8	28	27,3581	23	0	0,184
9	7	6,3525	9	20	20,0408	24	1	0,1301
10	3	3,7409	10	18	14,5943	25	0	0,092
11	3	2,189	11	6	10,5777	26	0	0,0649
12	1	1,2742	12	9	7,6368	27	1	0,155
13	2	0,7384	13	5	5,4956			
14	0	0,4263	14	4	3,9438			
15	1	0,5737	15	1	2,8235			

Input data: Nos_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 556
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,13728038754048
 p = 0,284381532086145
 DF =15
 $X^2 = 13,6948$ $P(X^2) = 0,5488$

Input data: NosK1_4er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 80
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,21821510655106
 p = 0,463373278420005
 DF =7
 $X^2 = 4,9803$ $P(X^2) = 0,6624$

Input data: NosK2_4er.dat#
 Distribution: Negative binomial (k,p)
 Sample size: 411
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,06586412180804
 p = 0,26634695109152
 DF =15
 $X^2 = 16,7888$ $P(X^2) = 0,3316$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	123	133	16	1	1,368	1	18	14,52	1	88	100,3	16	1	1,195
2	119	108,3	17	1	0,987	2	15	17,29	2	92	78,46	17	1	0,88
3	79	82,81	18	0	0,712	3	11	14,93	3	59	59,46	18	0	0,648
4	58	61,97	19	1	0,514	4	14	11,26	4	38	44,58	19	1	0,477
5	55	45,87	20	0	0,37	5	10	7,885	5	40	33,24	20	0	0,351
6	32	33,73	21	0	0,267	6	5	5,262	6	23	24,71	21	0	0,259
7	27	24,69	22	2	0,192	7	2	3,397	7	20	18,33	22	2	0,19
8	23	18,01	23	0	0,138	8	1	2,14	8	19	13,57	23	0	0,14
9	10	13,11	24	0	0,1	9	2	1,323	9	7	10,04	24	0	0,103
10	12	9,526	25	1	0,255	10	1	0,806	10	10	7,42	25	1	0,287
11	4	6,911				11	1	1,185	11	3	5,479			
12	4	5,007							12	2	4,044			
13	1	3,624							13	1	2,983			
14	1	2,621							14	1	2,2			
15	2	1,894							15	2	1,621			

Input data: NosK3_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 65
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,14284185050731
 p = 0,271259378025169
 DF =8
 $X^2 = 3,1788$ $P(X^2) = 0,9226$

Input data: BL_4er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 427
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,29950154064309
 p = 0,346405137112751
 DF =11
 $X^2 = 9,6868$ $P(X^2) = 0,5588$

Input data: Me_4er.dat#
 Distribution: Negative binomial (k,p)
 Sample size: 615
 Best method is
 Method 1 of 3
 Parameters:
 k = 0,964001408900629
 p = 0,250145678493789
 DF =17
 $X^2 = 19,8496$ $P(X^2) = 0,2820$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	17	14,63	1	120	107,7	1	169	161,7	15	2	2,553	29	0	0,044
2	12	12,19	2	83	91,45	2	101	116,9	16	1	1,91	30	0	0,033
3	9	9,516	3	67	68,73	3	72	86,07	17	2	1,429	31	1	0,099
4	6	7,265	4	47	49,4	4	80	63,77	18	2	1,069			
5	5	5,483	5	37	34,71	5	58	47,39	19	0	0,8			
6	4	4,11	6	30	24,04	6	36	35,28	20	1	0,599			
7	5	3,067	7	11	16,5	7	29	26,29	21	0	0,448			
8	3	2,28	8	9	11,25	8	19	19,62	22	1	0,336			
9	1	1,691	9	11	7,625	9	19	14,64	23	0	0,251			
10	1	1,252	10	4	5,149	10	8	10,94	24	0	0,188			
11	0	0,926	11	3	3,466	11	6	8,171	25	0	0,141			
12	2	2,588	12	2	2,327	12	2	6,107	26	0	0,105			
			13	2	1,559	13	5	4,566	27	0	0,079			
			14	1	3,122	14	1	3,414	28	0	0,059			

Input data: MeK1_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 58
 Best method is
 Method 1 of 3
 Parameters:
 k = 0,832922767780838
 p = 0,23257899246379
 DF =8
 $X^2 = 10,0010$ $P(X^2) = 0,2650$

Input data: MeK2_4er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 43
 Best method is
 Method 3 of 3
 Parameters:
 k = 2,94567066405051
 p = 0,54217267302728
 DF =5
 $X^2 = 11,0302$ $P(X^2) = 0,0508$

Input data: MeK3_4er.dat#
 Distribution: Negative binomial (k,p)
 Sample size: 60
 Best method is
 Method 1 of 3
 Parameters:
 k = 0,778445480996702
 p = 0,228944882927472
 DF =8
 $X^2 = 7,9722$ $P(X^2) = 0,4362$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	21	17,21	17	0	0,138	1	10	7,085	1	18	19,04	17	0	0,135
2	6	11	18	1	0,44	2	2	9,555	2	10	11,43	18	0	0,102
3	7	7,738				3	9	8,63	3	10	7,837	19	0	0,078
4	5	5,607				4	11	6,513	4	5	5,596	20	0	0,059
5	5	4,124				5	4	4,433	5	4	4,076	21	0	0,045
6	5	3,059				6	2	2,819	6	3	3,004	22	0	0,035
7	5	2,282				7	1	1,709	7	1	2,231	23	0	0,026
8	0	1,709				8	2	1	8	3	1,665	24	0	0,02
9	2	1,285				9	0	0,569	9	5	1,249	25	0	0,015
10	0	0,967				10	0	0,317	10	0	0,939	26	0	0,012
11	0	0,73				11	0	0,173	11	0	0,708	27	0	0,009
12	0	0,552				12	1	0,093	12	0	0,535	28	0	0,007
13	1	0,418				13	1	0,104	13	0	0,405	29	0	0,005
14	0	0,316							14	0	0,307	30	0	0,004
15	0	0,24							15	0	0,233	31	1	0,013

16 0 0,182
 Input data: MeK4_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 47
 Best method is
 Method 1 of 3
 Parameters:
 k = 0,455893367485241
 p = 0,129108578057378
 DF =9
 X² = 9,0869 P(X²) = 0,4293

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	15	18,48	16	1	0,272
2	13	7,339	17	1	0,229
3	5	4,652	18	1	1,285
4	2	3,317			
5	1	2,496			
6	1	1,937			
7	3	1,534			
8	2	1,232			
9	0	1			
10	0	0,818			
11	1	0,674			
12	0	0,558			
13	1	0,464			
14	0	0,387			
15	0	0,324			

16 0 0,177
 Input data: MeK5_4er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 26
 Best method is
 Method 1 of 3
 Parameters:
 k = 0,957083095613719
 p = 0,157505215235398
 DF =8
 X² = 4,1313 P(X²) = 0,8451

X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	6	4,433	1	39	39,64
2	1	3,575	2	39	31,68
3	3	2,947	3	13	23,97
4	3	2,447	4	19	17,8
5	3	2,04	5	17	13,09
6	2	1,704	6	11	9,573
7	1	1,425	7	5	6,973
8	1	1,193	8	2	5,065
9	1	1	9	9	3,671
10	1	0,838	10	2	2,657
11	1	0,703	11	2	1,92
12	1	0,59	12	0	1,386
13	0	0,496	13	1	1
14	1	0,416	14	0	0,721
15	1	2,192	15	1	0,519

16 0 0,177
 Input data: MeK6_4er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 161
 Best method is
 Method 2 of 3
 Parameters:
 k = 1,11892441290844
 p = 0,285762414062357
 DF =11
 X² = 19,4302 P(X²) = 0,0538

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
16	0	0,374			
17	0	0,269			
18	0	0,193			
19	0	0,139			
20	1	0,355			

Input data: MeK7_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 63
 Best method is
 Method 3 of 3
 Parameters:
 k = 0,484272831569946
 p = 0,146126855564792
 DF =11
 X² = 7,2225 P(X²) = 0,7808

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	27	24,822	16	0	0,3114
2	8	10,264	17	1	0,2573
3	7	6,5043	18	0	0,2131
4	6	4,5991	19	0	0,1767
5	3	3,4207	20	0	0,1468
6	1	2,6196	21	0	0,1221
7	2	2,0445	22	1	0,6245
8	4	1,6172			
9	0	1,2918			
10	1	1,0399			
11	1	0,8421			
12	0	0,6853			
13	1	0,56			
14	0	0,4592			

Input data: MeK8_4er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 51
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,83984034696071
 p = 0,510695794510515
 DF =6
 X² = 14,4765 P(X²) = 0,0247

X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	13	7,5648	1	5	5,3778
2	8	10,512	2	5	6,95
3	2	9,8749	3	8	6,3388
4	10	7,7951	4	8	4,9778
5	8	5,5685	5	5	3,5935
6	3	3,7273	6	0	2,4576
7	4	2,383	7	0	1,6184
8	2	1,4725	8	0	1,0365
9	1	2,1022	9	0	0,6497
			10	2	0,4004
			11	1	0,5995

Input data: MeK9_4er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 34
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,4302243845523
 p = 0,468223895948149
 DF =6
 X² = 9,6122 P(X²) = 0,1420

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	5,3778			
2	5	6,95			
3	8	6,3388			
4	8	4,9778			
5	5	3,5935			
6	0	2,4576			
7	0	1,6184			
8	0	1,0365			
9	0	0,6497			
10	2	0,4004			
11	1	0,5995			

15 0 0,3777
 Input data: MeK10_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 28
 Best method is
 Method 1 of 3
 Parameters:
 k = 3,752929231974
 p = 0,53726596145826
 DF =6
 $X^2 = 6,9836$ $P(X^2) = 0,3224$

X[i]	F[i]	NP[i]
1	5	2,7201
2	4	4,7237
3	1	5,1945
4	6	4,6094
5	4	3,6009
6	4	2,5836
7	1	1,7441
8	1	1,1244
9	1	0,6994
10	1	1,0001

Input data: MeK11_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 44
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,82496991196983
 p = 0,483258645524256
 DF =6
 $X^2 = 11,1684$ $P(X^2) = 0,0833$

X[i]	F[i]	NP[i]
1	10	5,6399
2	5	8,233
3	7	8,1363
4	5	6,762
5	4	5,0884
6	4	3,5891
7	6	2,4187
8	2	1,5757
9	0	1
10	1	1,5569

Input data: Markera_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 584
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,44555868554736
 p = 0,485163356024217
 DF =8
 $X^2 = 2,7763$ $P(X^2) = 0,9476$

X[i]	F[i]	NP[i]
1	208	205,28
2	158	152,774
3	92	96,1763
4	53	56,8691
5	35	32,5396
6	17	18,2454
7	12	10,091
8	5	5,5259
9	1	3,0034
10	0	1,6228
11	2	0,8727
12	1	1

Input data: Dama_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 326
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,20847364938087
 p = 0,27888454684711
 DF =14
 $X^2 = 15,8213$ $P(X^2) = 0,3244$

X[i]	F[i]	NP[i]
1	70	69,667
2	58	60,711
3	45	48,343
4	36	37,284
5	26	28,287
6	23	21,249
7	26	15,855
8	12	11,774
9	7	8,7116
10	4	6,4276
11	4	4,7317
12	1	3,4767
13	2	2,5507
14	2	1,8688
15	4	1,3677

Input data: DamaK1_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 48
 Best method is
 Method 3 of 3
 Parameters:
 k = 2,01476583641395
 p = 0,330585493926218
 DF =10
 $X^2 = 6,4006$ $P(X^2) = 0,7806$

X[i]	F[i]	NP[i]
1	8	5,1607
2	6	6,9603
3	5	7,0234
4	4	6,2919
5	8	5,2804
6	4	4,2522
7	5	3,3279
8	2	2,5507
9	1	1,9241
10	1	1,4332
11	1	1,0568
12	0	0,7727
13	1	0,561
14	0	0,4048
15	0	0,2907

Input data: DamaK2_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 105
 Best method is
 Method 1 of 3
 Parameters:
 k = 0,925482794700629
 p = 0,246243530372938
 DF =11

$X^2 = 16,8294$ $P(X^2) = 0,1130$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	28	28,702	16	0	0,3214
2	19	20,022	17	0	0,2411
3	14	14,529	18	0	0,1809
4	12	10,68	19	1	0,1358
5	4	7,8999	20	0	0,102
6	8	5,8658	21	0	0,0766
7	10	4,3665	22	0	0,0575
8	4	3,2562	23	0	0,0432
9	0	2,4315	24	0	0,0325
10	1	1,8176	25	0	0,0244
11	0	1,3598	26	0	0,0183
12	0	1,018	27	0	0,0138
13	0	0,7626	28	0	0,0104
14	1	0,5715	29	0	0,0078
15	2	0,4285	30	1	0,0236

Input data: DamaK3_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 116
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,21644050063257
 p = 0,276773152717931
 DF =11

$X^2 = 5,9842$ $P(X^2) = 0,8744$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	22	24,313	16	0	0,3735
2	23	21,39	17	0	0,2738
3	19	17,144	18	0	0,2005
4	14	13,293	19	0	0,1468
5	8	10,134	20	0	0,1074
6	7	7,6466	21	1	0,2906
7	8	5,7297			
8	3	4,272			
9	4	3,1732			
10	0	2,3502			
11	3	1,7365			
12	1	1,2806			
13	1	0,9429			
14	1	0,6933			
15	1	0,5091			

Input data: DamaK4_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 57
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,29496420329472
 p = 0,280680653995525
 DF =9

$X^2 = 2,3723$ $P(X^2) = 0,9841$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	12	10,998	16	0	0,1968
2	10	10,245	17	0	0,1442
3	7	8,4562	18	1	0,3905
4	6	6,6808			
5	6	5,16			
6	4	3,9306			
7	3	2,9664			
8	3	2,2237			
9	2	1,6585			
10	2	1,2321			
11	0	0,9124			
12	0	0,6739			
13	0	0,4967			
14	0	0,3654			
15	1	0,2684			

Input data: Futljar_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 277
 Best method is
 Method 3 of 3
 Parameters:
 k = 1,2627753704851
 p = 0,291393096368246
 DF =14

$X^2 = 6,4524$ $P(X^2) = 0,9538$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	54	58,376	16	0	0,7586
2	53	52,236	17	3	0,5463
3	43	41,878	18	0	0,3931
4	32	32,274	19	0	0,2826
5	29	24,372	20	0	0,2031
6	21	18,178	21	1	0,5144
7	11	13,445			
8	10	9,885			
9	9	7,2346			
10	3	5,2762			
11	3	3,837			
12	3	2,7839			
13	1	2,0159			
14	1	1,4573			
15	0	1,0521			

Input data: Malciki_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 167
 Best method is
 Method 1 of 3

Parameters:
 $k = 0,767230404416029$
 $p = 0,255237085445407$
 DF = 11
 $X^2 = 11,7128$ $P(X^2) = 0,3856$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	60	58,5741	7	8	5,3951	13	0	0,7892
2	35	33,4695	8	3	3,8845	14	0	0,5773
3	17	22,0258	9	6	2,8088	15	0	0,4228
4	20	15,1312	10	1	2,0378	16	0	0,31
5	10	10,6134	11	1	1,4824	17	1	0,8611
6	4	7,5365	12	1	1,0806			

Input data: Zapiski_5er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 640
 Best method is Method 1 of 3
 Parameters:
 k = 1,51756326726467
 p = 0,505445970032436
 DF =8
 $X^2 = 5,8607$ $P(X^2) = 0,6628$

Input data: Nevskij_5er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 696
 Best method is Method 1 of 3
 Parameters:
 k = 1,51303614186862
 p = 0,380528892794493
 DF =12
 $X^2 = 5,3861$ $P(X^2) = 0,9438$

Input data: Nos_5er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 556
 Best method is Method 3 of 3
 Parameters:
 k = 1,0130875654004
 p = 0,318878571383074
 DF =13
 $X^2 = 12,9633$ $P(X^2) = 0,4507$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	217	227,2	1	152	161,3	15	1	0,887	1	159	174,7	16	1	0,575
2	188	170,5	2	157	151,2	16	0	0,568	2	129	120,5	17	0	0,392
3	104	106,2	3	116	117,7	17	0	0,363	3	80	82,63	18	2	0,267
4	64	61,57	4	87	85,38	18	0	0,232	4	66	56,53	19	0	0,182
5	27	34,39	5	56	59,68	19	1	0,148	5	40	38,63	20	1	0,39
6	18	18,77	6	43	40,76	20	0	0,094	6	28	26,38			
7	11	10,08	7	32	27,41	21	0	0,06	7	19	18,01			
8	4	5,355	8	20	18,22	22	1	0,103	8	17	12,29			
9	3	2,82	9	8	12,01				9	5	8,383			
10	1	1,475	10	8	7,866				10	4	5,718			
11	2	0,767	11	6	5,123				11	1	3,9			
12	1	0,818	12	3	3,321				12	2	2,659			
			13	4	2,145				13	1	1,813			
			14	1	1,382				14	1	1,236			
									15	0	0,843			

Input data: NosK1_5er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 80
 Best method is Method 1 of 3
 Parameters:
 k = 2,60724565469972
 p = 0,574822026888826
 DF =5
 $X^2 = 1,2610$ $P(X^2) = 0,9389$

Input data: NosK2_5er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 411
 Best method is Method 1 of 3
 Parameters:
 k = 0,972220693223636
 p = 0,298753824638541
 DF =13
 $X^2 = 12,2753$ $P(X^2) = 0,5052$

Input data: NosK3_5er.dat#
 Distribution: Negative binomial (k,p)
 Sample size: 65
 Best method is Method 1 of 3
 Parameters:
 k = 1,27919211735961
 p = 0,360467712543302
 DF =6
 $X^2 = 4,0766$ $P(X^2) = 0,6663$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	20	18,886	1	118	126,98	16	1	0,5643	1	21	17,622
2	18	20,936	2	97	86,57	17	0	0,395	2	14	14,417
3	18	16,055	3	54	59,864	18	2	0,2765	3	8	10,507
4	12	10,483	4	48	41,59	19	0	0,1936	4	6	7,3448
5	5	6,2482	5	30	28,963	20	1	0,4525	5	5	5,0251
6	3	3,5106	6	19	20,197				6	6	3,3932
7	0	1,8924	7	17	14,098				7	2	2,271
8	3	0,9894	8	13	9,8466				8	1	1,5103
9	1	1	9	3	6,8809				9	1	0,9996
			10	3	4,8103				10	1	1,9105
			11	1	3,3638						
			12	2	2,3529						
			13	1	1,6462						
			14	1	1,1519						

<p>15</p> <p>Input data: BL_5er.dat Distribution: Negative binomial (k,p) Sample size: 427 Best method is Method 1 of 3 Parameters: k = 1,32899205785869 p = 0,413219655653487 DF =9 X² = 7,9664 P(X²) = 0,5375</p> <table border="0"> <thead> <tr> <th>X[i]</th> <th>F[i]</th> <th>NP[i]</th> <th>X[i]*</th> </tr> </thead> <tbody> <tr><td>1</td><td>145</td><td>131,93</td><td>1</td></tr> <tr><td>2</td><td>93</td><td>102,88</td><td>2</td></tr> <tr><td>3</td><td>68</td><td>70,299</td><td>3</td></tr> <tr><td>4</td><td>48</td><td>45,774</td><td>4</td></tr> <tr><td>5</td><td>31</td><td>29,068</td><td>5</td></tr> <tr><td>6</td><td>13</td><td>18,179</td><td>6</td></tr> <tr><td>7</td><td>13</td><td>11,252</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>6,9127</td><td>8</td></tr> <tr><td>9</td><td>3</td><td>4,223</td><td>9</td></tr> <tr><td>10</td><td>4</td><td>2,5686</td><td>10</td></tr> <tr><td>11</td><td>0</td><td>1,5568</td><td>11</td></tr> <tr><td>12</td><td>1</td><td>2,3598</td><td>12</td></tr> <tr><td></td><td></td><td></td><td>13</td></tr> <tr><td></td><td></td><td></td><td>14</td></tr> <tr><td></td><td></td><td></td><td>15</td></tr> </tbody> </table>	X[i]	F[i]	NP[i]	X[i]*	1	145	131,93	1	2	93	102,88	2	3	68	70,299	3	4	48	45,774	4	5	31	29,068	5	6	13	18,179	6	7	13	11,252	7	8	8	6,9127	8	9	3	4,223	9	10	4	2,5686	10	11	0	1,5568	11	12	1	2,3598	12				13				14				15	<p>0 0,8062</p> <p>Input data: Me_5er.dat* Distribution: Negative binomial (k,p) Sample size: 615 Best method is Method 1 of 3 Parameters: k = 0,988170972823901 p = 0,313453916164668 DF =13 X² = 16,7316 P(X²) = 0,2119</p> <table border="0"> <thead> <tr> <th>F[i]</th> <th>NP[i]</th> <th>X[i]</th> <th>F[i]</th> </tr> </thead> <tbody> <tr><td>206</td><td>195,44</td><td>16</td><td>1</td></tr> <tr><td>99</td><td>132,59</td><td>17</td><td>0</td></tr> <tr><td>101</td><td>90,491</td><td>18</td><td>1</td></tr> <tr><td>74</td><td>61,881</td><td>19</td><td>0</td></tr> <tr><td>45</td><td>42,359</td><td>20</td><td>0</td></tr> <tr><td>33</td><td>29,012</td><td>21</td><td>0</td></tr> <tr><td>20</td><td>19,879</td><td>22</td><td>0</td></tr> <tr><td>13</td><td>13,625</td><td>23</td><td>0</td></tr> <tr><td>7</td><td>9,3402</td><td>24</td><td>0</td></tr> <tr><td>4</td><td>6,4041</td><td>25</td><td>1</td></tr> <tr><td>2</td><td>4,3915</td><td></td><td></td></tr> <tr><td>3</td><td>3,0117</td><td></td><td></td></tr> <tr><td>2</td><td>2,0656</td><td></td><td></td></tr> <tr><td>2</td><td>1,4169</td><td></td><td></td></tr> <tr><td>1</td><td>0,9719</td><td></td><td></td></tr> </tbody> </table>	F[i]	NP[i]	X[i]	F[i]	206	195,44	16	1	99	132,59	17	0	101	90,491	18	1	74	61,881	19	0	45	42,359	20	0	33	29,012	21	0	20	19,879	22	0	13	13,625	23	0	7	9,3402	24	0	4	6,4041	25	1	2	4,3915			3	3,0117			2	2,0656			2	1,4169			1	0,9719			<p>Input data: MeK1_5er.dat# Distribution: Negative binomial (k,p) Sample size: 58 Best method is Method 1 of 3 Parameters: k = 0,93637485566964 p = 0,300482181572293 DF =7 X² = 6,9716 P(X²) = 0,4318</p> <table border="0"> <thead> <tr> <th>NP[i]</th> <th>X[i]#</th> <th>F[i]</th> <th>NP[i]</th> </tr> </thead> <tbody> <tr><td>0,6667</td><td>1</td><td>20</td><td>18,886</td></tr> <tr><td>0,4574</td><td>2</td><td>18</td><td>20,936</td></tr> <tr><td>0,3138</td><td>3</td><td>18</td><td>16,055</td></tr> <tr><td>0,2153</td><td>4</td><td>12</td><td>10,483</td></tr> <tr><td>0,1477</td><td>5</td><td>5</td><td>6,2482</td></tr> <tr><td>0,1014</td><td>6</td><td>3</td><td>3,5106</td></tr> <tr><td>0,0695</td><td>7</td><td>0</td><td>1,8924</td></tr> <tr><td>0,0477</td><td>8</td><td>3</td><td>0,9894</td></tr> <tr><td>0,0327</td><td>9</td><td>1</td><td>1</td></tr> <tr><td>0,0716</td><td></td><td></td><td></td></tr> </tbody> </table>	NP[i]	X[i]#	F[i]	NP[i]	0,6667	1	20	18,886	0,4574	2	18	20,936	0,3138	3	18	16,055	0,2153	4	12	10,483	0,1477	5	5	6,2482	0,1014	6	3	3,5106	0,0695	7	0	1,8924	0,0477	8	3	0,9894	0,0327	9	1	1	0,0716			
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<p>Input data: MeK2_5er.dat Distribution: Negative binomial (k,p) Sample size: 43 Best method is Method 2 of 3 Parameters: k = 2,36088764878059 p = 0,561575245785609 DF =4 X² = 3,3639 P(X²) = 0,4989</p> <table border="0"> <thead> <tr> <th>X[i]</th> <th>F[i]</th> <th>NP[i]</th> <th>X[i]*</th> </tr> </thead> <tbody> <tr><td>1</td><td>11</td><td>11,012</td><td>1</td></tr> <tr><td>2</td><td>7</td><td>11,398</td><td>2</td></tr> <tr><td>3</td><td>12</td><td>8,3973</td><td>3</td></tr> <tr><td>4</td><td>6</td><td>5,3516</td><td>4</td></tr> <tr><td>5</td><td>3</td><td>3,1446</td><td>5</td></tr> <tr><td>6</td><td>2</td><td>1,7539</td><td>6</td></tr> <tr><td>7</td><td>0</td><td>0,9434</td><td>7</td></tr> <tr><td>8</td><td>0</td><td>0,494</td><td>8</td></tr> <tr><td>9</td><td>0</td><td>0,2534</td><td>9</td></tr> <tr><td>10</td><td>2</td><td>0,2526</td><td>10</td></tr> <tr><td></td><td></td><td></td><td>11</td></tr> <tr><td></td><td></td><td></td><td>12</td></tr> <tr><td></td><td></td><td></td><td>13</td></tr> <tr><td></td><td></td><td></td><td>14</td></tr> </tbody> </table>	X[i]	F[i]	NP[i]	X[i]*	1	11	11,012	1	2	7	11,398	2	3	12	8,3973	3	4	6	5,3516	4	5	3	3,1446	5	6	2	1,7539	6	7	0	0,9434	7	8	0	0,494	8	9	0	0,2534	9	10	2	0,2526	10				11				12				13				14	<p>Input data: MeK3_5er.dat* Distribution: Negative binomial (k,p) Sample size: 60 Best method is Method 1 of 3 Parameters: k = 0,637724621929087 p = 0,239633917808533 DF =7 X² = 13,5001 P(X²) = 0,0608</p> <table border="0"> <thead> <tr> <th>F[i]</th> <th>NP[i]</th> <th>X[i]</th> <th>F[i]</th> </tr> </thead> <tbody> <tr><td>24</td><td>24,125</td><td>16</td><td>0</td></tr> <tr><td>11</td><td>11,699</td><td>17</td><td>0</td></tr> <tr><td>6</td><td>7,2839</td><td>18</td><td>0</td></tr> <tr><td>6</td><td>4,8696</td><td>19</td><td>0</td></tr> <tr><td>3</td><td>3,3673</td><td>20</td><td>0</td></tr> <tr><td>1</td><td>2,3749</td><td>21</td><td>0</td></tr> <tr><td>6</td><td>1,6968</td><td>22</td><td>0</td></tr> <tr><td>2</td><td>1,2234</td><td>23</td><td>0</td></tr> <tr><td>0</td><td>0,8881</td><td>24</td><td>0</td></tr> <tr><td>0</td><td>0,6481</td><td>25</td><td>1</td></tr> <tr><td>0</td><td>0,4749</td><td></td><td></td></tr> <tr><td>0</td><td>0,3492</td><td></td><td></td></tr> <tr><td>0</td><td>0,2575</td><td></td><td></td></tr> <tr><td>0</td><td>0,1904</td><td></td><td></td></tr> </tbody> </table>	F[i]	NP[i]	X[i]	F[i]	24	24,125	16	0	11	11,699	17	0	6	7,2839	18	0	6	4,8696	19	0	3	3,3673	20	0	1	2,3749	21	0	6	1,6968	22	0	2	1,2234	23	0	0	0,8881	24	0	0	0,6481	25	1	0	0,4749			0	0,3492			0	0,2575			0	0,1904			<p>Input data: MeK4_5er.dat# Distribution: Negative binomial (k,p) Sample size: 47 Best method is Method 1 of 3 Parameters: k = 0,58758182457259 p = 0,201966605077353 DF =8 X² = 11,1262 P(X²) = 0,1947</p> <table border="0"> <thead> <tr> <th>NP[i]</th> <th>X[i]#</th> <th>F[i]</th> <th>NP[i]</th> </tr> </thead> <tbody> <tr><td>0,1046</td><td>1</td><td>17</td><td>18,361</td></tr> <tr><td>0,0777</td><td>2</td><td>14</td><td>8,6096</td></tr> <tr><td>0,0579</td><td>3</td><td>4</td><td>5,4539</td></tr> <tr><td>0,0431</td><td>4</td><td>1</td><td>3,7541</td></tr> <tr><td>0,0322</td><td>5</td><td>1</td><td>2,687</td></tr> <tr><td>0,024</td><td>6</td><td>4</td><td>1,9674</td></tr> <tr><td>0,0179</td><td>7</td><td>1</td><td>1,4622</td></tr> <tr><td>0,0134</td><td>8</td><td>0</td><td>1,0981</td></tr> <tr><td>0,01</td><td>9</td><td>1</td><td>0,8311</td></tr> <tr><td>0,0301</td><td>10</td><td>1</td><td>0,6329</td></tr> <tr><td></td><td>11</td><td>0</td><td>0,4842</td></tr> <tr><td></td><td>12</td><td>0</td><td>0,3719</td></tr> <tr><td></td><td>13</td><td>2</td><td>0,2866</td></tr> <tr><td></td><td>14</td><td>0</td><td>0,2215</td></tr> </tbody> </table>	NP[i]	X[i]#	F[i]	NP[i]	0,1046	1	17	18,361	0,0777	2	14	8,6096	0,0579	3	4	5,4539	0,0431	4	1	3,7541	0,0322	5	1	2,687	0,024	6	4	1,9674	0,0179	7	1	1,4622	0,0134	8	0	1,0981	0,01	9	1	0,8311	0,0301	10	1	0,6329		11	0	0,4842		12	0	0,3719		13	2	0,2866		14	0	0,2215
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15 0 0,141
 Input data: MeK5_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 26
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,59406508713205
 p = 0,32089188174617
 DF =7
 X² = 2,5525 P(X²) = 0,9231

X[i]	F[i]	NP[i]	X[i]*
1	6	4,2469	1
2	3	4,5975	2
3	4	4,0496	3
4	3	3,2947	4
5	3	2,5698	5
6	1	1,9525	6
7	1	1,4572	7
8	1	1,0736	8
9	2	0,7832	9
10	0	0,567	10
11	0	0,4079	11
12	2	1	12
			13
			14
			15
			16

0 0,141
 Input data: MeK6_5er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 161
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,00682358699751
 p = 0,317713043647221
 DF =10
 X² = 7,4844 P(X²) = 0,6791

X[i]	F[i]	NP[i]	X[i]#
1	55	50,753	1
2	28	34,865	2
3	26	23,869	3
4	18	16,322	4
5	13	11,156	5
6	4	7,6217	6
7	8	5,2061	7
8	4	3,5555	8
9	2	2,4279	9
10	0	1,6578	10
11	1	1,1319	11
12	1	0,7727	12
13	0	0,5275	13
14	0	0,3601	14
15	0	0,2458	15
16	1	0,5286	16

15 1 0,7785
 Input data: MeK7_5er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 63
 Best method is
 Method 2 of 3
 Parameters:
 k = 0,502850523771152
 p = 0,184778907314056
 DF =9
 X² = 2,9651 P(X²) = 0,9657

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	26,951	16	0	0,1842	
2	11,048	17	0	0,1455	
3	6,7679	18	1	0,5648	
4	4,603				
5	3,2861				
6	2,4125				
7	1,8038				
8	1,366				
9	1,0444				
10	0,8044				
11	0,6232				
12	0,4851				
13	0,379				
14	0,2972				
15	0,2337				

Input data: MeK8_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 51
 Best method is
 Method 1 of 3
 Parameters:
 k = 3,39552818175721
 p = 0,641837644112643
 DF =3
 X² = 11,2031 P(X²) = 0,0107

X[i]	F[i]	NP[i]
1	16	11,3156
2	7	13,7615
3	7	10,8324
4	11	6,9778
5	3	3,9959
6	6	2,1169
7	1	2

Input data: MeK9_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 34
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,62693116132422
 p = 0,579736408566721
 DF =3
 X² = 9,3965 P(X²) = 0,0245

X[i]	F[i]	NP[i]
1	7	8,119
2	6	8,9634
3	13	6,8313
4	5	4,4279
5	0	2,6178
6	0	1,4581
7	0	0,779
8	2	0,4035
9	1	0,4001

Input data: MeK10_5er.dat
 Distribution: Negative
 binomial (k,p)
 Sample size: 28
 Best method is
 Method 1 of 3
 Parameters:
 k = 5,40192539109507
 p = 0,693018101219062
 DF =4
 X² = 4,7579 P(X²) = 0,3131

X[i]	F[i]	NP[i]
1	6	3,8625
2	3	6,4052
3	7	6,294
4	4	4,7672
5	5	3,0739
6	1	1,7744
7	1	0,9443
8	1	0,8784

Input data: MeK11_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 44
 Best method is
 Method 2 of 3
 Parameters:
 k = 9,12988413918998
 p = 0,769015528616758
 DF =2

X² = 3,2315 P(X²) = 0,1987

X[i]	F[i]	NP[i]	X[i]*
1	12	3,9999	1
2	5	8,4353	2
3	6	9,8687	3
4	8	8,4569	4
5	6	5,9237	5
6	6	3,5931	6
7	0	1,9545	7
8	1	1,768	8

Input data: Markera_5er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 584
 Best method is
 Method 2 of 3
 Parameters:
 k = 1,59587838900432
 p = 0,609595482697289
 DF =5

X² = 3,4185 P(X²) = 0,6357

F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]
257	265,07	1	82	90,29	16
164	165,15	2	70	66,677	17
83	83,685	3	53	48,221	18
42	39,161	4	30	34,628	19
20	17,566	5	30	24,779	20
12	7,6751	6	23	17,693	21
3	3,294	7	15	12,616	22
0	1,3955	8	4	8,9861	23
3	1	9	4	6,3958	24
		10	3	4,5495	25
		11	2	3,2346	
		12	4	2,2989	
		13	0	1,6333	
		14	1	1,1601	
		15	2	0,8238	

Input data: Dama_5er.dat#
 Distribution: Negative
 binomial (k,p)
 Sample size: 326
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,04314972876709
 p = 0,292068263980564
 DF =13

X² = 14,2370 P(X²) = 0,3574

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
16	1	0,5849	16	0	0,0747
17	1	0,4152	17	0	0,053
18	0	0,2947	18	0	0,0376
19	0	0,2091	19	0	0,0916
20	0	0,1484	20		
21	0	0,1053	21		
22	0	0,0747	22		
23	0	0,053	23		
24	0	0,0376	24		
25	1	0,0916	25		

Input data: DamaK1_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 48
 Method 1 of 3
 Parameters:
 k = 1,81044912648644
 p = 0,38041828639164
 DF =7

X² = 5,2686 P(X²) = 0,6272

X[i]	F[i]	NP[i]	X[i]*
1	8	8,343	1
2	11	9,359	2
3	3	8,148	3
4	9	6,412	4
5	5	4,778	5
6	4	3,44	6
7	3	2,419	7
8	1	1,673	8
9	1	1,141	9
10	1	0,771	10
11	0	0,516	11
12	0	0,343	12
13	0	0,227	13
14	1	0,15	14
15	1	0,28	15

Input data: DamaK2_5er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 105
 Method 1 of 3
 Parameters:
 k = 0,867513468592389
 p = 0,280647739553314
 DF =9

X² = 16,4118 P(X²) = 0,0588

F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#
30	34,87	16	1	0,158	1
22	21,76	17	0	0,113	2
21	14,62	18	0	0,081	3
4	10,05	19	0	0,058	4
12	6,99	20	0	0,041	5
7	4,895	21	0	0,029	6
3	3,444	22	0	0,021	7
1	2,43	23	0	0,015	8
0	1,719	24	0	0,011	9
1,219	25	1	0,027	10	2
0,865				11	1
0,615				12	1
0,437				13	0
0,311				14	0
0,222				15	0

Input data: DamaK3_5er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 116
 Method 1 of 3
 Parameters:
 k = 1,16755463177832
 p = 0,323359538509887
 DF =9

X² = 6,0796 P(X²) = 0,7319

F[i]	NP[i]	X[i]	F[i]	NP[i]
30	31,04	16	0	0,151
25	24,53	17	1	0,326
21	17,99			
10	12,85			
8	9,059			
9	6,335			
5	4,406			
0	3,053			
3	2,109			
2	1,454			
1	1			
1	0,687			
0	0,471			
0	0,323			
0	0,221			

Input data: DamaK4_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 57
 Best method is
 Method 2 of 3
 Parameters:
 k = 1,21066258941275
 p = 0,309866313507201
 DF =8
 X² = 3,3478 P(X²) = 0,9107

Input data: Futljar_5er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 277
 Best method is
 Method 2 of 3
 Parameters:
 k = 1,37483367684365
 p = 0,368919767011632
 DF =10
 X² = 3,2833 P(X²) = 0,9739

Input data: Malciki_5er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 167
 Best method is
 Method 1 of 3
 Parameters:
 k = 0,82261578286794
 p = 0,331229510523164
 DF =8
 X² = 2,6148 P(X²) = 0,9562

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	14	13,799	1	71	70,321	16	0	0,2227	1	71	67,293
2	12	11,53	2	58	61,012	17	1	0,4037	2	34	37,02
3	8	8,7951	3	46	45,72				3	23	22,562
4	7	6,496	4	36	32,458				4	14	14,197
5	5	4,7192	5	23	22,403				5	8	9,0734
6	3	3,3941	6	16	15,198				6	6	5,8527
7	4	2,4246	7	11	10,19				7	6	3,7984
8	2	1,7237	8	4	6,7753				8	2	2,4759
9	0	1,2209	9	3	4,4761				9	1	1,6191
10	0	0,8623	10	4	2,9424				10	1	1,0615
11	0	0,6076	11	1	1,9265				11	0	0,6973
12	1	0,4274	12	0	1,2572				12	0	0,4588
13	0	0,3001	13	2	0,8182				13	1	0,8909
14	0	0,2105	14	1	0,5312						
15	1	0,4894	15	0	0,3442						

Input data: Zapiski_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 640
 Best method is
 Method 2 of 5
 Parameters:
 a = 423,670330727615
 b = 452,950689447843
 DF =39
 $X^2 = 60,6410$ $P(X^2) = 0,0148$

Input data: Nevskij_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 696
 Best method is
 Method 2 of 5
 Parameters:
 a = 1279,29646788595
 b = 1341,13509245896
 DF =60
 $X^2 = 74,1480$ $P(X^2) = 0,1035$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	23	53,23	41	1	0,689	1	18	39,16	41	2	3,332	81	0	0,089
2	35	49,79	42	0	0,592	2	22	37,36	42	0	3,086	82	0	0,08
3	57	46,47	43	1	0,508	3	41	35,61	43	3	2,856	83	0	0,072
4	44	43,27	44	1	0,435	4	37	33,91	44	1	2,642	84	0	0,065
5	58	40,21	45	0	0,371	5	34	32,28	45	2	2,442	85	0	0,058
6	46	37,28	46	0	0,317	6	37	30,7	46	1	2,255	86	0	0,052
7	43	34,49	47	1	0,269	7	33	29,17	47	3	2,081	87	0	0,047
8	32	31,84	48	0	0,229	8	29	27,7	48	3	1,92	88	0	0,042
9	34	29,33	49	0	0,194	9	30	26,29	49	1	1,769	89	0	0,038
10	33	26,95	50	0	0,164	10	28	24,93	50	0	1,629	90	0	0,034
11	22	24,72	51	0	0,138	11	25	23,62	51	1	1,499	91	0	0,03
12	26	22,62	52	2	0,117	12	25	22,37	52	3	1,379	92	0	0,027
13	23	20,66	53	0	0,098	13	17	21,16	53	0	1,267	93	1	0,024
14	15	18,82	54	0	0,082	14	28	20,01	54	1	1,164	94	0	0,022
15	18	17,12	55	0	0,069	15	21	18,9	55	1	1,068	95	0	0,019
16	13	15,53	56	0	0,058	16	11	17,84	56	2	0,979	96	0	0,017
17	15	14,06	57	1	0,275	17	22	16,83	57	0	0,897	97	0	0,015
18	11	12,7				18	23	15,87	58	0	0,821	98	0	0,014
19	9	11,45				19	19	14,95	59	0	0,752	99	0	0,012
20	16	10,3				20	12	14,07	60	1	0,687	100	0	0,011
21	7	9,248				21	10	13,23	61	1	0,628	101	0	0,01
22	6	8,285				22	12	12,44	62	0	0,573	102	0	0,008
23	2	7,406				23	10	11,68	63	1	0,523	103	0	0,008
24	6	6,606				24	16	10,96	64	1	0,477	104	0	0,007
25	6	5,881				25	8	10,28	65	1	0,435	105	0	0,006
26	6	5,224				26	8	9,633	66	0	0,396	106	0	0,005
27	5	4,63				27	13	9,021	67	0	0,36	107	1	0,038
28	3	4,096				28	8	8,441	68	0	0,327			
29	1	3,616				29	3	7,893	69	0	0,297			
30	3	3,185				30	11	7,375	70	1	0,27			
31	4	2,8				31	9	6,886	71	0	0,245			
32	1	2,456				32	5	6,425	72	0	0,222			
33	4	2,15				33	9	5,99	73	0	0,201			
34	2	1,879				34	4	5,581	74	1	0,182			
35	0	1,638				35	5	5,196	75	0	0,165			
36	1	1,425				36	2	4,834	76	0	0,149			
37	2	1,237				37	6	4,493	77	0	0,135			
38	1	1,072				38	9	4,174	78	0	0,121			
39	0	0,927				39	1	3,875	79	0	0,11			
40	0	0,8				40	2	3,594	80	0	0,099			

Input data: Nos_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 556
 Best method is
 Method 4 of 5
 Parameters:
 a = 1798,45896087844
 b = 1903,35305326749
 DF =57
 $X^2 = 61,2261$ $P(X^2) = 0,3269$

Input data: NosK1_1er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 80
 Best method is
 Method 1 of 5
 Parameters:
 a = 204,627086314541
 b = 204,208449962531
 DF =28
 $X^2 = 27,1548$ $P(X^2) = 0,5098$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	20	34,399	41	3	2,3715	81	0	0,0718	1	4	4,0578
2	34	32,503	42	1	2,1947	82	0	0,0651	2	4	4,0661
3	36	30,696	43	0	2,03	83	0	0,059	3	7	4,0546
4	33	28,973	44	0	1,8768	84	0	0,0534	4	3	4,0235
5	36	27,334	45	1	1,7341	85	0	0,0484	5	2	3,9733
6	34	25,773	46	2	1,6016	86	0	0,0438	6	7	3,905
7	27	24,289	47	1	1,4783	87	1	0,0396	7	1	3,8195
8	22	22,878	48	0	1,3639	88	1	0,0358	8	5	3,7181
9	25	21,538	49	0	1,2577	89	0	0,0323	9	2	3,6022
10	21	20,266	50	1	1,1591	90	0	0,0292	10	3	3,4735
11	20	19,059	51	0	1,0678	91	0	0,0264	11	2	3,3337
12	13	17,915	52	0	0,9831	92	0	0,0238	12	4	3,1846
13	12	16,83	53	0	0,9047	93	0	0,0214	13	2	3,028
14	17	15,803	54	1	0,8321	94	0	0,0193	14	4	2,8658
15	18	14,831	55	0	0,7649	95	0	0,0174	15	6	2,6998
16	11	13,911	56	0	0,7028	96	0	0,0157	16	2	2,5318
17	20	13,042	57	1	0,6455	97	1	0,1355	17	4	2,3634
18	8	12,22	58	1	0,5925				18	1	2,1962
19	12	11,445	59	0	0,5435				19	3	2,0315
20	15	10,713	60	0	0,4984				20	2	1,8708
21	9	10,022	61	0	0,4568				21	1	1,7151
22	10	9,3713	62	0	0,4184				22	1	1,5653
23	8	8,7582	63	1	0,3831				23	3	1,4222
24	5	8,181	64	0	0,3505				24	0	1,2865
25	8	7,6378	65	0	0,3206				25	0	1,1587
26	10	7,1271	66	0	0,2931				26	0	1,0389
27	3	6,647	67	0	0,2678				27	0	0,9275
28	6	6,196	68	1	0,2445				28	2	0,8245
29	9	5,7727	69	0	0,2232				29	1	0,7297
30	0	5,3755	70	0	0,2036				30	0	0,643
31	8	5,003	71	0	0,1857				31	0	0,5642
32	6	4,6539	72	0	0,1692				32	0	0,4929
33	3	4,327	73	0	0,1541				33	0	0,4288
34	2	4,0209	74	0	0,1403				34	0	0,3715
35	0	3,7346	75	0	0,1277				35	0	0,3205
36	5	3,4668	76	1	0,1162				36	2	0,2753
37	4	3,2166	77	0	0,1056				37	1	0,2355
38	2	2,9829	78	0	0,0959				38	0	0,2006
39	3	2,7648	79	0	0,0871				39	0	0,1702
40	3	2,5613	80	0	0,0791				40	0	0,1438
									41	1	0,686

Input data: NosK2_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 411
 Best method is
 Method 2 of 5
 Parameters:
 a = 7460,87492810806
 b = 8010,38648856719
 DF =52
 $X^2 = 59,4171$ $P(X^2) = 0,2236$

Input data: NosK3_1er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 65
 Best method is
 Method 1 of 5
 Parameters:
 a = 637,110578186597
 b = 665,771517739816
 DF =28
 $X^2 = 19,4666$ $P(X^2) = 0,8831$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	12	28,81	41	2	1,523	81	0	0,066	1	4	3,941	41	0	0,215
2	27	26,84	42	1	1,412	82	0	0,061	2	3	3,772	42	0	0,194
3	26	24,99	43	0	1,308	83	0	0,056	3	3	3,604	43	0	0,175
4	23	23,27	44	0	1,212	84	0	0,052	4	7	3,438	44	0	0,157
5	30	21,67	45	0	1,123	85	0	0,048	5	4	3,276	45	1	0,142
6	24	20,17	46	2	1,04	86	0	0,044	6	3	3,116	46	0	0,127
7	23	18,78	47	0	0,964	87	1	0,041	7	3	2,959	47	1	1
8	15	17,47	48	0	0,892	88	1	0,037	8	2	2,807			
9	19	16,26	49	0	0,826	89	0	0,034	9	4	2,658			
10	16	15,13	50	1	0,765	90	0	0,032	10	2	2,513			
11	18	14,08	51	0	0,708	91	0	0,029	11	0	2,373			
12	6	13,09	52	0	0,656	92	0	0,027	12	3	2,237			
13	8	12,18	53	0	0,607	93	0	0,025	13	2	2,106			
14	11	11,33	54	1	0,561	94	0	0,023	14	2	1,98			
15	11	10,53	55	0	0,519	95	0	0,021	15	1	1,858			
16	8	9,794	56	0	0,481	96	0	0,019	16	1	1,742			
17	14	9,105	57	1	0,445	97	1	0,22	17	2	1,63			
18	7	8,463	58	1	0,411				18	0	1,523			
19	9	7,866	59	0	0,38				19	0	1,421			
20	10	7,31	60	0	0,352				20	3	1,324			
21	6	6,792	61	0	0,325				21	2	1,232			
22	8	6,311	62	0	0,301				22	1	1,145			
23	5	5,862	63	1	0,278				23	0	1,062			
24	4	5,445	64	0	0,257				24	1	0,984			
25	7	5,057	65	0	0,237				25	1	0,91			
26	7	4,696	66	0	0,219				26	3	0,841			
27	2	4,36	67	0	0,203				27	1	0,775			
28	4	4,048	68	1	0,187				28	0	0,714			
29	6	3,758	69	0	0,173				29	2	0,657			
30	0	3,488	70	0	0,16				30	0	0,603			
31	8	3,237	71	0	0,147				31	0	0,553			
32	5	3,004	72	0	0,136				32	1	0,506			
33	2	2,787	73	0	0,126				33	1	0,463			
34	2	2,585	74	0	0,116				34	0	0,423			
35	0	2,398	75	0	0,107				35	0	0,385			
36	3	2,224	76	1	0,099				36	0	0,351			
37	3	2,063	77	0	0,091				37	0	0,319			
38	2	1,912	78	0	0,084				38	0	0,29			
39	3	1,773	79	0	0,078				39	0	0,263			
40	2	1,644	80	0	0,072				40	1	0,238			

Input data: BL_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 427
 Best method is
 Method 2 of 5
 Parameters:
 a = 608,605885640617
 b = 645,793172813414
 DF =42
 $X^2 = 27,4275$ $P(X^2) = 0,9598$

Input data: Me_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 615
 Best method is
 Method 2 of 5
 Parameters:
 a = 103849,097564092
 b = 111844,994351331
 DF =58
 $X^2 = 87,4659$ $P(X^2) = 0,0075$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	21	31,13	42	0	0,789	1	17	44,03	42	1	2,089	83	0	0,098
2	40	29,34	43	0	0,699	2	60	40,89	43	1	1,938	84	0	0,091
3	30	27,61	44	1	0,618	3	44	37,96	44	3	1,799	85	0	0,084
4	29	25,94	45	0	0,547	4	48	35,25	45	1	1,67	86	0	0,078
5	25	24,33	46	1	0,482	5	37	32,73	46	1	1,55	87	0	0,072
6	17	22,79	47	1	0,425	6	27	30,39	47	0	1,439	88	1	0,067
7	21	21,31	48	0	0,374	7	14	28,21	48	0	1,335	89	0	0,062
8	20	19,9	49	1	0,328	8	23	26,19	49	0	1,239	90	0	0,058
9	16	18,55	50	1	0,288	9	20	24,32	50	3	1,15	91	0	0,054
10	19	17,27	51	0	0,252	10	15	22,58	51	1	1,067	92	0	0,05
11	15	16,05	52	0	0,221	11	13	20,96	52	1	0,991	93	0	0,046
12	17	14,9	53	0	0,193	12	24	19,46	53	0	0,919	94	0	0,043
13	13	13,8	54	0	0,168	13	21	18,07	54	0	0,853	95	0	0,04
14	13	12,77	55	0	0,146	14	22	16,78	55	0	0,792	96	0	0,037
15	10	11,8	56	1	0,918	15	21	15,58	56	1	0,735	97	0	0,034
16	11	10,88				16	16	14,46	57	0	0,682	98	0	0,032
17	11	10,02				17	22	13,42	58	0	0,633	99	0	0,029
18	8	9,219				18	17	12,46	59	0	0,587	100	0	0,027
19	9	8,465				19	8	11,57	60	2	0,545	101	0	0,025
20	9	7,761				20	11	10,74	61	1	0,506	102	0	0,024
21	10	7,105				21	14	9,972	62	0	0,47	103	0	0,022
22	7	6,495				22	8	9,257	63	0	0,436	104	0	0,02
23	6	5,928				23	6	8,594	64	0	0,404	105	0	0,019
24	7	5,403				24	8	7,978	65	1	0,375	106	0	0,017
25	1	4,917				25	9	7,406	66	1	0,348	107	0	0,016
26	3	4,467				26	5	6,875	67	0	0,323	108	0	0,015
27	3	4,053				27	8	6,382	68	0	0,3	109	0	0,014
28	4	3,672				28	7	5,924	69	1	0,278	110	0	0,013
29	0	3,322				29	5	5,5	70	0	0,258	111	0	0,012
30	3	3				30	8	5,105	71	1	0,24	112	0	0,011
31	4	2,706				31	4	4,739	72	0	0,222	113	0	0,01
32	2	2,437				32	2	4,399	73	0	0,206	114	0	0,01
33	2	2,192				33	4	4,083	74	0	0,191	115	0	0,009
34	3	1,968				34	6	3,79	75	0	0,178	116	0	0,008
35	2	1,764				35	4	3,518	76	0	0,165	117	0	0,008
36	4	1,58				36	5	3,266	77	0	0,153	118	0	0,007
37	1	1,412				37	4	3,031	78	1	0,142	119	0	0,007
38	0	1,261				38	2	2,814	79	0	0,132	120	0	0,006
39	1	1,124				39	2	2,612	80	0	0,122	121	0	0,006
40	2	1				40	0	2,424	81	0	0,113	122	0	0,005
41	2	0,889				41	1	2,25	82	0	0,105	123	1	0,067

Input data: MeK1_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 58
 Best method is
 Method 2 of 5
 Parameters:
 a = 5050,08440848358
 b = 5494,6101397057
 DF =24
 $X^2 = 30,8034$ $P(X^2) = 0,1595$

Input data: MeK2_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 43
 Best method is
 Method 1 of 5
 Parameters:
 a = 206,769872571556
 b = 207,334817578582
 DF =22
 $X^2 = 16,2289$ $P(X^2) = 0,8044$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	4,7971	41	0	0,1425	1	2	2,2888	41	0	0,0593
2	9	4,409	42	0	0,1301	2	4	2,2826	42	0	0,0496
3	6	4,0516	43	0	0,1187	3	2	2,2654	43	0	0,0413
4	4	3,7224	44	0	0,1082	4	2	2,2377	44	0	0,0342
5	2	3,4194	45	0	0,0987	5	1	2,1998	45	0	0,0283
6	3	3,1405	46	0	0,09	6	1	2,1522	46	1	0,0233
7	1	2,8838	47	0	0,082	7	0	2,0958	47	0	0,0191
8	0	2,6476	48	0	0,0748	8	0	2,0313	48	0	0,0156
9	2	2,4303	49	0	0,0681	9	3	1,9596	49	0	0,0127
10	0	2,2304	50	1	0,0621	10	3	1,8817	50	1	0,0501
11	2	2,0466	51	0	0,0566	11	2	1,7985			
12	3	1,8776	52	0	0,0515	12	1	1,7111			
13	3	1,7223	53	0	0,0469	13	3	1,6204			
14	0	1,5795	54	0	0,0427	14	3	1,5276			
15	0	1,4483	55	0	0,0389	15	3	1,4336			
16	2	1,3277	56	0	0,0354	16	2	1,3392			
17	2	1,217	57	0	0,0322	17	1	1,2455			
18	2	1,1153	58	0	0,0293	18	2	1,1531			
19	1	1,0219	59	0	0,0267	19	0	1,0628			
20	0	0,9362	60	0	0,0242	20	1	0,9752			
21	3	0,8575	61	0	0,022	21	2	0,8909			
22	1	0,7852	62	0	0,02	22	0	0,8103			
23	1	0,719	63	0	0,0182	23	0	0,7338			
24	0	0,6582	64	0	0,0166	24	0	0,6616			
25	1	0,6024	65	0	0,015	25	1	0,5939			
26	2	0,5512	66	0	0,0137	26	0	0,5309			
27	2	0,5044	67	0	0,0124	27	0	0,4724			
28	0	0,4614	68	0	0,0113	28	0	0,4187			
29	0	0,422	69	1	0,1093	29	1	0,3694			
30	0	0,3859				30	1	0,3246			
31	0	0,3528				31	0	0,284			
32	0	0,3225				32	0	0,2474			
33	0	0,2947				33	0	0,2146			
34	1	0,2693				34	0	0,1854			
35	0	0,2461				35	0	0,1595			
36	1	0,2248				36	0	0,1367			
37	0	0,2053				37	0	0,1166			
38	0	0,1874				38	0	0,0991			
39	0	0,1711				39	0	0,0839			
40	0	0,1562				40	0	0,0707			

Input data: MeK3_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 60
 Best method is
 Method 1 of 5
 Parameters:
 a = 967,463994199823
 b = 1005,60336391632
 DF =31
 $X^2 = 43,2905$ $P(X^2) = 0,0702$

Input data: MeK4_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 47
 Best method is
 Method 2 of 5
 Parameters:
 a = 2181,77079997773
 b = 2418,80076564142
 DF =18
 $X^2 = 33,4194$ $P(X^2) = 0,0148$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	3,118	42	0	0,286	83	0	0,005	1	0	4,755	42	0	0,05
2	8	3	43	0	0,264	84	0	0,005	2	5	4,289	43	0	0,044
3	0	2,883	44	0	0,244	85	0	0,004	3	4	3,868	44	1	0,039
4	7	2,768	45	0	0,225	86	0	0,004	4	6	3,486	45	0	0,035
5	6	2,655	46	0	0,207	87	0	0,003	5	2	3,14	46	0	0,031
6	2	2,544	47	0	0,191	88	0	0,003	6	4	2,828	47	0	0,027
7	0	2,436	48	0	0,176	89	0	0,003	7	2	2,545	48	0	0,024
8	2	2,33	49	0	0,162	90	0	0,002	8	5	2,29	49	0	0,021
9	4	2,226	50	0	0,148	91	0	0,002	9	3	2,06	50	1	0,019
10	3	2,124	51	0	0,136	92	0	0,002	10	0	1,852	51	0	0,017
11	1	2,026	52	0	0,125	93	0	0,002	11	1	1,664	52	0	0,015
12	2	1,93	53	0	0,114	94	0	0,001	12	1	1,495	53	0	0,013
13	0	1,836	54	0	0,104	95	0	0,001	13	1	1,342	54	0	0,011
14	0	1,746	55	0	0,095	96	0	0,001	14	1	1,205	55	0	0,01
15	3	1,658	56	0	0,087	97	0	0,00	15	0	1,081	56	0	0,009
16	2	1,573	57	0	0,08	98	0	0,00	16	0	0,969	57	0	0,008
17	1	1,492	58	0	0,072	99	0	0,00	17	0	0,869	58	0	0,007
18	2	1,412	59	0	0,066	100	0	0,00	18	1	0,779	59	0	0,006
19	0	1,336	60	0	0,06	101	0	0,00	19	0	0,698	60	0	0,005
20	1	1,263	61	0	0,055	102	0	0,00	20	0	0,625	61	1	0,005
21	1	1,193	62	0	0,05	103	0	0,00	21	1	0,559	62	0	0,004
22	0	1,125	63	0	0,045	104	0	0,00	22	0	0,5	63	0	0,004
23	0	1,06	64	0	0,041	105	0	0,00	23	0	0,447	64	0	0,003
24	2	0,998	65	0	0,037	106	0	0,00	24	0	0,4	65	1	0,003
25	0	0,939	66	0	0,033	107	0	0,00	25	0	0,357	66	0	0,003
26	0	0,882	67	0	0,03	108	0	0,00	26	1	0,319	67	0	0,002
27	0	0,828	68	0	0,027	109	0	0,00	27	2	0,285	68	0	0,002
28	1	0,777	69	0	0,025	110	0	0,00	28	0	0,254	69	0	0,002
29	0	0,728	70	0	0,022	111	0	0,00	29	0	0,227	70	0	0,002
30	0	0,681	71	0	0,02	112	0	0,00	30	1	0,202	71	1	0,01
31	2	0,637	72	0	0,018	113	0	0,00	31	1	0,18			
32	1	0,595	73	0	0,016	114	0	0,00	32	0	0,161			
33	1	0,555	74	0	0,014	115	0	0,00	33	0	0,143			
34	2	0,518	75	0	0,013	116	0	0,00	34	0	0,127			
35	0	0,482	76	0	0,012	117	0	0,00	35	0	0,113			
36	2	0,449	77	0	0,01	118	0	0,00	36	0	0,101			
37	0	0,417	78	0	0,009	119	0	0,00	37	0	0,09			
38	0	0,388	79	0	0,008	120	0	0,00	38	0	0,08			
39	0	0,36	80	0	0,007	121	0	0,00	39	0	0,071			
40	0	0,333	81	0	0,007	122	0	0,00	40	0	0,063			
41	0	0,309	82	0	0,006	123	1	0,00	41	0	0,056			

Input data: MeK5_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 26
 Best method is
 Method 1 of 5
 Parameters:
 a = 1688,10339697722
 b = 1743,80050440518
 DF =17
 $X^2 = 14,5231$ $P(X^2) = 0,6298$

Input data: MeK6_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 161
 Best method is
 Method 2 of 5
 Parameters:
 a = 3228,93549850464
 b = 3462,98757103772
 DF =39
 $X^2 = 49,6613$ $P(X^2) = 0,1178$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	1,0992	41	0	0,1925	1	7	11,42	41	0	0,5553
2	1	1,0641	42	0	0,1821	2	14	10,648	42	1	0,5119
3	4	1,0295	43	0	0,1723	3	9	9,9257	43	0	0,4717
4	1	0,9955	44	1	0,1629	4	9	9,2495	44	1	0,4346
5	0	0,9621	45	1	0,1539	5	16	8,6169	45	0	0,4002
6	0	0,9292	46	0	0,1453	6	8	8,0253	46	0	0,3685
7	0	0,8969	47	0	0,1371	7	6	7,4721	47	0	0,3392
8	1	0,8653	48	0	0,1293	8	9	6,955	48	0	0,3121
9	1	0,8343	49	0	0,1219	9	3	6,4719	49	0	0,2871
10	1	0,804	50	0	0,1148	10	2	6,0205	50	0	0,264
11	0	0,7743	51	0	0,1081	11	1	5,5991	51	0	0,2428
12	1	0,7453	52	0	0,1018	12	7	5,2056	52	1	0,2231
13	0	0,717	53	0	0,0957	13	5	4,8384	53	0	0,205
14	3	0,6893	54	0	0,09	14	6	4,4958	54	0	0,1884
15	0	0,6624	55	0	0,0845	15	7	4,1763	55	0	0,173
16	0	0,6361	56	1	0,0794	16	1	3,8784	56	0	0,1588
17	1	0,6106	57	0	0,0745	17	8	3,6006	57	0	0,1458
18	1	0,5857	58	0	0,0699	18	6	3,3418	58	0	0,1337
19	1	0,5615	59	0	0,0655	19	2	3,1007	59	0	0,1227
20	0	0,538	60	1	0,8776	20	1	2,8762	60	1	0,1125
21	2	0,5152				21	1	2,6672	61	0	0,1031
22	0	0,4931				22	3	2,4727	62	0	0,0945
23	0	0,4717				23	4	2,2916	63	0	0,0866
24	0	0,4509				24	3	2,1233	64	0	0,0793
25	1	0,4308				25	2	1,9667	65	0	0,0727
26	0	0,4114				26	0	1,8212	66	0	0,0665
27	0	0,3926				27	2	1,6859	67	0	0,0609
28	0	0,3745				28	1	1,5602	68	0	0,0557
29	0	0,357				29	1	1,4435	69	0	0,051
30	1	0,3402				30	0	1,3352	70	0	0,0466
31	0	0,3239				31	1	1,2346	71	0	0,0426
32	0	0,3083				32	0	1,1413	72	0	0,0389
33	1	0,2932				33	2	1,0547	73	0	0,0356
34	0	0,2787				34	2	0,9744	74	0	0,0325
35	0	0,2648				35	3	0,9	75	0	0,0297
36	0	0,2514				36	2	0,831	76	0	0,0271
37	0	0,2386				37	1	0,7671	77	0	0,0247
38	0	0,2263				38	0	0,7079	78	1	0,2496
39	1	0,2146				39	1	0,653			
40	0	0,2033				40	0	0,6023			

Input data: MeK7_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 63
 Best method is
 Method 1 of 5
 Parameters:
 a = 185,523756474562
 b = 186,571748822449
 DF =24
 $X^2 = 49,1412$ $P(X^2) = 0,0018$

Input data: MeK8_1er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 51
 Best method is
 Method 2 of 5
 Parameters:
 a = 94,9194143565025
 b = 89,0978676974138
 DF =22
 $X^2 = 29,8118$ $P(X^2) = 0,1231$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	2	3,6277	41	0	0,0578	81	0	0	1	1	2,1832
2	7	3,6073	42	0	0,0474	82	0	0	2	5	2,3259
3	11	3,5679	43	1	0,0386	83	0	0	3	4	2,4503
4	7	3,5102	44	0	0,0313	84	0	0	4	3	2,5531
5	2	3,4353	45	0	0,0253	85	0	0	5	3	2,6313
6	4	3,3443	46	0	0,0204	86	0	0	6	3	2,6828
7	1	3,2387	47	0	0,0163	87	0	0	7	1	2,7062
8	1	3,1202	48	0	0,013	88	1	0	8	1	2,7012
9	2	2,9904	49	0	0,0103				9	0	2,668
10	1	2,8514	50	0	0,0082				10	2	2,6082
11	3	2,7049	51	1	0,0064				11	0	2,5237
12	1	2,5529	52	0	0,0051				12	0	2,4173
13	2	2,3972	53	0	0,0039				13	1	2,2922
14	1	2,2397	54	0	0,0031				14	3	2,1521
15	1	2,082	55	0	0,0024				15	3	2,0008
16	2	1,9258	56	0	0,0018				16	3	1,8421
17	1	1,7725	57	0	0,0014				17	2	1,6797
18	0	1,6233	58	0	0,0011				18	1	1,517
19	1	1,4794	59	0	0,0008				19	2	1,3572
20	1	1,3417	60	0	0,0006				20	3	1,2028
21	0	1,2108	61	0	0,0005				21	1	1,0562
22	0	1,0874	62	0	0,0004				22	2	0,9189
23	0	0,9719	63	0	0,0003				23	0	0,7922
24	1	0,8645	64	0	0,0002				24	0	0,6769
25	1	0,7653	65	0	0,0001				25	0	0,5731
26	0	0,6743	66	1	0,0001				26	0	0,481
27	1	0,5913	67	0	0,0001				27	0	0,4002
28	0	0,516	68	0	0,0001				28	4	0,33
29	2	0,4483	69	0	0				29	0	0,2698
30	1	0,3876	70	0	0				30	2	0,2187
31	0	0,3336	71	0	0				31	0	0,1758
32	1	0,2857	72	0	0				32	0	0,1401
33	0	0,2437	73	0	0				33	0	0,1107
34	0	0,2068	74	0	0				34	0	0,0868
35	0	0,1747	75	0	0				35	1	0,2744
36	0	0,147	76	0	0						
37	0	0,1231	77	0	0						
38	1	0,1026	78	0	0						
39	0	0,0851	79	0	0						
40	0	0,0703	80	0	0						

Input data: MeK9_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 34
 Parameters:
 a = 27,8378584079418
 b = 18,9811732176021
 DF =14
 $X^2 = 13,3038$ $P(X^2) = 0,5028$

X[i]	F[i]	NP[i]
1	0	0,4403
2	1	0,6457
3	1	0,8997
4	3	1,1937
5	2	1,5117
6	1	1,8312
7	2	2,1257
8	0	2,3688
9	1	2,538
10	2	2,6186
11	2	2,6052
12	3	2,5024
13	3	2,3235
14	4	2,0878
15	1	1,8173
16	0	1,5339
17	3	1,2566
18	1	1
19	0	0,7737
20	1	0,5824
21	0	0,4269
22	0	0,3048
23	0	0,2122
24	0	0,1442
25	0	0,0956
26	0	0,0619
27	0	0,0392
28	0	0,0243
29	0	0,0147
30	0	0,0087
31	0	0,005
32	0	0,0029
33	0	0,0016
34	0	0,0009
35	0	0,0005
36	0	0,0002
37	1	0,0001
38	1	0,0001
39	0	0
40	0	0
41	1	0

Input data: MeK10_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 28
 Parameters:
 a = 209,476106741873
 b = 200,118713599949
 DF =14
 $X^2 = 10,0746$ $P(X^2) = 0,7567$

X[i]	F[i]	NP[i]
1	0	0,7901
2	2	0,827
3	1	0,8614
4	2	0,8928
5	1	0,9207
6	0	0,9449
7	1	0,9649
8	2	0,9807
9	0	0,9918
10	0	0,9983
11	0	1
12	1	0,9969
13	2	0,9892
14	1	0,9769
15	3	0,9602
16	0	0,9393
17	1	0,9147
18	0	0,8866
19	1	0,8554
20	2	0,8215
21	2	0,7853
22	1	0,7474
23	0	0,708
24	1	0,6677
25	1	0,6269
26	0	0,5859
27	0	0,5452
28	0	0,5051
29	0	0,4659
30	1	0,4278
31	0	0,3911
32	0	0,356
33	0	0,3227
34	1	0,2912
35	0	0,2617
36	0	0,2341
37	1	1,5648

Input data: MeK11_1er.dat
 Distribution:Hyperpoisson(a,b)
 Sample size: 44
 Parameters:
 a = 83,2214653675587
 b = 71,7720683305795
 DF =24
 $X^2 = 26,8306$ $P(X^2) = 0,3124$

X[i]	F[i]	NP[i]
1	0	0,8443
2	4	0,979
3	2	1,1196
4	4	1,263
5	2	1,4057
6	1	1,5439
7	0	1,6736
8	2	1,7909
9	1	1,8921
10	1	1,9739
11	1	2,0337
12	4	2,0698
13	1	2,081
14	0	2,0673
15	0	2,0295
16	4	1,9692
17	2	1,8886
18	1	1,7907
19	0	1,6787
20	1	1,5562
21	1	1,4268
22	1	1,2938
23	1	1,1606
24	1	1,0301
25	2	0,9045
26	2	0,786
27	1	0,6759
28	1	0,5753
29	1	0,4848
30	1	0,4043
31	0	0,3339
32	0	0,2731
33	0	0,2211
34	0	0,1773
35	0	0,1408
36	0	0,1108
37	1	0,3499

Input data: Markera_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 584
 Best method is
 Method 4 of 5
 Parameters:
 a = 133,849977559267
 b = 140,711802836069
 DF =28
 $X^2 = 40,4647$ $P(X^2) = 0,0601$

Input data: Dama_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 326
 Best method is
 Method 2 of 5
 Parameters:
 a = 10733,1210283299
 b = 11433,3744821777
 DF =55
 $X^2 = 51,5524$ $P(X^2) = 0,6071$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	42	54,67	42	1	0,034	1	8	20,36	42	0	1,42	83	0	0,086
2	58	52,01	43	0	0,025	2	17	19,11	43	2	1,328	84	0	0,08
3	56	49,12	44	0	0,018	3	24	17,94	44	1	1,242	85	0	0,074
4	52	46,07	45	1	0,047	4	21	16,84	45	0	1,162	86	0	0,069
5	49	42,91				5	12	15,8	46	1	1,087	87	0	0,065
6	43	39,69				6	15	14,83	47	0	1,016	88	0	0,06
7	33	36,46				7	16	13,92	48	0	0,95	89	0	0,056
8	33	33,26				8	15	13,06	49	1	0,888	90	0	0,052
9	25	30,14				9	13	12,25	50	1	0,83	91	0	0,049
10	30	27,13				10	11	11,49	51	0	0,776	92	0	0,045
11	23	24,25				11	11	10,78	52	0	0,725	93	0	0,042
12	14	21,54				12	10	10,11	53	1	0,678	94	0	0,039
13	13	19				13	16	9,482	54	0	0,634	95	0	0,037
14	19	16,66				14	6	8,892	55	1	0,592	96	0	0,034
15	14	14,5				15	10	8,337	56	0	0,553	97	0	0,032
16	7	12,55				16	4	7,817	57	2	0,517	98	0	0,03
17	20	10,79				17	6	7,329	58	1	0,483	99	0	0,028
18	7	9,213				18	4	6,87	59	0	0,451	100	0	0,026
19	5	7,819				19	7	6,44	60	1	0,421	101	0	0,024
20	3	6,595				20	9	6,036	61	0	0,393	102	0	0,022
21	5	5,527				21	6	5,657	62	0	0,367	103	0	0,021
22	3	4,603				22	3	5,301	63	0	0,343	104	0	0,019
23	4	3,81				23	7	4,967	64	0	0,32	105	0	0,018
24	5	3,134				24	7	4,654	65	0	0,299	106	0	0,017
25	3	2,562				25	7	4,36	66	0	0,279	107	0	0,015
26	6	2,082				26	8	4,085	67	0	0,261	108	0	0,014
27	1	1,682				27	7	3,826	68	1	0,243	109	0	0,013
28	2	1,35				28	4	3,584	69	0	0,227	110	0	0,012
29	0	1,078				29	2	3,356	70	0	0,212	111	0	0,012
30	3	0,855				30	2	3,143	71	0	0,198	112	0	0,011
31	0	0,674				31	5	2,943	72	1	0,184	113	0	0,01
32	2	0,529				32	3	2,756	73	1	0,172	114	0	0,009
33	1	0,412				33	2	2,58	74	0	0,161	115	0	0,009
34	0	0,319				34	4	2,415	75	0	0,15	116	0	0,008
35	0	0,246				35	1	2,261	76	1	0,14	117	1	0,104
36	0	0,189				36	0	2,116	77	0	0,13			
37	0	0,144				37	2	1,98	78	0	0,121			
38	0	0,109				38	0	1,853	79	0	0,113			
39	0	0,082				39	1	1,734	80	0	0,106			
40	0	0,061				40	1	1,622	81	1	0,098			
41	1	0,046				41	1	1,518	82	0	0,092			

Input data: DamaK1_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 48
 Best method is
 Method 2 of 5
 Parameters:
 a = 1162,10457893092
 b = 1201,23437872833
 DF =29
 $X^2 = 27,6582$ $P(X^2) = 0,5362$

Input data: DamaK2_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 105
 Best method is
 Method 5 of 5
 min. size: 2
 a = 338,656896261887
 b = 344,587855156779
 DF =26
 $X^2 = 40,8112$ $P(X^2) = 0,0324$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	2,204	41	0	0,308	1	2	5,429	41	0	0,306	81	0	0,00
2	5	2,132	42	0	0,289	2	5	5,335	42	0	0,269	82	0	0,00
3	2	2,061	43	1	0,27	3	12	5,228	43	0	0,237	83	0	0,00
4	1	1,991	44	0	0,252	4	9	5,109	44	0	0,207	84	0	0,00
5	0	1,921	45	0	0,236	5	2	4,977	45	0	0,181	85	0	0,00
6	2	1,852	46	0	0,22	6	5	4,836	46	0	0,158	86	0	0,00
7	3	1,785	47	0	0,205	7	6	4,684	47	0	0,137	87	0	0,00
8	1	1,718	48	0	0,191	8	6	4,525	48	0	0,119	88	0	0,00
9	4	1,652	49	1	0,178	9	3	4,359	49	0	0,103	89	0	0,00
10	1	1,588	50	0	0,166	10	2	4,186	50	0	0,089	90	0	0,00
11	0	1,525	51	0	0,154	11	6	4,01	51	0	0,076	91	0	0,00
12	0	1,463	52	0	0,143	12	3	3,83	52	0	0,066	92	0	0,00
13	2	1,402	53	0	0,133	13	6	3,647	53	1	0,056	93	0	0,00
14	0	1,343	54	0	0,123	14	3	3,464	54	0	0,048	94	0	0,00
15	1	1,286	55	0	0,114	15	3	3,28	55	0	0,041	95	0	0,00
16	1	1,229	56	0	0,106	16	0	3,098	56	0	0,035	96	0	0,00
17	3	1,175	57	0	0,098	17	0	2,918	57	1	0,029	97	0	0,00
18	2	1,122	58	0	0,09	18	0	2,74	58	0	0,025	98	0	0,00
19	2	1,07	59	0	0,083	19	0	2,567	59	0	0,021	99	0	0,00
20	1	1,02	60	0	0,077	20	4	2,397	60	1	0,018	100	0	0,00
21	0	0,971	61	0	0,071	21	2	2,233	61	0	0,015	101	0	0,00
22	0	0,924	62	0	0,065	22	1	2,074	62	0	0,012	102	0	0,00
23	2	0,879	63	0	0,06	23	4	1,921	63	0	0,01	103	0	0,00
24	2	0,835	64	0	0,055	24	1	1,775	64	0	0,009	104	0	0,00
25	1	0,792	65	0	0,051	25	4	1,635	65	0	0,007	105	0	0,00
26	2	0,752	66	0	0,047	26	3	1,502	66	0	0,006	106	0	0,00
27	1	0,712	67	0	0,043	27	1	1,377	67	0	0,005	107	0	0,00
28	1	0,674	68	1	0,039	28	2	1,258	68	0	0,004	108	0	0,00
29	0	0,638	69	0	0,036	29	1	1,147	69	0	0,003	109	0	0,00
30	0	0,603	70	0	0,033	30	0	1,042	70	0	0,003	110	0	0,00
31	1	0,57	71	0	0,03	31	2	0,945	71	0	0,002	111	0	0,00
32	1	0,538	72	0	0,028	32	1	0,854	72	0	0,002	112	0	0,00
33	0	0,507	73	1	0,269	33	0	0,77	73	0	0,002	113	0	0,00
34	0	0,478				34	0	0,693	74	0	0,001	114	0	0,00
35	1	0,45				35	0	0,621	75	0	0,001	115	0	0,00
36	0	0,423				36	0	0,556	76	1	0,00	116	0	0,00
37	0	0,398				37	1	0,496	77	0	0,00	117	1	0,00
38	0	0,374				38	0	0,441	78	0	0,00			
39	0	0,351				39	0	0,391	79	0	0,00			
40	1	0,329				40	0	0,347	80	0	0,00			

Input data: DamaK3_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 116
 Best method is
 Method 2 of 5
 Parameters:
 a = 1725,57697263842
 b = 1823,94647757064
 DF =38
 X² = 29,7881 P(X²) = 0,8269

Input data: DamaK4_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 57
 Best method is
 Method 2 of 5
 Parameters:
 a = 2092,29863647933
 b = 2205,44218368188
 DF =29
 X² = 14,0332 P(X²) = 0,9912

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	7,082	41	1	0,5043	1	3	3,2845	41	0	0,2811
2	2	6,7	42	0	0,4668	2	5	3,116	42	0	0,262
3	9	6,3352	43	1	0,4319	3	1	2,9548	43	0	0,244
4	8	5,987	44	1	0,3994	4	3	2,8007	44	0	0,2271
5	8	5,6548	45	0	0,3692	5	2	2,6534	45	0	0,2114
6	4	5,3381	46	1	0,3411	6	4	2,5127	46	0	0,1966
7	5	5,0364	47	0	0,3149	7	2	2,3784	47	0	0,1828
8	6	4,7492	48	0	0,2906	8	2	2,2503	48	0	0,1699
9	4	4,4759	49	0	0,268	9	2	2,1281	49	0	0,1578
10	6	4,216	50	1	0,247	10	2	2,0116	50	0	0,1465
11	3	3,969	51	0	0,2276	11	2	1,9007	51	0	0,136
12	6	3,7345	52	0	0,2096	12	1	1,795	52	0	0,1261
13	5	3,5119	53	0	0,1929	13	3	1,6945	53	0	0,117
14	2	3,3008	54	0	0,1774	14	1	1,5988	54	0	0,1084
15	5	3,1006	55	1	0,1631	15	1	1,5079	55	0	0,1004
16	2	2,9111	56	0	0,1499	16	1	1,4216	56	0	0,093
17	3	2,7316	57	0	0,1377	17	0	1,3395	57	1	0,0861
18	1	2,5618	58	1	0,1263	18	1	1,2616	58	0	0,0796
19	2	2,4013	59	0	0,1159	19	3	1,1878	59	0	0,0737
20	2	2,2496	60	0	0,1063	20	2	1,1177	60	0	0,0681
21	3	2,1063	61	0	0,0974	21	1	1,0513	61	0	0,0629
22	0	1,9711	62	0	0,0892	22	2	0,9884	62	0	0,0581
23	0	1,8436	63	0	0,0817	23	1	0,9289	63	0	0,0536
24	4	1,7233	64	0	0,0747	24	0	0,8725	64	0	0,0495
25	1	1,6101	65	0	0,0683	25	1	0,8192	65	0	0,0456
26	3	1,5035	66	0	0,0625	26	0	0,7688	66	0	0,0421
27	3	1,4032	67	0	0,0571	27	2	0,7212	67	0	0,0388
28	1	1,3088	68	0	0,0521	28	0	0,6762	68	0	0,0357
29	1	1,2202	69	0	0,0475	29	0	0,6338	69	0	0,0329
30	1	1,1369	70	0	0,0434	30	1	0,5937	70	0	0,0303
31	1	1,0588	71	0	0,0395	31	1	0,5559	71	0	0,0278
32	0	0,9855	72	0	0,036	32	1	0,5203	72	1	0,3012
33	2	0,9167	73	0	0,0328	33	0	0,4868			
34	2	0,8523	74	0	0,0298	34	2	0,4552			
35	0	0,792	75	0	0,0271	35	0	0,4255			
36	0	0,7356	76	0	0,0247	36	0	0,3976			
37	0	0,6828	77	0	0,0224	37	1	0,3713			
38	0	0,6335	78	0	0,0204	38	0	0,3466			
39	0	0,5874	79	0	0,0185	39	1	0,3234			
40	0	0,5444	80	0	0,0168	40	0	0,3016			
			81	1	0,1555						

Input data: Futljar_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 277
 Parameters:
 a = 1350,18785925658
 b = 1422,37046077931
 DF =48

$X^2 = 52,1071$ $P(X^2) = 0,3172$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	16,578	43	2	1,0214
2	15	15,737	44	0	0,9417
3	16	14,928	45	0	0,8677
4	22	14,15	46	1	0,799
5	17	13,404	47	1	0,7352
6	11	12,688	48	1	0,676
7	16	12,002	49	1	0,6212
8	9	11,345	50	0	0,5704
9	10	10,717	51	0	0,5234
10	12	10,116	52	0	0,48
11	9	9,542	53	0	0,4398
12	12	8,9946	54	1	0,4028
13	9	8,4726	55	0	0,3686
14	10	7,9753	56	0	0,3371
15	6	7,502	57	0	0,3081
16	7	7,0519	58	0	0,2814
17	12	6,6242	59	0	0,2568
18	8	6,2181	60	0	0,2342
19	6	5,8328	61	0	0,2135
20	3	5,4676	62	0	0,1944
21	6	5,1217	63	0	0,177
22	8	4,7944	64	0	0,161
23	4	4,4849	65	2	0,1463
24	3	4,1924	66	1	0,1329
25	2	3,9163	67	0	0,1207
26	5	3,6559	68	0	0,1095
27	4	3,4104	69	0	0,0992
28	0	3,1792	70	0	0,0899
29	3	2,9617	71	0	0,0814
30	4	2,7571	72	0	0,0736
31	3	2,5649	73	0	0,0666
32	0	2,3844	74	0	0,0602
33	3	2,2152	75	0	0,0543
34	3	2,0565	76	0	0,049
35	2	1,9078	77	0	0,0442
36	1	1,7688	78	0	0,0398
37	2	1,6387	79	0	0,0359
38	1	1,5171	80	0	0,0323
39	0	1,4036	81	0	0,029
40	0	1,2977	82	0	0,0261
41	0	1,199	83	1	0,2185
42	1	1,107			

Input data: Malciki_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 167
 Parameters:
 a = 16040,7555880242
 b = 17735,9412544244
 DF =32

$X^2 = 33,2799$ $P(X^2) = 0,4047$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	42	54,673	41	1	0,0457
2	58	52,007	42	1	0,0339
3	56	49,121	43	0	0,0249
4	52	46,071	44	0	0,0183
5	49	42,91	45	1	0,0468
6	43	39,689			
7	33	36,458			
8	33	33,262			
9	25	30,14			
10	30	27,128			
11	23	24,254			
12	14	21,54			
13	13	19,004			
14	19	16,657			
15	14	14,505			
16	7	12,549			
17	20	10,787			
18	7	9,2134			
19	5	7,8194			
20	3	6,5945			
21	5	5,5267			
22	3	4,6029			
23	4	3,8099			
24	5	3,1341			
25	3	2,5624			
26	6	2,0823			
27	1	1,6819			
28	2	1,3504			
29	0	1,0777			
30	3	0,855			
31	0	0,6744			
32	2	0,5287			
33	1	0,4122			
34	0	0,3194			
35	0	0,2461			
36	0	0,1886			
37	0	0,1436			
38	0	0,1088			
39	0	0,0819			
40	0	0,0614			

Input data: Zapiski_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 640
 Best method is
 Method 2 of 5
 Parameters:
 a = 99,121467205112
 b = 113,71860088228
 DF =20
 $X^2 = 45,9593$ $P(X^2) = 0,0008$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	58	102,5	21	1	1,349
2	101	89,32	22	2	1
3	104	77,18	23	0	0,736
4	75	66,11	24	1	0,537
5	67	56,14	25	0	0,39
6	48	47,27	26	2	0,28
7	38	39,47	27	0	0,2
8	31	32,68	28	0	0,142
9	26	26,83	29	1	0,322
10	25	21,85			
11	13	17,65			
12	8	14,14			
13	12	11,24			
14	8	8,861			
15	4	6,931			
16	5	5,379			
17	6	4,142			
18	1	3,165			
19	3	2,4			
20	0	1,806			

Input data: Nevskij_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 696
 Best method is
 Method 2 of 5
 Parameters:
 a = 293,337397021846
 b = 322,984195063343
 DF =32
 $X^2 = 49,6929$ $P(X^2) = 0,0239$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	40	77,02	21	2	6,307	41	0	0,161						
2	78	69,95	22	4	5,394	42	0	0,13						
3	71	63,33	23	3	4,6	43	0	0,105						
4	62	57,16	24	6	3,911	44	0	0,084						
5	58	51,44	25	1	3,316	45	0	0,067						
6	50	46,15	26	4	2,803	46	0	0,054						
7	45	41,27	27	1	2,363	47	1	0,043						
8	32	36,8	28	3	1,986	48	0	0,034						
9	45	32,71	29	0	1,665	49	0	0,027						
10	31	28,99	30	1	1,391	50	0	0,021						
11	22	25,62	31	1	1,16	51	0	0,017						
12	26	22,57	32	2	0,964	52	0	0,013						
13	16	19,82	33	1	0,799	53	0	0,01						
14	21	17,36	34	0	0,66	54	1	0,036						
15	14	15,15	35	1	0,544									
16	14	13,19	36	0	0,447									
17	13	11,45	37	1	0,366									
18	7	9,907	38	0	0,299									
19	15	8,547	39	0	0,244									
20	3	7,353	40	0	0,198									

Input data: Nos.2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 556
 Best method is
 Method 2 of 5

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	54	74,018	16	14	8,6055
2	69	64,491	17	5	7,4074
3	70	56,144	18	5	6,371
4	49	48,838	19	6	5,4752
5	46	42,448	20	6	4,7016
6	33	36,865	21	4	4,0341
7	29	31,99	22	0	3,4585
8	29	27,737	23	3	2,9627
9	28	24,03	24	1	2,536
10	27	20,801	25	1	2,1689
11	19	17,992	26	0	1,8536
12	13	15,55	27	1	1,5828
13	18	13,428	28	0	1,3505
14	9	11,586	29	2	1,1513
15	9	9,9894	30	0	0,9808

Parameters:
 a = 1070,48611118848
 b = 1228,62797937153
 DF =30
 $X^2 = 31,8834$ $P(X^2) = 0,3730$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
31	0	0,8349	46	0	0,0677						
32	1	0,7101	47	0	0,0569						
33	0	0,6034	48	0	0,0478						
34	1	0,5124	49	1	0,2436						
35	0	0,4348									
36	0	0,3686									
37	0	0,3123									
38	1	0,2643									
39	0	0,2236									
40	0	0,189									
41	0	0,1596									
42	0	0,1346									
43	0	0,1135									
44	2	0,0956									
45	0	0,0805									

Input data: NosK1_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 80
 Best method is
 Method 2 of 5
 Parameters:
 a = 49,8785587538536
 b = 50,7140596494957
 DF =14
 $X^2 = 7,5434$ $P(X^2) = 0,9117$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	8	8,554	16	0	1
2	10	8,413	17	0	0,759
3	9	8,114	18	2	0,568
4	6	7,678	19	1	0,418
5	5	7,13	20	0	0,303
6	6	6,5	21	1	0,692
7	6	5,819			
8	8	5,118			
9	5	4,423			
10	5	3,757			
11	2	3,138			
12	3	2,578			
13	0	2,084			
14	2	1,657			
15	1	1,297			

Input data: NosK2_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 411
 Best method is
 Method 2 of 5
 Parameters:
 a = 4714,18645173721
 b = 5433,32386868875
 DF =30
 $X^2 = 34,8827$ $P(X^2) = 0,2469$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	39	54,82	17	4	5,531	33	0	0,533						
2	49	47,56	18	3	4,785	34	1	0,459						
3	54	41,26	19	5	4,139	35	0	0,396						
4	38	35,79	20	5	3,579	36	0	0,342						
5	35	31,03	21	3	3,095	37	0	0,294						
6	24	26,91	22	0	2,675	38	1	0,254						
7	19	23,32	23	2	2,312	39	0	0,219						
8	19	20,21	24	0	1,998	40	0	0,188						
9	21	17,52	25	1	1,726	41	0	0,162						
10	19	15,18	26	0	1,491	42	0	0,14						
11	14	13,14	27	1	1,288	43	0	0,12						
12	9	11,38	28	0	1,112	44	2	0,104						
13	14	9,857	29	2	0,96	45	0	0,089						
14	6	8,534	30	0	0,829	46	0	0,077						
15	6	7,387	31	0	0,715	47	0	0,066						
16	13	6,393	32	1	0,617	48	0	0,057						
						49	1	0,347						

Input data: NosK3_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 65
 Best method is
 Method 2 of 5
 Parameters:
 a = 142,81881359186
 b = 155,833456517566
 DF =17
 $X^2 = 7,7757$ $P(X^2) = 0,9711$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	7	7,6121	15	2	1,2725
2	10	6,9764	16	1	1,0701
3	7	6,353	17	1	0,8946
4	5	5,7486	18	0	0,7436
5	6	5,169	19	0	0,6144
6	3	4,6188	20	1	0,5048
7	4	4,1014	21	0	0,4124
8	2	3,6195	22	0	0,3349
9	2	3,1746	23	1	0,2705
10	3	2,7674	24	1	1,0063
11	3	2,3978			
12	1	2,065			
13	4	1,7678			
14	1	1,5043			

Input data: BL_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 427
 Best method is
 Method 1 of 5
 Parameters:
 a = 163,13333359679
 b = 184,80314694205
 DF =22
 $X^2 = 11,3643$ $P(X^2) = 0,9692$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	61	60,269	15	3	6,5003
2	59	53,202	16	6	5,334
3	42	46,711	17	5	4,3551
4	41	40,792	18	6	3,5381
5	35	35,434	19	1	2,8601
6	32	30,616	20	3	2,3006
7	26	26,314	21	2	1,8415
8	21	22,498	22	1	1,4669
9	19	19,135	23	1	1,1627
10	18	16,191	24	1	0,9172
11	17	13,628	25	2	0,72
12	13	11,413	26	0	0,5625
13	4	9,5086	27	0	0,4374
14	7	7,8818	28	1	1,4082

Input data: Me_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 615
 Best method is
 Method 2 of 5

Parameters:
 a = 33234379,407492
 b = 38628680,3823906
 DF =32
 $X^2 = 41,8063$ $P(X^2) = 0,1149$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	77	85,882	17	10	7,74	33	2	0,6976	49	0	0,0629
2	92	73,889	18	9	6,6592	34	0	0,6001	50	0	0,0541
3	64	63,571	19	6	5,7292	35	1	0,5163	51	0	0,0465
4	37	54,693	20	2	4,9292	36	1	0,4442	52	0	0,04
5	35	47,056	21	2	4,2408	37	0	0,3822	53	0	0,0344
6	37	40,485	22	4	3,6486	38	0	0,3288	54	0	0,0296
7	43	34,831	23	2	3,1391	39	1	0,2829	55	0	0,0255
8	37	29,967	24	0	2,7008	40	0	0,2434	56	0	0,0219
9	39	25,782	25	3	2,3236	41	0	0,2094	57	0	0,0189
10	19	22,182	26	2	1,9991	42	0	0,1802	58	0	0,0162
11	22	19,084	27	0	1,72	43	0	0,155	59	0	0,014
12	14	16,419	28	1	1,4798	44	1	0,1334	60	0	0,012
13	14	14,126	29	0	1,2731	45	0	0,1147	61	0	0,0103
14	15	12,154	30	2	1,0953	46	0	0,0987	62	1	0,0637
15	13	10,457	31	1	0,9424	47	0	0,0849			
16	6	8,9963	32	0	0,8108	48	0	0,0731			

Input data: MeK1_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 58
 Best method is
 Method 2 of 5

Parameters:
 a = 918,211900896324
 b = 1089,05172356755
 DF =14
 $X^2 = 16,1185$ $P(X^2) = 0,3062$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	11	9,324	16	0	0,655
2	10	7,862	17	1	0,545
3	5	6,622	18	1	0,453
4	1	5,573	19	0	0,376
5	2	4,686	20	0	0,312
6	5	3,937	21	0	0,258
7	3	3,304	22	0	0,214
8	2	2,77	23	0	0,177
9	4	2,321	24	0	0,146
10	1	1,943	25	1	0,121
11	4	1,624	26	0	0,1
12	1	1,357	27	0	0,082
13	3	1,133	28	0	0,068
14	2	0,945	29	0	0,056
15	0	0,787	30	0	0,046

Input data: MeK2_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 43
 Best method is
 Method 5 of 5

Parameters:
 a = 52,9410734030051
 b = 55,7697900218653
 DF =11
 $X^2 = 14,7573$ $P(X^2) = 0,1939$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	6	5,355	16	0	0,431
2	4	5,084	17	0	0,323
3	2	4,741	18	0	0,238
4	0	4,345	19	0	0,173
5	6	3,914	20	0	0,124
6	3	3,467	21	0	0,088
7	6	3,02	22	0	0,062
8	5	2,588	23	1	0,042
9	3	2,183	24	0	0,029
10	1	1,812	25	1	0,055
11	2	1,481			
12	0	1,192			
13	1	0,945			
14	0	0,739			
15	2	0,569			

Input data: MeK3_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 60
 Best method is
 Method 2 of 5

Parameters:
 a = 1016,73090466021
 b = 1222,556427961
 DF =13
 $X^2 = 21,4816$ $P(X^2) = 0,0639$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	11	10,293	17	3	0,4887	33	0	0,0189	49	0	0,0006
2	7	8,5599	18	2	0,4012	34	0	0,0153	50	0	0,0005
3	8	7,113	19	0	0,3291	35	0	0,0124	51	0	0,0004
4	2	5,9058	20	0	0,2697	36	0	0,01	52	0	0,0003
5	7	4,8995	21	0	0,2209	37	0	0,0081	53	0	0,0002
6	3	4,0613	22	0	0,1807	38	0	0,0065	54	0	0,0002
7	0	3,3638	23	0	0,1478	39	0	0,0053	55	0	0,0002
8	5	2,7838	24	0	0,1207	40	0	0,0043	56	0	0,0001
9	3	2,302	25	0	0,0985	41	0	0,0034	57	0	0,0001
10	1	1,902	26	0	0,0804	42	0	0,0028	58	0	0,0001
11	1	1,5702	27	0	0,0655	43	0	0,0022	59	0	0,0001
12	2	1,2953	28	0	0,0533	44	0	0,0018	60	0	0
13	0	1,0676	29	0	0,0434	45	0	0,0014	61	0	0
14	1	0,8792	30	0	0,0353	46	0	0,0012	62	1	0,0001
15	0	0,7235	31	0	0,0287	47	0	0,0009			
16	3	0,5949	32	0	0,0233	48	0	0,0007			

Input data: MeK4_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 47
 Best method is
 Method 1 of 5

Parameters:
 a = 345,345118047907
 b = 379,400177674146
 DF =17
 $X^2 = 22,8168$ $P(X^2) = 0,1553$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	5,016	16	1	0,931
2	10	4,566	17	0	0,815
3	6	4,145	18	0	0,712
4	7	3,753	19	0	0,62
5	3	3,39	20	0	0,539
6	2	3,053	21	0	0,467
7	2	2,743	22	1	0,404
8	0	2,458	23	0	0,349
9	1	2,197	24	0	0,3
10	0	1,958	25	1	0,257
11	1	1,741	26	0	0,22
12	0	1,544	27	0	0,188
13	1	1,366	28	0	0,16
14	2	1,205	29	0	0,136
15	1	1,061	30	0	0,115

Input data: MeK5_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 26
 Best method is
 Method 2 of 5

Parameters:
 a = 166,033410568976
 b = 171,186086471195
 DF =14
 $X^2 = 13,9153$ $P(X^2) = 0,4560$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	1,966	16	0	0,685
2	5	1,907	17	1	0,61
3	0	1,839	18	0	0,542
4	1	1,763	19	0	0,478
5	2	1,681	20	1	0,419
6	1	1,593	21	0	0,366
7	3	1,501	22	1	0,318
8	0	1,407	23	1	0,275
9	2	1,311	24	0	0,236
10	1	1,214	25	0	0,202
11	2	1,119	26	0	0,172
12	0	1,025	27	0	0,145
13	1	0,935	28	1	0,122
14	0	0,847	29	0	0,103
15	1	0,764	30	1	0,458

Input data: MeK6_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 161
 Best method is
 Method 1 of 5
 Parameters:
 a = 378,664141281513
 b = 428,269886915704
 DF =22
 $X^2 = 30,9704$ $P(X^2) = 0,0967$

Input data: MeK7_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 63
 Best method is
 Method 1 of 5
 Parameters:
 a = 7516,19563817733
 b = 8743,76272567357
 DF =16
 $X^2 = 25,3230$ $P(X^2) = 0,0643$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	21	20,65	21	1	1,138	1	9	8,882	21	0	0,422	41	0	0,019
2	18	18,26	22	1	0,961	2	18	7,635	22	1	0,362	42	0	0,016
3	24	16,11	23	0	0,81	3	6	6,563	23	0	0,31	43	0	0,014
4	15	14,18	24	0	0,681	4	2	5,64	24	0	0,266	44	1	0,083
5	5	12,45	25	0	0,572	5	3	4,847	25	0	0,228			
6	8	10,9	26	1	0,479	6	4	4,164	26	1	0,196			
7	11	9,53	27	0	0,4	7	3	3,578	27	0	0,168			
8	8	8,31	28	0	0,333	8	3	3,073	28	0	0,144			
9	14	7,229	29	0	0,277	9	1	2,64	29	0	0,123			
10	3	6,275	30	1	0,23	10	2	2,267	30	0	0,106			
11	4	5,434	31	0	0,191	11	0	1,947	31	0	0,09			
12	7	4,695	32	0	0,157	12	1	1,671	32	0	0,077			
13	2	4,047	33	0	0,13	13	1	1,435	33	1	0,066			
14	3	3,481	34	0	0,107	14	1	1,232	34	0	0,057			
15	1	2,987	35	0	0,088	15	3	1,057	35	0	0,049			
16	1	2,557	36	0	0,072	16	1	0,907	36	0	0,042			
17	4	2,185	37	0	0,059	17	0	0,779	37	0	0,036			
18	5	1,862	38	0	0,048	18	0	0,668	38	0	0,031			
19	1	1,583	39	1	0,2	19	1	0,573	39	0	0,026			
20	1	1,344				20	0	0,492	40	0	0,022			

Input data: MeK8_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 51
 min.size: 2
 Parameters:
 a = 77,3799925595238
 b = 81,7203215913318
 DF =11
 $X^2 = 14,9619$ $P(X^2) = 0,1842$

Input data: MeK9_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 34
 Parameters:
 a = 14,7546141383204
 b = 12,2060429538545
 DF =8
 $X^2 = 13,2092$ $P(X^2) = 0,1049$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	6	5,7412	12	0	1,6511	1	1	2,949	12	0	0,6586
2	7	5,4363	13	0	1,3779	2	4	3,5648	13	0	0,4187
3	6	5,0853	14	4	1,1377	3	3	3,9828	14	0	0,2552
4	2	4,7002	15	2	0,9294	4	2	4,1366	15	0	0,1494
5	2	4,2929	16	0	0,7513	5	3	4,0138	16	0	0,0841
6	0	3,8753	17	0	0,6011	6	5	3,6543	17	0	0,0456
7	4	3,4579	18	1	2,0004	7	7	3,1337	18	0	0,0239
8	6	3,0503				8	1	2,5396	19	2	0,0121
9	3	2,6604				9	4	1,951	20	0	0,0059
10	5	2,2945				10	1	1,4246	21	1	0,005
11	3	1,9571				11	0	0,9912			

Input data: MeK10_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 28
 Best method is
 Method 1 of 5
 Parameters:
 a = 40,0500091911765
 b = 36,5528193933824
 DF =13
 $X^2 = 8,4697$ $P(X^2) = 0,8117$

X[i]	F[i]	NP[i]	X[i]
1	2	1,8375	11
2	3	2,0133	12
3	1	2,1472	13
4	3	2,2306	14
5	0	2,2586	15
6	1	2,2306	16
7	3	2,15	17
8	3	2,0235	18
9	1	1,8608	19
10	3	1,6727	

Input data: MeK11_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 44
 Best method is
 Method 1 of 5
 Parameters:
 a = 57,6414012908936
 b = 56,5739679336548
 DF =14
 $X^2 = 12,5718$ $P(X^2) = 0,5605$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	4	3,6234	11	2	2,0545
2	6	3,6918	12	2	1,7789
3	3	3,6961	13	4	1,5174
4	2	3,6373	14	2	1,2755
5	2	3,5193	15	2	1,0567
6	5	3,3489	16	0	0,8631
7	1	3,135	17	0	0,6951
8	4	2,8879	18	0	0,5521
9	3	2,6184	19	1	1,7114
10	1	2,3373			

Input data: Markera_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 584
 Best method is
 Method 4 of 5
 a = 35,3885764606582
 b = 40,0082048759839
 DF =15
 $X^2 = 17,6232$ $P(X^2) = 0,2830$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	100	106,2	21	2	0,148
2	108	93,95	22	0	0,087
3	92	81,08	23	1	0,115
4	66	68,3			
5	55	56,2			
6	37	45,19			
7	32	35,53			
8	21	27,33			
9	27	20,58			
10	8	15,17			
11	8	10,95			
12	9	7,75			
13	9	5,377			
14	3	3,659			
15	3	2,443			
16	2	1,601			
17	1	1,03			
18	0	0,651			
19	0	0,404			
20	0	0,246			

Input data: Dama_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 326
 Best method is
 Method 2 of 5
 a = 3072,71839525808
 b = 3487,55638048503
 DF =31
 $X^2 = 38,5645$ $P(X^2) = 0,1647$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	25	39,36	21	1	2,962
2	45	34,68	22	3	2,594
3	27	30,55	23	1	2,272
4	31	26,9	24	0	1,989
5	24	23,68	25	2	1,741
6	21	20,84	26	0	1,524
7	22	18,33	27	1	1,333
8	14	16,13	28	1	1,166
9	10	14,18	29	3	1,019
10	16	12,46	30	1	0,891
11	9	10,95	31	0	0,778
12	14	9,622	32	0	0,68
13	15	8,451	33	0	0,594
14	11	7,42	34	1	0,518
15	4	6,513	35	0	0,452
16	8	5,716	36	1	0,395
17	6	5,014	37	1	0,344
18	1	4,398	38	1	0,3
19	2	3,856	39	0	0,262
20	2	3,38	40	0	0,228
			41	1	0,199
			42	0	0,173
			43	0	0,151
			44	0	0,131
			45	0	0,114
			46	0	0,099
			47	0	0,087
			48	0	0,075
			49	0	0,065
			50	0	0,057
			51	0	0,049
			52	0	0,043
			53	0	0,037
			54	0	0,032
			55	0	0,028
			56	0	0,024
			57	0	0,021
			58	0	0,018
			59	1	0,118

Input data: DamaK1_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 48
 Method 2 of 5
 a = 220,268013779694
 b = 235,589149621453
 DF =17
 $X^2 = 17,7632$ $P(X^2) = 0,4039$

Input data: DamaK2_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 105
 min size: 4
 a = 287,129943189837
 b = 326,874021930991
 DF =10
 $X^2 = 22,1269$ $P(X^2) = 0,0145$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	4,516	21	0	0,537	1	7	14,33	21	0	0,606	41	0	0,008
2	3	4,223	22	1	0,463	2	21	12,59	22	0	0,502	42	0	0,006
3	2	3,931	23	0	0,397	3	7	11,02	23	0	0,414	43	0	0,005
4	4	3,645	24	0	0,34	4	12	9,623	24	0	0,341	44	0	0,004
5	5	3,365	25	1	0,289	5	5	8,376	25	0	0,28	45	0	0,003
6	0	3,093	26	0	0,245	6	9	7,269	26	0	0,229	46	0	0,002
7	2	2,832	27	0	0,207	7	9	6,289	27	1	0,187	47	0	0,002
8	2	2,582	28	0	0,175	8	3	5,425	28	0	0,152	48	0	0,001
9	5	2,345	29	0	0,147	9	0	4,665	29	1	0,123	49	0	0,001
10	3	2,12	30	0	0,122	10	4	4	30	1	0,1	50	0	0,00
11	0	1,909	31	0	0,102	11	3	3,42	31	0	0,081	51	0	0,00
12	4	1,712	32	0	0,085	12	5	2,915	32	0	0,065	52	0	0,00
13	3	1,53	33	0	0,07	13	7	2,477	33	0	0,052	53	0	0,00
14	2	1,361	34	1	0,058	14	3	2,099	34	0	0,042	54	0	0,00
15	0	1,206	35	0	0,047	15	1	1,773	35	0	0,033	55	0	0,00
16	2	1,064	36	0	0,039	16	3	1,493	36	0	0,026	56	0	0,00
17	0	0,935	37	1	0,157	17	0	1,254	37	0	0,021	57	0	0,00
18	1	0,819				18	0	1,05	38	1	0,017	58	0	0,00
19	0	0,714				19	1	0,877	39	0	0,013	59	1	0,00
20	1	0,62				20	0	0,73	40	0	0,01			

Input data: DamaK3_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 57
 a = 514,710079070318
 b = 575,240736212488
 DF =23
 $X^2 = 18,4618$ $P(X^2) = 0,7320$

Input data: DamaK4_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 57
 a = 311,422357341646
 b = 346,72055770169
 DF =16
 $X^2 = 9,6150$ $P(X^2) = 0,8859$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	13,4	16	1	2,12	31	0	0,23	1	8	6,74	16	2	1	31	0	0,08
2	17	12	17	4	1,85	32	0	0,19	2	4	6,06	17	2	0,86	32	0	0,07
3	12	10,7	18	0	1,61	33	0	0,16	3	6	5,43	18	0	0,74	33	0	0,05
4	11	9,58	19	0	1,4	34	0	0,14	4	4	4,84	19	1	0,63	34	0	0,04
5	10	8,53	20	0	1,21	35	0	0,12	5	4	4,31	20	1	0,54	35	0	0,04
6	9	7,58	21	1	1,05	36	0	0,1	6	3	3,83	21	0	0,46	36	1	0,16
7	7	6,72	22	2	0,91	37	0	0,08	7	4	3,39	22	0	0,39			
8	7	5,95	23	1	0,78	38	0	0,07	8	2	2,99	23	0	0,33			
9	4	5,26	24	0	0,67	39	0	0,06	9	1	2,64	24	0	0,28			
10	4	4,64	25	1	0,58	40	0	0,05	10	5	2,31	25	0	0,24			
11	3	4,09	26	0	0,5	41	1	0,25	11	3	2,03	26	0	0,2			
12	4	3,6	27	0	0,43				12	1	1,77	27	0	0,17			
13	4	3,16	28	1	0,37				13	1	1,54	28	0	0,14			
14	4	2,77	29	1	0,31				14	2	1,34	29	1	0,12			
15	2	2,42	30	0	0,27				15	1	1,16	30	0	0,1			

Input data: Futljar_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 277
 Best method is
 Method 2 of 5
 Parameters:
 a = 312,147056894162
 b = 347,498424078401
 DF =26
 $X^2 = 28,7822$ $P(X^2) = 0,3211$

Input data: Malciki_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 167
 Best method is
 Method 1 of 5
 Parameters:
 a = 855,722293194807
 b = 1016,98571129443
 DF =19
 $X^2 = 22,8852$ $P(X^2) = 0,2424$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	16	32,747	23	1	1,6113	1	28	27,166	21	1	0,7141
2	38	29,416	24	2	1,3612	2	32	22,858	22	0	0,5893
3	28	26,347	25	1	1,1469	3	22	19,215	23	0	0,4858
4	25	23,532	26	0	0,9636	4	13	16,136	24	1	0,4001
5	22	20,957	27	1	0,8075	5	10	13,537	25	0	0,3292
6	21	18,611	28	0	0,6749	6	7	11,346	26	0	0,2706
7	19	16,48	29	0	0,5625	7	14	9,5002	27	0	0,2223
8	13	14,552	30	0	0,4676	8	6	7,9469	28	0	0,1823
9	20	12,814	31	0	0,3877	9	6	6,641	29	0	0,1495
10	9	11,251	32	0	0,3206	10	4	5,5443	30	0	0,1224
11	14	9,8514	33	3	0,2644	11	2	4,6243	31	0	0,1001
12	7	8,6017	34	0	0,2175	12	2	3,8531	32	0	0,0818
13	7	7,4896	35	0	0,1784	13	5	3,2074	33	1	0,3564
14	4	6,5031	36	0	0,146	14	3	2,6673			
15	7	5,6309	37	0	0,1191	15	2	2,2161			
16	3	4,8621	38	0	0,097	16	1	1,8393			
17	6	4,1868	39	0	0,0787	17	5	1,5252			
18	3	3,5953	40	0	0,0637	18	1	1,2635			
19	3	3,0789	41	0	0,0515	19	1	1,0456			
20	0	2,6295	42	1	0,2031	20	0	0,8645			
21	1	2,2396									
22	2	1,9022									

Input data: Zapiski_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 640
 Best method is
 Method 2 of 5
 Parameters:
 a = 43,929957524093
 b = 54,8745684553469
 DF =13
 $X^2 = 25,7547$ $P(X^2) = 0,0183$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	115	151,3	13	3	3,398
2	148	121,1	14	1	2,232
3	109	95,23	15	2	1,445
4	81	73,55	16	1	0,922
5	56	55,83	17	0	0,579
6	39	41,66	18	2	0,359
7	32	30,57	19	1	0,538
8	14	22,06			
9	17	15,66			
10	7	10,94			
11	9	7,525			
12	3	5,096			

Input data: Nevskij_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 696
 Best method is
 Method 2 of 5
 Parameters:
 a = 124,776779969221
 b = 144,901828938565
 DF =21
 $X^2 = 23,7310$ $P(X^2) = 0,3063$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	81	114,1	13	16	12,17	25	1	0,516
2	108	98,23	14	4	9,674	26	0	0,381
3	92	84	15	6	7,645	27	0	0,28
4	78	71,35	16	7	6,003	28	0	0,205
5	66	60,2	17	2	4,684	29	0	0,148
6	56	50,44	18	4	3,633	30	0	0,107
7	41	41,99	19	3	2,8	31	1	0,077
8	38	34,72	20	1	2,144	32	0	0,055
9	29	28,52	21	2	1,633	33	0	0,039
10	22	23,27	22	2	1,235	34	0	0,027
11	23	18,87	23	0	0,929	35	0	0,019
12	11	15,2	24	1	0,695	36	1	0,043

Input data: Nos_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 556
 Best method is
 Method 2 of 5
 Parameters:
 a = 562,660792824363
 b = 694,42914491972
 DF =21
 $X^2 = 19,6363$ $P(X^2) = 0,5444$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	90	108,08	16	3	3,9612
2	103	87,575	17	1	3,1417
3	74	70,856	18	1	2,4882
4	54	57,246	19	1	1,9679
5	47	46,184	20	1	1,5542
6	39	37,206	21	1	1,2258
7	36	29,931	22	0	0,9654
8	23	24,044	23	1	0,7592
9	21	19,287	24	0	0,5963
10	15	15,449	25	0	0,4676
11	17	12,358	26	1	0,3663
12	7	9,8706	27	0	0,2864
13	9	7,8729	28	0	0,2237
14	7	6,2707	29	1	0,1745
15	1	4,9874	30	1	0,1359

Input data: nosK1_3er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 80
 Best method is
 Method 2 of 5
 Parameters:
 a = 22,1791948263462
 b = 23,144281305597
 DF =9
 $X^2 = 6,5663$ $P(X^2) = 0,6822$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
31	0	0,1057	1	15	12,719
32	0	0,0821	2	12	12,189
33	1	0,2781	3	8	11,197
			4	9	9,8763
			5	12	8,3785
			6	7	6,8459
			7	6	5,395
			8	4	4,1056
			9	0	3,0208
			10	3	2,1512
			11	0	1,4843
			12	2	0,9933
			13	1	0,6452
			14	1	0,9994

Input data: nosK2_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 411
 Best method is
 Method 2 of 5
 Parameters:
 a = 13146953,4028099
 b = 16314178,8757116
 DF =21

$X^2 = 21,5797$ $P(X^2) = 0,4241$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	65	79,791	16	2	3,1322
2	77	64,301	17	1	2,5241
3	57	51,817	18	1	2,0341
4	40	41,758	19	1	1,6392
5	30	33,651	20	1	1,321
6	29	27,118	21	1	1,0645
7	25	21,853	22	0	0,8578
8	17	17,611	23	1	0,6913
9	16	14,192	24	0	0,5571
10	10	11,437	25	0	0,4489
11	15	9,2162	26	1	0,3618
12	5	7,427	27	0	0,2915
13	8	5,9851	28	0	0,2349
14	5	4,8232	29	1	0,1893
15	0	3,8868	30	1	0,1526

Input data: nosK3_3er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 65
 Best method is
 Method 2 of 5
 Parameters:
 a = 50,4167678490062
 b = 56,9970808851673
 DF =11

$X^2 = 8,3345$ $P(X^2) = 0,6831$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
31	0	0,123	1	10	10,996
32	0	0,0991	2	14	9,7262
33	1	0,4113	3	9	8,455
			4	5	7,2253
			5	5	6,0716
			6	3	5,0184
			7	5	4,0811
			8	2	3,2661
			9	5	2,573
			10	2	1,9958
			11	2	1,5247
			12	0	1,1473
			13	0	0,8507
			14	1	0,6216
			15	1	0,4477
			16	1	0,9998

Input data: BL_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 427
 Best method is
 Method 2 of 5
 Parameters:
 a = 64,5616100280576
 b = 77,7707031342741
 DF =15

$X^2 = 10,4745$ $P(X^2) = 0,7889$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	91	86,741	16	2	1,4881
2	71	72,009	17	2	1,0356
3	57	59,019	18	0	0,713
4	51	47,767	19	1	1,4354
5	36	38,181			
6	30	30,145			
7	28	23,514			
8	20	18,122			
9	7	13,802			
10	7	10,389			
11	8	7,7298			
12	9	5,6858			
13	2	4,1352			
14	4	2,974			
15	1	2,1153			

Input data: Me_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 615
 Best method is
 Method 1 of 5
 Parameters:
 a = 530,225106920948
 b = 656,016151026993
 DF =21

$X^2 = 31,2699$ $P(X^2) = 0,0693$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	121	120,9	16	1	4,233
2	112	97,72	17	4	3,344
3	57	78,86	18	1	2,639
4	52	63,54	19	1	2,079
5	64	51,13	20	2	1,635
6	55	41,07	21	1	1,285
7	33	32,94	22	2	1,008
8	22	26,39	23	1	0,789
9	22	21,1	24	1	0,617
10	20	16,85	25	0	0,482
11	10	13,43	26	1	0,376
12	15	10,7	27	0	0,293
13	8	8,502	28	0	0,227
14	2	6,748	29	0	0,177
15	5	5,348	30	1	0,137
			31	0	0,106
			32	0	0,082
			33	0	0,063
			34	0	0,049
			35	0	0,038
			36	0	0,029
			37	0	0,022
			38	0	0,017
			39	0	0,013
			40	0	0,01
			41	0	0,008
			42	1	0,024

Input data: MeK1_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 58
 Best method is
 Method 2 of 5
 Parameters:
 a = 870,607960871637
 b = 1131,09813583681
 DF =9
 $X^2 = 16,8133$ $P(X^2) = 0,0517$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	17	13,485	16	0	0,2424
2	9	10,38	17	1	0,1841
3	3	7,9821	18	0	0,1398
4	5	6,133	19	0	0,106
5	3	4,7081	20	0	0,0803
6	6	3,6111	21	0	0,0608
7	4	2,7672	22	0	0,046
8	2	2,1187	23	1	0,1407
9	5	1,6207			
10	0	1,2387			
11	0	0,9459			
12	2	0,7217			
13	0	0,5501			
14	0	0,419			
15	0	0,3188			

Input data: MeK2_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 43
 Best method is
 Method 5 of 5
 Parameters:
 a = 17,3774504142147
 b = 17,690824707305
 DF =7
 $X^2 = 9,8231$ $P(X^2) = 0,1988$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	8	6,8954	16	1	0,045
2	4	6,7733	17	1	0,048
3	3	6,2973			
4	6	5,5575			
5	9	4,6675			
6	5	3,7394			
7	3	2,8637			
8	0	2,1006			
9	1	1,4784			
10	2	1			
11	0	0,6511			
12	0	0,4086			
13	0	0,2475			
14	0	0,1448			
15	0	0,082			

Input data: MeK3_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 60
 Best method is
 Method 2 of 5
 Parameters:
 a = 2403,94989550537
 b = 3148,24742077634
 DF =9
 $X^2 = 12,8743$ $P(X^2) = 0,1684$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	11	14,23	16	0	0,241
2	15	10,87	17	0	0,183
3	6	8,295	18	0	0,139
4	6	6,33	19	0	0,106
5	3	4,829	20	0	0,08
6	5	3,683	21	0	0,061
7	2	2,808	22	0	0,046
8	2	2,14	23	0	0,035
9	0	1,63	24	0	0,027
10	1	1,242	25	0	0,02
11	4	0,945	26	0	0,015
12	4	0,72	27	0	0,012
13	0	0,548	28	0	0,009
14	0	0,417	29	0	0,007
15	0	0,317	30	0	0,005

Input data: MeK4_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 47
 Best method is
 Method 1 of 5
 Parameters:
 a = 2628,6683605957
 b = 3242,94153968811
 DF =11
 $X^2 = 18,9762$ $P(X^2) = 0,0615$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	9	8,952	16	0	0,371
2	12	7,256	17	1	0,3
3	10	5,88	18	0	0,242
4	2	4,763	19	0	0,195
5	2	3,858	20	0	0,157
6	1	3,123	21	1	0,127
7	1	2,528	22	1	0,102
8	0	2,045	23	0	0,082
9	3	1,654	24	1	0,337
10	1	1,338			
11	1	1,081			
12	0	0,874			
13	0	0,706			
14	0	0,57			
15	1	0,46			

Input data: MeK5_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 26
 Best method is
 Method 2 of 5
 Parameters:
 a = 78,2012659102506
 b = 82,8393294635086
 DF =10

$X^2 = 6,3829$ $P(X^2) = 0,7821$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	2,9667	16	0	0,3767
2	1	2,8006	17	0	0,3011
3	2	2,6123	18	0	0,2382
4	2	2,4079	19	1	0,1866
5	3	2,1936	20	1	0,5752
6	2	1,9754			
7	3	1,7587			
8	0	1,5481			
9	1	1,3475			
10	1	1,1601			
11	1	0,9878			
12	0	0,832			
13	1	0,6934			
14	0	0,5717			
15	2	0,4665			

Input data: MeK6_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 161
 Best method is
 Method 1 of 5
 Parameters:
 a = 104,251703161333
 b = 124,322873582911
 DF =14

$X^2 = 21,6590$ $P(X^2) = 0,0859$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	30	29,952	16	0	0,9464
2	33	25,116	17	0	0,7082
3	18	20,893	18	1	0,5261
4	10	17,243	19	0	0,3881
5	18	14,118	20	1	0,2843
6	15	11,47	21	0	0,2068
7	4	9,2464	22	0	0,1494
8	10	7,3966	23	0	0,1072
9	4	5,8719	24	0	0,0764
10	2	4,6262	25	0	0,054
11	3	3,6175	26	1	0,1219
12	7	2,8076			
13	2	2,163			
14	1	1,6541			
15	1	1,2557			

Input data: MeK7_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 63
 Best method is
 Method 2 of 5
 min.size: 4
 a = 694,252305519758
 b = 973,990807497468
 DF =4

$X^2 = 10,7818$ $P(X^2) = 0,0291$

X[i]	F[i]	NP[i]
1	20	18,206
2	13	12,977
3	4	9,2404
4	5	6,573
5	4	4,6708
6	3	3,3157
7	2	2,3513
8	1	1,6657
9	2	1,1789
10	3	0,8334
11	1	0,5886
12	0	0,4153
13	1	0,2927
14	0	0,2061
15	1	0,145

Input data: MeK8_3er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 51
 Best method is
 Method 3 of 5
 min.size: 3
 a = 42,398742496724
 b = 47,1097138852489
 DF =6

$X^2 = 10,5407$ $P(X^2) = 0,1037$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
16	0	0,1019	1	10	8,397
17	1	0,0715	2	9	7,5573
18	0	0,0502	3	2	6,6602
19	0	0,0351	4	2	5,75
20	0	0,0246	5	7	4,8652
21	0	0,0172	6	6	4,036
22	1	0,012	7	6	3,2839
23	0	0,0084	8	2	2,6216
24	0	0,0058	9	0	2,0542
25	0	0,0041	10	6	1,5804
26	0	0,0028	11	0	1,1942
27	0	0,002	12	1	3
28	0	0,0014			
29	0	0,0009			
30	1	0,0021			

Input data: MeK9_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 34
 Best method is
 Method 3 of 5
 Parameters:
 a = 3,56670200892857
 b = 1,18890066964286
 DF =5
 $X^2 = 5,0900$ $P(X^2) = 0,4050$

X[i]	F[i]	NP[i]
1	2	1,328
2	6	3,9841
3	3	6,4919
4	7	7,261
5	8	6,1825
6	4	4,2497
7	1	2,4491
8	0	1,2151
9	0	0,5292
10	0	0,2054
11	0	0,0719
12	0	0,0229
13	2	0,0067
14	1	0,0024

Input data: MeK10_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 28
 Best method is
 Method 1 of 5
 Parameters:
 a = 17,6811909658046
 b = 15,580195381305
 DF =9
 $X^2 = 8,4858$ $P(X^2) = 0,4860$

X[i]	F[i]	NP[i]
1	3	2,7174
2	3	3,0838
3	3	3,2886
4	1	3,3075
5	6	3,1475
6	1	2,8422
7	5	2,4419
8	2	2,0007
9	1	1,5666
10	1	1,1747
11	0	0,845
12	1	0,5841
13	1	1

Input data: MeK11_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 44
 Method 3 of 5
 Parameters:
 a = 13,8675918960571
 b = 11,8865073394775
 DF =8
 $X^2 = 11,8747$ $P(X^2) = 0,1569$

X[i]	F[i]	NP[i]
1	6	4,5314
2	7	5,2866
3	3	5,6891
4	6	5,6814
5	1	5,2925
6	7	4,6199
7	2	3,794
8	3	2,9415
9	5	2,1598
10	3	1,5061
11	0	1
12	0	0,6336
13	1	0,8639

Input data: Markera_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 584
 Best method is
 Method 4 of 5
 Parameters:
 a = 14,6655953038306
 b = 18,3728601058819
 DF =9
 $X^2 = 7,8032$ $P(X^2) = 0,5541$

X[i]	F[i]	NP[i]
1	156	161,32
2	144	128,77
3	91	97,479
4	67	70,171
5	46	48,15
6	34	31,563
7	13	19,804
8	12	11,917
9	10	6,8879
10	5	3,8303
11	3	2,0521
12	0	1,0607
13	0	0,5296
14	2	0,2557
15	1	0,2146

Input data: Dama_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 326
 Best method is
 Method 4 of 5
 Parameters:
 a = 465,167108929876
 b = 549,617348129101
 DF =22
 $X^2 = 24,3327$ $P(X^2) = 0,3300$

X[i]	F[i]	NP[i]
16	1	3,5597
17	2	2,9327
18	1	2,4119
19	3	1,98
20	2	1,6227
21	0	1,3274
22	0	1,084
23	1	0,8837
24	1	0,7191
25	1	0,5842
26	1	0,4737
27	1	0,3835
28	0	0,3099
29	0	0,25
30	0	0,2013
31	0	0,1619
32	0	0,1299
33	0	0,1041
34	0	0,0832
35	0	0,0665
36	0	0,053
37	0	0,0421
38	0	0,0335
39	1	0,1245

Input data: DamaK1_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 48
 Best method is
 Method 1 of 5
 Parameters:
 a = 755,952992957746
 b = 878,303961267604
 DF =14
 $X^2 = 12,5365$ $P(X^2) = 0,5633$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	7	6,95	16	0	0,65
2	3	5,982	17	1	0,55
3	8	5,143	18	0	0,465
4	1	4,416	19	0	0,393
5	3	3,788	20	0	0,331
6	6	3,246	21	0	0,279
7	3	2,778	22	0	0,235
8	4	2,375	23	1	0,197
9	4	2,028	24	0	0,166
10	1	1,729	25	1	0,834
11	2	1,473			
12	1	1,254			
13	0	1,066			
14	1	0,905			
15	1	0,768			

Input data: DamaK2_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 105
 Best method is
 Method 1 of 5
 Parameters:
 a = 671,516986607142
 b = 815,118749999999
 DF =15
 $X^2 = 20,4521$ $P(X^2) = 0,1553$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	19	18,96	16	0	0,912	31	0	0,033						
2	16	15,62	17	0	0,737	32	0	0,027						
3	15	12,85	18	1	0,596	33	0	0,021						
4	11	10,56	19	1	0,481	34	0	0,017						
5	12	8,67	20	1	0,388	35	0	0,013						
6	0	7,108	21	0	0,312	36	0	0,011						
7	6	5,82	22	0	0,251	37	0	0,008						
8	6	4,76	23	0	0,202	38	0	0,007						
9	8	3,888	24	0	0,162	39	1	0,024						
10	3	3,172	25	0	0,13									
11	3	2,584	26	1	0,104									
12	0	2,103	27	0	0,083									
13	1	1,71	28	0	0,066									
14	0	1,388	29	0	0,053									
15	0	1,126	30	0	0,042									

Input data: DamaK3_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 116
 Best method is
 Method 2 of 5
 Parameters:
 a = 202,982456967709
 b = 241,250920982337
 DF =15
 $X^2 = 9,2265$ $P(X^2) = 0,8654$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	14	20,111	16	1	0,9838
2	20	16,921	17	1	0,7793
3	15	14,178	18	0	0,6149
4	15	11,831	19	1	0,4833
5	12	9,8318	20	1	0,3784
6	6	8,1373	21	0	0,2951
7	7	6,7075	22	0	0,2293
8	4	5,5066	23	0	0,1775
9	7	4,5025	24	0	0,1369
10	3	3,6667	25	0	0,1051
11	3	2,9741	26	0	0,0804
12	2	2,4027	27	1	0,2468
13	0	1,9334			
14	1	1,5497			
15	2	1,2372			

Input data: DamaK4_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 57
 Best method is
 Method 5 of 5
 Parameters:
 a = 54,9545118102486
 b = 58,6571642356642
 DF =12
 $X^2 = 6,0419$ $P(X^2) = 0,9140$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	9	7,4615	16	0	0,5343
2	9	6,9905	17	0	0,3986
3	6	6,4394	18	0	0,2934
4	5	5,834	19	1	0,2131
5	5	5,1998	20	0	0,1528
6	2	4,5606	21	0	0,1081
7	6	3,9371	22	0	0,0755
8	3	3,3463	23	0	0,0521
9	3	2,8008	24	1	0,104
10	1	2,3091			
11	2	1,8756			
12	2	1,5012			
13	2	1,1844			
14	0	0,9212			
15	0	0,7064			

Input data: Futljar_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 277
 Best method is
 Method 2 of 5
 Parameters:
 a = 117,637736504079
 b = 138,227790314182
 DF =17
 $X^2 = 16,0998$ $P(X^2) = 0,5168$

Input data: Malciki_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 167
 Best method is
 Method 2 of 5
 Parameters:
 a = 3122,51816235987
 b = 4208,59404187418
 DF =12
 $X^2 = 12,7643$ $P(X^2) = 0,3864$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	32	48,019	16	3	2,05	1	43	43,18	16	1	0,4786
2	50	40,866	17	1	1,5738	2	39	32,037	17	0	0,3538
3	35	34,529	18	1	1,2005	3	15	23,764	18	0	0,2615
4	33	28,967	19	0	0,9097	4	15	17,623	19	0	0,1933
5	25	24,128	20	0	0,685	5	16	13,066	20	0	0,1428
6	27	19,957	21	0	0,5125	6	10	9,6849	21	0	0,1055
7	15	16,391	22	3	0,3811	7	5	7,1771	22	1	0,297
8	15	13,369	23	0	0,2815	8	3	5,3174			
9	11	10,829	24	0	0,2067	9	7	3,9386			
10	7	8,712	25	0	0,1508	10	3	2,9167			
11	6	6,961	26	0	0,1094	11	4	2,1594			
12	6	5,5245	27	0	0,0788	12	3	1,5983			
13	3	4,355	28	1	0,1898	13	1	1,1828			
14	1	3,4102				14	1	0,875			
15	2	2,6528				15	0	0,6472			

Input data: Zapiski_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 640
 Best method is
 Method 2 of 5
 Parameters:
 a = 18,0808998557597
 b = 24,3868728087736
 DF =9
 $X^2 = 22,2048$ $P(X^2) = 0,0083$

Input data: Nevskij_4er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 696
 Best method is
 Method 2 of 5
 Parameters:
 a = 66,0184719470417
 b = 80,7147392132518
 DF =16
 $X^2 = 17,4072$ $P(X^2) = 0,3597$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	159	197,438	1	118	147,897	16	3	2,1221
2	179	146,384	2	133	120,969	17	1	1,4637
3	115	104,257	3	108	97,7322	18	1	0,9992
4	69	71,4392	4	77	78,0046	19	1	0,6751
5	51	47,1644	5	76	61,5154	20	0	0,4515
6	21	30,0412	6	48	47,9391	21	0	0,2989
7	20	18,4835	7	37	36,9233	22	0	0,1959
8	9	10,9981	8	28	28,1108	23	0	0,1272
9	7	6,3356	9	20	21,1576	24	1	0,0817
10	3	3,537	10	18	15,7447	25	0	0,052
11	3	1,9155	11	6	11,5861	26	0	0,0328
12	1	1,0072	12	9	8,4319	27	1	0,0525
13	2	0,5146	13	5	6,0695			
14	0	0,2557	14	4	4,3218			
15	1	0,2296	15	1	3,0446			

Input data: Nos_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 556
 Best method is
 Method 2 of 5
 Parameters:
 a = 239,197014865403
 b = 316,051920049773
 DF =16
 $X^2 = 16,3075$ $P(X^2) = 0,4317$

Input data: NosK1_4er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 80
 Best method is
 Method 2 of 5
 Parameters:
 a = 11,2761389278671
 b = 12,035159805446
 DF =7
 $X^2 = 3,9856$ $P(X^2) = 0,7814$

Input data: NosK2_4er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 411
 Best method is
 Method 2 of 5
 Parameters:
 a = 5397,7014911107
 b = 7176,15532789168
 DF =16
 $X^2 = 19,0246$ $P(X^2) = 0,2674$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	123	139	16	1	1,534	1	18	16,73	1	88	102	16	1	1,403
2	119	105,2	17	1	1,108	2	15	15,68	2	92	76,71	17	1	1,053
3	79	79,36	18	0	0,798	3	11	13,56	3	59	57,69	18	0	0,79
4	58	59,68	19	1	0,573	4	14	10,89	4	38	43,38	19	1	0,593
5	55	44,75	20	0	0,411	5	10	8,171	5	40	32,62	20	0	0,445
6	32	33,44	21	0	0,293	6	5	5,746	6	23	24,52	21	0	0,334
7	27	24,92	22	2	0,209	7	2	3,803	7	20	18,43	22	2	0,25
8	23	18,51	23	0	0,148	8	1	2,378	8	19	13,85	23	0	0,188
9	10	13,7	24	0	0,105	9	2	1,409	9	7	10,41	24	0	0,141
10	12	10,11	25	1	0,245	10	1	0,793	10	10	7,82	25	1	0,421
11	4	7,443				11	1	0,838	11	3	5,875			
12	4	5,46							12	2	4,413			
13	1	3,993							13	1	3,314			
14	1	2,912							14	1	2,489			
15	2	2,117							15	2	1,869			

Input data: NosK3_4er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 65
 Best method is
 Method 1 of 5
 Parameters:
 a = 341,589727393617
 b = 457,176030585107
 DF =8
 $X^2 = 2,9343$ $P(X^2) = 0,9384$

X[i]	F[i]	NP[i]	X[i]*
1	17	16,729	1
2	12	12,5	2
3	9	9,319	3
4	6	6,9326	4
5	5	5,1461	5
6	4	3,8117	6
7	5	2,8172	7
8	3	2,0776	8
9	1	1,529	9
10	1	1,1227	10
11	0	0,8227	11
12	2	2,1924	12
			13
			14

Input data: BL_4er.dat*
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 427
 Best method is
 Method 2 of 5
 Parameters:
 a = 31,7152067944932
 b = 40,9241810447306
 DF =11
 $X^2 = 7,1119$ $P(X^2) = 0,7900$

F[i]	NP[i]	X[i]#
120	113,34	1
83	87,839	2
67	66,45	3
47	49,097	4
37	35,45	5
30	25,027	6
11	17,284	7
9	11,682	8
11	7,7307	9
4	5,0114	10
3	3,1836	11
2	1,9827	12
2	1,211	13
1	1,7072	14
		15
		16

Input data: Me_4er.dat#
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 615
 Best method is
 Method 2 of 5
 Parameters:
 a = 4112878,39780078
 b = 5558281,6934802
 DF =16
 $X^2 = 21,2210$ $P(X^2) = 0,1702$

F[i]	NP[i]	X[i]	F[i]	NP[i]
169	159,93	17	2	1,2918
101	118,34	18	2	0,9559
72	87,566	19	0	0,7073
80	64,795	20	1	0,5234
58	47,945	21	0	0,3873
36	35,477	22	1	0,2866
29	26,252	23	0	0,212
19	19,425	24	0	0,1569
19	14,374	25	0	0,1161
8	10,636	26	0	0,0859
6	7,87	27	0	0,0636
2	5,8234	28	0	0,047
5	4,3091	29	0	0,0348
1	3,1885	30	0	0,0258
2	2,3593	31	1	0,0733
1	1,7458			

Input data: MeK1_4er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 58
 Method 2 of 5
 a = 19772,5475041433
 b = 27726,3754168423
 DF =8
 $X^2 = 13,2981$ $P(X^2) = 0,1020$

X[i]	F[i]	NP[i]	X[i]	F[i]
1	21	16,64	17	0
2	6	11,87	18	1
3	7	8,463		
4	5	6,035		
5	5	4,303		
6	5	3,068		
7	5	2,188		
8	0	1,56		
9	2	1,112		
10	0	0,793		
11	0	0,565		
12	0	0,403		
13	1	0,287		
14	0	0,205		
15	0	0,146		
16	0	0,104		

Input data: MeK2_4er.dat*
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 43
 Method 5 of 5
 a = 15,6830798464967
 b = 17,451271674623
 DF =6
 $X^2 = 12,0910$ $P(X^2) = 0,0600$

X[i]*	F[i]	NP[i]	X[i]#
1	10	9,053	1
2	2	8,136	2
3	9	6,915	3
4	11	5,576	4
5	4	4,276	5
6	2	3,126	6
7	1	2,184	7
8	2	1,46	8
9	0	0,937	9
10	0	0,577	10
11	0	0,342	11
12	1	0,196	12
13	1	0,223	13
			14
			15
			16

Input data: MeK3_4er.dat#
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 60
 Method 2 of 5
 a = 368,002465633599
 b = 526,782178470758
 DF =7
 $X^2 = 10,1541$ $P(X^2) = 0,1800$

F[i]	NP[i]	X[i]	F[i]	NP[i]
18	18,26	17	0	0,047
10	12,76	18	0	0,032
10	8,896	19	0	0,022
5	6,191	20	0	0,015
4	4,3	21	0	0,01
3	2,982	22	0	0,007
1	2,063	23	0	0,004
3	1,425	24	0	0,003
5	0,983	25	0	0,002
0	0,676	26	0	0,001
0	0,464	27	0	0,00
0	0,318	28	0	0,00
0	0,218	29	0	0,00
0	0,149	30	0	0,00
0	0,101	31	1	0,00
0	0,069			

Input data: MeK4_4er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 47
 Method 3 of 5
 min. size: 2
 a = 22,0484173014724
 b = 25,440481501699
 DF =5

$X^2 = 13,4529$ $P(X^2) = 0,0195$

X[i]	F[i]	NP[i]	X[i]	F[i]
1	15	10,02	16	1
2	13	8,688	17	1
3	5	7,244	18	1
4	2	5,821		
5	1	4,513		
6	1	3,38		
7	3	2,448		
8	2	1,717		
9	0	1,167		
10	0	0,769		
11	1	0,493		
12	0	0,306		
13	1	0,185		
14	0	0,109		
15	0	0,063		

Input data: MeK5_4er.dat*
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 26
 Best method is
 Method 2 of 5
 a = 43,7482458685127
 b = 45,6852053851104
 DF =9

$X^2 = 4,6353$ $P(X^2) = 0,8649$

X[i]*	F[i]	NP[i]	X[i]#	F[i]
1	6	3,307	1	
2	1	3,167	2	
3	3	2,968	3	
4	3	2,723	4	
5	3	2,447	5	
6	2	2,154	6	
7	1	1,859	7	
8	1	1,574	8	
9	1	1,307	9	
10	1	1,065	10	
11	1	0,852	11	
12	1	0,669	12	
13	0	0,517	13	
14	1	0,392	14	
15	1	1	15	

Input data: MeK6_4er.dat#
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 161
 Best method is
 Method 2 of 5
 a = 132,05965328624
 b = 174,502268853026
 DF =11

$X^2 = 19,1790$ $P(X^2) = 0,0580$

F[i]	NP[i]	X[i]	F[i]	NP[i]
39	41,03	16	0	0,349
39	31,05	17	0	0,244
13	23,36	18	0	0,169
19	17,48	19	0	0,116
17	13,01	20	1	0,246
11	9,622			
5	7,079			
9	3,768			
2	2,727			
2	1,962			
0	1,405			
1	1			
0	0,708			
1	0,499			

Input data: MeK7_4er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 63
 Best method is
 Method 2 of 5
 Min. size: 8
 a = 917906,27066526
 b = 1450478,50281209
 DF =1

$X^2 = 6,3288$ $P(X^2) = 0,0119$

X[i]	F[i]	NP[i]	X[i]	F[i]
1	27	23,132	16	0
2	8	14,639	17	1
3	7	9,2637	18	0
4	6	5,8623	19	0
5	3	3,7098	20	0
6	1	2,3477	21	0
7	2	1,4857	22	1
8	4	0,9402		
9	0	0,595		
10	1	0,3765		
11	1	0,2383		
12	0	0,1508		
13	1	0,0954		
14	0	0,0604		
15	0	0,0382		

Input data: MeK8_4er.dat*
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 51
 Best method is
 Method 5 of 5
 Parameters:
 a = 6,79916736034371
 b = 5,85647444974
 DF =6

$X^2 = 11,2901$ $P(X^2) = 0,0798$

X[i]*	F[i]	NP[i]	X[i]#	F[i]
1	13	8,084	1	5
2	8	9,3853	2	5
3	2	9,3068	3	8
4	10	8,0543	4	8
5	8	6,1834	5	5
6	3	4,2654	6	0
7	4	2,6713	7	0
8	2	1,5319	8	0
9	1	1,5175	9	0
			10	2
			11	1

Input data: MeK9_4er.dat#
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 34
 Best method is
 Method 1 of 5
 Parameters:
 a = 7,42846765103548
 b = 6,82943320067032
 DF =5

$X^2 = 7,7984$ $P(X^2) = 0,1677$

X[i]#	F[i]	NP[i]	X[i]	F[i]
1	5	5,9561		
2	5	6,4785		
3	8	6,1467		
4	8	5,1714		
5	5	3,9082		
6	0	2,6809		
7	0	1,6835		
8	0	0,9748		
9	0	0,5236		
10	2	0,2623		
11	1	0,2141		

Input data: MeK10_4er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 28
 Best method is
 Method 1 of 5
 Parameters:
 a = 12,8478092783505
 b = 12,6003221649485
 DF =6
 $X^2 = 5,5073$ $P(X^2) = 0,4806$

X[i]	F[i]	NP[i]
1	5	4,5376
2	4	4,6267
3	1	4,3707
4	6	3,8461
5	4	3,1675
6	4	2,4515
7	1	1,7895
8	1	1,2361
9	1	0,8102
10	1	1,1642

Input data: MeK11_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 44
 Best method is
 Method 5 of 5
 Parameters:
 a = 7,91204904011969
 b = 6,70061173536691
 DF =6
 $X^2 = 7,9717$ $P(X^2) = 0,2402$

X[i]	F[i]	NP[i]
1	10	6,178
2	5	7,2949
3	7	7,4952
4	5	6,8159
5	4	5,5592
6	4	4,1105
7	6	2,7795
8	2	1,7316
9	0	1
10	1	1,0352

Input data: Markera_4er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 584
 Best method is
 Method 2 of 5
 Parameters:
 a = 13,6904214410282
 b = 20,5205267042103
 DF =7
 $X^2 = 3,6617$ $P(X^2) = 0,8178$

X[i]	F[i]	NP[i]
1	208	218,442
2	158	145,735
3	92	92,7105
4	53	56,3595
5	35	32,8048
6	17	18,3157
7	12	9,8254
8	5	5,0721
9	1	2,5232
10	0	1,2112
11	2	0,5617
12	1	0,4383

Input data: Dama_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 326
 Best method is
 Method 4 of 5
 Parameters:
 a = 220,59888798574
 b = 277,640623567181
 DF =16
 $X^2 = 17,0382$ $P(X^2) = 0,3831$

X[i]	F[i]	NP[i]
1	70	70,129
2	58	55,721
3	45	44,114
4	36	34,8
5	26	27,355
6	23	21,426
7	26	16,723
8	12	13,006
9	7	10,08
10	4	7,7846
11	4	5,991
12	1	4,5947
13	2	3,5115
14	2	2,6745
15	4	2,03

Input data: DamaK1_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 48
 Best method is
 Method 1 of 5
 Parameters:
 a = 51,2276404031487
 b = 58,4222417459931
 DF =10
 $X^2 = 6,0129$ $P(X^2) = 0,8142$

X[i]	F[i]	NP[i]
1	8	8,3583
2	6	7,329
3	5	6,3183
4	4	5,3568
5	8	4,4677
6	4	3,6665
7	5	2,9615
8	2	2,355
9	1	1,844
10	1	1,4222
11	1	1,0806
12	0	0,809
13	1	0,597
14	0	0,4343
15	0	0,3115

Input data: DamaK2_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 105
 Best method is
 Method 1 of 5
 Min.size: 4
 a = 396,544637041179
 b = 552,013458822419
 DF =5
 $X^2 = 10,2746$ $P(X^2) = 0,0678$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	28	29,907	16	0	0,1734
2	19	21,484	17	0	0,1213
3	14	15,405	18	0	0,0847
4	12	11,027	19	1	0,059
5	4	7,8782	20	0	0,041
6	8	5,6187	21	0	0,0285
7	10	4	22	0	0,0198
8	4	2,8425	23	0	0,0137
9	0	2,0164	24	0	0,0094
10	1	1,4278	25	0	0,0065
11	0	1,0092	26	0	0,0045
12	0	0,7121	27	0	0,0031
13	0	0,5015	28	0	0,0021
14	1	0,3526	29	0	0,0014
15	2	0,2475	30	1	0,0031

Input data: DamaK3_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 116
 Best method is
 Method 2 of 5
 Parameters:
 a = 147,55277256768
 b = 187,268027307508
 DF =12
 $X^2 = 6,7037$ $P(X^2) = 0,8766$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	22	26,12	16	0	0,4234
2	23	20,581	17	0	0,3089
3	19	16,13	18	0	0,2242
4	14	12,575	19	0	0,162
5	8	9,7518	20	0	0,1164
6	7	7,5229	21	1	0,2815
7	8	5,7734			
8	3	4,4077			
9	4	3,3478			
10	0	2,5298			
11	3	1,9018			
12	1	1,4225			
13	1	1,0587			
14	1	0,7839			
15	1	0,5776			

Input data: DamaK4_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 57
 Best method is
 Method 2 of 5
 Parameters:
 a = 91,6140304929952
 b = 113,120773055877
 DF =9
 $X^2 = 2,1770$ $P(X^2) = 0,9884$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	12	12,12	16	0	0,2103
2	10	9,8159	17	0	0,1504
3	7	7,88	18	1	0,3474
4	6	6,271			
5	6	4,9475			
6	4	3,87			
7	3	3,0016			
8	3	2,3085			
9	2	1,7606			
10	2	1,3317			
11	0	0,999			
12	0	0,7434			
13	0	0,5487			
14	0	0,4018			
15	1	0,2918			

Input data: Futjar_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 277
 Best method is
 Method 4 of 5
 Parameters:
 a = 30,0063728113277
 b = 34,8808307817799
 DF =12
 $X^2 = 7,3897$ $P(X^2) = 0,8308$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	54	56,703	16	0	0,4136
2	53	48,779	17	3	0,2488
3	43	40,793	18	0	0,1467
4	32	33,189	19	0	0,0849
5	29	26,29	20	0	0,0482
6	21	20,29	21	1	0,0578
7	11	15,266			
8	10	11,205			
9	9	8,0281			
10	3	5,6178			
11	3	3,8415			
12	3	2,5683			
13	1	1,6797			
14	1	1,0751			
15	0	0,6738			

Input data: Malciki_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 167
 Best method is
 Method 2 of 5

Parameters:
 a = 2857338,0256591
 b = 4329369,26835028
 DF =9
 $X^2 = 15,2895$ $P(X^2) = 0,0833$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	60	56,7818	7	8	4,6928	13	0	0,3878
2	35	37,4754	8	3	3,0972	14	0	0,256
3	17	24,7334	9	6	2,0441	15	0	0,1689
4	20	16,3237	10	1	1,3491	16	0	0,1115
5	10	10,7735	11	1	0,8904	17	1	0,2164
6	4	7,1104	12	1	0,5876			

Input data: Zapiski_5er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 640
 Best method is
 Method 2 of 5
 Parameters:
 a = 13,6162925150025
 b = 20,6344925256439
 DF =7
 $X^2 = 11,5474$ $P(X^2) = 0,1165$

Input data: Nevskij_5er.dat*
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 696
 Best method is
 Method 2 of 5
 Parameters:
 a = 40,6435045752065
 b = 52,6883134428829
 DF =12
 $X^2 = 12,9879$ $P(X^2) = 0,3699$

Input data: Nos_5er.dat#
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 556
 Best method is
 Method 2 of 5
 Parameters:
 a = 569,738562624579
 b = 816,147601941649
 DF =13
 $X^2 = 12,4012$ $P(X^2) = 0,4950$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	217	243,1	1	152	182,2	15	1	0,976	1	159	168,9	16	1	0,677
2	188	160,4	2	157	140,5	16	0	0,595	2	129	117,9	17	0	0,464
3	104	101	3	116	106,4	17	0	0,357	3	80	82,23	18	2	0,318
4	64	60,75	4	87	79,06	18	0	0,211	4	66	57,26	19	0	0,217
5	27	35	5	56	57,7	19	1	0,123	5	40	39,83	20	1	0,465
6	18	19,34	6	43	41,37	20	0	0,071	6	28	27,67			
7	11	10,28	7	32	29,15	21	0	0,04	7	19	19,2			
8	4	5,253	8	20	20,19	22	1	0,049	8	17	13,3			
9	3	2,588	9	8	13,74				9	5	9,207			
10	1	1,231	10	8	9,205				10	4	6,365			
11	2	0,566	11	6	6,065				11	1	4,395			
12	1	0,435	12	3	3,932				12	2	3,031			
			13	4	2,509				13	1	2,088			
			14	1	1,577				14	1	1,436			
									15	0	0,987			

Input data: NosK1_5er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 80
 Best method is
 Method 5 of 5
 a = 7,14031999305927
 b = 7,90874513359416
 DF =5
 $X^2 = 5,5954$ $P(X^2) = 0,3476$

Input data: NosK2_5er.dat*
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 411
 Best method is
 Method 2 of 5
 a = 5387877,32539659
 b = 7783584,36648483
 DF =13
 $X^2 = 12,5013$ $P(X^2) = 0,4870$

Input data: NosK3_5er.dat#
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 65
 Best method is
 Method 2 of 5
 a = 17,4232032046923
 b = 21,9690900204013
 DF =6
 $X^2 = 3,3608$ $P(X^2) = 0,7624$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	20	20,439	1	118	126,5	16	1	0,5078	1	21	17,715
2	18	18,453	2	97	87,566	17	0	0,3515	2	14	14,049
3	18	14,79	3	54	60,614	18	2	0,2433	3	8	10,657
4	12	10,658	4	48	41,958	19	0	0,1684	4	6	7,7467
5	5	6,9761	5	30	29,043	20	1	0,3788	5	5	5,4056
6	3	4,1828	6	19	20,104				6	6	3,6267
7	0	2,3136	7	17	13,916				7	2	2,343
8	3	1,1878	8	13	9,633				8	1	1,4596
9	1	1	9	3	6,6681				9	1	0,8778
			10	3	4,6157				10	1	1,1192
			11	1	3,195						
			12	2	2,2116						
			13	1	1,5309						
			14	1	1,0597						
			15	0	0,7335						

Input data: BL_5er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 427
 Best method is
 Method 4 of 5
 Parameters:
 a = 24,8200899195302
 b = 36,5413821117318
 DF =8
 $X^2 = 5,0379$ $P(X^2) = 0,7535$

Input data: Me_5er.dat*
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 615
 Best method is
 Method 2 of 5
 Parameters:
 a = 1520921,29412197
 b = 2229711,74788912
 DF =13
 $X^2 = 16,8785$ $P(X^2) = 0,2049$

Input data: MeK1_5er.dat#
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 58
 Best method is
 Method 5 of 5
 Parameters:
 a = 143,848807339864
 b = 209,482621508355
 DF =7
 $X^2 = 6,9807$ $P(X^2) = 0,4309$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	145	149,11	1	206	195,5	16	1	0,6295	1	23	18,556
2	93	101,28	2	99	133,35	17	0	0,4294	2	6	12,742
3	68	66,959	3	101	90,962	18	1	0,2929	3	8	8,7083
4	48	43,121	4	74	62,047	19	0	0,1998	4	7	5,9233
5	31	27,067	5	45	42,323	20	0	0,1363	5	6	4,01
6	13	16,571	6	33	28,869	21	0	0,093	6	4	2,702
7	13	9,9007	7	20	19,692	22	0	0,0634	7	1	1,8122
8	8	5,7764	8	13	13,432	23	0	0,0432	8	1	1,2098
9	3	3,2927	9	7	9,1623	24	0	0,0295	9	0	0,8039
10	4	1,8348	10	4	6,2497	25	1	0,0633	10	1	0,5317
11	0	1	11	2	4,263				11	0	0,3501
12	1	1,0919	12	3	2,9079				12	0	0,2294
			13	2	1,9835				13	0	0,1497
			14	2	1,353				14	1	0,2712
			15	1	0,9229						

Input data: MeK2_5er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 43
 Best method is
 Method 5 of 5
 a = 3,60836860759531
 b = 3,0162229860584
 DF =4
 $X^2 = 2,9690$ $P(X^2) = 0,5630$

Input data: MeK3_5er.dat*
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 60
 Method 2 of 5
 min. size: 3
 a = 68,2035420351808
 b = 108,412775157233
 DF =3
 $X^2 = 6,7407$ $P(X^2) = 0,0806$

Input data: MeK4_5er.dat#
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 47
 Best method is
 Method 1 of 5
 a = 31,5184088337802
 b = 52,4718470264773
 DF =1
 $X^2 = 2,9899$ $P(X^2) = 0,0838$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	11	8,7408	1	24	22,784	16	0	0,0086	1	17	19,448
2	7	10,457	2	11	14,334	17	0	0,0048	2	14	11,682
3	12	9,3948	3	6	8,9349	18	0	0,0026	3	4	6,8858
4	6	6,7581	4	6	5,5192	19	0	0,0014	4	1	3,9842
5	3	4,0533	5	3	3,3787	20	0	0,0008	5	1	2,2638
6	2	2,0846	6	1	2,0499	21	0	0,0004	6	4	1,2635
7	0	0,9383	7	6	1,2328	22	0	0,0002	7	1	0,6929
8	0	0,3755	8	2	0,7349	23	0	0,0001	8	0	0,3735
9	0	0,1353	9	0	0,4343	24	0	0,0001	9	1	0,1979
10	2	0,0626	10	0	0,2544	25	1	0,0001	10	1	0,1032
			11	0	0,1478				11	0	0,0529
			12	0	0,0851				12	0	0,0267
			13	0	0,0486				13	2	0,0133
			14	0	0,0275				14	0	0,0065
			15	0	0,0155				15	1	0,0059

Input data: MeK5_5er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 26
 Best method is
 Method 2 of 5
 Parameters:
 a = 30,3018241208198
 b = 33,4474799756749
 DF =7
 $X^2 = 2,0065$ $P(X^2) = 0,9595$

Input data: MeK6_5er.dat*
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 161
 Best method is
 Method 2 of 5
 Parameters:
 a = 163,905339704966
 b = 237,752524413048
 DF =9
 $X^2 = 7,4245$ $P(X^2) = 0,5930$

Input data: MeK7_5er.dat#
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 63
 Best method is
 Method 2 of 5
 min. size: 5
 a = 1018038,84765653
 b = 1757908,38821943
 DF =2
 $X^2 = 6,3648$ $P(X^2) = 0,0415$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	6	4,5325	1	55	50,969	1	29	26,516	16	0	0,0073
2	3	4,1062	2	28	35,138	2	9	15,356	17	0	0,0042
3	4	3,612	3	26	24,123	3	8	8,8927	18	1	0,0058
4	3	3,0877	4	18	16,491	4	5	5,15			
5	3	2,5671	5	13	11,227	5	2	2,9824			
6	1	2,0772	6	4	7,612	6	4	1,7272			
7	1	1,6371	7	8	5,1396	7	1	1,0002			
8	1	1,2576	8	4	3,456	8	1	0,5793			
9	2	0,9421	9	2	2,3144	9	1	0,3355			
10	0	0,6888	10	0	1,5436	10	0	0,1943			
11	0	0,4917	11	1	1,0253	11	1	0,1125			
12	2	0,9999	12	1	0,6783	12	0	0,0652			
			13	0	0,447	13	0	0,0377			
			14	0	0,2933	14	1	0,0219			
			15	0	0,1917	15	0	0,0127			
			16	1	0,3506						

Input data: MeK8_5er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 51
 Best method is
 Method 5 of 5
 min size: 3
 a = 5,97824153598138
 b = 5,99271263743073
 DF =3
 $X^2 = 7,0474$ $P(X^2) = 0,0704$

Input data: MeK9_5er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 34
 Best method is
 Method 1 of 5
 min. size: 3
 a = 3,16448275862069
 b = 3,09045977011494
 DF =2
 $X^2 = 6,6351$ $P(X^2) = 0,0362$

Input data: MeK10_5er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 28
 Best method is
 Method 1 of 5
 Parameters:
 a = 5,8883706921729
 b = 5,28184323890187
 DF =5
 $X^2 = 3,6135$ $P(X^2) = 0,6063$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	16	11,5215	1	7	9,0774	1	6	5,172
2	7	11,4937	2	6	9,2948	2	3	5,7659
3	7	9,8262	3	13	7,1907	3	7	5,4047
4	11	7,3496	4	5	4,4701	4	4	4,3705
5	3	4,8859	5	0	2,3226	5	5	3,1074
6	6	2,9231	6	0	1,0366	6	1	1,9713
7	1	2,9999	7	0	0,4054	7	1	1,129
			8	2	0,1411	8	1	1,0793
			9	1	0,0612			

Input data: MeK11_5er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 44
 Best method is
 Method 1 of 5
 min. size: 2
 a = 15,7371268894361
 b = 18,8456951638927
 DF =4
 X² = 6,0091 P(X²) = 0,1985

Input data: Markera_5er.dat*
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 584
 Best method is
 Method 1 of 5
 Parameters:
 a = 6,75394459645242
 b = 11,0963194790385
 DF =5
 X² = 1,8390 P(X²) = 0,8709

Input data: Dama_5er.dat#
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 326
 Best method is
 Method 2 of 5
 Parameters:
 a = 1014907,46209346
 b = 1409496,72152613
 DF =13
 X² = 14,5088 P(X²) = 0,3390

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	12	10,953	1	257	257,17	1	82	91,264	16	1	0,6618
2	5	9,1464	2	164	156,53	2	70	65,715	17	1	0,4765
3	6	7,2529	3	83	87,399	3	53	47,318	18	0	0,3431
4	8	5,4754	4	42	45,073	4	30	34,071	19	0	0,247
5	6	3,9444	5	20	21,596	5	30	24,533	20	0	0,1779
6	6	2,7171	6	12	9,6617	6	23	17,665	21	0	0,1281
7	0	1,7931	7	3	4,054	7	15	12,72	22	0	0,0922
8	1	2,7176	8	0	1,6015	8	4	9,1586	23	0	0,0664
			9	3	0,9127	9	4	6,5946	24	0	0,0478
						10	3	4,7484	25	1	0,123
						11	2	3,4191			
						12	4	2,4619			
						13	0	1,7727			
						14	1	1,2764			
						15	2	0,9191			

Input data: DamaK1_5er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 48
 Best method is
 Method 1 of 5
 Parameters:
 a = 17,8683189655172
 b = 19,0407327586207
 DF =7
 X² = 5,6508 P(X²) = 0,5811

Input data: DamaK2_5er.dat*
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 105
 Best method is
 Method 1 of 5
 Parameters:
 a = 357,665624999999
 b = 497,998124999998
 DF =9
 X² = 14,4562 P(X²) = 0,1070

Input data: DamaK3_5er.dat#
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 116
 Best method is
 Method 2 of 5
 Parameters:
 a = 109,252498799541
 b = 148,88757781278
 DF =10
 X² = 6,3753 P(X²) = 0,7828

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	8	8,705	1	30	29,96	16	1	0,17	1	30	32,24	16	0	0,157
2	11	8,169	2	22	21,52	17	0	0,118	2	25	23,66	17	1	0,303
3	3	7,283	3	21	15,42	18	0	0,082	3	21	17,24			
4	9	6,185	4	4	11,03	19	0	0,057	4	10	12,49			
5	5	5,014	5	12	7,876	20	0	0,04	5	8	8,981			
6	4	3,889	6	7	5,611	21	0	0,027	6	9	6,418			
7	3	2,89	7	3	3,99	22	0	0,019	7	5	4,556			
8	1	2,062	8	1	2,832	23	0	0,013	8	0	3,214			
9	1	1,415	9	0	2,005	24	0	0,009	9	3	2,252			
10	1	0,935	10	0	1,418	25	1	0,019	10	2	1,569			
11	0	0,596	11	1	1				11	1	1,085			
12	0	0,367	12	2	0,704				12	1	0,746			
13	0	0,218	13	0	0,495				13	0	0,51			
14	1	0,126	14	0	0,347				14	0	0,346			
15	1	0,147	15	0	0,243				15	0	0,234			

Input data: DamaK4_5er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 57
 Best method is
 Method 4 of 5
 Parameters:
 a = 54,5747531105349
 b = 68,7652804352419
 DF =9
 $X^2 = 3,4509$ $P(X^2) = 0,9437$

Input data: Futljar_5er.dat*
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 277
 Best method is
 Method 2 of 5
 Parameters:
 a = 42,9980723332346
 b = 57,2751450323165
 DF =10
 $X^2 = 4,9634$ $P(X^2) = 0,8936$

Input data: Malciki_5er.dat#
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 167
 Best method is
 Method 2 of 5
 Parameters:
 a = 1009021,36380557
 b = 1695492,10031627
 DF =7
 $X^2 = 4,5254$ $P(X^2) = 0,7177$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	14	13,489	1	71	76,856	16	0	0,1912	1	71	67,615
2	12	10,706	2	58	57,698	17	1	0,2688	2	34	40,239
3	8	8,3746	3	46	42,572				3	23	23,947
4	7	6,4586	4	36	30,882				4	14	14,251
5	5	4,9115	5	23	22,03				5	8	8,4813
6	3	3,6837	6	16	15,459				6	6	5,0474
7	4	2,7253	7	11	10,674				7	6	3,0038
8	2	1,9894	8	4	7,2532				8	2	1,7876
9	0	1,433	9	3	4,8521				9	1	1,0638
10	0	1,0187	10	4	3,1962				10	1	0,6331
11	0	0,7149	11	1	2,0736				11	0	0,3768
12	1	0,4954	12	0	1,3253				12	0	0,2242
13	0	0,3389	13	2	0,8347				13	1	0,3296
14	0	0,229	14	1	0,5181						
15	1	0,4321	15	0	0,317						

Input data: MeK5_1er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 26
 Best method is
 Method 2 of 2
 Parameters:
 k = 0,824366754863542
 m = 0,852977847798299
 q = 0,526799171004001
 DF =1
 $X^2 = 189,1951$ $P(X^2) = 0,00001$

Input data: Markera_1er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 584
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,429874916802709
 m = 0,266323184140835
 q = 0,860787249172541
 DF =33
 $X^2 = 35,9521$ $P(X^2) = 0,3319$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	12,608	41	0	0	1	42	41,057	41	1	0,3071
2	1	6,4189	42	0	0	2	58	57,045	42	1	0,2654
3	4	3,3293	43	0	0	3	56	55,446	43	0	0,2294
4	1	1,7363	44	1	0	4	52	51,171	44	0	0,1982
5	0	0,9079	45	1	0	5	49	46,253	45	1	1,2555
6	0	0,4754	46	0	0	6	43	41,34			
7	0	0,2492	47	0	0	7	33	36,691			
8	1	0,1308	48	0	0	8	33	32,407			
9	1	0,0686	49	0	0	9	25	28,523			
10	1	0,036	50	0	0	10	30	25,038			
11	0	0,0189	51	0	0	11	23	21,933			
12	1	0,0099	52	0	0	12	14	19,181			
13	0	0,0052	53	0	0	13	13	16,75			
14	3	0,0027	54	0	0	14	19	14,611			
15	0	0,0014	55	0	0	15	14	12,732			
16	0	0,0008	56	1	0	16	7	11,085			
17	1	0,0004	57	0	0	17	20	9,6439			
18	1	0,0002	58	0	0	18	7	8,3848			
19	1	0,0001	59	0	0	19	5	7,2859			
20	0	0,0001	60	1	0	20	3	6,3277			
21	2	0				21	5	5,4931			
22	0	0				22	3	4,7665			
23	0	0				23	4	4,1345			
24	0	0				24	5	3,5851			
25	1	0				25	3	3,1077			
26	0	0				26	6	2,6931			
27	0	0				27	1	2,3332			
28	0	0				28	2	2,0209			
29	0	0				29	0	1,75			
30	1	0				30	3	1,5151			
31	0	0				31	0	1,3114			
32	0	0				32	2	1,135			
33	1	0				33	1	0,9821			
34	0	0				34	0	0,8497			
35	0	0				35	0	0,735			
36	0	0				36	0	0,6357			
37	0	0				37	0	0,5497			
38	0	0				38	0	0,4753			
39	1	0				39	0	0,4109			
40	0	0				40	0	0,3552			

Input data: Zapiski_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 640
 Method 1 of 2
 Parameters:
 k = 0,902710884873875
 m = 0,387415815819391
 q = 0,72976711551236
 DF =18
 $X^2 = 18,8988$ $P(X^2) = 0,3981$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	58	53,95	21	1	1
2	101	91,73	22	2	0,748
3	104	91,8	23	0	0,559
4	75	81,46	24	1	0,418
5	67	68,49	25	0	0,311
6	48	55,85	26	2	0,232
7	38	44,66	27	0	0,173
8	31	35,22	28	0	0,129
9	26	27,49	29	1	0,37
10	25	21,3			
11	13	16,39			
12	8	12,56			
13	12	9,579			
14	8	7,281			
15	4	5,518			
16	5	4,171			
17	6	3,146			
18	1	2,368			
19	3	1,779			
20	0	1,335			

Input data: Nevskij_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 696
 Method 1 of 2
 Parameters:
 k = 0,120076352217531
 m = 0,0527127745055088
 q = 0,865341782766088
 DF =35
 $X^2 = 30,9162$ $P(X^2) = 0,6656$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	40	39,35	21	2	6,255	41	0	0,364
2	78	77,56	22	4	5,431	42	0	0,315
3	71	71,41	23	3	4,715	43	0	0,273
4	62	63,83	24	6	4,092	44	0	0,237
5	58	56,45	25	1	3,552	45	0	0,205
6	50	49,66	26	4	3,082	46	0	0,178
7	45	43,55	27	1	2,674	47	1	0,154
8	32	38,1	28	3	2,32	48	0	0,134
9	45	33,29	29	0	2,013	49	0	0,116
10	31	29,04	30	1	1,746	50	0	0,1
11	22	25,32	31	1	1,514	51	0	0,087
12	26	22,06	32	2	1,313	52	0	0,075
13	16	19,2	33	1	1,139	53	0	0,065
14	21	16,71	34	0	0,988	54	1	0,423
15	14	14,54	35	1	0,856			
16	14	12,64	36	0	0,743			
17	13	10,99	37	1	0,644			
18	7	9,546	38	0	0,558			
19	15	8,293	39	0	0,484			
20	3	7,203	40	0	0,419			

Input data: Nos.2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 556
 Method 1 of 2
 Parameters:

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	54	48,353	16	14	8,1024
2	69	60,427	17	5	6,7475
3	70	59,815	18	5	5,6115
4	49	55,279	19	6	4,6612
5	46	49,43	20	6	3,8677
6	33	43,352	21	4	3,2061
7	29	37,539	22	0	2,6554
8	29	32,214	23	3	2,1975
9	28	27,459	24	1	1,8173
10	27	23,284	25	1	1,5018
11	19	19,662	26	0	1,2404
12	13	16,547	27	1	1,0239
13	18	13,887	28	0	0,8447
14	9	11,627	29	2	0,6966
15	9	9,7144	30	0	0,5742

k = 1,03944096739856
 m = 0,677009189553046
 q = 0,813960712053245
 DF =26
 $X^2 = 31,2352$ $P(X^2) = 0,2196$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
31	0	0,473	46	0	0,025
32	1	0,3896	47	0	0,0205
33	0	0,3207	48	0	0,0168
34	1	0,264	49	1	0,0763
35	0	0,2172			
36	0	0,1786			
37	0	0,1469			
38	1	0,1207			
39	0	0,0992			
40	0	0,0815			
41	0	0,067			
42	0	0,055			
43	0	0,0451			
44	2	0,0371			
45	0	0,0304			

Input data: NosK1_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 80
 Method 1 of 2
 Parameters:
 k = 0,480154338551527
 m = 0,305744791188291
 q = 0,818637962646189
 DF =14
 $X^2 = 10,2539$ $P(X^2) = 0,7434$

Input data: NosK2_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 411
 Best method is
 Method 1 of 2
 Parameters:
 k = 2,86138325015195
 m = 1,84221831391014
 q = 0,78474284924632
 DF =25
 $X^2 = 52,7501$ $P(X^2) = 0,0010$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	8	7,902	16	0	1	1	39	29,04	17	4	6,051	33	0	0,24
2	10	10,16	17	0	0,828	2	49	35,4	18	3	5,02	34	1	0,194
3	9	9,427	18	2	0,685	3	54	37,74	19	5	4,153	35	0	0,157
4	6	8,301	19	1	0,567	4	38	37,48	20	5	3,426	36	0	0,127
5	5	7,154	20	0	0,468	5	35	35,6	21	3	2,82	37	0	0,102
6	6	6,094	21	1	2,204	6	24	32,81	22	0	2,316	38	1	0,082
7	6	5,153				7	19	29,58	23	2	1,899	39	0	0,066
8	8	4,335				8	19	26,23	24	0	1,554	40	0	0,053
9	5	3,633				9	21	22,96	25	1	1,269	41	0	0,043
10	5	3,037				10	19	19,88	26	0	1,035	42	0	0,035
11	2	2,533				11	14	17,07	27	1	0,843	43	0	0,028
12	3	2,108				12	9	14,55	28	0	0,686	44	2	0,022
13	0	1,753				13	14	12,32	29	2	0,557	45	0	0,018
14	2	1,455				14	6	10,38	30	0	0,452	46	0	0,014
15	1	1,207				15	6	8,706	31	0	0,367	47	0	0,012
						16	13	7,271	32	1	0,297	48	0	0,009
												49	1	0,037

Input data: NosK3_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 65
 Method 1 of 2
 Parameters:
 k = 0,333766976715704
 m = 0,19753854290691
 q = 0,836353456156546
 DF =15
 $X^2 = 8,4685$ $P(X^2) = 0,9036$

Input data: BL_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 427
 Method 1 of 2
 Parameters:
 k = 0,515223312247315
 m = 0,438305882475715
 q = 0,829988695245266
 DF =22
 $X^2 = 15,9166$ $P(X^2) = 0,8200$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	7	5,5219	15	2	1,1244	1	61	57,729	15	3	6,113
2	10	7,8032	16	1	0,9494	2	59	56,323	16	6	5,1008
3	7	7,2687	17	1	0,8011	3	42	49,248	17	5	4,2547
4	5	6,456	18	0	0,6757	4	41	42,164	18	6	3,5478
5	6	5,6296	19	0	0,5696	5	35	35,779	19	1	2,9577
6	3	4,8611	20	1	0,4799	6	32	30,211	20	3	2,4651
7	4	4,1722	21	0	0,4042	7	26	25,429	21	2	2,0541
8	2	3,5661	22	0	0,3404	8	21	21,358	22	1	1,7113
9	2	3,039	23	1	0,2865	9	19	17,91	23	1	1,4254
10	3	2,5839	24	1	1,5114	10	18	15,001	24	1	1,1872
11	3	2,1931				11	17	12,552	25	2	0,9886
12	1	1,8587				12	13	10,495	26	0	0,8231
13	4	1,5734				13	4	8,7691	27	0	0,6852
14	1	1,3306				14	7	7,3233	28	1	3,3951

Input data: Me_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 615
 Method 1 of 2
 Parameters:

k = 0,461604047476958
 m = 0,335344632252119
 q = 0,843028968464429
 DF =29
 $X^2 = 45,5708$ $P(X^2) = 0,0259$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	77	61,522	17	10	7,8789	33	2	0,5599	49	0	0,0384
2	92	71,392	18	9	6,6935	34	0	0,4739	50	0	0,0324
3	64	65,876	19	6	5,6839	35	1	0,401	51	0	0,0274
4	37	58,538	20	2	4,8247	36	1	0,3393	52	0	0,0232
5	35	51,218	21	2	4,0939	37	0	0,2871	53	0	0,0196
6	37	44,435	22	4	3,4727	38	0	0,2428	54	0	0,0165
7	43	38,347	23	2	2,9449	39	1	0,2054	55	0	0,014
8	37	32,972	24	0	2,4967	40	0	0,1737	56	0	0,0118
9	39	28,275	25	3	2,1162	41	0	0,1469	57	0	0,01
10	19	24,197	26	2	1,7933	42	0	0,1243	58	0	0,0084
11	22	20,675	27	0	1,5193	43	0	0,1051	59	0	0,0071
12	14	17,643	28	1	1,287	44	1	0,0888	60	0	0,006
13	14	15,039	29	0	1,09	45	0	0,0751	61	0	0,0051
14	15	12,808	30	2	0,923	46	0	0,0635	62	1	0,0276
15	13	10,9	31	1	0,7814	47	0	0,0537			
16	6	9,2697	32	0	0,6615	48	0	0,0454			

Input data: MeK1_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 58
 Method 1 of 2
 Parameters:
 k = 0,872807525030115
 m = 0,821726564940405
 q = 0,808447534136819
 DF =11
 $X^2 = 16,6648$ $P(X^2) = 0,1182$

Input data: MeK6_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 161
 Method 2 of 2
 Parameters:
 k = 1,16292172127813
 m = 1,14963936845107
 q = 0,860427181782108
 DF =22
 $X^2 = 32,3424$ $P(X^2) = 0,0717$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	11	10,1	16	0	0,5	31	0	0,02	1	21	21,9	16	1	2,4	31	0	0,25
2	10	8,67	17	1	0,41	32	0	0,02	2	18	19,1	17	4	2,06	32	0	0,22
3	5	7,2	18	1	0,33	33	0	0,01	3	24	16,5	18	5	1,78	33	0	0,19
4	1	5,93	19	0	0,27	34	0	0,01	4	15	14,3	19	1	1,53	34	0	0,16
5	2	4,86	20	0	0,22	35	1	0,05	5	5	12,3	20	1	1,32	35	0	0,14
6	5	3,97	21	0	0,18				6	8	10,6	21	1	1,13	36	0	0,12
7	3	3,24	22	0	0,14				7	11	9,17	22	1	0,98	37	0	0,1
8	2	2,64	23	0	0,11				8	8	7,91	23	0	0,84	38	0	0,09
9	4	2,15	24	0	0,09				9	14	6,81	24	0	0,72	39	1	0,55
10	1	1,74	25	1	0,08				10	3	5,87	25	0	0,62			
11	4	1,42	26	0	0,06				11	4	5,06	26	1	0,54			
12	1	1,15	27	0	0,05				12	7	4,36	27	0	0,46			
13	3	0,93	28	0	0,04				13	2	3,75	28	0	0,4			
14	2	0,76	29	0	0,03				14	3	3,23	29	0	0,34			
15	0	0,62	30	0	0,03				15	1	2,78	30	1	0,29			

Input data: MeK7_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 63
 Method 2 of 2
 Parameters:
 k = 1,60775566099222
 m = 0,730815472326654
 q = 0,705146246892252
 DF = 11
 X² = 44,9049 P(X²) = 0,0001

Input data: MeK9_2er.dat*
 Distribution: Hyperpascal (k,m,q)
 Sample size: 34
 Method 2 of 2
 Parameters:
 k = 0,15038544618854
 m = 0,0308516869493287
 q = 0,822201427639484
 DF = 11
 X² = 21,1316 P(X²) = 0,0320

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	9	5,1627	22	1	0,0699	43	0	0,0001	1	1	1,1887
2	18	8,0089	23	0	0,0512	44	1	0,0002	2	4	4,764
3	6	8,5088	24	0	0,0375				3	3	4,3712
4	2	7,9267	25	0	0,0274				4	2	3,8055
5	3	6,9033	26	1	0,02				5	3	3,2523
6	4	5,7702	27	0	0,0146				6	5	2,7533
7	3	4,6914	28	0	0,0106				7	7	2,3176
8	3	3,7392	29	0	0,0077				8	1	1,9433
9	1	2,9357	30	0	0,0056				9	4	1,6249
10	2	2,278	31	0	0,0041				10	1	1,3559
11	0	1,7511	32	0	0,003				11	0	1,1296
12	1	1,3357	33	1	0,0021				12	0	0,9398
13	1	1,0123	34	0	0,0016				13	0	0,7811
14	1	0,763	35	0	0,0011				14	0	0,6486
15	3	0,5724	36	0	0,0008				15	0	0,5382
16	1	0,4276	37	0	0,0006				16	0	0,4463
17	0	0,3184	38	0	0,0004				17	0	0,3698
18	0	0,2363	39	0	0,0003				18	0	0,3063
19	1	0,1748	40	0	0,0002				19	2	0,2536
20	0	0,1291	41	0	0,0002				20	0	0,2099
21	0	0,095	42	0	0,0001				21	1	1

Input data: MeK11_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 44
 Method 1 of 2
 Parameters:

k = 0,601479510293892
 m = 0,336894261230186
 q = 0,832088235568531
 DF = 12
 X² = 16,3291 P(X²) = 0,1766

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	4	3,1055	11	2	1,6191
2	6	4,6134	12	2	1,3817
3	3	4,5985	13	4	1,1766
4	2	4,2596	14	2	1
5	2	3,8254	15	2	0,8486
6	5	3,3773	16	0	0,7191
7	1	2,9495	17	0	0,6087
8	4	2,5567	18	0	0,5147
9	3	2,2041	19	1	2,7492
10	1	1,8922			

Input data: Markera_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 584
 Method 1 of 2
 Parameters:

k = 0,848878612273739
 m = 0,567973317436534
 q = 0,724535580642988
 DF =16
 $X^2 = 14,3079$ $P(X^2) = 0,5758$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	100	95,2696	13	9	5,6683
2	108	103,1648	14	3	4,1987
3	92	88,1376	15	3	3,1051
4	66	70,8442	16	2	2,2931
5	55	55,3703	17	1	1,6914
6	37	42,5847	18	0	1,2463
7	32	32,4108	19	0	0,9174
8	21	24,4871	20	0	0,6748
9	27	18,4003	21	2	0,4959
10	8	13,7688	22	0	0,3642
11	8	10,2688	23	1	1
12	9	7,6379			

Input data: Futljar_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 277
 Method 1 of 2
 Parameters:
 k = 0,203778404326555
 m = 0,0739122434036916
 q = 0,83715399677894
 DF =24
 $X^2 = 18,4265$ $P(X^2) = 0,7818$

Input data: Malciki_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 167
 Method 1 of 2
 Parameters:
 k = 0,414633618980434
 m = 0,302287805900328
 q = 0,787169294989289
 DF =15
 $X^2 = 21,3392$ $P(X^2) = 0,1263$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	16	14,764	21	1	1,7971	1	28	24,304	21	1	0,3938
2	38	34,075	22	2	1,5142	2	32	26,241	22	0	0,3117
3	28	31,976	23	1	1,2754	3	22	22,438	23	0	0,2466
4	25	28,445	24	2	1,074	4	13	18,525	24	1	0,1951
5	22	24,819	25	1	0,9042	5	10	15,078	25	0	0,1543
6	21	21,439	26	0	0,761	6	7	12,179	26	0	0,1221
7	19	18,407	27	1	0,6404	7	14	9,79	27	0	0,0965
8	13	15,739	28	0	0,5388	8	6	7,8437	28	0	0,0763
9	20	13,418	29	0	0,4532	9	6	6,2693	29	0	0,0603
10	9	11,414	30	0	0,3812	10	4	5,0018	30	0	0,0477
11	14	9,6918	31	0	0,3205	11	2	3,9848	31	0	0,0377
12	7	8,2181	32	0	0,2695	12	2	3,1709	32	0	0,0298
13	7	6,9605	33	3	0,2265	13	5	2,5209	33	1	0,1117
14	4	5,8897	34	0	0,1904	14	3	2,0025			
15	7	4,9796	35	0	0,16	15	2	1,5896			
16	3	4,2071	36	0	0,1345	16	1	1,2611			
17	6	3,5524	37	0	0,113	17	5	1			
18	3	2,9979	38	0	0,0949	18	1	0,7926			
19	3	2,5288	39	0	0,0798	19	1	0,628			
20	0	2,1322	40	0	0,067	20	0	0,4973			
			41	0	0,0563						
			42	1	0,2945						

Input data: Zapiski_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 640
 Method 1 of 2
 Parameters:
 k = 0,159483149352125
 m = 0,0854758591930629
 q = 0,694426055122302
 DF =14
 X² = 6,4081 P(X²) = 0,9551

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	115	114,2	16	1	1,126
2	148	147,9	17	0	0,786
3	109	109,7	18	2	0,548
4	81	78,9	19	1	1,262
5	56	56,11			
6	39	39,67			
7	32	27,95			
8	14	19,64			
9	17	13,78			
10	7	9,659			
11	9	6,762			
12	3	4,73			
13	3	3,307			
14	1	2,31			
15	2	1,614			

Input data: Nevskij_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 696
 Method 1 of 2
 Parameters:
 k = 0,220553143296623
 m = 0,130588088281412
 q = 0,795555797868219
 DF =22
 X² = 13,4909 P(X²) = 0,9186

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	81	81,9	16	7	5,868
2	108	110	17	2	4,696
3	92	94,51	18	4	3,757
4	78	78,36	19	3	3,004
5	66	64,13	20	1	2,402
6	56	52,13	21	2	1,92
7	41	42,2	22	2	1,534
8	38	34,07	23	0	1,226
9	29	27,44	24	1	0,979
10	22	22,08	25	1	0,782
11	23	17,74	26	0	0,624
12	11	14,23	27	0	0,499
13	16	11,42	28	0	0,398
14	4	9,149	29	0	0,318
15	6	7,329	30	0	0,254

Input data: Nos_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 556
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,25219845584857
 m = 0,175035743486826
 q = 0,780901066008142
 DF =20
 X² = 15,6472 P(X²) = 0,7383

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	90	82,923	16	3	3,6768
2	103	93,301	17	1	2,8858
3	74	77,643	18	1	2,2643
4	54	62,783	19	1	1,7761
5	47	50,219	20	1	1,3929
6	39	39,941	21	1	1,0921
7	36	31,655	22	0	0,8561
8	23	25,028	23	1	0,6709
9	21	19,755	24	0	0,5258
10	15	15,572	25	0	0,4119
11	17	12,263	26	1	0,3227
12	7	9,6484	27	0	0,2528
13	9	7,5865	28	0	0,198
14	7	5,9618	29	1	0,155
15	1	4,6829	30	1	0,1214

Input data: NosK1_3er.dat*
 Distribution: Hyperpascal (k,m,q)
 Sample size: 80
 Method 1 of 2
 Parameters:
 k = 0,495514737558628
 m = 0,447014450286559
 q = 0,781649695259347
 DF =9
 X² = 13,0139 P(X²) = 0,1620

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
31	0	0,0951	1	15	15,375
32	0	0,0744	2	12	13,322
33	1	0,268	3	8	10,762
			4	9	8,5789
			5	12	6,8
			6	7	5,3732
			7	6	4,2374
			8	4	3,3371
			9	0	2,6254
			10	3	2,0639
			11	0	1,6215
			12	2	1,2734
			13	1	0,9995
			14	1	3,6307

Input data: NosK2_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 411
 Method 1 of 2
 Parameters:
 k = 0,20981811865143
 m = 0,142546528409278
 q = 0,789786200904378
 DF =19
 X² = 18,4238 P(X²) = 0,4943

X[i]	F[i]	NP[i]
1	65	57,9877
2	77	67,4111
3	57	56,3751
4	40	45,9223
5	30	37,0452
6	29	29,7329
7	25	23,7898
8	17	18,9946
9	16	15,143
10	10	12,0585
11	15	9,5937
12	5	7,6273
13	8	6,0603
14	5	4,8128
15	0	3,8206
16	2	3,0318
17	1	2,4051

Input data: NosK3_3er.dat*
 Distribution: Hyperpascal (k,m,q)
 Sample size: 65
 Method 1 of 2
 Parameters:
 k = 0,302334426322748
 m = 0,166817249205926
 q = 0,752754706489562
 DF =9
 X² = 7,2115 P(X²) = 0,6151

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
18	1	1,9074	1	10	8,6161
19	1	1,5124	2	14	11,7547
20	1	1,1989	3	9	9,8761
21	1	0,9502	4	5	7,8992
22	0	0,753	5	5	6,2006
23	1	0,5966	6	3	4,8194
24	0	0,4726	7	5	3,7229
25	0	0,3743	8	2	2,864
26	1	0,2965	9	5	2,1967
27	0	0,2348	10	2	1,681
28	0	0,1859	11	2	1,2841
29	1	0,1472	12	0	0,9795
30	1	0,1165	13	0	0,7463
31	0	0,0922	14	1	0,568
32	0	0,073	15	1	0,432
33	1	0,2769	16	1	1,3593

Input data: BL_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 427
 Method 1 of 2
 Parameters:
 k = 4,29268560511223
 m = 3,94180308141249
 q = 0,73885273324286
 DF =14
 X² = 12,8340 P(X²) = 0,5396

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	91	93,26	16	2	1,767
2	71	75,04	17	2	1,33
3	57	59,38	18	0	1
4	51	46,46	19	1	2,998
5	36	36,07			
6	30	27,82			
7	28	21,37			
8	20	16,34			
9	7	12,46			
10	7	9,478			
11	8	7,193			
12	9	5,448			
13	2	4,12			
14	4	3,111			
15	1	2,346			

Input data: Me_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 615
 Method 1 of 2
 Parameters:
 k = 0,79132131935697
 m = 0,685370075611524
 q = 0,78205054400442
 DF =20
 X² = 32,3978 P(X²) = 0,0392

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	121	109	16	1	4,099	31	0	0,11
2	112	98,41	17	4	3,227	32	0	0,087
3	57	81,8	18	1	2,54	33	0	0,068
4	52	66,49	19	1	1,998	34	0	0,053
5	64	53,5	20	2	1,572	35	0	0,042
6	55	42,78	21	1	1,236	36	0	0,033
7	33	34,08	22	2	0,971	37	0	0,026
8	22	27,08	23	1	0,763	38	0	0,02
9	22	21,47	24	1	0,6	39	0	0,016
10	20	16,99	25	0	0,471	40	0	0,012
11	10	13,43	26	1	0,37	41	0	0,01
12	15	10,61	27	0	0,291	42	1	0,035
13	8	8,373	28	0	0,228			
14	2	6,603	29	0	0,179			
15	5	5,204	30	1	0,141			

Input data: MeK1_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 58
 Method 1 of 2
 min. size: 2
 k = 1,71469683884025
 m = 2,30487267241124
 q = 0,850157592939355
 DF =6
 $X^2 = 8,7207$ $P(X^2) = 0,1899$

X[i]	F[i]	NP[i]
1	17	16,1453
2	9	10,2114
3	3	7,131
4	5	5,2313
5	3	3,9527
6	6	3,0458
7	4	2,3802
8	2	1,8798
9	5	1,4967
10	0	1,1996
11	0	0,9666
12	2	0,7824
13	0	0,6356
14	0	0,5181
15	0	0,4235
16	0	0,347
17	1	0,2849

Input data: MeK2_3er.dat*
 Distribution: Hyperpascal (k,m,q)
 Sample size: 43
 Method 1 of 2
 Parameters:
 k = 0,00520118655643053
 m = 0,00782048913880561
 q = 0,817241115005192
 DF =9
 $X^2 = 19,6871$ $P(X^2) = 0,0199$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
18	0	0,2344	1	8	10,8563
19	0	0,1932	2	4	5,9006
20	0	0,1595	3	3	4,8097
21	0	0,1318	4	6	3,9256
22	0	0,1091	5	9	3,2053
23	1	0,54	6	5	2,6178
			7	3	2,1383
			8	0	1,7467
			9	1	1,427
			10	2	1,1658
			11	0	0,9525
			12	0	0,7782
			13	0	0,6358
			14	0	0,5195
			15	0	0,4245
			16	1	0,3468
			17	1	1,5497

Input data: MeK4_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 47
 Method 1 of 2
 min. size: 2
 k = 0,0246317868047847
 m = 0,0155502406852739
 q = 0,77815493827136
 DF =6
 $X^2 = 11,5741$ $P(X^2) = 0,0722$

X[i]	F[i]	NP[i]
1	9	7,087
2	12	8,7355
3	10	6,8584
4	2	5,3609
5	2	4,1842
6	1	3,2633
7	1	2,544
8	0	1,9826
9	3	1,5448
10	1	1,2034
11	1	0,9374
12	0	0,7301
13	0	0,5686
14	0	0,4428
15	1	0,3448

Input data: MeK6_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 161
 Method 1 of 2
 Parameters:
 k = 0,600787397362994
 m = 0,433222335318939
 q = 0,769174696507846
 DF =15
 $X^2 = 23,3700$ $P(X^2) = 0,0766$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
16	0	0,2685	1	30	24,367
17	1	0,209	2	33	25,992
18	0	0,1628	3	18	22,33
19	0	0,1267	4	10	18,358
20	0	0,0987	5	18	14,81
21	1	0,0768	6	15	11,822
22	1	0,0598	7	4	9,3736
23	0	0,0466	8	10	7,3977
24	1	0,1636	9	4	5,8184
			10	2	4,5643
			11	3	3,5731
			12	7	2,7925
			13	2	2,1794
			14	1	1,6989
			15	1	1,3231
			16	0	1,0295
			17	0	0,8004
			18	1	0,622
			19	0	0,483
			20	1	0,3749
			21	0	0,2908
			22	0	0,2255
			23	0	0,1748
			24	0	0,1355
			25	0	0,105
			26	1	0,3592

Input data: MeK7_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 63
 Method 1 of 2
 Parameters:
 k = 1,20781976134244
 m = 1,49228822673635
 q = 0,828094278552857
 DF =11
 X² = 7,2433 P(X²) = 0,7791

X[i]	F[i]	NP[i]
1	20	15,8234
2	13	10,6055
3	4	7,7799
4	5	5,9177
5	4	4,5901
6	3	3,6042
7	2	2,8538
8	1	2,2735
9	2	1,8196
10	3	1,4617
11	1	1,1776
12	0	0,951
13	1	0,7696
14	0	0,6239
15	1	0,5065

Input data: MeK8_3er.dat*
 Distribution: Hyperpascal (k,m,q)
 Sample size: 51
 Method 1 of 2
 min. size: 3
 k = 0,972546055286677
 m = 0,798014959556796
 q = 0,773692695523781
 DF =5
 X² = 13,3689 P(X²) = 0,0202

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
16	0	0,4117	1	10	8,5488
17	1	0,335	2	9	8,0607
18	0	0,2729	3	2	6,8419
19	0	0,2225	4	2	5,6237
20	0	0,1816	5	7	4,5509
21	0	0,1483	6	6	3,6491
22	1	0,1212	7	6	2,9083
23	0	0,0991	8	2	2,3079
24	0	0,081	9	0	1,8256
25	0	0,0663	10	6	1,4404
26	0	0,0543	11	0	1,1343
27	0	0,0445	12	1	4,1085
28	0	0,0365			
29	0	0,0299			
30	1	0,1372			

Input data: MeK9_3er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 34
 Method 1 of 2
 Parameters:
 k = 0,391553143746782
 m = 0,100169871932973
 q = 0,718541364810542
 DF =7
 X² = 12,4804 P(X²) = 0,0858

X[i]	F[i]	NP[i]
1	2	2,2503
2	6	6,3203
3	3	5,7442
4	7	4,7001
5	8	3,6946
6	4	2,8434
7	1	2,1598
8	0	1,6261
9	0	1,2163
10	0	0,9054
11	0	0,6714
12	0	0,4964
13	2	0,366
14	1	1,0057

Input data: MeK11_3er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 44
 Method 1 of 2
 min.size: 4
 k = 0,68250198444106
 m = 0,445969156923135
 q = 0,751833712267575
 DF =3
 X² = 4,5201 P(X²) = 0,2105

X[i]	F[i]	NP[i]
1	6	6,2864
2	7	7,2331
3	3	6,3276
4	6	5,2174
5	1	4,1918
6	7	3,3192
7	2	2,6039
8	3	2,0295
9	5	1,5743
10	3	1,2168
11	0	0,9377
12	0	0,721
13	1	2,3412

Input data: Markera_3er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 584
 Method 1 of 2
 Parameters:
 k = 0,0114947952937357
 m = 0,00784215465356155
 q = 0,656883063117566
 DF =10
 X² = 7,3043 P(X²) = 0,6964

X[i]	F[i]	NP[i]
1	156	152,997
2	144	147,311
3	91	97,117
4	67	63,9106
5	46	42,0327
6	34	27,6358
7	13	18,1667
8	12	11,9407
9	10	7,8477
10	5	5,1574
11	3	3,3892
12	0	2,2271
13	0	1,4634
14	2	0,9616
15	1	1,8423

Input data: Dama_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 326
 Method 1 of 2
 Parameters:
 k = 2,45376927973892
 m = 1,97936437235068
 q = 0,778237637837259
 DF =19
 $X^2 = 22,8832$ $P(X^2) = 0,2425$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	49	45,4	16	1	3,09	31	0	0,1
2	48	43,8	17	2	2,48	32	0	0,08
3	44	39,5	18	1	1,98	33	0	0,06
4	32	34,4	19	3	1,58	34	0	0,05
5	32	29,3	20	2	1,26	35	0	0,04
6	14	24,6	21	0	1	36	0	0,03
7	22	20,5	22	0	0,8	37	0	0,02
8	17	16,9	23	1	0,63	38	0	0,02
9	22	13,8	24	1	0,5	39	1	0,07
10	8	11,3	25	1	0,4			
11	10	9,16	26	1	0,31			
12	5	7,41	27	1	0,25			
13	3	5,98	28	0	0,2			
14	2	4,81	29	0	0,16			
15	3	3,86	30	0	0,12			

Input data: DamaK2_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 105
 Method 2 of 2
 Parameters:
 k = 1,14086248740745
 m = 1,12580474479741
 q = 0,814188031505712
 DF =14
 $X^2 = 20,3686$ $P(X^2) = 0,1189$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	19	19,1	16	0	0,91	31	0	0,04
2	16	15,7	17	0	0,75	32	0	0,03
3	15	12,9	18	1	0,61	33	0	0,03
4	11	10,5	19	1	0,5	34	0	0,02
5	12	8,62	20	1	0,4	35	0	0,02
6	0	7,04	21	0	0,33	36	0	0,02
7	6	5,74	22	0	0,27	37	0	0,01
8	6	4,69	23	0	0,22	38	0	0,01
9	8	3,82	24	0	0,18	39	1	0,04
10	3	3,12	25	0	0,14			
11	3	2,54	26	1	0,12			
12	0	2,07	27	0	0,1			
13	1	1,69	28	0	0,08			
14	0	1,38	29	0	0,06			
15	0	1,12	30	0	0,05			

Input data: DamaK3_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 116
 Method 1 of 2
 Parameters:
 k = 0,143192163576596
 m = 0,0807232812610937
 q = 0,797083946977224
 DF =14
 $X^2 = 6,0555$ $P(X^2) = 0,9651$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	14	13,395	16	1	0,9599
2	20	18,939	17	1	0,7683
3	15	15,969	18	0	0,6148
4	15	13,111	19	1	0,4918
5	12	10,662	20	1	0,3934
6	6	8,6288	21	0	0,3146
7	7	6,9624	22	0	0,2515
8	4	5,6066	23	0	0,2011
9	7	4,5084	24	0	0,1607
10	3	3,6213	25	0	0,1285
11	3	2,9064	26	0	0,1027
12	2	2,331	27	1	0,4077
13	0	1,8685			
14	1	1,497			
15	2	1,1989			

Input data: DamaK4_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 57
 Method 1 of 2
 Parameters:
 k = 0,540788708799788
 m = 0,442817532815233
 q = 0,807395226204146
 DF =12
 $X^2 = 6,1605$ $P(X^2) = 0,9078$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	9	8,3635	16	0	0,5364
2	9	8,2467	17	0	0,4358
3	6	7,1104	18	0	0,354
4	5	5,9712	19	1	0,2874
5	5	4,9583	20	0	0,2333
6	2	4,0916	21	0	0,1893
7	6	3,363	22	0	0,1536
8	3	2,7566	23	0	0,1246
9	3	2,2549	24	1	0,5325
10	1	1,8417			
11	2	1,5024			
12	2	1,2244			
13	2	0,9971			
14	0	0,8114			
15	0	0,6599			

Input data: Futljar_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 277
 Method 1 of 2
 Parameters:
 k = 0,208496238221174
 m = 0,105973250809027
 q = 0,770765400677281
 DF =16

$X^2 = 8,1619$ $P(X^2) = 0,9439$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	32	32,141	16	3	1,7367
2	50	48,74	17	1	1,3477
3	35	41,05	18	1	1,0454
4	33	33,18	19	0	0,8106
5	25	26,418	20	0	0,6283
6	27	20,871	21	0	0,4869
7	15	16,409	22	3	0,3772
8	15	12,86	23	0	0,2921
9	11	10,055	24	0	0,2262
10	7	7,8482	25	0	0,1751
11	6	6,1172	26	0	0,1356
12	6	4,7628	27	0	0,1049
13	3	3,7049	28	1	0,3582
14	1	2,8798			
15	2	2,237			

Input data: Malciki_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 167
 Method 1 of 2
 Parameters:
 k = 0,814469263232955
 m = 0,674758723068207
 q = 0,722072693552866
 DF =11

$X^2 = 14,3048$ $P(X^2) = 0,2166$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	43	36,697	16	1	0,4738
2	39	31,984	17	0	0,3452
3	15	25,021	18	0	0,2513
4	15	19,011	19	0	0,1829
5	16	14,249	20	0	0,1331
6	10	10,596	21	0	0,0968
7	5	7,8398	22	1	0,257
8	3	5,7794			
9	7	4,2491			
10	3	3,1176			
11	4	2,2836			
12	3	1,6705			
13	1	1,2207			
14	1	0,8911			
15	0	0,65			

Input data: Zapiski_4er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 640
 Method 1 of 2
 Parameters:
 k = 0,158345283911882
 m = 0,0846481957954807
 q = 0,605929908772802
 DF =9
 $X^2 = 4,0608$ $P(X^2) = 0,9074$

X[i]	F[i]	NP[i]
1	159	157,337
2	179	178,337
3	115	115,402
4	69	72,3975
5	51	44,9159
6	21	27,7069
7	20	17,0318
8	9	10,4451
9	7	6,3948
10	3	3,9101
11	3	2,3885
12	1	1,4578
13	2	0,8892
14	0	0,5421
15	1	0,8444

Input data: Nevskij_4er.dat*
 Distribution: Hyperpascal (k,m,q)
 Sample size: 696
 Method 2 of 2
 Parameters:
 k = 0,604827714939906
 m = 0,387552215744094
 q = 0,711140077620891
 DF =16
 $X^2 = 8,4609$ $P(X^2) = 0,9339$

X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	118	120,795	16	3	2,0289
2	133	134,062	17	1	1,4632
3	108	110,266	18	1	1,0543
4	77	85,5505	19	1	0,7591
5	76	64,7405	20	0	0,5462
6	48	48,3195	21	0	0,3928
7	37	35,7477	22	0	0,2823
8	28	26,2864	23	0	0,2028
9	20	19,2431	24	1	0,1456
10	18	14,039	25	0	0,1045
11	6	10,2148	26	0	0,075
12	9	7,4161	27	1	0,1897
13	5	5,3745			
14	4	3,8891			
15	1	2,8106			

Input data: Nos_4er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 556
 Method 2 of 2
 Parameters:
 k = 0,26047150505199
 m = 0,196049185847373
 q = 0,719936657328536
 DF =14
 $X^2 = 12,3982$ $P(X^2) = 0,5744$

X[i]	F[i]	NP[i]
1	123	119
2	119	113,9
3	79	86,39
4	58	64,02
5	55	47,02
6	32	34,37
7	27	25,05
8	23	18,22
9	10	13,24
10	12	9,604
11	4	6,963
12	4	5,045
13	1	3,653
14	1	2,644
15	2	1,913

Input data: NosK1_4er.dat*
 Distribution: Hyperpascal (k,m,q)
 Sample size: 80
 Method 1 of 2
 Parameters:
 k = 1,44697074327934
 m = 1,09238775413894
 q = 0,659482778469326
 DF =7
 $X^2 = 6,3824$ $P(X^2) = 0,4959$

X[i]*	F[i]	NP[i]
1	18	19,03
2	15	16,62
3	11	12,82
4	14	9,423
5	10	6,753
6	5	4,763
7	2	3,324
8	1	2,302
9	2	1,585
10	1	1,086
11	1	2,3

Input data: NosK2_4er.dat#
 Distribution: Hyperpascal (k,m,q)
 Sample size: 411
 Method 1 of 2
 Parameters:
 k = 0,351602833744341
 m = 0,250898470221666
 q = 0,722399852231462
 DF =14
 $X^2 = 15,9281$ $P(X^2) = 0,3178$

X[i]#	F[i]	NP[i]
1	88	81,04
2	92	82,04
3	59	64,04
4	38	48,33
5	40	36
6	23	26,62
7	20	19,6
8	19	14,39
9	7	10,54
10	10	7,705
11	3	5,627
12	2	4,105
13	1	2,992
14	1	2,179
15	2	1,586

Input data: NosK3_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 65
 Method 1 of 2
 Parameters:
 k = 2,54471100418911
 m = 2,36260362535825
 q = 0,72184904444659
 DF =7
 $X^2 = 2,8973$ $P(X^2) = 0,8943$

Input data: BL_4er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 427
 Method 1 of 2
 Parameters:
 k = 1,83667483237436
 m = 1,66999360599913
 q = 0,680582210294051
 DF =10
 $X^2 = 9,5375$ $P(X^2) = 0,4820$

Input data: Me_4er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 615
 Method 1 of 2
 Parameters:
 k = 0,18797672771459
 m = 0,232389850304914
 q = 0,76205518774399
 DF =16
 $X^2 = 21,6612$ $P(X^2) = 0,1545$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	17	15,93	1	120	119,7	1	169	178,2	15	2	2,823	29	0	0,061
2	12	12,39	2	83	89,58	2	101	109,8	16	1	2,144	30	0	0,046
3	9	9,427	3	67	64,77	3	72	80,68	17	2	1,629	31	1	0,148
4	6	7,089	4	47	46,08	4	80	60,26	18	2	1,238			
5	5	5,291	5	37	32,48	5	58	45,29	19	0	0,941			
6	4	3,929	6	30	22,76	6	36	34,15	20	1	0,716			
7	5	2,906	7	11	15,88	7	29	25,8	21	0	0,544			
8	3	2,143	8	9	11,04	8	19	19,52	22	1	0,414			
9	1	1,577	9	11	7,658	9	19	14,79	23	0	0,315			
10	1	1,159	10	4	5,301	10	8	11,21	24	0	0,239			
11	0	0,85	11	3	3,664	11	6	8,499	25	0	0,182			
12	2	2,308	12	2	2,53	12	2	6,449	26	0	0,138			
			13	2	1,744	13	5	4,895	27	0	0,105			
			14	1	3,844	14	1	3,717	28	0	0,08			

Input data: MeK1_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 58
 Method 1 of 2
 Parameters:
 k = 0,29458451155714
 m = 0,695517153921794
 q = 0,839931137700182
 DF =8
 $X^2 = 14,9070$ $P(X^2) = 0,0610$

Input data: MeK2_4er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 43
 Method 2 of 2
 Parameters:
 k = 0,35668976964747
 m = 1,04667178149651
 q = 0,897187356870721
 DF =6
 $X^2 = 47,9832$ $P(X^2) = 0,0000$

Input data: MeK3_4er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 60
 Method 1 of 2
 Parameters:
 k = 0,353368980378318
 m = 0,494456810611803
 q = 0,767340993826808
 DF =7
 $X^2 = 8,0146$ $P(X^2) = 0,3313$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	21	24,8	16	0	0,262	1	10	20,08	1	18	19,87	17	0	0,138
2	6	8,823	17	0	0,214	2	2	6,138	2	10	10,9	18	0	0,105
3	7	5,658	18	1	1	3	9	3,651	3	10	7,571	19	0	0,08
4	5	4,046				4	11	2,534	4	5	5,481	20	0	0,061
5	5	3,029				5	4	1,886	5	4	4,036	21	0	0,046
6	5	2,327				6	2	1,46	6	3	3	22	0	0,035
7	5	1,817				7	1	1,161	7	1	2,243	23	0	0,027
8	0	1,435				8	2	0,939	8	3	1,684	24	0	0,021
9	2	1,142				9	0	0,771	9	5	1,268	25	0	0,016
10	0	0,915				10	0	0,639	10	0	0,957	26	0	0,012
11	0	0,737				11	0	0,534	11	0	0,723	27	0	0,009
12	0	0,596				12	1	0,449	12	0	0,547	28	0	0,007
13	1	0,483				13	1	2,763	13	0	0,415	29	0	0,005
14	0	0,393							14	0	0,315	30	0	0,004
15	0	0,321							15	0	0,239	31	1	0,013
									16	0	0,182			

Input data: MeK4_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 47
 Method 1 of 2
 min. size: 2
 k = 0,839849492657291
 m = 0,770407000509964
 q = 0,719425840279279
 DF =4
 $X^2 = 8,8106$ $P(X^2) = 0,0660$

Input data: MeK6_4er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 161
 Method 1 of 2
 min. size: 4
 k = 0,756325559580949
 m = 0,554173843000699
 q = 0,676645229595328
 DF =5
 $X^2 = 10,0471$ $P(X^2) = 0,0739$

Input data: MeK7_4er.dat#
 Distribution: Hyperpascal (k,m,q)
 Sample size: 63
 Method 2 of 2
 Parameters:
 k = 0,0754254557358984
 m = 0,193202580493955
 q = 0,809728218504581
 DF =9
 $X^2 = 6,2401$ $P(X^2) = 0,7157$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	15	11,9	16	1	0,11	1	39	36,8	16	0	0,24	1	27	26,3	16	0	0,3
2	13	9,3	17	1	0,08	2	39	34	17	0	0,16	2	8	8,31	17	1	0,24
3	5	6,95	18	1	0,21	3	13	26	18	0	0,11	3	7	6,06	18	0	0,19
4	2	5,13				4	19	19	19	0	0,08	4	6	4,65	19	0	0,16
5	1	3,76				5	17	13,6	20	1	0,17	5	3	3,62	20	0	0,13
6	1	2,74				6	11	9,6				6	1	2,85	21	0	0,1
7	3	2				7	5	6,73				7	2	2,26	22	1	0,42
8	2	1,45				8	2	4,7				8	4	1,79			
9	0	1,05				9	9	3,26				9	0	1,43			
10	0	0,76				10	2	2,26				10	1	1,14			
11	1	0,55				11	2	1,56				11	1	0,91			
12	0	0,4				12	0	1,08				12	0	0,73			
13	1	0,29				13	1	0,74				13	1	0,58			
14	0	0,21				14	0	0,51				14	0	0,47			
15	0	0,15				15	1	0,35				15	0	0,38			

Input data: MeK8_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 51
 Method 1 of 2
 min. size: 6
 k = 1,19788201671247
 m = 1,18360472055363
 q = 0,734433656555904
 DF =1
 $X^2 = 2,9996$ $P(X^2) = 0,0833$

Input data: MeK9_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 34
 Method 1 of 2
 Parameters:
 k = 1,81343963757037
 m = 1,33253813931504
 q = 0,676222926884633
 DF =6
 $X^2 = 12,6886$ $P(X^2) = 0,0483$

Input data: MeK10_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 28
 Method 1 of 2
 Parameters:
 k = 1,01397100213298
 m = 0,859990441256856
 q = 0,748946061473515
 DF =5
 $X^2 = 9,5979$ $P(X^2) = 0,0875$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	13	13,3184	1	5	7,0514	1	5	5,5543
2	8	9,8995	2	5	6,4891	2	4	4,9047
3	2	7,3181	3	8	5,2928	3	1	3,9774
4	10	5,3987	4	8	4,0956	4	6	3,1393
5	8	3,9785	5	5	3,077	5	4	2,4449
6	3	2,93	6	0	2,2683	6	4	1,8891
7	4	2,1569	7	0	1,6504	7	1	1,452
8	2	1,5872	8	0	1,1892	8	1	1,1119
9	1	4,4126	9	0	0,8506	9	1	0,8491
			10	2	0,6048	10	1	2,6773
			11	1	1,4307			

Input data: MeK11_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 44
 Method 2 of 2
 Parameters:
 k = 0,926600768993807
 m = 1,14755401822397
 q = 0,822275688309489
 DF =6
 $X^2 = 15,3717$ $P(X^2) = 0,0176$

X[i]	F[i]	NP[i]	X[i]*
1	10	11,061	1
2	5	7,3439	2
3	7	5,4174	3
4	5	4,1419	4
5	4	3,2244	5
6	4	2,5375	6
7	6	2,0115	7
8	2	1,6029	8
9	0	1,2823	9
10	1	5,3773	10
			11
			12

Input data: Markera_4er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 584
 Method 1 of 2
 Parameters:
 k = 0,461501511751242
 m = 0,320140828152727
 q = 0,540604429552021
 DF =7
 $X^2 = 2,7965$ $P(X^2) = 0,9032$

F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]
208	204,75	1	70	66,934	16
158	159,56	2	58	56,511	17
92	95,498	3	45	44,647	18
53	54,772	4	36	34,976	19
35	30,871	5	26	27,309	20
17	17,235	6	23	21,285	21
12	9,5649	7	26	16,571	22
5	5,2865	8	12	12,891	23
1	2,9131	9	7	10,023	24
0	1,6016	10	4	7,7903	25
2	0,879	11	4	6,0527	26
1	1,0628	12	1	4,7014	27
		13	2	3,651	28
		14	2	2,8348	29
		15	4	2,2007	30

Input data: Dama_4er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 326
 Method 2 of 2
 Parameters:
 k = 0,305413816629319
 m = 0,280299319053557
 q = 0,774856321100129
 DF =17
 $X^2 = 16,7163$ $P(X^2) = 0,4737$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
16	0	1,7082	17	1	1,3258
17	1	1,0289	18	1	1,0289
18	1	0,7984	19	2	0,7984
19	2	0,6195	20	0	0,6195
20	0	0,4807	21	1	0,4807
21	1	0,3729	22	0	0,3729
22	0	0,2893	23	0	0,2893
23	0	0,2244	24	0	0,2244
24	0	0,1741	25	0	0,1741
25	0	0,135	26	0	0,135
26	0	0,1047	27	0	0,1047
27	0	0,0812	28	0	0,0812
28	0	0,063	29	0	0,063
29	0	0,2176	30	1	0,2176

Input data: DamaK1_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 48
 Method 2 of 2
 k = 0,850290847636208
 m = 0,865744702949008
 q = 0,813254534709975
 DF =10
 $X^2 = 8,7148$ $P(X^2) = 0,5594$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	8	9,22	16	0	0,39
2	6	7,37	17	1	0,32
3	5	5,94	18	0	0,26
4	4	4,81	19	1	1,13
5	8	3,89			
6	4	3,16			
7	5	2,56			
8	2	2,08			
9	1	1,69			
10	1	1,37			
11	1	1,11			
12	0	0,9			
13	1	0,73			
14	0	0,6			
15	0	0,48			

Input data: DamaK2_4er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 105
 Method 1 of 2
 k = 0,905806708265072
 m = 1,06662611757078
 q = 0,798382346931696
 DF =12
 $X^2 = 16,5563$ $P(X^2) = 0,1671$

X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	28	27,1	16	0	0,54
2	19	18,4	17	0	0,43
3	14	13,5	18	0	0,34
4	12	10,2	19	1	0,27
5	4	7,84	20	0	0,21
6	8	6,06	21	0	0,17
7	10	4,71	22	0	0,13
8	4	3,68	23	0	0,11
9	0	2,88	24	0	0,08
10	1	2,26	25	0	0,07
11	0	1,77	26	0	0,05
12	0	1,39	27	0	0,04
13	0	1,1	28	0	0,03
14	1	0,87	29	0	0,03
15	2	0,68	30	1	0,1

Input data: DamaK3_4er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 116
 Method 1 of 2
 k = 0,651279483106925
 m = 0,452385978072151
 q = 0,721359459287463
 DF =10
 $X^2 = 5,6497$ $P(X^2) = 0,8438$

X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	22	21	16	0	0,38
2	23	21,8	17	0	0,28
3	19	17,9	18	0	0,2
4	14	13,9	19	0	0,15
5	8	10,6	20	0	0,11
6	7	8	21	1	0,29
7	8	5,98			
8	3	4,45			
9	4	3,3			
10	0	2,43			
11	3	1,79			
12	1	1,32			
13	1	0,97			
14	1	0,71			
15	1	0,52			

Input data: DamaK4_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 57
 Method 2 of 2
 Parameters:
 k = 0,342141242555584
 m = 0,305831162534624
 q = 0,766831342365811
 DF =9
 $X^2 = 3,0787$ $P(X^2) = 0,9611$

Input data: Futljar_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 277
 Method 1 of 2
 Parameters:
 k = 0,858670509414524
 m = 0,61801976987879
 q = 0,708120177722543
 DF =13
 $X^2 = 5,8638$ $P(X^2) = 0,9510$

Input data: Malciki_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 167
 Method 2 of 2
 Parameters:
 k = 1,33822627746649
 m = 1,4101954172526
 q = 0,700929925299221
 DF =9
 $X^2 = 12,0991$ $(X^2) = 0,2078$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	12	11,765	1	54	53,641	1	60	53,414
2	10	10,093	2	53	52,775	2	35	35,529
3	7	7,9549	3	43	42,929	3	17	24,16
4	6	6,1961	4	32	33,193	4	20	16,577
5	6	4,8036	5	29	25,068	5	10	11,43
6	4	3,7146	6	21	18,676	6	4	7,9047
7	3	2,868	7	11	13,792	7	8	5,4785
8	3	2,2119	8	10	10,121	8	3	3,8027
9	2	1,7046	9	9	7,3935	9	6	2,6426
10	2	1,3128	10	3	5,3817	10	1	1,8381
11	0	1,0107	11	3	3,9062	11	1	1,2795
12	0	0,7777	12	3	2,8288	12	1	0,8912
13	0	0,5983	13	1	2,0446	13	0	0,621
14	0	0,4602	14	1	1,4754	14	0	0,433
15	1	0,3538	15	0	1,0632	15	0	0,302
16	0	0,272	16	0	0,7653	16	0	0,2107
17	0	0,2091	17	3	0,5503	17	1	0,4873
18	1	0,6933	18	0	0,3953			
			19	0	0,2837			
			20	0	0,2035			
			21	1	0,5129			

Input data: Zapiski_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 640
 Method 2 of 2
 Parameters:
 k = 0,140263065286301
 m = 0,0843490249333538
 q = 0,539031760028014
 DF =7

Input data: Nevskij_5er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 696
 Method 1 of 2
 Parameters:
 k = 0,387993745896637
 m = 0,250115467293592
 q = 0,670711562518229
 DF =13

Input data: Nos_5er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 556
 Method 2 of 2
 Parameters:
 k = 0,232095319163156
 m = 0,190028709660309
 q = 0,673510743954107
 DF =12

X ² = 2,2221 P(X ²) = 0,9465			X ² = 6,3881 P(X ²) = 0,9309			X ² = 10,8930 P(X ²) = 0,5381								
X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	217	211,6	1	152	151,4	15	1	1,283	1	159	153,3	16	1	0,565
2	188	189,6	2	157	157,5	16	0	0,869	2	129	126,1	17	0	0,381
3	104	107,5	3	116	117,3	17	0	0,588	3	80	87,96	18	2	0,258
4	64	59,5	4	87	83,48	18	0	0,398	4	66	60,38	19	0	0,174
5	27	32,65	5	56	58,36	19	1	0,269	5	40	41,2	20	1	0,361
6	18	17,84	6	43	40,42	20	0	0,182	6	28	28,03			
7	11	9,723	7	32	27,82	21	0	0,123	7	19	19,03			
8	4	5,289	8	20	19,07	22	1	0,255	8	17	12,9			
9	3	2,874	9	8	13,03				9	5	8,742			
10	1	1,56	10	8	8,888				10	4	5,918			
11	2	0,846	11	6	6,05				11	1	4,004			
12	1	1	12	3	4,113				12	2	2,708			
			13	4	2,792				13	1	1,831			
			14	1	1,894				14	1	1,237			
									15	0	0,836			

Input data: NosK1_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 80
 Method 1 of 2
 Parameters:
 k = 3,13753580166849
 m = 2,40697823260691
 q = 0,536850537174581
 DF =4

Input data: NosK2_5er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 411
 Method 1 of 2
 Parameters:
 k = 0,552380018341588
 m = 0,459117699822595
 q = 0,657738097042094
 DF =10

Input data: NosK3_5er.dat#
 Distribution: Hyperpascal (k,m,q)
 Sample size: 65
 Method 1 of 2
 Parameters:
 k = 0,480794407583832
 m = 0,439471295629914
 q = 0,672244117802825
 DF =5
 X² = 3,8227 P(X²) = 0,5752

X ² = 6,7030 P(X ²) = 0,1524			X ² = 12,0025 P(X ²) = 0,2849			X ² = 3,8227 P(X ²) = 0,5752					
X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	20	27,922	1	118	117,67	16	1	0,3387	1	21	19,555
2	18	19,54	2	97	93,116	17	0	0,2241	2	14	14,382
3	18	12,739	3	54	65,161	18	2	0,1482	3	8	9,9454
4	12	7,9728	4	48	44,484	19	0	0,098	4	6	6,799
5	5	4,8585	5	30	30,048	20	1	0,1909	5	5	4,6255
6	3	2,9057	6	19	20,177				6	6	3,1384
7	0	1,7138	7	17	13,498				7	2	2,1258
8	3	1	8	13	9,0062				8	1	1,4382
9	1	1,3483	9	3	5,9978				9	1	0,9722
			10	3	3,9885				10	1	2,0192
			11	1	2,6492						
			12	2	1,758						
			13	1	1,1657						
			14	1	0,7725						
			15	0	0,5116						

Input data: BL_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 427
 Method 1 of 2
 Parameters:
 k = 3,31177088622174
 m = 2,66509655551647
 q = 0,5744445823297583
 DF =8
 $X^2 = 6,5380$ $P(X^2) = 0,5872$

Input data: Me_5er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 615
 Method 2 of 2
 Parameters:
 k = 0,636893652785779
 m = 0,832219884393225
 q = 0,738535950684224
 DF =14
 $X^2 = 23,7393$ $P(X^2) = 0,0493$

Input data: MeK1_5er.dat#
 Distribution: Hyperpascal (k,m,q)
 Sample size: 58
 Method 2 of 2
 Parameters:
 k = 0,381918138616878
 m = 0,846370515750702
 q = 0,830665785876416
 DF =7
 $X^2 = 11,3754$ $P(X^2) = 0,1231$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	145	140,22	1	206	217,41	16	1	1,0853	1	23	25,205
2	93	100,09	2	99	122,88	17	0	0,7916	2	6	9,4475
3	68	67,643	3	101	81,077	18	1	0,5779	3	8	5,8736
4	48	44,244	4	74	55,749	19	0	0,4221	4	7	4,0829
5	31	28,317	5	45	39,074	20	0	0,3085	5	6	2,982
6	13	17,845	6	33	27,691	21	0	0,2256	6	4	2,2396
7	13	11,116	7	20	19,766	22	0	0,165	7	1	1,7126
8	8	6,8619	8	13	14,181	23	0	0,1208	8	1	1,3261
9	3	4,2055	9	7	10,212	24	0	0,0885	9	0	1,0363
10	4	2,5623	10	4	7,3749	25	1	0,2429	10	1	0,8157
11	0	1,5535	11	2	5,3384				11	0	0,6456
12	1	2,3408	12	3	3,8715				12	0	0,5133
			13	2	2,812				13	0	0,4097
			14	2	2,0452				14	1	1,7107
			15	1	1,4891						

Input data: MeK2_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 43
 Method 2 of 2
 Parameters:
 k = 1,30393280632764
 m = 1,18474855767137
 q = 0,643247678376701
 DF =4
 $X^2 = 8,5204$ $P(X^2) = 0,0743$

Input data: MeK4_5er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 47
 Method 1 of 2
 Parameters:
 k = 0,880029096514602
 m = 0,791319536552168
 q = 0,69294306555808
 DF =6
 $X^2 = 14,0892$ $P(X^2) = 0,0287$

Input data: MeK5_5er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 26
 Method 1 of 2
 Parameters:
 k = 0,650510767219404
 m = 0,90481103980654
 q = 0,822085459024228
 DF =5
 $X^2 = 2,1195$ $P(X^2) = 0,8324$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	11	13,7682	1	17	12,7473	1	6	7,4153
2	7	9,7473	2	14	9,8234	2	3	4,3827
3	12	6,612	3	4	7,1442	3	4	3,1219
4	6	4,4123	4	1	5,1078	4	3	2,3418
5	3	2,919	5	1	3,6222	5	3	1,7998
6	2	1,9208	6	4	2,5565	6	1	1,4029
7	0	1,2594	7	1	1,7986	7	1	1,1036
8	0	0,8235	8	0	1,2626	8	1	0,8739
9	0	0,5374	9	1	0,8849	9	2	0,6953
10	2	1	10	1	0,6194	10	0	0,5552
			11	0	0,4331	11	0	0,4447
			12	0	0,3026	12	2	1,8629
			13	2	0,2112			
			14	0	0,1474			
			15	1	0,3388			

Input data: MeK6_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 161
 Method 2 of 2
 Parameters:
 k = 0,748394011644843
 m = 0,884952526860254
 q = 0,711887436748301
 DF =9
 $X^2 = 8,2258$ $P(X^2) = 0,5116$

X[i]	F[i]	NP[i]
1	55	55,9
2	28	33,654
3	26	22,222
4	18	15,071
5	13	10,352
6	4	7,1632
7	8	4,981
8	4	3,4756
9	2	2,4314
10	0	1,7043
11	1	1,1965
12	1	0,8411
13	0	0,5919
14	0	0,4169
15	0	0,2939
16	1	0,7061

Input data: MeK7_5er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 63
 Method 2 of 2
 Parameters:
 k = 0,228985367972857
 m = 0,510775782269333
 q = 0,79114657406652
 DF =8
 $X^2 = 2,6744$ $P(X^2) = 0,9531$

X[i]*	F[i]	NP[i]
1	29	28,327
2	9	10,047
3	8	6,466
4	5	4,5414
5	2	3,3046
6	4	2,4511
7	1	1,84
8	1	1,3927
9	1	1,0605
10	0	0,8112
11	1	0,6228
12	0	0,4795
13	0	0,3701
14	1	0,2862
15	0	0,2217
16	0	0,172

Input data: MeK8_5er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 51
 Method 1 of 2
 min. size: 5
 k = 1,15435376925795
 m = 1,29502449699992
 q = 0,702168494567989
 DF =1
 $X^2 = 5,7818$ $P(X^2) = 0,0162$

X[i]#	F[i]	NP[i]
1	16	17,472
2	7	10,936
3	7	7,2079
4	11	4,8451
5	3	3,2906
6	6	2,2492
7	1	5

Input data: MeK9_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 34
 Method 2 of 2
 Parameters:
 k = 1,49683114262016
 m = 1,08885203534551
 q = 0,607062927805804
 DF =4
 $X^2 = 15,2141$ $P(X^2) = 0,0043$

X[i]	F[i]	NP[i]
1	7	9,3384
2	6	7,7931
3	13	5,6549
4	5	3,8863
5	0	2,5946
6	0	1,7014
7	0	1,102
8	2	0,7075
9	1	1,2218

Input data: MeK10_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 28
 Method 1 of 2
 Parameters:
 k = 1,25541640099243
 m = 1,35458753500261
 q = 0,746887255538135
 DF =4
 $X^2 = 10,2910$ $P(X^2) = 0,0358$

X[i]	F[i]	NP[i]
1	6	7,9062
2	3	5,4727
3	7	3,9154
4	4	2,8379
5	5	2,0713
6	1	1,5184
7	1	1,1164
8	1	3,1617

Input data: MeK11_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 44
 Method 1 of 2
 Parameters:
 k = 1,03413561133985
 m = 1,30338208670531
 q = 0,794499883099687
 DF =4
 $X^2 = 19,3215$ $P(X^2) = 0,0007$

X[i]	F[i]	NP[i]
1	12	12,8521
2	5	8,1016
3	6	5,6843
4	8	4,1481
5	6	3,0895
6	6	2,33
7	0	1,7721
8	1	6,0223

Input data: Markera_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 584
 Method 1 of 2
 Parameters:
 k = 0,783803595236326
 m = 0,536890452551998
 q = 0,449140463210312
 DF =5
 $X^2 = 4,2026$ $P(X^2) = 0,5206$

X[i]	F[i]	NP[i]	X[i]*
1	257	251,85	1
2	164	165,14	2
3	83	86,086	3
4	42	42,428	4
5	20	20,386	5
6	12	9,6547	6
7	3	4,5297	7
8	0	2,1113	8
9	3	1,8174	9
			10
			11
			12
			13
			14
			15

Input data: Dama_5er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 326
 Method 1 of 2
 Parameters:
 k = 0,683378647445857
 m = 0,562401015958995
 q = 0,698344102112419
 DF =12
 $X^2 = 12,9691$ $P(X^2) = 0,3713$

F[i]	NP[i]	X[i]	F[i]
82	79,043	16	1
70	67,073	17	1
53	50,467	18	0
30	36,907	19	0
30	26,649	20	0
23	19,104	21	0
15	13,631	22	0
4	9,6947	23	0
4	6,8785	24	0
3	4,8715	25	1
2	3,445		
4	2,4333		
0	1,7171		
1	1,2107		
2	0,853		

Input data: DamaK1_5er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 48
 Method 1 of 2
 Parameters:
 k = 0,716137639174422
 m = 0,39678464445919
 q = 0,68124015819176
 DF =7
 $X^2 = 5,6496$ $P(X^2) = 0,5812$

NP[i]	X[i]#	F[i]	NP[i]
0,6006	1	8	7,8087
0,4227	2	11	9,6011
0,2974	3	3	8,0361
0,2091	4	9	6,204
0,147	5	5	4,6237
0,1033	6	4	3,3787
0,0725	7	3	2,4379
0,0509	8	1	1,7437
0,0358	9	1	1,2392
0,0841	10	1	0,8763
	11	0	0,6172
	12	0	0,4334
	13	0	0,3035
	14	1	0,2121
	15	1	0,4844

Input data: DamaK2_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 105
 Method 1 of 2
 k = 1,02699497495654
 m = 1,0152096732937
 q = 0,708972874682954
 DF =8
 $X^2 = 14,2893$ $P(X^2) = 0,0745$

X[i]	F[i]	NP[i]	X[i]
1	30	30,12	16
2	22	21,6	17
3	21	15,41	18
4	4	10,96	19
5	12	7,797	20
6	7	5,541	21
7	3	3,936	22
8	1	2,795	23
9	0	1,985	24
10	0	1,409	25
11	1	1	
12	2	0,71	
13	0	0,504	
14	0	0,357	
15	0	0,254	

Input data: DamaK3_5er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 116
 Method 2 of 2
 k = 9,07868523847628
 m = 8,40788102936643
 q = 0,679225094248425
 DF =9
 $X^2 = 6,5099$ $P(X^2) = 0,6880$

F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]
30	32,11	16	0	0,194	1
25	23,55	17	1	0,448	2
21	17,14				3
10	12,39				4
8	8,91				5
9	6,379				6
5	4,55				7
0	3,234				8
3	2,292				9
2	1,621				10
1	1,143				11
1	0,805				12
0	0,566				13
0	0,397				14
0	0,278				15

Input data: DamaK4_5er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 57
 Method 1 of 2
 k = 0,157464954447797
 m = 0,126762212969537
 q = 0,713537206214426
 DF =7
 $X^2 = 3,4960$ $P(X^2) = 0,8357$

F[i]	NP[i]	X[i]#	F[i]	NP[i]
0	0,194	1	14	13,56
1	0,448	2	12	12,01
		3	8	8,807
		4	7	6,375
		5	5	4,593
		6	3	3,302
		7	4	2,37
		8	2	1,7
		9	0	1,218
		10	0	0,872
		11	0	0,625
		12	1	0,447
		13	0	0,32
		14	0	0,229
		15	1	0,574

Input data: Futljar_5er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 277
 Method 2 of 2
 Parameters:
 k = 8,48397326261044
 m = 6,19857261613565
 q = 0,56789879919738
 DF = 5
 $X^2 = 4,0385$ $P(X^2) = 0,9089$

X[i]	F[i]	NP[i]
1	71	74,6652
2	58	58,0359
3	46	43,4222
4	36	31,5333
5	23	22,357
6	16	15,5416
7	11	10,6273
8	4	7,1659
9	3	4,7742
10	4	3,1477
11	1	2,0563
12	0	1,3326
13	2	0,8573
14	1	0,548
15	0	0,3483

Input data: Malciki_5er.dat*
 Distribution: Hyperpascal (k,m,q)
 Sample size: 167
 Method 2 of 2
 Parameters:
 k = 0,74494131299801
 m = 0,823518967007705
 q = 0,636739104721744
 DF = 6
 $X^2 = 2,8827$ $P(X^2) = 0,8234$

F[i]	NP[i]	X[i]*	F[i]	NP[i]
0	0,2202	1	71	66,5651
1	0,3671	2	34	38,3404
		3	23	23,3608
		4	14	14,4608
		5	8	9,0185
		6	6	5,6489
		7	6	3,5483
		8	2	2,2334
		9	1	1,4078
		10	1	0,8884
		11	0	0,5612
		12	0	0,3547
		13	1	0,6117

Texte: russisch (Satzdefinition 2)

Input data: Zapiski_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 572
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,88360446428078
 p = 0,152928003321876
 DF =39
 $X^2 = 46,0087$ $P(X^2) = 0,2047$

Input data: Nevskij_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 607
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,01649571722868
 p = 0,107640202421146
 DF =57
 $X^2 = 68,0624$ $P(X^2) = 0,1498$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	6	16,65	41	1	0,605	1	4	6,779	41	3	3,085	81	0	0,065
2	15	26,56	42	0	0,524	2	4	12,2	42	1	2,821	82	0	0,059
3	41	32,44	43	1	0,453	3	16	16,42	43	3	2,578	83	0	0,053
4	39	35,57	44	1	0,392	4	21	19,61	44	1	2,355	84	1	0,048
5	48	36,78	45	0	0,339	5	24	21,95	45	3	2,15	85	0	0,043
6	46	36,67	46	0	0,292	6	29	23,57	46	1	1,962	86	0	0,039
7	41	35,63	47	1	0,252	7	23	24,6	47	3	1,789	87	0	0,035
8	30	33,99	48	0	0,218	8	28	25,14	48	3	1,631	88	0	0,032
9	37	31,97	49	0	0,188	9	29	25,28	49	1	1,487	89	0	0,029
10	26	29,74	50	0	0,162	10	32	25,11	50	0	1,354	90	0	0,026
11	25	27,42	51	0	0,14	11	24	24,68	51	1	1,233	91	0	0,023
12	22	25,09	52	2	0,12	12	26	24,06	52	3	1,122	92	0	0,021
13	25	22,82	53	0	0,104	13	15	23,29	53	0	1,021	93	1	0,019
14	14	20,65	54	0	0,089	14	29	22,41	54	0	0,929	94	0	0,017
15	16	18,59	55	0	0,077	15	21	21,45	55	1	0,844	95	0	0,016
16	13	16,68	56	0	0,066	16	12	20,44	56	2	0,767	96	0	0,014
17	17	14,91	57	1	0,404	17	23	19,4	57	0	0,697	97	0	0,013
18	10	13,28				18	24	18,34	58	0	0,633	98	0	0,011
19	9	11,8				19	21	17,29	59	0	0,575	99	0	0,01
20	16	10,46				20	12	16,26	60	1	0,522	100	0	0,009
21	7	9,255				21	10	15,24	61	1	0,474	101	0	0,008
22	9	8,17				22	13	14,26	62	0	0,43	102	0	0,008
23	3	7,198				23	11	13,31	63	1	0,39	103	0	0,007
24	4	6,332				24	15	12,41	64	1	0,353	104	0	0,006
25	6	5,561				25	7	11,54	65	1	0,32	105	0	0,006
26	7	4,877				26	8	10,72	66	0	0,29	106	0	0,005
27	4	4,272				27	14	9,937	67	0	0,263	107	1	0,045
28	4	3,737				28	8	9,201	68	0	0,238			
29	2	3,265				29	3	8,509	69	0	0,216			
30	4	2,85				30	11	7,859	70	1	0,195			
31	4	2,485				31	10	7,251	71	0	0,177			
32	2	2,165				32	4	6,682	72	0	0,16			
33	4	1,885				33	9	6,153	73	0	0,145			
34	2	1,639				34	3	5,659	74	1	0,131			
35	2	1,425				35	6	5,201	75	0	0,119			
36	2	1,237				36	3	4,776	76	0	0,107			
37	2	1,074				37	6	4,382	77	0	0,097			
38	1	0,931				38	9	4,018	78	0	0,088			
39	0	0,807				39	2	3,682	79	0	0,079			
40	0	0,699				40	2	3,371	80	0	0,072			

Input data: Nos_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 493
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,61384228851248
 p = 0,10047489575663
 DF =52
 $X^2 = 52,5538$ $P(X^2) = 0,4524$

Input data: NosK1_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 69
 Best method is
 Method 3 of 3
 Parameters:
 k = 2,06173017781021
 p = 0,128263685467262
 DF =28
 $X^2 = 26,4960$ $P(X^2) = 0,5458$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	8	12,09	41	3	1,904	81	0	0,042	1	0	1	36	2	0,358
2	16	17,55	42	1	1,739	82	0	0,038	2	4	1,797	37	1	0,322
3	22	20,63	43	0	1,587	83	0	0,034	3	6	2,399	38	0	0,288
4	19	22,35	44	0	1,448	84	0	0,031	4	2	2,831	39	0	0,259
5	28	23,19	45	1	1,32	85	0	0,028	5	1	3,123	40	0	0,232
6	33	23,42	46	2	1,204	86	0	0,026	6	4	3,3	41	1	1,902
7	26	23,23	47	1	1,097	87	1	0,023	7	1	3,386			
8	21	22,72	48	0	1	88	1	0,021	8	5	3,4			
9	26	22,01	49	0	0,911	89	0	0,019	9	1	3,357			
10	20	21,15	50	1	0,83	90	0	0,017	10	3	3,271			
11	21	20,19	51	0	0,756	91	0	0,016	11	3	3,155			
12	11	19,18	52	0	0,688	92	0	0,014	12	4	3,015			
13	14	18,13	53	0	0,626	93	0	0,013	13	1	2,861			
14	14	17,08	54	1	0,57	94	0	0,012	14	3	2,698			
15	18	16,04	55	0	0,518	95	0	0,011	15	5	2,53			
16	12	15,02	56	0	0,471	96	0	0,01	16	2	2,362			
17	17	14,03	57	1	0,429	97	1	0,09	17	3	2,196			
18	10	13,07	58	1	0,39				18	1	2,033			
19	12	12,16	59	0	0,354				19	3	1,877			
20	14	11,29	60	0	0,322				20	2	1,728			
21	9	10,47	61	0	0,293				21	1	1,586			
22	12	9,692	62	0	0,266				22	2	1,453			
23	9	8,961	63	1	0,242				23	2	1,327			
24	6	8,276	64	0	0,219				24	0	1,211			
25	7	7,635	65	0	0,199				25	0	1,102			
26	10	7,037	66	0	0,181				26	0	1,002			
27	5	6,479	67	0	0,164				27	1	0,909			
28	5	5,961	68	1	0,149				28	2	0,823			
29	9	5,479	69	0	0,135				29	1	0,745			
30	1	5,033	70	0	0,123				30	1	0,673			
31	9	4,62	71	0	0,111				31	0	0,608			
32	7	4,238	72	0	0,101				32	0	0,548			
33	3	3,885	73	0	0,092				33	0	0,493			
34	2	3,56	74	0	0,083				34	0	0,444			
35	1	3,26	75	0	0,076				35	1	0,399			
36	6	2,984	76	1	0,068									
37	4	2,73	77	0	0,062									
38	2	2,496	78	0	0,056									
39	3	2,282	79	0	0,051									
40	3	2,085	80	0	0,046									

Input data: NosK2_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 371
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,60812253940252
 p = 0,10016401967788
 DF =49
 $X^2 = 64,1588$ $P(X^2) = 0,0718$

Input data: NosK3_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 53
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,93294801221344
 p = 0,110520573708376
 DF =28
 $X^2 = 16,4230$ $P(X^2) = 0,9591$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	6	9,171	41	2	1,435	81	0	0,032	1	2	0,75	41	0	0,227
2	11	13,27	42	1	1,311	82	0	0,029	2	1	1,29	42	0	0,207
3	14	15,57	43	0	1,196	83	0	0,026	3	2	1,683	43	0	0,188
4	15	16,85	44	0	1,092	84	0	0,024	4	2	1,963	44	0	0,171
5	25	17,47	45	0	0,996	85	0	0,022	5	2	2,153	45	1	0,155
6	25	17,63	46	2	0,908	86	0	0,02	6	4	2,272	46	0	0,141
7	25	17,47	47	0	0,828	87	1	0,018	7	0	2,335	47	1	1,341
8	14	17,09	48	0	0,755	88	1	0,016	8	2	2,354			
9	22	16,55	49	0	0,688	89	0	0,015	9	3	2,338			
10	15	15,9	50	1	0,627	90	0	0,013	10	2	2,295			
11	18	15,17	51	0	0,571	91	0	0,012	11	0	2,232			
12	4	14,41	52	0	0,52	92	0	0,011	12	3	2,154			
13	9	13,62	53	0	0,473	93	0	0,01	13	4	2,065			
14	10	12,83	54	1	0,431	94	0	0,009	14	1	1,968			
15	12	12,05	55	0	0,392	95	0	0,008	15	1	1,867			
16	9	11,28	56	0	0,357	96	0	0,007	16	1	1,764			
17	13	10,54	57	1	0,324	97	1	0,069	17	1	1,661			
18	7	9,82	58	1	0,295				18	2	1,558			
19	9	9,135	59	0	0,268				19	0	1,458			
20	10	8,483	60	0	0,244				20	2	1,36			
21	6	7,865	61	0	0,222				21	2	1,267			
22	8	7,282	62	0	0,201				22	2	1,177			
23	6	6,734	63	1	0,183				23	1	1,091			
24	5	6,22	64	0	0,166				24	1	1,01			
25	6	5,739	65	0	0,151				25	1	0,933			
26	7	5,29	66	0	0,137				26	3	0,861			
27	3	4,871	67	0	0,125				27	1	0,793			
28	3	4,482	68	1	0,113				28	0	0,73			
29	7	4,121	69	0	0,103				29	1	0,671			
30	0	3,786	70	0	0,093				30	0	0,616			
31	9	3,475	71	0	0,085				31	0	0,565			
32	6	3,189	72	0	0,077				32	1	0,518			
33	2	2,924	73	0	0,07				33	1	0,474			
34	2	2,679	74	0	0,063				34	0	0,433			
35	0	2,454	75	0	0,057				35	0	0,396			
36	3	2,247	76	1	0,052				36	1	0,362			
37	3	2,056	77	0	0,047				37	0	0,33			
38	2	1,88	78	0	0,043				38	0	0,301			
39	3	1,719	79	0	0,039				39	0	0,274			
40	2	1,571	80	0	0,035				40	1	0,25			

Input data: BL_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 400
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,29537614694442
 p = 0,099121431524429
 DF =44
 $X^2 = 26,6139$ $P(X^2) = 0,9822$

Input data: Me_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 515
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,72033660884394
 p = 0,100915986914564
 DF =54
 $X^2 = 54,0698$ $P(X^2) = 0,4717$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	17	20,03	42	1	0,929	1	5	9,961	42	1	2,051	83	0	0,043
2	24	23,38	43	0	0,843	2	24	15,41	43	1	1,876	84	0	0,039
3	27	24,17	44	1	0,765	3	20	18,84	44	3	1,715	85	0	0,035
4	28	23,92	45	1	0,693	4	23	21,01	45	1	1,567	86	0	0,032
5	25	23,14	46	1	0,629	5	22	22,29	46	1	1,432	87	0	0,029
6	16	22,08	47	1	0,57	6	22	22,93	47	0	1,307	88	1	0,026
7	20	20,87	48	0	0,517	7	19	23,09	48	0	1,193	89	0	0,024
8	20	19,59	49	1	0,468	8	21	22,89	49	0	1,089	90	0	0,022
9	15	18,3	50	1	0,425	9	17	22,44	50	3	0,994	91	0	0,02
10	18	17,03	51	0	0,385	10	14	21,79	51	1	0,906	92	0	0,018
11	16	15,79	52	0	0,349	11	13	21	52	1	0,826	93	0	0,016
12	18	14,61	53	0	0,316	12	26	20,12	53	0	0,753	94	0	0,015
13	12	13,49	54	0	0,286	13	26	19,17	54	0	0,686	95	0	0,013
14	12	12,43	55	0	0,259	14	26	18,19	55	0	0,625	96	0	0,012
15	10	11,43	56	1	2,471	15	16	17,2	56	1	0,57	97	0	0,011
16	11	10,5				16	17	16,2	57	0	0,519	98	0	0,01
17	11	9,634				17	22	15,23	58	0	0,472	99	0	0,009
18	7	8,83				18	18	14,27	59	1	0,43	100	0	0,008
19	8	8,085				19	8	13,34	60	2	0,391	101	0	0,007
20	9	7,397				20	14	12,45	61	1	0,356	102	0	0,007
21	10	6,762				21	11	11,6	62	0	0,324	103	0	0,006
22	8	6,177				22	12	10,78	63	0	0,295	104	0	0,005
23	5	5,64				23	7	10,01	64	0	0,268	105	0	0,005
24	7	5,146				24	10	9,285	65	1	0,244	106	0	0,004
25	1	4,693				25	10	8,599	66	1	0,221	107	0	0,004
26	2	4,278				26	5	7,954	67	0	0,201	108	0	0,004
27	3	3,898				27	7	7,349	68	0	0,183	109	0	0,003
28	5	3,55				28	7	6,784	69	1	0,166	110	0	0,003
29	1	3,232				29	6	6,256	70	0	0,151	111	0	0,003
30	3	2,941				30	8	5,764	71	1	0,137	112	0	0,002
31	4	2,675				31	4	5,307	72	0	0,125	113	0	0,002
32	1	2,433				32	3	4,883	73	0	0,113	114	0	0,002
33	2	2,212				33	4	4,489	74	0	0,103	115	0	0,002
34	3	2,011				34	6	4,124	75	0	0,093	116	0	0,002
35	2	1,827				35	5	3,786	76	0	0,085	117	0	0,002
36	4	1,66				36	3	3,474	77	0	0,077	118	0	0,001
37	2	1,508				37	4	3,186	78	1	0,07	119	0	0,001
38	0	1,369				38	3	2,92	79	0	0,063	120	0	0,001
39	1	1,243				39	2	2,675	80	0	0,057	121	0	0,001
40	2	1,128				40	0	2,45	81	0	0,052	122	0	0,00
41	2	1,024				41	1	2,242	82	0	0,047	123	1	0,008

Input data: MeK1_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 44
 Best method is
 Method 3 of 3
 Parameters:
 k = 1,84707806734544
 p = 0,0981090053514381
 DF =27
 $X^2 = 21,1146$ $P(X^2) = 0,7809$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	0,604	41	0	0,238
2	3	1,006	42	0	0,22
3	2	1,292	43	0	0,202
4	0	1,494	44	0	0,186
5	1	1,633	45	0	0,171
6	2	1,722	46	0	0,157
7	3	1,773	47	0	0,144
8	1	1,792	48	0	0,132
9	1	1,787	49	0	0,121
10	1	1,764	50	1	0,111
11	1	1,726	51	0	0,102
12	1	1,676	52	0	0,094
13	3	1,618	53	0	0,086
14	3	1,555	54	0	0,079
15	0	1,487	55	0	0,072
16	2	1,417	56	0	0,066
17	3	1,345	57	0	0,06
18	2	1,274	58	0	0,055
19	1	1,203	59	0	0,051
20	0	1,133	60	0	0,046
21	2	1,065	61	0	0,042
22	1	1	62	0	0,039
23	1	0,936	63	0	0,035
24	0	0,876	64	0	0,032
25	1	0,818	65	0	0,03
26	2	0,762	66	0	0,027
27	3	0,71	67	0	0,025
28	0	0,66	68	0	0,023
29	0	0,614	69	1	0,233
30	0	0,57			
31	0	0,528			
32	0	0,489			
33	0	0,453			
34	1	0,419			
35	0	0,387			
36	1	0,358			
37	0	0,33			
38	0	0,305			
39	0	0,281			
40	0	0,259			

Input data: MeK2_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 37
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,0063206544871
 p = 0,118580997866989
 DF =23
 $X^2 = 16,2671$ $P(X^2) = 0,8436$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	0,513	41	0	0,138
2	2	0,908	42	0	0,125
3	2	1,203	43	0	0,112
4	1	1,416	44	0	0,101
5	1	1,562	45	0	0,091
6	1	1,654	46	1	0,082
7	0	1,702	47	0	0,074
8	0	1,716	48	0	0,067
9	2	1,703	49	0	0,06
10	2	1,668	50	1	0,524
11	2	1,619			
12	1	1,557			
13	3	1,488			
14	4	1,413			
15	1	1,335			
16	2	1,255			
17	1	1,176			
18	2	1,098			
19	0	1,022			
20	2	0,948			
21	1	0,878			
22	1	0,811			
23	0	0,748			
24	1	0,688			
25	1	0,632			
26	0	0,579			
27	0	0,53			
28	0	0,485			
29	1	0,443			
30	1	0,404			
31	0	0,368			
32	0	0,335			
33	0	0,304			
34	0	0,276			
35	0	0,251			
36	0	0,227			
37	0	0,206			
38	0	0,187			
39	0	0,169			
40	0	0,153			

Input data: MeK3_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 47
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,33668383652814
 p = 0,0750325445362791
 DF =28
 $X^2 = 34,3595$ $P(X^2) = 0,1893$

Input data: MeK4_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 35
 Best method is
 Method 3 of 3
 Parameters:
 k = 0,941714367760613
 p = 0,0514719333431727
 DF =23
 $X^2 = 19,0152$ $P(X^2) = 0,7003$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	1,475	42	0	0,237	83	0	0,012	1	0	2,142	42	0	0,19
2	4	1,823	43	0	0,221	84	0	0,011	2	1	1,913	43	0	0,18
3	0	1,97	44	0	0,206	85	0	0,011	3	1	1,762	44	1	0,171
4	2	2,027	45	0	0,192	86	0	0,01	4	3	1,639	45	0	0,162
5	3	2,033	46	0	0,179	87	0	0,009	5	1	1,532	46	0	0,153
6	1	2,007	47	0	0,167	88	0	0,008	6	3	1,436	47	0	0,145
7	1	1,96	48	0	0,155	89	0	0,008	7	3	1,349	48	0	0,138
8	1	1,9	49	0	0,145	90	0	0,007	8	1	1,269	49	0	0,13
9	3	1,832	50	0	0,135	91	0	0,007	9	1	1,195	50	1	0,124
10	3	1,758	51	0	0,125	92	0	0,006	10	0	1,126	51	0	0,117
11	0	1,681	52	0	0,117	93	0	0,006	11	1	1,062	52	0	0,111
12	5	1,602	53	0	0,109	94	0	0,005	12	1	1,002	53	0	0,105
13	1	1,524	54	0	0,101	95	0	0,005	13	4	0,945	54	0	0,1
14	1	1,446	55	0	0,094	96	0	0,005	14	1	0,893	55	0	0,094
15	2	1,369	56	0	0,088	97	0	0,004	15	1	0,843	56	0	0,089
16	1	1,295	57	0	0,082	98	0	0,004	16	0	0,797	57	0	0,085
17	1	1,223	58	0	0,076	99	0	0,004	17	0	0,753	58	0	0,08
18	2	1,154	59	0	0,071	100	0	0,003	18	1	0,712	59	0	0,076
19	0	1,087	60	0	0,066	101	0	0,003	19	1	0,673	60	0	0,072
20	3	1,023	61	0	0,061	102	0	0,003	20	0	0,636	61	1	0,068
21	1	0,963	62	0	0,057	103	0	0,003	21	1	0,602	62	0	0,065
22	0	0,905	63	0	0,053	104	0	0,003	22	0	0,569	63	0	0,061
23	0	0,85	64	0	0,049	105	0	0,002	23	0	0,539	64	0	0,058
24	2	0,797	65	0	0,046	106	0	0,002	24	0	0,51	65	1	0,055
25	0	0,748	66	0	0,043	107	0	0,002	25	0	0,482	66	0	0,052
26	0	0,701	67	0	0,04	108	0	0,002	26	1	0,456	67	0	0,049
27	0	0,657	68	0	0,037	109	0	0,002	27	1	0,432	68	0	0,047
28	1	0,615	69	0	0,034	110	0	0,002	28	0	0,409	69	0	0,044
29	0	0,576	70	0	0,032	111	0	0,002	29	0	0,387	70	0	0,042
30	0	0,539	71	0	0,03	112	0	0,001	30	0	0,366	71	1	0,765
31	2	0,504	72	0	0,027	113	0	0,001	31	1	0,347			
32	1	0,471	73	0	0,026	114	0	0,001	32	1	0,328			
33	1	0,44	74	0	0,024	115	0	0,001	33	0	0,311			
34	2	0,412	75	0	0,022	116	0	0,001	34	0	0,294			
35	0	0,384	76	0	0,02	117	0	0,001	35	1	0,279			
36	1	0,359	77	0	0,019	118	0	0	36	0	0,264			
37	1	0,335	78	0	0,018	119	0	0	37	0	0,25			
38	0	0,313	79	0	0,016	120	0	0	38	0	0,237			
39	0	0,292	80	0	0,015	121	0	0	39	0	0,224			
40	0	0,272	81	0	0,014	122	0	0	40	0	0,212			
41	0	0,254	82	0	0,013	123	1	0,009	41	0	0,201			

Input data: MeK5_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 22
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,51332708477658
 p = 0,0994472167566826
 DF =14
 $X^2 = 9,3144$ $P(X^2) = 0,8104$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	0,0665	42	0	0,1953
2	0	0,1506	43	0	0,1822
3	1	0,2382	44	1	0,1699
4	0	0,3228	45	1	0,1582
5	1	0,4006	46	0	0,1473
6	0	0,47	47	0	0,137
7	1	0,53	48	0	0,1274
8	1	0,5805	49	0	0,1183
9	1	0,6216	50	0	0,1098
10	0	0,654	51	0	0,1019
11	0	0,678	52	0	0,0945
12	0	0,6946	53	0	0,0876
13	0	0,7044	54	0	0,0811
14	3	0,7082	55	0	0,0751
15	0	0,7067	56	1	0,0695
16	0	0,7007	57	0	0,0643
17	1	0,6907	58	0	0,0594
18	1	0,6774	59	0	0,0549
19	1	0,6613	60	1	0,6347
20	0	0,6429			
21	2	0,6228			
22	0	0,6013			
23	0	0,5787			
24	0	0,5555			
25	2	0,5318			
26	0	0,5079			
27	0	0,484			
28	0	0,4603			
29	0	0,4369			
30	1	0,414			
31	0	0,3916			
32	0	0,3699			
33	1	0,3489			
34	0	0,3286			
35	0	0,3091			
36	0	0,2904			
37	0	0,2725			
38	0	0,2554			
39	1	0,2392			
40	0	0,2238			
41	0	0,2091			

Input data: MeK6_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 134
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,5820246460854
 p = 0,0951273874744115
 DF =40
 $X^2 = 36,8872$ $P(X^2) = 0,6112$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	3,2416	42	1	0,5299
2	8	4,6404	43	0	0,4861
3	5	5,421	44	1	0,4458
4	3	5,857	45	0	0,4088
5	6	6,071	46	0	0,3747
6	4	6,1329	47	0	0,3433
7	7	6,0878	48	0	0,3145
8	9	5,9667	49	0	0,288
9	5	5,7919	50	0	0,2637
10	3	5,5799	51	0	0,2414
11	2	5,343	52	1	0,2209
12	7	5,0905	53	0	0,2022
13	5	4,8297	54	0	0,1849
14	6	4,5659	55	0	0,1692
15	5	4,3033	56	0	0,1547
16	3	4,0451	57	0	0,1414
17	7	3,7934	58	0	0,1293
18	8	3,5501	59	1	0,1182
19	1	3,3162	60	1	0,108
20	2	3,0927	61	0	0,0986
21	0	2,8799	62	0	0,0901
22	4	2,6782	63	0	0,0823
23	3	2,4875	64	0	0,0752
24	4	2,3079	65	0	0,0686
25	2	2,139	66	0	0,0627
26	0	1,9806	67	0	0,0572
27	1	1,8323	68	0	0,0522
28	1	1,6937	69	0	0,0476
29	2	1,5644	70	0	0,0435
30	1	1,444	71	0	0,0397
31	1	1,332	72	0	0,0362
32	0	1,2279	73	0	0,033
33	2	1,1313	74	0	0,0301
34	2	1,0418	75	0	0,0275
35	3	0,9588	76	0	0,025
36	1	0,882	77	0	0,0228
37	0	0,811	78	1	0,2337
38	1	0,7454			
39	1	0,6848			
40	0	0,6289			
41	0	0,5774			

Input data: MeK7_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 52
 Best method is
 Method 1 of 3
 Parameters:
 k = 0,993721341203233
 p = 0,0634123894992291
 DF =27
 $X^2 = 19,2153$ $P(X^2) = 0,8620$

Input data: MeK8_1er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 44
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,65046862535222
 p = 0,151653785469135
 DF =23
 $X^2 = 30,2204$ $P(X^2) = 0,1432$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
41	0	0,2377	81	0	0,0172	1	0	0,2967
42	0	0,2226	82	0	0,0161	2	1	0,6672
43	1	0,2084	83	0	0,0151	3	4	1,033
44	0	0,1952	84	0	0,0141	4	2	1,3585
45	0	0,1828	85	0	0,0132	5	1	1,628
46	0	0,1712	86	0	0,0124	6	3	1,837
47	0	0,1603	87	0	0,0116	7	1	1,9871
48	0	0,1501	88	1	0,1714	8	2	2,0833
49	0	0,1406				9	0	2,1319
50	0	0,1316				10	1	2,1403
51	1	0,1233				11	0	2,1154
52	0	0,1154				12	1	2,0638
53	0	0,1081				13	1	1,9917
54	0	0,1012				14	3	1,9041
55	0	0,0948				15	3	1,8058
56	0	0,0888				16	3	1,7005
57	0	0,0831				17	1	1,5914
58	0	0,0779				18	0	1,4812
59	0	0,0729				19	2	1,3718
60	0	0,0683				20	2	1,2648
61	0	0,0639				21	1	1,1615
62	0	0,0599				22	3	1,0628
63	0	0,0561				23	2	0,9693
64	0	0,0525				24	0	0,8813
65	0	0,0492				25	0	0,7991
66	1	0,0461				26	0	0,7226
67	0	0,0431				27	0	0,652
68	0	0,0404				28	4	0,5869
69	0	0,0378				29	0	0,5272
70	0	0,0354				30	2	0,4727
71	0	0,0332				31	0	0,4231
72	0	0,0311				32	0	0,3781
73	0	0,0291				33	0	0,3373
74	0	0,0273				34	0	0,3004
75	0	0,0255				35	1	2,2719
76	0	0,0239						
77	0	0,0224						
78	0	0,021						
79	0	0,0196						
80	0	0,0184						

Input data: MeK9_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 32
 Best method is
 Method 1 of 3
 Parameters:
 k = 5,43976481776448
 p = 0,349785657074091
 DF =14
 $X^2 = 12,9236$ $P(X^2) = 0,5326$

X[i]	F[i]	NP[i]
1	0	0,1056
2	0	0,3734
3	1	0,7818
4	1	1,2606
5	2	1,7294
6	2	2,123
7	1	2,4018
8	0	2,5522
9	1	2,5804
10	2	2,5055
11	3	2,3524
12	3	2,1469
13	3	1,9125
14	4	1,6682
15	1	1,4287
16	0	1,2039
17	3	1
18	1	0,82
19	0	0,6647
20	1	0,5332
21	0	0,4236
22	0	0,3337
23	0	0,2608
24	0	0,2023
25	0	0,1559
26	0	0,1193
27	0	0,0908
28	0	0,0688
29	0	0,0518
30	0	0,0388
31	0	0,029
32	0	0,0216
33	0	0,016
34	0	0,0118
35	0	0,0087
36	0	0,0063
37	1	0,0046
38	1	0,0034
39	0	0,0024
40	0	0,0018

Input data: MeK10_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 27
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,18417524351392
 p = 0,119696255602073
 DF =17
 $X^2 = 10,2917$ $P(X^2) = 0,8909$

X[i]	F[i]	NP[i]
1	0	0,2617
2	1	0,5031
3	1	0,7051
4	1	0,8657
5	1	0,9877
6	1	1,0754
7	1	1,1335
8	2	1,1666
9	0	1,179
10	0	1,1744
11	0	1,1563
12	1	1,1275
13	2	1,0905
14	1	1,0474
15	3	1
16	0	0,9498
17	1	0,898
18	0	0,8456
19	1	0,7933
20	2	0,7419
21	2	0,6918
22	1	0,6433
23	0	0,5968
24	1	0,5524
25	1	0,5103
26	0	0,4705
27	0	0,433
28	0	0,3979
29	0	0,3651
30	1	0,3345
31	0	0,3061
32	0	0,2798
33	0	0,2554
34	1	0,2329
35	0	0,2121
36	0	0,1931
37	1	1,8227

Input data: MeK11_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 41
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,46653802453673
 p = 0,140073082370944
 DF =24
 $X^2 = 26,4028$ $P(X^2) = 0,3330$

X[i]	F[i]	NP[i]
1	0	0,3215
2	1	0,682
3	1	1,0165
4	4	1,3014
5	2	1,5295
6	1	1,701
7	0	1,8202
8	2	1,8932
9	2	1,9265
10	1	1,9266
11	1	1,8997
12	4	1,8514
13	1	1,7866
14	0	1,7097
15	0	1,6242
16	4	1,5332
17	2	1,4393
18	1	1,3445
19	0	1,2504
20	1	1,1582
21	1	1,069
22	1	0,9835
23	1	0,9021
24	1	0,8252
25	2	0,753
26	2	0,6855
27	1	0,6227
28	1	0,5646
29	1	0,5109
30	1	0,4616
31	0	0,4163
32	0	0,3749
33	0	0,3372
34	0	0,3029
35	0	0,2717
36	0	0,2434
37	1	1,9601

41 1 0,0045
 Input data: Markera_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 545
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,55120589086333
 p = 0,163435686582886
 DF =32
 $X^2 = 38,6183$ $P(X^2) = 0,1953$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	27	32,82	41	1	0,226
2	42	42,59	42	1	0,192
3	54	45,45	43	0	0,163
4	45	45,01	44	0	0,138
5	49	42,84	45	1	0,757
6	42	39,79			
7	27	36,34			
8	32	32,8			
9	29	29,33			
10	29	26,04			
11	20	22,98			
12	18	20,19			
13	14	17,67			
14	20	15,41			
15	13	13,39			
16	6	11,62			
17	21	10,05			
18	8	8,683			
19	6	7,486			
20	3	6,445			
21	6	5,54			
22	3	4,756			
23	4	4,079			
24	5	3,494			
25	4	2,99			
26	6	2,556			
27	1	2,184			
28	2	1,864			
29	0	1,59			
30	3	1,356			
31	0	1,155			
32	2	0,983			
33	1	0,837			
34	0	0,712			
35	0	0,605			
36	0	0,514			
37	0	0,437			
38	0	0,371			
39	0	0,315			
40	0	0,267			

Input data: Dama_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 315
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,2315909060714
 p = 0,0747938389416017
 DF =53
 $X^2 = 48,9100$ $P(X^2) = 0,6341$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	7	12,92	41	1	1,494
2	12	14,73	42	0	1,39
3	23	15,2	43	2	1,293
4	18	15,15	44	1	1,203
5	11	14,83	45	0	1,119
6	13	14,36	46	1	1,04
7	16	13,79	47	0	0,967
8	13	13,19	48	0	0,899
9	13	12,55	49	1	0,836
10	11	11,91	50	1	0,777
11	11	11,28	51	0	0,722
12	12	10,65	52	0	0,671
13	16	10,05	53	1	0,624
14	7	9,46	54	0	0,58
15	10	8,898	55	1	0,539
16	4	8,359	56	0	0,501
17	6	7,846	57	2	0,465
18	4	7,358	58	1	0,432
19	7	6,895	59	0	0,401
20	9	6,457	60	1	0,373
21	7	6,043	61	0	0,346
22	3	5,653	62	0	0,322
23	7	5,285	63	0	0,299
24	7	4,939	64	0	0,277
25	7	4,614	65	0	0,257
26	8	4,308	66	0	0,239
27	7	4,022	67	0	0,222
28	4	3,753	68	1	0,206
29	2	3,501	69	0	0,191
30	2	3,265	70	0	0,178
31	5	3,044	71	0	0,165
32	3	2,837	72	1	0,153
33	2	2,644	73	1	0,142
34	4	2,464	74	0	0,132
35	1	2,295	75	0	0,122
36	0	2,137	76	1	0,114
37	2	1,99	77	0	0,105
38	0	1,853	78	0	0,098
39	1	1,725	79	0	0,091
40	1	1,605	80	0	0,084
			81	1	0,078
			82	0	0,073
			83	0	0,067
			84	0	0,062
			85	0	0,058
			86	0	0,054
			87	0	0,05
			88	0	0,046
			89	0	0,043
			90	0	0,04
			91	0	0,037
			92	0	0,034
			93	0	0,032
			94	0	0,029
			95	0	0,027
			96	0	0,025
			97	0	0,024
			98	0	0,022
			99	0	0,02
			100	0	0,019
			101	0	0,017
			102	0	0,016
			103	0	0,015
			104	0	0,014
			105	0	0,013
			106	0	0,012
			107	0	0,011
			108	0	0,01
			109	0	0,01
			110	0	0,009
			111	0	0,008
			112	0	0,008
			113	0	0,007
			114	0	0,007
			115	0	0,006
			116	0	0,006
			117	1	0,071

Input data: DamaK1_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 45
 Best method is
 Method 3 of 3
 Parameters:
 k = 1,38448382621008
 p = 0,0632226718811502
 DF =30
 $X^2 = 22,3598$ $P(X^2) = 0,8406$

Input data: DamaK2_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 103
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,16617483586488
 p = 0,0774653409749941
 DF =36
 $X^2 = 48,8030$ $P(X^2) = 0,0754$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	0,984	41	0	0,338	1	2	5,216	41	0	0,414	81	0	0,018
2	4	1,276	42	0	0,32	2	4	5,612	42	0	0,383	82	0	0,017
3	2	1,426	43	1	0,302	3	12	5,607	43	0	0,355	83	0	0,016
4	0	1,507	44	0	0,286	4	8	5,459	44	0	0,329	84	0	0,015
5	0	1,547	45	0	0,27	5	2	5,246	45	0	0,304	85	0	0,013
6	1	1,561	46	0	0,255	6	5	5	46	0	0,282	86	0	0,012
7	3	1,556	47	0	0,241	7	5	4,741	47	0	0,261	87	0	0,012
8	1	1,537	48	0	0,227	8	5	4,477	48	0	0,241	88	0	0,011
9	3	1,509	49	1	0,215	9	4	4,216	49	0	0,224	89	0	0,01
10	1	1,474	50	0	0,203	10	2	3,961	50	0	0,207	90	0	0,009
11	0	1,434	51	0	0,191	11	6	3,715	51	0	0,192	91	0	0,008
12	0	1,39	52	0	0,181	12	4	3,479	52	0	0,177	92	0	0,008
13	2	1,344	53	0	0,171	13	6	3,254	53	1	0,164	93	0	0,007
14	0	1,297	54	0	0,161	14	3	3,04	54	0	0,152	94	0	0,007
15	1	1,248	55	0	0,152	15	3	2,838	55	0	0,141	95	0	0,006
16	1	1,199	56	0	0,143	16	0	2,647	56	0	0,13	96	0	0,006
17	3	1,15	57	0	0,135	17	0	2,468	57	1	0,12	97	0	0,005
18	2	1,102	58	0	0,127	18	0	2,299	58	0	0,111	98	0	0,005
19	2	1,054	59	0	0,12	19	0	2,14	59	0	0,103	99	0	0,005
20	1	1,008	60	0	0,113	20	4	1,992	60	1	0,095	100	0	0,004
21	1	0,962	61	0	0,107	21	2	1,853	61	0	0,088	101	0	0,004
22	0	0,918	62	0	0,101	22	1	1,723	62	0	0,082	102	0	0,004
23	2	0,875	63	0	0,095	23	4	1,601	63	0	0,075	103	0	0,003
24	2	0,833	64	0	0,089	24	1	1,488	64	0	0,07	104	0	0,003
25	1	0,793	65	0	0,084	25	4	1,382	65	0	0,065	105	0	0,003
26	2	0,754	66	0	0,079	26	3	1,284	66	0	0,06	106	0	0,003
27	1	0,717	67	0	0,075	27	1	1,192	67	0	0,055	107	0	0,002
28	1	0,681	68	1	0,071	28	2	1,106	68	0	0,051	108	0	0,002
29	0	0,647	69	0	0,066	29	1	1,027	69	0	0,047	109	0	0,002
30	0	0,614	70	0	0,063	30	0	0,952	70	0	0,044	110	0	0,002
31	1	0,583	71	0	0,059	31	2	0,884	71	0	0,04	111	0	0,002
32	1	0,553	72	0	0,056	32	1	0,819	72	0	0,037	112	0	0,002
33	0	0,524	73	1	0,885	33	0	0,76	73	0	0,035	113	0	0,002
34	0	0,496				34	0	0,705	74	0	0,032	114	0	0,001
35	1	0,47				35	0	0,653	75	0	0,03	115	0	0,001
36	0	0,445				36	0	0,605	76	1	0,027	116	0	0,001
37	0	0,422				37	1	0,561	77	0	0,025	117	1	0,014
38	0	0,399				38	0	0,52	78	0	0,023			
39	0	0,378				39	0	0,482	79	0	0,022			
40	1	0,357				40	0	0,446	80	0	0,02			

Input data: DamaK3_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 113
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,35314156984121
 p = 0,0846855707290606
 DF =38
 $X^2 = 25,7440$ $P(X^2) = 0,9351$

Input data: DamaK4_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 54
 Best method is
 Method 3 of 3
 Parameters:
 k = 1,45829740758187
 p = 0,0824209342202075
 DF =30
 $X^2 = 12,8342$ $P(X^2) = 0,9974$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	4,0018	41	1	0,4826	1	2	1,4179	42	0	0,2603
2	2	4,9564	42	0	0,4455	2	2	1,8973	43	0	0,2414
3	8	5,3377	43	1	0,4112	3	1	2,1399	44	0	0,2239
4	7	5,4608	44	1	0,3795	4	3	2,2635	45	0	0,2076
5	7	5,4396	45	0	0,3502	5	2	2,3149	46	0	0,1924
6	3	5,3306	46	1	0,323	6	4	2,3188	47	0	0,1783
7	5	5,1664	47	0	0,2979	7	3	2,2902	48	0	0,1652
8	5	4,9674	48	0	0,2748	8	2	2,239	49	0	0,153
9	4	4,7475	49	0	0,2533	9	2	2,1722	50	0	0,1417
10	6	4,5159	50	1	0,2336	10	2	2,0946	51	0	0,1313
11	3	4,2795	51	0	0,2153	11	2	2,0101	52	0	0,1215
12	7	4,0428	52	0	0,1984	12	1	1,9212	53	0	0,1125
13	5	3,8093	53	0	0,1828	13	3	1,8302	54	0	0,1041
14	3	3,5815	54	0	0,1685	14	1	1,7386	55	0	0,0963
15	5	3,3608	55	1	0,1552	15	1	1,6475	56	0	0,0891
16	2	3,1487	56	0	0,143	16	1	1,5579	57	1	0,0825
17	3	2,9456	57	0	0,1317	17	0	1,4704	58	0	0,0763
18	1	2,7522	58	1	0,1213	18	1	1,3856	59	0	0,0705
19	2	2,5685	59	0	0,1117	19	3	1,3038	60	0	0,0652
20	2	2,3947	60	0	0,1029	20	2	1,2252	61	0	0,0603
21	3	2,2306	61	0	0,0947	21	1	1,15	62	0	0,0557
22	0	2,076	62	0	0,0872	22	2	1,0782	63	0	0,0515
23	0	1,9307	63	0	0,0803	23	1	1,01	64	0	0,0476
24	4	1,7944	64	0	0,0739	24	0	0,9452	65	0	0,044
25	1	1,6666	65	0	0,068	25	1	0,8838	66	0	0,0407
26	3	1,547	66	0	0,0626	26	0	0,8259	67	0	0,0376
27	3	1,4352	67	0	0,0576	27	2	0,7711	68	0	0,0347
28	1	1,3309	68	0	0,053	28	0	0,7196	69	0	0,0321
29	1	1,2335	69	0	0,0487	29	0	0,6711	70	0	0,0296
30	1	1,1428	70	0	0,0448	30	1	0,6255	71	0	0,0274
31	1	1,0583	71	0	0,0413	31	1	0,5827	72	1	0,3268
32	0	0,9797	72	0	0,0379	32	1	0,5426			
33	2	0,9067	73	0	0,0349	33	0	0,505			
34	2	0,8388	74	0	0,0321	34	2	0,4698			
35	0	0,7757	75	0	0,0295	35	0	0,4369			
36	0	0,7172	76	0	0,0271	36	0	0,4061			
37	0	0,6629	77	0	0,025	37	1	0,3774			
38	0	0,6125	78	0	0,023	38	0	0,3506			
39	0	0,5659	79	0	0,0211	39	1	0,3256			
40	0	0,5226	80	0	0,0194	40	0	0,3023			
			81	1	0,2199	41	0	0,2805			

Input data: Futljar_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 256
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,58876898009387
 p = 0,0970829541555117
 DF =46
 $X^2 = 33,6185$ $P(X^2) = 0,9127$

Input data: Malciki_1er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 148
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,41867888736429
 p = 0,113850002239503
 DF =33
 $X^2 = 32,9545$ $P(X^2) = 0,4695$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	6,296	41	0	1,054	81	0	0,027	1	4	6,784	41	0	0,287
2	9	9,031	42	1	0,965	82	0	0,024	2	9	8,529	42	1	0,257
3	13	10,56	43	1	0,884	83	1	0,24	3	11	9,14	43	0	0,23
4	13	11,4	44	0	0,809				4	14	9,23	44	0	0,206
5	13	11,81	45	0	0,74				5	5	9,035	45	0	0,184
6	13	11,92	46	1	0,677				6	12	8,677	46	0	0,165
7	12	11,82	47	1	0,619				7	12	8,226	47	0	0,147
8	7	11,57	48	1	0,566				8	7	7,725	48	1	0,132
9	10	11,21	49	1	0,517				9	3	7,204	49	0	0,118
10	12	10,79	50	0	0,473				10	8	6,681	50	0	0,105
11	10	10,31	51	0	0,432				11	3	6,168	51	0	0,094
12	15	9,81	52	0	0,394				12	4	5,674	52	0	0,084
13	8	9,292	53	0	0,36				13	9	5,203	53	0	0,075
14	10	8,77	54	1	0,329				14	6	4,759	54	0	0,067
15	7	8,252	55	0	0,3				15	2	4,344	55	0	0,06
16	7	7,743	56	0	0,274				16	4	3,957	56	0	0,053
17	12	7,249	57	0	0,25				17	1	3,598	57	0	0,048
18	8	6,772	58	0	0,228				18	5	3,267	58	0	0,043
19	6	6,314	59	1	0,208				19	0	2,962	59	0	0,038
20	2	5,878	60	0	0,19				20	3	2,683	60	0	0,034
21	6	5,464	61	0	0,173				21	1	2,427	61	0	0,03
22	8	5,071	62	0	0,158				22	1	2,194	62	0	0,027
23	4	4,702	63	0	0,144				23	1	1,981	63	0	0,024
24	3	4,354	64	0	0,131				24	1	1,787	64	0	0,022
25	3	4,028	65	2	0,119				25	4	1,611	65	1	0,176
26	5	3,722	66	1	0,109				26	2	1,452			
27	4	3,437	67	0	0,099				27	2	1,307			
28	0	3,171	68	0	0,09				28	1	1,176			
29	3	2,923	69	0	0,082				29	1	1,058			
30	4	2,693	70	0	0,075				30	1	0,951			
31	3	2,479	71	0	0,068				31	1	0,855			
32	0	2,281	72	0	0,062				32	0	0,768			
33	3	2,098	73	0	0,056				33	3	0,689			
34	3	1,928	74	0	0,051				34	2	0,618			
35	2	1,771	75	0	0,047				35	0	0,555			
36	1	1,626	76	0	0,043				36	1	0,497			
37	2	1,492	77	0	0,039				37	1	0,446			
38	1	1,369	78	0	0,035				38	0	0,4			
39	1	1,255	79	0	0,032				39	0	0,358			
40	0	1,15	80	0	0,029				40	0	0,321			

Input data: Zapiski_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 572
 Method 1 of 3
 Parameters:
 k = 1,86974871846089
 p = 0,270742302869359
 DF =21
 X² = 38,4665 P(X²) = 0,0114

Input data: Nevskij_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 607
 Method 1 of 3
 Parameters:
 k = 2,05343981688106
 p = 0,204028706107118
 DF =31
 X² = 43,1693 P(X²) = 0,0718

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	21	49,71	21	1	1,332	1	8	23,21	21	4	5,846	41	0	0,123
2	80	67,78	22	2	1,011	2	37	37,94	22	4	4,887	42	1	0,101
3	94	70,92	23	0	0,767	3	53	46,1	23	4	4,076	43	0	0,082
4	71	66,71	24	1	0,58	4	51	49,58	24	6	3,393	44	0	0,067
5	63	59,23	25	0	0,438	5	61	49,86	25	1	2,819	45	0	0,055
6	47	50,71	26	2	0,331	6	50	48,05	26	4	2,339	46	0	0,044
7	39	42,34	27	0	0,249	7	44	44,96	27	0	1,937	47	1	0,036
8	29	34,71	28	0	0,188	8	33	41,17	28	3	1,602	48	0	0,029
9	27	28,07	29	1	0,563	9	47	37,09	29	0	1,323	49	0	0,024
10	25	22,45				10	33	32,98	30	1	1,091	50	0	0,02
11	16	17,79				11	23	29,01	31	1	0,899	51	0	0,016
12	7	14				12	26	25,3	32	2	0,74	52	0	0,013
13	13	10,95				13	15	21,91	33	1	0,608	53	0	0,01
14	8	8,52				14	22	18,85	34	0	0,5	54	1	0,045
15	6	6,599				15	14	16,14	35	1	0,41			
16	6	5,092				16	14	13,75	36	0	0,336			
17	6	3,915				17	12	11,66	37	1	0,276			
18	4	3,001				18	9	9,857	38	0	0,226			
19	3	2,294				19	15	8,305	39	0	0,185			
20	0	1,75				20	4	6,977	40	0	0,151			

Input data: Nos_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 493
 Method 1 of 3

Parameters:
 k = 1,62312560003089
 p = 0,190070014404885
 DF =28
 X² = 32,5907 P(X²) = 0,2511

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	24	33,299	16	16	8,7865	31	0	0,5637	46	0	0,0306
2	41	43,776	17	5	7,3936	32	1	0,4657	47	0	0,0251
3	61	46,502	18	7	6,2078	33	0	0,3846	48	0	0,0206
4	47	45,486	19	6	5,202	34	1	0,3174	49	1	0,0935
5	46	42,58	20	6	4,3514	35	0	0,2617			
6	32	38,784	21	4	3,6341	36	0	0,2158			
7	28	34,675	22	0	3,0307	37	0	0,1778			
8	30	30,584	23	3	2,5242	38	1	0,1464			
9	27	26,701	24	1	2,0998	39	0	0,1205			
10	26	23,123	25	1	1,7449	40	0	0,0992			
11	21	19,895	26	0	1,4484	41	0	0,0816			
12	15	17,026	27	1	1,2013	42	0	0,0671			
13	17	14,506	28	0	0,9954	43	0	0,0551			
14	10	12,312	29	2	0,8241	44	2	0,0453			
15	10	10,416	30	0	0,6818	45	0	0,0372			

Input data: NosK1_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 69
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,01004172864799
 p = 0,226637682522906
 DF =16
 $X^2 = 10,7658$ $P(X^2) = 0,8237$

Input data: NosK2_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 371
 Best method is
 Method 1 of 3
 min. size: 6
 k = 1,58224157566355
 p = 0,186804557421398
 DF =17
 $X^2 = 25,1580$ $P(X^2) = 0,0912$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	4	3,492	16	0	1,211	1	17	26,09	17	4	5,531	33	0	0,299
2	8	5,428	17	0	0,996	2	29	33,57	18	3	4,652	34	1	0,247
3	5	6,318	18	3	0,816	3	50	35,25	19	5	3,905	35	0	0,204
4	6	6,531	19	1	0,667	4	39	34,23	20	5	3,273	36	0	0,169
5	4	6,326	20	0	0,543	5	37	31,89	21	3	2,739	37	0	0,14
6	7	5,881	21	1	2,266	6	22	28,95	22	0	2,289	38	1	0,115
7	4	5,313				7	19	25,83	23	2	1,911	39	0	0,095
8	7	4,702				8	21	22,75	24	0	1,593	40	0	0,079
9	4	4,096				9	20	19,85	25	1	1,327	41	0	0,065
10	5	3,523				10	19	17,18	26	0	1,104	42	0	0,054
11	3	3				11	14	14,79	27	1	0,918	43	0	0,044
12	2	2,533				12	11	12,66	28	0	0,763	44	2	0,036
13	0	2,124				13	13	10,79	29	2	0,633	45	0	0,03
14	3	1,77				14	6	9,171	30	0	0,525	46	0	0,025
15	2	1,468				15	7	7,768	31	0	0,435	47	0	0,02
						16	15	6,562	32	1	0,361	48	0	0,017
												49	1	0,077

Input data: NosK3_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 53
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,98803799821535
 p = 0,205343311159335
 DF =17
 $X^2 = 8,1623$ $P(X^2) = 0,9630$

Input data: BL_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 400
 Best method is
 Method 2 of 3
 Parameters:
 k = 1,34700666357792
 p = 0,189413455917057
 DF =23
 $X^2 = 15,7712$ $P(X^2) = 0,8649$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	2,2775	15	1	1,3305	1	41	42,533	15	4	6,4068
2	4	3,598	16	1	1,1269	2	55	46,441	16	5	5,3134
3	6	4,2717	17	1	0,9508	3	41	44,175	17	5	4,4004
4	2	4,5125	18	1	0,7995	4	40	39,95	18	6	3,6397
5	5	4,4717	19	0	0,6702	5	33	35,192	19	2	3,0071
6	3	4,2556	20	1	0,5603	6	34	30,506	20	3	2,4821
7	5	3,9386	21	0	0,4672	7	24	26,158	21	3	2,0468
8	2	3,5716	22	0	0,3887	8	21	22,254	22	1	1,6866
9	3	3,1888	23	1	0,3228	9	18	18,822	23	2	1,3887
10	2	2,8122	24	1	1,51	10	17	15,845	24	1	1,1426
11	4	2,4555				11	18	13,289	25	2	0,9396
12	2	2,1265				12	12	11,112	26	0	0,7722
13	4	1,829				13	3	9,2676	27	0	0,6343

14 1 1,5639
 Input data: Me_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 515
 Best method is
 Method 1 of 3

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]
1	29	32,79	16	7	10,12	31
2	43	42,86	17	10	8,641	32
3	44	45,66	18	8	7,363	33
4	40	44,97	19	7	6,262	34
5	31	42,48	20	2	5,317	35
6	39	39,1	21	2	4,508	36
7	52	35,35	22	4	3,817	37
8	33	31,56	23	2	3,228	38
9	40	27,9	24	0	2,727	39
10	22	24,48	25	3	2,301	40
11	23	21,35	26	2	1,94	41
12	17	18,52	27	0	1,634	42
13	15	16	28	1	1,375	43
14	14	13,78	29	0	1,156	44
15	14	11,82	30	3	0,972	45

14 8 7,7127 28 1 2,8835
 Parameters:
 k = 1,58696080361336
 p = 0,1763268932462
 DF =30
 $X^2 = 32,2047$ $P(X^2) = 0,3581$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0,816	46	0	0,056	61	0	0,004	
2	0,685	47	0	0,047	62	1	0,018	
3	0,574	48	0	0,039				
4	0,482	49	0	0,033				
5	0,404	50	0	0,027				
6	0,338	51	0	0,023				
7	0,283	52	0	0,019				
8	0,237	53	0	0,016				
9	0,198	54	0	0,013				
10	0,166	55	0	0,011				
11	0,138	56	0	0,009				
12	0,116	57	0	0,008				
13	0,097	58	0	0,006				
14	0,081	59	0	0,005				
15	0,067	60	0	0,004				

Input data: MeK1_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 44
 Best method is
 Method 3 of 3

Parameters:
 k = 2,25823436324893
 p = 0,212675886470486
 DF =17
 $X^2 = 14,9790$ $P(X^2) = 0,5970$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]
1	3	1,334	16	0	1,073	31
2	2	2,373	17	1	0,912	32
3	3	3,043	18	1	0,771	33
4	4	3,401	19	0	0,649	34
5	2	3,52	20	0	0,545	35
6	2	3,469	21	0	0,456	
7	6	3,304	22	0	0,381	
8	2	3,068	23	0	0,317	
9	5	2,796	24	0	0,263	
10	1	2,509	25	1	0,218	
11	3	2,224	26	0	0,18	
12	1	1,951	27	0	0,149	
13	3	1,697	28	0	0,123	
14	3	1,466	29	0	0,101	
15	0	1,258	30	0	0,083	

Input data: MeK2_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 37
 Best method is
 Method 3 of 3

Parameters:
 k = 4,23935011258915
 p = 0,402298781680586
 DF =11
 $X^2 = 9,8815$ $P(X^2) = 0,5411$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	0,779	16	0	0,418			
2	3	1,975	17	0	0,3			
3	2	3,092	18	0	0,214			
4	0	3,844	19	0	0,151			
5	4	4,158	20	0	0,105			
6	3	4,095	21	0	0,073			
7	7	3,769	22	0	0,051			
8	3	3,296	23	1	0,035			
9	3	2,767	24	0	0,024			
10	2	2,249	25	1	0,049			
11	2	1,78						
12	1	1,377						
13	1	1,045						
14	0	0,781						
15	2	0,574						

I

Input data: MeK3_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 47
 Best method is
 Method 1 of 3

Parameters:
 k = 0,980514702238318
 p = 0,109023456171998
 DF = 18
 $X^2 = 18,3635$ $P(X^2) = 0,4320$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	4	5,3502	17	3	0,7898	33	0	0,1229	49	0	0,0192
2	2	4,674	18	1	0,7028	34	0	0,1095	50	0	0,0171
3	4	4,1239	19	1	0,6255	35	0	0,0975	51	0	0,0153
4	2	3,6504	20	0	0,5568	36	0	0,0868	52	0	0,0136
5	6	3,2366	21	0	0,4956	37	0	0,0773	53	0	0,0121
6	5	2,8725	22	0	0,4411	38	0	0,0688	54	0	0,0108
7	2	2,551	23	0	0,3927	39	0	0,0613	55	0	0,0096
8	3	2,2666	24	0	0,3496	40	0	0,0546	56	0	0,0086
9	3	2,0145	25	0	0,3112	41	0	0,0486	57	0	0,0076
10	3	1,791	26	0	0,2771	42	0	0,0433	58	0	0,0068
11	1	1,5926	27	0	0,2467	43	0	0,0385	59	0	0,006
12	2	1,4165	28	0	0,2196	44	0	0,0343	60	0	0,0054
13	0	1,26	29	0	0,1956	45	0	0,0306	61	0	0,0048
14	1	1,121	30	0	0,1741	46	0	0,0272	62	1	0,0391
15	0	0,9974	31	0	0,155	47	0	0,0242			
16	3	0,8875	32	0	0,138	48	0	0,0216			

Input data: MeK4_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 35
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,115687711655
 p = 0,110385080774046
 DF = 17
 $X^2 = 12,0189$ $P(X^2) = 0,7990$

Input data: MeK5_2er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 22
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,03929981717893
 p = 0,147828513946154
 DF = 14
 $X^2 = 7,4648$ $P(X^2) = 0,9153$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	2,994	16	2	0,753	31	1	0,141	1	0	0,446	16	0	0,711
2	4	2,972	17	0	0,675	32	0	0,126	2	1	0,775	17	1	0,645
3	4	2,797	18	1	0,604	33	1	0,112	3	1	1,004	18	0	0,583
4	4	2,584	19	0	0,541	34	0	0,1	4	2	1,152	19	0	0,526
5	1	2,365	20	0	0,484	35	0	0,09	5	1	1,236	20	1	0,473
6	2	2,153	21	0	0,433	36	1	0,739	6	0	1,273	21	0	0,424
7	5	1,952	22	1	0,388				7	3	1,272	22	1	0,379
8	1	1,765	23	0	0,347				8	0	1,245	23	1	0,338
9	1	1,593	24	0	0,31				9	2	1,199	24	0	0,301
10	1	1,435	25	1	0,277				10	1	1,14	25	0	0,268
11	1	1,292	26	0	0,248				11	2	1,072	26	0	0,238
12	0	1,161	27	0	0,221				12	0	1	27	0	0,211
13	1	1,043	28	0	0,198				13	2	0,926	28	1	0,186
14	1	0,936	29	0	0,177				14	0	0,852	29	0	0,165
15	0	0,84	30	0	0,158				15	1	0,78	30	1	1,181

Input data: MeK6_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 134
 Best method is
 Method 3 of 3
 Parameters:
 k = 1,75030985481159
 p = 0,186950507366093
 DF =23
 $X^2 = 25,1988$ $P(X^2) = 0,3401$

X[i]	F[i]	NP[i]
1	11	7,119
2	8	10,13
3	10	11,33
4	16	11,51
5	8	11,12
6	9	10,39
7	11	9,508
8	8	8,559
9	15	7,611
10	3	6,704
11	4	5,86
12	7	5,089
13	2	4,397
14	2	3,781
15	3	3,239
16	1	2,765
17	4	2,354
18	4	1,998
19	1	1,692
20	1	1,43

Input data: MeK7_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 52
 Best method is
 Method 1 of 3
 Parameters:
 k = 0,808245720186986
 p = 0,101512256032834
 DF =17
 $X^2 = 8,0289$ $P(X^2) = 0,9659$

X[i]	F[i]	NP[i]
1	5	8,185
2	8	5,944
3	7	4,829
4	3	4,061
5	2	3,474
6	5	3,002
7	3	2,611
8	2	2,281
9	2	2,001
10	2	1,759
11	1	1,55
12	1	1,369
13	1	1,21
14	1	1,071
15	3	0,949
16	1	0,842
17	0	0,748
18	0	0,664
19	1	0,59
20	0	0,525

Input data: MeK8_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 44
 Best method is
 Method 1 of 3
 Min. size: 2
 k = 3,05712275048638
 p = 0,28972568808253
 DF =10
 $X^2 = 15,4972$ $P(X^2) = 0,1150$

X[i]	F[i]	NP[i]
1	1	0,997
2	6	2,1648
3	4	3,1191
4	3	3,7346
5	1	4,0168
6	1	4,0268
7	4	3,8407
8	6	3,5297
9	1	3,1517
10	4	2,7502

Input data: MeK9_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 32
 Best method is
 Method 1 of 3
 Min. size: 2
 k = 3,78757928432271
 p = 0,416091948505494
 DF =6
 $X^2 = 10,9178$ $P(X^2) = 0,0910$

X[i]	F[i]	NP[i]
1	0	1,1556
2	2	2,5557
3	4	3,5722
4	1	4,024
5	3	3,9871
6	6	3,626
7	7	3,101
8	1	2,5317
9	4	1,9934
10	1	1,5245

11 4 2,3553

Input data: MeK10_2er.dat
Distribution: Negative binomial (k,p)
Sample size: 27
Best method is
Method 1 of 3
Parameters:
k = 3,66442452707598
p = 0,329646296701031
DF =12
X² = 8,3643 P(X²) = 0,7561

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	0,4627	11	3	1,5243
2	2	1,1366	12	1	1,2693
3	2	1,7769	13	1	1,0398
4	3	2,2491	14	0	0,8399
5	0	2,512	15	1	0,6702
6	1	2,5812	16	0	0,5291
7	3	2,4987	17	1	0,4137
8	3	2,3126	18	0	0,3208
9	1	2,0666	19	1	1,0009
10	3	1,7955			

11 0 1,1383

Input data: MeK11_2er.dat
Distribution: Negative binomial (k,p)
Sample size: 41
Best method is
Method 1 of 3
Parameters:
k = 2,87393095340469
p = 0,274674094837213
DF =13
X² = 13,0562 P(X²) = 0,4435

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	1	11	2	2,1676
2	5	2,0845	12	2	1,84
3	3	2,9285	13	4	1,543
4	2	3,451	14	2	1,2805
5	3	3,6757	15	2	1,0531
6	5	3,6653	16	0	0,8593
7	1	3,4889	17	0	0,6963
8	4	3,208	18	0	0,5607
9	3	2,8719	19	1	2,1089
10	1	2,5168			

Input data: Markera_2er.dat
Distribution: Negative binomial (k,p)
Sample size: 545
Best method is
Method 1 of 3
Parameters:
k = 1,61022388407846
p = 0,299350252239216
DF =17
X² = 21,3857 P(X²) = 0,2095

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	69	78,15	21	2	0,453
2	99	88,17	22	0	0,326
3	91	80,62	23	1	0,832
4	59	67,98			
5	58	54,9			
6	38	43,16			
7	34	33,31			
8	19	25,38			
9	29	19,14			
10	9	14,32			
11	9	10,64			
12	9	7,871			
13	10	5,795			
14	3	4,251			
15	3	3,108			
16	2	2,266			
17	1	1,649			
18	0	1,197			
19	0	0,867			
20	0	0,627			

Input data: Dama_2er.dat
Distribution: Negative binomial (k,p)
Sample size: 315
Best method is
Method 1 of 3
Parameters:
k = 1,25885228036199
p = 0,146749011344836
DF =29
X² = 35,2018 P(X²) = 0,1980

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	19	28,13	21	1	2,848
2	41	30,21	22	3	2,46
3	24	29,12	23	1	2,124
4	29	26,99	24	0	1,832
5	24	24,52	25	2	1,58
6	23	22	26	0	1,362
7	23	19,58	27	1	1,174
8	14	17,33	28	1	1,011
9	10	15,26	29	3	0,871
10	16	13,4	30	1	0,75
11	10	11,73	31	0	0,645
12	14	10,24	32	0	0,555
13	15	8,928	33	0	0,478
14	11	7,769	34	1	0,411
15	4	6,752	35	0	0,353
16	8	5,86	36	1	0,303
17	6	5,081	37	1	0,261
18	1	4,402	38	1	0,224
19	2	3,81	39	0	0,193
20	2	3,295	40	0	0,165

Input data: DamaK1_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 45
 Parameters:
 k = 1,38615773270258
 p = 0,125533483305094
 DF =19
 $X^2 = 17,3171$ $P(X^2) = 0,5684$

Input data: DamaK2_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 103
 Parameters:
 k = 1,06882487856191
 p = 0,138906282481674
 DF =21
 $X^2 = 38,1418$ $P(X^2) = 0,0124$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	4	2,535	21	0	0,629	1	6	12,49	21	0	0,801	41	0	0,042
2	2	3,073	22	1	0,56	2	20	11,5	22	0	0,692	42	0	0,036
3	1	3,206	23	0	0,498	3	7	10,24	23	0	0,598	43	0	0,031
4	4	3,164	24	0	0,443	4	10	9,019	24	0	0,516	44	0	0,027
5	4	3,034	25	1	0,394	5	6	7,9	25	0	0,446	45	0	0,023
6	0	2,858	26	0	0,35	6	10	6,896	26	0	0,385	46	0	0,02
7	2	2,66	27	0	0,31	7	9	6,006	27	1	0,332	47	0	0,017
8	2	2,455	28	0	0,275	8	3	5,223	28	0	0,287	48	0	0,015
9	5	2,25	29	0	0,244	9	0	4,536	29	1	0,248	49	0	0,013
10	3	2,052	30	0	0,216	10	4	3,936	30	1	0,214	50	0	0,011
11	1	1,864	31	0	0,191	11	3	3,413	31	0	0,184	51	0	0,01
12	4	1,687	32	0	0,17	12	5	2,957	32	0	0,159	52	0	0,008
13	3	1,523	33	0	0,15	13	7	2,561	33	0	0,137	53	0	0,007
14	2	1,371	34	1	0,133	14	3	2,217	34	0	0,119	54	0	0,006
15	0	1,232	35	0	0,117	15	1	1,918	35	0	0,102	55	0	0,005
16	2	1,105	36	0	0,104	16	3	1,659	36	0	0,088	56	0	0,005
17	0	0,99	37	1	0,779	17	0	1,435	37	0	0,076	57	0	0,004
18	1	0,885				18	0	1,241	38	1	0,066	58	0	0,003
19	0	0,791				19	1	1,072	39	0	0,057	59	1	0,021
20	1	0,705				20	0	0,927	40	0	0,049			

Input data: DamaK3_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 113
 k = 1,44723373928519
 p = 0,171818595604479
 DF =21
 $X^2 = 14,9712$ $P(X^2) = 0,8244$

Input data: DamaK4_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 54
 k = 1,3544642132181
 p = 0,149373785444366
 DF =18
 $X^2 = 9,6666$ $P(X^2) = 0,9422$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	8,83	16	1	2,02	31	0	0,16	1	4	4,11	16	2	1,08	31	0	0,12
2	15	10,6	17	4	1,72	32	0	0,14	2	4	4,74	17	2	0,94	32	0	0,1
3	10	10,7	18	0	1,46	33	0	0,11	3	6	4,74	18	0	0,82	33	0	0,09
4	10	10,2	19	0	1,24	34	0	0,1	4	5	4,51	19	1	0,71	34	0	0,08
5	10	9,4	20	0	1,05	35	0	0,08	5	4	4,18	20	1	0,61	35	0	0,07
6	10	8,48	21	1	0,89	36	0	0,07	6	3	3,81	21	0	0,53	36	1	0,4
7	8	7,55	22	2	0,75	37	0	0,06	7	4	3,43	22	0	0,46			
8	7	6,65	23	1	0,64	38	0	0,05	8	2	3,06	23	0	0,4			
9	4	5,82	24	0	0,54	39	0	0,04	9	1	2,72	24	0	0,34			
10	4	5,06	25	1	0,45	40	0	0,03	10	5	2,41	25	0	0,3			
11	3	4,37	26	0	0,38	41	1	0,17	11	3	2,12	26	0	0,26			
12	4	3,77	27	0	0,32				12	1	1,86	27	0	0,22			
13	4	3,24	28	1	0,27				13	1	1,63	28	0	0,19			

14 4 2,77 29 1 0,23
 15 2 2,37 30 0 0,19

14 2 1,42 29 1 0,16
 15 1 1,24 30 0 0,14

Input data: Futljar_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 256
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,58125166389918
 p = 0,181257918259086
 DF =26
 $X^2 = 21,1461$ $P(X^2) = 0,7344$

Input data: Malciki_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 148
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,43091796642531
 p = 0,21779973643215
 DF =17
 $X^2 = 22,7315$ $P(X^2) = 0,1582$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	10	17,196	21	1	2,0618	1	13	16,714	21	1	0,5119
2	26	22,262	22	1	1,7348	2	25	18,707	22	0	0,4087
3	26	23,524	23	1	1,4579	3	17	17,786	23	0	0,3259
4	19	22,992	24	2	1,2238	4	19	15,91	24	1	0,2597
5	22	21,56	25	1	1,0263	5	11	13,786	25	0	0,2068
6	25	19,704	26	0	0,8598	6	7	11,712	26	0	0,1645
7	18	17,695	27	1	0,7197	7	15	9,8194	27	0	0,1308
8	14	15,691	28	0	0,6019	8	6	8,1536	28	0	0,104
9	20	13,78	29	0	0,503	9	6	6,7213	29	0	0,0826
10	8	12,011	30	1	0,4201	10	3	5,5091	30	0	0,0656
11	14	10,406	31	0	0,3506	11	2	4,4949	31	0	0,052
12	7	8,9697	32	0	0,2925	12	2	3,6537	32	0	0,0413
13	8	7,6996	33	3	0,2438	13	6	2,9605	33	1	0,1568
14	4	6,5859	34	0	0,2031	14	3	2,3925			
15	7	5,616	35	0	0,1691	15	2	1,929			
16	3	4,7762	36	0	0,1408	16	1	1,5522			
17	6	4,0526	37	0	0,1171	17	5	1,2468			
18	3	3,4315	38	0	0,0974	18	1	1			
19	3	2,9002	39	0	0,081	19	1	0,8009			
20	1	2,4472	40	0	0,0673	20	0	0,6407			
			41	0	0,0559						
			42	1	0,2714						

Input data: Zapiski_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 572
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,96162322698141
 p = 0,386679976202716
 DF =13
 $X^2 = 22,8232$ $P(X^2) = 0,0438$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	62	88,7	13	3	3,003
2	133	106,7	14	1	1,978
3	108	96,92	15	2	1,297
4	73	78,5	16	1	0,846
5	55	59,72	17	0	0,55
6	40	43,67	18	2	0,357
7	32	31,08	19	1	0,643
8	16	21,68			
9	17	14,89			
10	10	10,11			
11	10	6,798			
12	6	4,534			

Input data: Nevskij_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 607
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,02431461083856
 p = 0,280690798189826
 DF =21
 $X^2 = 24,5495$ $P(X^2) = 0,2672$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	24	46,37	13	17	12,19	25	1	0,457
2	74	67,52	14	6	9,462	26	0	0,342
3	80	73,44	15	7	7,304	27	0	0,256
4	82	70,86	16	7	5,612	28	1	0,191
5	65	64,03	17	2	4,296	29	0	0,142
6	59	55,49	18	3	3,276	30	0	0,106
7	43	46,73	19	3	2,491	31	1	0,079
8	39	38,53	20	1	1,888	32	0	0,059
9	29	31,26	21	2	1,428	33	0	0,044
10	22	25,05	22	2	1,077	34	0	0,032
11	23	19,86	23	0	0,811	35	0	0,024
12	12	15,62	24	1	0,609	36	1	0,068

Input data: Nos_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 493
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,62211271359439
 p = 0,270104907085692
 DF =19
 $X^2 = 19,8750$ $P(X^2) = 0,4021$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	46	58,983	16	3	3,2595
2	80	69,835	17	1	2,4716
3	73	66,827	18	1	1,87
4	52	58,892	19	1	1,4121
5	46	49,67	20	1	1,0644
6	39	40,765	21	1	0,8011
7	35	32,839	22	0	0,602
8	27	26,099	23	1	0,4518
9	22	20,531	24	0	0,3387
10	15	16,021	25	0	0,2536
11	19	12,421	26	1	0,1897
12	9	9,5791	27	0	0,1418
13	9	7,3542	28	0	0,1059
14	7	5,6247	29	1	0,079
15	1	4,2878	30	1	0,0589

Input data: NosK1_3er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 69
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,4893896337887
 p = 0,403322490734812
 DF =9
 $X^2 = 9,7823$ $P(X^2) = 0,3684$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
31	0	0,0439	1	12	7,1972
32	0	0,0327	2	6	10,691
33	1	0,0945	3	9	11,129
			4	8	9,9371
			5	10	8,137
			6	7	6,3014
			7	5	4,6933
			8	2	3,3962
			9	3	2,4037
			10	2	1,6716
			11	0	1,1459
			12	4	0,7763
			13	0	0,5207
			14	1	1

Input data: NosK2_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 371
 Best method is
 Method 1 of 3
 min.size: 7
 k = 1,62974135758737
 p = 0,275933871047207
 DF =10

$X^2 = 15,1584$ $P(X^2) = 0,1264$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	31	45,502	16	2	2,2748
2	65	53,694	17	1	1,7119
3	61	51,12	18	1	1,2855
4	37	44,784	19	1	0,9633
5	31	37,532	20	1	0,7206
6	29	30,598	21	1	0,5382
7	25	24,48	22	0	0,4014
8	19	19,32	23	1	0,2989
9	16	15,09	24	0	0,2224
10	10	11,691	25	0	0,1652
11	17	8,998	26	1	0,1227
12	5	6,8881	27	0	0,091
13	8	5,2492	28	0	0,0674
14	5	3,9849	29	1	0,0499
15	0	3,0151	30	1	0,0369

Input data: NosK3_3er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 53
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,15728094259543
 p = 0,299389293996573
 DF =11

$X^2 = 5,9348$ $P(X^2) = 0,8777$

X[i]*	F[i]	NP[i]
1	5	3,9298
2	8	5,9396
3	5	6,5692
4	5	6,3779
5	6	5,7612
6	4	4,9706
7	4	4,1542
8	4	3,3916
9	5	2,72
10	1	2,1507
11	2	1,6812
12	1	1,3018
13	0	1
14	1	0,763
15	1	0,5787
16	1	1,7106

Input data: BL_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 400
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,4074053951645
 p = 0,276752967205663
 DF =15

$X^2 = 10,9478$ $P(X^2) = 0,7563$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	68	65,59	16	2	1,76
2	69	66,77	17	2	1,306
3	55	58,13	18	0	0,967
4	52	47,75	19	1	2,719
5	34	38,05			
6	29	29,76			
7	27	22,99			
8	20	17,59			
9	6	13,37			
10	9	10,11			
11	7	7,609			
12	9	5,707			
13	3	4,268			

Input data: Me_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 515
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,60966703410823
 p = 0,253027067863419
 DF =20

$X^2 = 26,9917$ $P(X^2) = 0,1355$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	49	56,38	16	1	4,265
2	67	67,79	17	4	3,307
3	57	66,07	18	1	2,559
4	53	59,38	19	1	1,976
5	68	51,12	20	3	1,524
6	57	42,84	21	1	1,173
7	33	35,25	22	2	0,902
8	29	28,63	23	1	0,692
9	22	23,01	24	1	0,531
10	21	18,35	25	0	0,406
11	11	14,55	26	1	0,311
12	14	11,47	27	0	0,238
13	9	9,001	28	0	0,182

14 5 3,184
15 2 2,37

14 2 7,039 29 0 0,139
15 5 5,487 30 1 0,106

Input data: MeK1_3er.dat
Distribution: Negative binomial (k,p)
Sample size: 44
Best method is
Method 3 of 3
Parameters:
k = 2,85213789084246
p = 0,36698179046868
DF =10

Input data: MeK2_3er.dat
Distribution: Negative binomial (k,p)
Sample size: 37
Best method is
Method 1 of 3
Parameters:
k = 3,05658761834045
p = 0,426886955562095
DF =8

X² = 15,3376 P(X²) = 0,1202

X² = 6,7046 P(X²) = 0,5688

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	2,5221	16	0	0,2694	1	4	2,743	16	1	0,0984
2	3	4,5535	17	1	0,1903	2	3	4,805	17	1	0,1751
3	5	5,5518	18	0	0,1336	3	2	5,5856			
4	3	5,6841	19	0	0,0932	4	5	5,3957			
5	6	5,2642	20	0	0,0648	5	8	4,6822			
6	7	4,5667	21	0	0,0448	6	5	3,7872			
7	3	3,7832	22	0	0,0309	7	3	2,9145			
8	2	3,0285	23	1	0,0662	8	2	2,1611			
9	6	2,3609				9	1	1,5569			
10	0	1,8021				10	2	1,0962			
11	0	1,352				11	0	0,7574			
12	2	1				12	0	0,5153			
13	0	0,7307				13	0	0,3459			
14	0	0,5284				14	0	0,2296			
15	0	0,3788				15	0	0,1509			

Input data: MeK3_3er.dat
Distribution: Negative binomial (k,p)
Sample size: 47
Best method is
Method 1 of 3
Parameters:
k = 1,5017230029917
p = 0,245384691042043
DF =11

Input data: MeK4_3er.dat
Distribution: Negative binomial (k,p)
Sample size: 35
Best method is
Method 1 of 3
Parameters:
k = 0,836684281395623
p = 0,120465084336576
DF =12

X² = 14,8730 P(X²) = 0,1884

X² = 13,4168 P(X²) = 0,3395

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	4	5,699	16	0	0,376	31	0	0,008	1	2	5,957	16	0	0,494
2	6	6,459	17	0	0,292	32	0	0,006	2	7	4,384	17	1	0,43
3	5	6,096	18	0	0,227	33	0	0,005	3	5	3,541	18	0	0,374
4	8	5,37	19	0	0,176	34	0	0,004	4	2	2,945	19	0	0,326
5	4	4,56	20	0	0,137	35	0	0,003	5	6	2,484	20	0	0,285
6	4	3,787	21	0	0,106	36	0	0,002	6	1	2,114	21	1	0,248
7	4	3,096	22	0	0,082	37	0	0,002	7	2	1,808	22	1	0,217
8	2	2,504	23	0	0,063	38	0	0,001	8	0	1,554	23	0	0,189
9	0	2,008	24	0	0,049	39	0	9E-04	9	2	1,338	24	1	1,318
10	1	1,6	25	0	0,037	40	0	7E-04	10	0	1,156			
11	4	1,268	26	0	0,029	41	0	5E-04	11	2	1			
12	3	1	27	0	0,022	42	1	0,002	12	1	0,867			
13	1	0,786	28	0	0,017				13	0	0,752			
14	0	0,616	29	0	0,013				14	0	0,653			

15 0 0,482 30 0 0,01

15 1 0,568

Input data: MeK5_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 22
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,39734193145252
 p = 0,243785168751177
 DF =11
 $X^2 = 7,0698$ $P(X^2) = 0,7934$

Input data: MeK6_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 134
 Best method is
 Method 2 of 3
 Parameters:
 k = 1,70692288133626
 p = 0,259284994527334
 DF =16
 $X^2 = 20,4656$ $P(X^2) = 0,2000$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	0,7462	16	0	0,4457	1	16	13,38	16	0	1,1498
2	1	1,3528	17	0	0,3665	2	13	16,917	17	0	0,8893
3	3	1,7378	18	0	0,2999	3	21	16,96	18	1	0,6861
4	0	1,9263	19	1	0,2444	4	12	15,523	19	0	0,5282
5	3	1,9655	20	1	1	5	16	13,53	20	2	0,4058
6	2	1,9017				6	18	11,439	21	0	0,3112
7	3	1,7731				7	3	9,4713	22	0	0,2383
8	0	1,6085				8	11	7,724	23	0	0,1822
9	2	1,4288				9	3	6,2268	24	0	0,1391
10	1	1,2482				10	4	4,9746	25	0	0,106
11	1	1,0758				11	3	3,9452	26	1	0,3351
12	0	0,9169				12	6	3,1101			
13	1	0,7741				13	2	2,4394			
14	0	0,6483				14	1	1,9052			
15	2	0,5392				15	1	1,4824			

Input data: MeK7_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 52
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,05121239272642
 p = 0,192216055066465
 DF =12
 $X^2 = 8,1353$ $P(X^2) = 0,7745$

Input data: MeK8_3er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 44
 Best method is
 Method 1 of 3
 min.size: 2
 k = 4,11378232758621
 p = 0,478669571045576
 DF =7
 $X^2 = 13,6580$ $P(X^2) = 0,0576$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	7	9,1857	16	0	0,442	1	5	2,1242
2	13	7,8001	17	1	0,3582	2	6	4,5556
3	4	6,4621	18	0	0,2902	3	3	6,0725
4	6	5,3091	19	0	0,2351	4	2	6,4517
5	3	4,3435	20	0	0,1904	5	7	5,9817
6	4	3,5446	21	0	0,1542	6	4	5,0605
7	2	2,8877	22	1	0,1249	7	5	4,0073
8	2	2,3497	23	0	0,1011	8	5	3,0184
9	2	1,9102	24	0	0,0819	9	0	2,1861
10	3	1,5518	25	0	0,0663	10	6	1,534
11	1	1,2599	26	0	0,0536	11	0	1,0487
12	0	1,0225	27	0	0,0434	12	1	1,9594
13	1	0,8295	28	0	0,0351			
14	0	0,6727	29	0	0,0284			

15 1 0,5454 30 1 0,1205

Input data: MeK9_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 32
 Best method is
 Method 1 of 3
 min.size: 2
 k = 3,84967984119094
 p = 0,543407188467428
 DF =4

$X^2 = 9,0161$ $P(X^2) = 0,0607$

X[i]	F[i]	NP[i]
1	1	3,0582
2	5	5,3755
3	2	5,9516
4	8	5,2987
5	8	4,143
6	4	2,9698
7	1	2
8	0	1,2849
9	0	0,7957
10	0	0,4783
11	0	0,2806
12	0	0,1613
13	2	0,0912
14	1	0,1111

Input data: MeK10_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 27
 Best method is
 Method 1 of 3
 Parameters:
 k = 4,30005048189711
 p = 0,472251509784068
 DF =9

$X^2 = 8,5068$ $P(X^2) = 0,4840$

X[i]	F[i]	NP[i]
1	2	1,0722
2	3	2,4333
3	3	3,4031
4	1	3,7716
5	6	3,6326
6	1	3,1824
7	5	2,6032
8	2	2,0215
9	1	1,5069
10	1	1,0869
11	0	0,7629
12	1	0,5234
13	1	1

Input data: MeK10_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 26
 Best method is
 Method 1 of 3
 Parameters:
 k = 5,74793541059135
 p = 0,567314309331256
 DF =6

$X^2 = 8,4053$ $P(X^2) = 0,2099$

X[i]	F[i]	NP[i]
1	2	1,8652
2	7	4,1818
3	4	5,7195
4	6	6,156
5	1	5,7287
6	7	4,8302
7	2	3,7911
8	3	2,8177
9	5	2,0063
10	3	1,3798
11	0	0,9221
12	0	0,6016
13	1	1

Input data: Markera_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 545
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,7135189037245
 p = 0,424195580210652
 DF =11

$X^2 = 6,9816$ $P(X^2) = 0,8006$

X[i]	F[i]	NP[i]
1	123	125,38
2	136	123,71
3	88	96,642
4	67	68,882
5	47	46,738
6	35	30,752
7	15	19,813
8	12	12,571
9	11	7,8842
10	5	4,8997
11	3	3,0225
12	0	1,8533
13	0	1,1306

Input data: Dama_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 315
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,22487540414385
 p = 0,207073313702923
 DF =20

$X^2 = 23,1719$ $P(X^2) = 0,2804$

X[i]	F[i]	NP[i]
16	1	2,868
17	2	2,306
18	1	1,8527
19	3	1,4874
20	2	1,1934
21	0	0,9569
22	0	0,7669
23	1	0,6143
24	1	0,4918
25	1	0,3937
26	1	0,3149
27	1	0,2519
28	0	0,2014
31	0	0,1028
32	0	0,0821
33	0	0,0655
34	0	0,0523
35	0	0,0418
36	0	0,0333
37	0	0,0266
38	0	0,0212
39	1	0,0834

14	2	0,6867	14	2	4,4231	29	0	0,161
15	1	1,0415	15	3	3,5635	30	0	0,1286

Input data: DamaK1_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 45
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,7797047691274
 p = 0,229736452482976
 DF =13
 $X^2 = 13,9065$ $P(X^2) = 0,3805$

Input data: DamaK2_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 103
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,00767414199372
 p = 0,194770400591149
 DF =15
 $X^2 = 21,8387$ $P(X^2) = 0,1121$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	6	3,284	16	0	0,611	1	18	19,81	16	0	0,788	31	0	0,031
2	1	4,502	17	1	0,493	2	15	16,07	17	0	0,635	32	0	0,025
3	7	4,819	18	0	0,397	3	14	12,99	18	1	0,512	33	0	0,02
4	1	4,677	19	0	0,319	4	12	10,49	19	1	0,412	34	0	0,016
5	3	4,305	20	0	0,256	5	12	8,463	20	1	0,332	35	0	0,013
6	6	3,833	21	0	0,205	6	0	6,825	21	0	0,268	36	0	0,01
7	4	3,336	22	0	0,164	7	6	5,503	22	0	0,216	37	0	0,008
8	4	2,856	23	1	0,131	8	6	4,436	23	0	0,174	38	0	0,007
9	4	2,414	24	0	0,104	9	8	3,575	24	0	0,14	39	1	0,028
10	1	2,021	25	1	0,397	10	3	2,881	25	0	0,113			
11	2	1,678				11	3	2,322	26	1	0,091			
12	1	1,384				12	0	1,871	27	0	0,073			
13	0	1,135				13	1	1,508	28	0	0,059			
14	1	0,927				14	0	1,215	29	0	0,047			
15	1	0,754				15	0	0,979	30	0	0,038			

Input data: DamaK3_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 113
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,43469846772223
 p = 0,244672650241733
 DF =14
 $X^2 = 7,4364$ $P(X^2) = 0,9166$

Input data: DamaK4_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 54
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,42620548190503
 p = 0,223576122784382
 DF =13
 $X^2 = 6,2257$ $P(X^2) = 0,9376$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	13	14,993	16	1	0,8329	1	5	6,3759	16	0	0,5229
2	17	16,247	17	1	0,6462	2	9	7,0603	17	0	0,4168
3	14	14,939	18	0	0,5006	3	7	6,6499	18	0	0,3317
4	16	12,919	19	1	0,3872	4	5	5,8967	19	1	0,2637
5	13	10,819	20	1	0,2992	5	5	5,0662	20	0	0,2093
6	6	8,882	21	0	0,2309	6	2	4,2688	21	0	0,166
7	7	7,1949	22	0	0,178	7	6	3,5498	22	0	0,1315
8	4	5,772	23	0	0,1371	8	3	2,924	23	0	0,1041
9	7	4,5966	24	0	0,1055	9	3	2,3912	24	0	0,0823
10	3	3,6397	25	0	0,0811	10	1	1,9445	25	1	0,307
11	3	2,8686	26	0	0,0624	11	2	1,5741			
12	2	2,2524	27	1	0,2049	12	2	1,2695			
13	0	1,7629				13	2	1,0207			
14	1	1,3761				14	0	0,8185			

15 2 1,0717

15 0 0,6548

Input data: Futljar_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 256
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,57740512666282
 p = 0,254857223989258
 DF =18

Input data: Malciki_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 148
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,36809106879105
 p = 0,287346172797197
 DF =12

X² = 13,3067 P(X²) = 0,7730

X² = 10,6673 P(X²) = 0,5576

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	23	29,63	16	3	1,983	1	24	26,873	16	1	0,5169
2	39	34,827	17	1	1,5309	2	31	26,2	17	0	0,3769
3	29	33,443	18	1	1,1795	3	22	22,108	18	0	0,2744
4	37	29,716	19	0	0,9071	4	15	17,689	19	0	0,1995
5	25	25,339	20	1	0,6965	5	17	13,766	20	0	0,145
6	27	21,062	21	0	0,5339	6	10	10,533	21	0	0,1052
7	14	17,204	22	3	0,4088	7	4	7,9665	22	1	0,2759
8	15	13,877	23	0	0,3126	8	3	5,9759			
9	12	11,087	24	0	0,2388	9	8	4,4547			
10	7	8,7912	25	0	0,1822	10	3	3,3045			
11	6	6,9289	26	0	0,1389	11	4	2,4417			
12	6	5,434	27	0	0,1058	12	3	1,7983			
13	4	4,244	28	1	0,3343	13	1	1,3209			
14	1	3,3028				14	1	0,968			
15	1	2,5626				15	0	0,708			

Input data: Zapiski_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 572
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,07184653515533
 p = 0,477427384823593
 DF =10
 $X^2 = 17,0529$ $P(X^2) = 0,0732$

X[i]	F[i]	NP[i]
1	101	123,635
2	165	133,858
3	110	107,439
4	68	76,2041
5	52	50,493
6	23	32,0427
7	21	19,7359
8	12	11,8926
9	10	7,0474
10	3	4,1214
11	3	2,3846
12	1	1,3675
13	2	0,7785
14	0	0,4403
15	1	0,5597

Input data: Nevskij_4er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 607
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,08856426374499
 p = 0,354821640261479
 DF =16
 $X^2 = 23,0319$ $P(X^2) = 0,1129$

X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	45	69,7198	16	3	1,9198
2	104	93,9471	17	1	1,3229
3	111	93,603	18	1	0,9082
4	77	82,3037	19	1	0,6214
5	80	67,5514	20	0	0,4239
6	49	53,0712	21	1	0,2883
7	37	40,4525	22	0	0,1957
8	28	30,1578	23	0	0,1325
9	21	22,1047	24	1	0,0895
10	19	15,9864	25	0	0,0604
11	8	11,4368	26	0	0,0407
12	10	8,109	27	1	0,0827
13	5	5,7063			
14	3	3,9899			
15	1	2,7743			

Input data: Nos_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 493
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,67172360452162
 p = 0,345238121856852
 DF =14
 $X^2 = 19,2827$ $P(X^2) = 0,1544$

X[i]	F[i]	NP[i]
1	65	83,31
2	108	91,19
3	78	79,76
4	58	63,92
5	53	48,88
6	36	36,3
7	27	26,43
8	26	18,97
9	12	13,46
10	12	9,472
11	4	6,619
12	4	4,598
13	1	3,179
14	1	2,189

Input data: NosK1_4er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 69
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,73132085808121
 p = 0,474028431718786
 DF =7
 $X^2 = 2,9687$ $P(X^2) = 0,8879$

X[i]*	F[i]	NP[i]
1	12	8,982
2	11	12,9
3	11	12,66
4	11	10,5
5	9	7,916
6	5	5,605
7	3	3,799
8	2	2,492
9	3	1,595
10	1	1
11	1	1,544

Input data: NosK2_4er.dat#
 Distribution: Negative binomial (k,p)
 Sample size: 371
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,52076839837788
 p = 0,323248173005207
 DF =14
 $X^2 = 28,2873$ $P(X^2) = 0,0130$

X[i]	F[i]	NP[i]
16	46	66,6
17	89	68,55
18	59	58,47
19	40	46,44
20	39	35,52
21	25	26,54
22	19	19,52
23	22	14,19
24	7	10,23
25	10	7,324
26	3	5,215
27	2	3,696
28	1	2,61
29	1	1,837

15 2 1,502

Input data: NosK3_4er.dat
Distribution: Negative binomial
(k,p)
Sample size: 53
Best method is
Method 1 of 3
Parameters:
k = 2,69532419943664
p = 0,418959984574905
DF =8
X² = 2,6672 P(X²) = 0,9535

X[i]	F[i]	NP[i]	X[i]*	F[i]
1	7	5,081	1	96
2	8	7,957	2	81
3	8	8,542	3	67
4	7	7,768	4	45
5	5	6,426	5	35
6	6	5	6	30
7	5	3,726	7	11
8	2	2,689	8	9
9	2	1,894	9	11
10	1	1,308	10	5
11	0	0,889	11	4
12	2	1,721	12	3
			13	2
			14	1

15 2 1,289

Input data: BL_4er.dat*
Distribution: Negative binomial
(k,p)
Sample size: 400
Best method is
Method 1 of 3
Parameters:
k = 1,4495204968341
p = 0,355747090468249
DF =11
X² = 7,8004 P(X²) = 0,7311

X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	72	80,86	1	72	80,86
2	84	88,82	2	84	88,82
3	70	79,18	3	70	79,18
4	85	65,13	4	85	65,13
5	62	51,33	5	62	51,33
6	40	39,39	6	40	39,39
7	29	29,68	7	29	29,68
8	21	22,07	8	21	22,07
9	18	16,25	9	18	16,25
10	9	11,87	10	9	11,87
11	6	8,621	11	6	8,621
12	2	6,226	12	2	6,226
13	5	4,477	13	5	4,477
14	1	3,208	14	1	3,208

Input data: Me_4er.dat#
Distribution: Negative binomial
(k,p)
Sample size: 515
Best method is
Method 1 of 3
Parameters:
k = 1,60446041221409
p = 0,315400188912884
DF =16
X² = 19,9975 P(X²) = 0,2203

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
15	3	2,291	29	0	0,017
16	1	1,631	30	0	0,012
17	2	1,159	31	1	0,027
18	2	0,822			
19	0	0,581			
20	1	0,411			
21	0	0,29			
22	1	0,204			
23	0	0,144			
24	0	0,101			
25	0	0,071			
26	0	0,05			
27	0	0,035			
28	0	0,024			

Input data: MeK1_4er.dat
Distribution: Negative binomial
(k,p)
Sample size: 44
Best method is
Method 1 of 3
Parameters:
k = 2,0027601793538
p = 0,344384833543923
DF =9
X² = 9,7631 P(X²) = 0,3700

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	5,203	16	0	0,149
2	7	6,832	17	0	0,104
3	4	6,725	18	1	0,231
4	8	5,883			
5	6	4,824			
6	4	3,797			
7	6	2,905			
8	0	2,178			
9	2	1,607			
10	0	1,171			
11	0	0,844			
12	0	0,604			
13	1	0,429			
14	0	0,303			

Input data: MeK2_4er.dat*
Distribution: Negative binomial
(k,p)
Sample size: 37
Best method is
Method 2 of 3
Parameters:
k = 4,86502174589113
p = 0,607191459253494
DF =6
X² = 6,8247 P(X²) = 0,3374

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	5	4,269	1	5	4,269
2	2	5,719	2	2	5,719
3	7	6,376	3	7	6,376
4	10	6,089	4	10	6,089
5	5	5,085	5	5	5,085
6	3	3,772	6	3	3,772
7	1	2,518	7	1	2,518
8	2	1,527	8	2	1,527
9	0	0,849	9	0	0,849
10	0	0,436	10	0	0,436
11	0	0,207	11	0	0,207
12	1	0,092	12	1	0,092
13	1	0,062	13	1	0,062

Input data: MeK3_4er.dat#
Distribution: Negative binomial
(k,p)
Sample size: 47
Best method is
Method 1 of 3
Parameters:
k = 1,43966410035954
p = 0,308019845971564
DF =8
X² = 10,3113 P(X²) = 0,2439

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
6	6	8,626	17	0	0,093
7	6	8,594	18	0	0,066
8	11	7,254	19	0	0,047
9	5	5,755	20	0	0,033
10	6	4,42	21	0	0,023
11	3	3,328	22	0	0,017
12	1	2,471	23	0	0,012
13	3	1,818	24	0	0,008
14	4	1,327	25	0	0,006
15	1	0,963	26	0	0,004
16	0	0,696	27	0	0,003
17	0	0,501	28	0	0,002
18	0	0,359	29	0	0,001
19	0	0,257	30	0	0,001

15 0 0,213

Input data: MeK4_4er.dat
Distribution: Negative binomial
(k,p)
Sample size: 35
Best method is
Method 1 of 3
Parameters:
k = 1,00867815181914
p = 0,189530257362029
DF =10

X² = 5,8076 P(X²) = 0,8312

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	6,539	16	1	0,288
2	8	5,345	17	1	0,233
3	3	4,351	18	1	1
4	6	3,537			
5	2	2,873			
6	1	2,332			
7	2	1,893			
8	2	1,536			
9	1	1,246			
10	0	1,011			
11	1	0,82			
12	0	0,665			
13	1	0,54			
14	0	0,438			
15	0	0,355			

15 0 0,183 31 1 0,002

16 0 0,131

Input data: MeK5_4er.dat*
Distribution: Negative binomial
(k,p)
Sample size: 22
Best method is
Method 1 of 3
Parameters:
k = 2,84049987792969
p = 0,331078131467301
DF =8

X² = 2,0348 P(X²) = 0,9799

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#
1	1	0,952	1	1	0,952	1
2	3	1,81	2	3	1,81	2
3	1	2,324	3	1	2,324	3
4	3	2,509	4	3	2,509	4
5	3	2,45	5	3	2,45	5
6	2	2,242	6	2	2,242	6
7	2	1,96	7	2	1,96	7
8	1	1,656	8	1	1,656	8
9	1	1,362	9	1	1,362	9
10	1	1,098	10	1	1,098	10
11	1	0,869	11	1	0,869	11
12	1	0,679	12	1	0,679	12
13	0	0,524	13	0	0,524	13
14	1	0,4	14	1	0,4	14
15	1	1,165	15	1	1,165	15

Input data: MeK6_4er.dat#
Distribution: Negative binomial
(k,p)
Sample size: 134
Best method is
Method 1 of 3
Parameters:
k = 1,73629302528419
p = 0,340565373215371
DF =11

X² = 10,5921 P(X²) = 0,4780

F[i]	NP[i]	X[i]	F[i]	NP[i]
19	20,65	16	0	0,335
26	23,64	17	0	0,231
17	21,33	18	0	0,159
19	17,52	19	0	0,109
18	13,68	20	1	0,235
11	10,35			
4	7,661			
4	5,583			
8	4,021			
2	2,868			
2	2,031			
0	1,429			
1	1			
0	0,697			
2	0,484			

Input data: MeK7_4er.dat
Distribution: Negative binomial
(k,p)
Sample size: 52
Best method is
Method 3 of 3
Parameters:
k = 0,925885309874882
p = 0,237647452862469
DF =8

X² = 4,6644 P(X²) = 0,7928

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	13	13,746	16	0	0,1827
2	10	9,7029	17	1	0,1386
3	7	7,1229	18	0	0,1052
4	5	5,296	19	0	0,0799
5	4	3,9626	20	0	0,0607
6	2	2,9761	21	0	0,0461
7	2	2,2408	22	1	0,1459
8	4	1,6902			
9	0	1,2766			
10	1	0,9652			
11	1	0,7304			
12	0	0,5531			
13	1	0,419			

Input data: MeK8_4er.dat*
Distribution: Negative binomial
(k,p)
Sample size: 44
Best method is
Method 1 of 3
Parameters:
k = 5,5441900837201
p = 0,642984420541865
DF =6

X² = 10,8667 P(X²) = 0,0926

F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#
0	0,1827	1	7	3,8026	1
1	0,1386	2	7	7,5267	2
0	0,1052	3	2	8,7926	3
0	0,0799	4	10	7,894	4
0	0,0607	5	5	6,02	5
0	0,0461	6	6	4,1025	6
1	0,1459	7	4	2,5739	7
		8	2	1,5155	8
		9	1	1,7722	9
					10
					11

Input data: MeK9_4er.dat#
Distribution: Negative binomial
(k,p)
Sample size: 32
Best method is
Method 1 of 3
Parameters:
k = 3,88916662174141
p = 0,590521681319515
DF =5

X² = 8,7831 P(X²) = 0,1180

F[i]	NP[i]	X[i]	F[i]	NP[i]
2	4,1252			
5	6,5695			
9	6,5761			
8	5,2861			
5	3,728			
0	2,4086			
0	1,4612			
0	0,8453			
0	0,4711			
2	0,2548			
1	0,274			

14 0 0,3176
 15 0 0,2409
 Input data: MeK10_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 27
 Best method is
 Method 1 of 3
 Parameters:
 k = 5,17191870818653
 p = 0,605415242713564
 DF =6
 X² = 5,3172 P(X²) = 0,5038

X[i]	F[i]	NP[i]
1	3	2,0145
2	5	4,1111
3	1	5,0059
4	6	4,7221
5	4	3,8066
6	4	2,7553
7	1	1,8432
8	1	1,1607
9	1	0,6969
10	1	0,8837

Input data: MeK11_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 41
 Best method is
 Method 1 of 3
 Parameters:
 k = 4,51122094951445
 p = 0,580399809937823
 DF =6
 X² = 7,7354 P(X²) = 0,2581

X[i]	F[i]	NP[i]
1	6	3,5229
2	5	6,6686
3	8	7,7106
4	5	7,0221
5	4	5,5329
6	4	3,9519
7	6	2,6286
8	2	1,6562
9	0	1
10	1	1,3061

Input data: Markera_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 545
 Best method is
 Method 2 of 3
 Parameters:
 k = 1,75895851420627
 p = 0,50817721547123
 DF =8
 X² = 3,8006 P(X²) = 0,8746

X[i]	F[i]	NP[i]
1	168	165,687
2	150	143,336
3	96	97,2473
4	53	59,9284
5	38	35,0665
6	18	19,8644
7	13	11,0056
8	5	5,9997
9	1	3,2307
10	0	1,7229
11	2	0,9117
12	1	1

Input data: Dama_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 315
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,31348855117886
 p = 0,287707089377538
 DF =14
 X² = 16,8610 P(X²) = 0,2637

X[i]	F[i]	NP[i]
1	60	61,327
2	53	57,376
3	47	47,275
4	37	37,192
5	26	28,568
6	24	21,625
7	26	16,208
8	12	12,062
9	7	8,9282
10	4	6,581
11	4	4,8345
12	1	3,5417
13	2	2,5887
14	2	1,8883
15	4	1,3752

Input data: DamaK1_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 45
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,07619993388167
 p = 0,33148349035813
 DF =10
 X² = 6,2708 P(X²) = 0,7920

X[i]	F[i]	NP[i]
1	6	4,5456
2	5	6,3092
3	4	6,4874
4	4	5,8928
5	8	4,9993
6	5	4,0615
7	5	3,2022
8	2	2,4698
9	1	1,8732
10	1	1,402
11	1	1,0382
12	0	0,7619
13	1	0,555
14	0	0,4018
15	0	0,2892

Input data: DamaK2_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 103
 Best method is
 Method 1 of 3
 Parameters:
 k = 0,973467696966831
 p = 0,251370559158767
 DF =11
 $X^2 = 17,0706$ $P(X^2) = 0,1058$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	26	26,857	16	0	0,3196
2	17	19,573	17	0	0,2389
3	16	14,458	18	0	0,1785
4	12	10,728	19	1	0,1335
5	4	7,9782	20	0	0,0998
6	8	5,941	21	0	0,0746
7	10	4,4279	22	0	0,0558
8	4	3,3023	23	0	0,0417
9	0	2,464	24	0	0,0312
10	1	1,8392	25	0	0,0233
11	0	1,3732	26	0	0,0174
12	0	1,0256	27	0	0,013
13	0	0,7661	28	0	0,0098
14	1	0,5723	29	0	0,0073
15	2	0,4276	30	1	0,0217

Input data: DamaK3_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 113
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,30484514811409
 p = 0,284252627670187
 DF =11
 $X^2 = 6,3284$ $P(X^2) = 0,8506$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	20	21,89	16	0	0,3742
2	20	20,444	17	0	0,273
3	20	16,863	18	0	0,1989
4	15	13,296	19	0	0,1448
5	8	10,242	20	0	0,1053
6	7	7,7776	21	1	0,2783
7	8	5,8497			
8	3	4,3692			
9	4	3,2464			
10	0	2,4023			
11	3	1,7719			
12	1	1,3034			
13	1	0,9566			
14	1	0,7007			
15	1	0,5125			

Input data: DamaK4_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 54
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,83636674670202
 p = 0,365063774800332
 DF =8
 $X^2 = 1,5768$ $P(X^2) = 0,9914$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	8	8,4868	16	0	0,1003
2	11	9,8954	17	0	0,067
3	7	8,9103	18	1	0,132
4	6	7,2347			
5	6	5,5541			
6	4	4,1164			
7	3	2,978			
8	3	2,1167			
9	2	1,4845			
10	2	1,0302			
11	0	0,7088			
12	0	0,4843			
13	0	0,3289			
14	0	0,2223			
15	1	0,1496			

Input data: Futljar_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 256
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,62493005516422
 p = 0,32580958832873
 DF =13
 $X^2 = 7,6933$ $P(X^2) = 0,8630$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	36	41,385	16	0	0,7004
2	45	45,338	17	3	0,4906
3	47	40,117	18	0	0,3429
4	32	32,681	19	0	0,2392
5	28	25,475	20	0	0,1666
6	21	19,322	21	1	0,3767
7	12	14,383			
8	10	10,563			
9	9	7,6776			
10	4	5,5356			
11	2	3,9653			
12	3	2,8252			
13	1	2,0039			
14	1	1,416			
15	1	0,9973			

Input data: Malciki_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 148
 Best method is
 Method 1 of 3

Parameters:
 $k = 1,15573460222035$
 $p = 0,316510776797239$
 DF = 10
 $X^2 = 12,5781$ $P(X^2) = 0,2482$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	38	39,1601	7	9	5,7501	13	0	0,6484
2	36	30,9338	8	3	4,0175	14	0	0,4485
3	18	22,7893	9	6	2,7994	15	0	0,31
4	21	16,3848	10	1	1,9465	16	0	0,2141
5	9	11,6348	11	1	1,3511	17	1	0,4752
6	4	8,2	12	1	0,9365			

Input data: Zapiski_5er.dat Distribution: Negative binomial (k,p) Sample size: 572 Best method is Method 1 of 3 Parameters: k = 1,97281087014841 p = 0,52646292697202 DF =8 X ² = 10,2542 P(X ²) = 0,2476	Input data: Nevskij_5er.dat* Distribution: Negative binomial (k,p) Sample size: 607 Best method is Method 1 of 3 Parameters: k = 2,1204893413103 p = 0,420889831027919 DF =12 X ² = 17,7902 P(X ²) = 0,1222	Input data: Nos_5er.dat# Distribution: Negative binomial (k,p) Sample size: 493 Best method is Method 1 of 3 Parameters: k = 1,58652847328895 p = 0,390881511781204 DF =11 X ² = 16,5922 P(X ²) = 0,1205												
X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	149	161,3	1	69	96,88	16	0	0,568	1	93	111,1	16	1	0,37
2	180	150,7	2	141	119	17	1	0,352	2	126	107,3	17	0	0,234
3	102	106,1	3	115	107,5	18	0	0,217	3	78	84,56	18	2	0,147
4	65	66,52	4	92	85,5	19	1	0,134	4	65	61,58	19	0	0,093
5	29	39,16	5	56	63,39	20	0	0,082	5	43	43,01	20	1	0,156
6	21	22,15	6	44	44,93	21	0	0,05	6	30	29,27			
7	14	12,19	7	32	30,88	22	1	0,078	7	22	19,57			
8	5	6,575	8	22	20,75				8	18	12,92			
9	3	3,492	9	11	13,7				9	5	8,447			
10	1	1,832	10	8	8,92				10	4	5,48			
11	2	0,952	11	5	5,744				11	1	3,534			
12	1	1	12	3	3,665				12	2	2,267			
			13	4	2,321				13	1	1,449			
			14	1	1,46				14	1	0,922			
			15	1	0,913				15	0	0,585			

Input data: NosK1_5er.dat Distribution: Negative binomial (k,p) Sample size: 69 Best method is Method 1 of 3 Parameters: k = 3,41116233742442 p = 0,584038474796624 DF =6 X ² = 4,3429 P(X ²) = 0,6304	Input data: NosK2_5er.dat* Distribution: Negative binomial (k,p) Sample size: 371 Best method is Method 1 of 3 min. size: 7 k = 1,48971122374713 p = 0,384370417530664 DF =6 X ² = 11,9342 P(X ²) = 0,0635	Input data: NosK3_5er.dat# Distribution: Negative binomial (k,p) Sample size: 53 Best method is Method 1 of 3 Parameters: k = 3,0365461714379 p = 0,523056205194549 DF =6 X ² = 1,8493 P(X ²) = 0,9330									
X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	13	11,019	1	71	89,284	16	1	0,2688	1	9	7,4069
2	14	15,635	2	101	81,883	17	0	0,1706	2	11	10,727
3	16	14,344	3	53	62,753	18	2	0,108	3	9	10,326
4	11	10,762	4	48	44,939	19	0	0,0683	4	6	8,2681
5	5	7,1751	5	31	31,053	20	1	0,1165	5	7	5,9512
6	5	4,4238	6	20	20,989				6	5	3,9945
7	1	2,5796	7	19	13,976				7	2	2,5518
8	3	1,4426	8	13	9,2061				8	2	1,5711
9	1	1,6186	9	3	6,0145				9	1	0,9401
			10	3	3,9042				10	1	1,2632
			11	1	2,5212						
			12	2	1,6212						
			13	1	1,0388						

14 1 0,6636
 15 0 0,4228

Input data: BL_5er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 400
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,49319958987533
 p = 0,423836016237882
 DF =9
 X² = 6,2542 P(X²) = 0,7142

Input data: Me_5er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 515
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,64760191191543
 p = 0,381987414166122
 DF =12
 X² = 16,8662 P(X²) = 0,1547

Input data: MeK1_5er.dat#
 Distribution: Negative binomial (k,p)
 Sample size: 44
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,42459068012466
 p = 0,451950481539818
 DF =7
 X² = 2,3313 P(X²) = 0,9393

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	121	111,02	1	94	105,48	16	1	0,5137	1	6	6,4149
2	89	95,512	2	93	107,41	17	0	0,3303	2	8	8,5241
3	68	68,601	3	107	87,874	18	1	0,2119	3	8	7,9992
4	46	46,023	4	79	66,03	19	0	0,1357	4	8	6,4657
5	31	29,787	5	50	47,414	20	0	0,0867	5	5	4,8056
6	14	18,855	6	33	33,098	21	0	0,0553	6	5	3,3841
7	12	11,756	7	22	22,663	22	0	0,0352	7	1	2,295
8	9	7,2509	8	12	15,302	23	0	0,0224	8	1	1,5137
9	5	4,4352	9	7	10,222	24	0	0,0142	9	0	0,9773
10	4	2,6955	10	4	6,772	25	1	0,0246	10	1	0,6204
11	0	1,6296	11	2	4,4562				11	0	0,3885
12	1	2,4379	12	4	2,9161				12	0	0,2405
			13	2	1,8995				13	0	0,1474
			14	2	1,2324				14	1	0,2237
			15	1	0,7968						

Input data: MeK2_5er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 37
 Method 2 of 3
 Parameters:
 k = 3,98474116187387
 p = 0,646974748081702
 DF =4
 X² = 3,3764 P(X²) = 0,4969

Input data: MeK3_5er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 47
 Method 1 of 3
 Parameters:
 k = 1,18373973777723
 p = 0,3159498323444596
 DF =7
 X² = 13,0874 P(X²) = 0,0700

Input data: MeK4_5er.dat#
 Distribution: Negative binomial (k,p)
 Sample size: 35
 Method 1 of 3
 Parameters:
 k = 1,12727565229198
 p = 0,253252735630537
 DF =8
 X² = 7,4485 P(X²) = 0,4891

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	6	6,5258	1	9	12,016	16	0	0,0725	1	6	7,4423
2	5	9,18	2	9	9,7302	17	0	0,0502	2	8	6,2649
3	11	8,0772	3	9	7,2674	18	0	0,0347	3	8	4,976
4	7	5,6884	4	7	5,2757	19	0	0,024	4	2	3,8735
5	4	3,5066	5	3	3,7746	20	0	0,0166	5	1	2,9845
6	2	1,9769	6	1	2,6769	21	0	0,0114	6	2	2,2854
7	0	1,0451	7	6	1,8872	22	0	0,0079	7	3	1,7428
8	0	0,5262	8	2	1,3248	23	0	0,0054	8	0	1,3251
9	0	0,2551	9	0	0,9271	24	0	0,0037	9	1	1,0053
10	2	0,2186	10	0	0,6471	25	1	0,0083	10	1	0,7613
			11	0	0,4508				11	0	0,5757
			12	0	0,3135				12	0	0,4349
			13	0	0,2177				13	2	0,3282
			14	0	0,1511				14	0	0,2475

15 0 0,1047

15 1 0,7525

Input data: MeK5_5er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 22
 Best method is Method 1 of 3
 Parameters:
 k = 2,82751011475391
 p = 0,405585897187757
 DF =7
 X² = 1,9912 P(X²) = 0,9603

Input data: MeK6_5er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 134
 Best method is Method 2 of 3
 Parameters:
 k = 1,4667966735887
 p = 0,360945999060492
 DF =10
 X² = 7,3419 P(X²) = 0,6928

Input data: MeK7_5er.dat#
 Distribution: Negative binomial (k,p)
 Sample size: 52
 Best method is Method 1 of 3
 Parameters:
 k = 0,81142919667818
 p = 0,239254910841588
 DF =8
 X² = 2,6378 P(X²) = 0,9550

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	1,715	1	25	30,058	1	16	16,293	17	0	0,105
2	3	2,8825	2	28	28,175	2	9	10,057	18	1	0,321
3	3	3,279	3	25	22,208	3	8	6,9297			
4	3	3,1364	4	21	16,4	4	6	4,9404			
5	4	2,7161	5	13	11,704	5	3	3,5812			
6	1	2,2046	6	5	8,1777	6	4	2,6216			
7	1	1,7096	7	8	5,6326	7	1	1,9317			
8	1	1,2815	8	3	3,8395	8	1	1,4299			
9	2	0,9357	9	2	2,5968	9	1	1,0622			
10	0	0,6692	10	0	1,7456	10	0	0,7911			
11	0	0,4705	11	1	1,1676	11	1	0,5905			
12	2	1	12	2	0,7778	12	0	0,4415			
			13	0	0,5164	13	0	0,3306			
			14	0	0,3419	14	1	0,2479			
			15	0	0,2258	15	0	0,186			
			16	1	0,4324	16	0	0,1397			

Input data: MeK8_5er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 44
 Best method is Method 2 of 3
 Parameters:
 k = 4,33903891546438
 p = 0,625296376087658
 DF =4
 X² = 6,6183 P(X²) = 0,1575

Input data: MeK9_5er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 32
 Best method is Method 1 of 3
 Parameters:
 k = 4,26697972734002
 p = 0,698198430451954
 DF =3
 X² = 11,7414 P(X²) = 0,0083

Input data: MeK10_5er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 27
 Best method is Method 1 of 3
 Parameters:
 k = 9,10468607665051
 p = 0,781058303481183
 DF =4
 X² = 2,5354 P(X²) = 0,6383

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	8	5,7367	1	4	6,9089	1	4	2,8463
2	7	9,327	2	6	8,8972	2	4	5,6738
3	8	9,3296	3	14	7,0714	3	7	6,2762
4	8	7,3868	4	5	4,4583	4	4	5,0864
5	6	5,0783	5	0	2,4444	5	5	3,37
6	6	3,1736	6	0	1,2198	6	1	1,9338
7	1	3,968	7	0	0,5686	7	1	0,9953
			8	2	0,2517	8	1	0,8182
			9	1	0,1797			

Input data: MeK11_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 41
 Best method is
 Method 1 of 3
 Parameters:
 k = 7,26084984591263
 p = 0,736838132525803
 DF =5

Input data: Markera_5er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 545
 Best method is
 Method 2 of 3
 Parameters:
 k = 1,93425610604549
 p = 0,632437932926519
 DF =5

Input data: Dama_5er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 315
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,12989036636667
 p = 0,2992506673765
 DF =13

X² = 9,6327 P(X²) = 0,0863

X² = 2,9005 P(X²) = 0,7153

X² = 15,7410 P(X²) = 0,2634

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	8	4,4647	1	217	224,65	1	71	80,591	16	1	0,5908
2	6	8,5311	2	159	159,72	2	66	63,81	17	1	0,4174
3	6	9,273	3	85	86,131	3	56	47,619	18	0	0,2947
4	8	7,5331	4	44	41,517	4	30	34,814	19	0	0,208
5	6	5,0853	5	22	18,824	5	31	25,188	20	0	0,1468
6	6	3,014	6	12	8,212	6	23	18,109	21	0	0,1035
7	0	1,6208	7	3	3,4884	7	15	12,964	22	0	0,073
8	1	1,478	8	0	1,4533	8	4	9,2534	23	0	0,0514
			9	3	1	9	4	6,5896	24	0	0,0363
						10	3	4,6843	25	1	0,0863
						11	2	3,3252			
						12	4	2,3576			
						13	0	1,67			
						14	1	1,1819			
						15	2	0,8359			

Input data: DamaK1_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 45
 Method 1 of 3
 Parameters:
 k = 2,18863868420753
 p = 0,406957966181421
 DF =7

Input data: DamaK2_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 103
 Method 1 of 3
 min. size: 7
 k = 0,876699267407001
 p = 0,275930981788037
 DF =3

Input data: DamaK3_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 113
 Method 1 of 3
 min. size: 7
 k = 1,51678625633978
 p = 0,399795271426647
 DF =3

X² = 4,8824 P(X²) = 0,6743

X² =6,1093 P(X²) = 0,1064

X² = 2,5124 P(X²) = 0,4731

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	6	6,29	1	28	33,31	16	1	0,172	1	27	28,13	16	0	0,062
2	9	8,164	2	21	21,15	17	0	0,124	2	23	25,61	17	1	0,101
3	3	7,719	3	22	14,37	18	0	0,089	3	23	19,34			
4	9	6,392	4	4	9,975	19	0	0,064	4	10	13,61			
5	6	4,917	5	12	7	20	0	0,046	5	8	9,223			
6	4	3,609	6	7	4,944	21	0	0,033	6	9	6,108			
7	3	2,564	7	3	3,506	22	0	0,024	7	5	3,982			
8	1	1,779	8	1	2,494	23	0	0,017	8	0	2,566			
9	1	1,212	9	0	1,778	24	0	0,012	9	3	1,64			
10	1	0,814	10	0	1,27	25	1	0,032	10	2	1,041			
11	0	0,54	11	1	0,908				11	1	0,657			
12	0	0,355	12	2	0,65				12	1	0,413			
13	0	0,231	13	0	0,466				13	0	0,259			
14	1	0,15	14	0	0,334				14	0	0,161			

15 1 0,264 15 0 0,24

15 0 0,1

Input data: DamaK4_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 54
 Best method is
 Method 3 of 3
 Parameters:
 k = 1,56677241892634
 p = 0,39330282982921
 DF = 6
 X² = 2,7586 P(X²) = 0,8385

Input data: Futljar_5er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 256
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,70149555062043
 p = 0,396856471117189
 DF = 10
 X² = 4,8335 P(X²) = 0,9020

Input data: Malciki_5er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 148
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,36674284030774
 p = 0,424369019832452
 DF = 7
 X² = 3,6028 P(X²) = 0,8242

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	10	12,515	1	49	53,127	16	0	0,2065	1	43	45,865
2	13	11,896	2	54	54,522	17	1	0,3477	2	42	36,084
3	8	9,2625	3	50	44,418				3	24	24,58
4	7	6,6812	4	35	33,055				4	13	15,879
5	5	4,6278	5	24	23,434				5	8	9,9782
6	3	3,126	6	16	16,117				6	7	6,1651
7	4	2,0757	7	11	10,857				7	6	3,7657
8	2	1,3613	8	5	7,2047				8	2	2,2812
9	0	0,8844	9	2	4,7265				9	1	1,3734
10	0	0,5703	10	4	3,073				10	1	0,8228
11	0	0,3656	11	1	1,9835				11	0	0,491
12	1	0,2333	12	1	1,2726				12	0	0,292
13	0	0,1482	13	2	0,8124				13	1	0,423
14	0	0,0938	14	1	0,5165						
15	1	0,1591	15	0	0,3271						

Input data: Zapiski_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 572
 Best method is
 Method 2 of 5
 Parameters:
 a = 294,124049315976
 b = 305,916297284664
 DF =39
 $X^2 = 85,9882$ $P(X^2) = 0,0000$

Input data: Nevskij_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 607
 Best method is
 Method 3 of 5
 Parameters:
 a = 771,40056945165
 b = 790,685583687941
 DF =60
 $X^2 = 121,2823$ $P(X^2) = 0,0000$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	6	39,48	41	1	0,71	1	4	26,75	41	3	3,774	81	0	0,078
2	15	37,96	42	0	0,603	2	4	26,09	42	1	3,505	82	0	0,069
3	41	36,37	43	1	0,511	3	16	25,43	43	3	3,251	83	0	0,061
4	39	34,74	44	1	0,432	4	21	24,74	44	1	3,012	84	1	0,054
5	48	33,08	45	0	0,365	5	24	24,05	45	3	2,787	85	0	0,047
6	46	31,39	46	0	0,306	6	29	23,34	46	1	2,575	86	0	0,042
7	41	29,7	47	1	0,257	7	23	22,63	47	3	2,377	87	0	0,037
8	30	28,01	48	0	0,215	8	28	21,91	48	3	2,192	88	0	0,032
9	37	26,32	49	0	0,179	9	29	21,19	49	1	2,018	89	0	0,029
10	26	24,66	50	0	0,149	10	32	20,47	50	0	1,856	90	0	0,025
11	25	23,04	51	0	0,123	11	24	19,74	51	1	1,706	91	0	0,022
12	22	21,45	52	2	0,102	12	26	19,02	52	3	1,565	92	0	0,019
13	25	19,9	53	0	0,084	13	15	18,3	53	0	1,434	93	1	0,017
14	14	18,41	54	0	0,069	14	29	17,59	54	0	1,313	94	0	0,015
15	16	16,98	55	0	0,057	15	21	16,88	55	1	1,2	95	0	0,013
16	13	15,61	56	0	0,046	16	12	16,18	56	2	1,096	96	0	0,011
17	17	14,31	57	1	0,192	17	23	15,5	57	0	1	97	0	0,01
18	10	13,07				18	24	14,82	58	0	0,911	98	0	0,009
19	9	11,91				19	21	14,15	59	0	0,829	99	0	0,007
20	16	10,81				20	12	13,5	60	1	0,754	100	0	0,006
21	7	9,789				21	10	12,86	61	1	0,684	101	0	0,006
22	9	8,834				22	13	12,24	62	0	0,62	102	0	0,005
23	3	7,948				23	11	11,63	63	1	0,562	103	0	0,004
24	4	7,129				24	15	11,04	64	1	0,508	104	0	0,004
25	6	6,375				25	7	10,47	65	1	0,459	105	0	0,003
26	7	5,683				26	8	9,91	66	0	0,415	106	0	0,003
27	4	5,051				27	14	9,372	67	0	0,374	107	1	0,016
28	4	4,476				28	8	8,852	68	0	0,337			
29	2	3,955				29	3	8,351	69	0	0,303			
30	4	3,483				30	11	7,869	70	1	0,272			
31	4	3,059				31	10	7,405	71	0	0,244			
32	2	2,678				32	4	6,961	72	0	0,219			
33	4	2,338				33	9	6,535	73	0	0,196			
34	2	2,035				34	3	6,127	74	1	0,175			
35	2	1,766				35	6	5,738	75	0	0,156			
36	2	1,528				36	3	5,368	76	0	0,14			
37	2	1,319				37	6	5,015	77	0	0,124			
38	1	1,134				38	9	4,679	78	0	0,111			
39	0	0,973				39	2	4,361	79	0	0,098			
40	0	0,832				40	2	4,06	80	0	0,087			

Input data: Nos_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 493
 Best method is
 Method 4 of 5
 Parameters:
 a = 1294,69266516316
 b = 1354,24879899901
 DF =57
 $X^2 = 75,4829$ $P(X^2) = 0,0511$

Input data: NosK1_1er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 69
 Best method is
 Method 2 of 5
 Parameters:
 a = 186,421697552946
 b = 180,245894667189
 DF =30
 $X^2 = 27,8688$ $P(X^2) = 0,5774$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	8	26,801	41	3	2,5069	81	0	0,0744	1	0	2,5161
2	16	25,623	42	1	2,3279	82	0	0,0671	2	4	2,6023
3	22	24,478	43	0	2,1602	83	0	0,0606	3	6	2,6766
4	19	23,367	44	0	2,003	84	0	0,0546	4	2	2,7379
5	28	22,29	45	1	1,856	85	0	0,0492	5	1	2,7854
6	33	21,247	46	2	1,7186	86	0	0,0443	6	4	2,8183
7	26	20,238	47	1	1,5901	87	1	0,0398	7	1	2,8362
8	21	19,262	48	0	1,4703	88	1	0,0358	8	5	2,8388
9	26	18,321	49	0	1,3585	89	0	0,0322	9	1	2,8263
10	20	17,412	50	1	1,2543	90	0	0,0289	10	3	2,7989
11	21	16,536	51	0	1,1572	91	0	0,0259	11	3	2,7572
12	11	15,693	52	0	1,067	92	0	0,0232	12	4	2,7018
13	14	14,882	53	0	0,983	93	0	0,0208	13	1	2,6336
14	14	14,103	54	1	0,905	94	0	0,0186	14	3	2,5538
15	18	13,354	55	0	0,8326	95	0	0,0167	15	5	2,4636
16	12	12,637	56	0	0,7655	96	0	0,0149	16	2	2,3644
17	17	11,948	57	1	0,7033	97	1	0,1189	17	3	2,2575
18	10	11,29	58	1	0,6456				18	1	2,1445
19	12	10,659	59	0	0,5923				19	3	2,0268
20	14	10,057	60	0	0,543				20	2	1,9059
21	9	9,4816	61	0	0,4975				21	1	1,7833
22	12	8,9327	62	0	0,4554				22	2	1,6602
23	9	8,4094	63	1	0,4166				23	2	1,5379
24	6	7,9111	64	0	0,3809				24	0	1,4175
25	7	7,4369	65	0	0,3479				25	0	1,3002
26	10	6,986	66	0	0,3176				26	0	1,1867
27	5	6,5577	67	0	0,2897				27	1	1,0779
28	5	6,1512	68	1	0,2641				28	2	0,9743
29	9	5,7658	69	0	0,2406				29	1	0,8764
30	1	5,4006	70	0	0,219				30	1	0,7845
31	9	5,0548	71	0	0,1992				31	0	0,699
32	7	4,7278	72	0	0,1811				32	0	0,6198
33	3	4,4187	73	0	0,1645				33	0	0,5469
34	2	4,1269	74	0	0,1494				34	0	0,4804
35	1	3,8515	75	0	0,1355				35	1	0,42
36	6	3,592	76	1	0,1228				36	2	0,3654
37	4	3,3475	77	0	0,1113				37	1	0,3165
38	2	3,1174	78	0	0,1007				38	0	0,2728
39	3	2,9011	79	0	0,0911				39	0	0,2341
40	3	2,6978	80	0	0,0823				40	0	0,2

Input data: NosK2_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 371
 Best method is
 Method 2 of 5
 Parameters:
 a = 1943,73767027734
 b = 2049,24607610164
 DF =54
 $X^2 = 84,5287$ $P(X^2) = 0,0050$

Input data: NosK3_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 53
 Best method is
 Method 2 of 5
 Parameters:
 a = 240,168045238005
 b = 234,104309871034
 DF =29
 $X^2 = 16,8964$ $P(X^2) = 0,9638$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	6	21,59	41	2	1,785	81	0	0,069	1	2	1,822	41	0	0,215
2	11	20,48	42	1	1,661	82	0	0,063	2	1	1,869	42	0	0,189
3	14	19,41	43	0	1,545	83	0	0,057	3	2	1,909	43	0	0,165
4	15	18,39	44	0	1,436	84	0	0,052	4	2	1,942	44	0	0,143
5	25	17,42	45	0	1,334	85	0	0,048	5	2	1,967	45	1	0,124
6	25	16,49	46	2	1,238	86	0	0,043	6	4	1,984	46	0	0,107
7	25	15,61	47	0	1,149	87	1	0,039	7	0	1,993	47	1	0,587
8	14	14,76	48	0	1,066	88	1	0,036	8	2	1,993			
9	22	13,95	49	0	0,989	89	0	0,033	9	3	1,986			
10	15	13,18	50	1	0,916	90	0	0,03	10	2	1,97			
11	18	12,45	51	0	0,849	91	0	0,027	11	0	1,946			
12	4	11,75	52	0	0,786	92	0	0,025	12	3	1,915			
13	9	11,09	53	0	0,727	93	0	0,022	13	4	1,876			
14	10	10,45	54	1	0,673	94	0	0,02	14	1	1,831			
15	12	9,853	55	0	0,622	95	0	0,018	15	1	1,779			
16	9	9,282	56	0	0,575	96	0	0,017	16	1	1,722			
17	13	8,74	57	1	0,531	97	1	0,155	17	1	1,661			
18	7	8,226	58	1	0,49				18	2	1,595			
19	9	7,738	59	0	0,453				19	0	1,525			
20	10	7,276	60	0	0,417				20	2	1,453			
21	6	6,838	61	0	0,385				21	2	1,379			
22	8	6,423	62	0	0,355				22	2	1,303			
23	6	6,031	63	1	0,327				23	1	1,227			
24	5	5,66	64	0	0,301				24	1	1,15			
25	6	5,309	65	0	0,277				25	1	1,075			
26	7	4,977	66	0	0,255				26	3	1			
27	3	4,664	67	0	0,234				27	1	0,927			
28	3	4,368	68	1	0,215				28	0	0,856			
29	7	4,09	69	0	0,198				29	1	0,787			
30	0	3,827	70	0	0,181				30	0	0,721			
31	9	3,579	71	0	0,166				31	0	0,659			
32	6	3,346	72	0	0,153				32	1	0,599			
33	2	3,126	73	0	0,14				33	1	0,543			
34	2	2,92	74	0	0,128				34	0	0,49			
35	0	2,725	75	0	0,117				35	0	0,44			
36	3	2,543	76	1	0,108				36	1	0,394			
37	3	2,372	77	0	0,098				37	0	0,352			
38	2	2,211	78	0	0,09				38	0	0,313			
39	3	2,06	79	0	0,082				39	0	0,277			
40	2	1,918	80	0	0,075				40	1	0,245			

Input data: BL_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 400
 Best method is
 Method 2 of 5
 Parameters:
 a = 578,415987958213
 b = 605,710475286978
 DF =45
 $X^2 = 28,6171$ $P(X^2) = 0,9728$

Input data: Me_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 515
 Best method is
 Method 1 of 5
 min.size: 15
 a = 177,41213607392
 b = 166,977963589427
 DF =24
 $X^2 = 42,7667$ $P(X^2) = 0,0106$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	17	25,37	42	1	1,019	1	5	13,43	42	1	1,694	83	0	0,00
2	24	24,22	43	0	0,911	2	24	14,27	43	1	1,445	84	0	0
3	27	23,09	44	1	0,814	3	20	15,07	44	3	1,227	85	0	0
4	28	21,98	45	1	0,725	4	23	15,83	45	1	1,036	86	0	0
5	25	20,89	46	1	0,646	5	22	16,52	46	1	0,871	87	0	0
6	16	19,81	47	1	0,574	6	22	17,14	47	0	0,729	88	1	0
7	20	18,77	48	0	0,51	7	19	17,68	48	0	0,608	89	0	0
8	20	17,75	49	1	0,452	8	21	18,13	49	0	0,504	90	0	0
9	15	16,75	50	1	0,4	9	17	18,49	50	3	0,416	91	0	0
10	18	15,79	51	0	0,353	10	14	18,75	51	1	0,342	92	0	0
11	16	14,86	52	0	0,311	11	13	18,9	52	1	0,279	93	0	0
12	18	13,96	53	0	0,274	12	26	18,95	53	0	0,227	94	0	0
13	12	13,09	54	0	0,241	13	26	18,89	54	0	0,184	95	0	0
14	12	12,26	55	0	0,212	14	26	18,72	55	0	0,149	96	0	0
15	10	11,46	56	1	1,401	15	16	18,46	56	1	0,119	97	0	0
16	11	10,7				16	17	18,09	57	0	0,095	98	0	0
17	11	9,967				17	22	17,64	58	0	0,076	99	0	0
18	7	9,273				18	18	17,1	59	1	0,06	100	0	0
19	8	8,613				19	8	16,49	60	2	0,047	101	0	0
20	9	7,988				20	14	15,82	61	1	0,037	102	0	0
21	10	7,396				21	11	15,09	62	0	0,029	103	0	0
22	8	6,837				22	12	14,32	63	0	0,023	104	0	0
23	5	6,31				23	7	13,51	64	0	0,018	105	0	0
24	7	5,814				24	10	12,68	65	1	0,014	106	0	0
25	1	5,349				25	10	11,85	66	1	0,01	107	0	0
26	2	4,914				26	5	11	67	0	0,008	108	0	0
27	3	4,506				27	7	10,17	68	0	0,006	109	0	0
28	5	4,126				28	7	9,349	69	1	0,005	110	0	0
29	1	3,772				29	6	8,551	70	0	0,004	111	0	0
30	3	3,443				30	8	7,78	71	1	0,003	112	0	0
31	4	3,137				31	4	7,043	72	0	0,002	113	0	0
32	1	2,855				32	3	6,344	73	0	0,002	114	0	0
33	2	2,593				33	4	5,685	74	0	0,001	115	0	0
34	3	2,352				34	6	5,069	75	0	0,00	116	0	0
35	2	2,13				35	5	4,497	76	0	0,00	117	0	0
36	4	1,926				36	3	3,969	77	0	0,00	118	0	0
37	2	1,739				37	4	3,487	78	1	0,00	119	0	0
38	0	1,567				38	3	3,047	79	0	0,00	120	0	0
39	1	1,411				39	2	2,651	80	0	0,00	121	0	0
40	2	1,267				40	0	2,294	81	0	0,00	122	0	0

41 2 1,137

41 1 1,976 82 0 0,00 123 1 0

Input data: MeK1_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 44
 Best method is
 Method 5 of 5
 Parameters:
 a = 135,116545151432
 b = 123,009262941753
 DF =26
 $X^2 = 18,9966$ $P(X^2) = 0,8366$

Input data: MeK2_1er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 37
 Best method is
 Method 5 of 5
 Parameters:
 a = 98,6250174886493
 b = 87,4524166192994
 DF =23
 $X^2 = 13,0446$ $P(X^2) = 0,9510$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	0,9349	41	0	0,1267	1	0	0,8035	41	0	0,0397
2	3	1,0269	42	0	0,105	2	2	0,9061	42	0	0,0307
3	2	1,1188	43	0	0,0865	3	2	1,0104	43	0	0,0236
4	0	1,2093	44	0	0,0708	4	1	1,114	44	0	0,018
5	1	1,2967	45	0	0,0577	5	1	1,2146	45	0	0,0136
6	2	1,3795	46	0	0,0466	6	1	1,3099	46	1	0,0102
7	3	1,4561	47	0	0,0375	7	0	1,3973	47	0	0,0076
8	1	1,525	48	0	0,03	8	0	1,4747	48	0	0,0056
9	1	1,5849	49	0	0,0238	9	2	1,5398	49	0	0,0041
10	1	1,6346	50	1	0,0188	10	2	1,591	50	1	0,0104
11	1	1,6731	51	0	0,0148	11	2	1,6268			
12	1	1,6996	52	0	0,0116	12	1	1,6464			
13	3	1,7136	53	0	0,009	13	3	1,6493			
14	3	1,715	54	0	0,0069	14	4	1,6356			
15	0	1,7037	55	0	0,0053	15	1	1,6058			
16	2	1,6802	56	0	0,0041	16	2	1,5611			
17	3	1,645	57	0	0,0031	17	1	1,5027			
18	2	1,5989	58	0	0,0023	18	2	1,4326			
19	1	1,543	59	0	0,0017	19	0	1,3527			
20	0	1,4785	60	0	0,0013	20	2	1,2651			
21	2	1,4068	61	0	0,001	21	1	1,1721			
22	1	1,3291	62	0	0,0007	22	1	1,0758			
23	1	1,2471	63	0	0,0005	23	0	0,9783			
24	0	1,162	64	0	0,0004	24	1	0,8815			
25	1	1,0753	65	0	0,0003	25	1	0,7871			
26	2	0,9883	66	0	0,0002	26	0	0,6966			
27	3	0,9022	67	0	0,0001	27	0	0,6109			
28	0	0,8181	68	0	0,0001	28	0	0,5311			
29	0	0,7369	69	1	0,0002	29	1	0,4576			
30	0	0,6593				30	1	0,3909			
31	0	0,5861				31	0	0,3311			
32	0	0,5175				32	0	0,278			
33	0	0,454				33	0	0,2315			
34	1	0,3958				34	0	0,1911			
35	0	0,3428				35	0	0,1565			
36	1	0,295				36	0	0,1271			
37	0	0,2522				37	0	0,1023			
38	0	0,2143				38	0	0,0818			
39	0	0,181				39	0	0,0648			
40	0	0,1519				40	0	0,0509			

Input data: MeK3_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 47
 Best method is
 Method 1 of 5
 Parameters:
 a = 265,524681941968
 b = 263,184846666061
 DF =26
 $X^2 = 31,3526$ $P(X^2) = 0,2154$

Input data: MeK4_1er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 35
 Best method is
 Method 2 of 5
 Parameters:
 a = 7523,41332227083
 b = 7889,79435472559
 DF =24
 $X^2 = 18,9845$ $P(X^2) = 0,7528$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	1,923	42	0	0,142	83	0	0	1	0	1,704	42	0	0,219
2	4	1,94	43	0	0,124	84	0	0	2	1	1,625	43	0	0,207
3	0	1,95	44	0	0,108	85	0	0	3	1	1,549	44	1	0,197
4	2	1,953	45	0	0,094	86	0	0	4	3	1,477	45	0	0,187
5	3	1,948	46	0	0,081	87	0	0	5	1	1,408	46	0	0,177
6	1	1,936	47	0	0,07	88	0	0	6	3	1,342	47	0	0,168
7	1	1,916	48	0	0,06	89	0	0	7	3	1,279	48	0	0,159
8	1	1,89	49	0	0,051	90	0	0	8	1	1,218	49	0	0,151
9	3	1,858	50	0	0,044	91	0	0	9	1	1,161	50	1	0,143
10	3	1,819	51	0	0,037	92	0	0	10	0	1,106	51	0	0,135
11	0	1,775	52	0	0,032	93	0	0	11	1	1,053	52	0	0,128
12	5	1,725	53	0	0,027	94	0	0	12	1	1,003	53	0	0,122
13	1	1,67	54	0	0,023	95	0	0	13	4	0,955	54	0	0,115
14	1	1,612	55	0	0,019	96	0	0	14	1	0,909	55	0	0,109
15	2	1,549	56	0	0,016	97	0	0	15	1	0,866	56	0	0,103
16	1	1,484	57	0	0,013	98	0	0	16	0	0,824	57	0	0,098
17	1	1,417	58	0	0,011	99	0	0	17	0	0,784	58	0	0,093
18	2	1,347	59	0	0,009	100	0	0	18	1	0,746	59	0	0,088
19	0	1,277	60	0	0,008	101	0	0	19	1	0,71	60	0	0,083
20	3	1,206	61	0	0,006	102	0	0	20	0	0,676	61	1	0,079
21	1	1,135	62	0	0,005	103	0	0	21	1	0,643	62	0	0,074
22	0	1,064	63	0	0,004	104	0	0	22	0	0,611	63	0	0,07
23	0	0,994	64	0	0,003	105	0	0	23	0	0,581	64	0	0,067
24	2	0,925	65	0	0,003	106	0	0	24	0	0,553	65	1	0,063
25	0	0,859	66	0	0,002	107	0	0	25	0	0,526	66	0	0,06
26	0	0,794	67	0	0,002	108	0	0	26	1	0,5	67	0	0,056
27	0	0,731	68	0	0,002	109	0	0	27	1	0,475	68	0	0,053
28	1	0,672	69	0	0,001	110	0	0	28	0	0,452	69	0	0,05
29	0	0,615	70	0	0,00	111	0	0	29	0	0,429	70	0	0,048
30	0	0,56	71	0	0,00	112	0	0	30	0	0,408	71	1	0,792
31	2	0,509	72	0	0,00	113	0	0	31	1	0,387			
32	1	0,461	73	0	0,00	114	0	0	32	1	0,368			
33	1	0,416	74	0	0,00	115	0	0	33	0	0,35			
34	2	0,374	75	0	0,00	116	0	0	34	0	0,332			
35	0	0,336	76	0	0,00	117	0	0	35	1	0,315			
36	1	0,3	77	0	0,00	118	0	0	36	0	0,299			
37	1	0,267	78	0	0,00	119	0	0	37	0	0,284			
38	0	0,237	79	0	0,00	120	0	0	38	0	0,27			
39	0	0,21	80	0	0,00	121	0	0	39	0	0,256			
40	0	0,185	81	0	0,00	122	0	0	40	0	0,243			

41 0 0,162 82 0 0,00 123 1 0 41 0 0,231

Input data: MeK5_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 22
 Best method is
 Method 2 of 5
 Parameters:
 a = 457,919267455337
 b = 446,068325001532
 DF =16

$$X^2 = 10,6429 \quad P(X^2) = 0,8310$$

Input data: MeK6_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 134
 Best method is
 Method 2 of 5
 Parameters:
 a = 828,613028720121
 b = 859,310524743249
 DF =40

$$X^2 = 41,4556 \quad P(X^2) = 0,4070$$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	0,4736	41	0	0,2472	1	3	6,9458	41	0	0,663
2	0	0,4862	42	0	0,2328	2	8	6,6977	42	1	0,6108
3	1	0,498	43	0	0,2189	3	5	6,4509	43	0	0,5622
4	0	0,5089	44	1	0,2054	4	3	6,206	44	1	0,5168
5	1	0,519	45	1	0,1923	5	6	5,9635	45	0	0,4746
6	0	0,528	46	0	0,1797	6	4	5,7238	46	0	0,4354
7	1	0,536	47	0	0,1676	7	7	5,4874	47	0	0,3989
8	1	0,543	48	0	0,1559	8	9	5,2547	48	0	0,3651
9	1	0,5488	49	0	0,1448	9	5	5,026	49	0	0,3338
10	0	0,5534	50	0	0,1342	10	3	4,8018	50	0	0,3049
11	0	0,5569	51	0	0,1242	11	2	4,5823	51	0	0,2781
12	0	0,5592	52	0	0,1146	12	7	4,3677	52	1	0,2534
13	0	0,5602	53	0	0,1056	13	5	4,1585	53	0	0,2307
14	3	0,56	54	0	0,0971	14	6	3,9547	54	0	0,2098
15	0	0,5586	55	0	0,0891	15	5	3,7566	55	0	0,1905
16	0	0,556	56	1	0,0816	16	3	3,5643	56	0	0,1729
17	1	0,5522	57	0	0,0745	17	7	3,378	57	0	0,1567
18	1	0,5473	58	0	0,068	18	8	3,1978	58	0	0,1418
19	1	0,5412	59	0	0,0619	19	1	3,0237	59	1	0,1282
20	0	0,534	60	1	0,5279	20	2	2,8559	60	1	0,1158
21	2	0,5258				21	0	2,6943	61	0	0,1045
22	0	0,5166				22	4	2,539	62	0	0,0942
23	0	0,5065				23	3	2,3899	63	0	0,0848
24	0	0,4955				24	4	2,247	64	0	0,0763
25	2	0,4837				25	2	2,1102	65	0	0,0685
26	0	0,4712				26	0	1,9795	66	0	0,0615
27	0	0,4581				27	1	1,8549	67	0	0,0551
28	0	0,4443				28	1	1,7361	68	0	0,0494
29	0	0,4301				29	2	1,6231	69	0	0,0442
30	1	0,4155				30	1	1,5157	70	0	0,0395
31	0	0,4005				31	1	1,4138	71	0	0,0352
32	0	0,3852				32	0	1,3173	72	0	0,0314
33	1	0,3697				33	2	1,226	73	0	0,028
34	0	0,3542				34	2	1,1398	74	0	0,0249
35	0	0,3385				35	3	1,0584	75	0	0,0221
36	0	0,3229				36	1	0,9818	76	0	0,0196
37	0	0,3074				37	0	0,9097	77	0	0,0174
38	0	0,292				38	1	0,8419	78	1	0,1271
39	1	0,2768				39	1	0,7783			
40	0	0,2618				40	0	0,7187			

Input data: MeK7_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 52
 Best method is
 Method 1 of 5
 Parameters:
 a = 603,37881102071
 b = 614,566455562923
 DF =31

$X^2 = 24,1579$ $P(X^2) = 0,8040$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	2,2312	41	0	0,3088
2	3	2,1906	42	0	0,2846
3	2	2,1472	43	1	0,262
4	6	2,1013	44	0	0,2407
5	3	2,053	45	0	0,2209
6	4	2,0026	46	0	0,2024
7	1	1,9503	47	0	0,1852
8	2	1,8963	48	0	0,1691
9	1	1,8408	49	0	0,1542
10	1	1,7841	50	0	0,1405
11	3	1,7263	51	1	0,1277
12	2	1,6677	52	0	0,116
13	3	1,6086	53	0	0,1051
14	0	1,5491	54	0	0,0952
15	0	1,4894	55	0	0,086
16	2	1,4297	56	0	0,0776
17	2	1,3702	57	0	0,07
18	0	1,3111	58	0	0,0629
19	1	1,2526	59	0	0,0566
20	1	1,1948	60	0	0,0507
21	0	1,1379	61	0	0,0454
22	1	1,082	62	0	0,0407
23	0	1,0272	63	0	0,0363
24	1	0,9736	64	0	0,0324
25	1	0,9214	65	0	0,0288
26	0	0,8706	66	1	0,0256
27	1	0,8214	67	0	0,0228
28	0	0,7737	68	0	0,0202
29	2	0,7276	69	0	0,0179
30	1	0,6833	70	0	0,0158
31	0	0,6406	71	0	0,0139
32	1	0,5997	72	0	0,0123
33	0	0,5605	73	0	0,0108
34	0	0,523	74	0	0,0095
35	0	0,4873	75	0	0,0083
36	0	0,4534	76	0	0,0073
37	0	0,4212	77	0	0,0064
38	1	0,3906	78	0	0,0056
39	0	0,3617	79	0	0,0049
40	0	0,3345	80	0	0,0042

Input data: MeK8_1er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 44
 Best method is
 Method 1 of 5
 Parameters:
 a = 103,751561778682
 b = 94,160103756306
 DF =24

$X^2 = 29,0325$ $P(X^2) = 0,2189$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
81	0	0,0037	1	0	1,2031
82	0	0,0032	2	1	1,3256
83	0	0,0028	3	4	1,4453
84	0	0,0024	4	2	1,5594
85	0	0,0021	5	1	1,6652
86	0	0,0018	6	3	1,76
87	0	0,0016	7	1	1,8415
88	1	0,0091	8	2	1,9076
			9	0	1,9564
			10	1	1,9869
			11	0	1,9983
			12	1	1,9905
			13	1	1,9638
			14	3	1,9193
			15	3	1,8582
			16	3	1,7825
			17	1	1,6941
			18	0	1,5956
			19	2	1,4893
			20	2	1,3776
			21	1	1,2631
			22	3	1,1479
			23	2	1,0342
			24	0	0,9237
			25	0	0,818
			26	0	0,7182
			27	0	0,6254
			28	4	0,54
			29	0	0,4624
			30	2	0,3927
			31	0	0,3308
			32	0	0,2764
			33	0	0,2292
			34	0	0,1885
			35	1	0,7294

Input data: MeK9_1er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 32
 Best method is
 Method 1 of 5
 Parameters:
 a = 72,9572840460986
 b = 68,9821418697168
 DF =16
 $X^2 = 20,9787$ $P(X^2) = 0,1793$

X[i]	F[i]	NP[i]
1	0	1,7675
2	0	1,8693
3	1	1,9488
4	1	2,003
5	2	2,0302
6	2	2,0295
7	1	2,0013
8	0	1,9473
9	1	1,8698
10	2	1,772
11	3	1,6578
12	3	1,5314
13	3	1,3969
14	4	1,2585
15	1	1,1199
16	0	0,9846
17	3	0,8554
18	1	0,7343
19	0	0,6231
20	1	0,5226
21	0	0,4334
22	0	0,3553
23	0	0,2881
24	0	0,231
25	0	0,1832
26	0	0,1438
27	0	0,1116
28	0	0,0857
29	0	0,0652
30	0	0,049
31	0	0,0365
32	0	0,0269
33	0	0,0196
34	0	0,0142
35	0	0,0101
36	0	0,0072
37	1	0,005
38	1	0,0035
39	0	0,0024

Input data: MeK10_1er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 27
 Best method is
 Method 1 of 5
 Parameters:
 a = 200,30028503418
 b = 194,088153076172
 DF =18
 $X^2 = 9,5481$ $P(X^2) = 0,9457$

X[i]	F[i]	NP[i]
1	0	0,9647
2	1	0,9956
3	1	1,0222
4	1	1,0442
5	1	1,0612
6	1	1,0731
7	1	1,0796
8	2	1,0807
9	0	1,0765
10	0	1,067
11	0	1,0523
12	1	1,0328
13	2	1,0087
14	1	0,9804
15	3	0,9482
16	0	0,9127
17	1	0,8744
18	0	0,8336
19	1	0,791
20	2	0,7471
21	2	0,7022
22	1	0,657
23	0	0,6118
24	1	0,5671
25	1	0,5233
26	0	0,4806
27	0	0,4394
28	0	0,3999
29	0	0,3623
30	1	0,3267
31	0	0,2934
32	0	0,2622
33	0	0,2333
34	1	0,2067
35	0	0,1823
36	0	0,1601
37	1	0,9455

Input data: MeK11_1er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 41
 Best method is
 Method 2 of 5
 Parameters:
 a = 99,1611422431704
 b = 86,4382985506503
 DF =25
 $X^2 = 23,2614$ $P(X^2) = 0,5623$

X[i]	F[i]	NP[i]
1	0	0,7046
2	1	0,8083
3	1	0,9167
4	4	1,0278
5	2	1,1395
6	1	1,2494
7	0	1,355
8	2	1,4535
9	2	1,5425
10	1	1,6197
11	1	1,6829
12	4	1,7304
13	1	1,761
14	0	1,7739
15	0	1,769
16	4	1,7465
17	2	1,7073
18	1	1,6526
19	0	1,5843
20	1	1,5043
21	1	1,4147
22	1	1,318
23	1	1,2164
24	1	1,1124
25	2	1,0079
26	2	0,905
27	1	0,8053
28	1	0,7102
29	1	0,6208
30	1	0,5379
31	0	0,4621
32	0	0,3935
33	0	0,3323
34	0	0,2782
35	0	0,231
36	0	0,1902
37	1	0,735

40 0 0,0016
 41 1 0,0033
 Input data: Markera_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 545
 Best method is
 Method 4 of 5
 Parameters:
 a = 128,461386084069
 b = 132,410411190215
 DF =29
 $X^2 = 48,6939$ $P(X^2) = 0,0124$

Input data: Dama_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 315
 Best method is
 Method 2 of 5
 Parameters:
 a = 5545,87108739308
 b = 5873,82785732715
 DF =56
 $X^2 = 53,1459$ $P(X^2) = 0,5836$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	27	44,81	41	1	0,062	1	7	18,37	41	1	1,616	81	1	0,109
2	42	43,47	42	1	0,046	2	12	17,34	42	0	1,516	82	0	0,101
3	54	41,86	43	0	0,034	3	23	16,37	43	2	1,421	83	0	0,094
4	45	40,01	44	0	0,025	4	18	15,45	44	1	1,332	84	0	0,088
5	49	37,96	45	1	0,065	5	11	14,58	45	0	1,249	85	0	0,082
6	42	35,74				6	13	13,76	46	1	1,17	86	0	0,076
7	27	33,42				7	16	12,98	47	0	1,096	87	0	0,071
8	32	31,01				8	13	12,24	48	0	1,027	88	0	0,066
9	29	28,58				9	13	11,54	49	1	0,962	89	0	0,061
10	29	26,15				10	11	10,89	50	1	0,901	90	0	0,057
11	20	23,75				11	11	10,26	51	0	0,844	91	0	0,053
12	18	21,43				12	12	9,673	52	0	0,79	92	0	0,049
13	14	19,19				13	16	9,115	53	1	0,739	93	0	0,046
14	20	17,07				14	7	8,589	54	0	0,692	94	0	0,043
15	13	15,08				15	10	8,092	55	1	0,648	95	0	0,04
16	6	13,23				16	4	7,622	56	0	0,606	96	0	0,037
17	21	11,53				17	6	7,178	57	2	0,567	97	0	0,034
18	8	9,982				18	4	6,759	58	1	0,53	98	0	0,032
19	6	8,583				19	7	6,363	59	0	0,496	99	0	0,03
20	3	7,33				20	9	5,989	60	1	0,463	100	0	0,027
21	6	6,219				21	7	5,637	61	0	0,433	101	0	0,025
22	3	5,242				22	3	5,304	62	0	0,405	102	0	0,024
23	4	4,389				23	7	4,99	63	0	0,378	103	0	0,022
24	5	3,652				24	7	4,694	64	0	0,353	104	0	0,02
25	4	3,019				25	7	4,414	65	0	0,33	105	0	0,019
26	6	2,479				26	8	4,151	66	0	0,308	106	0	0,018
27	1	2,023				27	7	3,903	67	0	0,288	107	0	0,016
28	2	1,641				28	4	3,668	68	1	0,269	108	0	0,015
29	0	1,322				29	2	3,448	69	0	0,251	109	0	0,014
30	3	1,059				30	2	3,24	70	0	0,234	110	0	0,013
31	0	0,843				31	5	3,044	71	0	0,219	111	0	0,012
32	2	0,667				32	3	2,859	72	1	0,204	112	0	0,011
33	1	0,524				33	2	2,686	73	1	0,19	113	0	0,01
34	0	0,409				34	4	2,522	74	0	0,178	114	0	0,01
35	0	0,318				35	1	2,368	75	0	0,166	115	0	0,009
36	0	0,246				36	0	2,223	76	1	0,154	116	0	0,008
37	0	0,188				37	2	2,086	77	0	0,144	117	1	0,1
38	0	0,144				38	0	1,958	78	0	0,134			
39	0	0,109				39	1	1,837	79	0	0,125			
40	0	0,082				40	1	1,723	80	0	0,116			

Input data: DamaK1_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 45
 Best method is
 Method 5 of 5
 Parameters:
 a = 203,772191807619
 b = 189,332099032465
 DF =30
 $X^2 = 24,3140$ $P(X^2) = 0,7576$

Input data: DamaK2_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 103
 Best method is
 Method 5 of 5
 Parameters:
 a = 473,069161311852
 b = 479,240837095869
 DF =38
 $X^2 = 61,1233$ $P(X^2) = 0,0101$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	0,826	41	0	0,329	1	2	4,432	41	0	0,541	81	0	0,003
2	4	0,889	42	0	0,293	2	4	4,375	42	0	0,493	82	0	0,003
3	2	0,952	43	1	0,259	3	12	4,31	43	0	0,448	83	0	0,002
4	0	1,014	44	0	0,228	4	8	4,236	44	0	0,407	84	0	0,002
5	0	1,074	45	0	0,2	5	2	4,156	45	0	0,369	85	0	0,002
6	1	1,132	46	0	0,175	6	5	4,068	46	0	0,333	86	0	0,001
7	3	1,187	47	0	0,152	7	5	3,974	47	0	0,301	87	0	0,001
8	1	1,238	48	0	0,132	8	5	3,875	48	0	0,271	88	0	0,00
9	3	1,285	49	1	0,113	9	4	3,77	49	0	0,243	89	0	0,00
10	1	1,327	50	0	0,097	10	2	3,66	50	0	0,218	90	0	0,00
11	0	1,363	51	0	0,083	11	6	3,546	51	0	0,196	91	0	0,00
12	0	1,394	52	0	0,071	12	4	3,429	52	0	0,175	92	0	0,00
13	2	1,418	53	0	0,06	13	6	3,309	53	1	0,156	93	0	0,00
14	0	1,435	54	0	0,051	14	3	3,187	54	0	0,139	94	0	0,00
15	1	1,445	55	0	0,043	15	3	3,063	55	0	0,124	95	0	0,00
16	1	1,448	56	0	0,036	16	0	2,937	56	0	0,11	96	0	0,00
17	3	1,444	57	0	0,03	17	0	2,812	57	1	0,097	97	0	0,00
18	2	1,433	58	0	0,025	18	0	2,686	58	0	0,086	98	0	0,00
19	2	1,415	59	0	0,021	19	0	2,56	59	0	0,076	99	0	0,00
20	1	1,391	60	0	0,017	20	4	2,436	60	1	0,067	100	0	0,00
21	1	1,361	61	0	0,014	21	2	2,313	61	0	0,059	101	0	0,00
22	0	1,325	62	0	0,011	22	1	2,191	62	0	0,051	102	0	0,00
23	2	1,283	63	0	0,009	23	4	2,072	63	0	0,045	103	0	0,00
24	2	1,237	64	0	0,008	24	1	1,956	64	0	0,039	104	0	0
25	1	1,187	65	0	0,006	25	4	1,842	65	0	0,034	105	0	0
26	2	1,134	66	0	0,005	26	3	1,732	66	0	0,03	106	0	0
27	1	1,078	67	0	0,004	27	1	1,625	67	0	0,026	107	0	0
28	1	1,02	68	1	0,003	28	2	1,521	68	0	0,023	108	0	0
29	0	0,961	69	0	0,003	29	1	1,422	69	0	0,02	109	0	0
30	0	0,901	70	0	0,002	30	0	1,326	70	0	0,017	110	0	0
31	1	0,841	71	0	0,002	31	2	1,234	71	0	0,015	111	0	0
32	1	0,782	72	0	0,001	32	1	1,147	72	0	0,013	112	0	0
33	0	0,723	73	1	0,004	33	0	1,063	73	0	0,011	113	0	0
34	0	0,665				34	0	0,984	74	0	0,009	114	0	0
35	1	0,61				35	0	0,908	75	0	0,008	115	0	0
36	0	0,556				36	0	0,837	76	1	0,007	116	0	0
37	0	0,505				37	1	0,77	77	0	0,006	117	1	0
38	0	0,457				38	0	0,707	78	0	0,005			
39	0	0,412				39	0	0,648	79	0	0,004			
40	1	0,369				40	0	0,593	80	0	0,004			

Input data: DamaK3_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 113
 Best method is
 Method 2 of 5
 Parameters:
 a = 1723,95435231225
 b = 1812,54180316944
 DF =39

$X^2 = 28,8949$ $P(X^2) = 0,8818$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	6,393	42	0	0,5229
2	2	6,0805	43	1	0,4863
3	8	5,7802	44	1	0,4521
4	7	5,4916	45	0	0,42
5	7	5,2146	46	1	0,39
6	3	4,9488	47	0	0,362
7	5	4,694	48	0	0,3358
8	5	4,4498	49	0	0,3113
9	4	4,2161	50	1	0,2884
10	6	3,9924	51	0	0,2671
11	3	3,7785	52	0	0,2472
12	7	3,5741	53	0	0,2287
13	5	3,3789	54	0	0,2115
14	3	3,1926	55	1	0,1954
15	5	3,015	56	0	0,1805
16	2	2,8456	57	0	0,1666
17	3	2,6843	58	1	0,1537
18	1	2,5308	59	0	0,1418
19	2	2,3847	60	0	0,1306
20	2	2,2459	61	0	0,1203
21	3	2,114	62	0	0,1108
22	0	1,9887	63	0	0,102
23	0	1,8698	64	0	0,0938
24	4	1,7571	65	0	0,0862
25	1	1,6503	66	0	0,0792
26	3	1,5491	67	0	0,0727
27	3	1,4534	68	0	0,0667
28	1	1,3628	69	0	0,0612
29	1	1,2772	70	0	0,0561
30	1	1,1963	71	0	0,0514
31	1	1,1199	72	0	0,0471
32	0	1,0478	73	0	0,0431
33	2	0,9798	74	0	0,0394
34	2	0,9158	75	0	0,036
35	0	0,8554	76	0	0,0329
36	0	0,7986	77	0	0,0301
37	0	0,7452	78	0	0,0275
38	0	0,695	79	0	0,025
39	0	0,6478	80	0	0,0228
40	0	0,6035	81	1	0,2227

Input data: DamaK4_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 54
 Best method is
 Method 1 of 5
 Parameters:
 a = 370,155898149124
 b = 373,693831178615
 DF =29

$X^2 = 12,8216$ $P(X^2) = 0,9959$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	2,4339	41	0	0,2213
2	2	2,4108	42	0	0,198
3	1	2,3816	43	0	0,1767
4	3	2,3465	44	0	0,1574
5	2	2,3058	45	0	0,1398
6	4	2,2598	46	0	0,1239
7	3	2,2088	47	0	0,1095
8	2	2,1533	48	0	0,0966
9	2	2,0937	49	0	0,085
10	2	2,0304	50	0	0,0746
11	2	1,9639	51	0	0,0653
12	1	1,8946	52	0	0,0571
13	3	1,823	53	0	0,0497
14	1	1,7496	54	0	0,0433
15	1	1,6748	55	0	0,0375
16	1	1,599	56	0	0,0325
17	0	1,5227	57	1	0,028
18	1	1,4464	58	0	0,0242
19	3	1,3704	59	0	0,0208
20	2	1,295	60	0	0,0178
21	1	1,2207	61	0	0,0152
22	2	1,1477	62	0	0,013
23	1	1,0764	63	0	0,0111
24	0	1,0069	64	0	0,0094
25	1	0,9395	65	0	0,008
26	0	0,8745	66	0	0,0067
27	2	0,8119	67	0	0,0057
28	0	0,7519	68	0	0,0048
29	0	0,6946	69	0	0,004
30	1	0,64	70	0	0,0034
31	1	0,5883	71	0	0,0028
32	1	0,5394	72	1	0,0134
33	0	0,4934			
34	2	0,4502			
35	0	0,4097			
36	0	0,372			
37	1	0,3369			
38	0	0,3044			
39	1	0,2744			
40	0	0,2467			

41 1 0,5619

Input data: Futljar_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 256
 Best method is
 Method 2 of 5
 Parameters:
 a = 896,909395859559
 b = 932,664051033383
 DF =48
 $X^2 = 46,9774$ $P(X^2) = 0,5147$

Input data: Malciki_1er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 148
 Best method is
 Method 2 of 5
 Parameters:
 a = 836,720445123027
 b = 894,11322687472
 DF =33
 $X^2 = 37,2341$ $P(X^2) = 0,2804$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	13,58	41	0	1,247	81	0	0,022	1	4	11,15	41	0	0,332
2	9	13,06	42	1	1,15	82	0	0,02	2	9	10,43	42	1	0,297
3	13	12,55	43	1	1,059	83	1	0,142	3	11	9,75	43	0	0,266
4	13	12,04	44	0	0,974				4	14	9,104	44	0	0,238
5	13	11,54	45	0	0,896				5	5	8,491	45	0	0,212
6	13	11,05	46	1	0,823				6	12	7,911	46	0	0,189
7	12	10,57	47	1	0,755				7	12	7,362	47	0	0,169
8	7	10,1	48	1	0,692				8	7	6,843	48	1	0,15
9	10	9,642	49	1	0,633				9	3	6,354	49	0	0,134
10	12	9,194	50	0	0,579				10	8	5,894	50	0	0,119
11	10	8,757	51	0	0,529				11	3	5,46	51	0	0,105
12	15	8,332	52	0	0,483				12	4	5,053	52	0	0,093
13	8	7,919	53	0	0,44				13	9	4,672	53	0	0,083
14	10	7,519	54	1	0,401				14	6	4,314	54	0	0,073
15	7	7,131	55	0	0,365				15	2	3,979	55	0	0,065
16	7	6,756	56	0	0,332				16	4	3,666	56	0	0,057
17	12	6,394	57	0	0,301				17	1	3,374	57	0	0,05
18	8	6,045	58	0	0,273				18	5	3,102	58	0	0,044
19	6	5,71	59	1	0,248				19	0	2,849	59	0	0,039
20	2	5,387	60	0	0,224				20	3	2,613	60	0	0,034
21	6	5,077	61	0	0,203				21	1	2,395	61	0	0,03
22	8	4,78	62	0	0,183				22	1	2,192	62	0	0,026
23	4	4,495	63	0	0,165				23	1	2,004	63	0	0,023
24	3	4,223	64	0	0,149				24	1	1,831	64	0	0,02
25	3	3,964	65	2	0,134				25	4	1,67	65	1	0,133
26	5	3,716	66	1	0,121				26	2	1,522			
27	4	3,48	67	0	0,109				27	2	1,386			
28	0	3,256	68	0	0,098				28	1	1,26			
29	3	3,043	69	0	0,088				29	1	1,145			
30	4	2,841	70	0	0,079				30	1	1,039			
31	3	2,65	71	0	0,07				31	1	0,941			
32	0	2,469	72	0	0,063				32	0	0,852			
33	3	2,298	73	0	0,056				33	3	0,771			
34	3	2,137	74	0	0,05				34	2	0,697			
35	2	1,984	75	0	0,045				35	0	0,629			
36	1	1,841	76	0	0,04				36	1	0,567			
37	2	1,707	77	0	0,036				37	1	0,51			
38	1	1,58	78	0	0,032				38	0	0,459			
39	1	1,462	79	0	0,028				39	0	0,413			
40	0	1,351	80	0	0,025				40	0	0,37			

Input data: Zapiski_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 572
 Best method is
 Method 2 of 5
 Parameters:
 a = 68,3324230845851
 b = 74,2432324350075
 DF =20
 $X^2 = 73,8059$ $P(X^2) = 0,0000$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	21	76,81	21	1	1,379
2	80	70,69	22	2	1
3	94	64,2	23	0	0,717
4	71	57,54	24	1	0,509
5	63	50,9	25	0	0,358
6	47	44,45	26	2	0,249
7	39	38,33	27	0	0,171
8	29	32,64	28	0	0,117
9	27	27,46	29	1	0,23
10	25	22,81			
11	16	18,73			
12	7	15,19			
13	13	12,18			
14	8	9,647			
15	6	7,556			
16	6	5,851			
17	6	4,48			
18	4	3,392			
19	3	2,541			
20	0	1,882			

Input data: Nevskij_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 607
 Best method is
 Method 4 of 5
 Parameters:
 a = 117,05938565128
 b = 118,198870028159
 DF =30
 $X^2 = 85,8836$ $P(X^2) = 0,0000$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	8	44,07	21	4	7,896	41	0	0,077						
2	37	43,65	22	4	6,688	42	1	0,057						
3	53	42,86	23	4	5,625	43	0	0,042						
4	51	41,74	24	6	4,696	44	0	0,031						
5	61	40,32	25	1	3,893	45	0	0,022						
6	50	38,62	26	4	3,205	46	0	0,016						
7	44	36,7	27	0	2,62	47	1	0,012						
8	33	34,59	28	3	2,127	48	0	0,008						
9	47	32,34	29	0	1,715	49	0	0,006						
10	33	30	30	1	1,373	50	0	0,004						
11	23	27,61	31	1	1,092	51	0	0,003						
12	26	25,21	32	2	0,862	52	0	0,002						
13	15	22,84	33	1	0,677	53	0	0,001						
14	22	20,53	34	0	0,527	54	1	0,003						
15	14	18,32	35	1	0,408									
16	14	16,22	36	0	0,314									
17	12	14,26	37	1	0,24									
18	9	12,44	38	0	0,182									
19	15	10,77	39	0	0,137									
20	4	9,255	40	0	0,103									

Input data: Nos_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 493
 Best method is
 Method 4 of 5

min.size: 2
 a = 101,434114475855
 b = 105,410932493624
 DF =20
 $X^2 = 34,6572$ $P(X^2) = 0,0220$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	24	46,408	16	16	10,047	31	0	0,3315	46	0	0,0021
2	41	44,657	17	5	8,4637	32	1	0,2483	47	0	0,0014
3	61	42,569	18	7	7,0711	33	0	0,1846	48	0	0,0009
4	47	40,2	19	6	5,8594	34	1	0,1363	49	1	0,0018
5	46	37,613	20	6	4,8159	35	0	0,0999			
6	32	34,871	21	4	3,9265	36	0	0,0727			
7	28	32,035	22	0	3,1758	37	0	0,0525			
8	30	29,167	23	3	2,5483	38	1	0,0377			
9	27	26,319	24	1	2,0288	39	0	0,0268			
10	26	23,539	25	1	1,6026	40	0	0,019			
11	21	20,869	26	0	1,2561	41	0	0,0133			
12	15	18,342	27	1	0,977	42	0	0,0093			
13	17	15,982	28	0	0,7541	43	0	0,0064			

14 10 13,807 29 2 0,5777 44 2 0,0044
 15 10 11,828 30 0 0,4392 45 0 0,003

Input data: NosK1_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 69
 Best method is
 Method 2 of 5
 Parameters:
 a = 44,5797144234245
 b = 41,921737558742
 DF =16
 $X^2 = 9,4844$ $P(X^2) = 0,8921$

Input data: NosK2_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 371
 Best method is
 Method 2 of 5
 Parameters:
 a = 529,76835311736
 b = 588,896814501942
 DF =30
 $X^2 = 59,0328$ $P(X^2) = 0,0012$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	4	5,054	16	0	1,33	1	17	41,29	17	4	6,207	33	0	0,611
2	8	5,374	17	0	1,041	2	29	37,14	18	3	5,436	34	1	0,521
3	5	5,582	18	3	0,802	3	50	33,36	19	5	4,753	35	0	0,444
4	6	5,665	19	1	0,606	4	39	29,91	20	5	4,149	36	0	0,378
5	4	5,622	20	0	0,451	5	37	26,77	21	3	3,616	37	0	0,321
6	7	5,458	21	1	1,09	6	22	23,92	22	0	3,146	38	1	0,272
7	4	5,186				7	19	21,34	23	2	2,733	39	0	0,23
8	7	4,824				8	21	19	24	0	2,37	40	0	0,194
9	4	4,396				9	20	16,89	25	1	2,052	41	0	0,164
10	5	3,925				10	19	14,99	26	0	1,773	42	0	0,138
11	3	3,436				11	14	13,28	27	1	1,53	43	0	0,116
12	2	2,951				12	11	11,75	28	0	1,318	44	2	0,098
13	0	2,485				13	13	10,38	29	2	1,134	45	0	0,082
14	3	2,055				14	6	9,148	30	0	0,974	46	0	0,069
15	2	1,668				15	7	8,052	31	0	0,835	47	0	0,057
						16	15	7,075	32	1	0,715	48	0	0,048
												49	1	0,229

Input data: NosK3_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 53
 Best method is
 Method 2 of 5
 Parameters:
 a = 60,1647452241699
 b = 57,5241430492784
 DF =17
 $X^2 = 7,7684$ $P(X^2) = 0,9713$

Input data: BL_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 400
 Best method is
 Method 2 of 5
 Parameters:
 a = 121,840196123894
 b = 133,990915710686
 DF =22
 $X^2 = 15,2167$ $P(X^2) = 0,8528$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	3,5959	15	1	1,5484	1	41	50,47	15	4	6,9108
2	4	3,761	16	1	1,3025	2	55	45,893	16	5	5,6896
3	6	3,8664	17	1	1,0805	3	41	41,422	17	5	4,6528
4	2	3,908	18	1	0,8842	4	40	37,112	18	6	3,7796
5	5	3,8848	19	0	0,7138	5	33	33,008	19	2	3,0499
6	3	3,799	20	1	0,5686	6	34	29,144	20	3	2,4449
7	5	3,6556	21	0	0,4471	7	24	25,548	21	3	1,9471
8	2	3,4623	22	0	0,347	8	21	22,236	22	1	1,5405
9	3	3,2284	23	1	0,2658	9	18	19,215	23	2	1,211
10	2	2,9643	24	1	0,734	10	17	16,488	24	1	0,9459
11	4	2,681				11	18	14,05	25	2	0,7341
12	2	2,3888				12	12	11,888	26	0	0,5661

13 4 2,0974
 14 1 1,815
 Input data: Me_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 515
 Best method is
 Method 1 of 5

13 3 9,99 27 0 0,4339
 14 8 8,3374 28 1 1,2924
 min. size: 15
 a = 60,8070809977697
 b = 58,9820580259241
 DF =14
 $X^2 = 22,0381$ $P(X^2) = 0,0778$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	29	38,269	16	7	11,609	31	1	0,1613	46	0	0,0002
2	43	39,453	17	10	9,5415	32	0	0,1102	47	0	0,0001
3	44	39,996	18	8	7,7377	33	2	0,0745	48	0	0,0001
4	40	39,881	19	7	6,1924	34	0	0,0498	49	0	0
5	31	39,125	20	2	4,8913	35	1	0,0329	50	0	0
6	39	37,774	21	2	3,814	36	1	0,0215	51	0	0
7	52	35,899	22	4	2,9363	37	0	0,0139	52	0	0
8	33	33,593	23	2	2,2324	38	0	0,0089	53	0	0
9	40	30,958	24	0	1,6762	39	1	0,0056	54	0	0
10	22	28,104	25	3	1,2433	40	0	0,0035	55	0	0
11	23	25,138	26	2	0,911	41	0	0,0022	56	0	0
12	17	22,159	27	0	0,6596	42	0	0,0013	57	0	0
13	15	19,254	28	1	0,472	43	0	0,0008	58	0	0
14	14	16,494	29	0	0,3338	44	1	0,0005	59	0	0
15	14	13,933	30	3	0,2333	45	0	0,0003	60	0	0
									61	0	0
									62	1	0

Input data: MeK1_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 44
 Best method is
 Method 5 of 5
 Parameters:
 a = 47,6657511164315
 b = 44,3345522166643
 DF =15
 $X^2 = 12,1424$ $P(X^2) = 0,6682$

Input data: MeK2_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 37
 Best method is
 Method 3 of 5
 Parameters:
 a = 16,1390499952363
 b = 10,7593666634909
 DF =12
 $X^2 = 9,4812$ $P(X^2) = 0,6614$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	2,881	16	0	0,999	31	0	0,007	1	2	1,115	16	0	0,425
2	2	3,097	17	1	0,803	32	0	0,005	2	3	1,673	17	0	0,266
3	3	3,256	18	1	0,634	33	0	0,003	3	2	2,296	18	0	0,161
4	4	3,35	19	0	0,493	34	0	0,002	4	0	2,904	19	0	0,093
5	2	3,373	20	0	0,377	35	1	0,003	5	4	3,406	20	0	0,052
6	2	3,327	21	0	0,284				6	3	3,724	21	0	0,028
7	6	3,214	22	0	0,21				7	7	3,814	22	0	0,015
8	2	3,044	23	0	0,153				8	3	3,673	23	1	0,008
9	5	2,826	24	0	0,11				9	3	3,338	24	0	0,004
10	1	2,574	25	1	0,078				10	2	2,872	25	1	0,003
11	3	2,301	26	0	0,054				11	2	2,345			
12	1	2,018	27	0	0,037				12	1	1,823			
13	3	1,739	28	0	0,025				13	1	1,352			
14	3	1,471	29	0	0,017				14	0	0,959			
15	0	1,223	30	0	0,011				15	2	0,651			

Input data: MeK3_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 47
 Best method is
 Method 5 of 5

Parameters:
 a = 117,85042452041
 b = 123,09117090552
 DF =16
 $X^2 = 12,7362$ $P(X^2) = 0,6919$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	4	4,3666	17	3	0,8534	33	0	0,0262	49	0	0,0002
2	2	4,1807	18	1	0,7231	34	0	0,0199	50	0	0,0001
3	4	3,9705	19	1	0,6083	35	0	0,015	51	0	0,0001
4	2	3,7406	20	0	0,5081	36	0	0,0113	52	0	0
5	6	3,4962	21	0	0,4214	37	0	0,0084	53	0	0
6	5	3,242	22	0	0,3471	38	0	0,0062	54	0	0
7	2	2,9828	23	0	0,2839	39	0	0,0046	55	0	0
8	3	2,723	24	0	0,2306	40	0	0,0034	56	0	0
9	3	2,4668	25	0	0,186	41	0	0,0024	57	0	0
10	3	2,2177	26	0	0,149	42	0	0,0018	58	0	0
11	1	1,9786	27	0	0,1186	43	0	0,0013	59	0	0
12	2	1,752	28	0	0,0937	44	0	0,0009	60	0	0
13	0	1,5398	29	0	0,0736	45	0	0,0006	61	0	0
14	1	1,3433	30	0	0,0574	46	0	0,0005	62	1	0
15	0	1,1632	31	0	0,0445	47	0	0,0003			
16	3	1	32	0	0,0342	48	0	0,0002			

Input data: MeK4_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 35
 Best method is
 Method 2 of 5

Parameters:
 a = 1820,33120378694
 b = 2002,97722041237
 DF =17
 $X^2 = 12,3625$ $P(X^2) = 0,7777$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	3,335	16	2	0,754	31	1	0,153	1	0	1,121	16	0	0,729
2	4	3,031	17	0	0,68	32	0	0,137	2	1	1,153	17	1	0,666
3	4	2,753	18	1	0,613	33	1	0,122	3	1	1,176	18	0	0,603
4	4	2,499	19	0	0,553	34	0	0,109	4	2	1,19	19	0	0,543
5	1	2,268	20	0	0,498	35	0	0,098	5	1	1,194	20	1	0,485
6	2	2,057	21	0	0,448	36	1	0,793	6	0	1,188	21	0	0,429
7	5	1,865	22	1	0,403				7	3	1,172	22	1	0,378
8	1	1,69	23	0	0,363				8	0	1,147	23	1	0,33
9	1	1,53	24	0	0,326				9	2	1,114	24	0	0,286
10	1	1,385	25	1	0,293				10	1	1,074	25	0	0,247
11	1	1,253	26	0	0,263				11	2	1,026	26	0	0,211
12	0	1,133	27	0	0,236				12	0	0,973	27	0	0,179
13	1	1,024	28	0	0,212				13	2	0,916	28	1	0,151
14	1	0,925	29	0	0,19				14	0	0,856	29	0	0,127
15	0	0,836	30	0	0,17				15	1	0,793	30	1	0,543

Input data: MeK5_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 22
 Best method is
 Method 1 of 5

Parameters:
 a = 121,805048412027
 b = 118,422645869548
 DF =14
 $X^2 = 9,0336$ $P(X^2) = 0,8289$

Input data: MeK6_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 134
 Best method is
 Method 1 of 5
 Parameters:
 a = 98,3281660888459
 b = 100,650057069734
 DF =21
 $X^2 = 25,9578$ $P(X^2) = 0,2081$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	11	11,52	21	1	1,223
2	8	11,26	22	1	0,996
3	10	10,89	23	0	0,805
4	16	10,43	24	0	0,646
5	8	9,894	25	0	0,513
6	9	9,296	26	1	0,405
7	11	8,652	27	0	0,317
8	8	7,977	28	0	0,246
9	15	7,286	29	0	0,19
10	3	6,594	30	2	0,145
11	4	5,913	31	0	0,11
12	7	5,254	32	0	0,083
13	2	4,628	33	0	0,062
14	2	4,039	34	0	0,046
15	3	3,495	35	0	0,034
16	1	2,997	36	0	0,025
17	4	2,548	37	0	0,018
18	4	2,148	38	0	0,013
19	1	1,795	39	1	0,03
20	1	1,488			

Input data: MeK7_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 52
 Best method is
 Method 1 of 5
 Parameters:
 a = 240,508553303758
 b = 259,983726522367
 DF =17
 $X^2 = 11,0539$ $P(X^2) = 0,8537$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	5,206	21	0	0,538
2	8	4,816	22	1	0,462
3	7	4,438	23	0	0,395
4	3	4,074	24	0	0,337
5	2	3,726	25	0	0,287
6	5	3,395	26	1	0,243
7	3	3,081	27	0	0,205
8	2	2,786	28	0	0,172
9	2	2,51	29	0	0,144
10	2	2,252	30	0	0,121
11	1	2,014	31	0	0,1
12	1	1,794	32	0	0,083
13	1	1,592	33	1	0,069
14	1	1,408	34	0	0,057
15	3	1,241	35	0	0,047
16	1	1,089	36	0	0,038
17	0	0,952	37	0	0,031
18	0	0,83	38	0	0,025
19	1	0,721	39	0	0,02
20	0	0,624	40	0	0,017

Input data: MeK8_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 44
 Best method is
 Method 2 of 5
 Parameters:
 a = 16,2496984498589
 b = 11,3733657869857
 DF =11
 $X^2 = 17,6649$ $P(X^2) = 0,0897$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	1,6764	12	2	1,9071
2	6	2,3951	13	0	1,3851
3	4	3,1455	14	4	0,963
4	3	3,822	15	2	0,642
5	1	4,321	16	0	0,4112
6	1	4,5673	17	0	0,2533
7	4	4,5328	18	1	0,3355
8	6	4,2396			

Input data: MeK9_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 32
 Best method is
 Method 3 of 5
 Parameters:
 a = 7,81116092566288
 b = 3,90558046283144
 DF =7
 $X^2 = 9,7707$ $P(X^2) = 0,2019$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	0,9675	12	0	0,5033
2	2	1,9349	13	0	0,2637
3	4	3,081	14	0	0,1295
4	1	4,0751	15	0	0,0598
5	3	4,6095	16	0	0,0261
6	6	4,5545	17	0	0,0108
7	7	3,9948	18	0	0,0042
8	1	3,1501	19	2	0,0016

9 1 3,7496
 10 4 3,145
 11 4 2,5085
 Input data: MeK10_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 27
 Best method is
 Method 1 of 5
 Parameters:
 a = 27,3722581129808
 b = 21,5206915680473
 DF =12
 $X^2 = 7,0383$ $P(X^2) = 0,8551$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	1	11	3	1,7646
2	2	1,2719	12	1	1,5324
3	2	1,5459	13	1	1,2898
4	3	1,799	14	0	1,0532
5	0	2,0082	15	1	0,8351
6	1	2,1539	16	0	0,6435
7	3	2,2231	17	1	0,4823
8	3	2,2111	18	0	0,3519
9	1	2,122	19	1	0,7444
10	3	1,9676			

9 4 2,2563 20 0 0,0006
 10 1 1,4803 21 1 0,0003
 11 0 0,896
 Input data: MeK11_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 41
 Best method is
 Method 1 of 5
 Parameters:
 a = 22,5965577611171
 b = 17,2120948740904
 DF =13
 $X^2 = 12,3134$ $P(X^2) = 0,5021$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	1,592	11	2	2,5938
2	5	2,09	12	2	2,1539
3	3	2,5931	13	4	1,7252
4	2	3,0499	14	2	1,3345
5	3	3,4097	15	2	0,9981
6	5	3,6323	16	0	0,7226
7	1	3,6951	17	0	0,5069
8	4	3,5972	18	0	0,3449
9	3	3,3571	19	1	0,595
10	1	3,0089			

Input data: Markera_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 545
 Best method is
 Method 4 of 5
 Parameters:
 a = 29,2819018313751
 b = 31,1725175636665
 DF =15
 $X^2 = 28,3587$ $P(X^2) = 0,0194$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	69	84,85	21	2	0,146
2	99	79,7	22	0	0,083
3	91	72,54	23	1	0,102
4	59	64,03			
5	58	54,87			
6	38	45,68			
7	34	36,98			
8	19	29,13			
9	29	22,34			
10	9	16,7			
11	9	12,17			
12	9	8,659			
13	10	6,012			
14	3	4,078			
15	3	2,703			
16	2	1,752			
17	1	1,111			
18	0	0,69			
19	0	0,419			

Input data: Dama_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 315
 Best method is
 Method 2 of 5
 Parameters:
 a = 1303,70272958548
 b = 1462,62490678059
 DF =31
 $X^2 = 41,6761$ $P(X^2) = 0,0954$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	19	35,66	21	1	3,14
2	41	31,78	22	3	2,761
3	24	28,31	23	1	2,426
4	29	25,2	24	0	2,13
5	24	22,41	25	2	1,869
6	23	19,92	26	0	1,639
7	23	17,7	27	1	1,437
8	14	15,71	28	1	1,258
9	10	13,94	29	3	1,101
10	16	12,36	30	1	0,963
11	10	10,95	31	0	0,842
12	14	9,69	32	0	0,735
13	15	8,573	33	0	0,642
14	11	7,579	34	1	0,56
15	4	6,696	35	0	0,488
16	8	5,912	36	1	0,425
17	6	5,216	37	1	0,37
18	1	4,599	38	1	0,322
19	2	4,052	39	0	0,28
			40		
			41	1	0,211
			42	0	0,183
			43	0	0,159
			44	0	0,138
			45	0	0,119
			46	0	0,103
			47	0	0,089
			48	0	0,077
			49	0	0,067
			50	0	0,057
			51	0	0,05
			52	0	0,043
			53	0	0,037
			54	0	0,032
			55	0	0,027
			56	0	0,023
			57	0	0,02
			58	0	0,017
			59	1	0,102

20 0 0,25

20 2 3,568 40 0 0,243

Input data: DamaK1_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 45
 Parameters:
 a = 106,841434382988
 b = 106,004845271602
 DF =18
 $X^2 = 15,7072$ $P(X^2) = 0,6130$

Input data: DamaK2_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 103
 Parameters:
 a = 533,870052447296
 b = 595,628222383279
 DF =22
 $X^2 = 38,8510$ $P(X^2) = 0,0147$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	4	2,953	21	0	0,637	1	6	11,76	21	0	0,961	41	0	0,041
2	2	2,977	22	1	0,54	2	20	10,54	22	0	0,833	42	0	0,034
3	1	2,972	23	0	0,454	3	7	9,431	23	0	0,721	43	0	0,029
4	4	2,94	24	0	0,379	4	10	8,425	24	0	0,623	44	0	0,024
5	4	2,882	25	1	0,314	5	6	7,514	25	0	0,538	45	0	0,02
6	0	2,799	26	0	0,258	6	10	6,69	26	0	0,464	46	0	0,017
7	2	2,694	27	0	0,21	7	9	5,946	27	1	0,399	47	0	0,014
8	2	2,57	28	0	0,17	8	3	5,276	28	0	0,342	48	0	0,012
9	5	2,429	29	0	0,137	9	0	4,674	29	1	0,294	49	0	0,01
10	3	2,277	30	0	0,109	10	4	4,134	30	1	0,251	50	0	0,008
11	1	2,115	31	0	0,086	11	3	3,65	31	0	0,215	51	0	0,007
12	4	1,948	32	0	0,068	12	5	3,218	32	0	0,183	52	0	0,006
13	3	1,779	33	0	0,053	13	7	2,832	33	0	0,156	53	0	0,005
14	2	1,611	34	1	0,041	14	3	2,488	34	0	0,133	54	0	0,004
15	0	1,446	35	0	0,032	15	1	2,183	35	0	0,113	55	0	0,003
16	2	1,287	36	0	0,024	16	3	1,911	36	0	0,096	56	0	0,003
17	0	1,137	37	1	0,07	17	0	1,671	37	0	0,081	57	0	0,002
18	1	0,995				18	0	1,459	38	1	0,069	58	0	0,002
19	0	0,865				19	1	1,271	39	0	0,058	59	1	0,007
20	1	0,745				20	0	1,106	40	0	0,049			

Input data: DamaK3_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 113
 a = 291,14426356837
 b = 318,902909502316
 DF =22
 $X^2 = 17,1834$ $P(X^2) = 0,7532$

Input data: DamaK4_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 54
 a = 81,5733927892691
 b = 83,1575617272226
 DF =16
 $X^2 = 7,5030$ $P(X^2) = 0,9623$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	12,1	16	1	2,23	31	0	0,21	1	4	4,85	16	2	1,1	31	0	0,02
2	15	11	17	4	1,94	32	0	0,17	2	4	4,75	17	2	0,91	32	0	0,02
3	10	10	18	0	1,69	33	0	0,15	3	6	4,61	18	0	0,75	33	0	0,01
4	10	9,1	19	0	1,46	34	0	0,12	4	5	4,41	19	1	0,61	34	0	0,01
5	10	8,23	20	0	1,26	35	0	0,1	5	4	4,18	20	1	0,49	35	0	0,01
6	10	7,42	21	1	1,09	36	0	0,08	6	3	3,91	21	0	0,39	36	1	0,01
7	8	6,67	22	2	0,94	37	0	0,07	7	4	3,62	22	0	0,31			
8	7	5,98	23	1	0,8	38	0	0,06	8	2	3,31	23	0	0,24			
9	4	5,34	24	0	0,68	39	0	0,05	9	1	3	24	0	0,19			
10	4	4,76	25	1	0,58	40	0	0,04	10	5	2,68	25	0	0,15			
11	3	4,22	26	0	0,49	41	1	0,15	11	3	2,37	26	0	0,11			
12	4	3,74	27	0	0,42				12	1	2,08	27	0	0,08			

13 4 3,3 28 1 0,35
 14 4 2,9 29 1 0,3
 15 2 2,55 30 0 0,25

Input data: Futljar_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 256
 Best method is
 Method 2 of 5
 Parameters:
 a = 233,325093861417
 b = 253,131255529982
 DF =27

$X^2 = 33,4426$ $P(X^2) = 0,1829$

X[i]	F[i]	NP[i]	X[i]
1	10	26,438	23
2	26	24,369	24
3	26	22,374	25
4	19	20,462	26
5	22	18,64	27
6	25	16,914	28
7	18	15,289	29
8	14	13,766	30
9	20	12,347	31
10	8	11,033	32
11	14	9,8202	33
12	7	8,7079	34
13	8	7,6922	35
14	4	6,7695	36
15	7	5,935	37
16	3	5,1839	38
17	6	4,511	39
18	3	3,9108	40
19	3	3,378	41
20	1	2,9069	42
21	1	2,4924	
22	1	2,1292	

13 1 1,8 28 0 0,06
 14 2 1,54 29 1 0,05
 15 1 1,31 30 0 0,03

Input data: Malciki_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 148
 Best method is
 Method 2 of 5
 Parameters:
 a = 269,594282354839
 b = 309,902333641027
 DF =19

$X^2 = 27,5657$ $P(X^2) = 0,0922$

F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1,8122	1	13	21,41	21	1	0,7236
2	1,5369	2	25	18,625	22	0	0,5913
1	1,2986	3	17	16,151	23	0	0,4818
0	1,0933	4	19	13,96	24	1	0,3913
1	0,9172	5	11	12,028	25	0	0,3169
0	0,7667	6	7	10,33	26	0	0,2559
0	0,6386	7	15	8,8438	27	0	0,206
1	0,53	8	6	7,5474	28	0	0,1653
0	0,4383	9	6	6,4207	29	0	0,1323
0	0,3612	10	3	5,445	30	0	0,1055
3	0,2966	11	2	4,6031	31	0	0,084
0	0,2427	12	2	3,8792	32	0	0,0666
0	0,1979	13	6	3,259	33	1	0,2402
0	0,1608	14	3	2,7294			
0	0,1302	15	2	2,2788			
0	0,1051	16	1	1,8967			
0	0,0845	17	5	1,5738			
0	0,0677	18	1	1,3019			
0	0,0541	19	1	1,0737			
1	0,1995	20	0	0,8828			

Input data: Zapiski_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 572
 Best method is
 Method 2 of 5
 Parameters:
 a = 30,0330337710082
 b = 34,6298921858064
 DF =13
 $X^2 = 49,5337$ $P(X^2) = 0,0000$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	62	114,4	13	3	3,692
2	133	99,17	14	1	2,378
3	108	83,59	15	2	1,499
4	73	68,54	16	1	0,926
5	55	54,7	17	0	0,56
6	40	42,53	18	2	0,332
7	32	32,23	19	1	0,438
8	16	23,82			
9	17	17,19			
10	10	12,11			
11	10	8,335			
12	6	5,609			

Input data: Nevskij_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 607
 Best method is
 Method 4 of 5
 Parameters:
 a = 41,8082241930977
 b = 41,7173164559876
 DF =19
 $X^2 = 63,1061$ $P(X^2) = 0,0000$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	24	63,52	13	17	15,24	25	1	0,239
2	74	63,66	14	6	11,86	26	0	0,152
3	80	62,31	15	7	9,06	27	0	0,095
4	82	59,59	16	7	6,799	28	1	0,059
5	65	55,71	17	2	5,011	29	0	0,036
6	59	50,95	18	3	3,63	30	0	0,021
7	43	45,59	19	3	2,585	31	1	0,013
8	39	39,95	20	1	1,81	32	0	0,007
9	29	34,28	21	2	1,246	33	0	0,004
10	22	28,83	22	2	0,844	34	0	0,002
11	23	23,76	23	0	0,563	35	0	0,001
12	12	19,21	24	1	0,369	36	1	0,002

Input data: Nos_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 493
 Best method is
 Method 4 of 5
 min.size: 4
 a = 39,4178026890162
 b = 41,8476030059276
 DF =13
 $X^2 = 21,1153$ $P(X^2) = 0,0707$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	46	69,465	16	3	2,9523
2	80	65,432	17	1	2,0471
3	73	60,194	18	1	1,3949
4	52	54,113	19	1	0,9344
5	46	47,561	20	1	0,6154
6	39	40,891	21	1	0,3987
7	35	34,406	22	0	0,2541
8	27	28,344	23	1	0,1594
9	22	22,873	24	0	0,0984
10	15	18,087	25	0	0,0598
11	19	14,021	26	1	0,0358
12	9	10,66	27	0	0,0211
13	9	7,9509	28	0	0,0123
14	7	5,8203	29	1	0,007
15	1	4,1829	30	1	0,004

Input data: NosK1_3er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 69
 Best method is
 Method 2 of 5
 Parameters:
 a = 18,3124125948336
 b = 17,5785166881263
 DF =9
 $X^2 = 5,2252$ $P(X^2) = 0,8143$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	0	0,0022	1	12	8,9686
2	0	0,0012	2	6	9,3431
3	1	0,0014	3	9	9,2093
4			4	8	8,6137
5			5	10	7,6652
6			6	7	6,505
7			7	5	5,2759
8			8	2	4,0976
9			9	3	3,0529
10			10	2	2,1857
11			11	0	1,5059
12			12	4	0,9999
13			13	0	0,6407
14			14	1	0,9366

Input data: NosK2_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 371
 Best method is
 Method 4 of 5
 min.size: 8
 a = 51,6011851103888
 b = 56,8123492977013
 DF =10
 $X^2 = 23,1770$ $P(X^2) = 0,0101$

X[i]	F[i]	NP[i]	X[i]
1	31	56,379	16
2	65	51,207	17
3	61	45,706	18
4	37	40,102	19
5	31	34,596	20
6	29	29,356	21
7	25	24,507	22
8	19	20,133	23
9	16	16,28	24
10	10	12,962	25
11	17	10,163	26
12	5	7,8489	27
13	8	5,9726	28
14	5	4,4787	29
15	0	3,3104	30

Input data: NosK3_3er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 53
 Best method is
 Method 4 of 5
 Parameters:
 a = 30,8511348926989
 b = 30,62990284512
 DF =11
 $X^2 = 4,2857$ $P(X^2) = 0,9608$

F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
2	2,4123	31	0	0,0043	1	5	6,1842
1	1,7334	32	0	0,0026	2	8	6,2289
1	1,2284	33	1	0,0035	3	5	6,0755
1	0,8588				4	5	5,7443
1	0,5923				5	6	5,2697
1	0,4032				6	4	4,6947
0	0,2708				7	4	4,065
1	0,1796				8	4	3,4237
0	0,1176				9	5	2,8069
0	0,076				10	1	2,2417
1	0,0485				11	2	1,7451
0	0,0306				12	1	1,3251
0	0,0191				13	0	0,982
1	0,0117				14	1	0,7107
1	0,0071				15	1	0,5025
					16	1	0,9999

Input data: BL_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 400
 Best method is
 Method 2 of 5
 Parameters:
 a = 51,7843958408032
 b = 59,9759806382216
 DF =15
 $X^2 = 11,4257$ $P(X^2) = 0,7219$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	68	73,43	16	2	1,598
2	69	63,4	17	2	1,104
3	55	53,84	18	0	0,752
4	52	44,99	19	1	1,446
5	34	36,99			
6	29	29,94			
7	27	23,86			
8	20	18,73			
9	6	14,48			
10	9	11,03			
11	7	8,283			
12	9	6,13			
13	3	4,472			

Input data: Me_3er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 515
 Best method is
 Method 1 of 5
 min.size: 6
 a = 29,7991602576383
 b = 29,4216001392759
 DF =12
 $X^2 = 25,8278$ $P(X^2) = 0,0114$

X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	49	59,6	16	1	3,268	31	0	0,001
2	67	60,36	17	4	2,192	32	0	0,00
3	57	59,13	18	1	1,438	33	0	0,00
4	53	56,07	19	1	0,923	34	0	0,00
5	68	51,54	20	3	0,58	35	0	0,00
6	57	45,95	21	1	0,357	36	0	0
7	33	39,78	22	2	0,215	37	0	0
8	29	33,47	23	1	0,127	38	0	0
9	22	27,38	24	1	0,074	39	0	0
10	21	21,8	25	0	0,042	40	0	0
11	11	16,91	26	1	0,023	41	0	0
12	14	12,78	27	0	0,013	42	1	0
13	9	9,424	28	0	0,007			

14 5 3,218
15 2 2,283

14 2 6,78 29 0 0,004
15 5 4,762 30 1 0,002

Input data: MeK1_3er.dat
Distribution: Hyperpoisson (a,b)
Sample size: 44
Best method is
Method 5 of 5
Parameters:
a = 18,9010385211781
b = 17,0984076313397
DF = 9
 $X^2 = 11,4895$ $P(X^2) = 0,2436$

Input data: MeK2_3er.dat
Distribution: Hyperpoisson (a,b)
Sample size: 37
Best method is
Method 5 of 5
Parameters:
a = 7,20418198321193
b = 4,26818638946863
DF = 7
 $X^2 = 5,8163$ $P(X^2) = 0,5614$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	4,5325	16	0	0,1519	1	4	2,1317	16	1	0,0094
2	3	5,0103	17	1	0,0895	2	3	3,5981	17	1	0,0054
3	5	5,2325	18	0	0,0511	3	2	4,9204			
4	3	5,1785	19	0	0,0283	4	5	5,6551			
5	6	4,87	20	0	0,0153	5	8	5,6053			
6	7	4,3628	21	0	0,008	6	5	4,884			
7	3	3,7315	22	0	0,0041	7	3	3,7964			
8	2	3,0534	23	1	0,0038	8	2	2,6635			
9	6	2,3949				9	1	1,7029			
10	0	1,8035				10	2	1			
11	0	1,3062				11	0	0,543			
12	2	0,911				12	0	0,2741			
13	0	0,6128				13	0	0,1294			
14	0	0,3981				14	0	0,0573			
15	0	0,25				15	0	0,0239			

Input data: MeK3_3er.dat
Distribution: Hyperpoisson (a,b)
Sample size: 47
Best method is
Method 1 of 5
Parameters:
a = 42,1002108695798
b = 43,239277269689
DF = 11
 $X^2 = 12,1576$ $P(X^2) = 0,3519$

Input data: MeK4_3er.dat
Distribution: Hyperpoisson (a,b)
Sample size: 35
Best method is
Method 2 of 5
Parameters:
a = 1244,97924458165
b = 1436,29503024194
DF = 13
 $X^2 = 14,2353$ $P(X^2) = 0,3575$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	4	5,623	16	0	0,42	31	0	0,00	1	2	4,79	16	0	0,522
2	6	5,475	17	0	0,303	32	0	0,00	2	7	4,152	17	1	0,448
3	5	5,21	18	0	0,216	33	0	0,00	3	5	3,597	18	0	0,384
4	8	4,849	19	0	0,151	34	0	0,00	4	2	3,113	19	0	0,329
5	4	4,415	20	0	0,104	35	0	0,00	5	6	2,693	20	0	0,281
6	4	3,935	21	0	0,07	36	0	0	6	1	2,328	21	1	0,241
7	4	3,434	22	0	0,047	37	0	0	7	2	2,011	22	1	0,206
8	2	2,936	23	0	0,031	38	0	0	8	0	1,736	23	0	0,176
9	0	2,46	24	0	0,02	39	0	0	9	2	1,497	24	1	1
10	1	2,022	25	0	0,013	40	0	0	10	0	1,291			
11	4	1,629	26	0	0,008	41	0	0	11	2	1,112			
12	3	1,288	27	0	0,005	42	1	0	12	1	0,957			
13	1	1	28	0	0,003				13	0	0,823			
14	0	0,762	29	0	0,002				14	0	0,708			

15 0 0,571 30 0 0,001

15 1 0,608

Input data: MeK5_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 22
 Best method is
 Method 2 of 5
 Parameters:
 a = 41,9876743861608
 b = 38,7258785772195
 DF = 11
 $X^2 = 7,7374$ $P(X^2) = 0,7366$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	1,4893	16	0	0,4433
2	1	1,6148	17	0	0,3465
3	3	1,7067	18	0	0,2658
4	0	1,7596	19	1	0,2003
5	3	1,7706	20	1	0,498
6	2	1,74			
7	3	1,6709			
8	0	1,5686			
9	2	1,4403			
10	1	1,2943			
11	1	1,1387			
12	0	0,9812			
13	1	0,8285			
14	0	0,6858			
15	2	0,5567			

Input data: MeK6_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 134
 Best method is
 Method 1 of 5
 Parameters:
 a = 44,6668477660611
 b = 46,1361604419343
 DF = 15
 $X^2 = 23,2567$ $P(X^2) = 0,0788$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	16	16,108	16	0	1,2521
2	13	15,595	17	0	0,9148
3	21	14,778	18	1	0,6576
4	12	13,713	19	0	0,4652
5	16	12,466	20	2	0,324
6	18	11,106	21	0	0,2222
7	3	9,7008	22	0	0,1501
8	11	8,3111	23	0	0,0998
9	3	6,9864	24	0	0,0654
10	4	5,7643	25	0	0,0423
11	3	4,6698	26	1	0,07
12	6	3,7157			
13	2	2,9048			
14	1	2,2318			
15	1	1,6857			

Input data: MeK7_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 52
 Best method is
 Method 1 of 5
 Parameters:
 a = 62,4618279001949
 b = 69,4682539058744
 DF = 11
 $X^2 = 10,6647$ $P(X^2) = 0,4718$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	7	7,8998	16	0	0,3891
2	13	7,1031	17	1	0,2877
3	4	6,296	18	0	0,2103
4	6	5,5026	19	0	0,1519
5	3	4,7428	20	0	0,1085
6	4	4,0323	21	0	0,0766
7	2	3,3822	22	1	0,0535
8	2	2,7993	23	0	0,0369
9	2	2,2865	24	0	0,0252
10	3	1,8436	25	0	0,017
11	1	1,4675	26	0	0,0114
12	0	1,1535	27	0	0,0075
13	1	0,8954	28	0	0,0049
14	0	0,6865	29	0	0,0032

Input data: MeK8_3er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 44
 Best method is
 Method 5 of 5
 Parameters:
 a = 13,4004203729965
 b = 11,3035660043105
 DF = 8
 $X^2 = 13,3538$ $P(X^2) = 0,1002$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	5	4,3896	1	5	4,3896
2	6	5,2039	2	6	5,2039
3	3	5,6678	3	3	5,6678
4	2	5,7091	4	2	5,7091
5	7	5,3486	5	7	5,3486
6	4	4,6834	6	4	4,6834
7	5	3,8495	7	5	3,8495
8	5	2,9812	8	5	2,9812
9	0	2,1826	9	0	2,1826
10	6	1,5151	10	6	1,5151
11	0	1	11	0	1
12	1	1,4693	12	1	1,4693

15 1 0,5199 30 1 0,0054

Input data: MeK9_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 32
 Best method is Method 3 of 5
 Parameters:
 a = 2,65695772002372
 b = 0,531391544004744
 DF = 3
 $X^2 = 5,7113$ $P(X^2) = 0,1265$

X[i]	F[i]	NP[i]
1	1	0,8475
2	5	4,2376
3	2	7,3522
4	8	7,7169
5	8	5,8061
6	4	3,4044
7	1	1,6353
8	0	0,6652
9	0	0,2347
10	0	0,0731
11	0	0,0204
12	0	0,0051
13	2	0,0012
14	1	0,0003

Input data: MeK10_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 27
 Best method is Method 3 of 5
 Parameters:
 a = 9,84081145255796
 b = 6,56054096837198
 DF = 8
 $X^2 = 7,2863$ $P(X^2) = 0,5061$

X[i]	F[i]	NP[i]
1	2	1,5712
2	3	2,3568
3	3	3,0676
4	1	3,5264
5	6	3,6298
6	1	3,3824
7	5	2,8792
8	2	2,2558
9	1	1,637
10	1	1,1064
11	0	0,6997
12	1	0,4158
13	1	0,472

Input data: MeK11_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 41
 Best method is Method 1 of 5
 Parameters:
 a = 10,0330239349415
 b = 6,9347061580221
 DF = 8
 $X^2 = 11,6915$ $P(X^2) = 0,1655$

X[i]	F[i]	NP[i]
1	2	2,6452
2	7	3,827
3	4	4,8391
4	6	5,4339
5	1	5,4877
6	7	5,0352
7	2	4,2329
8	3	3,2833
9	5	2,364
10	3	1,5881
11	0	0,9999
12	0	0,5924
13	1	0,6714

Input data: Markera_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 545
 Best method is Method 4 of 5
 Parameters:
 a = 12,0831212822382
 b = 13,8965508789157
 DF = 9
 $X^2 = 9,7863$ $P(X^2) = 0,3681$

X[i]	F[i]	NP[i]	X[i]*
1	123	131,57	1
2	136	114,4	2
3	88	92,792	3
4	67	70,532	4
5	47	50,439	5
6	35	34,055	6
7	15	21,776	7
8	12	13,224	8
9	11	7,6468	9
10	5	4,2197	10
11	3	2,2269	11
12	0	1,126	12
13	0	0,5465	13
14	2	0,255	14

Input data: Dama_3er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 315
 Best method is Method 2 of 5
 Parameters:
 a = 655,345072866679
 b = 780,758796324563
 DF = 22
 $X^2 = 27,4778$ $P(X^2) = 0,1936$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
16	1	3,3046	31	0	0,1576
17	2	2,7215	32	0	0,1274
18	1	2,2385	33	0	0,1028
19	3	1,8389	34	0	0,0829
20	2	1,5087	35	0	0,0668
21	0	1,2363	36	0	0,0537
22	0	1,0118	37	0	0,0431
23	1	0,827	38	0	0,0346
24	1	0,6751	39	1	0,1365
25	1	0,5505			
26	1	0,4483			
27	1	0,3646			
28	0	0,2962			
29	0	0,2403			

15 1 0,1985 15 3 4,0076 30 0 0,1947

Input data: DamaK1_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 45
 Best method is
 Method 2 of 5
 Parameters:
 a = 74,4210793057825
 b = 79,9168998205324
 DF =12
 $X^2 = 12,9479$ $P(X^2) = 0,3728$

Input data: DamaK2_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 103
 Best method is
 Method 3 of 5
 Parameters:
 a = 421,453125
 b = 505,74375
 DF =15
 $X^2 = 20,5656$ $P(X^2) = 0,1513$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	6	5,588	16	0	0,555	1	18	17,92	16	0	0,947	31	0	0,033
2	1	5,204	17	1	0,435	2	15	14,94	17	0	0,766	32	0	0,026
3	7	4,786	18	0	0,338	3	14	12,42	18	1	0,619	33	0	0,02
4	1	4,348	19	0	0,259	4	12	10,31	19	1	0,499	34	0	0,016
5	3	3,903	20	0	0,197	5	12	8,541	20	1	0,402	35	0	0,012
6	6	3,461	21	0	0,148	6	0	7,062	21	0	0,323	36	0	0,01
7	4	3,033	22	0	0,11	7	6	5,827	22	0	0,259	37	0	0,008
8	4	2,627	23	1	0,081	8	6	4,799	23	0	0,207	38	0	0,006
9	4	2,25	24	0	0,06	9	8	3,945	24	0	0,165	39	1	0,02
10	1	1,904	25	1	0,144	10	3	3,236	25	0	0,132			
11	2	1,594				11	3	2,65	26	1	0,105			
12	1	1,319				12	0	2,165	27	0	0,083			
13	0	1,08				13	1	1,766	28	0	0,066			
14	1	0,874				14	0	1,438	29	0	0,052			
15	1	0,7				15	0	1,168	30	0	0,041			

Input data: DamaK3_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 113
 Best method is
 Method 4 of 5
 Parameters:
 a = 72,3999880780848
 b = 79,8142535654802
 DF =15
 $X^2 = 10,0633$ $P(X^2) = 0,8157$

Input data: DamaK4_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 54
 Best method is
 Method 1 of 5
 Parameters:
 a = 30,0669876925647
 b = 29,676507332921
 DF =11
 $X^2 = 5,4577$ $P(X^2) = 0,9070$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	13	16,015	16	1	1,0711	1	5	6,2156	16	0	0,3506
2	17	14,528	17	1	0,8179	2	9	6,2974	17	0	0,2359
3	14	13,015	18	0	0,618	3	7	6,1722	18	0	0,1553
4	16	11,517	19	1	0,4622	4	5	5,8586	19	1	0,1
5	13	10,069	20	1	0,3421	5	5	5,3908	20	0	0,0631
6	6	8,6977	21	0	0,2506	6	2	4,813	21	0	0,039
7	7	7,4246	22	0	0,1818	7	6	4,1732	22	0	0,0236
8	4	6,264	23	0	0,1306	8	3	3,517	23	0	0,014
9	7	5,224	24	0	0,0928	9	3	2,8832	24	0	0,0081
10	3	4,307	25	0	0,0654	10	1	2,3009	25	1	0,0103
11	3	3,511	26	0	0,0456	11	2	1,7887			
12	2	2,8302	27	1	0,0961	12	2	1,3555			
13	0	2,2564				13	2	1,0019			
14	1	1,7792				14	0	0,7228			

15 2 1,3879

15 0 0,5093

Input data: Futljar_3er.dat
Distribution: Hyperpoisson (a,b)
Sample size: 256
Best method is
Method 2 of 5
Parameters:
a = 102,775343444188
b = 116,59752013578
DF = 18

Input data: Malciki_3er.dat
Distribution: Hyperpoisson (a,b)
Sample size: 148
Best method is
Method 4 of 5
Parameters:
a = 46,8487216968183
b = 54,2389935457755
DF = 13

$X^2 = 23,4314$ $P(X^2) = 0,1746$

$X^2 = 11,2869$ $P(X^2) = 0,5868$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	23	38,802	16	3	2,4605	1	24	27,598	16	1	0,5155
2	39	34,202	17	1	1,9216	2	31	23,838	17	0	0,3488
3	29	29,891	18	1	1,4894	3	22	20,217	18	0	0,2326
4	37	25,904	19	0	1,1458	4	15	16,842	19	0	0,153
5	25	22,26	20	1	0,8749	5	17	13,784	20	0	0,0992
6	27	18,97	21	0	0,6631	6	10	11,088	21	0	0,0635
7	14	16,034	22	3	0,4989	7	4	8,7692	22	1	0,1029
8	15	13,442	23	0	0,3727	8	3	6,8199			
9	12	11,177	24	0	0,2764	9	8	5,2173			
10	7	9,2195	25	0	0,2035	10	3	3,9272			
11	6	7,5442	26	0	0,1487	11	4	2,9094			
12	6	6,1246	27	0	0,1079	12	3	2,1218			
13	4	4,9332	28	1	0,2635	13	1	1,5237			
14	1	3,9426				14	1	1,0776			
15	1	3,1266				15	0	0,7508			

Input data: Zapiski_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 572
 Best method is
 Method 4 of 5
 Parameters:
 a = 9,53559023569909
 b = 10,2869081248283
 DF =9
 $X^2 = 37,1357$ $P(X^2) = 0,0000$

X[i]	F[i]	NP[i]
1	101	128,54
2	165	119,152
3	110	100,664
4	68	78,1228
5	52	56,0663
6	23	37,4206
7	21	23,342
8	12	13,6662
9	10	7,5384
10	3	3,9308
11	3	1,9434
12	1	0,9135
13	2	0,4092
14	0	0,1751
15	1	0,1163

Input data: Nevskij_4er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 607
 Best method is
 Method 4 of 5
 Parameters:
 a = 21,5601424379128
 b = 21,771876433521
 DF =14
 $X^2 = 55,9917$ $P(X^2) = 0,0000$

X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	45	87,4602	16	3	1,371
2	104	86,6097	17	1	0,8039
3	111	82,001	18	1	0,4588
4	77	74,3716	19	1	0,2551
5	80	64,7292	20	0	0,1383
6	49	54,1509	21	1	0,0731
7	37	43,6092	22	0	0,0378
8	28	33,8552	23	0	0,019
9	21	25,3693	24	1	0,0094
10	19	18,3719	25	0	0,0045
11	8	12,8722	26	0	0,0021
12	10	8,7349	27	1	0,0018
13	5	5,7466			
14	3	3,6687			
15	1	2,2747			

Input data: Nos_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 493
 Best method is
 Method 4 of 5
 min.size: 3
 a = 19,8124229789457
 b = 21,7300441736367
 DF =10
 $X^2 = 23,1204$ $P(X^2) = 0,0103$

X[i]	F[i]	NP[i]
1	65	94,07
2	108	85,77
3	78	74,76
4	58	62,42
5	53	50,01
6	36	38,51
7	27	28,54
8	26	20,39
9	12	14,06
10	12	9,371
11	4	6,042
12	4	3,773
13	1	2,284
14	1	1,341

Input data: NosK1_4er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 69
 Best method is
 Method 4 of 5
 Parameters:
 a = 11,0495490478888
 b = 10,7426108208893
 DF =7
 $X^2 = 1,7032$ $P(X^2) = 0,9744$

X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	12	11,62	1	46	78,96
2	11	11,96	2	89	63,63
3	11	11,25	3	59	50,91
4	11	9,756	4	40	40,45
5	9	7,844	5	39	31,91
6	5	5,879	6	25	24,99
7	3	4,127	7	19	19,44
8	2	2,723	8	22	15,01
9	3	1,696	9	7	11,52
10	1	1	10	10	8,775
11	1	1,143	11	3	6,64
			12	2	4,991
			13	1	3,726
			14	1	2,763

Input data: NosK2_4er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 371
 Best method is
 Method 2 of 5
 Parameters:
 a = 111,556041158882
 b = 138,423789011093
 DF =16
 $X^2 = 41,1974$ $P(X^2) = 0,0005$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
16	1	1,49	16	1	1,49
17	1	1,083	17	1	1,083
18	0	0,783	18	0	0,783
19	1	0,562	19	1	0,562
20	0	0,401	20	0	0,401
21	0	0,284	21	0	0,284
22	2	0,2	22	2	0,2
23	0	0,14	23	0	0,14
24	0	0,097	24	0	0,097
25	1	0,209	25	1	0,209

15 2 0,765

15 2 2,036

Input data: NosK3_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 53
 Best method is
 Method 1 of 5
 Parameters:
 a = 12,662388030576
 b = 11,5183675631671
 DF = 8

Input data: BL_4er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 400
 Best method is
 Method 2 of 5
 Parameters:
 a = 27,6561827033853
 b = 34,1068972106522
 DF = 11

Input data: Me_4er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 515
 Best method is
 Method 4 of 5
 min. size: 4
 a = 24,6843537877096
 b = 26,6248254105426
 DF = 10

X² = 1,0640 P(X²) = 0,9978

X² = 7,0553 P(X²) = 0,7946

X² = 21,9185 P(X²) = 0,0155

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	7	6,974	1	96	97,05	1	72	88,04	15	3	1,593	29	0	0,00
2	8	7,666	2	81	78,69	2	84	81,62	16	1	0,968	30	0	0,00
3	8	7,754	3	67	61,99	3	70	72,94	17	2	0,574	31	1	0,00
4	7	7,263	4	45	47,48	4	85	62,9	18	2	0,332			
5	5	6,335	5	35	35,39	5	62	52,41	19	0	0,188			
6	6	5,169	6	30	25,68	6	40	42,24	20	1	0,104			
7	5	3,962	7	11	18,16	7	29	32,97	21	0	0,056			
8	2	2,864	8	9	12,53	8	21	24,95	22	1	0,03			
9	2	1,958	9	11	8,427	9	18	18,31	23	0	0,015			
10	1	1,271	10	5	5,535	10	9	13,06	24	0	0,008			
11	0	0,784	11	4	3,551	11	6	9,046	25	0	0,004			
12	2	0,999	12	3	2,227	12	2	6,097	26	0	0,002			
			13	2	1,365	13	5	4	27	0	0,00			
			14	1	1,915	14	1	2,556	28	0	0,00			

Input data: MeK1_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 44
 Best method is
 Method 3 of 5
 Parameters:
 a = 7,87410060916327
 b = 5,62435757797376
 DF = 7

Input data: MeK2_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 37
 Best method is
 Method 5 of 5
 Parameters:
 a = 6,6507489472056
 b = 4,96467836139088
 DF = 6

Input data: MeK3_4er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 47
 Best method is
 Method 3 of 5
 Parameters:
 a = 16,0907549779806
 b = 16,3589342276136
 DF = 7

X² = 6,1068 P(X²) = 0,5273

X² = 6,4133 P(X²) = 0,3785

X² = 7,9033 P(X²) = 0,3412

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	3,962	17	0	0,003	1	5	4,269	1	6	7,722	17	0	0,019
2	7	5,546	18	1	0,002	2	2	5,719	2	6	7,595	18	0	0,01
3	4	6,593				3	7	6,376	3	11	7,04	19	0	0,005
4	8	6,809				4	10	6,089	4	5	6,171	20	0	0,002
5	6	6,216				5	5	5,085	5	6	5,129	21	0	0,001
6	4	5,086				6	3	3,772	6	3	4,054	22	0	0,00
7	6	3,769				7	1	2,518	7	1	3,054	23	0	0,00
8	0	2,553				8	2	1,527	8	3	2,198	24	0	0,00
9	2	1,593				9	0	0,849	9	4	1,514	25	0	0
10	0	0,92				10	0	0,436	10	1	1	26	0	0
11	0	0,496				11	0	0,207	11	0	0,635	27	0	0
12	0	0,25				12	1	0,092	12	0	0,387	28	0	0
13	1	0,118				13	1	0,062	13	0	0,228	29	0	0
14	0	0,053							14	0	0,129	30	0	0
15	0	0,022							15	0	0,071	31	1	0

16 0 0,009

16 0 0,038

Input data: MeK4_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 35
 Best method is
 Method 2 of 5
 Parameters:
 a = 832,326923076923
 b = 1013,75480769231
 DF =10
 $X^2 = 5,8860$ $P(X^2) = 0,8247$

Input data: MeK5_4er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 22
 Best method is
 Method 4 of 5
 Parameters:
 a = 36,5895386736172
 b = 35,889910555624
 DF =9
 $X^2 = 2,7028$ $P(X^2) = 0,9749$

Input data: MeK6_4er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 134
 Best method is
 Method 4 of 5
 Parameters:
 a = 30,9474526350462
 b = 33,8218958172887
 DF =12
 $X^2 = 12,8677$ $P(X^2) = 0,3787$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	6,387	16	1	0,299	1	1	2,25	1	19	22,48	16	0	0,384
2	8	5,244	17	1	0,242	2	3	2,294	2	26	20,57	17	0	0,244
3	3	4,301	18	1	1	3	1	2,275	3	17	18,28	18	0	0,151
4	6	3,524				4	3	2,197	4	19	15,79	19	0	0,092
5	2	2,885				5	3	2,067	5	18	13,27	20	1	0,129
6	1	2,36				6	2	1,896	6	11	10,86			
7	2	1,928				7	2	1,697	7	4	8,658			
8	2	1,573				8	1	1,482	8	4	6,729			
9	1	1,283				9	1	1,264	9	8	5,101			
10	0	1,045				10	1	1,054	10	2	3,775			
11	1	0,851				11	1	0,859	11	2	2,728			
12	0	0,692				12	1	0,685	12	0	1,927			
13	1	0,562				13	0	0,535	13	1	1,33			
14	0	0,456				14	1	0,408	14	0	0,898			
15	0	0,369				15	1	1,035	15	2	0,594			

Input data: MeK7_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 52
 Best method is
 Method 3 of 5
 Parameters:
 a = 362,552976168119
 b = 471,318869018554
 DF =9
 $X^2 = 4,8879$ $P(X^2) = 0,8440$

Input data: MeK8_4er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 44
 Best method is
 Method 1 of 5
 Parameters:
 a = 8,0191552081733
 b = 6,66289848671071
 DF =6
 $X^2 = 7,5123$ $P(X^2) = 0,2761$

Input data: MeK9_4er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 32
 Best method is
 Method 3 of 5
 Parameters:
 a = 2,26778728477657
 b = 0,907114913910627
 DF =3
 $X^2 = 1,5656$ $P(X^2) = 0,6672$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	13	12,264	16	0	0,1922	1*	7	5,8466	1	2	2,8811
2	10	9,4338	17	1	0,1433	2	7	7,0367	2	5	7,2027
3	7	7,2414	18	0	0,1066	3	2	7,3639	3	9	8,5648
4	5	5,5468	19	0	0,0791	4	10	6,8167	4	8	6,6813
5	4	4,2397	20	0	0,0586	5	5	5,6571	5	5	3,878
6	2	3,2339	21	0	0,0434	6	6	4,2545	6	0	1,7922
7	2	2,4615	22	1	0,1196	7	4	2,9253	7	0	0,688
8	4	1,8697				8	2	1,8525	8	0	0,2259
9	0	1,4172				9	1	2,2468	9	0	0,0648
10	1	1,0719							10	2	0,0165
11	1	0,8091							11	1	0,0047
12	0	0,6095									
13	1	0,4581									

14 0 0,3437
 15 0 0,2573

Input data: MeK10_4er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 27
 Best method is
 Method 1 of 5
 Parameters:
 a = 7,27729166666667
 b = 5,35166666666667
 DF =6

X² = 4,7580 P(X²) = 0,5752

X[i]	F[i]	NP[i]
1	3	2,8051
2	5	3,8144
3	1	4,3703
4	6	4,326
5	4	3,7695
6	4	2,9334
7	1	2,0622
8	1	1,322
9	1	0,7789
10	1	0,8182

Input data: MeK11_4er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 41
 Best method is
 Method 1 of 5
 Parameters:
 a = 9,26896714973156
 b = 7,72941174147125
 DF =7

X² = 5,6855 P(X²) = 0,5769

X[i]	F[i]	NP[i]
1	6	5,0333
2	5	6,0359
3	8	6,4089
4	5	6,1056
5	4	5,2746
6	4	4,1681
7	6	3,035
8	2	2,049
9	0	1,2894
10	1	1,6

Input data: Markera_4er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 545
 Best method is
 Method 2 of 5
 Parameters:
 a = 10,1590380491522
 b = 13,84358703788
 DF =7

X² = 6,0850 P(X²) = 0,5299

X[i]	F[i]	NP[i]
1	168	182,876
2	150	134,203
3	96	91,849
4	53	58,8943
5	38	35,5215
6	18	20,2238
7	13	10,9031
8	5	5,5819
9	1	2,7206
10	0	1,2653
11	2	0,5627
12	1	0,3991

Input data: Dama_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 315
 Best method is
 Method 4 of 5
 Parameters:
 a = 93,513789939848
 b = 111,930608957839
 DF =16

X² = 19,7176 P(X²) = 0,2332

X[i]	F[i]	NP[i]
1	60	60,074
2	53	50,189
3	47	41,56
4	37	34,112
5	26	27,756
6	24	22,389
7	26	17,905
8	12	14,198
9	7	11,164
10	4	8,7047
11	4	6,7312
12	1	5,1624
13	2	3,9271
14	2	2,9632
15	4	2,2181

Input data: DamaK1_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 45
 Best method is
 Method 1 of 5
 Parameters:
 a = 33,7375695430871
 b = 35,2517829663826
 DF =10

X² = 6,4532 P(X²) = 0,7759

X[i]	F[i]	NP[i]
1	6	6,252
2	5	5,9835
3	4	5,5685
4	4	5,0432
5	8	4,448
6	5	3,8232
7	5	3,2044
8	2	2,6207
9	1	2,0926
10	1	1,6323
11	1	1,2445
12	0	0,9278
13	1	0,6768
14	0	0,4832
15	0	0,3379

Input data: DamaK2_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 103
 Best method is
 Method 1 of 5
 Parameters:
 a = 4732180,34287298
 b = 6405496,36501499
 DF =10

$X^2 = 17,7356$ $P(X^2) = 0,0596$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	26	26,907	16	0	0,2867
2	17	19,878	17	0	0,2118
3	16	14,685	18	0	0,1565
4	12	10,849	19	1	0,1156
5	4	8,0149	20	0	0,0854
6	8	5,9211	21	0	0,0631
7	10	4,3743	22	0	0,0466
8	4	3,2316	23	0	0,0344
9	0	2,3874	24	0	0,0254
10	1	1,7637	25	0	0,0188
11	0	1,303	26	0	0,0139
12	0	0,9626	27	0	0,0103
13	0	0,7111	28	0	0,0076
14	1	0,5254	29	0	0,0056
15	2	0,3881	30	1	0,0158

Input data: DamaK3_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 113
 Best method is
 Method 2 of 5
 Parameters:
 a = 102,593335868363
 b = 127,548254595829
 DF =12

$X^2 = 7,5963$ $P(X^2) = 0,8158$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	20	24,35	16	0	0,4202
2	20	19,586	17	0	0,3024
3	20	15,632	18	0	0,2162
4	15	12,379	19	0	0,1534
5	8	9,7283	20	0	0,1081
6	7	7,587	21	1	0,2409
7	8	5,8724			
8	3	4,5112			
9	4	3,4398			
10	0	2,6035			
11	3	1,9561			
12	1	1,459			
13	1	1,0804			
14	1	0,7943			
15	1	0,5798			

Input data: DamaK4_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 54
 Best method is
 Method 1 of 5
 Parameters:
 a = 21,5895953190377
 b = 22,6551091788703
 DF =8

$X^2 = 1,3687$ $P(X^2) = 0,9947$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	8	8,8171	16	0	0,0887
2	11	8,4024	17	0	0,0509
3	7	7,6687	18	1	0,0605
4	6	6,7152			
5	6	5,6511			
6	4	4,5771			
7	3	3,5733			
8	3	2,6922			
9	2	1,96			
10	2	1,3804			
11	0	0,9414			
12	0	0,6224			
13	0	0,3993			
14	0	0,2487			

Input data: Futljar_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 256
 Best method is
 Method 2 of 5
 Parameters:
 a = 51,427771176158
 b = 61,0620799370993
 DF =14

$X^2 = 15,6901$ $P(X^2) = 0,3327$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	36	51,118	16	0	0,7873
2	45	43,053	17	3	0,5323
3	47	35,676	18	0	0,3552
4	32	29,094	19	0	0,234
5	28	23,356	20	0	0,1522
6	21	18,461	21	1	0,2591
7	12	14,372			
8	10	11,021			
9	9	8,3277			
10	4	6,2013			
11	2	4,5519			
12	3	3,2942			
13	1	2,351			
14	1	1,6548			

15 1 0,1506

15 1 1,1491

Input data: Malciki_4er.dat
Distribution: Hyperpoisson (a,b)
Sample size: 148
Best method is
Method 2 of 5

Parameters:
a = 85,3725094469255
b = 114,935374441773
DF = 10
 $X^2 = 12,4898$ $P(X^2) = 0,2536$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	38	40,348	7	9	5,9595	13	0	0,6527
2	36	29,97	8	3	4,207	14	0	0,439
3	18	22,069	9	6	2,9455	15	0	0,2929
4	21	16,112	10	1	2,0455	16	0	0,194
5	9	11,664	11	1	1,409	17	1	0,3576
6	4	8,3722	12	1	0,9628			

Input data: Zapiski_5er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 572
 Best method is
 Method 4 of 5
 Parameters:
 a = 6,15059286630544
 b = 7,12521975223803
 DF =7

Input data: Nevskij_5er.dat*
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 607
 Best method is
 Method 4 of 5
 Parameters:
 a = 14,0541623346442
 b = 14,4776923193097
 DF =11

Input data: Nos_5er.dat#
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 493
 Best method is
 Method 5 of 5
 min. size: 2
 a = 10,5233102687492
 b = 11,2768557484056
 DF =8

X² = 22,2979 P(X²) = 0,0023

X² = 43,5674 P(X²) = 0,0000

X² = 19,0099 P(X²) = 0,0148

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	149	163,1	1	69	108,5	15	1	0,52	1	93	106,2	16	1	0,042
2	180	140,8	2	141	105,3	16	0	0,257	2	126	99,08	17	0	0,017
3	102	106,5	3	115	95,64	17	1	0,122	3	78	84,92	18	2	0,007
4	65	71,82	4	92	81,58	18	0	0,057	4	65	67,31	19	0	0,002
5	29	43,63	5	56	65,6	19	1	0,025	5	43	49,61	20	1	0,001
6	21	24,12	6	44	49,89	20	0	0,011	6	30	34,18			
7	14	12,23	7	32	36	21	0	0,005	7	22	22,1			
8	5	5,733	8	22	24,71	22	1	0,003	8	18	13,46			
9	3	2,496	9	11	16,17				9	5	7,749			
10	1	1,015	10	8	10,11				10	4	4,23			
11	2	0,387	11	5	6,052				11	1	2,195			
12	1	0,208	12	3	3,475				12	2	1,086			
			13	4	1,917				13	1	0,513			
			14	1	1,017				14	1	0,232			
			15	1	0,52				15	0	0,101			

Input data: NosK1_5er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 69
 Best method is
 Method 1 of 5
 min.size: 2
 a = 5,22796900371876
 b = 4,70375245974736
 DF =4

Input data: NosK2_5er.dat*
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 371
 Best method is
 Method 4 of 5
 min.size: 4
 a = 21,8615626905325
 b = 26,521281311833
 DF =8

Input data: NosK3_5er.dat#
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 53
 Best method is
 Method 4 of 5
 min.size: 4
 a = 8,79484943942366
 b = 8,21430010547812
 DF =4

X² = 1,3590 P(X²) = 0,8513

X² = 19,8446 P(X²) = 0,0109

X² = 0,7929 P(X²) = 0,9394

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	13	13,503	1	71	89,726	16	1	0,1672	1	9	8,925
2	14	15,007	2	101	73,962	17	0	0,088	2	11	9,5557
3	16	13,755	3	53	58,752	18	2	0,0453	3	9	9,1207
4	11	10,727	4	48	45,033	19	0	0,0227	4	6	7,8533
5	5	7,2798	5	31	33,349	20	1	0,0211	5	7	6,1589
6	5	4,3727	6	20	23,887				6	5	4,4347
7	1	2,3558	7	19	16,567				7	2	2,9516
8	3	1,1506	8	13	11,136				8	2	1,8262
9	1	0,8486	9	3	7,2629				9	1	1,0557
			10	3	4,5994				10	1	1,1182
			11	1	2,8307						
			12	2	1,6945						

13 1 0,9873
 14 1 0,5603
 15 0 0,3099

Input data: BL_5er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 400
 Best method is
 Method 4 of 5
 Parameters:
 a = 19,1340927586413
 b = 25,4706149068054
 DF =9

Input data: Me_5er.dat*
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 515
 Best method is
 Method 1 of 5
 min. size: 4
 a = 12,8486458643894
 b = 13,6625187172123
 DF =8

Input data: MeK1_5er.dat#
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 44
 Best method is
 Method 3 of 5
 Parameters:
 a = 5,87903225806452
 b = 4,40927419354839
 DF =6

X² = 4,6727 P(X²) = 0,8619

X² = 19,4182 P(X²) = 0,0128

X² = 1,8433 P(X²) = 0,9335

X[l]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	121	119,71	1	94	102,66	16	1	0,1161	1	6	5,5922
2	89	89,927	2	93	96,547	17	0	0,0521	2	8	7,4562
3	68	65,003	3	107	84,604	18	1	0,0225	3	8	8,1037
4	46	45,277	4	79	69,404	19	0	0,0094	4	8	7,4333
5	31	30,429	5	50	53,518	20	0	0,0038	5	5	5,8981
6	14	19,756	6	33	38,932	21	0	0,0015	6	5	4,1234
7	12	12,406	7	22	26,804	22	0	0,0006	7	1	2,5764
8	9	7,5428	8	12	17,515	23	0	0,0002	8	1	1,4551
9	5	4,4448	9	7	10,891	24	0	0,0001	9	0	0,7498
10	4	2,5409	10	4	6,46	25	1	0	10	1	0,3552
11	0	1,4104	11	2	3,6625				11	0	0,1557
12	1	1,5568	12	4	1,9887				12	0	0,0635
			13	2	1,0361				13	0	0,0242
			14	2	0,5187				14	1	0,013
			15	1	0,25						

Input data: MeK2_5er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 37
 Best method is
 Method 1 of 5
 Parameters:
 a = 4,74937746192227
 b = 4,10839806821166
 DF =4

Input data: MeK3_5er.dat*
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 47
 Best method is
 Method 3 of 5
 Parameters:
 a = 11,0715434720212
 b = 11,1945606217103
 DF =6

Input data: MeK4_5er.dat#
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 35
 Best method is
 Method 2 of 5
 Parameters:
 a = 191,757847533633
 b = 242,762331838566
 DF =8

X² = 3,1867 P(X²) = 0,5271

X² = 7,9617 P(X²) = 0,2409

X² = 7,7206 P(X²) = 0,4612

X[l]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	6	7,0377	1	9	8,7179	16	0	0,0079	1	6	7,7237
2	5	8,1357	2	9	8,6221	17	0	0,0033	2	8	6,1009
3	11	7,564	3	9	7,8281	18	0	0,0014	3	8	4,7993
4	7	5,8811	4	7	6,5685	19	0	0,0005	4	2	3,76
5	4	3,9294	5	3	5,1233	20	0	0,0002	5	1	2,9338
6	2	2,3016	6	1	3,7331	21	0	0,0001	6	2	2,2798
7	0	1,2001	7	6	2,5522	22	0	0	7	3	1,7645
8	0	0,5639	8	2	1,6433	23	0	0	8	0	1,3602
9	0	0,2411	9	0	1	24	0	0	9	1	1,0443
10	2	0,1454	10	0	0,5768	25	1	0	10	1	0,7986
			11	0	0,3162				11	0	0,6082
			12	0	0,1652				12	0	0,4614

<p>13 0 0,0824</p> <p>14 0 0,0393</p> <p>15 0 0,018</p> <p>Input data: MeK5_5er.dat Distribution: Hyperpoisson (a,b) Sample size: 22 Best method is Method 4 of 5 Parameters: a = 17,8599769199511 b = 16,4270553269096 DF =7 $X^2 = 2,3670$ $P(X^2) = 0,9368$</p> <table border="0"> <thead> <tr> <th>X[i]</th><th>F[i]</th><th>NP[i]</th><th>X[i]*</th></tr> </thead> <tbody> <tr><td>1</td><td>2</td><td>2,4917</td><td>1</td></tr> <tr><td>2</td><td>3</td><td>2,709</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>2,7763</td><td>3</td></tr> <tr><td>4</td><td>3</td><td>2,6909</td><td>4</td></tr> <tr><td>5</td><td>4</td><td>2,4738</td><td>5</td></tr> <tr><td>6</td><td>1</td><td>2,1629</td><td>6</td></tr> <tr><td>7</td><td>1</td><td>1,8029</td><td>7</td></tr> <tr><td>8</td><td>1</td><td>1,4357</td><td>8</td></tr> <tr><td>9</td><td>2</td><td>1,0945</td><td>9</td></tr> <tr><td>10</td><td>0</td><td>0,8003</td><td>10</td></tr> <tr><td>11</td><td>0</td><td>0,5621</td><td>11</td></tr> <tr><td>12</td><td>2</td><td>0,9999</td><td>12</td></tr> <tr><td></td><td></td><td></td><td>13</td></tr> <tr><td></td><td></td><td></td><td>14</td></tr> <tr><td></td><td></td><td></td><td>15</td></tr> <tr><td></td><td></td><td></td><td>16</td></tr> </tbody> </table>	X[i]	F[i]	NP[i]	X[i]*	1	2	2,4917	1	2	3	2,709	2	3	3	2,7763	3	4	3	2,6909	4	5	4	2,4738	5	6	1	2,1629	6	7	1	1,8029	7	8	1	1,4357	8	9	2	1,0945	9	10	0	0,8003	10	11	0	0,5621	11	12	2	0,9999	12				13				14				15				16	<p>13 2 0,3487</p> <p>14 0 0,2625</p> <p>15 1 0,7541</p> <p>Input data: MeK6_5er.dat* Distribution: Hyperpoisson (a,b) Sample size: 134 Best method is Method 4 of 5 Parameters: a = 10,3378621190393 b = 11,2403433687189 DF =7 $X^2 = 6,0139$ $P(X^2) = 0,5381$</p> <table border="0"> <thead> <tr> <th>F[i]</th><th>NP[i]</th><th>X[i]#</th><th>F[i]</th></tr> </thead> <tbody> <tr><td>25</td><td>29,919</td><td>1</td><td>16</td></tr> <tr><td>28</td><td>27,517</td><td>2</td><td>9</td></tr> <tr><td>25</td><td>23,24</td><td>3</td><td>8</td></tr> <tr><td>21</td><td>18,146</td><td>4</td><td>6</td></tr> <tr><td>13</td><td>13,173</td><td>5</td><td>3</td></tr> <tr><td>5</td><td>8,9354</td><td>6</td><td>4</td></tr> <tr><td>8</td><td>5,6879</td><td>7</td><td>1</td></tr> <tr><td>3</td><td>3,4106</td><td>8</td><td>1</td></tr> <tr><td>2</td><td>1,933</td><td>9</td><td>1</td></tr> <tr><td>0</td><td>1,0386</td><td>10</td><td>0</td></tr> <tr><td>1</td><td>0,5305</td><td>11</td><td>1</td></tr> <tr><td>0</td><td>0,2582</td><td>12</td><td>0</td></tr> <tr><td>0</td><td>0,12</td><td>13</td><td>0</td></tr> <tr><td>0</td><td>0,0534</td><td>14</td><td>1</td></tr> <tr><td>0</td><td>0,0228</td><td>15</td><td>0</td></tr> <tr><td>1</td><td>0,0152</td><td></td><td></td></tr> </tbody> </table>	F[i]	NP[i]	X[i]#	F[i]	25	29,919	1	16	28	27,517	2	9	25	23,24	3	8	21	18,146	4	6	13	13,173	5	3	5	8,9354	6	4	8	5,6879	7	1	3	3,4106	8	1	2	1,933	9	1	0	1,0386	10	0	1	0,5305	11	1	0	0,2582	12	0	0	0,12	13	0	0	0,0534	14	1	0	0,0228	15	0	1	0,0152			<p>Input data: MeK7_5er.dat# Distribution: Hyperpoisson (a,b) Sample size: 52 Best method is Method 2 of 5 Parameters: a = 187,609746769415 b = 272,032305143548 DF =6 $X^2 = 3,3898$ $P(X^2) = 0,7586$</p> <table border="0"> <thead> <tr> <th>NP[i]</th><th>X[i]</th><th>F[i]</th><th>NP[i]</th></tr> </thead> <tbody> <tr><td>16,412</td><td>16</td><td>0</td><td>0,0427</td></tr> <tr><td>11,319</td><td>17</td><td>0</td><td>0,0279</td></tr> <tr><td>7,7774</td><td>18</td><td>1</td><td>0,0512</td></tr> <tr><td>5,3246</td><td></td><td></td><td></td></tr> <tr><td>3,6321</td><td></td><td></td><td></td></tr> <tr><td>2,4686</td><td></td><td></td><td></td></tr> <tr><td>1,6718</td><td></td><td></td><td></td></tr> <tr><td>1,1281</td><td></td><td></td><td></td></tr> <tr><td>0,7585</td><td></td><td></td><td></td></tr> <tr><td>0,5081</td><td></td><td></td><td></td></tr> <tr><td>0,3392</td><td></td><td></td><td></td></tr> <tr><td>0,2257</td><td></td><td></td><td></td></tr> <tr><td>0,1496</td><td></td><td></td><td></td></tr> <tr><td>0,0988</td><td></td><td></td><td></td></tr> <tr><td>0,065</td><td></td><td></td><td></td></tr> </tbody> </table>	NP[i]	X[i]	F[i]	NP[i]	16,412	16	0	0,0427	11,319	17	0	0,0279	7,7774	18	1	0,0512	5,3246				3,6321				2,4686				1,6718				1,1281				0,7585				0,5081				0,3392				0,2257				0,1496				0,0988				0,065			
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<p>Input data: MeK8_5er.dat Distribution: Hyperpoisson (a,b) Sample size: 44 Best method is Method 4 of 5 Parameters: a = 4,55833768415695 b = 3,29704928028591 DF =4 $X^2 = 4,5853$ $P(X^2) = 0,3326$</p> <table border="0"> <thead> <tr> <th>X[i]</th><th>F[i]</th><th>NP[i]</th></tr> </thead> <tbody> <tr><td>1</td><td>8</td><td>6,1336</td></tr> <tr><td>2</td><td>7</td><td>8,48</td></tr> <tr><td>3</td><td>8</td><td>8,9956</td></tr> <tr><td>4</td><td>8</td><td>7,7411</td></tr> <tr><td>5</td><td>6</td><td>5,6037</td></tr> <tr><td>6</td><td>6</td><td>3,5005</td></tr> <tr><td>7</td><td>1</td><td>3,5454</td></tr> </tbody> </table>	X[i]	F[i]	NP[i]	1	8	6,1336	2	7	8,48	3	8	8,9956	4	8	7,7411	5	6	5,6037	6	6	3,5005	7	1	3,5454	<p>Input data: MeK9_5er.dat Distribution: Hyperpoisson (a,b) Sample size: 32 Best method is Method 3 of 5 Parameters: a = 2,68078125 b = 1,7871875 DF =3 $X^2 = 9,2731$ $P(X^2) = 0,0259$</p> <table border="0"> <thead> <tr> <th>X[i]</th><th>F[i]</th><th>NP[i]</th></tr> </thead> <tbody> <tr><td>1</td><td>4</td><td>5,3724</td></tr> <tr><td>2</td><td>6</td><td>8,0586</td></tr> <tr><td>3</td><td>14</td><td>7,7509</td></tr> <tr><td>4</td><td>5</td><td>5,4865</td></tr> <tr><td>5</td><td>0</td><td>3,0724</td></tr> <tr><td>6</td><td>0</td><td>1,4232</td></tr> <tr><td>7</td><td>0</td><td>0,5621</td></tr> <tr><td>8</td><td>2</td><td>0,1935</td></tr> <tr><td>9</td><td>1</td><td>0,0804</td></tr> </tbody> </table>	X[i]	F[i]	NP[i]	1	4	5,3724	2	6	8,0586	3	14	7,7509	4	5	5,4865	5	0	3,0724	6	0	1,4232	7	0	0,5621	8	2	0,1935	9	1	0,0804	<p>Input data: MeK10_5er.dat Distribution: Hyperpoisson (a,b) Sample size: 27 Best method is Method 1 of 5 Parameters: a = 3,95993188512518 b = 2,60716586892489 DF =4 $X^2 = 2,0487$ $P(X^2) = 0,7268$</p> <table border="0"> <thead> <tr> <th>X[i]</th><th>F[i]</th><th>NP[i]</th></tr> </thead> <tbody> <tr><td>1</td><td>4</td><td>3,4649</td></tr> <tr><td>2</td><td>4</td><td>5,2627</td></tr> <tr><td>3</td><td>7</td><td>5,7774</td></tr> <tr><td>4</td><td>4</td><td>4,9658</td></tr> <tr><td>5</td><td>5</td><td>3,5069</td></tr> <tr><td>6</td><td>1</td><td>2,1019</td></tr> <tr><td>7</td><td>1</td><td>1,0941</td></tr> <tr><td>8</td><td>1</td><td>0,8263</td></tr> </tbody> </table>	X[i]	F[i]	NP[i]	1	4	3,4649	2	4	5,2627	3	7	5,7774	4	4	4,9658	5	5	3,5069	6	1	2,1019	7	1	1,0941	8	1	0,8263
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Input data: MeK11_5er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 41
 Best method is
 Method 1 of 5
 Parameters:
 a = 5,60371512285027
 b = 4,43889793439263
 DF =5

$X^2 = 6,2517$ $P(X^2) = 0,2825$

X[i]	F[i]	NP[i]	X[i]*
1	8	6,0424	1
2	6	7,628	2
3	6	7,8592	3
4	8	6,8398	4
5	6	5,1524	5
6	6	3,4214	6
7	0	2,0312	7
8	1	2,0256	8
			9

Input data: Markera_5er.dat*
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 545
 Best method is
 Method 1 of 5
 Parameters:
 a = 4,83777985318327
 b = 7,0570480695459
 DF =5

$X^2 = 2,1167$ $P(X^2) = 0,8328$

F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]
217	218,18	1	71	83,875	16
159	149,57	2	66	61,95	17
85	89,807	3	56	45,643	18
44	47,97	4	30	33,545	19
22	23,075	5	31	24,593	20
12	10,096	6	23	17,985	21
3	4,0509	7	15	13,121	22
0	1,5009	8	4	9,5485	23
3	0,7518	9	4	6,9319	24
		10	3	5,02	25
		11	2	3,6266	
		12	4	2,6137	
		13	0	1,8791	
		14	1	1,3477	
		15	2	0,9642	

Input data: Dama_5er.dat#
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 315
 Best method is
 Method 2 of 5
 Parameters:
 a = 297,131589890917
 b = 402,292250661816
 DF =13

$X^2 = 17,7291$ $P(X^2) = 0,1681$

F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0,6882			
1	0,49			
0	0,3481			
0	0,2467			
0	0,1744			
0	0,123			
0	0,0865			
0	0,0607			
0	0,0425			
1	0,0969			

Input data: DamaK1_5er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 45
 Best method is
 Method 1 of 5
 Parameters:
 a = 14,1424461410985
 b = 13,7683623342803
 DF =7

$X^2 = 5,3204$ $P(X^2) = 0,6209$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	6	6,863	1	28	28,18
2	9	7,05	2	21	20,81
3	3	6,751	3	22	15,26
4	9	6,055	4	4	11,12
5	6	5,107	5	12	8,051
6	4	4,065	6	7	5,79
7	3	3,063	7	3	4,137
8	1	2,191	8	1	2,936
9	1	1,492	9	0	2,071
10	1	0,969	10	0	1,452
11	0	0,602	11	1	1,011
12	0	0,358	12	2	0,7

Input data: DamaK2_5er.dat*
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 103
 Best method is
 Method 1 of 5
 Parameters:
 a = 110,139978991633
 b = 149,15480157657
 DF =9

$X^2 = 15,9932$ $P(X^2) = 0,0670$

X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	0,151	1	1	27	30,01
2	0,101	2	2	23	22,61
3	0,068	3	3	23	16,86
4	0,045	4	4	10	12,44
5	0,03	5	5	8	9,087
6	0,019	6	6	9	6,572
7	0,013	7	7	5	4,707
8	0,008	8	8	0	3,338
9	0,005	9	9	3	2,344
10	0,009	10	10	2	1,63
			11	1	1,123
			12	1	0,767

Input data: DamaK3_5er.dat#
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 113
 Best method is
 Method 2 of 5
 Parameters:
 a = 72,5636001755693
 b = 96,328189795791
 DF =10

$X^2 = 7,7540$ $P(X^2) = 0,6528$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
16	0	0,152			
17	1	0,272			

13	0	0,205	13	0	0,481	13	0	0,518				
14	1	0,112	14	0	0,329	14	0	0,347				
15	1	0,117	15	0	0,223	15	0	0,23				
Input data: DamaK4_5er.dat					Input data: Futljar_5er.dat*					Input data: Malciki_5er.dat#		
Distribution: Hyperpoisson					Distribution: Hyperpoisson					Distribution: Hyperpoisson		
(a,b)					(a,b)					(a,b)		
Sample size: 54					Sample size: 256					Sample size: 148		
Best method is					Best method is					Best method is		
Method 5 of 5					Method 2 of 5					Method 2 of 5		
Parameters:					Parameters:					Parameters:		
a = 10,3859947294283					a = 28,7368807308458					a = 26,2453434052281		
b = 10,8917511819749					b = 35,7151237625956					b = 37,3093827651327		
DF =6					DF =10					DF =7		
X ² = 2,0774		P(X ²) = 0,9124			X ² = 11,5038		P(X ²) = 0,3196			X ² = 4,5030		P(X ²) = 0,7204
X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]	
1	10	11,135	1	49	62,956	16	0	0,178	1	43	48,518	
2	13	10,618	2	54	50,655	17	1	0,2213	2	42	34,13	
3	8	9,2737	3	50	39,648				3	24	23,382	
4	7	7,4712	4	35	30,209				4	13	15,611	
5	5	5,5857	5	24	22,423				5	8	10,165	
6	3	3,8957	6	16	16,225				6	7	6,4579	
7	4	2,546	7	11	11,452				7	6	4,006	
8	2	1,5654	8	5	7,8888				8	2	2,4276	
9	0	0,9087	9	2	5,3073				9	1	1,4379	
10	0	0,4996	10	4	3,4888				10	1	0,8329	
11	0	0,2608	11	1	2,2421				11	0	0,472	
12	1	0,1297	12	1	1,4094				12	0	0,2619	
13	0	0,0615	13	2	0,867				13	1	0,2974	
14	0	0,0279	14	1	0,5222							
15	1	0,0205	15	0	0,308							

Input data: NosK2_1er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 371
 Method 2 of 2
 Parameters:
 k = 1,80945527078556
 m = 0,896958044567685
 q = 0,89060370262348
 DF =49
 $X^2 = 71,8040$ $P(X^2) = 0,0185$

Input data: BL_1er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 400
 Method 2 of 2
 Parameters:
 k = 1,32813142177877
 m = 0,837230579198997
 q = 0,889913092213827
 DF =43
 $X^2 = 30,0753$ $P(X^2) = 0,9320$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	6	4,918	41	2	1,618	81	0	0,029	1	17	13,57	41	2	0,991
2	11	8,836	42	1	1,473	82	0	0,026	2	24	19,15	42	1	0,892
3	14	11,65	43	0	1,34	83	0	0,024	3	27	21,6	43	0	0,803
4	15	13,65	44	0	1,219	84	0	0,021	4	28	22,55	44	1	0,723
5	25	15	45	0	1,108	85	0	0,019	5	25	22,63	45	1	0,651
6	25	15,85	46	2	1,007	86	0	0,017	6	16	22,19	46	1	0,585
7	25	16,3	47	0	0,915	87	1	0,016	7	20	21,4	47	1	0,527
8	14	16,44	48	0	0,831	88	1	0,014	8	20	20,42	48	0	0,474
9	22	16,33	49	0	0,754	89	0	0,013	9	15	19,31	49	1	0,426
10	15	16,04	50	1	0,684	90	0	0,011	10	18	18,13	50	1	0,383
11	18	15,6	51	0	0,62	91	0	0,01	11	16	16,94	51	0	0,344
12	4	15,06	52	0	0,562	92	0	0,009	12	18	15,76	52	0	0,309
13	9	14,44	53	0	0,51	93	0	0,008	13	12	14,61	53	0	0,278
14	10	13,77	54	1	0,462	94	0	0,007	14	12	13,5	54	0	0,249
15	12	13,07	55	0	0,418	95	0	0,007	15	10	12,44	55	0	0,224
16	9	12,35	56	0	0,379	96	0	0,006	16	11	11,43	56	1	1,948
17	13	11,63	57	1	0,343	97	1	0,053	17	11	10,49			
18	7	10,92	58	1	0,31				18	7	9,608			
19	9	10,22	59	0	0,281				19	8	8,786			
20	10	9,541	60	0	0,254				20	9	8,022			
21	6	8,887	61	0	0,229				21	10	7,316			
22	8	8,26	62	0	0,207				22	8	6,664			
23	6	7,663	63	1	0,187				23	5	6,064			
24	5	7,097	64	0	0,169				24	7	5,512			
25	6	6,562	65	0	0,153				25	1	5,006			
26	7	6,058	66	0	0,138				26	2	4,543			
27	3	5,585	67	0	0,125				27	3	4,12			
28	3	5,143	68	1	0,113				28	5	3,733			
29	7	4,73	69	0	0,102				29	1	3,381			
30	0	4,346	70	0	0,092				30	3	3,06			
31	9	3,989	71	0	0,083				31	4	2,768			
32	6	3,657	72	0	0,075				32	1	2,502			
33	2	3,35	73	0	0,067				33	2	2,261			
34	2	3,067	74	0	0,061				34	3	2,042			
35	0	2,805	75	0	0,055				35	2	1,844			
36	3	2,563	76	1	0,049				36	4	1,664			
37	3	2,341	77	0	0,045				37	2	1,501			
38	2	2,136	78	0	0,04				38	0	1,354			
39	3	1,948	79	0	0,036				39	1	1,22			

40 2 1,776 80 0 0,033

40 2 1,1

Input data: MeK1_1er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 44
 Method 2 of 2
 Parameters:
 k = 0,457309909313677
 m = 0,142667276256819
 q = 0,38042550031177
 DF =1

Input data: MeK6_1er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 134
 Method 2 of 2
 Parameters:
 k = 0,684025170384053
 m = 0,240253488086242
 q = 0,90410706557931
 DF =7

X² =574,8224 P(X²) = 0,0000

X² = 7,5151 P(X²) = 0,3773

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	13,534	41	0	0	1	3	1,9226	41	0	0,5002
2	3	16,504	42	0	0	2	8	4,9489	42	1	0,4573
3	2	8,0072	43	0	0	3	5	6,0753	43	0	0,4179
4	0	3,4934	44	0	0	4	3	6,5807	44	1	0,3818
5	1	1,4621	45	0	0	5	6	6,7645	45	0	0,3487
6	2	0,5984	46	0	0	6	4	6,7559	46	0	0,3184
7	3	0,2416	47	0	0	7	7	6,6254	47	0	0,2907
8	1	0,0966	48	0	0	8	9	6,416	48	0	0,2653
9	1	0,0384	49	0	0	9	5	6,1563	49	0	0,2422
10	1	0,0152	50	1	0	10	3	5,8657	50	0	0,221
11	1	0,006	51	0	0	11	2	5,5579	51	0	0,2016
12	1	0,0023	52	0	0	12	7	5,2427	52	1	0,1838
13	3	0,0009	53	0	0	13	5	4,9271	53	0	0,1677
14	3	0,0004	54	0	0	14	6	4,6161	54	0	0,1529
15	0	0,0001	55	0	0	15	5	4,3134	55	0	0,1394
16	2	0,0001	56	0	0	16	3	4,0213	56	0	0,127
17	3	0	57	0	0	17	7	3,7415	57	0	0,1158
18	2	0	58	0	0	18	8	3,4752	58	0	0,1055
19	1	0	59	0	0	19	1	3,2228	59	1	0,0961
20	0	0	60	0	0	20	2	2,9847	60	1	0,0876
21	2	0	61	0	0	21	0	2,7607	61	0	0,0798
22	1	0	62	0	0	22	4	2,5507	62	0	0,0726
23	1	0	63	0	0	23	3	2,3543	63	0	0,0662
24	0	0	64	0	0	24	4	2,171	64	0	0,0602
25	1	0	65	0	0	25	2	2,0003	65	0	0,0548
26	2	0	66	0	0	26	0	1,8416	66	0	0,0499
27	3	0	67	0	0	27	1	1,6943	67	0	0,0454
28	0	0	68	0	0	28	1	1,5577	68	0	0,0414
29	0	0	69	1	0	29	2	1,4313	69	0	0,0376
30	0	0				30	1	1,3143	70	0	0,0343
31	0	0				31	1	1,2063	71	0	0,0312
32	0	0				32	0	1,1067	72	0	0,0284
33	0	0				33	2	1,0148	73	0	0,0258
34	1	0				34	2	0,9301	74	0	0,0235
35	0	0				35	3	0,8521	75	0	0,0213
36	1	0				36	1	0,7804	76	0	0,0194
37	0	0				37	0	0,7144	77	0	0,0177
38	0	0				38	1	0,6538	78	1	0,176
39	0	0				39	1	0,5982			

40 0 0

40 0 0,5471

Input data: Markera_1er.dat
Distribution: Hyperpascal (k,m,q)
Sample size: 545
Method 1 of 2
Parameters:

k = 3,61603279159367
m = 1,81713254989424
q = 0,7604862799512
DF =28
 $X^2 = 63,6045$ $P(X^2) = 0,0001$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	27	19,5306	21	6	5,347	41	1	0,0711
2	42	29,5565	22	3	4,4016	42	1	0,0564
3	54	36,8304	23	4	3,6113	43	0	0,0447
4	45	41,2088	24	5	2,9537	44	0	0,0354
5	49	43,0418	25	4	2,4091	45	1	0,1321
6	42	42,855	26	6	1,9597			
7	27	41,1906	27	1	1,5903			
8	32	38,5335	28	2	1,2876			
9	29	35,2829	29	0	1,0404			
10	29	31,7489	30	3	0,8389			
11	20	28,1599	31	0	0,6752			
12	18	24,6752	32	2	0,5425			
13	14	21,3989	33	1	0,4352			
14	20	18,3923	34	0	0,3486			
15	13	15,6852	35	0	0,2788			
16	6	13,285	36	0	0,2227			
17	21	11,1838	37	0	0,1776			
18	8	9,3638	38	0	0,1415			
19	6	7,8018	39	0	0,1126			
20	3	6,4718	40	0	0,0895			

Input data: Zapiski_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 572
 Method 1 of 2
 Parameters:
 k = 0,802712404374532
 m = 0,15752190814476
 q = 0,725820873263632
 DF =19

$X^2 = 19,7704$ $P(X^2) = 0,4085$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	21	19,12	21	1	1,106	1	8	6,951	21	4	6,241	41	0	0,142
2	80	70,71	22	2	0,828	2	37	31,66	22	4	5,23	42	1	0,116
3	94	79,93	23	0	0,62	3	53	44,43	23	4	4,373	43	0	0,095
4	71	75,36	24	1	0,463	4	51	50,16	24	6	3,651	44	0	0,078
5	63	65,87	25	0	0,345	5	61	51,5	25	1	3,042	45	0	0,064
6	47	55,23	26	2	0,257	6	50	50,11	26	4	2,531	46	0	0,052
7	39	45,1	27	0	0,192	7	44	47,12	27	0	2,103	47	1	0,043
8	29	36,17	28	0	0,142	8	33	43,26	28	3	1,745	48	0	0,035
9	27	28,62	29	1	0,409	9	47	39,02	29	0	1,446	49	0	0,029
10	25	22,41				10	33	34,72	30	1	1,197	50	0	0,023
11	16	17,41				11	23	30,56	31	1	0,99	51	0	0,019
12	7	13,44				12	26	26,67	32	2	0,818	52	0	0,016
13	13	10,32				13	15	23,11	33	1	0,675	53	0	0,013
14	8	7,889				14	22	19,9	34	0	0,557	54	1	0,056
15	6	6,007				15	14	17,05	35	1	0,459			
16	6	4,559				16	14	14,54	36	0	0,378			
17	6	3,45				17	12	12,35	37	1	0,311			
18	4	2,604				18	9	10,46	38	0	0,256			
19	3	1,961				19	15	8,829	39	0	0,21			
20	0	1,474				20	4	7,432	40	0	0,173			

Input data: Nevskij_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 607
 Method 1 of 2
 Parameters:
 k = 1,08167127990338
 m = 0,190554655076991
 q = 0,802501319218659
 DF =30

$X^2 = 33,7937$ $P(X^2) = 0,2892$

Input data: Nos_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 493
 Method 1 of 2
 Parameters:

k = 10,1904065806937
 m = 3,63933631586979
 q = 0,557883075017357
 DF =20

$X^2 = 134,9116$ $P(X^2) = 0,0000$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	24	15,813	16	16	8,8467	31	0	0,046	46	0	0,0001
2	41	24,702	17	5	6,67	32	1	0,0306	47	0	0
3	61	33,24	18	7	4,9623	33	0	0,0203	48	0	0
4	47	40,086	19	6	3,6471	34	1	0,0134	49	1	0
5	46	44,429	20	6	2,6506	35	0	0,0088			
6	32	46,042	21	4	1,9066	36	0	0,0058			
7	28	45,163	22	0	1,3585	37	0	0,0038			
8	30	42,319	23	3	0,9594	38	1	0,0025			
9	27	38,146	24	1	0,672	39	0	0,0016			
10	26	33,259	25	1	0,4671	40	0	0,001			
11	21	28,172	26	0	0,3223	41	0	0,0007			
12	15	23,265	27	1	0,221	42	0	0,0004			
13	17	18,788	28	0	0,1505	43	0	0,0003			

14	10	14,872	29	2	0,1019	44	2	0,0002
15	10	11,563	30	0	0,0686	45	0	0,0001

Input data: NosK1_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 69
 Method 1 of 2
 Parameters:
 k = 0,372789711614743
 m = 0,156613646977356
 q = 0,840688193525753
 DF =15

$X^2 = 12,8407$ $P(X^2) = 0,6146$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	4	3,615	16	0	1,194	1	41	39,514	16	5	5,1084
2	8	7,234	17	0	1,0181	2	55	52,951	17	5	4,2665
3	5	7,2182	18	3	0,8673	3	41	47,361	18	6	3,5621
4	6	6,6766	19	1	0,7383	4	40	40,945	19	2	2,9731
5	4	5,9973	20	0	0,6281	5	33	34,954	20	3	2,4807
6	7	5,3041	21	1	3,5146	6	34	29,642	21	3	2,0694
7	4	4,646				7	24	25,036	22	1	1,7259
8	7	4,043				8	21	21,088	23	2	1,4391
9	4	3,5016				9	18	17,727	24	1	1,1997
10	5	3,0217				10	17	14,879	25	2	1
11	3	2,6003				11	18	12,474	26	0	0,8334
12	2	2,2326				12	12	10,448	27	0	0,6944
13	0	1,9133				13	3	8,7444	28	1	3,4583
14	3	1,6371				14	8	7,3138			
15	2	1,3989				15	4	6,1139			

Input data: BL_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 400
 Method 1 of 2
 Parameters:
 k = 0,232007055344187
 m = 0,143761290056929
 q = 0,83036078396202
 DF =22

$X^2 = 16,0911$ $P(X^2) = 0,8113$

Input data: Me_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 515
 Method 2 of 2
 Parameters:

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	29	32,687	17	10	8,1564	33	2	0,6083	49	0	0,0413
2	43	47,882	18	8	6,9743	34	0	0,5151	50	0	0,0348
3	44	49,35	19	7	5,9567	35	1	0,436	51	0	0,0294
4	40	46,975	20	2	5,0825	36	1	0,369	52	0	0,0248
5	31	43,164	21	2	4,3327	37	0	0,3121	53	0	0,0209
6	39	38,877	22	4	3,6904	38	0	0,264	54	0	0,0176
7	52	34,57	23	2	3,141	39	1	0,2232	55	0	0,0149
8	33	30,467	24	0	2,6716	40	0	0,1887	56	0	0,0125
9	40	26,673	25	3	2,2709	41	0	0,1595	57	0	0,0106
10	22	23,235	26	2	1,9292	42	0	0,1348	58	0	0,0089
11	23	20,158	27	0	1,6381	43	0	0,1139	59	0	0,0075
12	17	17,432	28	1	1,3902	44	1	0,0962	60	0	0,0063
13	15	15,035	29	0	1,1793	45	0	0,0813	61	0	0,0053
14	14	12,937	30	3	1	46	0	0,0686	62	1	0,0286
15	14	11,111	31	1	0,8476	47	0	0,0579			
16	7	9,5267	32	0	0,7182	48	0	0,0489			

k = 0,77476553254681
 m = 0,443307945206486
 q = 0,838173972910266
 DF =29
 $X^2 = 35,6492$ $P(X^2) = 0,1840$

Input data: MeK2_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 37
 Method 1 of 2
 Parameters:
 k = 0,380168655302301
 m = 0,214459053903427
 q = 0,842445624686521
 DF =12
 $X^2 = 17,5896$ $P(X^2) = 0,1287$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	2,7507	16	0	0,5993
2	3	4,1079	17	0	0,5104
3	2	3,9329	18	0	0,4343
4	0	3,5612	19	0	0,3694
5	4	3,1547	20	0	0,3141
6	3	2,7622	21	0	0,2669
7	7	2,4009	22	0	0,2267
8	3	2,0766	23	1	0,1924
9	3	1,7896	24	0	0,1633
10	2	1,5381	25	1	0,9074
11	2	1,319			
12	1	1,1292			
13	1	0,9654			
14	0	0,8243			
15	2	0,7031			

Input data: MeK8_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 44
 Method 1 of 2
 min.size: 2
 k = 0,228046492794746
 m = 0,0316937196210069
 q = 0,842974685820953
 DF =8
 $X^2 = 15,3429$ $P(X^2) = 0,0528$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	0,783	16	0	0,7936
2	6	4,7491	17	0	0,6778
3	4	4,7653	18	1	3,8731
4	3	4,4052			
5	1	3,954			
6	1	3,4955			
7	4	3,0616			
8	6	2,6648			
9	1	2,3091			
10	4	1,9941			
11	4	1,7175			
12	2	1,4762			
13	0	1,2665			
14	4	1,0851			
15	2	0,9285			

Input data: MeK11_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 41
 Method 2 of 2
 min. size: 2
 k = 0,363480233886772
 m = 0,0612434021773191
 q = 0,812822761828887
 DF =8
 $X^2 = 12,4359$ $P(X^2) = 0,1328$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	0,953	16	0	0,62
2	5	4,598	17	0	0,514
3	3	4,801	18	0	0,425
4	2	4,475	19	1	2
5	3	3,996			
6	5	3,49			
7	1	3,006			
8	4	2,565			
9	3	2,174			
10	1	1,834			
11	2	1,54			
12	2	1,29			
13	4	1,077			
14	2	0,897			

Input data: Futljar_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 256
 Method 1 of 2
 Parameters:
 k = 0,300440863141874
 m = 0,0975492327571911
 q = 0,845621254711501
 DF =25
 $X^2 = 17,7518$ $P(X^2) = 0,8527$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	10	10,18	16	3	4,639	31	0	0,433
2	26	26,5	17	6	3,975	32	0	0,368
3	26	26,55	18	3	3,404	33	3	0,313
4	19	24,63	19	3	2,913	34	0	0,267
5	22	22,19	20	1	2,491	35	0	0,227
6	25	19,69	21	1	2,129	36	0	0,193
7	18	17,31	22	1	1,818	37	0	0,164
8	14	15,13	23	1	1,552	38	0	0,14
9	20	13,16	24	2	1,325	39	0	0,119
10	8	11,41	25	1	1,13	40	0	0,101
11	14	9,861	26	0	0,964	41	0	0,086
12	7	8,506	27	1	0,821	42	1	0,484
13	8	7,324	28	0	0,7			
14	4	6,297	29	0	0,596			

15 2 0,746

15 7 5,408 30 1 0,508

Input data: Malciki_2er.dat
Distribution: Hyperpascal (k,m,q)
Sample size: 148
Method 1 of 2
Parameters:

k = 0,280599530982173
m = 0,122624794046551
q = 0,798637417527635
DF = 16
 $X^2 = 21,1981$ $P(X^2) = 0,1710$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	13	11,8568	12	2	3,4815	23	0	0,3282
2	25	21,6683	13	6	2,82	24	1	0,264
3	17	19,7403	14	3	2,2815	25	0	0,2123
4	19	16,9387	15	2	1,844	26	0	0,1706
5	11	14,2122	16	1	1,4892	27	0	0,1371
6	7	11,7854	17	5	1,2017	28	0	0,1102
7	15	9,7025	18	1	0,9691	29	0	0,0885
8	6	7,9487	19	1	0,7811	30	0	0,0711
9	6	6,4889	20	0	0,6293	31	0	0,0571
10	3	5,2831	21	1	0,5067	32	0	0,0458
11	2	4,2923	22	0	0,4079	33	1	0,1859

Input data: Zapiski_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 572
 Method 1 of 2
 Parameters:
 k = 0,268348482647623
 m = 0,0869608796666024
 q = 0,689569391467509
 DF =14
 $X^2 = 4,9285$ $P(X^2) = 0,9868$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	62	61,03	13	3	3,603
2	133	129,9	14	1	2,522
3	108	104,5	15	2	1,763
4	73	78,32	16	1	1,232
5	55	57,18	17	0	0,859
6	40	41,18	18	2	0,599
7	32	29,41	19	1	1,373
8	16	20,89			
9	17	14,77			
10	10	10,41			
11	10	7,324			
12	6	5,141			

Input data: Nevskij_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 607
 Method 1 of 2
 Parameters:
 k = 0,621028165933616
 m = 0,15477388734071
 q = 0,761675012713914
 DF =22
 $X^2 = 11,3695$ $P(X^2) = 0,9691$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	24	24,63	13	17	12,42	25	1	0,656						
2	74	75,27	14	6	9,825	26	0	0,509						
3	80	80,47	15	7	7,749	27	0	0,395						
4	82	74,56	16	7	6,097	28	1	0,306						
5	65	65,18	17	2	4,786	29	0	0,237						
6	59	55,22	18	3	3,751	30	0	0,184						
7	43	45,86	19	3	2,935	31	1	0,142						
8	39	37,58	20	1	2,293	32	0	0,11						
9	29	30,49	21	2	1,789	33	0	0,085						
10	22	24,55	22	2	1,394	34	0	0,066						
11	23	19,65	23	0	1,085	35	0	0,051						
12	12	15,66	24	1	0,844	36	1	0,171						

Input data: Nos_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 493
 Method 1 of 2
 Parameters:
 k = 0,362859112709737
 m = 0,162347750842754
 q = 0,777011846687973
 DF =20
 $X^2 = 14,3395$ $P(X^2) = 0,8129$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	46	43,89	16	3	3,9922
2	80	76,223	17	1	3,143
3	73	69,443	18	1	2,4724
4	52	58,962	19	1	1,9436
5	46	48,719	20	1	1,5268
6	39	39,679	21	1	1,1988
7	35	32,028	22	0	0,9407
8	27	25,696	23	1	0,7379
9	22	20,525	24	0	0,5785
10	15	16,34	25	0	0,4534
11	19	12,974	26	1	0,3552
12	9	10,28	27	0	0,2782
13	9	8,1312	28	0	0,2178
14	7	6,4222	29	1	0,1705
15	1	5,0662	30	1	0,1334

Input data: NosK1_3er.dat*
 Distribution: Hyperpascal (k,m,q)
 Sample size: 69
 Method 2 of 2
 Parameters:
 k = 0,656454250746226
 m = 0,918504767564678
 q = 0,850770277471922
 DF =9
 $X^2 = 20,6233$ $P(X^2) = 0,0144$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
31	0	0,1044	1	12	17,476
32	0	0,0817	2	6	10,626
33	1	0,2921	3	9	7,8056
			4	8	6,0445
			5	10	4,7986
			6	7	3,865
			7	5	3,1426
			8	2	2,5724
			9	3	2,1161
			10	2	1,7474
			11	0	1,4474
			12	4	1,2018
			13	0	1
			14	1	5,1563

Input data: NosK2_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 371
 Method 1 of 2
 Parameters:
 k = 0,347804356585717
 m = 0,130350089589538
 q = 0,777351807906695
 DF =19

$X^2 = 22,4073$ $P(X^2) = 0,2645$

X[i]	F[i]	NP[i]
1	31	27,282
2	65	56,587
3	61	52,45
4	37	44,934
5	31	37,356
6	29	30,568
7	25	24,769
8	19	19,937
9	16	15,971
10	10	12,747
11	17	10,145
12	5	8,0554
13	8	6,3842
14	5	5,0518
15	0	3,992

Input data: NosK3_3er.dat*
 Distribution: Hyperpascal (k,m,q)
 Sample size: 53
 Method 1 of 2
 Parameters:
 k = 0,345023538412116
 m = 0,170254351151809
 q = 0,796568593815018
 DF =10

$X^2 = 7,1576$ $P(X^2) = 0,7105$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
16	2	3,151	1	5	4,7289
17	1	2,4846	2	8	7,6337
18	1	1,9575	3	5	6,9889
19	1	1,541	4	5	6,0155
20	1	1,2122	5	6	5,0559
21	1	0,953	6	4	4,1962
22	0	0,7488	7	4	3,4555
23	1	0,5881	8	4	2,8305
24	0	0,4617	9	5	2,3097
25	0	0,3622	10	1	1,8792
26	1	0,2841	11	2	1,5254
27	0	0,2228	12	1	1,236
28	0	0,1746	13	0	0,9999
29	1	0,1368	14	1	0,808
30	1	0,1072	15	1	0,6521
			16	1	2,6846

Input data: BL_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 400
 Method 1 of 2
 Parameters:
 k = 0,371519469361119
 m = 0,270617832526018
 q = 0,750673055381323
 DF =14

$X^2 = 12,7964$ $P(X^2) = 0,5426$

X[i]	F[i]	NP[i]
16	2	1,752
17	2	1,324
18	0	1
19	1	3,073
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
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31		
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43		

Input data: Me_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 515
 Method 1 of 2
 Parameters:
 k = 0,17936832097369
 m = 0,104619352725914
 q = 0,809911026689066
 DF =23

$X^2 = 36,8418$ $P(X^2) = 0,0338$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	49	55,94	16	1	5,098
2	67	77,67	17	4	4,149
3	57	67,17	18	1	3,376
4	53	56,33	19	1	2,746
5	68	46,72	20	3	2,234
6	57	38,53	21	1	1,816
7	33	31,66	22	2	1,476
8	29	25,96	23	1	1,2
9	22	21,24	24	1	0,975
10	21	17,36	25	0	0,792
11	11	14,18	26	1	0,644
12	14	11,57	27	0	0,523
13	9	9,433	28	0	0,425
29			29		
30			30		
31			31	0	0,227
32			32	0	0,185
33			33	0	0,15
34			34	0	0,122
35			35	0	0,099
36			36	0	0,08
37			37	0	0,065
38			38	0	0,053
39			39	0	0,043
40			40	0	0,035
41			41	0	0,028
42			42	1	0,121
43			43		

14 5 3,064
15 2 2,318

14 2 7,687 29 0 0,345
15 5 6,261 30 1 0,28

Input data: MeK2_3er.dat
Distribution: Hyperpascal (k,m,q)
Sample size: 37
Method 2 of 2
Parameters:
k = 1,01671147557184
m = 1,01932705084894
q = 0,822997707425032
DF =9
X² = 17,1716 P(X²) = 0,0461

Input data: MeK3_3er.dat
Distribution: Hyperpascal (k,m,q)
Sample size: 47
Method 1 of 2
Parameters:
k = 0,0497067417756042
m = 0,0282972810895069
q = 0,782246301061581
DF =9
X² = 15,0532 P(X²) = 0,0895

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	4	6,578	16	1	0,351	1	4	6,254	16	0	0,296	31	0	0,008
2	3	5,4	17	1	1,631	2	6	8,593	17	0	0,232	32	0	0,006
3	2	4,439				3	5	6,862	18	0	0,181	33	0	0,005
4	5	3,65				4	8	5,424	19	0	0,142	34	0	0,004
5	8	3,002				5	4	4,273	20	0	0,111	35	0	0,003
6	5	2,469				6	4	3,36	21	0	0,087	36	0	0,002
7	3	2,031				7	4	2,64	22	0	0,068	37	0	0,002
8	2	1,671				8	2	2,072	23	0	0,053	38	0	0,001
9	1	1,375				9	0	1,626	24	0	0,042	39	0	0,001
10	2	1,131				10	1	1,275	25	0	0,033	40	0	0,00
11	0	0,931				11	4	1	26	0	0,026	41	0	0,00
12	0	0,766				12	3	0,784	27	0	0,02	42	1	0,002
13	0	0,63				13	1	0,614	28	0	0,016			
14	0	0,519				14	0	0,482	29	0	0,012			
15	0	0,427				15	0	0,377	30	0	0,01			

Input data: MeK6_3er.dat
Distribution: Hyperpascal (k,m,q)
Sample size: 134
Method 2 of 2
min.size: 8
k = 1,24013340045434
m = 1,20438640094551
q = 0,8281834918452
DF =6
X² = 11,5973 P(X²) = 0,0716

Input data: MeK8_3er.dat*
Distribution: Hyperpascal (k,m,q)
Sample size: 44
Method 1 of 2
min.size: 2
k = 0,618611403539239
m = 0,392808802732016
q = 0,799747418511946
DF =6
X² = 13,8341 P(X²) = 0,0315

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	16	21,7706	16	0	1,4342	1	5	4,6579
2	13	18,5652	17	0	1,1904	2	6	5,8665
3	21	15,6247	18	1	0,9879	3	3	5,4524
4	12	13,0845	19	0	0,8198	4	2	4,772
5	16	10,9285	20	2	0,6802	5	7	4,0704
6	18	9,113	21	0	0,5643	6	4	3,4226
7	3	7,5907	22	0	0,4681	7	5	2,8518
8	11	6,3177	23	0	0,3883	8	5	2,3613
9	3	5,255	24	0	0,3221	9	0	1,9461
10	4	4,369	25	0	0,2672	10	6	1,5983
11	3	3,631	26	1	1,2969	11	0	1,309
12	6	3,0167				12	1	5,6916
13	2	2,5057						
14	1	2,0808						

Input data: MeK9_3er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 32
 Method 1 of 2
 Parameters:
 k = 0,481327509355304
 m = 0,07580902754307
 q = 0,708692667390931
 DF =7

$X^2 = 14,8702$ $P(X^2) = 0,0377$

X[i]	F[i]	NP[i]
1	1	1,2367
2	5	5,5647
3	2	5,4302
4	8	4,6001
5	8	3,6899
6	4	2,8752
7	1	2,2004
8	0	1,6635
9	0	1,2465
10	0	0,9277
11	0	0,6868
12	0	0,5064
13	2	0,372
14	1	1

Input data: MeK10_3er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 27
 Method 1 of 2
 Parameters:
 k = 1,38901873519941
 m = 0,641477815301343
 q = 0,723099544488431
 DF =7

$X^2 = 11,1650$ $P(X^2) = 0,1316$

X[i]	F[i]	NP[i]
1	2	2,1756
2	3	3,4064
3	3	3,585
4	1	3,3259
5	6	2,8987
6	1	2,4336
7	5	1,9929
8	2	1,6033
9	1	1,2727
10	1	0,9999
11	0	0,7791
12	1	0,6029
13	1	1,924

Input data: MeK11_3er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 41
 Method 1 of 2
 min.size: 4
 k = 0,29818287964234
 m = 0,0655072506920303
 q = 0,746958971400324
 DF =2

$X^2 = 3,3411$ $P(X^2) = 0,1881$

X[i]	F[i]	NP[i]
1	2	2,129
2	7	7,239
3	4	6,588
4	6	5,4753
5	1	4,4002
6	7	3,4749
7	2	2,7148
8	3	2,1057
9	5	1,6246
10	3	1,2485
11	0	0,9565
12	0	0,731
13	1	2,3124

Input data: Markera_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 545
 Method 1 of 2
 Parameters:
 k = 0,0279573322331819
 m = 0,0161789261286768
 q = 0,659917181954404
 DF =10

$X^2 = 8,3993$ $P(X^2) = 0,5899$

X[i]	F[i]	NP[i]
1	123	123,991
2	136	141,392
3	88	94,3887
4	67	62,6526
5	47	41,507
6	35	27,4715
7	15	18,1715
8	12	12,0152
9	11	7,9423
10	5	5,249
11	3	3,4684
12	0	2,2916
13	0	1,5139
14	2	1

Input data: DamaK1_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 45
 Method 1 of 2
 Parameters:
 k = 0,248448681006068
 m = 1,14926402927747
 q = 0,971993076488025
 DF =9

$X^2 = 84,3520$ $P(X^2) = 0,0000$

X[i]	F[i]	NP[i]
1	6	22,5502
2	1	4,7384
3	7	2,6753
4	1	1,8566
5	3	1,4128
6	6	1,133
7	4	0,9399
8	4	0,7985
9	4	0,6903
10	1	0,6049
11	2	0,5358
12	1	0,4787
13	0	0,4308
14	1	0,3901
16	0	0,3245
17	1	0,2979
18	0	0,2743
19	0	0,2534
20	0	0,2347
21	0	0,2179
22	0	0,2028
23	1	0,1891
24	0	0,1767
25	1	3,2383

15 1 1,945 15 1 0,355

Input data: DamaK2_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 103
 Method 1 of 2
 Parameters:
 k = 1,01256779172084
 m = 1,00929065685992
 q = 0,816336440276188
 DF =14

$X^2 = 20,7762$ $P(X^2) = 0,1075$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	18	18,81	16	0	0,906
2	15	15,41	17	0	0,74
3	14	12,6	18	1	0,604
4	12	10,3	19	1	0,493
5	12	8,412	20	1	0,403
6	0	6,871	21	0	0,329
7	6	5,612	22	0	0,269
8	6	4,584	23	0	0,219
9	8	3,743	24	0	0,179
10	3	3,057	25	0	0,146
11	3	2,496	26	1	0,119
12	0	2,038	27	0	0,097
13	1	1,665	28	0	0,08
14	0	1,359	29	0	0,065
15	0	1,11	30	0	0,053

Input data: DamaK3_3er.dat*
 Distribution: Hyperpascal (k,m,q)
 Sample size: 113
 Method 1 of 2
 Parameters:
 k = 0,0870114082773936
 m = 0,0531043756188732
 q = 0,807085385929771
 DF =15

$X^2 = 7,3537$ $P(X^2) = 0,9471$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
31	0	0,043	1	13	13,72	16	1	1,005						
32	0	0,035	2	17	18,15	17	1	0,813						
33	0	0,029	3	14	15,12	18	0	0,657						
34	0	0,024	4	16	12,4	19	1	0,532						
35	0	0,019	5	13	10,12	20	1	0,43						
36	0	0,016	6	6	8,237	21	0	0,348						
37	0	0,013	7	7	6,692	22	0	0,281						
38	0	0,011	8	4	5,432	23	0	0,227						
39	1	0,047	9	7	4,405	24	0	0,184						
			10	3	3,57	25	0	0,148						
			11	3	2,892	26	0	0,12						
			12	2	2,342	27	1	0,505						
			13	0	1,896									
			14	1	1,535									
			15	2	1,242									

Input data: DamaK4_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 54
 Method 2 of 2
 Parameters:
 k = 0,089538278248567
 m = 0,0403061489622752
 q = 0,814328330436028
 DF =12

$X^2 = 5,9819$ $P(X^2) = 0,9170$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	4,6701	16	0	0,5564
2	9	8,4481	17	0	0,4546
3	7	7,2051	18	0	0,3713
4	5	6,0089	19	1	0,3032
5	5	4,9725	20	0	0,2476
6	2	4,0986	21	0	0,2022
7	6	3,3702	22	0	0,165
8	3	2,7668	23	0	0,1347
9	3	2,2688	24	0	0,1099
10	1	1,8589	25	1	0,487
11	2	1,522			
12	2	1,2455			
13	2	1,0187			
14	0	0,833			

Input data: Futljar_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 256
 Method 1 of 2
 Parameters:
 k = 0,119797692526511
 m = 0,0563093940211295
 q = 0,799703336522723
 DF =18

$X^2 = 15,2505$ $P(X^2) = 0,6447$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	23	24,679	16	3	2,2397
2	39	41,987	17	1	1,7987
3	29	35,595	18	1	1,4441
4	37	29,345	19	0	1,1591
5	25	23,954	20	1	0,9302
6	27	19,456	21	0	0,7464
7	14	15,755	22	3	0,5988
8	15	12,731	23	0	0,4803
9	12	10,273	24	0	0,3852
10	7	8,2798	25	0	0,3089
11	6	6,6678	26	0	0,2477
12	6	5,3659	27	0	0,1986
13	4	4,3158	28	1	0,8014
14	1	3,4695			

15 0 0,6809

15 1 2,7881

Input data: Malciki_3er.dat
Distribution: Hyperpascal (k,m,q)
Sample size: 148
Method 1 of 2
Parameters:

k = 0,129703692513407
m = 0,075691964279759
q = 0,752822526515385
DF = 12
 $X^2 = 9,8121$ $P(X^2) = 0,6324$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	24	22,3994	11	4	2,5941	21	0	0,1576
2	31	28,8956	12	3	1,9634	22	1	0,4848
3	22	22,8455	13	1	1,4853			
4	15	17,6461	14	1	1,1232			
5	17	13,5177	15	0	0,849			
6	10	10,3113	16	1	0,6416			
7	4	7,8452	17	0	0,4848			
8	3	5,9585	18	0	0,3662			
9	8	4,52	19	0	0,2765			
10	3	3,4255	20	0	0,2088			

Input data: Zapiski_4er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 572
 Method 2 of 2
 Parameters:
 k = 0,127689950455865
 m = 0,0487793993087652
 q = 0,625376840081167
 DF =10
 $X^2 = 4,6077$ $P(X^2) = 0,9158$

X[i]	F[i]	NP[i]
1	101	100,197
2	165	164,027
3	110	110,297
4	68	71,6338
5	52	45,9576
6	23	29,301
7	21	18,6106
8	12	11,7905
9	10	7,456
10	3	4,7085
11	3	2,9703
12	1	1,8721
13	2	1,1792
14	0	0,7422
15	1	1,2572

Input data: Nevskij_4er.dat*
 Distribution: Hyperpascal (k,m,q)
 Sample size: 607
 Method 1 of 2
 Parameters:
 k = 1,01097625110762
 m = 0,298999377547623
 q = 0,662337335357522
 DF =15
 $X^2 = 11,1513$ $P(X^2) = 0,7418$

X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	45	44,3087	16	3	1,9203
2	104	99,2291	17	1	1,3311
3	111	101,746	18	1	0,9201
4	77	88,26	19	1	0,6345
5	80	71,074	20	0	0,4366
6	49	54,8713	21	1	0,2999
7	37	41,2264	22	0	0,2056
8	28	30,3922	23	0	0,1407
9	21	22,0934	24	1	0,0962
10	19	15,8887	25	0	0,0656
11	8	11,3294	26	0	0,0448
12	10	8,0227	27	1	0,095
13	5	5,6485			
14	3	3,9578			
15	1	2,7617			

Input data: Nos_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 493
 Method 2 of 2
 Parameters:
 k = 0,0284831445530157
 m = 0,0125878681473178
 q = 0,747835321626421
 DF =16
 $X^2 = 13,1576$ $P(X^2) = 0,6612$

X[i]	F[i]	NP[i]
1	65	62,74
2	108	106,2
3	78	80,64
4	58	60,78
5	53	45,7
6	36	34,31
7	27	25,74
8	26	19,3
9	12	14,47
10	12	10,84
11	4	8,12
12	4	6,082

Input data: NosK1_4er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 69
 Method 1 of 2
 Parameters:
 k = 3,5265768484286
 m = 2,85889097747226
 q = 0,689179388555598
 DF =7
 $X^2 = 6,1578$ $P(X^2) = 0,5214$

X[i]*	F[i]	NP[i]
1	12	14,77
2	11	12,55
3	11	10,15
4	11	7,955
5	9	6,107
6	5	4,618
7	3	3,453
8	2	2,559
9	3	1,883
10	1	1,378
11	1	3,582

Input data: NosK2_4er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 371
 Method 1 of 2
 Parameters:
 k = 0,178963930331155
 m = 0,0698815102876369
 q = 0,725379319337578
 DF =14
 $X^2 = 16,2638$ $P(X^2) = 0,2975$

X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	46	42,46	16	1	1,232
2	89	78,87	17	1	0,9
3	59	63,05	18	0	0,657
4	40	48,14	19	1	0,48
5	39	36,16	20	0	0,35
6	25	26,93	21	0	0,255
7	19	19,96	22	2	0,186
8	22	14,74	23	0	0,136
9	7	10,86	24	0	0,099
10	10	7,981	25	1	0,266
11	3	5,859			
12	2	4,296			

13 1 4,555
 14 1 3,411
 15 2 2,554

13 1 3,147
 14 1 2,303
 15 2 1,685

Input data: NosK3_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 53
 Method 1 of 2
 Parameters:
 k = 6,92754439728767
 m = 3,23372685283757
 q = 0,52826093429291
 DF = 7

Input data: BL_4er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 400
 Method 1 of 2
 Parameters:
 k = 57,8603937088057
 m = 25,4886409812966
 q = 0,34506229536875
 DF = 10

Input data: Me_4er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 515
 Method 1 of 2
 Parameters:
 k = 0,505046672642991
 m = 0,315594562824283
 q = 0,735276317180401
 DF = 16

X² = 1,9205 P(X²) = 0,9641

X² = 7,6697 P(X²) = 0,6611

X² = 23,0941 P(X²) = 0,1112

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	7	7,022	1	96	101,4	1	72	79,52	15	3	2,857	29	0	0,044
2	8	7,947	2	81	79,43	2	84	93,57	16	1	2,129	30	0	0,033
3	8	7,861	3	67	60,91	3	70	78,71	17	2	1,584	31	1	0,093
4	7	7,083	4	45	45,77	4	85	62,61	18	2	1,179			
5	5	5,959	5	35	33,74	5	62	48,66	19	0	0,876			
6	6	4,756	6	30	24,42	6	40	37,35	20	1	0,651			
7	5	3,639	7	11	17,37	7	29	28,44	21	0	0,483			
8	2	2,692	8	9	12,16	8	21	21,54	22	1	0,359			
9	2	1,935	9	11	8,376	9	18	16,25	23	0	0,266			
10	1	1,358	10	5	5,684	10	9	12,22	24	0	0,197			
11	0	0,934	11	4	3,802	11	6	9,167	25	0	0,146			
12	2	1,813	12	3	2,509	12	2	6,864	26	0	0,108			
			13	2	1,634	13	5	5,132	27	0	0,08			
			14	1	2,796	14	1	3,831	28	0	0,059			

Input data: MeK1_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 44
 Method 1 of 2
 k = 0,411657748103751
 m = 0,222654877152476
 q = 0,751887373970104
 DF = 8

Input data: MeK2_4er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 43
 Method 2 of 2
 k = 0,35668976964747
 m = 1,04667178149651
 q = 0,897187356870721
 DF = 6

Input data: MeK3_4er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 47
 Method 2 of 2
 k = 1,32604934259813
 m = 1,11051614504994
 q = 0,730791053812545
 DF = 7

X² = 12,1706 P(X²) = 0,1438

X² = 47,9832 P(X²) = 0,0000

X² = 11,9942 P(X²) = 0,1007

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	5,464	17	0	0,183	1	10	20,08	1	6	9,723	17	0	0,125
2	7	7,595	18	1	0,577	2	2	6,138	2	6	8,484	18	0	0,093
3	4	6,594				3	9	3,651	3	11	6,834	19	0	0,069
4	8	5,379				4	11	2,534	4	5	5,34	20	0	0,051
5	6	4,282				5	4	1,886	5	6	4,107	21	0	0,037
6	4	3,363				6	2	1,46	6	3	3,128	22	0	0,028
7	6	2,62				7	1	1,161	7	1	2,367	23	0	0,02
8	0	2,03				8	2	0,939	8	3	1,782	24	0	0,015
9	2	1,566				9	0	0,771	9	4	1,337	25	0	0,011
10	0	1,205				10	0	0,639	10	1	1	26	0	0,008
11	0	0,924				11	0	0,534	11	0	0,746	27	0	0,006
12	0	0,708				12	1	0,449	12	0	0,556	28	0	0,004
13	1	0,541				13	1	2,763	13	0	0,414	29	0	0,003

14	0	0,413								14	0	0,307	30	0	0,002
15	0	0,315								15	0	0,228	31	1	0,007
16	0	0,24								16	0	0,169			
Input data: MeK1_4er.dat			Input data: MeK2_4er.dat*			Input data: MeK3_4er.dat#									
Distribution: Hyperpascal (k,m,q)			Distribution: Hyperpascal (k,m,q)			Distribution: Hyperpascal (k,m,q)									
Sample size: 44			Sample size: 37			Sample size: 47									
Method 1 of 2			Method 1 of 2			Method 2 of 2									
Parameters:			Parameters:			Parameters:									
k = 0,411657748103751			k = 0,768824961786275			k = 1,32604934259813									
m = 0,222654877152476			m = 1,22119001168095			m = 1,11051614504994									
q = 0,751887373970104			q = 0,839633452496391			q = 0,730791053812545									
DF = 8			DF = 6			DF = 7									
X ² = 12,1706 P(X ²) = 0,1438			X ² = 29,1816 P(X ²) = 0,0001			X ² = 11,9942 P(X ²) = 0,1007									
X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]	
1	5	5,464	17	0	0,183	1	5	12,12	1	6	9,723	17	0	0,125	
2	7	7,595	18	1	0,577	2	2	6,408	2	6	8,484	18	0	0,093	
3	4	6,594				3	7	4,284	3	11	6,834	19	0	0,069	
4	8	5,379				4	10	3,092	4	5	5,34	20	0	0,051	
5	6	4,282				5	5	2,318	5	6	4,107	21	0	0,037	
6	4	3,363				6	3	1,778	6	3	3,128	22	0	0,028	
7	6	2,62				7	1	1,384	7	1	2,367	23	0	0,02	
8	0	2,03				8	2	1,089	8	3	1,782	24	0	0,015	
9	2	1,566				9	0	0,864	9	4	1,337	25	0	0,011	
10	0	1,205				10	0	0,69	10	1	1	26	0	0,008	
11	0	0,924				11	0	0,554	11	0	0,746	27	0	0,006	
12	0	0,708				12	1	0,446	12	0	0,556	28	0	0,004	
13	1	0,541				13	1	1,971	13	0	0,414	29	0	0,003	
14	0	0,413							14	0	0,307	30	0	0,002	
15	0	0,315							15	0	0,228	31	1	0,007	
16	0	0,24							16	0	0,169				

Input data: MeK4_4er.dat			Input data: MeK6_4er.dat			Input data: MeK7_4er.dat								
Distribution: Hyperpascal (k,m,q)			Distribution: Hyperpascal (k,m,q)			Distribution: Hyperpascal (k,m,q)								
Sample size: 35			Sample size: 134			Sample size: 52								
Method 1 of 2			Method 1 of 2			Method 2 of 2								
Parameters:			Parameters:			Parameters:								
k = 0,636404979134051			k = 0,229542363929337			k = 1,11518227466882								
m = 0,331427048778002			m = 0,12459327408424			m = 1,12293382322323								
q = 0,738240168077229			q = 0,74370293094823			q = 0,75438633332668								
DF = 8			DF = 11			DF = 7								
X ² = 6,9937 P(X ²) = 0,5373			X ² = 12,2084 P(X ²) = 0,3482			X ² = 4,5048 P(X ²) = 0,7201								
X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	4,07	16	1	0,19	1	19	18,9	16	0	0,56	1	13	12,9
2	8	5,77	17	1	0,14	2	26	25,9	17	0	0,42	2	10	9,66
3	3	5,24	18	1	0,42	3	17	21	18	0	0,31	3	7	7,26
4	6	4,37				4	19	16,4	19	0	0,24	4	5	5,47
5	2	3,52				5	18	12,6	20	1	0,7	5	4	4,12
6	1	2,79				6	11	9,62				6	2	3,1
7	2	2,17				7	4	7,3				7	2	2,34
8	2	1,68				8	4	5,52				8	4	1,76
9	1	1,29				9	8	4,17				9	0	1,33
10	0	0,99				10	2	3,14				10	1	1
11	1	0,75				11	2	2,36				11	1	0,75
12	0	0,57				12	0	1,77				12	0	0,57

13 1 0,43
 14 0 0,33
 15 0 0,25
 Input data: MeK8_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 44
 Method 1 of 2
 min. size: 6
 k = 0,847946775487611
 m = 0,585902443738665
 q = 0,706604302792797
 DF = 1

$X^2 = 2,7441$ $P(X^2) = 0,0976$

X[i]	F[i]	NP[i]
1	7	8,1504
2	7	8,3348
3	2	6,8626
4	10	5,3405
5	5	4,0494
6	6	3,0248
7	4	2,2376
8	2	1,644
9	1	4,3559

13 1 1,33
 14 0 1
 15 2 0,75
 Input data: MeK10_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 27
 Method 1 of 2
 Parameters:
 k = 0,769053591508002
 m = 0,340654611003545
 q = 0,685273614820098
 DF = 5

$X^2 = 7,1543$ $P(X^2) = 0,2094$

X[i]	F[i]	NP[i]
1	3	3,2259
2	5	4,9906
3	1	4,5128
4	6	3,6585
5	4	2,8286
6	4	2,1296
7	1	1,5765
8	1	1,1533
9	1	0,8364
10	1	2,0879

13 1 0,43
 14 0 0,32
 15 0 0,24
 Input data: MeK11_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 41
 Method 1 of 2
 Parameters:
 k = 1,613197112584
 m = 1,31775120545237
 q = 0,748090500422259
 DF = 6

$X^2 = 12,2848$ $P(X^2) = 0,0559$

X[i]	F[i]	NP[i]
1	6	7,354
2	5	6,7349
3	8	5,6806
4	5	4,628
5	4	3,6991
6	4	2,921
7	6	2,2873
8	2	1,7802
9	0	1,3791
10	1	4,5358

Input data: Markera_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 545
 Method 2 of 2
 Parameters:
 k = 1,05259209611406
 m = 0,6212606883567
 q = 0,514901013379111
 DF = 7

$X^2 = 3,4351$ $P(X^2) = 0,8420$

X[i]	F[i]	NP[i]	X[i]*
1	168	169,1	1
2	150	147,5	2
3	96	96,14	3
4	53	57,65	4
5	38	33,22	5
6	18	18,7	6
7	13	10,37	7
8	5	5,686	8
9	1	3,094	9
10	0	1,673	10
11	2	0,9	11
12	1	1,031	12
			13
			14
			15

Input data: Dama_4er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 315
 Method 1 of 2
 Parameters:
 k = 9,73175329900251
 m = 9,37301899118288
 q = 0,765781847778708
 DF = 17

$X^2 = 19,1120$ $P(X^2) = 0,3221$

X[i]	F[i]	NP[i]	X[i]#
16	0	1,728	1
17	1	1,343	2
18	1	1,043	3
19	2	0,809	4
20	0	0,628	5
21	1	0,487	6
22	0	0,377	7
23	0	0,292	8
24	0	0,227	9
25	0	0,175	10
26	0	0,136	11
27	0	0,105	12
28	0	0,081	13
29	0	0,063	14
30	1	0,213	15

Input data: DamaK1_4er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 45
 Method 1 of 2
 Parameters:
 k = 0,804490141567748
 m = 0,749235404039582
 q = 0,810907161787065
 DF = 10

$X^2 = 10,7475$ $P(X^2) = 0,3775$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
16	0	0,404	16	0	0,404
17	1	0,329	17	1	0,329
18	0	0,267	18	0	0,267
19	1	1,162	19	1	1,162
20	8	3,776	20	8	3,776
21	5	3,097	21	5	3,097
22	5	2,536	22	5	2,536
23	2	2,073	23	2	2,073
24	1	1,693	24	1	1,693
25	1	1,382	25	1	1,382
26	1	1,127	26	1	1,127
27	0	0,918	27	0	0,918
28	1	0,748	28	1	0,748
29	0	0,609	29	0	0,609
30	0	0,496	30	0	0,496

Input data: DamaK2_4er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 103
 Method 2 of 2
 Parameters:
 k = 0,567949789299096
 m = 0,668251922547547
 q = 0,795017423288204
 DF =12

$X^2 = 17,1464$ $P(X^2) = 0,1442$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	26	26,092	16	0	0,5487
2	17	17,63	17	0	0,4335
3	16	13,173	18	0	0,3425
4	12	10,079	19	1	0,2708
5	4	7,7941	20	0	0,2141
6	8	6,0633	21	0	0,1694
7	10	4,7352	22	0	0,134
8	4	3,7079	23	0	0,106
9	0	2,9093	24	0	0,0839
10	1	2,2862	25	0	0,0664
11	0	1,7987	26	0	0,0526
12	0	1,4165	27	0	0,0417
13	0	1,1165	28	0	0,033
14	1	0,8806	29	0	0,0261
15	2	0,695	30	1	0,0998

Input data: DamaK4_4er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 54
 Method 1 of 2
 Parameters:
 k = 0,291618253475996
 m = 0,161222976593598
 q = 0,731145444062751
 DF =8

$X^2 = 2,4474$ $P(X^2) = 0,9641$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	8	8,0117	16	0	0,1941
2	11	10,595	17	0	0,1431
3	7	8,6166	18	1	0,3997
4	6	6,6801			
5	6	5,0856			
6	4	3,8348			
7	3	2,8746			
8	3	2,1463			
9	2	1,5978			
10	2	1,1869			
11	0	0,8801			
12	0	0,6518			
13	0	0,4821			
14	0	0,3563			
15	1	0,2631			

Input data: Futljar_4er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 256
 Method 1 of 2
 Parameters:
 k = 4,57290406484546
 m = 2,13652956073156
 q = 0,557064457978287
 DF =11

$X^2 = 11,8485$ $P(X^2) = 0,3751$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	36	33,767	16	0	0,4829
2	45	40,261	17	3	0,3072
3	47	39,849	18	0	0,1941
4	32	35,273	19	0	0,1219
5	28	28,97	20	0	0,0761
6	21	22,545	21	1	0,1227
7	12	16,847			
8	10	12,195			
9	9	8,6049			
10	4	5,9456			
11	2	4,0367			
12	3	2,7001			
13	1	1,7831			
14	1	1,1645			

Input data: Malciki_4er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 148
 Method 1 of 2
 Parameters:
 k = 0,572277015335147
 m = 0,417766903964254
 q = 0,674653275344045
 DF =9

$X^2 = 12,6181$ $P(X^2) = 0,1807$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	38	34,831	16	0	0,197
2	36	32,19	17	1	0,42
3	18	24,084			
4	21	17,287			
5	9	12,19			
6	4	8,5115			
7	9	5,9061			
8	3	4,0805			
9	6	2,8102			
10	1	1,9307			
11	1	1,324			
12	1	0,9065			
13	0	0,6198			
14	0	0,4234			

15 1 0,7531

15 0 0,2889

Input data: Zapiski_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 572
 Method 1 of 2
 Parameters:
 k = 0,048043870826923
 m = 0,0219788737199436
 q = 0,555997417850706
 DF = 7
 $X^2 = 3,1113$ $P(X^2) = 0,8745$

Input data: Nevskij_5er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 607
 Method 1 of 2
 Parameters:
 k = 0,362696126230978
 m = 0,118620362887699
 q = 0,660931373132519
 DF = 13
 $X^2 = 4,5735$ $P(X^2) = 0,9834$

Input data: Nos_5er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 493
 Method 1 of 2
 Parameters:
 k = 0,178282168522551
 m = 0,0903907949781066
 q = 0,673150979090042
 DF = 12
 $X^2 = 11,9122$ $P(X^2) = 0,4528$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	149	150,7	1	69	70,56	15	1	1,317	1	93	90,39	16	1	0,616
2	180	183,2	2	141	142,6	16	0	0,885	2	126	120	17	0	0,417
3	102	104,5	3	115	114,8	17	1	0,595	3	78	87,29	18	2	0,282
4	65	58,82	4	92	84,62	18	0	0,399	4	65	61,23	19	0	0,191
5	29	32,99	5	56	60,3	19	1	0,268	5	43	42,39	20	1	0,399
6	21	18,46	6	44	42,22	20	0	0,179	6	30	29,15			
7	14	10,32	7	32	29,23	21	0	0,12	7	22	19,96			
8	5	5,761	8	22	20,09	22	1	0,242	8	18	13,63			
9	3	3,215	9	11	13,74				9	5	9,289			
10	1	1,793	10	8	9,351				10	4	6,321			
11	2	1	11	5	6,346				11	1	4,296			
12	1	1,259	12	3	4,295				12	2	2,917			
			13	4	2,901				13	1	1,979			
			14	1	1,956				14	1	1,342			
									15	0	0,909			

Input data: NosK2_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 371
 Method 1 of 2
 Parameters:
 k = 0,380494511602181
 m = 0,19100813934975
 q = 0,646698457708444
 DF = 10
 $X^2 = 14,5094$ $P(X^2) = 0,1510$

Input data: NosK3_5er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 53
 Method 2 of 2
 Parameters:
 k = 1,90244822985245
 m = 0,936980793340904
 q = 0,58362754806556
 DF = 6
 $X^2 = 1,8674$ $P(X^2) = 0,9315$

Input data: BL_5er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 400
 Method 2 of 2
 Parameters:
 k = 7,37585918579755
 m = 5,57047278782138
 q = 0,549047145428854
 DF = 8
 $X^2 = 5,6885$ $P(X^2) = 0,6821$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	71	69,529	15	0	0,528	1	9	9,1229	1	121	124,24
2	101	89,571	16	1	0,346	2	11	10,811	2	89	90,321
3	53	67,141	17	0	0,2266	3	9	9,4543	3	68	63,216
4	48	47,175	18	2	0,1482	4	6	7,3316	4	46	42,986
5	31	32,32	19	0	0,0969	5	7	5,3283	5	31	28,573
6	20	21,846	20	1	0,1823	6	5	3,7178	6	14	18,647
7	19	14,644				7	2	2,5227	7	12	11,987
8	13	9,7598				8	2	1,6772	8	9	7,6083
9	3	6,478				9	1	1,0979	9	5	4,7773
10	3	4,2862				10	1	1,9366	10	4	2,9719
11	1	2,829							11	0	1,8339
12	2	1,8635							12	1	2,8405
13	1	1,2256									

14 1 0,8049

Input data: Me_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 515
 Method 1 of 2
 Parameters:
 k = 2,58363335788029
 m = 2,01992771465249
 q = 0,667898988888127
 DF =13
 X² = 29,9928 P(X²) = 0,0047

Input data: MeK1_5er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 44
 Method 1 of 2
 Parameters:
 k = 3,28072732800996
 m = 1,33002459243647
 q = 0,521578271543713
 DF =6
 X² = 2,2967 P(X²) = 0,8905

Input data: MeK2_5er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 37
 Method 2 of 2
 Parameters:
 k = 1,34306367704205
 m = 1,03954213520256
 q = 0,677436928636107
 DF =5
 X² = 11,6522 P(X²) = 0,0399

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	94	117,12	16	1	0,9635	1	6	6,3771	1	6	8,544
2	93	100,06	17	0	0,6649	2	8	8,2046	2	5	7,478
3	107	79,302	18	1	0,458	3	8	7,862	3	11	5,8198
4	79	60,393	19	0	0,3149	4	8	6,5028	4	7	4,3362
5	50	44,866	20	0	0,2163	5	5	4,9197	5	4	3,1582
6	33	32,772	21	0	0,1483	6	5	3,5051	6	2	2,2684
7	22	23,646	22	0	0,1016	7	1	2,3916	7	0	1,6139
8	12	16,903	23	0	0,0695	8	1	1,5794	8	0	1,1405
9	7	11,995	24	0	0,0475	9	0	1,0167	9	0	0,8018
10	4	8,4623	25	1	0,1019	10	1	0,6411	10	2	1,8393
11	2	5,9411				11	0	0,3976			
12	4	4,1541				12	0	0,2431			
13	2	2,8947				13	0	0,1468			
14	2	2,0111				14	1	0,2126			
15	1	1,3936									

Input data: MeK4_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 35
 Method 1 of 2
 k = 1,64910291505656
 m = 0,855090400399698
 q = 0,638467498965108
 DF =6
 X² = 8,6576 P(X²) = 0,1938

Input data: MeK5_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 22
 Method 1 of 2
 k = 1,39358929581273
 m = 0,631059303764255
 q = 0,668180439279799
 DF =6
 X² = 2,3485 P(X²) = 0,8850

Input data: MeK6_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 134
 Method 2 of 2
 k = 1,98327884652325
 m = 1,03530458897508
 q = 0,576143698320122
 DF =7
 X² = 5,3630 P(X²) = 0,6158

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	6	5,1797	1	2	2,4042	1	25	25,6552
2	8	6,3779	2	3	3,5476	2	28	28,3153
3	8	5,815	3	3	3,4786	3	25	23,9121
4	2	4,7452	4	3	2,998	4	21	18,0795
5	1	3,6537	5	4	2,4239	5	13	12,8634
6	2	2,7142	6	1	1,8863	6	5	8,8064
7	3	1,968	7	1	1,431	7	8	5,8707
8	0	1,402	8	1	1,0661	8	3	3,8381
9	1	0,9856	9	2	0,7836	9	2	2,4722
10	1	0,6857	10	0	0,5698	10	0	1,5738
11	0	0,4731	11	0	0,4109	11	1	0,9924
12	0	0,3241	12	2	1	12	2	0,6209
13	2	0,2208				13	0	0,3859
14	0	0,1497				14	0	0,2385

15 1 0,3053

Input data: MeK7_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 52
 Method 2 of 2
 Parameters:
 k = 0,470310685720347
 m = 0,596672277877154
 q = 0,771207283697565
 DF =8

X² = 2,2429 P(X²) = 0,9726

X[i]	F[i]	NP[i]	X[i]
1	16	15,642	16
2	9	9,5083	17
3	8	6,7526	18
4	6	4,9542	
5	3	3,6865	
6	4	2,7649	
7	1	2,0842	
8	1	1,5765	
9	1	1,1956	
10	0	0,9085	
11	1	0,6914	
12	0	0,5269	
13	0	0,4019	
14	1	0,3068	
15	0	0,2344	

15 0 0,1467

16 1 0,2289

Input data: MeK10_5er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 27
 Method 1 of 2
 Parameters:
 k = 1,93251954188582
 m = 1,32952945855039
 q = 0,640569151409059
 DF =4

X² = 6,7395 P(X²) = 0,1503

X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	8	8,5044	1	4	5,8494
2	7	7,8623	2	4	5,4463
3	8	6,6158	3	7	4,3918
4	8	5,2935	4	4	3,3227
5	6	4,1046	5	5	2,4249
6	6	3,1151	6	1	1,729
7	1	8,5044	7	1	1,2131
8			8	1	2,6229

Input data: MeK11_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 41
 Method 1 of 2
 min. size: 3
 k = 2,31727365078497
 m = 1,84306364208003
 q = 0,681210777513892
 DF =3

X² = 7,8801 P(X²) = 0,0486

X[i]	F[i]	NP[i]	X[i]*
1	8	9,1786	1
2	6	7,8613	2
3	6	6,2484	3
4	8	4,7817	4
5	6	3,5763	5
6	6	2,6339	6
7	0	1,9186	7
8	1	4,8011	8
			9

Input data: Markera_5er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 545
 Method 1 of 2
 min.size: 3
 k = 0,799313147927704
 m = 0,480187863608291
 q = 0,443578601875221
 DF =4

X² = 1,3817 P(X²) = 0,8474

X[i]	F[i]	NP[i]	X[i]#	F[i]
1	217	216,41	1	71
2	159	159,79	2	66
3	85	86,162	3	56
4	44	43,137	4	30
5	22	20,889	5	31
6	12	9,9261	6	23
7	3	4,6594	7	15
8	0	2,1686	8	4
9	3	1,8539	9	4
			10	3
			11	2
			12	4
			13	0

Input data: Dama_5er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 315
 Method 1 of 2
 min. size: 3
 k = 3,15912885518891
 m = 2,23424760828231
 q = 0,623453693996184
 DF =8

X² = 9,5108 P(X²) = 0,3011

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
15	2	0,6049	15	2	0,6049
16	1	0,3986	16	1	0,3986
17	1	0,2619	17	1	0,2619
18	0	0,1715	18	0	0,1715
19	0	0,1121	19	0	0,1121
20	0	0,0731	20	0	0,0731
21	0	0,0475	21	0	0,0475
22	0	0,0309	22	0	0,0309
23	0	0,02	23	0	0,02
24	0	0,013	24	0	0,013
25	1	0,0235	25	1	0,0235

<p>Input data: DamaK1_5er.dat Distribution: Hyperpascal (k,m,q) Sample size: 45 Method 1 of 2 Parameters: k = 0,648599209643526 m = 0,331012444607509 q = 0,684028606631125 DF =7 X² = 6,0795 P(X²) = 0,5305</p>	<p style="text-align: center;">14 1</p> <p>Input data: DamaK2_5er.dat* Distribution: Hyperpascal (k,m,q) Sample size: 103 Method 1 of 2 Parameters: k = 1,07233890295844 m = 1,0416676576689 q = 0,707882814067459 DF =8 X² = 15,3261 P(X²) = 0,0531</p>	<p style="text-align: center;">0,9148</p> <p>Input data: DamaK3_5er.dat# Distribution: Hyperpascal (k,m,q) Sample size: 113 Method 2 of 2 Parameters: k = 2,07900593711037 m = 1,72880128837748 q = 0,672030071296097 DF =9 X² = 7,2331 P(X²) = 0,6129</p>																																																																																																																																																																																																																																																																																						
<table border="0"> <tr><td>X[i]</td><td>F[i]</td><td>NP[i]</td><td>X[i]*</td></tr> <tr><td>1</td><td>6</td><td>6,694</td><td>1</td></tr> <tr><td>2</td><td>9</td><td>8,972</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>7,602</td><td>3</td></tr> <tr><td>4</td><td>9</td><td>5,908</td><td>4</td></tr> <tr><td>5</td><td>6</td><td>4,427</td><td>5</td></tr> <tr><td>6</td><td>4</td><td>3,25</td><td>6</td></tr> <tr><td>7</td><td>3</td><td>2,356</td><td>7</td></tr> <tr><td>8</td><td>1</td><td>1,692</td><td>8</td></tr> <tr><td>9</td><td>1</td><td>1,208</td><td>9</td></tr> <tr><td>10</td><td>1</td><td>0,858</td><td>10</td></tr> <tr><td>11</td><td>0</td><td>0,607</td><td>11</td></tr> <tr><td>12</td><td>0</td><td>0,428</td><td>12</td></tr> <tr><td>13</td><td>0</td><td>0,301</td><td>13</td></tr> <tr><td>14</td><td>1</td><td>0,211</td><td>14</td></tr> </table>	X[i]	F[i]	NP[i]	X[i]*	1	6	6,694	1	2	9	8,972	2	3	3	7,602	3	4	9	5,908	4	5	6	4,427	5	6	4	3,25	6	7	3	2,356	7	8	1	1,692	8	9	1	1,208	9	10	1	0,858	10	11	0	0,607	11	12	0	0,428	12	13	0	0,301	13	14	1	0,211	14	<table border="0"> <tr><td>F[i]</td><td>NP[i]</td><td>X[i]</td><td>F[i]</td><td>NP[i]</td><td>X[i]</td><td>F[i]</td><td>NP[i]</td><td>X[i]#</td></tr> <tr><td>28</td><td>29,01</td><td>16</td><td>1</td><td>0,18</td><td>1</td><td>27</td><td>28,47</td><td>16</td></tr> <tr><td>21</td><td>21,14</td><td>17</td><td>0</td><td>0,128</td><td>2</td><td>23</td><td>23,01</td><td>17</td></tr> <tr><td>22</td><td>15,19</td><td>18</td><td>0</td><td>0,091</td><td>3</td><td>23</td><td>17,45</td><td></td></tr> <tr><td>4</td><td>10,86</td><td>19</td><td>0</td><td>0,064</td><td>4</td><td>10</td><td>12,82</td><td></td></tr> <tr><td>12</td><td>7,746</td><td>20</td><td>0</td><td>0,046</td><td>5</td><td>8</td><td>9,257</td><td></td></tr> <tr><td>7</td><td>5,516</td><td>21</td><td>0</td><td>0,032</td><td>6</td><td>9</td><td>6,601</td><td></td></tr> <tr><td>3</td><td>3,925</td><td>22</td><td>0</td><td>0,023</td><td>7</td><td>5</td><td>4,667</td><td></td></tr> <tr><td>1</td><td>2,79</td><td>23</td><td>0</td><td>0,016</td><td>8</td><td>0</td><td>3,279</td><td></td></tr> <tr><td>0</td><td>1,983</td><td>24</td><td>0</td><td>0,012</td><td>9</td><td>3</td><td>2,292</td><td></td></tr> <tr><td>0</td><td>1,408</td><td>25</td><td>1</td><td>0,028</td><td>10</td><td>2</td><td>1,596</td><td></td></tr> <tr><td>1</td><td>1</td><td></td><td></td><td></td><td>11</td><td>1</td><td>1,107</td><td></td></tr> <tr><td>2</td><td>0,71</td><td></td><td></td><td></td><td>12</td><td>1</td><td>0,766</td><td></td></tr> <tr><td>0</td><td>0,504</td><td></td><td></td><td></td><td>13</td><td>0</td><td>0,529</td><td></td></tr> <tr><td>0</td><td>0,357</td><td></td><td></td><td></td><td>14</td><td>0</td><td>0,365</td><td></td></tr> </table>	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	28	29,01	16	1	0,18	1	27	28,47	16	21	21,14	17	0	0,128	2	23	23,01	17	22	15,19	18	0	0,091	3	23	17,45		4	10,86	19	0	0,064	4	10	12,82		12	7,746	20	0	0,046	5	8	9,257		7	5,516	21	0	0,032	6	9	6,601		3	3,925	22	0	0,023	7	5	4,667		1	2,79	23	0	0,016	8	0	3,279		0	1,983	24	0	0,012	9	3	2,292		0	1,408	25	1	0,028	10	2	1,596		1	1				11	1	1,107		2	0,71				12	1	0,766		0	0,504				13	0	0,529		0	0,357				14	0	0,365		<table border="0"> <tr><td>F[i]</td><td>NP[i]</td><td>X[i]</td><td>F[i]</td><td>NP[i]</td></tr> <tr><td>0</td><td>0,172</td><td></td><td></td><td></td></tr> <tr><td>1</td><td>0,374</td><td></td><td></td><td></td></tr> </table>	F[i]	NP[i]	X[i]	F[i]	NP[i]	0	0,172				1	0,374																																																																							
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<p>Input data: DamaK4_5er.dat Distribution: Hyperpascal (k,m,q) Sample size: 54 Method 1 of 2 Parameters: k = 0,236941120116511 m = 0,128393422618531 q = 0,695283025874926 DF =7 X² = 3,4489 P(X²) = 0,8406</p>	<p>Input data: Futljar_5er.dat* Distribution: Hyperpascal (k,m,q) Sample size: 256 Method 1 of 2 Parameters: k = 4,30110846646657 m = 2,10001406171906 q = 0,513083820280732 DF =9 X² = 6,5797 P(X²) = 0,6808</p>	<p>Input data: Malciki_5er.dat# Distribution: Hyperpascal (k,m,q) Sample size: 148 Method 1 of 2 Parameters: k = 0,136347527036287 m = 0,0845563361649204 q = 0,605195463160588 DF =6 X² = 2,8496 P(X²) = 0,8275</p>																																																																																																																																																																																																																																																																																						
<table border="0"> <tr><td>X[i]</td><td>F[i]</td><td>NP[i]</td><td>X[i]*</td></tr> <tr><td>1</td><td>10</td><td>9,409</td><td>1</td></tr> <tr><td>2</td><td>13</td><td>12,073</td><td>2</td></tr> <tr><td>3</td><td>8</td><td>9,2014</td><td>3</td></tr> <tr><td>4</td><td>7</td><td>6,7238</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>4,8372</td><td>5</td></tr> <tr><td>6</td><td>3</td><td>3,4516</td><td>6</td></tr> <tr><td>7</td><td>4</td><td>2,4507</td><td>7</td></tr> <tr><td>8</td><td>2</td><td>1,7341</td><td>8</td></tr> <tr><td>9</td><td>0</td><td>1,224</td><td>9</td></tr> <tr><td>10</td><td>0</td><td>0,8624</td><td>10</td></tr> <tr><td>11</td><td>0</td><td>0,6068</td><td>11</td></tr> <tr><td>12</td><td>1</td><td>0,4264</td><td>12</td></tr> <tr><td>13</td><td>0</td><td>0,2994</td><td>13</td></tr> <tr><td>14</td><td>0</td><td>0,21</td><td>14</td></tr> <tr><td>15</td><td>1</td><td>0,4907</td><td>15</td></tr> </table>	X[i]	F[i]	NP[i]	X[i]*	1	10	9,409	1	2	13	12,073	2	3	8	9,2014	3	4	7	6,7238	4	5	5	4,8372	5	6	3	3,4516	6	7	4	2,4507	7	8	2	1,7341	8	9	0	1,224	9	10	0	0,8624	10	11	0	0,6068	11	12	1	0,4264	12	13	0	0,2994	13	14	0	0,21	14	15	1	0,4907	15	<table border="0"> <tr><td>F[i]</td><td>NP[i]</td><td>X[i]</td><td>F[i]</td><td>NP[i]</td><td>X[i]</td><td>F[i]</td><td>NP[i]</td><td>X[i]#</td></tr> <tr><td>49</td><td>48,395</td><td>16</td><td>0</td><td>0,1432</td><td>1</td><td>43</td><td>41,271</td><td></td></tr> <tr><td>54</td><td>50,856</td><td>17</td><td>1</td><td>0,1936</td><td>2</td><td>42</td><td>40,276</td><td></td></tr> <tr><td>50</td><td>44,621</td><td></td><td></td><td></td><td>3</td><td>24</td><td>25,539</td><td></td></tr> <tr><td>35</td><td>35,185</td><td></td><td></td><td></td><td>4</td><td>13</td><td>15,84</td><td></td></tr> <tr><td>24</td><td>25,844</td><td></td><td></td><td></td><td>5</td><td>8</td><td>9,7473</td><td></td></tr> <tr><td>16</td><td>18,045</td><td></td><td></td><td></td><td>6</td><td>7</td><td>5,9738</td><td></td></tr> <tr><td>11</td><td>12,129</td><td></td><td></td><td></td><td>7</td><td>6</td><td>3,6521</td><td></td></tr> <tr><td>5</td><td>7,9142</td><td></td><td></td><td></td><td>8</td><td>2</td><td>2,2291</td><td></td></tr> <tr><td>2</td><td>5,0428</td><td></td><td></td><td></td><td>9</td><td>1</td><td>1,3589</td><td></td></tr> <tr><td>4</td><td>3,1513</td><td></td><td></td><td></td><td>10</td><td>1</td><td>0,8277</td><td></td></tr> <tr><td>1</td><td>1,9375</td><td></td><td></td><td></td><td>11</td><td>0</td><td>0,5038</td><td></td></tr> <tr><td>1</td><td>1,1749</td><td></td><td></td><td></td><td>12</td><td>0</td><td>0,3064</td><td></td></tr> <tr><td>2</td><td>0,7041</td><td></td><td></td><td></td><td>13</td><td>1</td><td>0,4747</td><td></td></tr> <tr><td>1</td><td>0,4177</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>0</td><td>0,2455</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	49	48,395	16	0	0,1432	1	43	41,271		54	50,856	17	1	0,1936	2	42	40,276		50	44,621				3	24	25,539		35	35,185				4	13	15,84		24	25,844				5	8	9,7473		16	18,045				6	7	5,9738		11	12,129				7	6	3,6521		5	7,9142				8	2	2,2291		2	5,0428				9	1	1,3589		4	3,1513				10	1	0,8277		1	1,9375				11	0	0,5038		1	1,1749				12	0	0,3064		2	0,7041				13	1	0,4747		1	0,4177								0	0,2455								<table border="0"> <tr><td>F[i]</td><td>NP[i]</td><td>X[i]</td><td>F[i]</td><td>NP[i]</td></tr> <tr><td>43</td><td>41,271</td><td></td><td></td><td></td></tr> <tr><td>42</td><td>40,276</td><td></td><td></td><td></td></tr> <tr><td>24</td><td>25,539</td><td></td><td></td><td></td></tr> <tr><td>13</td><td>15,84</td><td></td><td></td><td></td></tr> <tr><td>8</td><td>9,7473</td><td></td><td></td><td></td></tr> <tr><td>7</td><td>5,9738</td><td></td><td></td><td></td></tr> <tr><td>6</td><td>3,6521</td><td></td><td></td><td></td></tr> <tr><td>2</td><td>2,2291</td><td></td><td></td><td></td></tr> <tr><td>1</td><td>1,3589</td><td></td><td></td><td></td></tr> <tr><td>1</td><td>0,8277</td><td></td><td></td><td></td></tr> <tr><td>0</td><td>0,5038</td><td></td><td></td><td></td></tr> <tr><td>0</td><td>0,3064</td><td></td><td></td><td></td></tr> <tr><td>1</td><td>0,4747</td><td></td><td></td><td></td></tr> </table>	F[i]	NP[i]	X[i]	F[i]	NP[i]	43	41,271				42	40,276				24	25,539				13	15,84				8	9,7473				7	5,9738				6	3,6521				2	2,2291				1	1,3589				1	0,8277				0	0,5038				0	0,3064				1	0,4747			
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Texte: slowenisch (Satzdefinition 1)

Input data: Mackova_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 118
 Best method is
 Method 2 of 3
 Parameters:
 k = 1,58097780445095
 p = 0,104806345012647
 DF =35
 $X^2 = 30,5475$ $P(X^2) = 0,6829$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	3,335	41	0	0,385
2	3	4,72	42	1	0,35
3	5	5,453	43	0	0,317
4	10	5,827	44	0	0,288
5	8	5,974	45	0	0,261
6	6	5,969	46	0	0,237
7	8	5,861	47	0	0,215
8	4	5,682	48	0	0,194
9	5	5,456	49	0	0,176
10	2	5,2	50	0	0,16
11	5	4,925	51	0	0,145
12	5	4,642	52	0	0,131
13	4	4,356	53	0	0,118
14	1	4,074	54	0	0,107
15	7	3,799	55	0	0,097
16	4	3,532	56	0	0,088
17	3	3,277	57	0	0,079
18	5	3,034	58	0	0,072
19	1	2,803	59	0	0,065
20	3	2,586	60	0	0,059
21	1	2,382	61	1	0,545
22	4	2,192			
23	3	2,014			
24	2	1,848			
25	4	1,695			
26	0	1,552			
27	2	1,421			
28	1	1,299			
29	0	1,187			
30	2	1,084			
31	1	0,989			
32	3	0,902			
33	0	0,822			
34	0	0,749			
35	0	0,682			
36	1	0,621			
37	0	0,565			
38	0	0,513			
39	0	0,467			
40	0	0,424			

Input data: Ponkrcev_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 191
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,55070870868661
 p = 0,127151071452128
 DF =32
 $X^2 = 36,1624$ $P(X^2) = 0,2803$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	4	7,8	41	0	0,294
2	12	10,56	42	1	2,215
3	10	11,75			
4	11	12,14			
5	19	12,06			
6	16	11,68			
7	9	11,13			
8	6	10,48			
9	15	9,779			
10	9	9,058			
11	4	8,342			
12	7	7,646			
13	7	6,98			
14	9	6,35			
15	3	5,761			
16	5	5,213			
17	5	4,707			
18	6	4,241			
19	1	3,815			
20	1	3,427			
21	4	3,073			
22	4	2,753			
23	6	2,463			
24	4	2,201			
25	2	1,966			
26	3	1,753			
27	0	1,563			
28	1	1,392			
29	0	1,239			
30	0	1,102			
31	1	0,979			
32	0	0,87			
33	3	0,773			
34	0	0,686			
35	1	0,608			
36	0	0,539			
37	0	0,478			
38	1	0,423			
39	0	0,375			
40	1	0,332			

Input data:
 PonkrcevK1_1er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 76
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,79636953893378
 p = 0,140079027912252
 DF =26
 X² = 28,1142 P(X²) = 0,3529

Input data:
 PonkrcevK2_1er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 44
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,82812873239456
 p = 0,211674642803793
 DF =18
 X² = 22,0582 P(X²) = 0,2294

Input data:
 PonkrcevK3_1er.dat##
 Distribution: Negative binomial
 (k,p)
 Sample size: 71
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,66540075791477
 p = 0,151040473273067
 DF =22
 X² = 18,7241 P(X²) = 0,6623

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	2,2253	1	0	0,545	1	3	3,0487	41	0	0,057
2	6	3,4375	2	1	1,215	2	5	4,3105	42	1	0,3537
3	5	4,133	3	1	1,8333	3	4	4,8769			
4	2	4,4975	4	2	2,3259	4	7	5,0586			
5	8	4,6374	5	5	2,6715	5	6	5,009			
6	4	4,623	6	4	2,8761	6	8	4,8183			
7	3	4,5031	7	3	2,9581	7	3	4,5442			
8	4	4,3128	8	0	2,9409	8	2	4,2246			
9	6	4,0779	9	6	2,8482	9	3	3,8848			
10	3	3,8169	10	3	2,7014	10	3	3,5419			
11	1	3,5436	11	2	2,5189	11	1	3,207			
12	2	3,2679	12	2	2,3157	12	3	2,8873			
13	4	2,9966	13	0	2,1037	13	3	2,5871			
14	2	2,7347	14	5	1,8916	14	2	2,3088			
15	2	2,4854	15	0	1,6859	15	1	2,0532			
16	0	2,2507	16	1	1,491	16	4	1,8204			
17	4	2,0318	17	0	1,3097	17	1	1,6097			
18	4	1,829	18	0	1,1435	18	2	1,4201			
19	0	1,6424	19	1	0,993	19	0	1,2502			
20	1	1,4715	20	0	0,8581	20	0	1,0985			
21	2	1,3158	21	2	0,7383	21	0	0,9636			
22	2	1,1744	22	1	0,6327	22	1	0,844			
23	3	1,0464	23	0	0,5402	23	3	0,7382			
24	2	0,931	24	1	0,4597	24	1	0,6448			
25	1	0,8271	25	1	0,39	25	0	0,5626			
26	2	0,7339	26	1	0,3299	26	0	0,4903			
27	0	0,6505	27	0	0,2784	27	0	0,4269			
28	0	0,5758	28	0	0,2343	28	1	0,3714			
29	0	0,5093	29	0	0,1968	29	0	0,3228			
30	0	0,45	30	0	0,1649	30	0	0,2803			
31	0	0,3972	31	1	0,1379	31	0	0,2433			
32	0	0,3503	32	0	0,1151	32	0	0,2109			
33	1	0,3088	33	0	0,096	33	2	0,1828			
34	0	0,2719	34	0	0,0798	34	0	0,1583			
35	0	0,2393	35	1	0,3794	35	0	0,137			
36	0	0,2105				36	0	0,1186			
37	0	0,185				37	0	0,1025			
38	0	0,1625				38	1	0,0886			
39	0	0,1427				39	0	0,0765			

40 1 1

40 0 0,0661

Input data: Hlapec_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 1493
 Best method is
 Method 1 of 3
 min. size: 160
 k = 1,78652791441398
 p = 0,135647342744602
 DF =5
 X² = 24,2267 P(X²) = 0,0002
 C = 0,0162

Input data: HlapecK1_1er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 47
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,61438516916322
 p = 0,185795296100541
 DF =21
 X² = 24,8419 P(X²) = 0,2541
 C = 0,5286

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	31	42,081	41	3	2,4652	81	0	0,0124	1	0	0,5769
2	64	64,981	42	0	2,1717	82	0	0,0108	2	2	1,2279
3	116	78,255	43	0	1,9122	83	0	0,0094	3	4	1,8068
4	90	85,374	44	0	1,6831	84	0	0,0082	4	0	2,2628
5	71	88,303	45	0	1,4808	85	0	0,0072	5	1	2,5859
6	64	88,331	46	0	1,3023	86	0	0,0063	6	3	2,7853
7	69	86,358	47	0	1,1449	87	0	0,0055	7	1	2,878
8	57	83,031	48	0	1,0061	88	0	0,0048	8	3	2,8837
9	73	78,824	49	0	0,8839	89	0	0,0042	9	2	2,8217
10	97	74,086	50	1	0,7763	90	0	0,0036	10	6	2,7096
11	61	69,073	51	1	0,6815	91	0	0,0032	11	1	2,5623
12	82	63,972	52	0	0,5982	92	0	0,0028	12	4	2,3924
13	69	58,919	53	0	0,5248	93	0	0,0024	13	4	2,21
14	59	54,008	54	0	0,4604	94	0	0,0021	14	5	2,0228
15	64	49,304	55	0	0,4037	95	0	0,0018	15	1	1,8369
16	49	44,851	56	0	0,354	96	0	0,0016	16	2	1,6566
17	36	40,673	57	0	0,3102	97	1	0,0107	17	0	1,4849
18	59	36,782	58	0	0,2719				18	0	1,3238
19	35	33,182	59	0	0,2382				19	0	1,1745
20	30	29,868	60	0	0,2086				20	1	1,0376
21	25	26,832	61	0	0,1827				21	2	0,913
22	26	24,061	62	0	0,1599				22	0	0,8005
23	18	21,541	63	0	0,14				23	0	0,6996
24	13	19,255	64	0	0,1225				24	1	0,6096
25	23	17,189	65	1	0,1072				25	0	0,5297
26	13	15,325	66	1	0,0938				26	0	0,4592
27	14	13,647	67	0	0,082				27	1	0,3971
28	9	12,139	68	0	0,0717				28	0	0,3426
29	9	10,787	69	0	0,0627				29	0	0,295
30	8	9,5768	70	0	0,0548				30	0	0,2536
31	7	8,4948	71	0	0,0479				31	0	0,2176
32	6	7,5288	72	1	0,0419				32	1	0,1864
33	4	6,6675	73	0	0,0366				33	0	0,1594
34	4	5,9004	74	0	0,032				34	0	0,1361
35	11	5,218	75	0	0,0279				35	0	0,1161
36	5	4,6116	76	0	0,0244				36	0	0,0989
37	3	4,0731	77	0	0,0213				37	0	0,0841
38	2	3,5954	78	1	0,0186				38	0	0,0715
39	4	3,172	79	0	0,0162				39	0	0,0607
40	3	2,7971	80	0	0,0142				40	1	0,0515

Input data: HlapecK2_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 92
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,63291056381079
 p = 0,143961750857802
 DF =25
 $X^2 = 23,3867$ $P(X^2) = 0,5550$

X[i]	F[i]	NP[i]	X[i]*
1	3	3,884	1
2	2	5,4292	2
3	10	6,1184	3
4	14	6,3425	4
5	4	6,2885	5
6	5	6,0646	6
7	3	5,7392	7
8	6	5,3572	8
9	3	4,9488	9
10	4	4,5342	10
11	2	4,1272	11
12	4	3,7363	12
13	4	3,3671	13
14	4	3,0227	14
15	3	2,7045	15
16	4	2,4129	16
17	0	2,1472	17
18	2	1,9065	18
19	2	1,6894	19
20	2	1,4944	20
21	1	1,3197	21
22	1	1,1638	22
23	1	1,0249	23
24	1	0,9015	24
25	2	0,7921	25
26	0	0,6952	26
27	1	0,6096	27
28	1	0,5341	28
29	0	0,4675	29
30	0	0,409	30
31	1	0,3575	31
32	0	0,3123	32
33	0	0,2726	33
34	0	0,2378	34
35	1	0,2074	35
36	1	1,3802	36
			37
			38
			39
			40

Input data: HlapecK3_1er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 90
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,06810507953222
 p = 0,166291069494851
 DF =25
 $X^2 = 23,0312$ $P(X^2) = 0,5757$

F[i]	NP[i]	X[i]	F[i]	NP[i]
2	2,2025	41	0	0,0782
3	3,7976	42	0	0,0669
5	4,8569	43	0	0,0572
8	5,4909	44	0	0,0489
9	5,8002	45	0	0,0417
6	5,8687	46	0	0,0356
1	5,7638	47	0	0,0304
2	5,5386	48	0	0,0259
4	5,234	49	0	0,0221
5	4,8815	50	1	0,1253
3	4,5045			
7	4,1201			
4	3,7407			
5	3,3749			
4	3,0283			
3	2,7045			
4	2,4053			
5	2,1313			
0	1,8823			
1	1,6575			
1	1,4557			
1	1,2754			
1	1,1149			
0	0,9727			
1	0,847			
1	0,7363			
0	0,6391			
0	0,5539			
0	0,4794			
0	0,4144			
1	0,3578			
0	0,3086			
0	0,2659			
0	0,2288			
2	0,1968			
0	0,169			
0	0,1451			
0	0,1245			
0	0,1067			
0	0,0914			

Input data: Hlapeck4_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 61
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,6773665482298
 p = 0,131936220806441
 DF =24

$X^2 = 33,7499$ $P(X^2) = 0,0892$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	2,0411	41	0	0,097
2	0	2,9719	42	0	0,0856
3	8	3,4536	43	0	0,0755
4	4	3,6748	44	0	0,0666
5	4	3,7302	45	0	0,0587
6	7	3,6767	46	0	0,0517
7	6	3,5519	47	0	0,0455
8	0	3,3816	48	0	0,0401
9	2	3,184	49	0	0,0353
10	4	2,972	50	0	0,0311
11	1	2,7546	51	0	0,0273
12	2	2,5384	52	0	0,024
13	1	2,3279	53	0	0,0211
14	3	2,126	54	0	0,0186
15	2	1,9348	55	0	0,0163
16	1	1,7554	56	0	0,0144
17	1	1,5883	57	0	0,0126
18	3	1,4337	58	0	0,0111
19	0	1,2914	59	0	0,0097
20	1	1,161	60	0	0,0085
21	0	1,0419	61	0	0,0075
22	0	0,9336	62	0	0,0066
23	0	0,8354	63	0	0,0058
24	0	0,7465	64	0	0,0051
25	0	0,6663	65	1	0,0044
26	2	0,5941	66	0	0,0039
27	0	0,5291	67	0	0,0034
28	0	0,4709	68	0	0,003
29	4	0,4186	69	0	0,0026
30	0	0,3719	70	0	0,0023
31	0	0,3301	71	0	0,002
32	0	0,2928	72	0	0,0018
33	0	0,2596	73	0	0,0016
34	0	0,2299	74	0	0,0014
35	1	0,2036	75	0	0,0012
36	0	0,1801	76	0	0,001
37	0	0,1593	77	0	0,0009
38	0	0,1408	78	0	0,0008
39	0	0,1244	79	0	0,0007
40	0	0,1099	80	0	0,0006

Input data: Hlapeck5_1er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 81
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,14352461565746
 p = 0,199540763299091
 DF =21

$X^2 = 30,3034$ $P(X^2) = 0,0861$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
81	0	0,0005	1	1	2,5591
82	0	0,0005	2	7	4,3909
83	0	0,0004	3	11	5,5243
84	0	0,0004	4	4	6,1076
85	0	0,0003	5	7	6,2865
86	0	0,0003	6	2	6,1829
87	0	0,0002	7	3	5,8924
88	0	0,0002	8	4	5,4872
89	0	0,0002	9	9	5,0201
90	0	0,0002	10	1	4,5289
91	0	0,0001	11	5	4,0398
92	0	0,0001	12	3	3,5698
93	0	0,0001	13	4	3,1298
94	0	0,0001	14	0	2,7257
95	0	0,0001	15	1	2,36
96	0	0,0001	16	5	2,0331
97	1	0,0005	17	2	1,7437
			18	3	1,4897
			19	1	1,2682
			20	1	1,0762
			21	2	0,9107
			22	0	0,7687
			23	0	0,6473
			24	1	0,5439
			25	1	0,4561
			26	0	0,3818
			27	1	0,3191
			28	0	0,2662
			29	0	0,2218
			30	0	0,1845
			31	0	0,1533
			32	0	0,1273
			33	0	0,1055
			34	1	0,0874
			35	0	0,0723
			36	0	0,0598
			37	1	0,2785

Input data: Hlapeck6_1er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 81
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,10660678630887
 p = 0,176104592766355
 DF =23

$X^2 = 24,3517$ $P(X^2) = 0,3846$

X[i]	F[i]	NP[i]	X[i]*
1	0	2,0875	1
2	2	3,6231	2
3	8	4,6367	3
4	8	5,2292	4
5	4	5,5003	5
6	5	5,5346	6
7	5	5,4009	7
8	5	5,1532	8
9	4	4,833	9
10	8	4,4715	10
11	1	4,0917	11
12	5	3,7103	12
13	7	3,3388	13
14	1	2,985	14
15	3	2,6537	15
16	1	2,3477	16
17	2	2,068	17
18	1	1,8147	18
19	0	1,5871	19
20	1	1,3837	20
21	1	1,2031	21
22	1	1,0435	22
23	0	0,903	23
24	0	0,7798	24
25	1	0,6721	25
26	0	0,5782	26
27	1	0,4967	27
28	2	0,426	28
29	2	0,3648	29
30	0	0,312	30
31	0	0,2666	31
32	0	0,2275	32
33	0	0,1939	33
34	0	0,1651	34
35	1	0,1405	35
36	1	0,7766	

Input data: Hlapeck7_1er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 79
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,32787654432973
 p = 0,171198074757448
 DF =25

$X^2 = 17,9754$ $P(X^2) = 0,8434$

F[i]	NP[i]	X[i]	F[i]
1	1,2981	36	0
1	2,5045	37	0
5	3,4539	38	0
6	4,1296	39	0
5	4,5588	40	0
4	4,7818	41	1
4	4,8403		
4	4,7726		
7	4,6121		
5	4,3865		
1	4,1183		
5	3,8253		
4	3,5213		
0	3,2165		
4	2,9187		
2	2,6332		
2	2,3635		
4	2,1119		
1	1,8795		
1	1,6666		
1	1,473		
3	1,298		
0	1,1407		
2	1		
2	0,8747		
0	0,7634		
2	0,665		
0	0,5783		
0	0,502		
0	0,4351		
0	0,3766		
0	0,3255		
0	0,281		
1	0,2422		
1	0,2086		

Input data: Hlapeck8_1er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 120
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,99426027280825
 p = 0,145550758024457
 DF =29

$X^2 = 31,2185$ $P(X^2) = 0,3552$

NP[i]	X[i]#	F[i]	NP[i]
0,1795	1	3	2,5705
0,1542	2	7	4,3801
0,1324	3	7	5,6031
0,1136	4	6	6,3743
0,0973	5	2	6,8003
0,5659	6	7	6,9659
	7	10	6,9383
	8	3	6,7705
	9	8	6,5041
	10	4	6,1713
	11	3	5,7974
	12	7	5,4013
	13	4	4,9975
	14	7	4,5967
	15	8	4,2066
	16	2	3,8326
	17	2	3,4782
	18	5	3,1458
	19	2	2,8364
	20	5	2,5504
	21	2	2,2875
	22	5	2,0471
	23	2	1,8282
	24	1	1,6296
	25	1	1,4501
	26	0	1,2883
	27	0	1,1429
	28	1	1,0125
	29	0	0,8959
	30	1	0,7917
	31	1	0,6989
	32	2	0,6163
	33	0	0,543
	34	0	0,4779
	35	1	0,4203
	36	0	0,3693
	37	1	2,5792

Input data: Hlapeck9_1er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 65
 Best method is
 Method 1 of 3
 min. size: 5
 k = 3,34096202684854
 p = 0,210647506320093
 DF =7

$X^2 = 3,5816$ $P(X^2) = 0,8265$

X[i]	F[i]	NP[i]
2	2	0,3572
3	4	0,9421
4	0	1,614
5	1	2,2682
6	4	2,8382
7	3	3,2893
8	2	3,6094
9	3	3,8019
10	4	3,8792
11	1	3,8585
12	7	3,7587
13	1	3,5984
14	1	3,3945
15	4	3,1619
16	5	2,9132
17	1	2,6584
18	2	2,4055
19	3	2,1602
20	3	1,927
21	1	1,7084
22	2	1,5064
23	0	1,3216
24	0	1,1543
25	5	1,0038
26	2	0,8697
27	3	0,7508
28	0	0,646
29	0	0,5541
30	0	0,474
31	0	0,4043
32	0	0,3441
33	0	0,2921
34	0	0,2474
35	1	1,2871

Input data: Hlapeck10_1er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 120
 Best method is
 Method 1 of 3
 min. size: 5
 k = 1,84396899058188
 p = 0,182015825563971
 DF =13

$X^2 = 18,9672$ $P(X^2) = 0,1241$

X[i]	F[i]	NP[i]
1	6	5,1862
2	10	7,8225
3	12	9,0988
4	11	9,5365
5	11	9,4466
6	6	9,0314
7	2	8,4267
8	1	7,724
9	5	6,9846
10	9	6,2491
11	6	5,543
12	5	4,882
13	4	4,2743
14	2	3,7233
15	9	3,2292
16	2	2,79
17	5	2,4026
18	2	2,0628
19	3	1,7665
20	3	1,5091
21	0	1,2865
22	1	1,0947
23	3	0,9298
24	0	0,7884
25	0	0,6676
26	0	0,5645
27	0	0,4768
28	0	0,4022
29	0	0,3389
30	0	0,2853
31	0	0,2399
32	0	0,2016
33	0	0,1692
34	0	0,142
35	0	0,119
36	0	0,0997
37	0	0,0835
38	0	0,0698
39	2	0,3515

Input data: Hlapeck11_1er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 80
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,49488192070026
 p = 0,184099438305352
 DF =24

$X^2 = 35,3698$ $P(X^2) = 0,0631$

X[i]	F[i]	NP[i]
1	3	1,1735
2	6	2,3887
3	2	3,4057
4	6	4,1634
5	5	4,6664
6	0	4,9456
7	3	5,0404
8	3	4,9907
9	1	4,8328
10	6	4,5981
11	3	4,3124
12	6	3,9966
13	6	3,6671
14	6	3,336
15	3	3,0125
16	2	2,7028
17	1	2,4113
18	6	2,1404
19	2	1,8914
20	2	1,6646
21	0	1,4596
22	2	1,2757
23	2	1,1116
24	0	0,9659
25	0	0,8371
26	1	0,7239
27	1	0,6246
28	0	0,5378
29	0	0,4622
30	1	0,3966
31	0	0,3397
32	0	0,2905
33	1	1,6347

Input data: Hlapeck12_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 80
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,40914675634407
 p = 0,152442798115713
 DF =28
 $X^2 = 19,1426$ $P(X^2) = 0,8937$

X[i]	F[i]	NP[i]
1	1	0,8611
2	2	1,7584
3	5	2,5403
4	2	3,1644
5	3	3,6269
6	1	3,9403
7	4	4,124
8	2	4,1989
9	5	4,1857
10	7	4,1031
11	6	3,9676
12	2	3,7936
13	2	3,5929
14	5	3,3752
15	3	3,1486
16	2	2,9194
17	2	2,6922
18	4	2,471
19	2	2,2582
20	1	2,0559
21	4	1,8653
22	0	1,687
23	2	1,5214
24	1	1,3685
25	2	1,228
26	0	1,0995
27	2	0,9824
28	0	0,8761
29	2	0,7799
30	1	0,6931
31	0	0,615
32	1	0,545
33	0	0,4822
34	0	0,4262
35	1	0,3762
36	1	0,3317
37	0	0,2921
38	0	0,257
39	0	0,2259
40	0	0,1984

Input data: Hlapeck13_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 126
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,17477499508021
 p = 0,159632254699541
 DF =29
 $X^2 = 21,3281$ $P(X^2) = 0,8469$

X[i]	F[i]	NP[i]
1	3	2,3299
2	6	4,2582
3	8	5,6803
4	10	6,6429
5	5	7,222
6	3	7,4951
7	7	7,5319
8	6	7,3918
9	2	7,124
10	8	6,7682
11	6	6,356
12	8	5,9118
13	7	5,4545
14	5	4,998
15	3	4,5526
16	4	4,1255
17	2	3,7215
18	5	3,3435
19	6	2,9932
20	1	2,6709
21	3	2,3764
22	2	2,1087
23	2	1,8668
24	1	1,6489
25	3	1,4535
26	2	1,2789
27	0	1,1233
28	2	0,985
29	0	0,8625
30	2	0,7542
31	1	0,6586
32	0	0,5745
33	0	0,5005
34	1	0,4356
35	0	0,3787
36	0	0,3289
37	0	0,2854
38	0	0,2475
39	0	0,2144
40	1	0,1856

Input data: Hlapeck14_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 61
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,1318373681332
 p = 0,129179044428536
 DF =28
 $X^2 = 30,4353$ $P(X^2) = 0,3427$

X[i]	F[i]	NP[i]
1	0	0,7772
2	2	1,4428
3	6	1,9675
4	0	2,3598
5	0	2,6364
6	1	2,8155
7	2	2,9143
8	3	2,9482
9	4	2,9306
10	2	2,873
11	3	2,785
12	5	2,6748
13	3	2,5489
14	2	2,4129
15	2	2,2711
16	4	2,127
17	2	1,9832
18	5	1,842
19	2	1,7049
20	1	1,5731
21	1	1,4474
22	2	1,3284
23	1	1,2163
24	0	1,1113
25	0	1,0134
26	1	0,9224
27	0	0,8382
28	0	0,7606
29	0	0,6891
30	0	0,6235
31	1	0,5634
32	1	0,5086
33	1	0,4585
34	0	0,413
35	0	0,3716
36	0	0,3341
37	1	0,3001
38	0	0,2693
39	1	0,2415
40	1	0,2164

Input data: Hlapeck15_1er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 107
 Best method is
 Method 2 of 3
 Parameters:
 k = 2,09844254051238
 p = 0,15789633298397
 DF =27
 $X^2 = 25,5535$ $P(X^2) = 0,5435$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	0	0,1938	1	1	2,2244
2	0	0,1734	2	6	3,9308
3	0	0,1551	3	7	5,1281
4	0	0,1386	4	5	5,8995
5	0	0,1238	5	6	6,3323
6	0	0,1105	6	2	6,5039
7	0	0,0986	7	5	6,4797
8	0	0,0879	8	3	6,3128
9	0	0,0784	9	7	6,046
10	0	0,0698	10	8	5,7127
11	0	0,0622	11	6	5,3391
12	0	0,0554	12	4	4,9451
13	0	0,0493	13	4	4,5454
14	0	0,0438	14	4	4,1512
15	0	0,039	15	4	3,77
16	0	0,0346	16	1	3,4072
17	0	0,0308	17	1	3,0662
18	0	0,0273	18	4	2,7489
19	0	0,0242	19	6	2,4561
20	0	0,0215	20	1	2,1879
21	0	0,0191	21	3	1,9436
22	0	0,0169	22	2	1,7223
23	0	0,015	23	3	1,5228
24	0	0,0133	24	2	1,3436
25	0	0,0118	25	2	1,1832
26	0	0,0105	26	4	1,0402
27	0	0,0093	27	0	0,9129
28	0	0,0082	28	1	0,8001
29	0	0,0073	29	0	0,7002
30	0	0,0064	30	1	0,612
31	0	0,0057	31	1	0,5342
32	1	0,0431	32	1	0,4658
33			33	0	0,4057
34			34	1	0,353
35			35	0	0,3069
36			36	1	1,9663

Input data: Hlapeck16_1er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 84
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,4007970205046
 p = 0,157774145706635
 DF =28
 $X^2 = 22,8825$ $P(X^2) = 0,7389$

Input data: Hlapeck17_1er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 98
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,41131000944898
 p = 0,169043718966217
 DF =26
 $X^2 = 28,1616$ $P(X^2) = 0,3506$

Input data: Hlapeck18_1er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 21
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,37062552399041
 p = 0,148074496687627
 DF =13
 $X^2 = 10,7316$ $P(X^2) = 0,6333$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	1	0,9975	41	0	0,1527	1	3	1,348	1	1	0,2268
2	3	2,017	42	0	0,133	2	3	2,701	2	0	0,4581
3	4	2,8886	43	0	0,1157	3	9	3,8282	3	1	0,6578
4	2	3,5688	44	0	0,1007	4	3	4,6775	4	1	0,8164
5	1	4,0584	45	0	0,0875	5	2	5,2582	5	1	0,9338
6	4	4,3757	46	0	0,076	6	3	5,6026	6	1	1,0137
7	6	4,5457	47	0	0,0659	7	3	5,7506	7	1	1,0608
8	5	4,5947	48	0	0,0572	8	5	5,7419	8	0	1,0807
9	2	4,5473	49	0	0,0496	9	5	5,613	9	0	1,0784
10	6	4,426	50	0	0,0429	10	9	5,3956	10	1	1,0586
11	6	4,2499	51	0	0,0372	11	5	5,1162	11	2	1,0255
12	4	4,0351	52	0	0,0322	12	4	4,7968	12	0	0,9825
13	4	3,7952	53	0	0,0278	13	6	4,4547	13	0	0,9326
14	4	3,5409	54	0	0,0241	14	4	4,1036	14	1	0,8783
15	3	3,2806	55	0	0,0208	15	6	3,7536	15	1	0,8215
16	2	3,021	56	0	0,018	16	5	3,4126	16	2	0,7638
17	4	2,7671	57	0	0,0155	17	2	3,0858	17	3	0,7064
18	5	2,5226	58	0	0,0134	18	2	2,7771	18	1	0,6504
19	1	2,2899	59	0	0,0115	19	3	2,4885	19	1	0,5963
20	4	2,0708	60	0	0,0099	20	1	2,2215	20	0	0,5446
21	0	1,8663	61	0	0,0086	21	3	1,9762	21	0	0,4958
22	2	1,6767	62	0	0,0074	22	2	1,7525	22	0	0,4499
23	1	1,5021	63	0	0,0064	23	0	1,5497	23	0	0,4072
24	1	1,3421	64	0	0,0055	24	2	1,3667	24	0	0,3676
25	0	1,1963	65	0	0,0047	25	2	1,2025	25	1	0,331
26	0	1,064	66	1	0,0287	26	0	1,0556	26	0	0,2975
27	0	0,9444				27	2	0,9248	27	0	0,2668
28	0	0,8367				28	2	0,8086	28	0	0,2388
29	0	0,74				29	1	0,7058	29	0	0,2134
30	2	0,6533				30	0	0,615	30	0	0,1904
31	1	0,5759				31	0	0,5351	31	0	0,1696
32	0	0,507				32	0	0,4649	32	0	0,1509
33	0	0,4457				33	1	2,9154	33	1	0,1341
34	0	0,3913							34	0	0,1189
35	2	0,3431							35	0	0,1054
36	1	0,3006							36	0	0,0933
37	0	0,263							37	0	0,0825
38	1	0,2299							38	1	0,5998
39	1	0,2008									

40 0 0,1752

Input data: Valpet_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 585
 Best method is
 Method 1 of 3
 Parameters:

k = 2,09486992803661
 p = 0,143060220344623
 DF =44
 $X^2 = 58,8898$ $P(X^2) = 0,0660$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	8	9,9558	41	0	1,1582
2	14	17,873	42	2	1,019
3	14	23,7	43	2	0,896
4	27	27,722	44	2	0,7873
5	39	30,258	45	0	0,6915
6	30	31,607	46	0	0,607
7	34	32,028	47	0	0,5325
8	37	31,739	48	2	0,467
9	23	30,921	49	1	0,4093
10	31	29,721	50	0	0,3586
11	36	28,257	51	1	0,314
12	44	26,625	52	0	0,2749
13	29	24,898	53	0	0,2405
14	20	23,133	54	0	0,2104
15	20	21,374	55	0	0,1839
16	15	19,653	56	1	0,1607
17	14	17,994	57	0	0,1404
18	20	16,413	58	0	0,1227
19	10	14,92	59	0	0,1071
20	9	13,522	60	0	0,0935
21	15	12,222	61	0	0,0816
22	12	11,02	62	1	0,0712
23	7	9,9132	63	1	0,4793
24	5	8,8994			
25	10	7,9742			
26	5	7,1327			
27	4	6,3697			
28	4	5,6798			
29	7	5,0575			
30	2	4,4976			
31	5	3,9949			
32	3	3,5443			
33	3	3,1411			
34	8	2,7811			
35	3	2,46			
36	3	2,174			
37	0	1,9196			
38	1	1,6937			
39	1	1,4932			

Input data: Pokljuk_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 170
 Best method is
 Method 3 of 3
 Parameters:

k = 3,09625470774832
 p = 0,149879351168552
 DF =41
 $X^2 = 39,0340$ $P(X^2) = 0,5583$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	0,4768	41	2	0,8128
2	2	1,255	42	1	0,7263
3	3	2,1852	43	0	0,6483
4	3	3,1557	44	1	0,578
5	3	4,0887	45	0	0,5148
6	8	4,9331	46	0	0,458
7	5	5,659	47	1	0,4071
8	8	6,2515	48	0	0,3615
9	11	6,7071	49	0	0,3208
10	5	7,0299	50	0	0,2843
11	10	7,229	51	0	0,2519
12	3	7,3167	52	0	0,2229
13	6	7,3066	53	0	0,1971
14	2	7,2131	54	2	0,1742
15	7	7,0502	55	0	0,1539
16	8	6,8311	56	0	0,1358
17	8	6,5681	57	0	0,1198
18	5	6,2722	58	0	0,1055
19	5	5,9531	59	0	0,093
20	6	5,6192	60	0	0,0818
21	7	5,2777	61	0	0,072
22	4	4,9346	62	0	0,0633
23	2	4,5947	63	0	0,0557
24	6	4,262	64	0	0,0489
25	1	3,9397	65	0	0,0429
26	5	3,6301	66	0	0,0377
27	3	3,3348	67	0	0,033
28	1	3,0551	68	0	0,029
29	5	2,7916	69	1	0,0254
30	4	2,5448	70	1	0,1757
31	4	2,3145			
32	0	2,1007			
33	5	1,9028			
34	2	1,7204			
35	2	1,5527			
36	1	1,399			
37	0	1,2586			
38	0	1,1306			
39	0	1,0142			

40 0 1,3155

40 1 0,9085

Input data: Krpan_1er.dat
Distribution: Negative binomial (k,p)
Sample size: 381
Best method is
Method 1 of 3

Parameters:
k = 1,82158590719308
p = 0,117392455418306
DF =46
X² = 59,8664 P(X²) = 0,0823

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	7,6948	41	1	1,173	81	0	0,0139
2	10	12,371	42	2	1,056	82	0	0,0124
3	16	15,404	43	1	0,9503	83	0	0,0111
4	22	17,319	44	2	0,8548	84	0	0,0099
5	18	18,426	45	1	0,7685	85	0	0,0088
6	22	18,935	46	0	0,6907	86	0	0,0078
7	22	19,001	47	0	0,6205	87	0	0,007
8	18	18,739	48	0	0,5572	88	0	0,0062
9	29	18,237	49	1	0,5002	89	0	0,0055
10	17	17,566	50	0	0,4489	90	0	0,0049
11	14	16,777	51	0	0,4027	91	0	0,0044
12	21	15,914	52	0	0,3612	92	0	0,0039
13	12	15,007	53	0	0,3238	93	0	0,0035
14	17	14,083	54	1	0,2902	94	0	0,0031
15	11	13,159	55	0	0,26	95	0	0,0028
16	5	12,25	56	0	0,2329	96	0	0,0025
17	5	11,367	57	0	0,2086	97	0	0,0022
18	12	10,518	58	1	0,1868	98	0	0,0019
19	5	9,7068	59	0	0,1672	99	0	0,0017
20	9	8,9378	60	0	0,1496	100	0	0,0015
21	6	8,2126	61	0	0,1339	101	0	0,0014
22	13	7,5321	62	0	0,1197	102	0	0,0012
23	4	6,8962	63	0	0,1071	103	0	0,0011
24	5	6,304	64	0	0,0957	104	0	0,001
25	7	5,7544	65	0	0,0856	105	0	0,0009
26	4	5,2458	66	0	0,0765	106	1	0,0069
27	4	4,7763	67	0	0,0684			
28	7	4,3439	68	1	0,0611			
29	2	3,9464	69	0	0,0546			
30	3	3,5818	70	0	0,0487			
31	7	3,2479	71	0	0,0435			
32	6	2,9426	72	0	0,0388			
33	5	2,6639	73	0	0,0347			
34	5	2,4097	74	0	0,031			
35	2	2,1782	75	0	0,0276			
36	2	1,9676	76	0	0,0246			
37	1	1,7763	77	0	0,022			
38	0	1,6026	78	0	0,0196			
39	0	1,445	79	0	0,0175			
40	1	1,3022	80	0	0,0156			

Input data: Mackova_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 118
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,34746850348331
 p = 0,293443766787066
 DF =15
 X² = 11,9503 P(X²) = 0,6828

Input data: Ponkrcev_2er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 191
 Best method is
 Method 3 of 3
 min. size: 6
 k = 1,94888629121217
 p = 0,286382416444306
 DF =9
 X² = 15,8624 P(X²) = 0,0698

Input data:
 PonkrcevK1_2er.dat#
 Distribution: Negative binomial (k,p)
 Sample size: 76
 Best method is
 Method 3 of 3
 Parameters:
 k = 2,21189873794499
 p = 0,268992140587661
 DF =15
 X² = 21,5379 P(X²) = 0,1205

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	6	6,636	21	1	0,325	1	16	16,7	1	7	4,164
2	15	11,01	22	0	0,244	2	21	23,22	2	7	6,732
3	14	13,02	23	0	0,183	3	35	24,44	3	12	7,903
4	12	13,33	24	0	0,137	4	15	22,95	4	7	8,111
5	7	12,59	25	0	0,102	5	24	20,27	5	9	7,726
6	10	11,29	26	0	0,076	6	11	17,21	6	3	7,016
7	5	9,77	27	0	0,057	7	16	14,22	7	6	6,165
8	11	8,232	28	0	0,042	8	8	11,52	8	2	5,287
9	8	6,796	29	0	0,031	9	11	9,199	9	8	4,45
10	4	5,521	30	0	0,023	10	2	7,257	10	1	3,691
11	5	4,426	31	1	0,064	11	8	5,67	11	4	3,025
12	5	3,511				12	10	4,395	12	5	2,455
13	4	2,759				13	5	3,385	13	3	1,976
14	3	2,151				14	1	2,592	14	0	1,579
15	2	1,666				15	0	1,975	15	0	1,254
16	4	1,283				16	1	1,498	16	0	0,991
17	0	0,983				17	3	1,133	17	1	0,779
18	1	0,75				18	1	0,853	18	0	0,61
19	0	0,569				19	1	0,641	19	0	0,476
20	0	0,431				20	1	0,48	20	1	1,609
						21	1	1,394			

Input data: PonkrcevK2_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 44
 Best method is
 Method 1 of 3
 k = 2,18427012559193
 p = 0,318124385792503
 DF =10
 X² = 5,5061 P(X²) = 0,8549

Input data: PonkrcevK3_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 71
 Best method is
 Method 1 of 3
 k = 1,47549530417335
 p = 0,250353884918772
 DF =12
 X² = 13,1751 P(X²) = 0,3564

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	3,606	11	1	1,239	1	8	9,201	11	1	1,8
2	7	5,37	12	2	0,936	2	11	10,18	12	4	1,408
3	7	5,83	13	1	0,701	3	14	9,443	13	0	1,097
4	6	5,545	14	0	0,522	4	5	8,201	14	1	0,853
5	5	4,9	15	1	0,386	5	6	6,879	15	0	0,661
6	2	4,133	16	0	0,284	6	4	5,647	16	0	0,511
7	5	3,374	17	1	0,753	7	5	4,569	17	2	0,395
8	1	2,69				8	5	3,658	18	0	0,304
9	1	2,106				9	3	2,905	19	1	0,234

10 2 1,625

Input data: Hlapec_2er.dat
Distribution: Negative binomial (k,p)
Sample size: 1493
Best method is
Method 3 of 3
min.size: 160
k = 1,97220204181538
p = 0,279754392286316
DF =3
X² = 28,9053 P(X²) = 0,0000
C = 0,0194

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	95	121,1	21	3	3,333
2	206	172	22	0	2,511
3	135	184,1	23	0	1,889
4	126	175,5	24	0	1,418
5	170	157,1	25	1	1,063
6	143	135,2	26	1	0,795
7	128	113,2	27	0	0,594
8	113	92,82	28	0	0,443
9	95	74,97	29	0	0,33
10	65	59,83	30	0	0,246
11	51	47,28	31	0	0,183
12	31	37,07	32	0	0,136
13	36	28,86	33	2	0,101
14	23	22,34	34	0	0,075
15	17	17,21	35	0	0,055
16	13	13,2	36	1	0,041
17	8	10,08	37	0	0,03
18	16	7,677	38	0	0,022
19	5	5,828	39	1	0,017
20	7	4,413	40	0	0,012

10 0 2,293 20 0 0,18
21 1 0,586

Input data: Hlapeck1_2er.dat*
Distribution: Negative binomial (k,p)
Sample size: 47
Best method is
Method 1 of 3
Parameters:
k = 2,61467694255885
p = 0,325244905405206
DF =12
X² = 12,8750 P(X²) = 0,3782
C = 0,2739

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
41	0	0,009	1	2	2,493
42	0	0,007	2	4	4,398
43	0	0,005	3	4	5,363
44	0	0,004	4	4	5,567
45	0	0,003	5	8	5,273
46	0	0,002	6	5	4,707
47	0	0,001	7	9	4,03
48	0	0,001	8	3	3,347
49	1	0,003	9	0	2,714
			10	1	2,16
			11	2	1,693
			12	1	1,31
			13	0	1,003
			14	1	0,761
			15	0	0,572
			16	1	0,428
			17	0	0,318
			18	0	0,235
			19	0	0,173
			20	1	0,126
			21	1	0,331

Input data: Hlapeck2_2er.dat
Distribution: Negative binomial (k,p)
Sample size: 92
Best method is
Method 1 of 3
Parameters:
k = 1,6928210072737
p = 0,26730710041368
DF =13
X² = 18,5506 P(X²) = 0,1377

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	9,859	11	2	2,527
2	24	12,23	12	2	1,968
3	9	12,06	13	2	1,525
4	9	10,88	14	2	1,177
5	7	9,352	15	0	0,905
6	6	7,802	16	1	0,694
7	8	6,376	17	0	0,53
8	7	5,134	18	2	1,667
9	2	4,088			

Input data: Hlapeck3_2er.dat
Distribution: Negative binomial (k,p)
Sample size: 90
Best method is
Method 1 of 3
Parameters:
k = 2,00028506193519
p = 0,284359290295671
DF =14
X² = 18,8711 P(X²) = 0,1699

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	7,275	11	2	2,821
2	13	10,41	12	1	2,203
3	15	11,18	13	2	1,708
4	3	10,67	14	0	1,316
5	9	9,544	15	0	1,009
6	10	8,197	16	1	0,77
7	9	6,844	17	0	0,586
8	7	5,597	18	2	0,444
9	9	4,507	19	0	0,335

10 4 3,226

10 1 3,584 20 0 0,253

Input data: Hlapeck4_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 61
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,51923050283078
 p = 0,235636362142516
 DF =13
 $X^2 = 17,0569$ $P(X^2) = 0,1967$

Input data: Hlapeck5_2er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 81
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,85405424252144
 p = 0,296602465321842
 DF =12
 $X^2 = 5,3079$ $P(X^2) = 0,9469$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
0	2	6,7861	21	0	0,1341	42	0	0,0007	1	8	8,5088
1	12	7,8803	22	0	0,105	43	0	0,0005	2	15	11,097
2	11	7,5872	23	0	0,082	44	0	0,0004	3	9	11,138
3	6	6,8031	24	0	0,0641	45	0	0,0003	4	7	10,065
4	6	5,8751	25	0	0,05	46	0	0,0002	5	10	8,5915
5	3	4,957	26	0	0,039	47	0	0,0002	6	8	7,0755
6	4	4,1169	27	0	0,0304	48	1	0,0006	7	4	5,6853
7	3	3,3802	28	0	0,0236				8	6	4,4869
8	4	2,7514	29	0	0,0184				9	5	3,493
9	1	2,2244	30	0	0,0143				10	2	2,6901
10	0	1,7885	31	0	0,0111				11	2	2,0538
11	0	1,4316	32	1	0,0086				12	1	1,5568
12	2	1,1416	33	0	0,0067				13	1	1,173
13	0	0,9075	34	0	0,0052				14	1	0,8793
14	4	0,7194	35	0	0,004				15	0	0,6562
15	0	0,5689	36	0	0,0031				16	0	0,4879
16	0	0,4489	37	0	0,0024				17	1	0,3615
17	1	0,3536	38	0	0,0019				18	0	0,267
18	0	0,2781	39	0	0,0015				19	1	0,733
19	0	0,2184	40	0	0,0011						
20	0	0,1713	41	0	0,0009						

Input data: Hlapeck6_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 81
 Best method is
 Method 1 of 3
 k = 2,1848371906582
 p = 0,318323705429806
 DF =12
 $X^2 = 14,7217$ $P(X^2) = 0,2570$

Input data: Hlapeck7_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 79
 Best method is
 Method 1 of 3
 k = 2,57298475897223
 p = 0,323140297245399
 DF =13
 $X^2 = 7,6464$ $P(X^2) = 0,8658$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	6,643	11	2	2,279	1	2	4,318	12	2	2,176
2	16	9,893	12	0	1,721	2	11	7,52	13	2	1,666
3	9	10,74	13	1	1,289	3	9	9,094	14	2	1,264
4	10	10,21	14	3	0,959	4	8	9,382	15	0	0,952
5	12	9,023	15	2	0,709	5	12	8,848	16	0	0,712
6	6	7,608	16	0	0,521	6	6	7,873	17	1	0,529
7	8	6,211	17	0	0,382	7	4	6,726	18	1	0,391
8	4	4,95	18	2	1	8	6	5,575	19	0	0,288
9	3	3,874				9	6	4,516	20	0	0,211
10	1	2,989				10	2	3,591	21	1	0,556

Input data: Hlapeck8_2er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 120
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,29896129082055
 p = 0,28267838389784
 DF =15
 X² = 11,3308 P(X²) = 0,7288

X[i]	F[i]	NP[i]
1	10	6,5724
2	13	10,839
3	9	12,824
4	13	13,182
5	12	12,527
6	10	11,32
7	11	9,878
8	10	8,4006
9	7	7,0043
10	7	5,7495
11	7	4,66
12	3	3,7374
13	1	2,9711
14	1	2,3442
15	1	1,8376
16	3	1,4323
17	0	1,1108
18	1	0,8577
19	1	2,7526

11 4
 Input data: Hlapeck9_2er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 65
 Best method is
 Method 1 of 3
 min. size: 5
 k = 4,9532133918615
 p = 0,431945672689401
 DF =6
 X² = 6,5419 P(X²) = 0,3653

X[i]	F[i]	NP[i]
1	2	1,0165
2	4	2,8602
3	5	4,8362
4	5	6,3673
5	7	7,1917
6	8	7,3153
7	2	6,8934
8	9	6,1272
9	3	5,2006
10	6	4,2518
11	3	3,3701
12	0	2,6024
13	7	1,9653
14	3	1,4559
15	0	1,0605
16	0	0,7612
17	0	0,5393
18	1	1,1852

2,813
 Input data: Hlapeck10_2er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 120
 Best method is
 Method 1 of 3
 min. size: 15
 k = 1,6827334453395
 p = 0,290615483967431
 DF =2
 X² = 5,6341 P(X²) = 0,0598

X[i]	F[i]	NP[i]
1	16	15
2	23	17,906
3	17	17,038
4	3	14,837
5	14	12,322
6	11	9,9343
7	6	7,8491
8	11	6,1111
9	7	4,7051
10	6	3,5909
11	1	2,7213
12	3	2,0502
13	0	1,5372
14	0	1,1477
15	0	0,8539
16	0	0,6333
17	0	0,4684
18	0	0,3456
19	0	0,2545
20	2	0,6954

Input data: Hlapec K11_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 80
 Best method is
 Method 1 of 3
 Parameters:
 k = 3,08773876657645
 p = 0,368855965519213
 DF =13
 $X^2 = 17,0833$ $P(X^2) = 0,1955$

X[i]	F[i]	NP[i]	X[i]*
1	9	3,678	1
2	8	7,169	2
3	5	9,247	3
4	6	9,898	4
5	7	9,508	5
6	9	8,506	6
7	12	7,237	7
8	5	5,93	8
9	7	4,719	9
10	4	3,669	10
11	2	2,799	11
12	2	2,102	12
13	1	1,558	13
14	1	1,141	14
15	1	0,828	15
16	0	0,595	16
17	1	1,418	17
			18
			19
			20

Input data: HlapecK12_2er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 80
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,37587961342991
 p = 0,272851957346445
 DF =16
 $X^2 = 7,2722$ $P(X^2) = 0,9677$

F[i]	NP[i]	X[i]	F[i]	NP[i]
3	3,655	21	1	0,341
7	6,315	22	0	0,264
4	7,751	23	0	0,204
6	8,221	24	0	0,157
12	8,034	25	0	0,121
8	7,449	26	0	0,093
7	6,659	27	0	0,071
5	5,794	28	0	0,054
6	4,938	29	0	0,041
3	4,139	30	0	0,032
4	3,424	31	0	0,024
3	2,801	32	0	0,018
2	2,27	33	0	0,014
2	1,826	34	0	0,011
3	1,458	35	0	0,008
1	1,157	36	0	0,006
0	0,914	37	0	0,005
2	0,718	38	0	0,003
0	0,562	39	1	0,01
0	0,439			

Input data: HlapecK13_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 126
 Best method is
 Method 1 of 3

X[i]	F[i]	NP[i]	X[i]
1	9	8,094	11
2	18	12,44	12
3	8	14,08	13
4	13	14,04	14
5	10	13,05	15
6	14	11,6	16
7	12	10	17
8	7	8,431	18
9	7	6,985	19
10	7	5,708	20

Parameters:
 k = 2,11322683738949
 p = 0,272792094925072
 DF =1
 $X^2 = 9,9564$ $P(X^2) = 0,8689$

F[i]	NP[i]	X[i]	F[i]	NP[i]
5	4,613	21	0	0,391
3	3,694	22	0	0,299
5	2,935	23	0	0,229
2	2,317	24	0	0,174
2	1,819	25	0	0,133
1	1,421	26	1	0,412
1	1,105			
0	0,857			
0	0,661			
1	0,509			

Input data: HlapeckK14_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 61
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,35042642064184
 p = 0,260150340232472
 DF =15
 X² = 14,2122 P(X²) = 0,5095

X[i]	F[i]	NP[i]
1	2	2,5755
2	6	4,4787
3	1	5,5509
4	5	5,9555
5	6	5,8937
6	8	5,5381
7	5	5,0196
8	6	4,4302
9	7	3,831
10	3	3,2596
11	3	2,7373
12	1	2,2738
13	1	1,8716
14	0	1,5285
15	0	1,24
16	2	1
17	1	0,8023
18	0	0,6407
19	1	0,5096
20	2	0,4038

Input data: HlapeckK15_2er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 107
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,43870061129155
 p = 0,280934819041103
 DF =15
 X² = 14,5344 P(X²) = 0,4854

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	0	0,3189	1	7	4,8384
2	0	0,2511	2	12	8,4845
3	0	0,1972	3	8	10,49
4	0	0,1545	4	8	11,16
5	0	0,1207	5	15	10,911
6	0	0,0941	6	10	10,103
7	0	0,0733	7	8	9,0069
8	0	0,0569	8	5	7,8076
9	0	0,0441	9	5	6,6238
10	0	0,0342	10	7	5,5244
11	0	0,0264	11	5	4,5439
12	0	0,0204	12	5	3,6947
13	0	0,0157	13	6	2,9752
14	0	0,0121	14	1	2,3762
15	0	0,0093	15	1	1,8842
16	1	0,0305	16	2	1,4848
17			17	1	1,1637
18			18	1	3,9281

Input data: HlapeckK16_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 84
 Best method is
 Method 1 of 3

Parameters:
 k = 2,24792903594645
 p = 0,267680686149132
 DF =16
 X² = 13,2164 P(X²) = 0,6569

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	4	4,341	11	2	3,439	21	0	0,34	31	0	0,024
2	6	7,146	12	2	2,804	22	0	0,264	32	0	0,019
3	5	8,499	13	0	2,267	23	0	0,204	33	1	0,059
4	11	8,813	14	0	1,82	24	0	0,158			
5	8	8,467	15	2	1,451	25	0	0,121			
6	10	7,748	16	1	1,151	26	0	0,093			
7	8	6,855	17	0	0,909	27	0	0,072			
8	5	5,915	18	3	0,714	28	0	0,055			
9	9	5,007	19	1	0,56	29	0	0,042			
10	5	4,175	20	1	0,437	30	0	0,032			

Input data: Hlapeck17_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 98
 Best method is
 Method 1 of 3
 Parameters:
 k = 3,28789863184259
 p = 0,364526935333901
 DF =13
 X² = 16,5743 P(X²) = 0,2195

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	6	3,55	11	5	3,943
2	12	7,417	12	2	3,027
3	5	10,11	13	2	2,29
4	8	11,32	14	4	1,711
5	14	11,31	15	1	1,265
6	9	10,47	16	0	0,927
7	10	9,194	17	1	2,335
8	11	7,752			
9	4	6,335			
10	4	5,049			

Input data: Hlapeck18_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 21
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,67281353865297
 p = 0,280739554252786
 DF =10
 X² = 9,8108 P(X²) = 0,4572

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	0,704	11	0	1,001
2	2	1,354	12	0	0,83
3	2	1,788	13	1	0,68
4	1	2,003	14	0	0,552
5	1	2,043	15	0	0,444
6	2	1,961	16	0	0,355
7	1	1,804	17	1	0,282
8	3	1,608	18	0	0,223
9	4	1,398	19	1	0,777
10	1	1,193			

Input data: Valpet_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 585
 Best method is
 Method 1 of 3
 min. size: 60
 k = 2,51337022625637
 p = 0,305314522471673
 DF =4
 X² = 8,3540 P(X²) = 0,0794

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	22	29,66	21	2	1,546
2	41	51,78	22	4	1,151
3	69	63,19	23	0	0,855
4	71	66,04	24	2	0,633
5	54	63,24	25	1	0,467
6	80	57,23	26	1	0,344
7	49	49,78	27	0	0,253
8	35	42,06	28	1	0,186
9	34	34,75	29	0	0,136
10	19	28,2	30	0	0,099
11	27	22,55	31	1	0,073
12	12	17,82	32	1	0,192
13	15	13,94			
14	8	10,81			
15	9	8,323			
16	8	6,365			
17	11	4,84			
18	6	3,662			
19	1	2,758			
20	1	2,068			

Input data: Pokljuk_2er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 170
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,97201772344463
 p = 0,260122131882509
 DF =23
 X² = 17,2329 P(X²) = 0,7977

X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	3,107	21	3	1,631
2	6	6,832	22	1	1,32
3	11	10,04	23	0	1,064
4	13	12,31	24	1	0,855
5	16	13,6	25	0	0,685
6	13	14,03	26	0	0,546
7	8	13,79	27	2	0,435
8	15	13,08	28	0	0,345
9	13	12,06	29	0	0,274
10	11	10,88	30	0	0,216
11	11	9,637	31	0	0,17
12	8	8,409	32	0	0,134
13	6	7,244	33	0	0,105
14	4	6,173	34	0	0,083
15	9	5,21	35	2	0,291
16	4	4,362			
17	7	3,625			
18	3	2,993			
19	0	2,457			
20	1	2,007			

Input data: Krpan_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 381
 Best method is
 Method 1 of 3

min. size: 10
 $k = 1,91234790170215$
 $p = 0,228990902776571$
 DF = 13
 $X^2 = 20,9370$ $P(X^2) = 0,0742$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	10	22,734	21	3	2,0814	41	0	0,0211
2	38	33,52	22	3	1,6745	42	0	0,0167
3	40	37,633	23	1	1,3446	43	0	0,0131
4	40	37,84	24	0	1,0778	44	0	0,0103
5	46	35,829	25	1	0,8626	45	0	0,0081
6	35	32,665	26	0	0,6894	46	0	0,0064
7	29	29,015	27	1	0,5502	47	0	0,005
8	16	25,287	28	0	0,4385	48	0	0,004
9	17	21,72	29	1	0,3491	49	0	0,0031
10	14	18,444	30	0	0,2776	50	0	0,0024
11	19	15,518	31	0	0,2206	51	0	0,0019
12	9	12,956	32	0	0,1751	52	0	0,0015
13	11	10,749	33	0	0,1388	53	1	0,0054
14	11	8,8692	34	1	0,11			
15	5	7,2839	35	0	0,0871			
16	13	5,9575	36	0	0,0689			
17	10	4,8552	37	0	0,0545			
18	4	3,9443	38	0	0,043			
19	1	3,1952	39	0	0,034			
20	1	2,5819	40	0	0,0268			

Input data: Mackova_3er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 118
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,20800485518336
 p = 0,370852465681297
 DF =11

$X^2 = 9,5822$ $P(X^2) = 0,5683$

X[i]	F[i]	NP[i]
1	11	13,203
2	24	18,341
3	17	18,509
4	12	16,334
5	12	13,38
6	12	10,452
7	5	7,8997
8	9	5,8277
9	6	4,2202
10	3	3,0115
11	4	2,1235
12	1	1,4827
13	0	1,0268
14	1	0,706
15	0	0,4825

Input data: Ponkrcev_3er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 191
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,89737680519092
 p = 0,369891740935568
 DF =11

$X^2 = 16,2247$ $P(X^2) = 0,1330$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	0	0,328	1	26	28,941
2	0	0,222	2	46	34,6
3	0	0,1496	3	30	31,584
4	0	0,1004	4	20	25,854
5	0	0,0672	5	19	19,946
6	1	0,1329	6	16	14,824
7			7	6	10,738
8			8	14	7,6332
9			9	5	5,3492
10			10	1	3,7067
11			11	4	2,5452
12			12	1	1,7346
13			13	1	1,1747
14			14	2	2,3704

PonkrcevK1_3er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 76
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,14238942568815
 p = 0,384934854524855
 DF =9

$X^2 = 10,0676$ $P(X^2) = 0,3450$

X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	12	9,83	1	12	9,83
2	14	12,953	2	14	12,953
3	13	12,518	3	13	12,518
4	6	10,631	4	6	10,631
5	8	8,4062	5	8	8,4062
6	8	6,3517	6	8	6,3517
7	3	4,6505	7	3	4,6505
8	7	3,3272	8	7	3,3272
9	3	2,3387	9	3	2,3387
10	0	1,621	10	0	1,621
11	1	1,1109	11	1	1,1109
12	0	0,7543	12	0	0,7543
13	0	0,5081	13	0	0,5081
14	1	0,9999	14	1	0,9999

Input data:
 PonkrcevK2_3er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 44
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,98327220732961
 p = 0,472144639426735
 DF =7

$X^2 = 6,1472$ $P(X^2) = 0,5227$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	12	14,76	1	12	14,76
2	21	13,74	2	21	13,74
3	8	11,11	3	8	11,11
4	7	8,521	4	7	8,521
5	6	6,363	5	6	6,363
6	7	4,673	6	7	4,673
7	0	3,394	7	0	3,394
8	5	2,445	8	5	2,445
9	0	1,751	9	0	1,751
10	1	1,247	10	1	1,247
11	2	0,886	11	2	0,886
12	0	0,627	12	0	0,627
	1	0,442	13	1	0,442
	1	1,041	14	1	1,041

Input data:
 PonkrcevK3_3er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 71
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,35844857817398
 p = 0,314696329779968
 DF =9

$X^2 = 14,8417$ $P(X^2) = 0,0954$

X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	211	183,7	1	211	183,7
2	225	253,3	2	225	253,3
3	199	250	3	199	250
4	240	214,1	4	240	214,1
5	192	169,4	5	192	169,4
6	144	127,4	6	144	127,4
7	90	92,49	7	90	92,49
8	57	65,41	8	57	65,41
9	50	45,34	9	50	45,34
10	26	30,94	10	26	30,94
11	17	20,84	11	17	20,84
12	20	13,89	12	20	13,89
13	9	9,175	13	9	9,175
14	6	6,014	14	6	6,014

Input data: Hlapec_3er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 1493
 Best method is
 Method 3 of 3
 min. size: 20
 k = 2,31685809172329
 p = 0,404766751363321
 DF =9

$X^2 = 29,1471$ $P(X^2) = 0,0006$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	2,536	31	0	0,003
2	2	1,634	32	0	0,002
3	0	1,048	33	1	0,003
4	0	0,669			
5	0	0,426			
6	0	0,27			
7	2	0,171			
8	0	0,108			
9	1	0,068			
10	0	0,043			
11	1	0,027			
12	0	0,017			
	0	0,01			
	0	0,007			

<p>Input data: Hlapeck1_3er.dat Distribution: Negative binomial (k,p) Sample size: 47 Best method is Method 1 of 3 Parameters: k = 2,68510101010101 p = 0,432091268560362 DF =8 X² = 10,8204 P(X²) = 0,2121</p>	<p style="text-align: center;">15 0 3,917 30</p> <p>Input data: Hlapeck2_3er.dat* Distribution: Negative binomial (k,p) Sample size: 92 Best method is Method 2 of 3 Parameters: k = 1,8547576855455 p = 0,384309759709552 DF =8 X² = 3,6590 P(X²) = 0,8865</p>	<p style="text-align: center;">0 0,004</p> <p>Input data: Hlapeck3_3er.dat# Distribution: Negative binomial (k,p) Sample size: 90 Best method is Method 1 of 3 Parameters: k = 2,08070359403277 p = 0,38947688241946 DF =10 X² = 17,5994 P(X²) = 0,0621</p>																																																																																																																																																																											
<table border="0"> <thead> <tr> <th>X[i]</th><th>F[i]</th><th>NP[i]</th><th>X[i]*</th></tr> </thead> <tbody> <tr><td>1</td><td>6</td><td>4,9383</td><td>1</td></tr> <tr><td>2</td><td>4</td><td>7,5304</td><td>2</td></tr> <tr><td>3</td><td>6</td><td>7,8799</td><td>3</td></tr> <tr><td>4</td><td>11</td><td>6,9887</td><td>4</td></tr> <tr><td>5</td><td>10</td><td>5,6409</td><td>5</td></tr> <tr><td>6</td><td>2</td><td>4,2832</td><td>6</td></tr> <tr><td>7</td><td>3</td><td>3,1156</td><td>7</td></tr> <tr><td>8</td><td>1</td><td>2,1953</td><td>8</td></tr> <tr><td>9</td><td>1</td><td>1,5094</td><td>9</td></tr> <tr><td>10</td><td>0</td><td>1,0177</td><td>10</td></tr> <tr><td>11</td><td>1</td><td>0,6753</td><td>11</td></tr> <tr><td>12</td><td>0</td><td>0,4423</td><td>12</td></tr> <tr><td>13</td><td>0</td><td>0,2864</td><td></td></tr> <tr><td>14</td><td>2</td><td>0,4965</td><td></td></tr> </tbody> </table>	X[i]	F[i]	NP[i]	X[i]*	1	6	4,9383	1	2	4	7,5304	2	3	6	7,8799	3	4	11	6,9887	4	5	10	5,6409	5	6	2	4,2832	6	7	3	3,1156	7	8	1	2,1953	8	9	1	1,5094	9	10	0	1,0177	10	11	1	0,6753	11	12	0	0,4423	12	13	0	0,2864		14	2	0,4965		<table border="0"> <thead> <tr> <th>F[i]</th><th>NP[i]</th><th>X[i]#</th><th>F[i]</th><th>NP[i]</th><th>X[i]</th></tr> </thead> <tbody> <tr><td>15</td><td>15,613</td><td>1</td><td>10</td><td>12,652</td><td>16</td></tr> <tr><td>23</td><td>17,829</td><td>2</td><td>23</td><td>16,072</td><td>17</td></tr> <tr><td>12</td><td>15,668</td><td>3</td><td>7</td><td>15,114</td><td></td></tr> <tr><td>10</td><td>12,395</td><td>4</td><td>15</td><td>12,552</td><td></td></tr> <tr><td>11</td><td>9,2626</td><td>5</td><td>13</td><td>9,7336</td><td></td></tr> <tr><td>6</td><td>6,6778</td><td>6</td><td>12</td><td>7,227</td><td></td></tr> <tr><td>5</td><td>4,6972</td><td>7</td><td>2</td><td>5,207</td><td></td></tr> <tr><td>3</td><td>3,2451</td><td>8</td><td>2</td><td>3,6698</td><td></td></tr> <tr><td>3</td><td>2,2115</td><td>9</td><td>2</td><td>2,5431</td><td></td></tr> <tr><td>1</td><td>1,4909</td><td>10</td><td>0</td><td>1,7391</td><td></td></tr> <tr><td>1</td><td>0,9964</td><td>11</td><td>1</td><td>1,1765</td><td></td></tr> <tr><td>2</td><td>1,9135</td><td>12</td><td>2</td><td>0,7888</td><td></td></tr> <tr><td></td><td></td><td>13</td><td>0</td><td>0,525</td><td></td></tr> <tr><td></td><td></td><td>14</td><td>0</td><td>0,3472</td><td></td></tr> <tr><td></td><td></td><td>15</td><td>0</td><td>0,2283</td><td></td></tr> </tbody> </table>	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	15	15,613	1	10	12,652	16	23	17,829	2	23	16,072	17	12	15,668	3	7	15,114		10	12,395	4	15	12,552		11	9,2626	5	13	9,7336		6	6,6778	6	12	7,227		5	4,6972	7	2	5,207		3	3,2451	8	2	3,6698		3	2,2115	9	2	2,5431		1	1,4909	10	0	1,7391		1	0,9964	11	1	1,1765		2	1,9135	12	2	0,7888				13	0	0,525				14	0	0,3472				15	0	0,2283		<table border="0"> <thead> <tr> <th>F[i]</th><th>NP[i]</th><th>X[i]</th><th>F[i]</th><th>NP[i]</th></tr> </thead> <tbody> <tr><td>10</td><td>12,652</td><td>16</td><td>0</td><td>0,1494</td></tr> <tr><td>23</td><td>16,072</td><td>17</td><td>1</td><td>0,2751</td></tr> </tbody> </table>	F[i]	NP[i]	X[i]	F[i]	NP[i]	10	12,652	16	0	0,1494	23	16,072	17	1	0,2751
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23	16,072	17	1	0,2751																																																																																																																																																																									

<p>Input data: Hlapeck4_3er.dat Distribution: Negative binomial (k,p) Sample size: 61 Best method is Method 1 of 3 Parameters: k = 1,14803501800942 p = 0,269986015537961 DF =9 X² = 8,2495 P(X²) = 0,5092</p>	<p>Input data: Hlapeck5_3er.dat* Distribution: Negative binomial (k,p) Sample size: 81 Best method is Method 1 of 3 Parameters: k = 1,64708929576332 p = 0,372319485731272 DF =9 X² = 9,0079 P(X²) = 0,4365</p>	<p>Hlapeck6_3er.dat# Distribution: Negative binomial (k,p) Sample size: 81 Best method is Method 1 of 3 Parameters: k = 2,20373294310893 p = 0,409934040023248 DF =8 X² = 6,5747 P(X²) = 0,5831</p>																																																																																																																																																																																																																																															
<table border="0"> <thead> <tr> <th>X[i]</th><th>F[i]</th><th>NP[i]</th><th>X[i]</th><th>F[i]</th><th>NP[i]</th></tr> </thead> <tbody> <tr><td>1</td><td>10</td><td>13,57</td><td>16</td><td>0</td><td>0,194</td></tr> <tr><td>2</td><td>15</td><td>11,37</td><td>17</td><td>0</td><td>0,143</td></tr> <tr><td>3</td><td>8</td><td>8,915</td><td>18</td><td>0</td><td>0,106</td></tr> <tr><td>4</td><td>7</td><td>6,829</td><td>19</td><td>0</td><td>0,078</td></tr> <tr><td>5</td><td>6</td><td>5,17</td><td>20</td><td>0</td><td>0,057</td></tr> <tr><td>6</td><td>5</td><td>3,886</td><td>21</td><td>0</td><td>0,042</td></tr> <tr><td>7</td><td>1</td><td>2,907</td><td>22</td><td>1</td><td>0,031</td></tr> <tr><td>8</td><td>0</td><td>2,167</td><td>23</td><td>0</td><td>0,023</td></tr> <tr><td>9</td><td>2</td><td>1,611</td><td>24</td><td>0</td><td>0,017</td></tr> <tr><td>10</td><td>4</td><td>1,195</td><td>25</td><td>0</td><td>0,012</td></tr> <tr><td>11</td><td>0</td><td>0,886</td><td>26</td><td>0</td><td>0,009</td></tr> <tr><td>12</td><td>1</td><td>0,655</td><td>27</td><td>0</td><td>0,007</td></tr> <tr><td>13</td><td>0</td><td>0,484</td><td>28</td><td>0</td><td>0,005</td></tr> <tr><td>14</td><td>0</td><td>0,358</td><td>29</td><td>0</td><td>0,004</td></tr> </tbody> </table>	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	1	10	13,57	16	0	0,194	2	15	11,37	17	0	0,143	3	8	8,915	18	0	0,106	4	7	6,829	19	0	0,078	5	6	5,17	20	0	0,057	6	5	3,886	21	0	0,042	7	1	2,907	22	1	0,031	8	0	2,167	23	0	0,023	9	2	1,611	24	0	0,017	10	4	1,195	25	0	0,012	11	0	0,886	26	0	0,009	12	1	0,655	27	0	0,007	13	0	0,484	28	0	0,005	14	0	0,358	29	0	0,004	<table border="0"> <thead> <tr> <th>X[i]</th><th>F[i]</th><th>NP[i]</th><th>X[i]#</th><th>F[i]</th><th>NP[i]</th></tr> </thead> <tbody> <tr><td>31</td><td>0</td><td>0,002</td><td>1</td><td>19</td><td>15,91</td></tr> <tr><td>32</td><td>0</td><td>0,001</td><td>2</td><td>13</td><td>16,45</td></tr> <tr><td>33</td><td>1</td><td>0,004</td><td>3</td><td>16</td><td>13,67</td></tr> <tr><td></td><td></td><td></td><td>4</td><td>9</td><td>10,43</td></tr> <tr><td></td><td></td><td></td><td>5</td><td>5</td><td>7,605</td></tr> <tr><td></td><td></td><td></td><td>6</td><td>10</td><td>5,391</td></tr> <tr><td></td><td></td><td></td><td>7</td><td>4</td><td>3,749</td></tr> <tr><td></td><td></td><td></td><td>8</td><td>1</td><td>2,571</td></tr> <tr><td></td><td></td><td></td><td>9</td><td>2</td><td>1,744</td></tr> <tr><td></td><td></td><td></td><td>10</td><td>0</td><td>1,173</td></tr> <tr><td></td><td></td><td></td><td>11</td><td>0</td><td>0,784</td></tr> <tr><td></td><td></td><td></td><td>12</td><td>1</td><td>0,521</td></tr> <tr><td></td><td></td><td></td><td>13</td><td>1</td><td>1,001</td></tr> </tbody> </table>	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]	31	0	0,002	1	19	15,91	32	0	0,001	2	13	16,45	33	1	0,004	3	16	13,67				4	9	10,43				5	5	7,605				6	10	5,391				7	4	3,749				8	1	2,571				9	2	1,744				10	0	1,173				11	0	0,784				12	1	0,521				13	1	1,001	<table border="0"> <thead> <tr> <th>F[i]</th><th>NP[i]</th><th>X[i]#</th><th>F[i]</th><th>NP[i]</th></tr> </thead> <tbody> <tr><td>19</td><td>15,91</td><td>1</td><td>10</td><td>11,35</td></tr> <tr><td>13</td><td>16,45</td><td>2</td><td>17</td><td>14,76</td></tr> <tr><td>16</td><td>13,67</td><td>3</td><td>14</td><td>13,95</td></tr> <tr><td>9</td><td>10,43</td><td>4</td><td>14</td><td>11,53</td></tr> <tr><td>5</td><td>7,605</td><td>5</td><td>11</td><td>8,855</td></tr> <tr><td>10</td><td>5,391</td><td>6</td><td>4</td><td>6,483</td></tr> <tr><td>4</td><td>3,749</td><td>7</td><td>2</td><td>4,593</td></tr> <tr><td>1</td><td>2,571</td><td>8</td><td>1</td><td>3,176</td></tr> <tr><td>2</td><td>1,744</td><td>9</td><td>2</td><td>2,156</td></tr> <tr><td>0</td><td>1,173</td><td>10</td><td>4</td><td>1,442</td></tr> <tr><td>0</td><td>0,784</td><td>11</td><td>0</td><td>0,954</td></tr> <tr><td>1</td><td>0,521</td><td>12</td><td>2</td><td>1,747</td></tr> </tbody> </table>	F[i]	NP[i]	X[i]#	F[i]	NP[i]	19	15,91	1	10	11,35	13	16,45	2	17	14,76	16	13,67	3	14	13,95	9	10,43	4	14	11,53	5	7,605	5	11	8,855	10	5,391	6	4	6,483	4	3,749	7	2	4,593	1	2,571	8	1	3,176	2	1,744	9	2	2,156	0	1,173	10	4	1,442	0	0,784	11	0	0,954	1	0,521	12	2	1,747
X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]																																																																																																																																																																																																																																												
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			9	2	1,744																																																																																																																																																																																																																																												
			10	0	1,173																																																																																																																																																																																																																																												
			11	0	0,784																																																																																																																																																																																																																																												
			12	1	0,521																																																																																																																																																																																																																																												
			13	1	1,001																																																																																																																																																																																																																																												
F[i]	NP[i]	X[i]#	F[i]	NP[i]																																																																																																																																																																																																																																													
19	15,91	1	10	11,35																																																																																																																																																																																																																																													
13	16,45	2	17	14,76																																																																																																																																																																																																																																													
16	13,67	3	14	13,95																																																																																																																																																																																																																																													
9	10,43	4	14	11,53																																																																																																																																																																																																																																													
5	7,605	5	11	8,855																																																																																																																																																																																																																																													
10	5,391	6	4	6,483																																																																																																																																																																																																																																													
4	3,749	7	2	4,593																																																																																																																																																																																																																																													
1	2,571	8	1	3,176																																																																																																																																																																																																																																													
2	1,744	9	2	2,156																																																																																																																																																																																																																																													
0	1,173	10	4	1,442																																																																																																																																																																																																																																													
0	0,784	11	0	0,954																																																																																																																																																																																																																																													
1	0,521	12	2	1,747																																																																																																																																																																																																																																													

15 0 0,264 30 0
 Input data: HlapecK7_3er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 79
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,7172210186454
 p = 0,436802729619885
 DF =9
 X² = 5,2844 P(X²) = 0,8088

X[i]	F[i]	NP[i]
1	7	8,3215
2	15	12,735
3	15	13,33
4	11	11,805
5	8	9,5027
6	8	7,19
7	3	5,2083
8	5	3,6529
9	4	2,4989
10	0	1,6759
11	0	1,106
12	2	0,7201
13	0	0,4636
14	1	0,7902

0,003
 Input data: HlapecK8_3er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 120
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,97394112317173
 p = 0,460927857869723
 DF =9
 X² = 10,0099 P(X²) = 0,3497

X[i]	F[i]	NP[i]
1	17	11,991
2	15	19,223
3	21	20,59
4	14	18,403
5	19	14,816
6	9	11,14
7	9	7,9811
8	8	5,5156
9	1	3,707
10	2	2,4366
11	3	1,5728
12	1	1
13	1	1,6234

Input data: HlapecK9_3er.dat
 Distribution: Negative
 binomial (k,p)
 Sample size: 65
 Best method is
 Method 1 of 3
 min. size: 5
 k = 5,98353473287013
 p = 0,581171440925577
 DF =4
 X² = 3,7424 P(X²) = 0,4420

X[i]	F[i]	NP[i]
1	6	2,5271
2	5	6,3331
3	8	9,2618
4	12	10,323
5	6	9,7102
6	8	8,1204
7	7	6,226
8	2	4,4641
9	10	3,0344
10	0	1,9746
11	0	1,2392
12	1	1,7862

Input data: HlapecK10_3er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 120
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,74112829106211
 p = 0,391607393376591
 DF =2
 X² = 5,4035 P(X²) = 0,0671

X[i]	F[i]	NP[i]	X[i]*
1	28	23,458	1
2	28	24,848	2
3	8	20,72	3
4	20	15,72	4
5	15	11,336	5
6	9	7,9189	6
7	6	5,4129	7
8	4	3,6418	8
9	0	2,4209	9
10	0	1,5942	10
11	0	1,0418	11
12	0	0,6765	
13	2	1,2122	

Input data: HlapecK11_3er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 80
 Best method is
 Method 1 of 3
 Parameters:
 k = 5,14905795602438
 p = 0,614155761917492
 DF =8
 X² = 10,0674 P(X²) = 0,2603

F[i]	NP[i]	X[i]#	F[i]
11	6,5002	1	8
11	12,914	2	6
7	15,32	3	11
15	14,086	4	15
15	11,073	5	10
9	7,8176	6	8
4	5,1022	7	7
4	3,1355	8	3
2	1,8373	9	4
1	1,0357	10	3
1	1,1787	11	1
		12	2
		13	0
		14	1
		15	0

HlapecK12_3er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 80
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,22872446656517
 p = 0,353407579746789
 DF =11
 X² = 5,7188 P(X²) = 0,8915

NP[i]	X[i]	F[i]	NP[i]
7,8763	16	0	0,3091
11,35	17	0	0,2152
11,848	18	0	0,1492
10,798	19	0	0,1031
9,1269	20	0	0,0709
7,3516	21	0	0,0487
5,727	22	0	0,0333
4,353	23	0	0,0228
3,2469	24	0	0,0155
2,3861	25	0	0,0105
1,7324	26	1	0,022
1,2453			
0,8876			
0,6282			
0,4418			

Input data: HlapecK13_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 126
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,51634832622245
 p = 0,410692570573192
 DF =11
 X² = 5,1618 P(X²) = 0,9231

X[i]	F[i]	NP[i]	X[i]	F[i]
1	17	13,42	16	0
2	18	19,9	17	1
3	15	20,62		
4	22	18,3		
5	15	14,87		
6	11	11,42		
7	10	8,431		
8	5	6,045		
9	5	4,237		
10	4	2,918		
11	1	1,98		
12	1	1,328		
13	0	0,881		
14	1	0,58		
15	0	0,379		

Input data: HlapecK14_3er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 61
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,13757291399949
 p = 0,331685963527673
 DF =11
 X² = 17,6443 P(X²) = 0,0902

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	8	5,766	16	0,246	1
2	1	8,237	17	0,438	2
3	9	8,636	18		3
4	10	7,96	19		4
5	7	6,833	20		5
6	11	5,605	21		6
7	4	4,456	22		7
8	3	3,462	23		8
9	1	2,643	24		9
10	0	1,99			10
11	3	1,481			11
12	0	1,092			12
13	2	0,799			13
14	1	0,581			14
15	0	0,42			15

HlapecK15_3er.dat#
 Distribution: Negative binomial (k,p)
 Sample size: 107
 Best method is
 Method 1 of 3
 Parameters:
 k = 3,12288306404763
 p = 0,450744689384621
 DF =9
 X² = 8,5809 P(X²) = 0,4768

X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	0	0,302	1	14	8,885
2	0	0,216	2	13	15,24
3	0	0,154	3	15	17,26
4	0	0,109	4	18	16,18
5	0	0,078	5	12	13,61
6	0	0,055	6	6	10,65
7	0	0,039	7	10	7,917
8	0	0,027	8	7	5,667
9	1	0,063	9	6	3,939
10			10	2	2,674
11			11	2	1,78
12			12	2	3,205

Input data: HlapecK16_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 84
 Best method is
 Method 3 of 3
 Parameters:
 k = 2,25306174002574
 p = 0,358906396497543
 DF =11
 X² = 12,2291 P(X²) = 0,3467

X[i]	F[i]	NP[i]
1	8	8,3488
2	7	12,059
3	13	12,575
4	16	11,429
5	11	9,6223
6	11	7,7148
7	5	5,9788
8	4	4,5191
9	0	3,351
10	2	2,4474
11	1	1,7656
12	3	1,2609
13	2	0,8927
14	0	0,6275
15	0	0,4383

Input data: HlapecK17_3er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 98
 Best method is
 Method 1 of 3
 Parameters:
 k = 4,40243679366949
 p = 0,562574489937977
 DF =8
 X² = 14,3026 P(X²) = 0,0742

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
16	0	0,3045	1	15	7,7877
17	0	0,2105	2	8	14,997
18	0	0,1449	3	13	17,72
19	0	0,0993	4	18	16,542
20	0	0,0679	5	16	13,391
21	0	0,0463	6	9	9,8437
22	1	0,0966	7	7	6,7476
			8	4	4,3862
			9	4	2,7347
			10	3	1,6484
			11	1	2,2008

Input data: Hlapeck18_3er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 21
 Best method is
 Method 3 of 3
 Parameters:
 k = 4,69613852412938
 p = 0,530505825477917
 DF =6

$X^2 = 9,1867$ $P(X^2) = 0,1633$

X[i]	F[i]	NP[i]
1	36	59,19
2	96	89,58
3	94	94,29
4	111	84,75
5	69	69,67
6	49	54,06
7	34	40,29
8	24	29,14
9	19	20,59
10	13	14,29
11	11	9,772
12	14	6,599
13	2	4,411
14	2	2,922
15	4	1,921

Input data: Valpet_3er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 585
 Best method is
 Method 1 of 3
 min. size: 70
 k = 2,55857609975561
 p = 0,408455765931543
 DF =2

$X^2 = 7,5782$ $P(X^2) = 0,0226$

X[i]	F[i]	NP[i]
1	5	7,294
2	14	14,65
3	24	19,28
4	18	20,93
5	15	20,31
6	21	18,3
7	18	15,64
8	12	12,86
9	9	10,25
10	10	7,972
11	9	6,079
12	5	4,559
13	0	3,372
14	4	2,464
15	1	1,781

Input data: Pokljuk_3er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 170
 Best method is
 Method 1 of 3
 Parameters:
 k = 3,21776039702798
 p = 0,375851543167743
 DF =15

$X^2 = 11,7030$ $P(X^2) = 0,7014$

X[i]	F[i]	NP[i]
1	1,276	1,07
2	0,907	2,359
3	0,64	3,154
4	0,449	3,305
5	0,313	2,986
6	0,217	2,438
7	0,15	1,85
8	0,103	1,327
9	0,218	0,911
10		0,603
11		0,388
12		0,243
13		0,366

Input data: Krpan_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 381
 Best method is
 Method 1 of 3

min. size: 60
 k = 1,66601820807216
 p = 0,277810576148601
 DF =1

$X^2 = 3,1322$ $P(X^2) = 0,0768$

X[i]	F[i]	NP[i]
1	26	45,1
2	62	54,27
3	69	52,24
4	52	46,1
5	40	38,84
6	22	31,79
7	20	25,5
8	22	20,17
9	15	15,78
10	12	12,24
11	18	9,428
12	9	7,221
13	1	5,504
14	4	4,179
15	4	3,162

Input data: Mackova_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 118
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,11789733067455
 p = 0,43177689112974
 DF =8

$X^2 = 5,0821$ $P(X^2) = 0,7488$

X[i]	F[i]	NP[i]	X[i]
1	21	19,93	16
2	26	23,98	
3	17	21,24	
4	16	16,57	
5	12	12,04	
6	10	8,374	
7	7	5,645	
8	6	3,72	
9	1	2,409	
10	0	1,539	
11	1	0,972	
12	0	0,609	
13	0	0,378	
14	0	0,233	
15	0	0,143	

Input data: Ponkrcev_4er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 191
 Best method is
 Method 2 of 3
 Parameters:
 k = 2,21407963080082
 p = 0,481842697966166
 DF =8

$X^2 = 10,4787$ $P(X^2) = 0,2330$

X[i]*	F[i]	NP[i]	X[i]*
1	37	0,221	1
2	50		2
3	35		3
4	24		4
5	13		5
6	18		6
7	6		7
8	1		8
9	4		9
10	2		10
11	1		11

PonkrcevK1_4er.dat#
 Distribution: Negative binomial (k,p)
 Sample size: 76
 Best method is
 Method 1 of 3
 Parameters:
 k = 3,11021123217924
 p = 0,553816422441977
 DF =6

$X^2 = 6,8700$ $P(X^2) = 0,3330$

X[i]#	F[i]	NP[i]	X[i]#
1	14	12,1	1
2	19	16,79	2
3	12	15,39	3
4	8	11,7	4
5	9	7,973	5
6	9	5,059	6
7	3	3,051	7
8	0	1,772	8
9	1	0,999	9
10	1	1,176	10

Input data: PonkrcevK2_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 44
 Best method is
 Method 2 of 3

Parameters:
 k = 5,52503875276456
 p = 0,688664240905572
 DF =5
 $X^2 = 6,2193$ $P(X^2) = 0,2855$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	4	5,603	4	6	7,645	7	2	1,643
2	12	9,638	5	1	5,073	8	1	0,842
3	13	9,79	6	4	3,009	9	1	0,756

Input data:
 PonkrcevK3_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 71
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,3580340475317
 p = 0,39004231764512
 DF =6
 X² = 3,7458 P(X²) = 0,7110

Hlapec_4er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 1493
 Best method is
 Method 2 of 3
 min. size: 20
 k = 2,56389962031571
 p = 0,51381264962024
 DF =6
 X² = 28,1743 P(X²) = 0,0001
 C = 0,0189

Input data:
 HlapecK1_4er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 47
 Best method is
 Method 1 of 3
 Parameters:
 k = 3,35228210547504
 p = 0,564116223589795
 DF =6
 X² = 8,7118 P(X²) = 0,1904

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	19	19,77	1	301	270,8	16	0	0,306	1	6	6,896
2	19	16,38	2	261	337,5	17	2	0,163	2	8	10,08
3	10	11,78	3	313	292,4	18	1	0,087	3	13	9,558
4	10	8,04	4	241	216,3	19	0	0,046	4	12	7,433
5	3	5,343	5	160	146,3	20	1	0,024	5	1	5,145
6	5	3,493	6	82	93,35	21	0	0,013	6	3	3,298
7	1	2,257	7	59	57,22	22	0	0,007	7	1	2,001
8	0	1,447	8	30	34,03	23	0	0,003	8	1	1,165
9	2	0,922	9	24	19,78	24	0	0,002	9	0	0,657
10	1	0,585	10	12	11,29	25	1	0,002	10	1	0,361
11	1	0,992	11	3	6,347				11	1	0,407
			12	0	3,524						
			13	2	1,937						
			14	0	1,055						
			15	0	0,57						

Input data: HlapecK2_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 92
 Best method is
 Method 1 of 3
 k = 1,7432753055728
 p = 0,457340490725526
 DF =6
 X² = 5,2711 P(X²) = 0,5095

Input data: HlapecK3_4er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 90
 Best method is
 Method 2 of 3
 k = 2,63681222726309
 p = 0,538578245027249
 DF =6
 X² = 2,9910 P(X²) = 0,8100

HlapecK4_4er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 61
 Best method is
 Method 1 of 3
 k = 1,17481927083593
 p = 0,359002028223938
 DF =6
 X² = 9,0890 P(X²) = 0,1686

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	29	23,52	1	18	17,6	1	14	18,31	16	0	0,041
2	18	22,25	2	18	21,42	2	17	13,79	17	1	0,026
3	13	16,56	3	19	17,97	3	9	9,61	18	0	0,017
4	15	11,22	4	16	12,82	4	7	6,519	19	0	0,011
5	6	7,217	5	10	8,334	5	5	4,361	20	0	0,007
6	4	4,499	6	3	5,104	6	0	2,893	21	0	0,005
7	4	2,744	7	2	2,998	7	2	1,909	22	0	0,003
8	1	1,647	8	1	1,707	8	4	1,254	23	0	0,002
9	2	2,339	9	2	0,949	9	1	0,821	24	0	0,001
			10	0	0,517	10	0	0,537	25	1	0,002
			11	0	0,278	11	0	0,35			
			12	0	0,147	12	0	0,228			
			13	1	0,159	13	0	0,148			
						14	0	0,096			

Input data: HlapecK5_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 81
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,23346326823269
 p = 0,549209965065024
 DF =5

$X^2 = 2,1556$ $P(X^2) = 0,8272$

X[i]	F[i]	NP[i]
1	23	21,24
2	16	21,39
3	18	15,59
4	10	9,916
5	7	5,848
6	3	3,287
7	2	1,786
8	0	0,947
9	1	0,493
10	1	0,507

Input data: HlapecK6_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 81
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,29027089504217
 p = 0,508741115783312
 DF =6

$X^2 = 4,0371$ $P(X^2) = 0,6717$

X[i]	F[i]	NP[i]
1	18	17,23
2	19	19,39
3	18	15,67
4	12	11,01
5	4	7,152
6	2	4,42
7	4	2,638
8	2	1,535
9	2	1,966

Input data: HlapecK7_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 79
 Best method is
 Method 2 of 3
 Parameters:
 k = 3,25001473628845
 p = 0,568458979454634
 DF =6

$X^2 = 1,2699$ $P(X^2) = 0,9733$

X[i]	F[i]	NP[i]
1	13	12,6
2	17	17,67
3	18	16,21
4	10	12,24
5	8	8,253
6	6	5,164
7	4	3,064
8	0	1,747
9	2	0,966
10	0	0,521
11	1	0,566

Input data: HlapecK8_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 120
 Best method is
 Method 1 of 3
 Parameters:
 k = 3,8216557147891
 p = 0,606020128867363
 DF =7

$X^2 = 6,0627$ $P(X^2) = 0,5325$

X[i]	F[i]	NP[i]
1	23	17,7
2	22	26,65
3	22	25,31
4	21	19,35
5	14	13
6	10	8,013
7	2	4,642
8	4	2,566
9	1	1,367
10	1	1,406

Input data: HlapecK9_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 65
 Best method is
 Method 2 of 3
 min. size: 5
 k = 13,4891049866349
 p = 0,831363305103819
 DF =3

$X^2 = 2,0920$ $P(X^2) = 0,5535$

X[i]	F[i]	NP[i]
1	6	5,382
2	10	12,24
3	15	14,96
4	11	13,02
5	9	9,053
6	3	5,34
7	10	2,775
8	0	1,303
9	1	0,922

Input data: HlapecK10_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 120
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,36705210281397
 p = 0,582608469578498
 DF =5

$X^2 = 12,2704$ $P(X^2) = 0,0313$

X[i]	F[i]	NP[i]
1	39	33,41
2	20	33
3	25	23,19
4	17	14,09
5	13	7,892
6	4	4,194
7	0	2,15
8	0	1,073
9	0	0,524
10	2	0,476

Input data: HlapecK11_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 80
 Best method is
 Method 1 of 3
 Parameters:
 k = 5,64588518725545
 p = 0,712166654975199
 DF =5

X² = 8,0061 P(X²) = 0,1559

X[i]	F[i]	NP[i]	X[i]*
1	17	11,77	1
2	11	19,13	2
3	16	18,29	3
4	17	13,42	4
5	11	8,35	5
6	4	4,636	6
7	2	2,368	7
8	1	1,134	8
9	1	0,9	9
			10
			11
			12
			13
			14
			15

Input data: HlapecK12_4er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 80
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,32143575267374
 p = 0,440777221899187
 DF =8

X² = 5,6356 P(X²) = 0,6880

F[i]	NP[i]	X[i]	F[i]
10	11,94	16	0
10	15,51	17	0
20	14,4	18	0
12	11,6	19	0
9	8,631	20	1
7	6,102		
4	4,164		
4	2,768		
2	1,804		
0	1,157		
1	0,732		
0	0,459		
0	0,285		
0	0,176		
0	0,107		

HlapecK13_4er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 126
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,60087743006304
 p = 0,512952016475948
 DF =7

X² = 4,1145 P(X²) = 0,7665

NP[i]	X[i]#	F[i]	NP[i]
0,065	1	18	17,6
0,04	2	18	21,42
0,024	3	19	17,97
0,014	4	16	12,82
0,021	5	10	8,334
	6	3	5,104
	7	2	2,998
	8	1	1,707
	9	2	0,949
	10	0	0,517
	11	0	0,278
	12	0	0,147
	13	1	0,159

Input data: HlapecK14_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 61
 Best method is
 Method 2 of 3
 Parameters:
 k = 2,11480052742094
 p = 0,406651315908983
 DF =8

X² = 9,3611 P(X²) = 0,3128

X[i]	F[i]	NP[i]	X[i]	F[i]
1	8	9,097	16	0
2	6	11,42	17	0
3	14	10,55	18	1
4	11	8,585		
5	10	6,514		
6	4	4,727		
7	1	3,326		
8	2	2,288		
9	1	1,546		
10	3	1,031		
11	0	0,68		
12	0	0,444		
13	0	0,288		
14	0	0,186		

Input data: HlapecK15_4er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 107
 Best method is
 Method 1 of 3
 Parameters:
 k = 4,16680880873469
 p = 0,60922051049561
 DF =6

X² = 7,4763 P(X²) = 0,2790

NP[i]	X[i]*	F[i]	NP[i]	X[i]#
0,076	1	19	13,57	1
0,048	2	16	22,1	2
0,082	3	25	22,31	3
	4	13	17,92	4
	5	12	12,55	5
	6	10	8,008	6
	7	7	4,781	7
	8	3	2,714	8
	9	2	3,059	9
				10
				11
				12
				13
				14

HlapecK16_4er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 84
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,28958286767993
 p = 0,441754546602677
 DF =8

X² = 10,0141 P(X²) = 0,2640

F[i]	NP[i]	X[i]	F[i]	NP[i]
10	12,94	16	0	0,064
16	16,54	17	1	0,096
18	15,18			
13	12,12			
14	8,948			
4	6,283			
0	4,262			
3	2,817			
3	1,826			
2	1,166			
0	0,735			
0	0,458			
0	0,283			
0	0,174			

15 0 0,119

Input data: HlapecK17_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 98
 Best method is
 Method 1 of 3
 Parameters:
 k = 5,96923675980863
 p = 0,707965982022153
 DF =6

$X^2 = 10,0944$ $P(X^2) = 0,1207$

X[i]	F[i]	NP[i]	X[i]*
1	18	12,47	1
2	13	21,74	2
3	23	22,12	3
4	21	17,16	4
5	8	11,24	5
6	7	6,544	6
7	6	3,494	7
8	1	1,745	8
9	1	1,481	9
			10

15 0 0,106

Input data: HlapecK18_4er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 21
 Best method is
 Method 3 of 3
 Parameters:
 k = 4,49797661870504
 p = 0,591267475996704
 DF =5

$X^2 = 4,7712$ $P(X^2) = 0,4444$

X[i]#	F[i]	NP[i]
1	63	90
2	140	120,3
3	134	111,1
4	84	87,39
5	53	62,73
6	39	42,44
7	23	27,55
8	17	17,34
9	17	10,66
10	2	6,43
11	6	3,82
12	2	2,241
13	2	1,301
14	1	0,748
15	0	0,427

Input data: Valpet_4er.dat#
 Distribution: Negative binomial (k,p)
 Sample size: 585
 Best method is
 Method 1 of 3
 min. size: 90
 k = 2,61166255793062
 p = 0,488356735191111
 DF =1

$X^2 = 6,1665$ $P(X^2) = 0,0130$

X[i]	F[i]	NP[i]
16	2	0,549

Input data: Pokljuk_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 170
 Best method is
 Method 1 of 3
 Parameters:
 k = 3,36037924584917
 p = 0,452419907619201
 DF =11
 $X^2 = 9,4285$ $P(X^2) = 0,5824$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	8	11,83	16	0	0,378
2	24	21,77	17	0	0,238
3	29	25,98	18	2	0,384
4	23	25,42			
5	24	22,14			
6	19	17,84			
7	10	13,61			
8	13	9,969			
9	10	7,069			
10	1	4,886			
11	4	3,307			
12	1	2,2			
13	0	1,441			
14	2	0,933			

Input data: Krpan_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 381
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,85921357237364
 p = 0,381046497706189
 DF =12
 $X^2 = 20,1363$ $P(X^2) = 0,0646$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	48	63,37	16	0	0,54
2	80	72,92	17	1	0,352
3	81	64,53	18	0	0,229
4	45	51,38	19	0	0,149
5	31	38,63	20	0	0,096
6	28	28,02	21	0	0,062
7	22	19,83	22	0	0,04
8	18	13,78	23	0	0,026
9	14	9,444	24	0	0,017
10	2	6,403	25	0	0,011
11	6	4,304	26	0	0,007
12	1	2,872	27	1	0,012
13	1	1,905			
14	1	1,257			

15 0 0,597

Input data:
Mackova_5er.dat
Distribution: Negative binomial
(k,p)
Sample size: 118
Best method is
Method 1 of 3
Parameters:
k = 2,25926465765405
p = 0,517061152661681
DF =7

$X^2 = 3,3033$ $P(X^2) = 0,8556$

X[i]	F[i]	NP[i]
1	29	26,59
2	25	29,01
3	22	22,83
4	16	15,65
5	14	9,94
6	5	6,01
7	4	3,511
8	1	2,001
9	1	1,118
10	0	0,616
11	0	0,335
12	0	0,18
13	1	0,203

15 1 0,826

Input data:
Ponkrcev_5er.dat
Distribution: Negative binomial
(k,p)
Sample size: 191
Best method is
Method 1 of 3
Parameters:
k = 2,19485331153363
p = 0,556725701030359
DF =6

$X^2 = 8,5342$ $P(X^2) = 0,2015$

X[i]	F[i]	NP[i]
1	56	52,81
2	55	51,38
3	30	36,39
4	18	22,55
5	20	12,98
6	4	7,13
7	5	3,79
8	2	1,967
9	1	1,993

Input data:
PonkrcevK1_5er.dat
Distribution: Negative binomial
(k,p)
Sample size: 76
Best method is
Method 1 of 3
Parameters:
k = 2,82422427009134
p = 0,607542084075593
DF =5

$X^2 = 6,1378$ $P(X^2) = 0,2930$

X[i]	F[i]	NP[i]
1	22	18,6
2	20	20,62
3	11	15,47
4	9	9,765
5	10	5,58
6	2	2,989
7	1	1,53
8	1	1,44

Input data:
PonkrecevK2_5er.dat
Distribution: Negative binomial
(k,p)
Sample size: 44
Best method is
Method 3 of 3
Parameters:
k = 3,22459690283376
p = 0,636438579166096
DF =4

$X^2 = 5,2726$ $P(X^2) = 0,2605$

X[i]	F[i]	NP[i]	X[i]*
1	9	10,25	1
2	16	12,01	2
3	9	9,226	3
4	2	5,842	4
5	5	3,305	5
6	1	1,736	6
7	2	1,628	7
			8
			9

Input data:
PonkrcevK3_5er.dat*
Distribution: Negative binomial
(k,p)
Sample size: 71
Best method is
Method 1 of 3
Parameters:
k = 1,35717873815098
p = 0,450877599919388
DF =5

$X^2 = 1,5816$ $P(X^2) = 0,9035$

X[i]	F[i]	NP[i]	X[i]#	F[i]
25	24,09	1	372	
19	17,95	2	360	
10	11,62	3	335	
7	7,139	4	209	
5	4,27	5	105	
1	2,512	6	53	
2	1,462	7	32	
1	0,844	8	17	
1	1,122	9	3	
		10	1	
		11	1	
		12	0	
		13	1	

Input data:
Hlapec_5er.dat#
Distribution: Negative binomial
(k,p)
Sample size: 1493
Best method is
Method 1 of 3
min. size: 10
k = 2,43565266705992
p = 0,571659741930976
DF =6

$X^2 = 16,0634$ $P(X^2) = 0,0134$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
382,4	16	1	0,049		
399	17	0	0,023		
293,6	18	0	0,011		
185,9	19	0	0,005		
108,2	20	1	0,004		
59,67					
31,67					
16,35					
8,26					
4,102					
2,009					
0,973					
0,467					

14 1 0,222
15 1 0,105

Input data: Hlapeck1_5er.dat
Distribution: Negative binomial (k,p)
Sample size: 47
Best method is
Method 2 of 3
Parameters:
k = 4,9857742824613
p = 0,712068616003644
DF =4
X² = 6,6831 P(X²) = 0,1536

X[i]	F[i]	NP[i]
1	7	8,646
2	15	12,41
3	15	10,7
4	3	7,171
5	3	4,122
6	1	2,133
7	1	1,022
8	1	0,462
9	1	0,336

Input data: Hlapeck2_5er.dat
Distribution: Negative binomial (k,p)
Sample size: 92
Best method is
Method 1 of 3
Parameters:
k = 1,96036041599605
p = 0,564606594663285
DF =5
X² = 1,7308 P(X²) = 0,8850

X[i]	F[i]	NP[i]
1	33	29,67
2	21	25,33
3	17	16,32
4	10	9,382
5	5	5,066
6	2	2,629
7	2	1,328
8	1	1,272

Input data: Hlapeck3_5er.dat
Distribution: Negative binomial (k,p)
Sample size: 90
Best method is
Method 3 of 3
Parameters:
k = 2,70926398123478
p = 0,610024930748182
DF =5
X² = 7,7577 P(X²) = 0,1701

X[i]	F[i]	NP[i]
1	27	23,59
2	18	24,92
3	23	18,03
4	13	11,03
5	4	6,142
6	1	3,214
7	3	1,61
8	0	0,781
9	0	0,37
10	1	0,313

Input data:
Hlapeck4_5er.dat
Distribution:
Negative binomial (k,p)
Sample size: 61
Best method is
Method 1 of 3
Parameters:
k = 1,0463374405962
p = 0,40837270613197
DF =2
X² = 2,8556 P(X²) = 0,2398

X[i]	F[i]	NP[i]
1	18	23,9
2	19	14,79
3	9	8,955
4	6	5,38
5	0	3,22
6	6	1,923
7	1	1,146
8	0	0,683
9	0	0,406
10	0	0,242
11	0	0,144
12	0	0,085
13	1	0,051
14	0	0,03
15	0	0,018

Input data:
Hlapeck5_5er.dat*
Distribution: Negative binomial (k,p)
Sample size: 81
Best method is
Method 1 of 3
Parameters:
k = 2,13483270014611
p = 0,592249014922444
DF =4
X² = 3,7115 P(X²) = 0,4464

X[i]	F[i]	NP[i]
0	0,011	1
0	0,006	2
0	0,004	3
0	0,002	4
1	0,003	5
		6
		7
		8

Input data:
Hlapeck6_5er.dat#
Distribution: Negative binomial (k,p)
Sample size: 81
Best method is
Method 1 of 3
Parameters:
k = 2,49553919403176
p = 0,603588687665391
DF =5
X² = 6,0764 P(X²) = 0,2989

X[i]	F[i]	NP[i]
1	22	22,98
2	27	22,73
3	17	15,75
4	5	9,355
5	3	5,095
6	5	2,624
7	1	1,299
8	1	1,167

Input data:
 Hlapeck7_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 79
 Best method is
 Method 1 of 3
 Parameters:
 k = 3,36529615166762
 p = 0,646078101981027
 DF =5

$X^2 = 2,0464$ $P(X^2) = 0,8427$

X[i]	F[i]	NP[i]
1	18	18,16
2	24	21,63
3	14	16,71
4	10	10,58
5	8	5,957
6	2	3,106
7	2	1,533
8	0	0,726
9	1	0,595

Input data:
 Hlapeck8_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 120
 Best method is
 Method 1 of 3
 Parameters:
 k = 5,57159400704142
 p = 0,743918809668078
 DF =5

$X^2 = 3,9465$ $P(X^2) = 0,5571$

X[i]	F[i]	NP[i]
1	25	23,09
2	32	32,94
3	29	27,72
4	16	17,91
5	11	9,83
6	2	4,819
7	4	2,174
8	1	1,517

Input data:
 Hlapeck9_5er.dat
 Distribution: Negative
 binomial (k,p)
 Sample size: 65
 Best method is
 Method 2 of 3
 min. size: 5
 k = 19,5271303747251
 p = 0,893255069144387
 DF =3

$X^2 = 0,6471$ $P(X^2) = 0,8856$

X[i]	F[i]	NP[i]
1	7	7,171
2	16	14,95
3	14	16,38
4	14	12,54
5	8	7,541
6	5	3,788
7	1	2,63

Input data:
 Hlapeck10_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 120
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,11910181651915
 p = 0,62005008753964
 DF =4

$X^2 = 10,7659$ $P(X^2) = 0,0293$

X[i]	F[i]	NP[i]	X[i]*
1	50	43,58	1
2	23	35,09	2
3	26	20,79	3
4	15	10,85	4
5	4	5,275	5
6	0	2,453	6
7	0	1,106	7
8	2	0,854	

Input data:
 Hlapeck11_5er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 80
 Best method is
 Method 1 of 3
 Parameters:
 k = 7,99633078861115
 p = 0,824711626310924
 DF =4

$X^2 = 8,7841$ $P(X^2) = 0,0667$

X[i]	F[i]	NP[i]	X[i]#	F[i]
1	22	17,13	1	13
2	13	24,01	2	19
3	24	18,93	3	18
4	13	11,06	4	11
5	4	5,329	5	9
6	3	2,241	6	5
7	1	1,29	7	2
8			8	1
9			9	1
10			10	0

Input data:
 Hlapeck12_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 80
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,20187352187623
 p = 0,495724749538424
 DF =6

$X^2 = 2,3463$ $P(X^2) = 0,8853$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	17,06	11	0	0,297	
2	18,95	12	0	0,166	
3	15,3	13	0	0,092	
4	10,8	14	0	0,051	
5	7,085	15	0	0,028	
6	4,431	16	1	0,033	
7	2,682				
8	1,585				
9	0,919				
10	0,525				

Input data:
HlapecK13_5er.dat
Distribution: Negative binomial
(k,p)
Sample size: 126
Best method is
Method 1 of 3
Parameters:
k = 3,1024122097081
p = 0,619792227982286
DF =6
 $X^2 = 3,0540$ $P(X^2) = 0,8020$

X[i]	F[i]	NP[i]	X[i]*
1	32	28,56	1
2	26	33,69	2
3	29	26,28	3
4	18	16,99	4
5	11	9,857	5
6	6	5,323	6
7	2	2,733	7
8	1	1,351	8
9	0	0,649	9
10	0	0,304	10
11	1	0,254	

Input data:
HlapecK14_5er.dat*
Distribution: Negative binomial
(k,p)
Sample size: 61
Best method is
Method 1 of 3
Parameters:
k = 2,49031838037634
p = 0,499375903809714
DF =6
 $X^2 = 8,0103$ $P(X^2) = 0,2373$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
8	10,82	11	0	0,298	1
12	13,49	12	0	0,17	2
15	11,79	13	0	0,096	3
14	8,833	14	0	0,053	4
4	6,069	15	1	0,065	5
1	3,944				6
3	2,465				7
3	1,497				8
0	0,889				
0	0,519				

Input data:
HlapecK15_5er.dat#
Distribution: Negative binomial
(k,p)
Sample size: 107
Best method is
Method 1 of 3
Parameters:
k = 4,0429249913558
p = 0,6677459830986
DF =5
 $X^2 = 3,5150$ $P(X^2) = 0,6211$

X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	25	20,91			
2	25	28,08			
3	22	23,53			
4	13	15,75			
5	12	9,212			
6	6	4,923			
7	3	2,465			
8	1	2,133			

Input data:
HlapecK16_5er.dat
Distribution: Negative binomial
(k,p)
Sample size: 84
Best method is
Method 1 of 3
Parameters:
k = 2,67303829122635
p = 0,542552777589778
DF =6
 $X^2 = 8,1522$ $P(X^2) = 0,2272$

X[i]	F[i]	NP[i]	X[i]
1	11	16,38	11
2	23	20,03	12
3	21	16,83	13
4	16	11,99	14
5	4	7,781	
6	2	4,75	
7	3	2,779	
8	3	1,575	
9	0	0,871	
10	0	0,473	

Input data:
HlapecK17_5er.dat*
Distribution: Negative binomial
(k,p)
Sample size: 98
Best method is
Method 1 of 3
Parameters:
k = 10,5168991505083
p = 0,84873979205678
DF =4
 $X^2 = 2,4506$ $P(X^2) = 0,6535$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
0	0,252	1	20	17,46	1
0	0,133	2	25	27,78	2
0	0,069	3	25	24,2	3
1	0,073	4	13	15,27	4
		5	9	7,806	5
		6	5	3,428	6
		7	1	2,048	7

Input data:
HlapecK18_5er.dat#
Distribution: Negative binomial
(k,p)
Sample size: 21
Best method is
Method 3 of 3
Parameters:
k = 7,14447341755012
p = 0,760667106470546
DF =3
 $X^2 = 5,2241$ $P(X^2) = 0,1561$

X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	4	2,975			
2	3	5,086			
3	4	4,957			
4	7	3,616			
5	1	2,195			
6	0	1,171			
7	1	0,567			
8	1	0,433			

Input data: Valpet_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 585
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,79186996671583
 p = 0,563894146048159
 DF =9

Input data: Pokljuk_5er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 170
 Best method is
 Method 1 of 3
 Parameters:
 k = 4,16482022957341
 p = 0,567102021766803
 DF =9

Input data: Krpan_5er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 381
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,8436088641049
 p = 0,443013635856066
 DF =10

$X^2 = 21,6357$ $P(X^2) = 0,0101$

$X^2 = 10,3591$ $P(X^2) = 0,3222$

$X^2 = 27,7632$ $P(X^2) = 0,0020$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	102	118,2	1	11	16,01	1	66	84,93	16	0	0,143
2	155	143,9	2	37	28,87	2	108	87,21	17	0	0,084
3	149	119	3	28	32,28	3	75	69,06	18	0	0,049
4	68	82,87	4	32	28,71	4	36	49,29	19	0	0,029
5	49	52,33	5	20	22,26	5	35	33,24	20	0	0,017
6	22	31	6	18	15,74	6	20	21,64	21	0	0,01
7	22	17,56	7	13	10,41	7	25	13,75	22	1	0,013
8	5	9,617	8	2	6,542	8	4	8,58			
9	6	5,133	9	4	3,952	9	7	5,283			
10	3	2,684	10	1	2,313	10	1	3,218			
11	1	1,38	11	2	1,318	11	1	1,944			
12	1	0,7	12	0	0,735	12	1	1,166			
13	2	0,692	13	0	0,402	13	0	0,695			
			14	2	0,455	14	1	0,412			
						15	0	0,243			

Input data: Mackova_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 118
 Best method is
 Method 2 of 5
 Parameters:
 a = 302,714825181687
 b = 308,623062397808
 DF =32

$X^2 = 30,2422$ $P(X^2) = 0,5557$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	6,504	41	0	0,265
2	3	6,38	42	1	0,23
3	5	6,237	43	0	0,2
4	10	6,079	44	0	0,172
5	8	5,905	45	0	0,148
6	6	5,718	46	0	0,127
7	8	5,519	47	0	0,109
8	4	5,31	48	0	0,093
9	5	5,093	49	0	0,079
10	2	4,869	50	0	0,067
11	5	4,64	51	0	0,057
12	5	4,409	52	0	0,048
13	4	4,176	53	0	0,04
14	1	3,942	54	0	0,034
15	7	3,711	55	0	0,028
16	4	3,482	56	0	0,024
17	3	3,257	57	0	0,02
18	5	3,037	58	0	0,016
19	1	2,823	59	0	0,014
20	3	2,617	60	0	0,011
21	1	2,418	61	1	0,049
22	4	2,227			
23	3	2,045			
24	2	1,873			
25	4	1,709			
26	0	1,556			
27	2	1,412			
28	1	1,277			
29	0	1,152			
30	2	1,036			
31	1	0,929			
32	3	0,83			
33	0	0,74			
34	0	0,658			
35	0	0,583			
36	1	0,515			
37	0	0,454			
38	0	0,398			
39	0	0,349			

Input data: Ponkrcev_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 191
 Best method is
 Method 2 of 5
 Parameters:
 a = 212,625746184985
 b = 216,772442969922
 DF =31

$X^2 = 41,0241$ $P(X^2) = 0,1075$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	4	11,96	41	0	0,185
2	12	11,73	42	1	0,815
3	10	11,45			
4	11	11,13			
5	19	10,77			
6	16	10,37			
7	9	9,944			
8	6	9,491			
9	15	9,019			
10	9	8,531			
11	4	8,034			
12	7	7,533			
13	7	7,032			
14	9	6,536			
15	3	6,048			
16	5	5,573			
17	5	5,112			
18	6	4,67			
19	1	4,247			
20	1	3,847			
21	4	3,469			
22	4	3,115			
23	6	2,786			
24	4	2,481			
25	2	2,2			
26	3	1,943			
27	0	1,709			
28	1	1,496			
29	0	1,305			
30	0	1,134			
31	1	0,981			
32	0	0,845			
33	3	0,725			
34	0	0,62			
35	1	0,528			
36	0	0,447			
37	0	0,378			
38	1	0,318			
39	0	0,266			

40 0 0,305

40 1 0,222

Input data:
 PonkrcevK1_1er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 76
 Best method is
 Method 2 of 5
 Parameters:
 a = 149,371783824482
 b = 147,020653926594
 DF =25

Input data:
 PonkrcevK2_1er.dat*
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 44
 Best method is
 Method 1 of 5
 Parameters:
 a = 71,1370490490397
 b = 63,6095844098171
 DF =20

Input data:
 PonkrcevK3_1er.dat#
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 71
 Best method is
 Method 2 of 5
 Parameters:
 a = 552,654930568769
 b = 591,055112093272
 DF =24

$X^2 = 25,6824$ $P(X^2) = 0,4247$

$X^2 = 29,4683$ $P(X^2) = 0,0789$

$X^2 = 21,3957$ $P(X^2) = 0,6153$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	3,901	1	0	1,515	1	3	5,69	41	0	0,107
2	6	3,963	2	1	1,694	2	5	5,32	42	1	0,697
3	5	3,999	3	1	1,865	3	4	4,966			
4	2	4,009	4	2	2,022	4	7	4,628			
5	8	3,991	5	5	2,159	5	6	4,306			
6	4	3,948	6	4	2,272	6	8	3,999			
7	3	3,879	7	3	2,356	7	3	3,708			
8	4	3,787	8	0	2,407	8	2	3,432			
9	6	3,672	9	6	2,425	9	3	3,171			
10	3	3,539	10	3	2,409	10	3	2,926			
11	1	3,388	11	2	2,361	11	1	2,695			
12	2	3,223	12	2	2,281	12	3	2,478			
13	4	3,046	13	0	2,175	13	3	2,274			
14	2	2,861	14	5	2,046	14	2	2,084			
15	2	2,671	15	0	1,9	15	1	1,907			
16	0	2,478	16	1	1,742	16	4	1,742			
17	4	2,284	17	0	1,576	17	1	1,588			
18	4	2,093	18	0	1,408	18	2	1,446			
19	0	1,906	19	1	1,243	19	0	1,314			
20	1	1,725	20	0	1,083	20	0	1,193			
21	2	1,552	21	2	0,933	21	0	1,08			
22	2	1,388	22	1	0,794	22	1	0,977			
23	3	1,234	23	0	0,667	23	3	0,882			
24	2	1,091	24	1	0,555	24	1	0,795			
25	1	0,958	25	1	0,456	25	0	0,716			
26	2	0,837	26	1	0,37	26	0	0,643			
27	0	0,727	27	0	0,297	27	0	0,577			
28	0	0,627	28	0	0,236	28	1	0,517			
29	0	0,539	29	0	0,185	29	0	0,462			
30	0	0,46	30	0	0,144	30	0	0,413			
31	0	0,39	31	1	0,11	31	0	0,368			
32	0	0,329	32	0	0,084	32	0	0,327			
33	1	0,276	33	0	0,063	33	2	0,291			
34	0	0,23	34	0	0,047	34	0	0,258			
35	0	0,191	35	1	0,12	35	0	0,228			
36	0	0,158				36	0	0,202			
37	0	0,13				37	0	0,178			

38 0 0,106
 39 0 0,086
 40 1 0,328

38 1 0,157
 39 0 0,138
 40 0 0,121

Input data: Hlapec_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 1493
 Best method is
 Method 1 of 5
 min. size: 160
 a = 84,7449571575301
 b = 77,8508663450744
 DF =4

$X^2 = 10,7439$ $P(X^2) = 0,0296$ $C = 0,0072$

Input data: HlapecK1_1er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 47
 Best method is
 Method 1 of 5
 Parameters:
 a = 78,0354787753692
 b = 70,6151740264062
 DF =21

$X^2 = 27,3561$ $P(X^2) = 0,1594$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	31	56,735	41	3	0,2941	81	0	0	1	0	1,6597
2	64	61,76	42	0	0,2115	82	0	0	2	2	1,8341
3	116	66,376	43	0	0,1508	83	0	0	3	4	1,9985
4	90	70,444	44	0	0,1066	84	0	0	4	0	2,1477
5	71	73,837	45	0	0,0748	85	0	0	5	1	2,2767
6	64	76,448	46	0	0,052	86	0	0	6	3	2,381
7	69	78,196	47	0	0,0359	87	0	0	7	1	2,4572
8	57	79,03	48	0	0,0245	88	0	0	8	3	2,5028
9	73	78,931	49	0	0,0167	89	0	0	9	2	2,5163
10	97	77,914	50	1	0,0112	90	0	0	10	6	2,4978
11	61	76,025	51	1	0,0075	91	0	0	11	1	2,4482
12	82	73,337	52	0	0,005	92	0	0	12	4	2,3699
13	69	69,948	53	0	0,0033	93	0	0	13	4	2,2659
14	59	65,973	54	0	0,0021	94	0	0	14	5	2,1403
15	64	61,539	55	0	0,0014	95	0	0	15	1	1,9975
16	49	56,778	56	0	0,0009	96	0	0	16	2	1,8422
17	36	51,822	57	0	0,0006	97	1	0	17	0	1,6791
18	59	46,794	58	0	0,0004				18	0	1,5128
19	35	41,808	59	0	0,0002				19	0	1,3474
20	30	36,964	60	0	0,0001				20	1	1,1865
21	25	32,344	61	0	0,0001				21	2	1,0332
22	26	28,012	62	0	0,0001				22	0	0,8898
23	18	24,014	63	0	0				23	0	0,7579
24	13	20,381	64	0	0				24	1	0,6386
25	23	17,126	65	1	0				25	0	0,5323
26	13	14,25	66	1	0				26	0	0,439
27	14	11,741	67	0	0				27	1	0,3583
28	9	9,5813	68	0	0				28	0	0,2894
29	9	7,744	69	0	0				29	0	0,2313
30	8	6,1999	70	0	0				30	0	0,1831
31	7	4,9172	71	0	0				31	0	0,1434
32	6	3,8638	72	1	0				32	1	0,1112
33	4	3,0081	73	0	0				33	0	0,0854
34	4	2,3206	74	0	0				34	0	0,065
35	11	1,7741	75	0	0				35	0	0,0489
36	5	1,3442	76	0	0				36	0	0,0365
37	3	1,0094	77	0	0				37	0	0,027
38	2	0,7513	78	1	0				38	0	0,0197
39	4	0,5544	79	0	0				39	0	0,0143

40 3 0,4055 80 0 0

40 1 0,0103

41 1 0,0238

Input data: Hlapeck2_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 92
 Best method is
 Method 2 of 5
 Parameters:
 a = 164,759980316497
 b = 168,655364221408
 DF =24
 $X^2 = 26,6151$ $P(X^2) = 0,3227$

Input data: Hlapeck3_1er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 90
 Best method is
 Method 2 of 5
 Parameters:
 a = 236,953884192813
 b = 244,122999648882
 DF =26
 $X^2 = 29,6039$ $P(X^2) = 0,2843$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	6,5603	1	2	6,0244	41	0	0,0879
2	2	6,4088	2	3	5,8475	42	0	0,0733
3	10	6,2238	3	5	5,6526	43	0	0,0609
4	14	6,0088	4	8	5,442	44	0	0,0504
5	4	5,7675	5	9	5,2181	45	0	0,0416
6	5	5,5037	6	6	4,9832	46	0	0,0342
7	3	5,2218	7	1	4,7398	47	0	0,0281
8	6	4,9259	8	2	4,4902	48	0	0,0229
9	3	4,6204	9	4	4,2369	49	0	0,0186
10	4	4,3093	10	5	3,982	50	1	0,075
11	2	3,9965	11	3	3,7276			
12	4	3,6857	12	7	3,4758			
13	4	3,3801	13	4	3,2282			
14	4	3,0827	14	5	2,9866			
15	3	2,796	15	4	2,7523			
16	4	2,522	16	3	2,5266			
17	0	2,2625	17	4	2,3105			
18	2	2,0188	18	5	2,1047			
19	2	1,7916	19	0	1,9099			
20	2	1,5814	20	1	1,7265			
21	1	1,3885	21	1	1,5548			
22	1	1,2126	22	1	1,3948			
23	1	1,0534	23	1	1,2466			
24	1	0,9103	24	0	1,11			
25	2	0,7826	25	1	0,9846			
26	0	0,6693	26	1	0,8702			
27	1	0,5694	27	0	0,7662			
28	1	0,482	28	0	0,6721			
29	0	0,4059	29	0	0,5874			
30	0	0,34	30	0	0,5115			
31	1	0,2834	31	1	0,4437			
32	0	0,2351	32	0	0,3836			
33	0	0,194	33	0	0,3304			
34	0	0,1593	34	0	0,2835			
35	1	0,1301	35	2	0,2424			
36	1	0,5166	36	0	0,2065			
			37	0	0,1753			
			38	0	0,1483			
			39	0	0,125			

Input data: HlapecK4_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 61
 Best method is
 Method 2 of 5
 Parameters:
 a = 1528,11845629371
 b = 1681,57423202112
 DF =21

$X^2 = 30,0378$ $P(X^2) = 0,0912$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	5,859	41	0	0,0805
2	0	5,3243	42	0	0,0714
3	8	4,8355	43	0	0,0634
4	4	4,389	44	0	0,0562
5	4	3,9814	45	0	0,0498
6	7	3,6095	46	0	0,0441
7	6	3,2704	47	0	0,039
8	0	2,9614	48	0	0,0345
9	2	2,68	49	0	0,0305
10	4	2,4239	50	0	0,027
11	1	2,1909	51	0	0,0238
12	2	1,9792	52	0	0,021
13	1	1,7869	53	0	0,0185
14	3	1,6123	54	0	0,0163
15	2	1,454	55	0	0,0144
16	1	1,3104	56	0	0,0127
17	1	1,1803	57	0	0,0111
18	3	1,0624	58	0	0,0098
19	0	0,9558	59	0	0,0086
20	1	0,8594	60	0	0,0076
21	0	0,7723	61	0	0,0066
22	0	0,6935	62	0	0,0058
23	0	0,6225	63	0	0,0051
24	0	0,5584	64	0	0,0045
25	0	0,5006	65	1	0,0039
26	2	0,4485	66	0	0,0034
27	0	0,4016	67	0	0,003
28	0	0,3594	68	0	0,0026
29	4	0,3214	69	0	0,0023
30	0	0,2873	70	0	0,002
31	0	0,2567	71	0	0,0018
32	0	0,2291	72	0	0,0015
33	0	0,2045	73	0	0,0013
34	0	0,1823	74	0	0,0012
35	1	0,1625	75	0	0,001
36	0	0,1448	76	0	0,0009
37	0	0,1289	77	0	0,0008
38	0	0,1146	78	0	0,0007
39	0	0,1019	79	0	0,0006

Input data: HlapecK5_1er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 81
 Best method is
 Method 2 of 5
 Parameters:
 a = 157,504631614216
 b = 162,459048411876
 DF =22

$X^2 = 30,9048$ $P(X^2) = 0,0981$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
81	0	0,0004	1	1	6,2546
82	0	0,0004	2	7	6,0638
83	0	0,0003	3	11	5,8429
84	0	0,0003	4	4	5,5959
85	0	0,0002	5	7	5,3268
86	0	0,0002	6	2	5,0403
87	0	0,0002	7	3	4,7407
88	0	0,0002	8	4	4,4324
89	0	0,0001	9	9	4,1197
90	0	0,0001	10	1	3,8066
91	0	0,0001	11	5	3,4968
92	0	0,0001	12	3	3,1936
93	0	0,0001	13	4	2,8999
94	0	0,0001	14	0	2,618
95	0	0,0001	15	1	2,3501
96	0	0	16	5	2,0977
97	1	0,0003	17	2	1,8618
			18	3	1,6432
			19	1	1,4422
			20	1	1,2587
			21	2	1,0926
			22	0	0,9431
			23	0	0,8097
			24	1	0,6914
			25	1	0,5872
			26	0	0,496
			27	1	0,4167
			28	0	0,3483
			29	0	0,2896
			30	0	0,2395
			31	0	0,197
			32	0	0,1612
			33	0	0,1312
			34	1	0,1063
			35	0	0,0857
			36	0	0,0687
			37	1	0,2499

40 0 0,0906 80 0 0,0005

Input data: Hlapeck6_1er.dat

Distribution: Hyperpoisson

(a,b)

Sample size: 81

Best method is

Method 2 of 5

Parameters:

a = 161,126897472819

b = 163,659650038693

DF =23

X² = 33,5135 P(X²) = 0,0725

X[i]	F[i]	NP[i]	X[i]*
1	0	5,437	1
2	2	5,353	2
3	8	5,238	3
4	8	5,095	4
5	4	4,926	5
6	5	4,734	6
7	5	4,522	7
8	5	4,295	8
9	4	4,055	9
10	8	3,806	10
11	1	3,552	11
12	5	3,296	12
13	7	3,04	13
14	1	2,789	14
15	3	2,544	15
16	1	2,307	16
17	2	2,08	17
18	1	1,866	18
19	0	1,664	19
20	1	1,476	20
21	1	1,302	21
22	1	1,142	22
23	0	0,997	23
24	0	0,865	24
25	1	0,747	25
26	0	0,641	26
27	1	0,548	27
28	2	0,465	28
29	2	0,393	29
30	0	0,331	30
31	0	0,276	31
32	0	0,23	32
33	0	0,19	33
34	0	0,157	34
35	1	0,128	35
36	1	0,515	

Input data: Hlapeck7_1er.dat*

Distribution: Hyperpoisson

(a,b)

Sample size: 79

Best method is

Method 2 of 5

Parameters:

a = 156,876676246698

b = 154,429211474242

DF =26

X² = 23,6574 P(X²) = 0,5955

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
36	0	0,188	1	1	3,954
37	0	0,156	2	1	4,016
38	0	0,129	3	5	4,054
39	0	0,105	4	6	4,065
40	0	0,086	5	5	4,051
41	1	0,336	6	4	4,012
			7	4	3,947
			8	4	3,86
			9	7	3,751
			10	5	3,623
			11	1	3,478
			12	5	3,318
			13	4	3,146
			14	0	2,966
			15	4	2,779
			16	2	2,588
			17	2	2,396
			18	4	2,206
			19	1	2,019
			20	1	1,837
			21	1	1,661
			22	3	1,494
			23	0	1,336
			24	2	1,188
			25	2	1,05
			26	0	0,924
			27	2	0,807
			28	0	0,702
			29	0	0,607
			30	0	0,522
			31	0	0,446
			32	0	0,38
			33	0	0,321
			34	1	0,27
			35	1	0,226

Input data: Hlapeck8_1er.dat#

Distribution: Hyperpoisson

(a,b)

Sample size: 120

Best method is

Method 2 of 5

Parameters:

a = 116,476175836263

b = 110,814988477217

DF =28

X² = 27,7407 P(X²) = 0,4783

X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	3	5,054	1	3	5,054
2	7	5,313	2	7	5,313
3	7	5,534	3	7	5,534
4	6	5,714	4	6	5,714
5	2	5,847	5	2	5,847
6	7	5,932	6	7	5,932
7	10	5,966	7	10	5,966
8	3	5,948	8	3	5,948
9	8	5,881	9	8	5,881
10	4	5,765	10	4	5,765
11	3	5,604	11	3	5,604
12	7	5,403	12	7	5,403
13	4	5,166	13	4	5,166
14	7	4,9	14	7	4,9
15	8	4,609	15	8	4,609
16	2	4,301	16	2	4,301
17	2	3,982	17	2	3,982
18	5	3,657	18	5	3,657
19	2	3,333	19	2	3,333
20	5	3,014	20	5	3,014
21	2	2,704	21	2	2,704
22	5	2,408	22	5	2,408
23	2	2,128	23	2	2,128
24	1	1,866	24	1	1,866
25	1	1,624	25	1	1,624
26	0	1,403	26	0	1,403
27	0	1,203	27	0	1,203
28	1	1,024	28	1	1,024
29	0	0,866	29	0	0,866
30	1	0,727	30	1	0,727
31	1	0,605	31	1	0,605
32	2	0,501	32	2	0,501
33	0	0,411	33	0	0,411
34	0	0,335	34	0	0,335
35	1	0,272	35	1	0,272
36	0	0,218	36	0	0,218
37	1	0,782	37	1	0,782

Input data: Hlapeck9_1er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 65
 Best method is
 Method 2 of 5
 Parameters:
 a = 58,3455549562045
 b = 49,2970027447629
 DF =22
 $X^2 = 31,5855$ $P(X^2) = 0,0847$

X[i]	F[i]	NP[i]
2	2	1,6143
3	4	1,9106
4	0	2,2164
5	1	2,5209
6	4	2,8125
7	3	3,0789
8	2	3,3085
9	3	3,4909
10	4	3,6179
11	1	3,6841
12	7	3,6872
13	1	3,628
14	1	3,5106
15	4	3,3416
16	5	3,1296
17	1	2,8848
18	2	2,6178
19	3	2,3391
20	3	2,0585
21	1	1,7847
22	2	1,5247
23	0	1,2837
24	0	1,0655
25	5	0,8719
26	2	0,7037
27	3	0,5601
28	0	0,4399
29	0	0,3408
30	0	0,2606
31	0	0,1967
32	0	0,1466
33	0	0,1079
34	0	0,0784
35	1	0,1826

Input data: Hlapeck10_1er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 120
 Best method is
 Method 1 of 5
 Parameters:
 a = 79,0994345599817
 b = 75,9120407914287
 DF =22
 $X^2 = 32,4949$ $P(X^2) = 0,0693$

X[i]	F[i]	NP[i]
1	6	7,0894
2	10	7,387
3	12	7,5971
4	11	7,7129
5	11	7,7312
6	6	7,6526
7	2	7,4812
8	1	7,2243
9	5	6,8921
10	9	6,4968
11	6	6,0521
12	5	5,5722
13	4	5,0713
14	2	4,5629
15	9	4,0593
16	2	3,5712
17	5	3,1072
18	2	2,674
19	3	2,2765
20	3	1,9174
21	0	1,598
22	1	1,3179
23	3	1,0756
24	0	0,869
25	0	0,6949
26	0	0,5502
27	0	0,4312
28	0	0,3347
29	0	0,2573
30	0	0,1958
31	0	0,1476
32	0	0,1103
33	0	0,0816
34	0	0,0598
35	0	0,0434
36	0	0,0313
37	0	0,0223
38	0	0,0158

Input data: Hlapeck11_1er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 80
 Best method is
 Method 1 of 5
 Parameters:
 a = 78,1171048061635
 b = 71,2794324171222
 DF =23
 $X^2 = 26,1560$ $P(X^2) = 0,2936$

X[i]	F[i]	NP[i]
1	3	3,0612
2	6	3,3548
3	2	3,6258
4	6	3,8651
5	5	4,0648
6	0	4,218
7	3	4,3196
8	3	4,3665
9	1	4,3574
10	6	4,2935
11	3	4,1779
12	6	4,0153
13	6	3,8122
14	6	3,5759
15	3	3,3144
16	2	3,0361
17	1	2,7488
18	6	2,4603
19	2	2,1771
20	2	1,9049
21	0	1,6482
22	2	1,4106
23	2	1,1941
24	0	1
25	0	0,8286
26	1	0,6793
27	1	0,5512
28	0	0,4426
29	0	0,3518
30	1	0,2768
31	0	0,2156
32	0	0,1663
33	1	0,4853

Input data: Hlapeck12_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 80
 Best method is
 Method 5 of 5
 Parameters:
 a = 138,933205797145
 b = 130,653742585238
 DF =29
 $X^2 = 22,7775$ $P(X^2) = 0,7866$

Input data: Hlapeck13_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 126
 Best method is
 Method 2 of 5
 Parameters:
 a = 171,588958507325
 b = 171,722473645121
 DF =28
 $X^2 = 21,9492$ $P(X^2) = 0,7836$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	2,5647	41	1	0,1293	1	3	7,1511	41	0	0,101
2	2	2,7273	42	0	0,1052	2	6	7,1456	42	0	0,0818
3	5	2,8781	43	0	0,0852	3	8	7,0987	43	0	0,066
4	2	3,0143	44	0	0,0685	4	10	7,0115	44	0	0,053
5	3	3,1334	45	0	0,0548	5	5	6,8857	45	0	0,0423
6	1	3,233	46	0	0,0436	6	3	6,7238	46	0	0,0337
7	4	3,3111	47	0	0,0345	7	7	6,5284	47	0	0,0267
8	2	3,3664	48	0	0,0271	8	6	6,3031	48	0	0,021
9	5	3,3976	49	0	0,0212	9	2	6,0516	49	0	0,0165
10	7	3,4045	50	0	0,0165	10	8	5,7777	50	0	0,0129
11	6	3,3869	51	0	0,0128	11	6	5,4857	51	1	0,0423
12	2	3,3455	52	0	0,0098	12	8	5,1798			
13	2	3,2812	53	0	0,0075	13	7	4,8642			
14	5	3,1957	54	0	0,0057	14	5	4,5429			
15	3	3,0907	55	0	0,0043	15	3	4,2199			
16	2	2,9684	56	0	0,0032	16	4	3,8988			
17	2	2,8315	57	0	0,0024	17	2	3,5828			
18	4	2,6824	58	0	0,0018	18	5	3,2749			
19	2	2,524	59	0	0,0013	19	6	2,9776			
20	1	2,3589	60	0	0,001	20	1	2,693			
21	4	2,19	61	0	0,0007	21	3	2,4228			
22	0	2,0196	62	0	0,0005	22	2	2,1684			
23	2	1,8502	63	0	0,0004	23	2	1,9306			
24	1	1,6839	64	0	0,0003	24	1	1,71			
25	2	1,5226	65	0	0,0002	25	3	1,5069			
26	0	1,3678	66	0	0,0001	26	2	1,3211			
27	2	1,2209	67	0	0,0001	27	0	1,1523			
28	0	1,0828	68	0	0,0001	28	2	1			
29	2	0,9542	69	0	0	29	0	0,8634			
30	1	0,8356	70	0	0	30	2	0,7418			
31	0	0,7271	71	0	0	31	1	0,6341			
32	1	0,6288	72	0	0	32	0	0,5394			
33	0	0,5404	73	0	0	33	0	0,4566			
34	0	0,4616	74	0	0	34	1	0,3846			
35	1	0,3919	75	0	0	35	0	0,3223			
36	1	0,3307	76	0	0	36	0	0,2688			
37	0	0,2773	77	0	0	37	0	0,2232			
38	0	0,2312	78	1	0	38	0	0,1843			
39	0	0,1916				39	0	0,1515			

40 0 0,1578

40 1 0,124

Input data: Hlapeck14_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 61
 Best method is
 Method 1 of 5
 Parameters:
 a = 149,505285829403
 b = 139,780608530441
 DF =29
 $X^2 = 34,8549$ $P(X^2) = 0,2093$

Input data: Hlapeck15_1er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 107
 Best method is
 Method 2 of 5
 Parameters:
 a = 97,9224868587127
 b = 91,3400044079666
 DF =26
 $X^2 = 23,3566$ $P(X^2) = 0,6127$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	0	1,6971	41	0	0,1497	1	1	4,194
2	2	1,8152	42	0	0,1245	2	6	4,4963
3	6	1,9276	43	0	0,103	3	7	4,7681
4	0	2,0327	44	0	0,0847	4	5	5,0022
5	0	2,1284	45	0	0,0693	5	6	5,1922
6	1	2,2131	46	0	0,0564	6	2	5,3328
7	2	2,2854	47	0	0,0456	7	5	5,4204
8	3	2,3438	48	0	0,0367	8	3	5,4528
9	4	2,3873	49	0	0,0294	9	7	5,4297
10	2	2,4151	50	0	0,0234	10	8	5,3522
11	3	2,4269	51	0	0,0185	11	6	5,2233
12	5	2,4224	52	0	0,0146	12	4	5,0471
13	3	2,4019	53	0	0,0114	13	4	4,8293
14	2	2,3659	54	0	0,0089	14	4	4,5761
15	2	2,3152	55	0	0,0069	15	4	4,2946
16	4	2,2508	56	0	0,0053	16	1	3,9922
17	2	2,1741	57	0	0,0041	17	1	3,6762
18	5	2,0866	58	0	0,0031	18	4	3,3537
19	2	1,9897	59	0	0,0024	19	6	3,0312
20	1	1,8854	60	0	0,0018	20	1	2,7147
21	1	1,7752	61	0	0,0013	21	3	2,4092
22	2	1,6611	62	0	0,001	22	2	2,1188
23	1	1,5446	63	0	0,0008	23	3	1,8469
24	0	1,4274	64	0	0,0006	24	2	1,5957
25	0	1,311	65	0	0,0004	25	2	1,3666
26	1	1,1967	66	0	0,0003	26	4	1,1602
27	0	1,0858	67	0	0,0002	27	0	0,9765
28	0	0,9792	68	0	0,0002	28	1	0,8149
29	0	0,8778	69	0	0,0001	29	0	0,6743
30	0	0,7821	70	0	0,0001	30	1	0,5533
31	1	0,6928	71	0	0,0001	31	1	0,4502
32	1	0,6101	72	1	0,0001	32	1	0,3633
33	1	0,5341				33	0	0,2908
34	0	0,4648				34	1	0,2309
35	0	0,4022				35	0	0,1818
36	0	0,346				36	1	0,5873
37	1	0,296						
38	0	0,2517						
39	1	0,2129						

Input data: HlapeckK16_1er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 84
 Best method is
 Method 1 of 5
 Parameters:
 a = 109,611948574567
 b = 99,9747509590857
 DF =29

X² = 27,4865 P(X²) = 0,5455

X[i]	F[i]	NP[i]
1	1	2,3034
2	3	2,5254
3	4	2,7414
4	2	2,9467
5	1	3,1367
6	4	3,3067
7	6	3,4528
8	5	3,5713
9	2	3,6594
10	6	3,7148
11	6	3,7366
12	4	3,7242
13	4	3,6785
14	4	3,6009
15	3	3,4937
16	2	3,36
17	4	3,2032
18	5	3,0275
19	1	2,8369
20	4	2,6358
21	0	2,4284
22	2	2,2187
23	1	2,0103
24	1	1,8065
25	0	1,6102
26	0	1,4237
27	0	1,2487
28	0	1,0865
29	0	0,9379
30	2	0,8033
31	1	0,6827
32	0	0,5758
33	0	0,4819
34	0	0,4002
35	2	0,3299
36	1	0,2699
37	0	0,2192
38	1	0,1767

Input data: HlapeckK17_1er.dat*
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 98
 Best method is
 Method 1 of 5
 Parameters:
 a = 76,9976123716405
 b = 69,0878950976608
 DF =25

X² = 20,5940 P(X²) = 0,7150

X[i]*	F[i]	NP[i]
1	3	0,0886
2	3	0,0694
3	9	0,0539
4	3	0,0416
5	2	0,0319
6	3	0,0243
7	3	0,0184
8	5	0,0138
9	5	0,0103
10	9	0,0076
11	5	0,0056
12	4	0,0041
13	6	0,003
14	4	0,0021
15	6	0,0015
16	5	0,0011
17	2	0,0008
18	2	0,0005
19	3	0,0004
20	1	0,0003
21	3	0,0002
22	2	0,0001
23	0	0,0001
24	2	0,0001
25	2	0
26	0	0,0001
27	2	
28	2	
29	1	
30	0	
31	0	
32	0	
33	1	

Input data:HlapeckK18_1er.dat#
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 21
 Best method is
 Method 2 of 5
 Parameters:
 a = 167,677757753548
 b = 159,768771302101
 DF =12

X² = 9,8236 P(X²) = 0,6314

X[i]#	F[i]	NP[i]
1	1	0,6832
2	0	0,717
3	1	0,7478
4	1	0,7751
5	1	0,7985
6	1	0,8176
7	1	0,832
8	0	0,8416
9	0	0,8462
10	1	0,8457
11	2	0,8402
12	0	0,8299
13	0	0,8149
14	1	0,7955
15	1	0,772
16	2	0,745
17	3	0,7147
18	1	0,6818
19	1	0,6468
20	0	0,6101
21	0	0,5722
22	0	0,5337
23	0	0,4951
24	0	0,4567
25	1	0,419
26	0	0,3823
27	0	0,3469
28	0	0,3131
29	0	0,2811
30	0	0,2511
31	0	0,223
32	0	0,197
33	1	0,1732
34	0	0,1514
35	0	0,1317
36	0	0,114
37	0	0,0981
38	1	0,5048

39 1 0,1414
 40 0 0,1123

Input data: Valpet_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 585
 Best method is
 Method 4 of 5
 Parameters:
 a = 272,200522471976
 b = 274,806293589964
 DF =44
 $X^2 = 111,5109$ $P(X^2) = 0,0000$

Input data: Pokljuk_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 170
 Best method is
 Method 1 of 5
 Parameters:

a = 145,131044613695
 b = 130,247220414412
 DF =40
 $X^2 = 50,9714$ $P(X^2) = 0,1146$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	8	29,904	41	0	1,3573	1	0	2,6414	41	2	0,8507
2	14	29,62	42	2	1,1736	2	2	2,9433	42	1	0,7252
3	14	29,233	43	2	1,0116	3	3	3,2546	43	0	0,6146
4	27	28,747	44	2	0,8691	4	3	3,5717	44	1	0,5179
5	39	28,167	45	0	0,7444	5	3	3,8903	45	0	0,4338
6	30	27,499	46	0	0,6356	6	8	4,2057	46	0	0,3613
7	34	26,752	47	0	0,541	7	5	4,513	47	1	0,2992
8	37	25,932	48	2	0,459	8	8	4,8073	48	0	0,2464
9	23	25,048	49	1	0,3883	9	11	5,0834	49	0	0,2018
10	31	24,109	50	0	0,3274	10	5	5,3365	50	0	0,1643
11	36	23,123	51	1	0,2752	11	10	5,562	51	0	0,133
12	44	22,099	52	0	0,2306	12	3	5,7557	52	0	0,1071
13	29	21,047	53	0	0,1927	13	6	5,914	53	0	0,0858
14	20	19,975	54	0	0,1605	14	2	6,0339	54	2	0,0683
15	20	18,892	55	0	0,1333	15	7	6,1132	55	0	0,0541
16	15	17,806	56	1	0,1103	16	8	6,1507	56	0	0,0426
17	14	16,724	57	0	0,0911	17	8	6,1458	57	0	0,0334
18	20	15,654	58	0	0,0749	18	5	6,0988	58	0	0,026
19	10	14,603	59	0	0,0615	19	5	6,0112	59	0	0,0202
20	9	13,575	60	0	0,0503	20	6	5,8848	60	0	0,0155
21	15	12,577	61	0	0,041	21	7	5,7225	61	0	0,0119
22	12	11,612	62	1	0,0333	22	4	5,5277	62	0	0,0091
23	7	10,686	63	1	0,1346	23	2	5,3041	63	0	0,0069
24	5	9,7997				24	6	5,0562	64	0	0,0052
25	10	8,9571				25	1	4,7884	65	0	0,0039
26	5	8,1596				26	5	4,5054	66	0	0,0029
27	4	7,4082				27	3	4,2119	67	0	0,0022
28	4	6,7037				28	1	3,9122	68	0	0,0016
29	7	6,0461				29	5	3,6108	69	1	0,0012
30	2	5,435				30	4	3,3115	70	1	0,0031
31	5	4,8696				31	4	3,0179			
32	3	4,3487				32	0	2,7333			
33	3	3,8708				33	5	2,4601			
34	8	3,4342				34	2	2,2006			
35	3	3,0369				35	2	1,9564			
36	3	2,6769				36	1	1,7287			
37	0	2,352				37	0	1,5182			
38	1	2,0599				38	0	1,3254			

39 1 1,7982
 40 0 1,5648

39 0 1,1501
 40 1 0,9921

Input data: Krpan_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 381
 Best method is
 Method 2 of 5

Parameters:
 a = 652,204690492057
 b = 680,372875110826
 DF =46
 $X^2 = 88,5328$ $P(X^2) = 0,0002$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	22,499	41	1	1,3462	81	0	0,0087
2	10	21,568	42	2	1,2188	82	0	0,0075
3	16	20,644	43	1	1,102	83	0	0,0064
4	22	19,732	44	2	0,9949	84	0	0,0055
5	18	18,832	45	1	0,897	85	0	0,0047
6	22	17,947	46	0	0,8077	86	0	0,004
7	22	17,078	47	0	0,7262	87	0	0,0034
8	18	16,228	48	0	0,6521	88	0	0,0029
9	29	15,398	49	1	0,5847	89	0	0,0025
10	17	14,589	50	0	0,5235	90	0	0,0021
11	14	13,802	51	0	0,4681	91	0	0,0018
12	21	13,039	52	0	0,418	92	0	0,0015
13	12	12,3	53	0	0,3728	93	0	0,0013
14	17	11,587	54	1	0,332	94	0	0,0011
15	11	10,899	55	0	0,2952	95	0	0,0009
16	5	10,237	56	0	0,2622	96	0	0,0008
17	5	9,6013	57	0	0,2325	97	0	0,0006
18	12	8,9924	58	1	0,206	98	0	0,0005
19	5	8,4099	59	0	0,1822	99	0	0,0005
20	9	7,854	60	0	0,1609	100	0	0,0004
21	6	7,3243	61	0	0,1419	101	0	0,0003
22	13	6,8206	62	0	0,125	102	0	0,0003
23	4	6,3424	63	0	0,11	103	0	0,0002
24	5	5,8894	64	0	0,0966	104	0	0,0002
25	7	5,461	65	0	0,0848	105	0	0,0002
26	4	5,0565	66	0	0,0743	106	1	0,0007
27	4	4,6754	67	0	0,065			
28	7	4,3168	68	1	0,0568			
29	2	3,9802	69	0	0,0496			
30	3	3,6646	70	0	0,0432			
31	7	3,3692	71	0	0,0376			
32	6	3,0934	72	0	0,0327			
33	5	2,8361	73	0	0,0284			
34	5	2,5965	74	0	0,0246			
35	2	2,3739	75	0	0,0213			
36	2	2,1673	76	0	0,0184			
37	1	1,9759	77	0	0,0159			
38	0	1,7989	78	0	0,0137			
39	0	1,6355	79	0	0,0118			
40	1	1,4849	80	0	0,0101			

Input data:
Mackova_2er.dat
Distribution: Hyperpoisson
(a,b)
Sample size: 118
Best method is
Method 2 of 5
Parameters:
a = 73,7270132681284
b = 76,8856455686055
DF =17

$X^2 = 15,2126$ $P(X^2) = 0,5802$

X[i]	F[i]	NP[i]	X[i]
1	6	12,573	21
2	15	12,056	22
3	14	11,412	23
4	12	10,666	24
5	7	9,8437	25
6	10	8,9725	26
7	5	8,0785	27
8	11	7,1859	28
9	8	6,3157	29
10	4	5,4854	30
11	5	4,7089	31
12	5	3,9957	
13	4	3,352	
14	3	2,7803	
15	2	2,2805	
16	4	1,85	
17	0	1,4844	
18	1	1,1782	
19	0	0,9252	
20	0	0,7189	

Input data:
Ponkrcev_2er.dat*
Distribution: Hyperpoisson
(a,b)
Sample size: 191
Best method is
Method 2 of 5
Parameters:
a = 45,8992371478133
b = 47,9551320700168
DF =9

$X^2 = 20,3276$ $P(X^2) = 0,0160$

X[i]*	F[i]	NP[i]	X[i]*
1	16	23,967	1
2	21	22,94	2
3	35	21,508	3
4	15	19,762	4
5	24	17,801	5
6	11	15,726	6
7	16	13,631	7
8	8	11,595	8
9	11	9,6846	9
10	2	7,9442	10
11	8	6,4021	11
12	10	5,0703	12
13	5	3,9475	13
14	1	3,022	14
15	0	2,2756	15
16	1	1,6859	16
17	3	1,2291	17
18	1	0,8821	18
19	1	0,6233	19
20	1	0,4338	20
21	1	0,8708	21

Input data:
PonkrcevK1_2er.dat#
Distribution: Hyperpoisson
(a,b)
Sample size: 76
Best method is
Method 1 of 5
Parameters:
a = 32,1851034968358
b = 30,4688434684799
DF =14

$X^2 = 17,8356$ $P(X^2) = 0,2144$

X[i]#	F[i]	NP[i]	X[i]#
1	7	6,9937	1
2	7	7,3876	2
3	12	7,5558	3
4	7	7,4897	4
5	9	7,2024	5
6	3	6,7252	6
7	6	6,1026	7
8	2	5,3858	8
9	8	4,6263	9
10	1	3,8706	10
11	4	3,1563	11
12	5	2,5102	12
13	3	1,9483	13
14	0	1,4765	14
15	0	1,0932	15
16	0	0,7912	16
17	1	0,5601	17
18	0	0,3879	18
19	0	0,263	19
20	1	0,4735	20

Input data: PonkrcevK2_2er.dat
Distribution: Hyperpoisson (a,b)
Sample size: 44
Best method is
Method 2 of 5
Parameters:
a = 35,5750039908418
b = 36,0439109865913
DF =11

$X^2 = 8,2378$ $P(X^2) = 0,6919$

X[i]	F[i]	NP[i]	X[i]
1	2	5,282	11
2	7	5,213	12
3	7	5,006	13
4	6	4,681	14
5	5	4,265	15
6	2	3,789	16
7	5	3,285	17

Input data: PonkrcevK3_2er.dat
Distribution: Hyperpoisson (a,b)
Sample size: 71
Best method is
Method 2 of 5
Parameters:
a = 99,3443938768762
b = 114,602637282265
DF =12

$X^2 = 14,1654$ $P(X^2) = 0,2903$

X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	8	11,63	11	1	1,902
2	11	10,09	12	4	1,517
3	14	8,667	13	0	1,2
4	5	7,384	14	1	0,941
5	6	6,238	15	0	0,733
6	4	5,225	16	0	0,566
7	5	4,34	17	2	0,434

8 1 2,779
 9 1 2,297
 10 2 1,855

8 5 3,575 18 0 0,33
 9 3 2,921 19 1 0,249
 10 0 2,367 20 0 0,187
 21 1 0,505

Input data: Hlapec_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 1493
 Best method is
 Method 5 of 5
 min.size: 160
 a = 24,7950923940422
 b = 22,4501597903601
 DF =3
 $X^2 = 11,6115$ $P(X^2) = 0,0088$
 C = 0,0078

Input data: HlapecK1_2er.dat*
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 47
 Best method is
 Method 1 of 5
 Parameters:
 a = 20,6370866798319
 b = 17,1410050437164
 DF =11
 $X^2 = 14,4095$ $P(X^2) = 0,2112$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	95	130,3	21	3	1,1445	41	0	0	1	2	3,154
2	206	143,92	22	0	0,6685	42	0	0	2	4	3,7973
3	135	152,17	23	0	0,3815	43	0	0	3	4	4,3198
4	126	154,32	24	0	0,2128	44	0	0	4	4	4,6575
5	170	150,34	25	1	0,1161	45	0	0	5	8	4,7722
6	143	140,94	26	1	0,062	46	0	0	6	5	4,6584
7	128	127,3	27	0	0,0324	47	0	0	7	9	4,342
8	113	110,95	28	0	0,0166	48	0	0	8	3	3,8722
9	95	93,412	29	0	0,0083	49	1	0	9	0	3,3102
10	65	76,064	30	0	0,0041				10	1	2,7172
11	51	59,968	31	0	0,002				11	2	2,1451
12	31	45,822	32	0	0,0009				12	1	1,631
13	36	33,966	33	2	0,0004				13	0	1,1961
14	23	24,446	34	0	0,0002				14	1	0,8471
15	17	17,099	35	0	0,0001				15	0	0,58
16	13	11,631	36	1	0				16	1	0,3843
17	8	7,7009	37	0	0				17	0	0,2468
18	16	4,966	38	0	0				18	0	0,1537
19	5	3,1212	39	1	0				19	0	0,0929
20	7	1,9132	40	0	0				20	1	0,0546
									21	1	0,0677

Input data: HlapecK2_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 92
 Best method is
 Method 2 of 5
 Parameters:
 a = 42,6950566884089
 b = 45,3869912376484
 DF =13
 $X^2 = 21,5026$ $P(X^2) = 0,0636$

Input data: HlapecK3_2er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 90
 Best method is
 Method 5 of 5
 Parameters:
 a = 26,1830365035499
 b = 24,0321579296848
 DF =13
 $X^2 = 22,3682$ $P(X^2) = 0,0499$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	12,73	11	2	2,728	1	5	8,078	11	2	3,601	21	0	0,078
2	24	11,97	12	2	2,103	2	13	8,801	12	1	2,77	22	0	0,046
3	9	11,02	13	2	1,592	3	15	9,206	13	2	2,07	23	0	0,027
4	9	9,928	14	2	1,185	4	3	9,259	14	0	1,505	24	0	0,015
5	7	8,76	15	0	0,866	5	9	8,968	15	0	1,064	25	1	0,018
6	6	7,573	16	1	0,623	6	10	8,377	16	1	0,732			
7	8	6,417	17	0	0,44	7	9	7,555	17	0	0,491			

8	7	5,332	18	2	0,915	8	7	6,586	18	2	0,321
9	2	4,345				9	9	5,557	19	0	0,205
10	4	3,475				10	1	4,542	20	0	0,128

Input data: Hlapeck4_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 61
 Best method is
 Method 5 of 5
 Parameters:
 a = 116,369289178092
 b = 131,864182238552
 DF =13
 $X^2 = 18,8414$ $P(X^2) = 0,1281$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
0	2	9,0269	21	0	0,1436
1	12	7,9662	22	0	0,1093
2	11	6,9772	23	0	0,0827
3	6	6,0654	24	0	0,0621
4	6	5,2336	25	0	0,0464
5	3	4,4826	26	0	0,0344
6	4	3,8114	27	0	0,0254
7	3	3,2171	28	0	0,0186
8	4	2,696	29	0	0,0135
9	1	2,2431	30	0	0,0098
10	0	1,853	31	0	0,007
11	0	1,52	32	1	0,005
12	2	1,2381	33	0	0,0036
13	0	1,0015	34	0	0,0025
14	4	0,8045	35	0	0,0018
15	0	0,6418	36	0	0,0012
16	0	0,5086	37	0	0,0009
17	1	0,4002	38	0	0,0006
18	0	0,3129	39	0	0,0004
19	0	0,2429	40	0	0,0003
20	0	0,1874	41	0	0,0002

Input data: Hlapeck5_2er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 81
 Best method is
 Method 2 of 5
 Parameters:
 a = 33,6798212814873
 b = 35,7953301384377
 DF =11
 $X^2 = 6,0454$ $P(X^2) = 0,8703$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
42	0	0,0001	1	8	12,018
43	0	0,0001	2	15	11,308
44	0	0,0001	3	9	10,35
45	0	0	4	7	9,223
46	0	0	5	10	8,0069
47	0	0	6	8	6,7764
48	1	0	7	4	5,5945
			8	6	4,5082
			9	5	3,5479
			10	2	2,7285
			11	2	2,0514
			12	1	1,5087
			13	1	1,0859
			14	1	0,7652
			15	0	0,5281
			16	0	0,3572
			17	1	0,2369
			18	0	0,154
			19	1	0,2519

Input data: Hlapeck6_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 81
 Best method is
 Method 2 of 5
 a = 42,6923458704384
 b = 44,5477792628109
 DF =13
 $X^2 = 21,6404$ $P(X^2) = 0,0612$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	10,351	11	2	2,6288
2	16	9,9198	12	0	2,0574
3	9	9,2979	13	1	1,5813
4	10	8,5278	14	3	1,1938
5	12	7,6569	15	2	0,8857
6	6	6,7334	16	0	0,6458
7	8	5,8018	17	0	0,463
8	4	4,9002	18	2	0,9999

Input data: Hlapeck7_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 79
 Best method is
 Method 2 of 5
 a = 36,9226421624813
 b = 36,1381950848128
 DF =14
 $X^2 = 12,8226$ $P(X^2) = 0,5405$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	7,9619	11	4	3,1296
2	11	8,1347	12	2	2,5045
3	9	8,0875	13	2	1,9618
4	8	7,8297	14	2	1,5047
5	12	7,3865	15	0	1,1306
6	6	6,7947	16	0	0,8326
7	4	6,0985	17	1	0,6012
8	6	5,3436	18	1	0,4257

9	3	4,0584	9	6	4,5737	19	0	0,2958
10	1	3,2972	10	2	3,826	20	0	0,2017
						21	1	0,3748
Input data: Hlapeck8_2er.dat			Input data: Hlapeck9_2er.dat			Input data: Hlapeck10_2er.dat		
Distribution: Hyperpoisson			Distribution: Hyperpoisson			Distribution: Hyperpoisson		
(a,b)			(a,b)			(a,b)		
Sample size: 120			Sample size: 65			Sample size: 120		
Best method is			Best method is			Best method is		
Method 4 of 5			Method 1 of 5			Method 2 of 5		
Parameters:			Parameters:			Parameters:		
a = 29,4784001605184			a = 18,4282873899706			a = 46,9744528279584		
b = 27,3955940453225			b = 12,854187922681			b = 51,7318527018774		
DF =14			DF =13			DF =13		
X ² = 5,5573			X ² = 21,4369			X ² = 23,3630		
P(X ²) = 0,9764			P(X ²) = 0,0647			P(X ²) = 0,0375		
X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	10	10,62	1	2	2,035	1	16	18,66
2	13	11,43	2	4	2,918	2	23	16,94
3	9	11,87	3	5	3,881	3	17	15,09
4	13	11,9	4	5	4,815	4	3	13,2
5	12	11,54	5	7	5,597	5	14	11,32
6	10	10,84	6	8	6,119	6	11	9,545
7	11	9,862	7	2	6,316	7	6	7,904
8	10	8,705	8	9	6,173	8	11	6,431
9	7	7,46	9	3	5,73	9	7	5,144
10	7	6,213	10	6	5,063	10	6	4,045
11	7	5,032	11	3	4,27	11	1	3,129
12	3	3,967	12	0	3,443	12	3	2,381
13	1	3,046	13	7	2,66	13	0	1,783
14	1	2,279	14	3	1,972	14	0	1,314
15	1	1,663	15	0	1,406	15	0	0,954
16	3	1,184	16	0	0,965	16	0	0,681
17	0	0,824	17	0	0,638	17	0	0,48
18	1	0,559	18	1	1	18	0	0,333
19	1	1				19	0	0,227
						20	2	0,436

Input data: Hlapec K11_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 80
 Best method is
 Method 1 of 5
 Parameters:
 a = 27,7670454545455
 b = 26,3914772727273
 DF =13
 $X^2 = 9,6860$ $P(X^2) = 0,7194$

X[i]	F[i]	NP[i]
1	9	8,1273
2	8	8,5509
3	5	8,6681
4	6	8,4775
5	7	8,0089
6	9	7,3173
7	12	6,4725
8	5	5,5484
9	7	4,6138
10	4	3,7251
11	2	2,9226
12	2	2,23
13	1	1,656
14	1	1,1977
15	1	0,8443
16	0	0,5804
17	1	1,0593

Input data: HlapecK12_2er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 80
 Best method is
 Method 1 of 5
 Parameters:
 a = 32,2895316816298
 b = 28,6597051968232
 DF =15
 $X^2 = 8,6795$ $P(X^2) = 0,8937$

X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	5,2335	21	1	0,234
2	7	5,8964	22	0	0,1553
3	4	6,4192	23	0	0,101
4	6	6,7604	24	0	0,0643
5	12	6,8949	25	0	0,0402
6	8	6,8168	26	0	0,0247
7	7	6,5393	27	0	0,0148
8	5	6,0921	28	0	0,0088
9	6	5,5163	29	0	0,0051
10	3	4,8587	30	0	0,0029
11	4	4,1659	31	0	0,0016
12	3	3,4795	32	0	0,0009
13	2	2,8329	33	0	0,0005
14	2	2,2497	34	0	0,0003
15	3	1,7437	35	0	0,0001
16	1	1,3198	36	0	0,0001
17	0	0,9761	37	0	0
18	2	0,7057	38	0	0
19	0	0,4991	39	1	0
20	0	0,3454			

Input data: HlapecK13_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 126
 Best method is
 Method 1 of 5

X[i]	F[i]	NP[i]
1	9	10,443
2	18	11,504
3	8	12,182
4	13	12,419
5	10	12,205
6	14	11,579
7	12	10,617
8	7	9,4183
9	7	8,0926
10	7	6,7417

Parameters:
 a = 27,3398511100464
 b = 24,8184531563455
 DF =14
 $X^2 = 8,7834$ $P(X^2) = 0,8447$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
11	5	5,4502	21	0	0,1479
12	3	4,2795	22	0	0,0902
13	5	3,2665	23	0	0,0538
14	2	2,4256	24	0	0,0314
15	2	1,7535	25	0	0,018
16	1	1,235	26	1	0,0218
17	1	0,848			
18	0	0,568			
19	0	0,3713			
20	1	0,2371			

Input data: Hlapeck14_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 61
 Best method is
 Method 5 of 5
 Parameters:
 a = 41,9947127535965
 b = 38,6274165800218
 DF =15
 $X^2 = 16,4276$ $P(X^2) = 0,3542$

X[i]	F[i]	NP[i]
1	2	4,0607
2	6	4,4147
3	1	4,6784
4	5	4,8359
5	6	4,8785
6	8	4,8061
7	5	4,6263
8	6	4,3533
9	7	4,0068
10	3	3,6087
11	3	3,1819
12	1	2,7479
13	1	2,3252
14	0	1,9288
15	0	1,5689
16	2	1,2519
17	1	0,9804
18	0	0,7536
19	1	0,5689
20	2	0,4219

Input data: Hlapeck15_2er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 107
 Best method is
 Method 1 of 5
 Parameters:
 a = 25,2851226544175
 b = 21,7602374902267
 DF =14
 $X^2 = 11,3654$ $P(X^2) = 0,6571$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
21	0	0,3075	1	7	7,2023
22	0	0,2202	2	12	8,3689
23	0	0,1551	3	8	9,2973
24	0	0,1074	4	8	9,894
25	0	0,0732	5	15	10,104
26	0	0,0491	6	10	9,9174
27	0	0,0324	7	8	9,3707
28	0	0,0211	8	5	8,5352
29	0	0,0135	9	5	7,5039
30	0	0,0085	10	7	6,3755
31	0	0,0053	11	5	5,2407
32	0	0,0032	12	5	4,1723
33	0	0,0019	13	6	3,2203
34	0	0,0012	14	1	2,4119
35	0	0,0007	15	1	1,7544
36	1	0,0009	16	2	1,2405
			17	1	0,8533
			18	1	1,5376

Input data: Hlapeck16_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 84
 Best method is
 Method 5 of 5

X[i]	F[i]	NP[i]
1	4	5,7192
2	6	6,2729
3	5	6,6857
4	11	6,9299
5	8	6,9908
6	10	6,8685
7	8	6,5769
8	5	6,1418
9	9	5,5968
10	5	4,9799

Parameters:
 a = 37,7088707839986
 b = 34,3804259270539
 DF =16
 $X^2 = 16,3973$ $P(X^2) = 0,4256$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
11	2	4,3288	21	0	0,3288
12	2	3,6781	22	0	0,228
13	0	3,0563	23	0	0,1553
14	0	2,4849	24	0	0,1038
15	2	1,9777	25	0	0,0682
16	1	1,5414	26	0	0,0441
17	0	1,1771	27	0	0,028
18	3	0,881	28	0	0,0175
19	1	0,6466	29	0	0,0107
20	1	0,4655	30	0	0,0065
			31	0	0,0039
			32	0	0,0023
			33	1	0,003

Input data: Hlapeck17_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 98
 Best method is
 Method 1 of 5
 Parameters:
 a = 17,911182742368
 b = 14,3207253412301
 DF =12
 $X^2 = 11,7265$ $P(X^2) = 0,4679$

X[i]	F[i]	NP[i]
1	6	6,2692
2	12	7,841
3	5	9,1667
4	8	10,06
5	14	10,403
6	9	10,17
7	10	9,4284
8	11	8,3104
9	4	6,9815
10	4	5,6022

Input data: Hlapeck18_2er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 21
 Best method is
 Method 5 of 5
 Parameters:
 a = 20,8755125803755
 b = 16,5143229938148
 DF =10
 $X^2 = 7,5848$ $P(X^2) = 0,6693$

X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	1,0969	11	0	1,1288
2	2	1,3865	12	0	0,8888
3	2	1,6526	13	1	0,6743
4	1	1,8634	14	0	0,4937
5	1	1,9934	15	0	0,3492
6	2	2,0285	16	0	0,2389
7	1	1,9682	17	1	0,1582
8	3	1,825	18	0	0,1016
9	4	1,6202	19	1	0,1521
10	1	1,3797			

Input data: Valpet_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 585
 Best method is
 Method 4 of 5
 Parameters:
 a = 53,9563215538401
 b = 53,4615904910687
 DF =22
 $X^2 = 87,7043$ $P(X^2) = 0,0000$

X[i]	F[i]	NP[i]
1	22	52,609
2	41	53,096
3	69	52,603
4	71	51,176
5	54	48,905
6	80	45,922
7	49	42,383
8	35	38,459
9	34	34,321
10	19	30,13
11	27	26,027
12	12	22,129
13	15	18,522
14	8	15,267
15	9	12,394
16	8	9,9131
17	11	7,8128
18	6	6,0688

Input data: Pokljuk_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 170
 Best method is
 Method 4 of 5
 Parameters:
 a = 68,2229884168839
 b = 64,9628595447301
 DF =22
 $X^2 = 26,5866$ $P(X^2) = 0,2273$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	10,366	21	3	1,9126
2	6	10,886	22	1	1,5357
3	11	11,259	23	0	1,2188
4	13	11,471	24	1	0,9562
5	16	11,515	25	0	0,7416
6	13	11,392	26	0	0,5687
7	8	11,108	27	2	0,4313
8	15	10,679	28	0	0,3235
9	13	10,124	29	0	0,24
10	11	9,4666	30	0	0,1761
11	11	8,732	31	0	0,1279
12	8	7,9469	32	0	0,0919
13	6	7,1372	33	0	0,0653
14	4	6,3267	34	0	0,0459
15	9	5,5363	35	2	0,0988
16	4	4,7833			
17	7	4,081			
18	3	3,4388			

19 1 4,6472
 20 1 3,5088

19 0 2,8624
 20 1 2,3538

Input data: Krpan_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 381
 Best method is
 Method 4 of 5

Parameters:
 a = 92,664246377819
 b = 95,995083212277
 DF =24
 $X^2 = 56,8990$ $P(X^2) = 0,0002$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	10	36,202	21	3	2,7883	41	0	0,0066
2	38	34,946	22	3	2,2275	42	0	0,0045
3	40	33,386	23	1	1,7643	43	0	0,003
4	40	31,57	24	0	1,3855	44	0	0,002
5	46	29,551	25	1	1,0789	45	0	0,0014
6	35	27,384	26	0	0,8332	46	0	0,0009
7	29	25,125	27	1	0,6381	47	0	0,0006
8	16	22,827	28	0	0,4847	48	0	0,0004
9	17	20,537	29	1	0,3652	49	0	0,0003
10	14	18,3	30	0	0,2729	50	0	0,0002
11	19	16,151	31	0	0,2023	51	0	0,0001
12	9	14,119	32	0	0,1488	52	0	0,0001
13	11	12,228	33	0	0,1086	53	1	0,0001
14	11	10,492	34	1	0,0786			
15	5	8,9202	35	0	0,0565			
16	13	7,5147	36	0	0,0402			
17	10	6,2737	37	0	0,0285			
18	4	5,1908	38	0	0,02			
19	1	4,2568	39	0	0,0139			
20	1	3,4603	40	0	0,0096			

Input data:
Mackova_3er.dat
Distribution: Hyperpoisson
(a,b)
Sample size: 118
Best method is
Method 4 of 5
Parameters:
a = 25,7278885206975
b = 27,0212303923251
DF =11
 $X^2 = 10,6385$ $P(X^2) = 0,4740$

X[i]	F[i]	NP[i]	X[i]
1	11	18,255	16
2	24	17,381	17
3	17	15,958	18
4	12	14,147	19
5	12	12,124	20
6	12	10,055	21
7	5	8,079	
8	9	6,2946	
9	6	4,7602	
10	3	3,497	
11	4	2,4977	
12	1	1,7358	
13	0	1,1746	
14	1	0,7744	
15	0	0,4978	

Input data:
Ponkrcev_3er.dat*
Distribution: Hyperpoisson
(a,b)
Sample size: 191
Best method is
Method 2 of 5
Parameters:
a = 21,2258457306461
b = 23,0524223881435
DF =11
 $X^2 = 19,0062$ $P(X^2) = 0,0610$

X[i]*	F[i]	NP[i]	X[i]*
1	26	34,784	1
2	46	32,028	2
3	30	28,264	3
4	20	23,947	4
5	19	19,51	5
6	16	15,308	6
7	6	11,583	7
8	14	8,4625	8
9	5	5,977	9
10	1	4,0856	10
11	4	2,7056	11
12	1	1,7375	12
13	1	1,083	13
14	2	1,5254	14

Input data:
PonkrcevK1_3er.dat#
Distribution: Hyperpoisson
(a,b)
Sample size: 76
Best method is
Method 2 of 5
Parameters:
a = 14,634271241515
b = 14,4790406767646
DF =8
 $X^2 = 7,6725$ $P(X^2) = 0,4661$

X[i]#	F[i]	NP[i]	X[i]#
1	12	11,974	1
2	14	12,102	2
3	13	11,441	3
4	6	10,161	4
5	8	8,5069	5
6	8	6,7369	6
7	3	5,0613	7
8	7	3,6168	8
9	3	2,4642	9
10	0	1,6043	10
11	1	0,9999	11
12	0	0,5978	12
13	0	0,3433	13
14	1	0,3912	14

Input data: PonkrcevK2_3er.dat
Distribution: Hyperpoisson (a,b)
Sample size: 44
Best method is
Method 2 of 5
Parameters:
a = 12,5591511480429
b = 12,2987147831355
DF =7
 $X^2 = 8,9609$ $P(X^2) = 0,2555$

X[i]	F[i]	NP[i]	X[i]
1	2	7,168	1
2	11	7,32	2
3	9	6,913	3
4	7	6,072	4
5	5	4,984	5
6	1	3,841	6
7	3	2,788	7
8	2	1,914	8
9	2	1,246	9
10	0	0,771	10
11	1	0,454	11
12	1	0,531	12

Input data: PonkrcevK3_3er.dat
Distribution: Hyperpoisson (a,b)
Sample size: 71
Best method is
Method 2 of 5
Parameters:
a = 51,9213723623519
b = 63,8523298194314
DF =9
 $X^2 = 15,6853$ $P(X^2) = 0,0738$

X[i]	F[i]	NP[i]	X[i]
1	211	221,4	1
2	225	225,6	2
3	199	216,1	3
4	240	195,3	4
5	192	167	5
6	144	135,7	6
7	90	104,8	7
8	57	77,29	8
9	50	54,48	9
10	26	36,77	10
11	17	23,82	11
12	20	14,83	12

Input data: Hlapec_3er.dat
Distribution: Hyperpoisson (a,b)
Sample size: 1493
Best method is
Method 1 of 5
min. size: 20
a = 16,0041575722131
b = 15,7078809824647
DF =9
 $X^2 = 27,5458$ $P(X^2) = 0,0011$
C = 0,0184

X[i]	F[i]	NP[i]	X[i]
16	0	1,541	16
17	2	0,803	17
18	0	0,406	18
19	0	0,198	19
20	0	0,094	20
21	0	0,043	21
22	2	0,02	22
23	0	0,009	23
24	1	0,004	24
25	0	0,002	25
26	1	0,00	26
27	0	0,00	27

13	1	0,496	13	9	8,886	28	0	0,00
14	1	1	14	6	5,133	29	0	0
			15	0	2,861	30	0	0

Input data: HlapecK1_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 47
 Best method is
 Method 5 of 5
 Parameters:
 a = 7,13628833845557
 b = 4,88549195124035
 DF =7

$X^2 = 9,4892$ $P(X^2) = 0,2194$

X[i]	F[i]	NP[i]	X[i]*
1	6	4,1064	1
2	4	5,9983	2
3	6	7,273	3
4	11	7,5379	4
5	10	6,8217	5
6	2	5,4788	6
7	3	3,9551	7
8	1	2,5929	8
9	1	1,5568	9
10	0	0,8622	10
11	1	0,4431	11
12	0	0,2124	12
13	0	0,0954	
14	2	0,0658	

Input data: HlapecK2_3er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 92
 Best method is
 Method 4 of 5
 Parameters:
 a = 18,7173796298344
 b = 20,6815527766522
 DF =8

$X^2 = 4,8366$ $P(X^2) = 0,7749$

F[i]	NP[i]	X[i]#	F[i]
15	18,182	1	10
23	16,455	2	23
12	14,205	3	7
10	11,722	4	15
11	9,2651	5	13
6	7,0263	6	12
5	5,1209	7	2
3	3,5924	8	2
3	2,4291	9	2
1	1,5852	10	0
1	0,9996	11	1
2	1,4177	12	2
		13	0
		14	0
		15	0

Input data: HlapecK3_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 90
 Best method is
 Method 1 of 5
 Parameters:
 a = 8,34899554827193
 b = 7,39828919716672
 DF =7

$X^2 = 16,2364$ $P(X^2) = 0,0230$

F[i]	NP[i]	X[i]	F[i]	NP[i]
13,705	16	0	0,0081	
15,466	17	1	0,0046	
15,375				
13,659				
10,967				
8,033				
5,4094				
3,3708				
1,9546				
1,0598				
0,5396				
0,2589				
0,1175				
0,0506				
0,0207				

Input data: HlapecK4_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 61
 Best method is
 Method 1 of 5
 Parameters:
 a = 29,5440545445102
 b = 34,1332963770557
 DF =8

$X^2 = 9,5363$ $P(X^2) = 0,2991$

X[i]	F[i]	NP[i]	X[i]	F[i]
1	10	12,3	16	0
2	15	10,65	17	0
3	8	8,956	18	0
4	7	7,323	19	0
5	6	5,826	20	0
6	5	4,514	21	0
7	1	3,408	22	1
8	0	2,509	23	0
9	2	1,802	24	0
10	4	1,263	25	0
11	0	0,865	26	0
12	1	0,579	27	0
13	0	0,379	28	0

Input data: HlapecK5_3er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 81
 Best method is
 Method 2 of 5
 Parameters:
 a = 17,971846044022
 b = 21,0024781819772
 DF =7

$X^2 = 7,3907$ $P(X^2) = 0,3894$

NP[i]	X[i]	F[i]	NP[i]	X[i]*
0,093	31	0	0	1
0,056	32	0	0	2
0,033	33	1	0	3
0,019				4
0,011				5
0,006				6
0,003				7
0,002				8
0,00				9
0,00				10
0,00				11
0,00				12
0,00				13

Input data: HlapecK6_3er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 81
 Best method is
 Method 2 of 5
 Parameters:
 a = 17,8180467646797
 b = 18,9921525330006
 DF =8

$X^2 = 9,9835$ $P(X^2) = 0,2662$

F[i]	NP[i]	X[i]#	F[i]	NP[i]
19	18,6	1	10	14,71
13	15,91	2	17	13,8
16	13	3	14	12,3
9	10,16	4	14	10,44
5	7,604	5	11	8,46
10	5,466	6	4	6,556
4	3,778	7	2	4,869
1	2,514	8	1	3,471
2	1,614	9	2	2,38
0	1	10	4	1,571
0	0,599	11	0	1
1	0,347	12	2	1,435
1	0,414			

14 0 0,243 29 0 0
 15 0 0,152 30 0 0

Input data: HlapecK7_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 79
 Best method is
 Method 2 of 5
 Parameters:
 a = 15,8991088565214
 b = 15,6907853251887
 DF =9

$X^2 = 7,7602$ $P(X^2) = 0,5585$

X[i]	F[i]	NP[i]
1	7	11,94
2	15	12,1
3	15	11,53
4	11	10,36
5	8	8,813
6	8	7,116
7	3	5,468
8	5	4,008
9	4	2,809
10	0	1,885
11	0	1,214
12	2	0,751
13	0	0,447
14	1	0,553

Input data: HlapecK8_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 120
 Best method is
 Method 2 of 5
 Parameters:
 a = 11,9286738127882
 b = 10,6740059827994
 DF =9

$X^2 = 7,3879$ $P(X^2) = 0,5968$

X[i]	F[i]	NP[i]
1	17	15,53
2	15	17,35
3	21	17,73
4	14	16,69
5	19	14,56
6	9	11,83
7	9	9,006
8	8	6,443
9	1	4,349
10	2	2,778
11	3	1,684
12	1	0,972
13	1	1,083

Input data: HlapecK9_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 65
 Best method is
 Method 1 of 5
 Parameters:
 a = 10,6153205422794
 b = 7,45341312184053
 DF =9

$X^2 = 20,0719$ $P(X^2) = 0,0175$

X[i]	F[i]	NP[i]
1	6	4,173
2	5	5,944
3	8	7,464
4	12	8,381
5	6	8,511
6	8	7,888
7	7	6,724
8	2	5,305
9	10	3,897
10	0	2,677
11	0	1,727
12	1	2,311

Input data:
 HlapecK10_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 120
 Best method is
 Method 5 of 5
 Parameters:
 a = 11,2558027145975
 b = 12,4839090170128
 DF =7

$X^2 = 12,5055$ $P(X^2) = 0,0851$

X[i]	F[i]	NP[i]	X[i]*
1	28	27,31	1
2	28	24,62	2
3	8	20,56	3
4	20	15,97	4
5	15	11,61	5
6	9	7,929	6
7	6	5,105	7
8	4	3,108	8
9	0	1,796	9
10	0	0,987	10
11	0	0,517	11
12	0	0,259	
13	2	0,224	

Input data:
 HlapecK11_3er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 80
 Best method is
 Method 1 of 5
 Parameters:
 a = 7,9121591520086
 b = 6,31415431292726
 DF =8

$X^2 = 6,1637$ $P(X^2) = 0,6289$

F[i]	NP[i]	X[i]#
11	9,675	1
11	12,12	2
7	13,11	3
15	12,48	4
15	10,6	5
9	8,133	6
4	5,688	7
4	3,654	8
2	2,172	9
1	1,2	10
1	1,157	11
		12
		13
		14

Input data:
 HlapecK12_3er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 80
 Best method is
 Method 5 of 5
 Parameters:
 a = 12,3064415713097
 b = 10,2056415399634
 DF =9

$X^2 = 4,7890$ $P(X^2) = 0,8523$

NP[i]	X[i]	F[i]	NP[i]
7,999	16	0	0,087
9,645	17	0	0,042
10,59	18	0	0,02
10,68	19	0	0,009
9,953	20	0	0,004
8,622	21	0	0,002
6,978	22	0	0,00
5,299	23	0	0,00
3,79	24	0	0,00
2,562	25	0	0
1,642	26	1	0
		1	
		0,58	
		0,322	

Input data: HlapecK13_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 126
 Best method is
 Method 3 of 5
 Parameters:
 a = 14,4960708066642
 b = 13,6907335396273
 DF =10

$X^2 = 3,7210$ $P(X^2) = 0,9591$

X[i]	F[i]	NP[i]	X[i]	F[i]
1	17	17,36	16	0
2	18	18,38	17	1
3	15	18,14		
4	22	16,76		
5	15	14,55		
6	11	11,92		
7	10	9,248		
8	5	6,808		
9	5	4,77		
10	4	3,188		
11	1	2,037		
12	1	1,246		
13	0	0,732		
14	1	0,413		
15	0	0,224		

Input data: HlapecK14_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 61
 Best method is
 Method 5 of 5
 Parameters:
 a = 24,5284067398861
 b = 24,1500732683141
 DF =10

$X^2 = 17,7635$ $P(X^2) = 0,0591$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	8	7,607	16	0,117	0,117
2	1	7,727	17	0,113	0,113
3	9	7,536	18		
4	10	7,068	19		
5	7	6,386	20		
6	11	5,564	21		
7	4	4,682	22		
8	3	3,809	23		
9	1	2,999	24		
10	0	2,288			
11	3	1,693			
12	0	1,216			
13	2	0,849			
14	1	0,576			
15	0	0,38			

Input data: HlapecK15_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 107
 Best method is
 Method 1 of 5
 Parameters:
 a = 13,3110575845844
 b = 11,9792544252745
 DF =9

$X^2 = 4,6895$ $P(X^2) = 0,8605$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	0,244	14	13,26	13,26
2	0	0,153	13	14,73	14,73
3	0	0,094	15	15,11	15,11
4	0	0,056	18	14,39	14,39
5	0	0,033	12	12,79	12,79
6	0	0,018	6	10,65	10,65
7	0	0,01	10	8,35	8,35
8	0	0,006	7	6,182	6,182
9	1	0,006	6	4,336	4,336
10			2	2,889	2,889
11			2	1,833	1,833
12			2	2,487	2,487

Input data: HlapecK16_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 84
 Best method is
 Method 1 of 5
 Parameters:
 a = 18,0594908743703
 b = 16,2802080412793
 DF =11

$X^2 = 14,3700$ $P(X^2) = 0,2132$

X[i]	F[i]	NP[i]
1	8	8,776
2	7	9,735
3	13	10,17
4	16	10,05
5	11	9,415
6	11	8,384
7	5	7,115
8	4	5,767
9	0	4,474
10	2	3,328
11	1	2,377
12	3	1,634
13	2	1,081

Input data: HlapecK17_3er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 98
 Best method is
 Method 1 of 5
 Parameters:
 a = 11,0452205882353
 b = 9,82169117647059
 DF =8

$X^2 = 7,8622$ $P(X^2) = 0,4470$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
16	0	0,254	1	15	12,99
17	0	0,147	2	8	14,61
18	0	0,082	3	13	14,91
19	0	0,045	4	18	13,93
20	0	0,024	5	16	12
21	0	0,012	6	9	9,589
22	1	0,011	7	7	7,146
			8	4	4,988
			9	4	3,275
			10	3	2,03
			11	1	2,542

14 0 0,691
15 0 0,426

Input data: HlapecK18_3er.dat
Distribution: Hyperpoisson (a,b)
Sample size: 21
Best method is
Method 3 of 5
Parameters:
a = 8,39138655281066
b = 5,59425770187378
DF =6

$X^2 = 8,1288$ $P(X^2) = 0,2288$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	2	1,453	1	36	75,93
2	3	2,18	2	96	78,46
3	1	2,774	3	94	76,99
4	3	3,066	4	111	71,94
5	2	2,993	5	69	64,14
6	6	2,618	6	49	54,7
7	1	2,074	7	34	44,69
8	0	1,501	8	24	35,04
9	1	1	9	19	26,42
10	0	0,617	10	13	19,18
11	1	0,355	11	11	13,42
12	0	0,191	12	14	9,067
13	1	0,178	13	2	5,921
			14	2	3,741
			15	4	2,29

Input data: Valpet_3er.dat*
Distribution: Hyperpoisson (a,b)
Sample size: 585
Best method is
Method 4 of 5
Parameters:
a = 19,5184655137063
b = 18,8900050133042
DF =14

$X^2 = 75,3810$ $P(X^2) = 0,0000$

X[i]	F[i]	NP[i]	X[i]#
16	2	1,359	1
17	2	0,783	2
18	0	0,438	3
19	1	0,238	4
20	0	0,126	5
21	2	0,127	6
			7
			8
			9
			10
			11
			12
			13
			14
			15
			16

Input data: Pokljuk_3er.dat#
Distribution: Hyperpoisson (a,b)
Sample size: 170
Best method is
Method 4 of 5
Parameters:
a = 27,0331300261589
b = 24,6474543132145
DF =15

$X^2 = 19,4839$ $P(X^2) = 0,1926$

F[i]	NP[i]	X[i]	F[i]	NP[i]
5	14,49	17	0	1,072
14	15,9	18	2	0,713
24	16,76	19	0	0,463
18	17	20	0	0,293
15	16,62	21	0	0,182
21	15,68	22	0	0,11
18	14,3	23	1	0,065
12	12,62	24	1	0,085
9	10,78			
10	8,923			
9	7,169			
5	5,593			
0	4,242			
4	3,129			
1	2,247			
1	1,572			

Input data: Krpan_3er.dat
Distribution: Hyperpoisson (a,b)
Sample size: 381
Best method is
Method 4 of 5

Parameters:
a = 35,0215030469622
b = 36,6972352798662
DF =15
 $X^2 = 47,7253$ $P(X^2) = 0,0000$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	26	52,875	16	0	2,0587	31	0	0,0009
2	62	50,461	17	1	1,3946	32	0	0,0005
3	69	46,879	18	1	0,9268	33	0	0,0003
4	52	42,426	19	0	0,6045	34	0	0,0001
5	40	37,429	20	1	0,387	35	1	0,0001
6	22	32,209	21	0	0,2434			
7	20	27,052	22	0	0,1503			
8	22	22,189	23	1	0,0912			
9	15	17,784	24	0	0,0544			
10	12	13,934	25	0	0,0319			
11	18	10,679	26	0	0,0184			
12	9	8,0087	27	0	0,0105			
13	1	5,8804	28	0	0,0058			
14	4	4,229	29	0	0,0032			
15	4	2,9802	30	0	0,0017			

Input data: Mackova_4er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 118
 Best method is
 Method 4 of 5
 Parameters:
 a = 13,0377368479959
 b = 13,7645532569947
 DF =8

$X^2 = 4,1032$ $P(X^2) = 0,8477$

X[i]	F[i]	NP[i]
1	21	23,01
2	26	21,8
3	17	19,25
4	16	15,92
5	12	12,38
6	10	9,086
7	7	6,313
8	6	4,164
9	1	2,615
10	0	1,566
11	1	0,897
12	0	0,492
13	0	0,259
14	0	0,131
15	0	0,064
16	1	0,054

Input data: Ponkrcev_4er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 191
 Best method is
 Method 2 of 5
 Parameters:
 a = 10,03030943994
 b = 10,9367899857898
 DF =8

$X^2 = 12,3303$ $P(X^2) = 0,1371$

X[i]	F[i]	NP[i]
1	37	43,26
2	50	39,67
3	35	33,34
4	24	25,85
5	13	18,6
6	18	12,49
7	6	7,862
8	1	4,656
9	4	2,604
10	2	1,379
11	1	1,291

Input data: PonkrcevK1_4er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 76
 Best method is
 Method 4 of 5
 Parameters:
 a = 7,54679979730453
 b = 7,22792621313385
 DF =6

$X^2 = 6,3853$ $P(X^2) = 0,3814$

X[i]	F[i]	NP[i]
1	14	14,43
2	19	15,07
3	12	13,82
4	8	11,31
5	9	8,342
6	9	5,607
7	3	3,46
8	0	1,974
9	1	1,047
10	1	0,937

Input data: PonkrcevK2_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 44
 Best method is
 Method 1 of 5
 Parameters:
 a = 3,92931716506546
 b = 2,67158054661106
 DF =5

$X^2 = 8,0173$ $P(X^2) = 0,1553$

X[i]	F[i]	NP[i]
1	4	6,0216
2	12	8,8565
3	13	9,4782
4	6	7,9722
5	1	5,5232
6	4	3,253
7	2	1,6661
8	1	0,755
9	1	0,4741

Input data: PonkrcevK3_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 71
 Best method is
 Method 2 of 5
 Parameters:
 a = 30,4619961197999
 b = 41,0841060654176
 DF =6
 $X^2 = 4,3651$ $P(X^2) = 0,6274$

X[i]	F[i]	NP[i]	X[i]*
1	19	20,82	1
2	19	15,43	2
3	10	11,17	3
4	10	7,899	4
5	3	5,458	5
6	5	3,688	6
7	1	2,438	7
8	0	1,577	8
9	2	0,999	9
10	1	0,62	10
11	1	0,902	11
			12
			13
			14
			15

Input data: Hlapec_4er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 1493
 Best method is
 Method 1 of 5
 min. size: 20
 a = 8,76511085366185
 b = 9,07494074320999
 DF =6
 $X^2 = 27,2102$ $P(X^2) = 0,0001$
 C = 0,0182

F[i]	NP[i]	X[i]	F[i]
301	316,2	16	0
261	305,4	17	2
313	265,7	18	1
241	210,3	19	0
160	152,6	20	1
82	102,3	21	0
59	63,73	22	0
30	37,05	23	0
24	20,2	24	0
12	10,37	25	1
3	5,029		
0	2,311		
2	1,009		
0	0,42		
0	0,167		

Input data: HlapecK1_4er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 47
 Best method is
 Method 3 of 5
 Parameters:
 a = 3,86316482837384
 b = 2,89737362128038
 DF =4
 $X^2 = 8,0444$ $P(X^2) = 0,0900$

X[i]#	F[i]	NP[i]
1	6	7,731
2	8	10,31
3	13	10,22
4	12	8,06
5	1	5,28
6	3	2,957
7	1	1,447
8	1	0,628
9	0	0,245
10	1	0,087
11	1	0,04

Input data: HlapecK2_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 92
 Best method is
 Method 1 of 5
 Parameters:
 a = 25,3744476318359
 b = 34,9805162217882
 DF =6
 $X^2 = 4,0295$ $P(X^2) = 0,6727$

X[i]	F[i]	NP[i]	X[i]*
1	29	28,597	1
2	18	20,744	2
3	13	14,629	3
4	15	10,038	4
5	6	6,7062	5
6	4	4,3654	6
7	4	2,7706	7
8	1	1,7155	8
9	2	2,4347	9
			10
			11
			12
			13

Input data: HlapecK3_4er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 90
 Best method is
 Method 1 of 5
 Parameters:
 a = 7,23067386231038
 b = 7,18582263710618
 DF =6
 $X^2 = 4,5064$ $P(X^2) = 0,6085$

F[i]	NP[i]	X[i]#	F[i]
18	18,73	1	14
18	18,847	2	17
19	16,648	3	9
16	13,105	4	7
10	9,3026	5	5
3	6,0133	6	0
2	3,5681	7	2
1	1,9566	8	4
2	0,9973	9	1
0	0,4749	10	0
0	0,2121	11	0
0	0,0893	12	0
1	0,0561	13	0

Input data: HlapecK4_4er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 61
 Best method is
 Method 1 of 5
 Parameters:
 a = 22,0090708142396
 b = 27,7199919279064
 DF =6
 $X^2 = 7,8950$ $P(X^2) = 0,2459$

X[i]	F[i]	NP[i]
16	0	0,0194
17	1	0,01
18	0	0,005
19	0	0,0025
20	0	0,0012
21	0	0,0006
22	0	0,0003
23	0	0,0001
24	0	0,0001
25	1	0

14 0 0,0679
 15 0 0,0367

Input data: HlapecK5_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 81
 Best method is
 Method 1 of 5
 Parameters:
 a = 8,16944204152249
 b = 9,852151816609
 DF =5

$X^2 = 1,6184$ $P(X^2) = 0,8990$

X[i]	F[i]	NP[i]
1	23	23,19
2	16	19,23
3	18	14,48
4	10	9,979
5	7	6,343
6	3	3,741
7	2	2,058
8	0	1,06
9	1	0,514
10	1	0,405

Input data: HlapecK6_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 81
 Best method is
 Method 2 of 5
 Parameters:
 a = 9,25174334418977
 b = 10,3498187733089
 DF =6

$X^2 = 5,1142$ $P(X^2) = 0,5292$

X[i]	F[i]	NP[i]
1	18	19,72
2	19	17,63
3	18	14,37
4	12	10,77
5	4	7,462
6	2	4,811
7	4	2,9
8	2	1,641
9	2	1,693

Input data: HlapecK7_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 79
 Best method is
 Method 3 of 5
 Parameters:
 a = 4,49543500073219
 b = 3,4376855887952
 DF =5

$X^2 = 1,8248$ $P(X^2) = 0,8728$

X[i]	F[i]	NP[i]
1	13	12,35
2	17	16,14
3	18	16,35
4	10	13,52
5	8	9,441
6	6	5,706
7	4	3,04
8	0	1,448
9	2	0,624
10	0	0,245
11	1	0,131

Input data: HlapecK8_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 120
 Best method is
 Method 4 of 5
 Parameters:
 a = 6,34989051802527
 b = 5,73537751591497
 DF =7

$X^2 = 3,3532$ $P(X^2) = 0,8505$

X[i]	F[i]	NP[i]
1	23	21,73
2	22	24,05
3	22	22,68
4	21	18,62
5	14	13,53
6	10	8,827
7	2	5,221
8	4	2,825
9	1	1,409
10	1	1,111

Input data: HlapecK9_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 65
 Best method is
 Method 3 of 5
 Parameters:
 a = 5,14457702636719
 b = 3,08674621582031
 DF =6

$X^2 = 13,4121$ $P(X^2) = 0,0369$

X[i]	F[i]	NP[i]
1	6	5,553
2	10	9,255
3	15	11,65
4	11	11,78
5	9	9,959
6	3	7,23
7	10	4,599
8	0	2,604
9	1	2,366

Input data: HlapecK10_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 120
 Best method is
 Method 2 of 5
 Parameters:
 a = 7,19464148264965
 b = 8,74530246942761
 DF =5

$X^2 = 8,9996$ $P(X^2) = 0,1091$

X[i]	F[i]	NP[i]
1	39	35,67
2	20	29,35
3	25	21,67
4	17	14,51
5	13	8,886
6	4	5,016
7	0	2,626
8	0	1,281
9	0	0,585
10	2	0,414

Input data:
 Hlapeck11_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 80
 Best method is
 Method 4 of 5
 Parameters:
 a = 5,61089490524083
 b = 5,16482290278268
 DF =6
 $X^2 = 5,5969$ $P(X^2) = 0,4698$

X[i]	F[i]	NP[i]	X[i]*
1	17	15,85	1
2	11	17,22	2
3	16	15,67	3
4	17	12,27	4
5	11	8,433	5
6	4	5,163	6
7	2	2,85	7
8	1	1,432	8
9	1	1,116	9
			10
			11
			12
			13
			14
			15

Input data:
 Hlapeck12_4er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 80
 Best method is
 Method 1 of 5
 Parameters:
 a = 9,23825746456195
 b = 8,55881998280037
 DF =7
 $X^2 = 5,4284$ $P(X^2) = 0,6078$

F[i]	NP[i]	X[i]	F[i]
10	12,92	16	0
10	13,95	17	0
20	13,48	18	0
12	11,79	19	0
9	9,426	20	1
7	6,934		
4	4,725		
4	2,998		
2	1,78		
0	0,993		
1	0,523		
0	0,26		
0	0,123		
0	0,055		
0	0,024		

Input data:
 Hlapeck13_4er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 126
 Best method is
 Method 4 of 5
 Parameters:
 a = 10,3980613506153
 b = 11,1298890349774
 DF =8
 $X^2 = 2,2287$ $P(X^2) = 0,9732$

NP[i]	X[i]#	F[i]	NP[i]
0,01	1	27	27,16
0,004	2	21	25,38
0,001	3	24	21,75
0,00	4	19	17,23
0,00	5	14	12,68
	6	8	8,713
	7	7	5,617
	8	3	3,409
	9	1	1,955
	10	1	1,063
	11	0	0,549
	12	0	0,27
	13	1	0,225

Input data: Hlapeck14_4er.dat
 Distribution:
 Hyperpoisson (a,b)
 Sample size: 61
 Best method is
 Method 1 of 5
 Parameters:
 a = 12,8415640613061
 b = 12,0675421176053
 DF =8
 $X^2 = 10,0780$ $P(X^2) = 0,2596$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	8	8,771	16	0	0,035
2	6	9,334	17	0	0,017
3	14	9,172	18	1	0,013
4	11	8,373			
5	10	7,136			
6	4	5,703			
7	1	4,291			
8	2	3,05			
9	1	2,054			
10	3	1,314			
11	0	0,801			
12	0	0,466			
13	0	0,26			
14	0	0,139			

Input data: Hlapeck15_4er.dat*
 Distribution:
 Hyperpoisson (a,b)
 Sample size: 107
 Best method is
 Method 1 of 5
 Parameters:
 a = 6,75222400197142
 b = 5,90909622966979
 DF =6
 $X^2 = 4,3064$ $P(X^2) = 0,6353$

F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#
19	17,62	1	19	17,62	1
16	20,13	2	16	20,13	2
25	19,68	3	25	19,68	3
13	16,8	4	13	16,8	4
12	12,73	5	12	12,73	5
10	8,675	6	10	8,675	6
7	5,369	7	7	5,369	7
3	3,044	8	3	3,044	8
2	2,958	9	2	2,958	9
					10
					11
					12
					13
					14

Input data:
 Hlapeck16_4er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 84
 Best method is
 Method 5 of 5
 Parameters:
 a = 9,70735485904513
 b = 9,05501372487596
 DF =8
 $X^2 = 11,8573$ $P(X^2) = 0,1577$

F[i]	NP[i]	X[i]	F[i]	NP[i]
10	13,49	16	0	0,013
16	14,46	17	1	0,008
18	13,96			
13	12,26			
14	9,871			
4	7,34			
0	5,069			
3	3,269			
3	1,976			
2	1,125			
0	0,605			
0	0,308			
0	0,149			
0	0,069			

15 0 0,071

15 0 0,03

Input data: Hlapeck17_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 98
 Best method is
 Method 1 of 5
 Parameters:
 a = 4,91590909090909
 b = 3,92198863636364
 DF =6

X² = 7,2597 P(X²) = 0,2975

X[i]	F[i]	NP[i]	X[i]*
1	18	15,78	1
2	13	19,78	2
3	23	19,75	3
4	21	16,4	4
5	8	11,65	5
6	7	7,226	6
7	6	3,982	7
8	1	1,973	8
9	1	1,466	9
			10

Input data: Hlapeck18_4er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 21
 Best method is
 Method 2 of 5
 Parameters:
 a = 8,28008719232064
 b = 7,17095786572782
 DF =5

X² = 4,5669 P(X²) = 0,4710

F[i]	NP[i]	X[i]#	F[i]
3	3,037	1	63
3	3,507	2	140
3	3,554	3	134
4	3,209	4	84
5	2,612	5	53
0	1,936	6	39
1	1,317	7	23
0	0,828	8	17
1	0,484	9	17
1	0,516	10	2

Input data: Valpet_4er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 585
 Best method is
 Method 4 of 5
 Parameters:
 a = 10,2324431619821
 b = 9,97927312262234
 DF =10

X² = 60,4645 P(X²) = 0,0000

NP[i]	X[i]	F[i]	NP[i]
102,5	11	6	3,904
105,1	12	2	1,999
97,92	13	2	0,975
83,64	14	1	0,454
65,94	15	0	0,202
48,26	16	2	0,144
32,97			
21,11			
12,72			
7,241			

Input data: Pokljuk_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 170
 Best method is
 Method 5 of 5
 Parameters:
 a = 10,1883800496434
 b = 7,68567715347462
 DF =10

X² = 14,8236 P(X²) = 0,1386

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	8	14,45	16	0	0,122
2	24	19,16	17	0	0,055
3	29	22,47	18	2	0,039
4	23	23,64			
5	24	22,54			
6	19	19,65			
7	10	15,78			
8	13	11,75			
9	10	8,151			
10	1	5,295			
11	4	3,233			
12	1	1,862			
13	0	1,016			
14	2	0,526			
15	0	0,259			

Input data: Krpan_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 381
 Best method is
 Method 4 of 5
 Parameters:
 a = 17,2666997164056
 b = 18,4816051015144
 DF =11

X² = 30,4301 P(X²) = 0,0014

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	48	70,67	16	0	0,257
2	80	66,02	17	1	0,133
3	81	58,52	18	0	0,066
4	45	49,33	19	0	0,032
5	31	39,65	20	0	0,015
6	28	30,45	21	0	0,007
7	22	22,39	22	0	0,003
8	18	15,79	23	0	0,001
9	14	10,7	24	0	0,00
10	2	6,978	25	0	0,00
11	6	4,385	26	0	0,00
12	1	2,658	27	1	0,00
13	1	1,557			
14	1	0,882			
15	1	0,484			

Input data: Mackova_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 118
 Best method is
 Method 1 of 5
 Parameters:
 a = 8,07691619138244
 b = 8,98396832466998
 DF =6

$X^2 = 2,1347$ $P(X^2) = 0,9069$

X[i]	F[i]	NP[i]
1	29	29,43
2	25	26,46
3	22	21,4
4	16	15,74
5	14	10,61
6	5	6,598
7	4	3,811
8	1	2,054
9	1	1,038
10	0	0,494
11	0	0,222
12	0	0,094
13	1	0,061

Input data: Ponkrcev_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 191
 Best method is
 Method 4 of 5
 Parameters:
 a = 6,58413648863982
 b = 7,91738703212783
 DF =6

$X^2 = 7,9092$ $P(X^2) = 0,2448$

X[i]	F[i]	NP[i]
1	56	56,83
2	55	47,26
3	30	34,89
4	18	23,17
5	20	13,97
6	4	7,719
7	5	3,934
8	2	1,861
9	1	1,367

Input data: PonkrcevK1_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 76
 Best method is
 Method 5 of 5
 Parameters:
 a = 5,47578958600027
 b = 6,03207318995442
 DF =5

$X^2 = 4,5687$ $P(X^2) = 0,4707$

X[i]	F[i]	NP[i]
1	22	20,61
2	20	18,71
3	11	14,57
4	9	9,932
5	10	6,021
6	2	3,287
7	1	1,631
8	1	1,243

Input data:
 PonkrecevK2_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 44
 Best method is
 Method 1 of 5
 Parameters:
 a = 3,13271041744012
 b = 2,76592031701819
 DF =3

$X^2 = 5,5892$ $P(X^2) = 0,1334$

X[i]	F[i]	NP[i]
1	9	10,28
2	16	11,64
3	9	9,682
4	2	6,364
5	5	3,458
6	1	1,601
7	2	0,98

Input data: PonkrcevK3_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 71
 Best method is
 Method 2 of 5
 Parameters:
 a = 18,2935256071806
 b = 26,6048788938754
 DF =5

$X^2 = 1,6343$ $P(X^2) = 0,8971$

X[i]	F[i]	NP[i]
1	25	24,84
2	19	17,08
3	10	11,32
4	7	7,237
5	5	4,472
6	1	2,673
7	2	1,547
8	1	0,868
9	1	0,973

Input data: Hlapec_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 1493
 Best method is
 Method 3 of 5
 min. size: 10
 a = 4,69387974545756
 b = 4,85034240363948
 DF =5

$X^2 = 11,4075$ $P(X^2) = 0,0439$
 C = 0,0076

X[i]	F[i]	NP[i]
1	372	382,9
2	360	370,5
3	335	297,3
4	209	203,7
5	105	121,8
6	53	64,6
7	32	30,78
8	17	13,32
9	3	5,274
10	1	1,927
11	1	0,653
12	0	0,206
13	1	0,061
14	1	0,017
15	1	0,005

Input data: HlapecK1_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 47
 Best method is
 Method 3 of 5
 Parameters:
 a = 1,88117647058824
 b = 0,877882352941177
 DF =3

$X^2 = 5,9222$ $P(X^2) = 0,1155$

X[i]	F[i]	NP[i]
1	7	6,065
2	15	13
3	15	13,02
4	3	8,51
5	3	4,128
6	1	1,592
7	1	0,51
8	1	0,139
9	1	0,042

Input data: HlapecK2_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 92
 Best method is
 Method 1 of 5
 Parameters:
 a = 8,77079439252336
 b = 12,352453271028
 DF =5

$X^2 = 1,0000$ $P(X^2) = 0,9626$

X[i]	F[i]	NP[i]
1	33	32,58
2	21	23,13
3	17	15,19
4	10	9,285
5	5	5,305
6	2	2,845
7	2	1,438
8	1	1,222

Input data: HlapecK3_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 90
 Best method is
 Method 4 of 5
 Parameters:
 a = 6,88949133511617
 b = 8,58278132354851
 DF =5

$X^2 = 7,9852$ $P(X^2) = 0,1571$

X[i]	F[i]	NP[i]
1	27	28
2	18	22,48
3	23	16,16
4	13	10,52
5	4	6,257
6	1	3,426
7	3	1,738
8	0	0,821
9	0	0,363
10	1	0,243

Input data: HlapecK4_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 61
 Best method is
 Method 1 of 5
 Parameters:
 a = 39,5767097848361
 b = 54,55283203125
 DF =6

$X^2 = 12,8601$ $P(X^2) = 0,0453$

X[i]	F[i]	NP[i]
1	18	18,33
2	19	13,3
3	9	9,472
4	6	6,629
5	0	4,558
6	6	3,081
7	1	2,048
8	0	1,338
9	0	0,86
10	0	0,544
11	0	0,339
12	0	0,208
13	1	0,126
14	0	0,075
15	0	0,044

Input data: HlapecK5_5er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 81
 Best method is
 Method 2 of 5
 Parameters:
 a = 5,24713795837981
 b = 6,71109185460819
 DF =4

$X^2 = 2,7867$ $P(X^2) = 0,5941$

X[i]	F[i]	NP[i]
0	0,025	1
0	0,014	2
0	0,008	3
0	0,005	4
1	0,005	5
		6
		7
		8

Input data: HlapecK6_5er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 81
 Best method is
 Method 4 of 5
 Parameters:
 a = 4,3114125085127
 b = 4,76611191442417
 DF =4

$X^2 = 7,3624$ $P(X^2) = 0,1179$

X[i]	F[i]	NP[i]
1	22	23,46
2	27	21,22
3	17	15,87
4	5	10,11
5	3	5,613
6	5	2,761
7	1	1,219
8	1	0,754

Input data: HlapecK7_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 79
 Best method is
 Method 4 of 5
 Parameters:
 a = 4,21478408434651
 b = 4,17825868087352
 DF =4

$X^2 = 2,3794$ $P(X^2) = 0,6664$

X[i]	F[i]	NP[i]
1	18	19,67
2	24	19,84
3	14	16,15
4	10	11,02
5	8	6,469
6	2	3,334
7	2	1,531
8	0	0,634
9	1	0,359

Input data: HlapecK8_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 120
 Best method is
 Method 1 of 5
 Parameters:
 a = 3,0494308610515
 b = 2,50855740343348
 DF =4

$X^2 = 3,5968$ $P(X^2) = 0,4633$

X[i]	F[i]	NP[i]
1	25	25,63
2	32	31,16
3	29	27,08
4	16	18,32
5	11	10,14
6	2	4,75
7	4	1,929
8	1	1

Input data: HlapecK9_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 65
 Best method is
 Method 3 of 5
 Parameters:
 a = 2,36829652996845
 b = 1,0361297318612
 DF =4

$X^2 = 1,8348$ $P(X^2) = 0,7661$

X[i]	F[i]	NP[i]
1	7	6,412
2	16	14,66
3	14	17,05
4	14	13,3
5	8	7,803
6	5	3,669
7	1	2,116

Input data:
 HlapecK10_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 120
 Best method is
 Method 2 of 5
 Parameters:
 a = 5,13632727091069
 b = 7,24773999909757
 DF =4

$X^2 = 9,1210$ $P(X^2) = 0,0581$

X[i]	F[i]	NP[i]	X[i]*
1	50	45,95	1
2	23	32,56	2
3	26	20,28	3
4	15	11,26	4
5	4	5,645	5
6	0	2,578	6
7	0	1,081	7
8	2	0,644	

Input data:
 HlapecK11_5er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 80
 Best method is
 Method 1 of 5
 Parameters:
 a = 2,88154597170972
 b = 2,55288668511685
 DF =4

$X^2 = 7,2302$ $P(X^2) = 0,1242$

X[i]	F[i]	NP[i]	X[i]#	F[i]
22	19,37	1	13	
13	21,86	2	19	
24	17,73	3	18	
13	11,22	4	11	
4	5,823	5	9	
3	2,561	6	5	
1	1,441	7	2	
		8	1	
		9	1	
		10	0	

Input data:
 HlapecK12_5er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 80
 Best method is
 Method 1 of 5
 Parameters:
 a = 6,20404429934611
 b = 5,88844900015207
 DF =6

$X^2 = 2,3597$ $P(X^2) = 0,8838$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
16,12	11	0	0,14		
16,99	12	0	0,055		
15,3	13	0	0,02		
12,03	14	0	0,007		
8,399	15	0	0,002		
5,27	16	1	0,001		
3,003					
1,567					
0,754					
0,337					

Input data: Hlapeck13_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 126
 Best method is
 Method 1 of 5
 Parameters:
 a = 5,10137729035458
 b = 5,33371309721689
 DF =5
 X² = 1,7819 P(X²) = 0,8784

X[i]	F[i]	NP[i]	X[i]
1	32	32,11	1
2	26	30,71	2
3	29	24,73	3
4	18	17,2	4
5	11	10,53	5
6	6	5,756	6
7	2	2,842	7
8	1	1,279	8
9	0	0,529	9
10	0	0,202	10
11	1	0,107	

Input data: Hlapeck14_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 61
 Best method is
 Method 3 of 5
 Parameters:
 a = 4,34659090909091
 b = 2,89772727272727
 DF =5
 X² = 7,9425 P(X²) = 0,1594

X[i]	F[i]	NP[i]	X[i]
8	7,497	7,497	11
12	11,24	11,24	12
15	12,54	12,54	13
14	11,13	11,13	14
4	8,202	8,202	15
1	5,168	5,168	
3	2,845	2,845	
3	1,39	1,39	
0	0,61	0,61	
0	0,243	0,243	

Input data: Hlapeck15_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 107
 Best method is
 Method 1 of 5
 Parameters:
 a = 4,59832285417628
 b = 4,35244866174435
 DF =5
 X² = 1,5474 P(X²) = 0,9075

X[i]	F[i]	NP[i]	X[i]
0,089	1	25	24,04
0,03	2	25	25,4
0,009	3	22	21,82
0,003	4	13	15,8
0,001	5	12	9,88
	6	6	5,439
	7	3	2,674
	8	1	1,938

Input data:
 Hlapeck16_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 84
 Best method is
 Method 1 of 5
 Parameters:
 a = 4,74026817070051
 b = 3,99182840554065
 DF =5
 X² = 10,1598 P(X²) = 0,0708

X[i]	F[i]	NP[i]	X[i]
11	15,24	15,24	11
12	18,1	18,1	12
13	17,18	17,18	13
14	13,6	13,6	14
	9,217	9,217	
	5,467	5,467	
	2,882	2,882	
	1,367	1,367	
	0,59	0,59	
	0,233	0,233	

Input data:
 Hlapeck17_5er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 98
 Best method is
 Method 5 of 5
 Parameters:
 a = 2,65454927950436
 b = 1,96284341728966
 DF =4
 X² = 1,6869 P(X²) = 0,7931

X[i]	F[i]	NP[i]	X[i]
0	0,085	0,085	1
0	0,029	0,029	2
0	0,009	0,009	3
1	0,004	0,004	4
			5
			6
			7

Input data:
 Hlapeck18_5er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 21
 Best method is
 Method 2 of 5
 Parameters:
 a = 3,71651734174157
 b = 2,78808363595587
 DF =3
 X² = 4,7850 P(X²) = 0,1882

X[i]	F[i]	NP[i]	X[i]
19,17	1	4	3,531
25,93	2	3	4,706
23,23	3	4	4,618
15,56	4	7	3,584
8,324	5	1	2,301
3,706	6	0	1,26
2,072	7	1	0,601
	8	1	0,399

Input data: Valpet_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 585
 Best method is
 Method 5 of 5
 Parameters:
 a = 5,28243901718247
 b = 4,85416841340681
 DF =7
 X² = 39,4920 P(X²) = 0,0000

Input data: Pokljuk_5er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 170
 Best method is
 Method 1 of 5
 Parameters:
 a = 5,49819571022812
 b = 3,77588343877782
 DF =7
 X² = 14,1610 P(X²) = 0,0484

Input data: Krpan_5er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 381
 Best method is
 Method 4 of 5
 Parameters:
 a = 12,5961528111887
 b = 14,3969429886347
 DF =9
 X² = 35,2456 P(X²) = 0,0001

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	102	118,4	1	11	18,62	1	66	89,92	16	0	0,044
2	155	128,9	2	37	27,11	2	108	78,68	17	0	0,019
3	149	116,3	3	28	31,21	3	75	64,36	18	0	0,008
4	68	89,62	4	32	29,71	4	36	49,44	19	0	0,003
5	49	60,28	5	20	24,11	5	35	35,8	20	0	0,001
6	22	35,96	6	18	17,05	6	20	24,51	21	0	0,00
7	22	19,28	7	13	10,68	7	25	15,92	22	1	0,00
8	5	9,382	8	2	6,007	8	4	9,83			
9	6	4,181	9	4	3,065	9	7	5,787			
10	3	1,718	10	1	1,431	10	1	3,255			
11	1	0,655	11	2	0,616	11	1	1,752			
12	1	0,233	12	0	0,246	12	1	0,905			
13	2	0,112	13	0	0,092	13	0	0,449			
			14	2	0,047	14	1	0,214			
						15	0	0,098			

Input data: Hlapec_1er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 1493
 Method 1 of 2
 Parameters:
 k = 15,1344553370524

m = 4,46785430971348
 q = 0,570427472829509
 DF =32
 $X^2 = 1262,6500$ $P(X^2) = 0,0000$
 C = 0,8457

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	31	7,072	21	25	35	41	3	0,125	61	0	0,00	81	0	0
2	64	13,67	22	26	28,67	42	0	0,088	62	0	0	82	0	0
3	116	23	23	18	23,2	43	0	0,062	63	0	0	83	0	0
4	90	34,76	24	13	18,57	44	0	0,044	64	0	0	84	0	0
5	71	48,15	25	23	14,71	45	0	0,03	65	1	0	85	0	0
6	64	62,06	26	13	11,53	46	0	0,021	66	1	0	86	0	0
7	69	75,29	27	14	8,96	47	0	0,015	67	0	0	87	0	0
8	57	86,71	28	9	6,9	48	0	0,01	68	0	0	88	0	0
9	73	95,46	29	9	5,27	49	0	0,007	69	0	0	89	0	0
10	97	101	30	8	3,994	50	1	0,005	70	0	0	90	0	0
11	61	103,3	31	7	3,004	51	1	0,003	71	0	0	91	0	0
12	82	102,4	32	6	2,244	52	0	0,002	72	1	0	92	0	0
13	69	98,65	33	4	1,665	53	0	0,002	73	0	0	93	0	0
14	59	92,72	34	4	1,228	54	0	0,001	74	0	0	94	0	0
15	64	85,19	35	11	0,9	55	0	0,00	75	0	0	95	0	0
16	49	76,66	36	5	0,656	56	0	0,00	76	0	0	96	0	0
17	36	67,69	37	3	0,475	57	0	0,00	77	0	0	97	1	0
18	59	58,73	38	2	0,342	58	0	0,00	78	1	0			
19	35	50,15	39	4	0,246	59	0	0,00	79	0	0			
20	30	42,19	40	3	0,175	60	0	0,00	80	0	0			

Input data: HlapecK5_1er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 81
 Best method is
 Method 1 of 2
 Parameters:
 k = 1,13716663272248
 m = 0,13370956883102
 q = 0,798315094543387
 DF =19

$X^2 = 32,2898$ $P(X^2) = 0,0290$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	0,529	21	2	0,892	1	6	5,138	21	0	1,137
2	7	3,595	22	0	0,747	2	10	8,37	22	1	0,958
3	11	5,409	23	0	0,625	3	12	9,778	23	3	0,806
4	4	6,349	24	1	0,521	4	11	10,17	24	0	0,677
5	7	6,692	25	1	0,434	5	11	9,959	25	0	0,568
6	2	6,639	26	0	0,361	6	6	9,406	26	0	0,476
7	3	6,336	27	1	0,3	7	2	8,668	27	0	0,398
8	4	5,886	28	0	0,249	8	1	7,849	28	0	0,333
9	9	5,36	29	0	0,206	9	5	7,013	29	0	0,278
10	1	4,806	30	0	0,17	10	9	6,201	30	0	0,232
11	5	4,259	31	0	0,141	11	6	5,437	31	0	0,193
12	3	3,736	32	0	0,116	12	5	4,735	32	0	0,161
13	4	3,252	33	0	0,096	13	4	4,1	33	0	0,134
14	0	2,811	34	1	0,079	14	2	3,533	34	0	0,111
15	1	2,415	35	0	0,065	15	9	3,032	35	0	0,093
16	5	2,065	36	0	0,053	16	2	2,592	36	0	0,077
17	2	1,758	37	1	0,24	17	5	2,209	37	0	0,064
18	3	1,491				18	2	1,878	38	0	0,053
19	1	1,26				19	3	1,592	39	2	0,253
20	1	1,061				20	3	1,347			

Input data: HlapecK10_1er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 120
 Best method is
 Method 1 of 2
 min. size: 7
 k = 1,54912032033501
 m = 0,772516278508348
 q = 0,812301883885062
 DF =8

$X^2 = 17,0913$ $P(X^2) = 0,0292$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	6	5,138	21	0	1,137						
2	10	8,37	22	1	0,958						
3	12	9,778	23	3	0,806						
4	11	10,17	24	0	0,677						
5	11	9,959	25	0	0,568						
6	6	9,406	26	0	0,476						
7	2	8,668	27	0	0,398						
8	1	7,849	28	0	0,333						
9	5	7,013	29	0	0,278						
10	9	6,201	30	0	0,232						
11	6	5,437	31	0	0,193						
12	5	4,735	32	0	0,161						
13	4	4,1	33	0	0,134						
14	2	3,533	34	0	0,111						
15	9	3,032	35	0	0,093						
16	2	2,592	36	0	0,077						
17	5	2,209	37	0	0,064						
18	2	1,878	38	0	0,053						
19	3	1,592	39	2	0,253						
20	3	1,347									

Input data: HlapecK13_1er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 126
 Best method is
 Method 1 of 2

Parameters:
 k = 1,66019529221889
 m = 0,710157710297161
 q = 0,847662116378708
 DF =28

$X^2 = 21,5551$ $P(X^2) = 0,8015$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	2,411	16	4	3,928	31	1	0,623	46	0	0,076
2	6	4,778	17	2	3,531	32	0	0,544	47	0	0,066
3	8	6,299	18	5	3,163	33	0	0,475	48	0	0,057
4	10	7,212	19	6	2,825	34	1	0,415	49	0	0,049
5	5	7,678	20	1	2,517	35	0	0,361	50	0	0,043
6	3	7,821	21	3	2,236	36	0	0,315	51	1	0,267
7	7	7,733	22	2	1,982	37	0	0,274			
8	6	7,483	23	2	1,754	38	0	0,238			
9	2	7,125	24	1	1,549	39	0	0,207			
10	8	6,698	25	3	1,366	40	1	0,18			
11	6	6,233	26	2	1,202	41	0	0,156			
12	8	5,752	27	0	1,057	42	0	0,135			
13	7	5,272	28	2	0,928	43	0	0,117			

14	5	4,803	29	0	0,813	44	0	0,102
15	3	4,353	30	2	0,712	45	0	0,088

Input data: Mackova_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 118
 Method 1 of 2
 Parameters:
 k = 0,238840523937514
 m = 0,0773994456702611
 q = 0,797556269314486
 DF =15
 $X^2 = 14,8224$ $P(X^2) = 0,4643$

Input data: PonkrcevK1_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 76
 Method 2 of 2
 min. size: 4
 k = 1,42844793882263
 m = 1,17366663858017
 q = 0,783000664205863
 DF =7
 $X^2 = 11,1588$ $P(X^2) = 0,1318$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	6	7,1314	21	1	0,4081	1	7	11,602
2	15	17,551	22	0	0,3281	2	7	11,056
3	14	16,096	23	0	0,2637	3	12	9,6716
4	12	13,835	24	0	0,2119	4	7	8,1808
5	7	11,613	25	0	0,1702	5	9	6,7966
6	10	9,6286	26	0	0,1366	6	3	5,5838
7	5	7,9236	27	0	0,1097	7	6	4,5526
8	11	6,4874	28	0	0,088	8	2	3,6913
9	8	5,2921	29	0	0,0706	9	8	2,9804
10	4	4,3051	30	0	0,0566	10	1	2,3984
11	5	3,4946	31	1	0,2287	11	4	1,925
12	5	2,8318				12	5	1,5416
13	4	2,2914				13	3	1,2324
14	3	1,852				14	0	0,9836
15	2	1,4953				15	0	0,784
16	4	1,2063				16	0	0,6242
17	0	0,9724				17	1	0,4964
18	1	0,7833				18	0	0,3945
19	0	0,6306				19	0	0,3132
20	0	0,5075				20	1	1,1921

Input data: PonkrcevK2_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 44
 Method 2 of 2
 Parameters:
 k = 0,50847995892771
 m = 0,108338929734415
 q = 0,742394773962131
 DF =9
 $X^2 = 4,1448$ $P(X^2) = 0,9016$

Input data: PonkrcevK3_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 71
 Method 1 of 2
 min. size: 4
 k = 70,7599470518044
 m = 9,14195661017789
 q = 0,151672491389224
 DF =5
 $X^2 = 9,4732$ $P(X^2) = 0,0916$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	1,874	11	1	1,193	1	8	7,43	12	4	1
2	7	6,529	12	2	0,921	2	11	8,723	13	0	0,616
3	7	6,597	13	1	0,708	3	14	9,361	14	1	0,366
4	6	5,827	14	0	0,543	4	5	9,271	15	0	0,21
5	5	4,883	15	1	0,415	5	6	8,543	16	0	0,117
6	2	3,978	16	0	0,317	6	4	7,371	17	2	0,063
7	5	3,185	17	1	1	7	5	5,989	18	0	0,033
8	1	2,519				8	5	4,605	19	1	0,017
9	1	1,975				9	3	3,364	20	0	0,008

10 2 1,539

10 0 2,345 21 1 0,008
11 1 1,563

Input data: Hlapec_2er.dat
Distribution: Hyperpascal (k,m,q)
Sample size: 1493
Best method is
Method 1 of 2
Parameters:
k = 0,285107551621953

m = 0,108014535587759
q = 0,807955507655117
DF = 29
X² = 99,4498 P(X²) = 0,0000
C = 0,0666

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	95	95,67	20	7	7,773	39	1	0,153
2	206	204	21	3	6,339	40	0	0,124
3	135	191,2	22	0	5,166	41	0	0,101
4	126	167,4	23	0	4,209	42	0	0,082
5	170	143	24	0	3,428	43	0	0,066
6	143	120,5	25	1	2,791	44	0	0,054
7	128	100,7	26	1	2,272	45	0	0,044
8	113	83,76	27	0	1,848	46	0	0,036
9	95	69,36	28	0	1,503	47	0	0,029
10	65	57,26	29	0	1,223	48	0	0,023
11	51	47,17	30	0	0,994	49	1	0,1
12	31	38,78	31	0	0,808			
13	36	31,83	32	0	0,657			
14	23	26,09	33	2	0,534			
15	17	21,37	34	0	0,434			
16	13	17,48	35	0	0,352			
17	8	14,29	36	1	0,286			
18	16	11,67	37	0	0,232			
19	5	9,527	38	0	0,189			

Input data: Hlapeck1_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 47
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,592832142011738
 m = 0,229707953264822
 q = 0,790994343416257
 DF =12

$X^2 = 17,1486$ $P(X^2) = 0,1441$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	2,745	16	1	0,573
2	4	5,604	17	0	0,464
3	4	5,742	18	0	0,375
4	4	5,281	19	0	0,303
5	8	4,647	20	1	0,244
6	5	3,992	21	1	1
7	9	3,376			
8	3	2,826			
9	0	2,348			
10	1	1,939			
11	2	1,594			
12	1	1,306			
13	0	1,066			
14	1	0,869			
15	0	0,706			

Input data: Hlapeck2_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 92
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,521326264713225
 m = 0,0902862132652288
 q = 0,727856720288367
 DF =12

$X^2 = 15,5769$ $P(X^2) = 0,2114$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	3,376	16	1	0,572
2	24	14,19	17	0	0,428
3	9	14,41	18	2	1,25
4	9	12,65			
5	7	10,49			
6	6	8,442			
7	8	6,665			
8	7	5,195			
9	2	4,011			
10	4	3,075			
11	2	2,344			
12	2	1,779			
13	2	1,345			
14	2	1,014			
15	0	0,762			

Input data: Hlapeck3_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 90
 Best method is
 Method 1 of 2
 Parameters:
 k = 1,01023179982314
 m = 0,285686439840062
 q = 0,725709757008024
 DF =13

$X^2 = 17,9422$ $P(X^2) = 0,1597$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	4,112	16	1	0,761
2	13	10,55	17	0	0,579
3	15	11,97	18	2	0,439
4	3	11,44	19	0	0,332
5	9	10,14	20	0	0,25
6	10	8,6	21	0	0,188
7	9	7,097	22	0	0,142
8	7	5,744	23	0	0,106
9	9	4,583	24	0	0,08
10	1	3,617	25	1	0,234
11	2	2,83			
12	1	2,198			
13	2	1,698			
14	0	1,305			

Input data: Hlapeck5_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 81
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,339609369755914
 m = 0,142650863181869
 q = 0,7636396537441
 DF =12

$X^2 = 5,5089$ $P(X^2) = 0,9388$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	8	7,379	16	0	0,548
2	15	13,41	17	1	0,424
3	9	12,01	18	0	0,328
4	7	10,01	19	1	1,104
5	10	8,126			
6	8	6,501			
7	4	5,154			
8	6	4,062			
9	5	3,188			
10	2	2,493			
11	2	1,945			
12	1	1,514			
13	1	1,177			
14	1	0,913			

15 0 0,998

Input data: HlapeckK6_2er.dat
Distribution: Hyperpascal (k,m,q)
Sample size: 81
Best method is
Method 1 of 2
Parameters:
k = 0,305278624870846
m = 0,0309429240661653
q = 0,751332242564063
DF =11
X² = 8,4267 P(X²) = 0,6746

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	1,827	16	0	0,567
2	16	13,54	17	0	0,433
3	9	12,88	18	2	1,391
4	10	10,99			
5	12	9,001			
6	6	7,223			
7	8	5,723			
8	4	4,495			
9	3	3,509			
10	1	2,727			
11	2	2,111			
12	0	1,629			
13	1	1,255			
14	3	0,964			
15	2	0,74			

15 0 0,708

Input data: HlapeckK7_2er.dat
Distribution: Hyperpascal (k,m,q)
Sample size: 79
Best method is
Method 1 of 2
Parameters:
k = 0,0377457137401467
m = 0,00544403379253043
q = 0,811299442725824
DF =13
X² = 8,7650 P(X²) = 0,7904

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	2,434	16	0	0,813
2	11	13,69	17	1	0,661
3	9	11,47	18	1	0,538
4	8	9,452	19	0	0,437
5	12	7,751	20	0	0,355
6	6	6,339	21	1	1,538
7	4	5,176			
8	6	4,222			
9	6	3,441			
10	2	2,803			
11	4	2,282			
12	2	1,858			
13	2	1,511			
14	2	1,23			
15	0	1			

Input data: HlapeckK8_2er.dat
Distribution: Hyperpascal (k,m,q)
Sample size: 120
Best method is
Method 1 of 2
Parameters:
k = 0,298553798338445
m = 0,183576424366834
q = 0,833062857553588
DF =15
X² = 19,0955 P(X²) = 0,2094

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	10	11,14	16	3	1,639
2	13	15,09	17	0	1,376
3	9	13,8	18	1	1,154
4	13	12,1	19	1	5,952
5	12	10,44			
6	10	8,938			
7	11	7,611			
8	10	6,459			
9	7	5,467			
10	7	4,618			
11	7	3,895			
12	3	3,282			
13	1	2,762			
14	1	2,323			

Input data: HlapeckK9_2er.dat
Distribution: Hyperpascal (k,m,q)
Sample size: 65
Best method is
Method 2 of 2
min. size: 7
k = 2,77977801850463
m = 0,996542357772285
q = 0,701124422866833
DF =2
X² = 1,8205 P(X²) = 0,4024

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	2,246	16	0	0,972
2	4	4,393	17	0	0,758
3	5	5,831	18	1	2,463
4	5	6,521			
5	7	6,613			
6	8	6,291			
7	2	5,722			
8	9	5,035			
9	3	4,317			
10	6	3,627			
11	3	2,996			
12	0	2,442			
13	7	1,966			
14	3	1,568			

15 1 1,952

Input data: HlapeckK10_2er.dat
Distribution: Hyperpascal (k,m,q)
Sample size: 120
Method 1 of 2
Parameters:
k = 0,0660841445585084
m = 0,0350574896945763
q = 0,795844343379036
DF =14
X² = 27,1493 P(X²) = 0,0184

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	16	13,78	16	0	0,933
2	23	20,67	17	0	0,744
3	17	16,94	18	0	0,593
4	3	13,69	19	0	0,473
5	14	11	20	2	1,856
6	11	8,825			
7	6	7,067			
8	11	5,653			
9	7	4,519			
10	6	3,61			
11	1	2,883			
12	3	2,301			
13	0	1,837			
14	0	1,466			
15	0	1,169			

15 0 1,239

Input data: HlapeckK12_2er.dat
Distribution: Hyperpascal (k,m,q)
Sample size: 80
Method 1 of 2
Parameters:
k = 0,430756801145236
m = 0,159040821714339
q = 0,832233828208125
DF =17
X² = 12,6089 P(X²) = 0,7619

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	3,642	16	1	1,37	31	0	0,106
2	7	8,21	17	0	1,161	32	0	0,089
3	4	8,434	18	2	0,982	33	0	0,074
4	6	7,902	19	0	0,831	34	0	0,062
5	12	7,142	20	0	0,702	35	0	0,052
6	8	6,332	21	1	0,592	36	0	0,044
7	7	5,548	22	0	0,499	37	0	0,037
8	5	4,821	23	0	0,421	38	0	0,031
9	6	4,164	24	0	0,355	39	1	0,159
10	3	3,581	25	0	0,299			
11	4	3,069	26	0	0,251			
12	3	2,622	27	0	0,211			
13	2	2,235	28	0	0,178			
14	2	1,902	29	0	0,149			
15	3	1,616	30	0	0,126			

Input data: HlapeckK13_2er.dat
Distribution: Hyperpascal (k,m,q)
Sample size: 126
Method 1 of 2
Parameters:
k = 0,568537447962781
m = 0,237022944436997
q = 0,789572646315036
DF =16
X² = 12,1665 P(X²) = 0,7324

X[i]	F[i]	NP[i]	X[i]
1	9	8,311	16
2	18	15,74	17
3	8	15,76	18
4	13	14,29	19
5	10	12,44	20
6	14	10,59	21
7	12	8,888	22
8	7	7,391	23
9	7	6,103	24
10	7	5,013	25
11	5	4,1	26
12	3	3,342	
13	5	2,717	
14	2	2,203	
15	2	1,783	

Input data: HlapeckK17_2er.dat
Distribution: Hyperpascal (k,m,q)
Sample size: 98
Method 1 of 2
Parameters:
k = 0,603326366566136
m = 0,246257249047582
q = 0,796401064160356
DF =13
X² = 21,0705 P(X²) = 0,0715

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	1,441	1	6	5,848
2	1	1,162	2	12	11,41
3	0	0,936	3	5	11,69
4	0	0,754	4	8	10,79
5	1	0,606	5	14	9,539
6	0	0,487	6	9	8,236
7	0	0,391	7	10	7,006
8	0	0,313	8	11	5,898
9	0	0,251	9	4	4,929
10	0	0,201	10	4	4,095
11	1	0,799	11	5	3,387
12			12	2	2,792
13			13	2	2,294
14			14	4	1,88
15			15	1	1,538
16			16	0	1,255

Input data: Pokljuk_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 170
 Best method is
 Method 1 of 2
 Parameters:
 k = 4,00033846692887
 m = 0,938447206163685
 q = 0,682154363686236
 DF =21
 $X^2 = 19,6965$ $P(X^2) = 0,5405$

Input data: Krpan_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 381
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,383891367971134
 m = 0,0832722080024218
 q = 0,825829405287718
 DF =26
 $X^2 = 29,2736$ $P(X^2) = 0,2988$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	1,472	21	3	1,555	1	10	10,27	21	3	2,726	41	0	0,073
2	6	4,281	22	1	1,216	2	38	39,11	22	3	2,285	42	0	0,061
3	11	7,534	23	0	0,945	3	40	41,26	23	1	1,914	43	0	0,051
4	13	10,49	24	1	0,731	4	40	38,99	24	0	1,602	44	0	0,042
5	16	12,72	25	0	0,562	5	46	35,34	25	1	1,34	45	0	0,035
6	13	14,06	26	0	0,431	6	35	31,33	26	0	1,121	46	0	0,029
7	8	14,54	27	2	0,328	7	29	27,4	27	1	0,937	47	0	0,024
8	15	14,29	28	0	0,25	8	16	23,75	28	0	0,782	48	0	0,02
9	13	13,51	29	0	0,189	9	17	20,45	29	1	0,653	49	0	0,017
10	11	12,37	30	0	0,143	10	14	17,51	30	0	0,545	50	0	0,014
11	11	11,04	31	0	0,107	11	19	14,94	31	0	0,455	51	0	0,012
12	8	9,64	32	0	0,08	12	9	12,71	32	0	0,379	52	0	0,01
13	6	8,263	33	0	0,06	13	11	10,78	33	0	0,316	53	1	0,047
14	4	6,97	34	0	0,045	14	11	9,123	34	1	0,264			
15	9	5,799	35	2	0,127	15	5	7,707	35	0	0,22			
16	4	4,767				16	13	6,5	36	0	0,183			
17	7	3,876				17	10	5,475	37	0	0,153			
18	3	3,122				18	4	4,606	38	0	0,127			
19	0	2,494				19	1	3,871	39	0	0,106			
20	1	1,976				20	1	3,25	40	0	0,088			

Input data:
Mackova_3er.dat
Distribution: Hyperpascal
(k,m,q)
Sample size: 118
Best method is
Method 2 of 2
Parameters:
k = 0,0890618333266223
m = 0,0306050612480735
q = 0,765796581192127
DF =12
 $X^2 = 10,6126$ $P(X^2) = 0,5624$

X[i]	F[i]	NP[i]	X[i]
1	11	10,41	16
2	24	23,19	17
3	17	18,77	18
4	12	14,78	19
5	12	11,54	20
6	12	8,965	21
7	5	6,946	
8	9	5,37	
9	6	4,147	
10	3	3,199	
11	4	2,465	
12	1	1,899	
13	0	1,462	
14	1	1,125	
15	0	0,865	

Input data: *
Ponkrcev_3er.dat
Distribution: Hyperpascal
(k,m,q)
Sample size: 191
Best method is
Method 2 of 2
Parameters:
k = 0,140363460341657
m = 0,0564843352549834
q = 0,718424767162103
DF =10
 $X^2 = 14,3667$ $P(X^2) = 0,1569$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	26	23,81	1	26	23,81
2	46	42,5	2	46	42,5
3	30	32,96	3	30	32,96
4	20	24,64	4	20	24,64
5	19	18,19	5	19	18,19
6	16	13,34	6	16	13,34
7	6	9,742	7	6	9,742
8	14	7,096	8	14	7,096
9	5	5,159	9	5	5,159
10	1	3,745	10	1	3,745
11	4	2,715	11	4	2,715
12	1	1,967	12	1	1,967
13	1	1,424	13	1	1,424
14	2	3,71	14	2	3,71

Input data:
PonkrcevK1_3er.dat#
Distribution: Hyperpascal
(k,m,q)
Sample size: 76
Best method is
Method 1 of 2
Parameters:
k = 2,40928814448666
m = 1,2847741139409
q = 0,621043903937557
DF =8
 $X^2 = 9,9104$ $P(X^2) = 0,2714$

X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	12	11,39	1	12	11,39
2	14	13,27	2	14	13,27
3	13	12,29	3	13	12,29
4	6	10,25	4	6	10,25
5	8	8,035	5	8	8,035
6	8	6,052	6	8	6,052
7	3	4,431	7	3	4,431
8	7	3,177	8	7	3,177
9	3	2,241	9	3	2,241
10	0	1,56	10	0	1,56
11	1	1,075	11	1	1,075
12	0	0,734	12	0	0,734
13	0	0,498	13	0	0,498
14	1	1	14	1	1

Input data: PonkrcevK2_3er.dat
Distribution: Hyperpascal
(k,m,q)
Sample size: 44
Method 1 of 2
k = 0,25206385345363
m = 0,0307840421604441
q = 0,660914537811983
DF =6
 $X^2 = 2,2134$ $P(X^2) = 0,8991$

X[i]	F[i]	NP[i]
1	2	2,078
2	11	11,25
3	9	9,03
4	7	6,618
5	5	4,693
6	1	3,272
7	3	2,258
8	2	1,547
9	2	1,055
10	0	0,716
11	1	0,485
12	1	1

Input data:
PonkrcevK3_3er.dat
Distribution: Hyperpascal
(k,m,q)
Sample size: 71
Method 1 of 2
k = 0,566863421753231
m = 0,243830666908032
q = 0,675855625831148
DF =8
 $X^2 = 14,6118$ $P(X^2) = 0,0671$

X[i]	F[i]	NP[i]
1	12	9,314
2	21	14,63
3	8	12,46
4	7	9,633
5	6	7,159
6	7	5,207
7	0	3,736
8	5	2,656
9	0	1,875
10	1	1,317
11	2	0,921
12	0	0,642

Input data: Hlapeck1_3er.dat
Distribution: Hyperpascal
(k,m,q)
Sample size: 47
Method 1 of 2
Parameters:
k = 1,05611044841048
m = 1,10332146532646
q = 0,796928531747163
DF =8
 $X^2 = 25,0364$ $P(X^2) = 0,0015$

X[i]	F[i]	NP[i]
1	6	10,24
2	4	7,812
3	6	6,086
4	11	4,776
5	10	3,762
6	2	2,971
7	3	2,349
8	1	1,86
9	1	1,473
10	0	1,168
11	1	0,927
12	0	0,735

13	1	0,446	13	0	0,584
14	1	1	14	2	2,258

Input data: Hlapec_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 1493
 Method 1 of 2
 k = 1,83609925826776
 m = 1,16256062503572
 q = 0,682318544391146
 DF = 18
 $X^2 = 72,3824$ $P(X^2) = 0,0000$
 C = 0,0485

Input data: Hlapeck2_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 92
 Method 1 of 2
 k = 0,384861133066315
 m = 0,178896424552262
 q = 0,675297974616586
 DF = 7
 $X^2 = 3,0617$ $P(X^2) = 0,8792$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	211	235,4	21	0	0,864	1	15	14,1615
2	225	253,7	22	2	0,608	2	23	20,5735
3	199	227	23	0	0,428	3	12	16,3205
4	240	187,9	24	1	0,3	4	10	12,063
5	192	148,9	25	0	0,211	5	11	8,6739
6	144	114,9	26	1	0,148	6	6	6,1462
7	90	86,95	27	0	0,103	7	5	4,3156
8	57	64,91	28	0	0,072	8	3	3,0114
9	50	47,94	29	0	0,05	9	3	2,092
10	26	35,12	30	0	0,035	10	1	1,4483
11	17	25,55	31	0	0,025	11	1	1
12	20	18,48	32	0	0,017	12	2	2,1943
13	9	13,31	33	1	0,039			
14	6	9,546						
15	0	6,823						
16	0	4,863						
17	2	3,456						
18	0	2,451						
19	0	1,734						
20	0	1,225						

Input data: HlapecK3_3er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 90
 Method 1 of 2
 k = 0,598476779757997
 m = 0,197863012141506
 q = 0,658377553106419
 DF =9

$X^2 = 16,2633$ $P(X^2) = 0,0616$

X[i]	F[i]	NP[i]	X[i]*	F[i]
1	10	9,458	1	10
2	23	18,84	2	15
3	7	16,55	3	8
4	15	12,88	4	7
5	13	9,543	5	6
6	12	6,882	6	5
7	2	4,88	7	1
8	2	3,421	8	0
9	2	2,378	9	2
10	0	1,642	10	4
11	1	1,128	11	0
12	2	0,772	12	1
13	0	0,526	13	0
14	0	0,358	14	0
15	0	0,243	15	0
16	0	0,164		
17	1	0,34		

Input data: HlapecK4_3er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 61
 Method 1 of 2
 k = 0,484904003437
 m = 0,272755676439806
 q = 0,716682871893285
 DF =8

$X^2 = 7,1214$ $P(X^2) = 0,5236$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
16	0	0,199	31	0	0,002
17	0	0,145	32	0	0,001
18	0	0,105	33	1	0,003
19	0	0,076		4	9
20	0	0,055		5	5
21	0	0,04		6	10
22	1	0,029		7	4
23	0	0,021		8	1
24	0	0,015		9	2
25	0	0,011		10	0
26	0	0,008		11	0
27	0	0,006		12	1
28	0	0,004		13	1
29	0	0,003			
30	0	0,002			

Input data: HlapecK5_3er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 81
 Method 2 of 2
 k = 1,30399245821052
 m = 1,23405431512569
 q = 0,727905434808039
 DF =8

$X^2 = 11,4227$ $P(X^2) = 0,1789$

X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	19	20,38			
2	13	15,67			
3	16	11,77			
4	9	8,75			
5	5	6,474			
6	10	4,776			
7	4	3,515			
8	1	2,583			
9	2	1,896			
10	0	1,391			
11	0	1,019			
12	1	0,747			
13	1	2,033			

Input data: HlapecK9_3er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 65
 Best method is
 Method 1 of 2

Parameters:
 k = 1,5008579532175
 m = 1,29662222884044
 q = 0,813200016634254
 DF =8
 $X^2 = 42,6877$ $P(X^2) = 0,0000$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	6	9,069	7	7	3,943
2	5	8,537	8	2	3,296
3	8	7,559	9	10	2,747
4	12	6,528	10	0	2,283
5	6	5,561	11	0	1,893
6	8	4,697	12	1	8,889

Input data:
 HlapecK10_3er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 120
 Method 1 of 2
 k = 0,798235078059396
 m = 0,539163815199029
 q = 0,665867059329382
 DF =8

$X^2 = 18,2230$ $P(X^2) = 0,0196$

X[i]	F[i]	NP[i]	X[i]*
1	28	25,91	1
2	28	25,54	2
3	8	19,87	3
4	20	14,58	4
5	15	10,42	5
6	9	7,335	6
7	6	5,112	7
8	4	3,539	8
9	0	2,438	9
10	0	1,672	10
11	0	1,144	11
12	0	0,78	
13	2	1,65	

Input data:
 HlapecK11_3er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 80
 Method 1 of 2
 k = 0,196091316069607
 m = 0,134373272996906
 q = 0,757465093771042
 DF =7

$X^2 = 22,7069$ $P(X^2) = 0,0019$

F[i]	NP[i]	X[i]#	F[i]
11	13,47	1	8
11	14,89	2	6
7	11,89	3	11
15	9,27	4	15
15	7,16	5	10
9	5,504	6	8
4	4,219	7	7
4	3,228	8	3
2	2,466	9	4
1	1,882	10	3
1	6,011	11	1
		12	2
		13	0
		14	1
		15	0

Input data:
 HlapecK12_3er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 80
 Method 1 of 2
 k = 1,05454073291927
 m = 1,06513683853843
 q = 0,812531825214385
 DF =13

$X^2 = 23,0329$ $P(X^2) = 0,0413$

NP[i]	X[i]	F[i]	NP[i]
15,25	16	0	0,655
12,27	17	0	0,532
9,92	18	0	0,432
8,033	19	0	0,351
6,51	20	0	0,285
5,278	21	0	0,231
4,281	22	0	0,188
3,473	23	0	0,153
2,819	24	0	0,124
2,288	25	0	0,101
1,857	26	1	0,435
1,507			
1,224			
0,993			
0,807			

Input data: HlapecK13_3er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 126
 Method 1 of 2
 k = 0,972425130330728
 m = 0,638737991198991
 q = 0,726693224957736
 DF =11

$X^2 = 10,2525$ $P(X^2) = 0,5078$

X[i]	F[i]	NP[i]	X[i]
1	17	19,33	1
2	18	21,39	2
3	15	18,71	3
4	22	15,31	4
5	15	12,15	5
6	11	9,464	6
7	10	7,284	7
8	5	5,56	8
9	5	4,217	9
10	4	3,183	10
11	1	2,393	11
12	1	1,793	12
13	0	1,341	
14	1	1	

Input data: HlapecK15_3er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 107
 Method 1 of 2
 k = 2,24858163184215
 m = 1,807346732332
 q = 0,745742379633075
 DF =8

$X^2 = 14,6538$ $P(X^2) = 0,0662$

F[i]	NP[i]	X[i]	F[i]
14	18,05	1	8
13	16,75	2	7
15	14,45	3	13
18	12,03	4	16
12	9,793	5	11
6	7,858	6	11
10	6,24	7	5
7	4,916	8	4
6	3,85	9	0
2	3	10	2
2	2,329	11	1
2	7,735	12	3
		13	2
		14	0

Input data: HlapecK16_3er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 84
 Method 1 of 2
 k = 1,32472978740946
 m = 1,15184858856232
 q = 0,785061584125263
 DF =12

$X^2 = 24,9595$ $P(X^2) = 0,0150$

NP[i]	X[i]	F[i]	NP[i]
14,17	18	0	0,397
12,79	19	0	0,315
10,85	20	0	0,249
8,983	21	0	0,197
7,346	22	1	0,745
5,961			
4,811			
3,868			
3,101			
2,481			
1,981			
1,579			
1,257			
1			

15	0	0,744				15	0	0,795						
16	0	0,553				16	0	0,631						
17	1	1,576				17	0	0,501						
Input data: Hlapeck18_3er.dat					Input data: Pokljuk_3er.dat*					Input data: Krpan_3er.dat#				
Distribution: Hyperpascal					Distribution: Hyperpascal					Distribution: Hyperpascal				
(k,m,q)					(k,m,q)					(k,m,q)				
Sample size: 21					Sample size: 170					Sample size: 381				
Best method is					Best method is					Best method is				
Method 1 of 2					Method 1 of 2					Method 1 of 2				
min. size: 2					Parameters:					Parameters:				
k = 0,70054456659761					k = 4,93365534251461					k = 1,00355453364236				
m = 0,361376015622398					m = 0,987236628202792					m = 0,301420510183205				
q = 0,740682902248961					q = 0,520405576677735					q = 0,692109277039558				
DF =3					DF =12					DF =15				
X ² = 6,6742 P(X ²) = 0,0830					X ² = 16,9499 P(X ²) = 0,1515					X ² = 26,8688 P(X ²) = 0,0298				
X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	2,322	1	5	4,405	21	0	0,093	1	26	23,75	21	0	0,371
2	3	3,334	2	14	11,46	22	0	0,058	2	62	54,73	22	0	0,266
3	1	3,084	3	24	17,8	23	1	0,035	3	69	58,32	23	1	0,19
4	3	2,613	4	18	21,5	24	1	0,054	4	52	52,68	24	0	0,136
5	2	2,131	5	15	22,27				5	40	44,21	25	0	0,097
6	6	1,701	6	21	20,76				6	22	35,59	26	0	0,069
7	1	1,339	7	18	17,92				7	20	27,9	27	0	0,049
8	0	1,045	8	12	14,59				8	22	21,46	28	0	0,035
9	1	0,81	9	9	11,35				9	15	16,28	29	0	0,025
10	0	0,624	10	10	8,498				10	12	12,22	30	0	0,018
11	1	0,479	11	9	6,17				11	18	9,097	31	0	0,012
12	0	0,366	12	5	4,364				12	9	6,725	32	0	0,009
13	1	1,153	13	0	3,019				13	1	4,944	33	0	0,006
			14	4	2,049				14	4	3,617	34	0	0,004
			15	1	1,367				15	4	2,635	35	1	0,011
			16	1	0,899				16	0	1,914			
			17	0	0,583				17	1	1,385			
			18	2	0,374				18	1	1			
			19	0	0,237				19	0	0,72			
			20	0	0,149				20	1	0,518			

Input data:
 Mackova_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 118
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,063238507095741
 m = 0,034363822022088
 q = 0,713353776862307
 DF =9

$X^2 = 8,7732$ $P(X^2) = 0,4585$

X[i]	F[i]	NP[i]	X[i]
1	21	20,54	16
2	26	26,97	
3	17	19,78	
4	16	14,31	
5	12	10,3	
6	10	7,402	
7	7	5,311	
8	6	3,807	
9	1	2,727	
10	0	1,952	
11	1	1,397	
12	0	0,999	
13	0	0,715	
14	0	0,511	
15	0	0,365	

Input data:
 Ponkrcev_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 191
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,348892771566705
 m = 0,155491893186793
 q = 0,624072494480093
 DF =7

$X^2 = 10,6728$ $P(X^2) = 0,1535$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0,915		1	37	35,28
2			2	50	49,4
3			3	35	35,99
4			4	24	24,48
5			5	13	16,21
6			6	18	10,59
7			7	6	6,855
8			8	1	4,413
9			9	4	2,828
10			10	2	1,807
11			11	1	3,15

Input data:
 PonkrcevK1_4er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 76
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,0431712875562263
 m = 0,0196798708679024
 q = 0,68384948108439
 DF =6

$X^2 = 9,8094$ $P(X^2) = 0,1329$

X[i]*	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	14	12,94	1	14	12,94
2	19	19,41	2	19	19,41
3	12	13,58	3	12	13,58
4	8	9,395	4	8	9,395
5	9	6,475	5	9	6,475
6	9	4,454	6	9	4,454
7	3	3,06	7	3	3,06
8	0	2,101	8	0	2,101
9	1	1,441	9	1	1,441
10	1	3,142	10	1	3,142

Input data:
 PonkrcevK2_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 44
 Best method is
 Method 2 of 2
 Parameters:
 k = 1,36842884216317
 m = 0,202831855649255
 q = 0,461051033729301
 DF =4

$X^2 = 4,4947$ $P(X^2) = 0,3432$

X[i]	F[i]	NP[i]
1	4	3,725
2	12	11,59
3	13	10,52
4	6	7,415
5	1	4,663
6	4	2,746
7	2	1,55
8	1	0,849
9	1	0,948

Input data:
 PonkrcevK3_4er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 71
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,368967226122301
 m = 0,237276740791144
 q = 0,627030444329349
 DF =5

$X^2 = 3,5246$ $P(X^2) = 0,6197$

X[i]*	F[i]	NP[i]
1	19	18,11
2	19	17,66
3	10	12,25
4	10	8,136
5	3	5,309
6	5	3,432
7	1	2,206
8	0	1,413
9	2	0,902

Input data:
 Hlapeck2_4er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 92
 Best method is
 Method 2 of 2
 Parameters:
 k = 3,13034064547937
 m = 2,63878505859483
 q = 0,61487363786394
 DF =5

$X^2 = 4,7048$ $P(X^2) = 0,4530$

X[i]#	F[i]	NP[i]
1	29	28,3
2	18	20,64
3	13	14,41
4	15	9,798
5	6	6,55
6	4	4,326
7	4	2,831
8	1	1,84
9	2	3,301

10 1 0,575
 11 1 0,999

Input data: Hlapec_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 1493
 Best method is
 Method 2 of 2

Parameters:
 k = 1,62605307107374
 m = 1,26366718855013
 q = 0,658843896402488
 DF =15
 $X^2 = 118,3188$ $P(X^2) = 0,0000$
 C = 0,0792

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	301	366,2	11	3	13,54	21	0	0,264
2	261	310,4	12	0	9,206	22	0	0,177
3	313	237,3	13	2	6,244	23	0	0,118
4	241	173,7	14	0	4,226	24	0	0,079
5	160	124,2	15	0	2,855	25	1	0,159
6	82	87,43	16	0	1,926			
7	59	60,94	17	2	1,297			
8	30	42,15	18	1	0,873			
9	24	28,99	19	0	0,586			
10	12	19,85	20	1	0,394			

Input data: HlapecK3_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 90
 Best method is
 Method 1 of 2

Parameters:
 k = 3,54732221803456
 m = 2,9208769865974
 q = 0,617193008349724
 DF =6
 $X^2 = 11,4938$ $P(X^2) = 0,0743$

X[i]	F[i]	NP[i]	X[i]*
1	18	26,35	1
2	18	19,75	2
3	19	14,14	3
4	16	9,835	4
5	10	6,712	5
6	3	4,518	6
7	2	3,009	7
8	1	1,988	8
9	2	1,304	9
10	0	0,851	10
11	0	0,553	11
12	0	0,358	12
13	1	0,642	13
			14
			15

Input data: HlapecK4_4er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 61
 Best method is
 Method 1 of 2

Parameters:
 k = 0,469394909931983
 m = 0,305507217946761
 q = 0,633789810444478
 DF =5
 $X^2 = 7,5554$ $P(X^2) = 0,1825$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
14	15,09	16	0		
17	14,69	17	1		
9	10,48	18	0		
7	7,116	19	0		
5	4,734	20	0		
0	3,114	21	0		
2	2,035	22	0		
4	1,323	23	0		
1	0,857	24	0		
0	0,554	25	1		
0	0,357				
0	0,23				
0	0,148				
0	0,095				
0	0,061				

Input data: HlapecK5_4er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 81
 Best method is
 Method 2 of 2

Parameters:
 k = 1,57157779798268
 m = 1,2589789448435
 q = 0,605009230141881
 DF =5
 $X^2 = 4,1418$ $P(X^2) = 0,5292$

X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
0,039	1	23	25,06		
0,025	2	16	18,93		
0,016	3	18	13,03		
0,01	4	10	8,642		
0,007	5	7	5,613		
0,004	6	3	3,598		
0,003	7	2	2,285		
0,002	8	0	1,442		
0,001	9	1	0,906		
0,002	10	1	1,496		

Input data: HlapecK7_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 79
 Best method is
 Method 1 of 2
 Parameters:
 k = 14,1890009713756
 m = 2,75950446984776
 q = 0,217099982116779
 DF =4

$X^2 = 3,1921$ $P(X^2) = 0,5262$

X[i]	F[i]	NP[i]
1	13	16,31
2	17	18,21
3	18	15,97
4	10	11,8
5	8	7,643
6	6	4,465
7	4	2,397
8	0	1,199
9	2	0,565
10	0	0,253
11	1	0,182

Input data: HlapecK8_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 120
 Best method is
 Method 1 of 2
 Parameters:
 k = 4,41036613210725
 m = 3,7070684518825
 q = 0,661113457539238
 DF =6

$X^2 = 16,6599$ $P(X^2) = 0,0106$

X[i]	F[i]	NP[i]
1	23	30,41
2	22	23,92
3	22	18,18
4	21	13,5
5	14	9,859
6	10	7,113
7	2	5,082
8	4	3,603
9	1	2,539
10	1	5,796

Input data: HlapecK10_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 120
 Best method is
 Method 1 of 2
 Parameters:
 k = 1,48226920515955
 m = 1,39568706139139
 q = 0,647614027463192
 DF =6

$X^2 = 17,2741$ $P(X^2) = 0,0083$

X[i]	F[i]	NP[i]
1	39	39,42
2	20	27,11
3	25	18,19
4	17	12,08
5	13	7,979
6	4	5,25
7	0	3,446
8	0	2,258
9	0	1,477
10	2	2,777

Input data: HlapecK11_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 80
 Best method is
 Method 1 of 2
 Parameters:
 k = 1,56160563029166
 m = 1,35224180854376
 q = 0,684169263285283
 DF =5

$X^2 = 18,9823$ $P(X^2) = 0,0019$

X[i]	F[i]	NP[i]	X[i]*
1	17	20,8	1
2	11	16,44	2
3	16	12,25	3
4	17	8,902	4
5	11	6,384	5
6	4	4,538	6
7	2	3,207	7
8	1	2,257	8
9	1	5,224	9
			10
			11
			12
			13
			14
			15

Input data: HlapecK12_4er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 80
 Best method is
 Method 1 of 2
 Parameters:
 k = 1,5503676017942
 m = 1,16905342855954
 q = 0,70322775193733
 DF =9

$X^2 = 13,7944$ $P(X^2) = 0,1298$

X[i]	F[i]	NP[i]	X[i]	F[i]
10	15,65	16	0	
11	14,59	17	0	
12	12,07	18	0	
13	9,506	19	0	
14	7,297	20	1	
15	5,51			
16	4,114			
17	3,047			
18	2,243			
19	1,643			
20	1,199			
	0,872			
	0,632			
	0,457			
	0,33			

Input data: HlapecK13_4er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 126
 Best method is
 Method 1 of 2
 Parameters:
 k = 1,78316523439221
 m = 1,46317062098184
 q = 0,67553432845838
 DF =8

$X^2 = 9,7970$ $P(X^2) = 0,2796$

NP[i]	X[i]#	F[i]	NP[i]
0,238	1	27	31,06
0,171	2	21	25,57
0,123	3	24	19,52
0,089	4	19	14,4
0,223	5	14	10,43
	6	8	7,457
	7	7	5,287
	8	3	3,724
	9	1	2,611
	10	1	1,824
	11	0	1,27
	12	0	0,882
	13	1	1,968

Input data:
 HlapecK14_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 6
 Method 1 of 2
 k = 1,17937781731653
 m = 1,10430607685934
 q = 0,752811128342356
 DF =8

$X^2 = 19,4416$ $P(X^2) = 0,0127$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	8	13,67	16	0	0,244
2	6	10,99	17	0	0,185
3	14	8,57	18	1	0,571
4	11	6,607			
5	10	5,065			
6	4	3,869			
7	1	2,949			
8	2	2,243			
9	1	1,704			
10	3	1,294			
11	0	0,981			
12	0	0,744			
13	0	0,563			
14	0	0,426			
15	0	0,323			

Input data:
 HlapecK15_4er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 107
 Method 1 of 2
 k = 1,71757823102464
 m = 1,32491915600431
 q = 0,679158454171988
 DF =5

$X^2 = 14,4557$ $P(X^2) = 0,0130$

X[i]*	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	19	23,78	1	10	9,561
2	16	20,94	2	16	14,51
3	25	16,62	3	18	15,3
4	13	12,62	4	13	13,36
5	12	9,351	5	14	10,39
6	10	6,819	6	4	7,468
7	7	4,919	7	0	5,064
8	3	3,52	8	3	3,285
9	2	8,429	9	3	2,058
			10	2	1,253
			11	0	0,746
			12	0	0,435
			13	0	0,25
			14	0	0,141
			15	0	0,079

Input data:
 HlapecK16_4er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 84
 Method 1 of 2
 k = 4,14175454209802
 m = 1,26841021520493
 q = 0,464915915215877
 DF =7

$X^2 = 9,0414$ $P(X^2) = 0,2497$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
16	0	0,044			
17	1	0,052			

Input data: HlapecK17_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 98
 Best method is
 Method 1 of 2
 Parameters:
 k = 1,57148390836102
 m = 1,2910753813838
 q = 0,682105947330184
 DF =5

$X^2 = 23,7691$ $P(X^2) = 0,0002$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	18	23,82	1	8	8,016
2	13	19,78	2	24	23,58
3	23	15,14	3	29	27,75
4	21	11,21	4	23	25,99
5	8	8,146	5	24	21,87
6	7	5,851	6	19	17,28
7	6	4,169	7	10	13,11
8	1	2,953	8	13	9,658
9	1	6,925	9	10	6,962
			10	1	4,935
			11	4	3,452
			12	1	2,388

Input data: Pokljuk_4er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 170
 Best method is
 Method 1 of 2
 Parameters:
 k = 1,49116284721678
 m = 0,314765312841613
 q = 0,621019145776677
 DF =11

$X^2 = 9,8468$ $P(X^2) = 0,5442$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
16	0	0,506	1	63	62,8
17	0	0,338	2	140	133,6
18	2	0,662	3	134	120,7
			4	84	91,0
			5	53	63,2
			6	39	42,0
			7	23	27,1
			8	17	17,1
			9	17	10,6
			10	2	6,5
			11	6	3,9
			12	2	2,4

Input data: Valpet_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 585
 Best method is
 Method 1 of 2
 Parameters:
 k = 1,05510888134422
 m = 0,279153413082843
 q = 0,562378923389461
 DF =10

$X^2 = 13,4625$ $P(X^2) = 0,1989$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
16	2	0,7			

13 0 1,637
 14 2 1,114
 15 0 0,753

13 2 1,4
 14 1 0,8
 15 0 0,5

Input data: Krpan_4er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 381
 Best method is
 Method 1 of 2

Parameters:
 k = 1,49083628683035
 m = 0,560327404836677
 q = 0,594710472222021
 DF = 11
 $X^2 = 16,8791$ $P(X^2) = 0,1115$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	48	46,34	16	0	0,439
2	80	73,32	17	1	0,277
3	81	69,61	18	0	0,174
4	45	56,44	19	0	0,109
5	31	42,34	20	0	0,068
6	28	30,32	21	0	0,042
7	22	21,05	22	0	0,026
8	18	14,29	23	0	0,016
9	14	9,547	24	0	0,01
10	2	6,295	25	0	0,006
11	6	4,108	26	0	0,004
12	1	2,658	27	1	0,006
13	1	1,708			
14	1	1,091			
15	1	0,693			

Input data: Mackova_5er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 118
 Best method is
 Method 1 of 2
 Parameters:
 k = 6,28631194332481
 m = 5,54465973710964
 q = 0,631881669915446
 DF = 7

Input data: Ponkrcev_5er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 191
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,029966656283366
 m = 0,0164418354509054
 q = 0,587896775120993
 DF = 5

Input data: PonkrcevK1_5er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 76
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,0870124035093126
 m = 0,0510993657833465
 q = 0,60761791313288
 DF = 4

$X^2 = 10,2314$ $P(X^2) = 0,1758$

X[i]	F[i]	NP[i]
1	29	35,69
2	25	25,57
3	22	17,99
4	16	12,48
5	14	8,572
6	5	5,837
7	4	3,948
8	1	2,655
9	1	1,777
10	0	1,184
11	0	0,786
12	0	0,521
13	1	1

$X^2 = 9,8737$ $P(X^2) = 0,0789$

X[i]	F[i]	NP[i]
1	56	52,6
2	55	56,36
3	30	33,58
4	18	19,87
5	20	11,74
6	4	6,922
7	5	4,081
8	2	2,404
9	1	3,444

$X^2 = 7,6288$ $P(X^2) = 0,1062$

X[i]	F[i]	NP[i]
1	22	20,41
2	20	21,12
3	11	13,27
4	9	8,205
5	10	5,044
6	2	3,092
7	1	1,892
8	1	2,967

Input data:
 PonkrecevK2_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 44
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,105326305837462
 m = 0,0311725570411616
 q = 0,548411956699331
 DF = 3
 $X^2 = 3,8093$ $P(X^2) = 0,2828$

X[i]	F[i]	NP[i]
1	9	8,23
2	16	15,25
3	9	8,965
4	2	5,096
5	5	2,863
6	1	1,599
7	2	1,996

Input data: PonkrcevK3_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 71
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,134818335093598
 m = 0,0971493693564487
 q = 0,58271770846355
 DF = 4
 $X^2 = 1,6108$ $P(X^2) = 0,8068$

X[i]	F[i]	NP[i]
1	25	23,68
2	19	19,15
3	10	11,54
4	7	6,847
5	5	4,038
6	1	2,375
7	2	1,394
8	1	0,817
9	1	1,154

Input data: HlapecK1_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 47
 Best method is
 Method 1 of 2
 Parameters:
 k = 2,75982508161752
 m = 0,483391934680514
 q = 0,33193299716357
 DF = 3
 $X^2 = 5,5913$ $P(X^2) = 0,1333$

X[i]	F[i]	NP[i]
1	7	7,1513
2	15	13,5524
3	15	11,4019
4	3	7,254
5	3	3,9814
6	1	1,9926
7	1	0,936
8	1	0,4198
9	1	0,3107

Input data: HlapecK2_5er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 91
 Best method is
 Method 2 of 2
 Parameters:
 k = 2,48305693775318
 m = 1,71093875354126
 q = 0,491250185558044
 DF = 4
 $X^2 = 1,4552$ $P(X^2) = 0,8345$

X[i]	F[i]	NP[i]
1	33	32,87
2	21	23,44
3	17	14,79
4	10	8,779
5	5	5,02
6	2	2,799
7	2	1,533
8	1	1,765

Input data: Hlapec_5er.dat*
 Distribution: Hyperpascal (k,m,q)
 Sample size: 1493
 Best method is
 Method 2 of 2
 Parameters:
 k = 10,5182556483443
 m = 17,3198811586637
 q = 0,986230745024338
 DF = 16
 $X^2 = 262,9274$ $P(X^2) = 0,0000$
 C = 0,1761

X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	372	546,6	11	1	10,26
2	360	327,4	12	0	7,6
3	335	203	13	1	5,695
4	209	129,7	14	1	4,314
5	105	85,11	15	1	3,3
6	53	57,16	16	1	2,548
7	32	39,19	17	0	1,984
8	17	27,38	18	0	1,557
9	3	19,45	19	0	1,231
10	1	14,03	20	1	5,513

Input data: Hlapeck9_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 65
 Best method is
 Method 1 of 2
 Parameters:
 k = 1,58918746390041
 m = 0,309626767348477
 q = 0,452721710741889
 DF =3
 $X^2 = 4,7104$ $P(X^2) = 0,1943$

X[i]	F[i]	NP[i]
1	7	7,243
2	16	16,83
3	14	15,06
4	14	10,6
5	8	6,653
6	5	3,906
7	1	4,703

Input data: Hlapeck10_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 120
 Best method is
 Method 1 of 2
 Parameters:
 k = 2,33340122729655
 m = 1,70853663249148
 q = 0,486140267365818
 DF =4
 $X^2 = 12,4649$ $P(X^2) = 0,0142$

X[i]	F[i]	NP[i]
1	50	47,01
2	23	31,21
3	26	18,67
4	15	10,61
5	4	5,842
6	0	3,151
7	0	1,674
8	2	1,825

Input data: Hlapeck11_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 80
 Best method is
 Method 2 of 2
 Parameters:
 k = 1,48580985726248
 m = 1,14879079184628
 q = 0,58827531296776
 DF =3
 $X^2 = 18,0120$ $P(X^2) = 0,0004$

X[i]	F[i]	NP[i]
1	22	25,16
2	13	19,14
3	24	13,03
4	13	8,484
5	4	5,396
6	3	3,382
7	1	5,409

Input data: Hlapeck12_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 80
 Best method is
 Method 1 of 2
 Parameters:
 k = 2,10132105186726
 m = 0,753978899804517
 q = 0,480676436433333
 DF =5
 $X^2 = 0,9457$ $P(X^2) = 0,9668$

X[i]	F[i]	NP[i]
1	13	14,28
2	19	19,13
3	18	16,26
4	11	11,64
5	9	7,604
6	5	4,691
7	2	2,783
8	1	1,604
9	1	0,905
10	0	0,502
11	0	0,275
12	0	0,149
13	0	0,08
14	0	0,042
15	0	0,022
16	1	0,024

Input data: Hlapeck13_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 126
 Best method is
 Method 2 of 2
 Parameters:
 k = 1,87813769151234
 m = 1,36663533121121
 q = 0,584108024262596
 DF =6
 $X^2 = 9,5338$ $P(X^2) = 0,1457$

X[i]	F[i]	NP[i]
1	32	36,71
2	26	29,47
3	29	20,93
4	18	14,08
5	11	9,191
6	6	5,88
7	2	3,711
8	1	2,318
9	0	1,437
10	0	0,885
11	1	1,383

Input data: Hlapeck15_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 107
 Best method is
 Method 1 of 2
 Parameters:
 k = 34,5484980198134
 m = 5,68588843547427
 q = 0,151004778669057
 DF =4
 $X^2 = 2,7406$ $P(X^2) = 0,6021$

X[i]	F[i]	NP[i]
1	25	26,97
2	25	24,74
3	22	19,87
4	13	14,27
5	12	9,312
6	6	5,596
7	3	3,128
8	1	3,123

Input data: Hlapeck16_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 84
 Method 2 of 2
 Parameters:
 k = 1,16546098465776
 m = 0,290399402228948
 q = 0,494053836122116
 DF =5
 $X^2 = 4,8990$ $P(X^2) = 0,4283$

X[i]	F[i]	NP[i]
1	11	11,34
2	23	22,48
3	21	18,64
4	16	12,73
5	4	7,961
6	2	4,735
7	3	2,727
8	3	1,534
9	0	0,849
10	0	0,464
11	0	0,251
12	0	0,134
13	0	0,072
14	1	0,08

Input data: Hlapeck18_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 21
 Method 1 of 2
 min. size: 2
 k = 1,83186164551204
 m = 1,44254759561195
 q = 0,669139998709716
 DF =2
 $X^2 = 5,2857$ $P(X^2) = 0,0712$

X[i]	F[i]	NP[i]
1	4	4,983
2	3	4,234
3	4	3,285
4	7	2,447
5	1	1,781
6	0	1,277
7	1	0,906
8	1	2,089

Input data: Valpet_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 585
 Method 1 of 2
 Parameters:
 k = 3,15222411654887
 m = 0,884426317138671
 q = 0,393569566371345
 DF =3
 $X^2 = 10,9095$ $P(X^2) = 0,0122$

X[i]	F[i]	NP[i]
1	102	103,4
2	155	145,1
3	149	125,8
4	68	88,45
5	49	55,13
6	22	31,77
7	22	17,32
8	5	9,064
9	6	4,594
10	3	2,269
11	1	1,098
12	1	0,522
13	2	0,452

Input data: Pokljuk_5er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 170
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,199003677350621
 m = 0,0390282210258465
 q = 0,691299354925397
 DF =10
 $X^2 = 15,2365$ $P(X^2) = 0,1237$

X[i]	F[i]	NP[i]
1	11	11,56
2	37	40,73
3	28	32,49
4	32	24,23
5	20	17,63
6	18	12,67
7	13	9,037
8	2	6,413
9	4	4,534
10	1	3,197
11	2	2,249
12	0	1,579
13	0	1,108
14	2	2,575

Input data: Krpan_5er.dat*
 Distribution: Hyperpascal (k,m,q)
 Sample size: 381
 Best method is
 Method 1 of 2
 min. size: 17
 k = 0,150629596798348
 m = 0,0588574529728491
 q = 0,643951695283763
 DF =4
 $X^2 = 7,0691$ $P(X^2) = 0,1323$

X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	66	62,78	16	0	0,29
2	108	103,5	17	0	0,188
3	75	72,4	18	0	0,122
4	36	48,7	19	0	0,079
5	35	32,3	20	0	0,051
6	20	21,27	21	0	0,033
7	25	13,95	22	1	0,06
8	4	9,117			
9	7	5,947			
10	1	3,873			
11	1	2,52			
12	1	1,637			
13	0	1,063			
14	1	0,69			
15	0	0,447			

Texte: slowenisch (Satzdefinition 2)

Input data: Mackova_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 109
 Best method is
 Method 3 of 3
 Parameters:
 k = 2,02266726645347
 p = 0,119017178509804
 DF =36
 $X^2 = 38,0374$ $P(X^2) = 0,3767$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	1,471	41	0	0,409
2	0	2,622	42	1	0,369
3	3	3,491	43	0	0,333
4	9	4,124	44	0	0,301
5	5	4,562	45	0	0,271
6	6	4,841	46	0	0,244
7	7	4,991	47	0	0,22
8	3	5,04	48	0	0,198
9	5	5,008	49	0	0,178
10	1	4,913	50	0	0,16
11	6	4,771	51	0	0,144
12	4	4,594	52	0	0,129
13	5	4,392	53	0	0,116
14	2	4,174	54	0	0,104
15	9	3,945	55	0	0,094
16	4	3,713	56	0	0,084
17	3	3,48	57	1	0,075
18	5	3,25	58	0	0,068
19	1	3,026	59	0	0,061
20	3	2,809	60	0	0,054
21	1	2,602	61	1	0,46
22	4	2,404			
23	3	2,216			
24	2	2,039			
25	3	1,873			
26	0	1,717			
27	2	1,573			
28	1	1,438			
29	0	1,313			
30	2	1,198			
31	1	1,091			
32	2	0,993			
33	0	0,903			
34	0	0,82			
35	0	0,744			
36	1	0,675			
37	0	0,611			
38	0	0,553			
39	0	0,501			
40	0	0,453			

Input data: Ponkrcev_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 165
 Best method is
 Method 2 of 3
 Parameters:
 k = 2,57314133670557
 p = 0,165606447008898
 DF =33
 $X^2 = 32,9843$ $P(X^2) = 0,4680$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	1,615	41	0	0,287
2	1	3,467	42	1	1,805
3	3	5,168			
4	8	6,573			
5	11	7,641			
6	15	8,382			
7	10	8,827			
8	5	9,021			
9	11	9,007			
10	11	8,829			
11	7	8,526			
12	9	8,131			
13	6	7,674			
14	11	7,178			
15	4	6,662			
16	5	6,142			
17	5	5,629			
18	7	5,131			
19	1	4,656			
20	1	4,206			
21	3	3,786			
22	4	3,395			
23	6	3,036			
24	3	2,706			
25	2	2,406			
26	3	2,134			
27	1	1,888			
28	1	1,667			
29	0	1,469			
30	0	1,293			
31	1	1,135			
32	0	0,995			
33	4	0,871			
34	0	0,762			
35	1	0,665			
36	0	0,58			
37	0	0,505			
38	1	0,439			
39	0	0,382			
40	1	0,331			

Input data:
 PonkrcevK1_1er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 68
 Best method is
 Method 3 of 3
 Parameters:
 k = 2,81395115096074
 p = 0,167175944472203
 DF =27

$X^2 = 21,7399$ $P(X^2) = 0,7505$

X[i]	F[i]	NP[i]
1	1	0,443
2	1	1,039
3	3	1,649
4	2	2,204
5	5	2,668
6	4	3,028
7	3	3,285
8	4	3,444
9	5	3,519
10	4	3,521
11	2	3,465
12	2	3,361
13	3	3,223
14	3	3,058
15	2	2,877
16	0	2,686
17	4	2,49
18	5	2,295
19	0	2,104
20	1	1,92
21	2	1,744
22	2	1,578
23	3	1,422
24	2	1,278
25	1	1,145
26	2	1,023
27	0	0,911
28	0	0,81
29	0	0,718
30	0	0,635
31	0	0,561
32	0	0,495
33	1	0,435
34	0	0,383
35	0	0,336
36	0	0,294
37	0	0,257
38	0	0,225

Input data:
 PonkrcevK2_1er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 38
 Best method is
 Method 1 of 3
 Parameters:
 k = 4,13302601674924
 p = 0,261224788399893
 DF =18

$X^2 = 21,9399$ $P(X^2) = 0,2347$

X[i]	F[i]	NP[i]
1	0	0,148
2	0	0,452
3	0	0,857
4	1	1,294
5	2	1,705
6	4	2,049
7	3	2,304
8	0	2,464
9	4	2,533
10	3	2,523
11	2	2,448
12	3	2,324
13	0	2,165
14	5	1,985
15	1	1,794
16	1	1,603
17	0	1,416
18	0	1,239
19	1	1,074
20	0	0,925
21	1	0,79
22	1	0,671
23	0	0,566
24	0	0,475
25	1	0,397
26	1	0,33
27	1	0,273
28	0	0,225
29	0	0,185
30	0	0,151
31	1	0,124
32	0	0,101
33	1	0,082
34	0	0,066
35	1	0,265

Input data:
 PonkrcevK3_1er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 59
 Best method is
 Method 1 of 3
 Parameters:
 k = 3,14655663673432
 p = 0,223596469114511
 DF =3

$X^2 = 0,5834$ $P(X^2) = 0,9002$

X[i]	F[i]	NP[i]
1	1	0,53
2	0	1,294
3	0	2,083
4	5	2,774
5	4	3,309
6	7	3,672
7	4	3,871
8	1	3,927
9	2	3,867
10	4	3,719
11	3	3,507
12	4	3,254
13	3	2,979
14	3	2,694
15	1	2,413
16	4	2,141
17	1	1,886
18	2	1,649
19	0	1,433
20	0	1,238
21	0	1,064
22	1	0,911
23	3	0,776
24	1	0,659
25	0	0,557
26	0	0,47
27	0	0,395
28	1	0,331
29	0	0,277
30	0	0,231
31	0	0,192
32	0	0,159
33	2	0,132
34	0	0,109
35	0	0,09
36	0	0,074
37	0	0,061
38	1	0,05

39 0 0,196
40 1 1,275

39 0 0,041
40 0 0,034

Input data: Hlapec_1er.dat
Distribution: Negative binomial (k,p)
Sample size: 1383
Best method is
Method 1 of 3
min. size: 160
k = 2,41571009971657
p = 0,166022060472811
DF =4

Input data: HlapecK1_1er.dat*
Distribution: Negative binomial (k,p)
Sample size: 43
Best method is
Method 3 of 3
Parameters:
k = 6,57816766504046
p = 0,337127706512041
DF =18

$X^2 = 11,8531$ $P(X^2) = 0,0185$ $C = 0,0086$

$X^2 = 23,1902$ $P(X^2) = 0,1834$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	24	18,07	41	3	1,954	81	0	0,004	1	0	0,034
2	43	36,41	42	0	1,685	82	0	0,003	2	2	0,147
3	57	51,85	43	1	1,453	83	0	0,003	3	0	0,369
4	60	63,65	44	0	1,252	84	0	0,002	4	0	0,699
5	69	71,87	45	0	1,077	85	0	0,002	5	0	1,109
6	56	76,91	46	0	0,927	86	0	0,002	6	3	1,556
7	64	79,28	47	0	0,797	87	0	0,001	7	1	1,99
8	55	79,49	48	0	0,685	88	0	0,001	8	4	2,37
9	71	78,02	49	0	0,588	89	0	0,001	9	2	2,667
10	97	75,3	50	1	0,504	90	0	0,00	10	5	2,863
11	64	71,69	51	1	0,433	91	0	0,00	11	0	2,957
12	82	67,48	52	0	0,371	92	0	0,00	12	4	2,954
13	72	62,92	53	0	0,318	93	0	0,00	13	4	2,868
14	59	58,19	54	0	0,272	94	0	0,00	14	6	2,717
15	65	53,43	55	0	0,233	95	0	0,00	15	1	2,519
16	54	48,77	56	0	0,199	96	0	0,00	16	3	2,291
17	38	44,27	57	0	0,17	97	1	0,002	17	0	2,048
18	61	40	58	0	0,146				18	0	1,803
19	36	35,98	59	0	0,124				19	0	1,565
20	32	32,24	60	0	0,106				20	1	1,342
21	26	28,79	61	0	0,091				21	2	1,138
22	28	25,63	62	0	0,077				22	0	0,955
23	18	22,75	63	0	0,066				23	0	0,793
24	16	20,14	64	0	0,056				24	1	0,653
25	23	17,79	65	1	0,048				25	0	0,534
26	13	15,68	66	1	0,041				26	0	0,433
27	15	13,78	67	0	0,035				27	1	0,348
28	8	12,1	68	0	0,03				28	0	0,279
29	9	10,6	69	0	0,025				29	0	0,222
30	8	9,272	70	0	0,022				30	0	0,175
31	8	8,098	71	0	0,018				31	0	0,138
32	6	7,062	72	1	0,016				32	1	0,108
33	4	6,15	73	0	0,013				33	0	0,084
34	4	5,349	74	0	0,011				34	0	0,065
35	11	4,647	75	0	0,01				35	0	0,05
36	4	4,032	76	0	0,008				36	0	0,039
37	2	3,495	77	0	0,007				37	0	0,03
38	2	3,026	78	1	0,006				38	0	0,023
39	4	2,618	79	0	0,005				39	0	0,017
40	4	2,262	80	0	0,004				40	1	0,013

Input data: HlapecK2_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 82
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,15350478703559
 p = 0,163671233534944
 DF =25
 $X^2 = 13,8432$ $P(X^2) = 0,9644$

Input data: HlapecK3_1er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 85
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,24237735168042
 p = 0,167421674300525
 DF =26
 $X^2 = 25,1356$ $P(X^2) = 0,5113$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	1,664	1	2	1,545	41	0	0,091
2	2	2,997	2	3	2,884	42	0	0,078
3	5	3,952	3	2	3,893	43	0	0,067
4	8	4,575	4	7	4,584	44	0	0,057
5	3	4,93	5	8	5,002	45	0	0,049
6	4	5,074	6	5	5,199	46	0	0,042
7	3	5,06	7	1	5,225	47	0	0,036
8	6	4,929	8	3	5,122	48	0	0,031
9	4	4,717	9	3	4,927	49	0	0,026
10	6	4,45	10	3	4,668	50	1	0,15
11	2	4,151	11	3	4,37			
12	3	3,836	12	7	4,049			
13	4	3,516	13	5	3,72			
14	5	3,202	14	5	3,393			
15	3	2,898	15	4	3,076			
16	5	2,61	16	5	2,773			
17	0	2,341	17	4	2,488			
18	2	2,09	18	5	2,223			
19	2	1,86	19	0	1,978			
20	2	1,65	20	1	1,755			
21	1	1,46	21	1	1,552			
22	1	1,288	22	1	1,369			
23	1	1,134	23	1	1,204			
24	1	0,996	24	0	1,056			
25	2	0,873	25	1	0,925			
26	0	0,764	26	1	0,808			
27	1	0,667	27	0	0,705			
28	1	0,582	28	0	0,614			
29	0	0,506	29	0	0,534			
30	0	0,44	30	0	0,464			
31	1	0,382	31	1	0,402			
32	0	0,332	32	0	0,348			
33	0	0,287	33	0	0,301			
34	0	0,249	34	0	0,26			
35	1	0,215	35	2	0,225			
36	0	0,186	36	0	0,194			
37	0	0,16	37	0	0,167			
38	0	0,138	38	0	0,143			
39	0	0,119	39	0	0,123			
40	1	0,721	40	0	0,106			

Input data: Hlapeck4_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 57
 Best method is
 Method 1 of 3
 min. size: 5
 k = 1,18994218108007
 p = 0,0867350817818447
 DF =6

$X^2 = 10,4064$ $P(X^2) = 0,1085$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	3,107	41	0	0,181
2	0	3,377	42	0	0,166
3	5	3,377	43	0	0,152
4	5	3,279	44	0	0,14
5	4	3,137	45	0	0,128
6	6	2,974	46	0	0,118
7	5	2,802	47	0	0,108
8	0	2,628	48	0	0,099
9	2	2,457	49	0	0,091
10	6	2,292	50	0	0,083
11	1	2,133	51	0	0,076
12	2	1,981	52	0	0,07
13	1	1,838	53	0	0,064
14	3	1,703	54	0	0,059
15	2	1,576	55	0	0,054
16	1	1,458	56	0	0,049
17	1	1,347	57	0	0,045
18	3	1,244	58	0	0,041
19	0	1,148	59	0	0,038
20	1	1,059	60	0	0,035
21	0	0,977	61	0	0,032
22	0	0,9	62	0	0,029
23	0	0,829	63	0	0,027
24	0	0,763	64	0	0,025
25	0	0,703	65	1	0,022
26	2	0,647	66	0	0,021
27	0	0,595	67	0	0,019
28	0	0,547	68	0	0,017
29	4	0,503	69	0	0,016
30	0	0,462	70	0	0,014
31	0	0,425	71	0	0,013
32	0	0,39	72	0	0,012
33	0	0,359	73	0	0,011
34	0	0,329	74	0	0,01
35	1	0,303	75	0	0,009
36	0	0,278	76	0	0,009
37	0	0,255	77	0	0,008
38	0	0,234	78	0	0,007
39	0	0,215	79	0	0,007
40	0	0,197	80	0	0,006

Input data: Hlapeck5_1er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 80
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,89662691547588
 p = 0,173728612967911
 DF =22

$X^2 = 27,7370$ $P(X^2) = 0,1846$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
81	0	0,006	1	1	2,893
82	0	0,005	2	7	4,534
83	0	0,005	3	10	5,426
84	0	0,004	4	4	5,824
85	0	0,004	5	7	5,891
86	0	0,004	6	2	5,74
87	0	0,003	7	3	5,452
88	0	0,003	8	4	5,081
89	0	0,003	9	8	4,669
90	0	0,003	10	1	4,242
91	0	0,002	11	5	3,82
92	0	0,002	12	4	3,413
93	0	0,002	13	4	3,031
94	0	0,002	14	0	2,677
95	0	0,002	15	1	2,354
96	0	0,001	16	5	2,061
97	1	0,016	17	2	1,799
			18	3	1,564
			19	1	1,357
			20	1	1,174
			21	2	1,014
			22	0	0,873
			23	0	0,751
			24	1	0,645
			25	1	0,553
			26	0	0,473
			27	1	0,404
			28	0	0,345
			29	0	0,294
			30	0	0,251
			31	0	0,213
			32	0	0,181
			33	0	0,154
			34	1	0,131
			35	0	0,111
			36	0	0,094
			37	1	0,51

Input data: HlapecK6_1er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 75
 Best method is
 Method 3 of 3
 Parameters:
 k = 2,54219443235573
 p = 0,193682099427984
 DF =23

Input data: HlapecK7_1er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 71
 Best method is
 Method 1 of 3
 Parameters:
 k = 3,17995594177152
 p = 0,199602353219457
 DF =25

Input data: HlapecK8_1er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 107
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,69390240350013
 p = 0,169714592631319
 DF =29

X² = 19,4094 P(X²) = 0,6772

X² = 20,7825 P(X²) = 0,7047

X² = 38,0993 P(X²) = 0,1201

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	1,155	1	0	0,423	1	3	0,9	41	0	0,188
2	1	2,368	2	0	1,075	2	4	2,013	42	0	0,163
3	4	3,382	3	2	1,799	3	4	3,088	43	1	1
4	4	4,129	4	3	2,486	4	1	4,011			
5	4	4,613	5	6	3,074	5	2	4,741			
6	6	4,866	6	2	3,533	6	4	5,27			
7	4	4,932	7	3	3,856	7	9	5,61			
8	6	4,853	8	3	4,047	8	2	5,785			
9	5	4,668	9	6	4,122	9	8	5,821			
10	8	4,409	10	5	4,098	10	5	5,742			
11	2	4,103	11	2	3,995	11	4	5,576			
12	5	3,772	12	6	3,832	12	6	5,342			
13	7	3,432	13	5	3,624	13	3	5,062			
14	1	3,096	14	0	3,387	14	6	4,75			
15	3	2,771	15	4	3,133	15	9	4,421			
16	1	2,464	16	2	2,872	16	4	4,085			
17	2	2,179	17	2	2,612	17	1	3,751			
18	1	1,916	18	4	2,359	18	5	3,425			
19	0	1,677	19	2	2,117	19	2	3,111			
20	1	1,462	20	1	1,889	20	4	2,814			
21	1	1,27	21	1	1,676	21	2	2,534			
22	1	1,099	22	3	1,481	22	6	2,274			
23	0	0,948	23	0	1,303	23	2	2,033			
24	0	0,816	24	2	1,142	24	3	1,812			
25	1	0,7	25	2	0,997	25	1	1,611			
26	0	0,599	26	0	0,867	26	0	1,428			
27	1	0,512	27	2	0,753	27	0	1,263			
28	1	0,436	28	0	0,651	28	1	1,115			
29	2	0,371	29	0	0,562	29	0	0,981			
30	0	0,315	30	0	0,483	30	1	0,862			
31	1	0,267	31	0	0,415	31	1	0,756			
32	0	0,226	32	0	0,355	32	2	0,662			
33	0	0,191	33	0	0,304	33	0	0,579			
34	0	0,161	34	1	0,259	34	0	0,506			
35	1	0,136	35	1	0,221	35	1	0,441			
36	1	0,703	36	0	0,188	36	0	0,384			
			37	0	0,159	37	0	0,333			
			38	0	0,135	38	0	0,29			
			39	0	0,114	39	0	0,251			

40	0	0,097	40	0	0,218
41	1	0,506			

Input data: HlapecK9_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 60
 Best method is
 Method 1 of 3
 min. size: 5
 k = 6,29731680951278
 p = 0,295943862633565
 DF = 6
 X² = 4,0757 P(X²) = 0,6664

X[i]	F[i]	NP[i]
1	0	0,028
2	0	0,124
3	0	0,32
4	0	0,623
5	1	1,019
6	4	1,477
7	1	1,958
8	2	2,422
9	6	2,834
10	4	3,17
11	1	3,414
12	7	3,561
13	1	3,614
14	0	3,581
15	4	3,476
16	5	3,311
17	2	3,103
18	2	2,866
19	3	2,611
20	3	2,351
21	1	2,094
22	2	1,846
23	0	1,613
24	0	1,397
25	5	1,201
26	2	1,024
27	3	0,868
28	0	0,731
29	0	0,612
30	0	0,51
31	0	0,422
32	0	0,348
33	0	0,286
34	0	0,233
35	1	0,954

Input data: HlapecK10_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 113
 Best method is
 Method 3 of 3
 Parameters:
 k = 1,62376536718998
 p = 0,135871408006555
 DF = 28
 X² = 41,1666 P(X²) = 0,0518

X[i]	F[i]	NP[i]
1	3	0,392
2	3	1,114
3	0	2
4	4	2,895
5	5	3,685
6	1	4,306
7	3	4,731
8	4	4,963
9	1	5,021
10	5	4,933
11	3	4,733
12	6	4,451
13	6	4,115
14	7	3,749
15	3	3,373
16	1	3,001
17	1	2,643
18	7	2,308
19	2	2
20	2	1,721
21	0	1,471
22	2	1,25
23	2	1,057
24	0	0,889
25	0	0,744
26	1	0,621
27	1	0,516
28	0	0,427
29	0	0,352
30	1	0,29
31	0	0,237
32	0	0,194
33	1	0,822

Input data: HlapecK11_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 75
 Best method is
 Method 1 of 3
 min. size: 1
 k = 3,78719317048908
 p = 0,249742524543593
 DF = 17
 X² = 23,5542 P(X²) = 0,1321

X[i]	F[i]	NP[i]
1	3	0,392
2	3	1,114
3	0	2
4	4	2,895
5	5	3,685
6	1	4,306
7	3	4,731
8	4	4,963
9	1	5,021
10	5	4,933
11	3	4,733
12	6	4,451
13	6	4,115
14	7	3,749
15	3	3,373
16	1	3,001
17	1	2,643
18	7	2,308
19	2	2
20	2	1,721
21	0	1,471
22	2	1,25
23	2	1,057
24	0	0,889
25	0	0,744
26	1	0,621
27	1	0,516
28	0	0,427
29	0	0,352
30	1	0,29
31	0	0,237
32	0	0,194
33	1	0,822

Input data: Hlapeck12_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 80
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,40914675634407
 p = 0,152442798115713
 DF =28

$X^2 = 19,1426$ $P(X^2) = 0,8937$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	0,861	41	1	0,174
2	2	1,758	42	0	0,153
3	5	2,54	43	0	0,134
4	2	3,164	44	0	0,117
5	3	3,627	45	0	0,102
6	1	3,94	46	0	0,09
7	4	4,124	47	0	0,078
8	2	4,199	48	0	0,068
9	5	4,186	49	0	0,06
10	7	4,103	50	0	0,052
11	6	3,968	51	0	0,045
12	2	3,794	52	0	0,039
13	2	3,593	53	0	0,034
14	5	3,375	54	0	0,03
15	3	3,149	55	0	0,026
16	2	2,919	56	0	0,023
17	2	2,692	57	0	0,02
18	4	2,471	58	0	0,017
19	2	2,258	59	0	0,015
20	1	2,056	60	0	0,013
21	4	1,865	61	0	0,011
22	0	1,687	62	0	0,01
23	2	1,521	63	0	0,008
24	1	1,369	64	0	0,007
25	2	1,228	65	0	0,006
26	0	1,1	66	0	0,005
27	2	0,982	67	0	0,005
28	0	0,876	68	0	0,004
29	2	0,78	69	0	0,004
30	1	0,693	70	0	0,003
31	0	0,615	71	0	0,003
32	1	0,545	72	0	0,002
33	0	0,482	73	0	0,002
34	0	0,426	74	0	0,002
35	1	0,376	75	0	0,002
36	1	0,332	76	0	0,001
37	0	0,292	77	0	0,001
38	0	0,257	78	1	0,007
39	0	0,226			
40	0	0,198			

Input data: Hlapeck13_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 119
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,87502481829011
 p = 0,194382954248737
 DF =28

$X^2 = 19,0300$ $P(X^2) = 0,8972$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	1,073	41	0	0,114
2	4	2,484	42	0	0,096
3	5	3,878	43	0	0,081
4	7	5,076	44	0	0,068
5	6	6,007	45	0	0,057
6	3	6,654	46	0	0,048
7	9	7,035	47	0	0,04
8	5	7,186	48	0	0,034
9	2	7,146	49	0	0,028
10	8	6,956	50	0	0,024
11	6	6,655	51	1	0,118
12	9	6,275			
13	6	5,845			
14	5	5,388			
15	3	4,922			
16	4	4,461			
17	3	4,015			
18	5	3,592			
19	6	3,195			
20	1	2,828			
21	3	2,492			
22	2	2,187			
23	2	1,912			
24	1	1,666			
25	3	1,447			
26	2	1,253			
27	0	1,082			
28	2	0,932			
29	0	0,801			
30	2	0,687			
31	1	0,588			
32	0	0,503			
33	0	0,429			
34	1	0,365			
35	0	0,31			
36	0	0,263			
37	0	0,223			
38	0	0,189			
39	0	0,16			
40	1	0,135			

Input data: Hlapeck14_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 53
 Best method is
 Method 3 of 3
 Parameters:
 k = 5,17254958458257
 p = 0,219728477373178
 DF =26
 $X^2 = 17,9332$ $P(X^2) = 0,8782$

X[i]	F[i]	NP[i]
1	0	0,021
2	2	0,084
3	1	0,203
4	0	0,379
5	0	0,604
6	0	0,865
7	1	1,144
8	1	1,425
9	3	1,691
10	2	1,932
11	4	2,136
12	2	2,299
13	4	2,418
14	3	2,492
15	2	2,524
16	4	2,517
17	2	2,476
18	5	2,406
19	2	2,313
20	1	2,201
21	1	2,076
22	2	1,941
23	1	1,802
24	1	1,661
25	0	1,522
26	1	1,385
27	1	1,254
28	0	1,13
29	0	1,013
30	0	0,904
31	1	0,804
32	1	0,712
33	1	0,628
34	0	0,552
35	0	0,483
36	0	0,422
37	1	0,367
38	0	0,319
39	1	0,276
40	1	0,239

Input data: Hlapeck15_1er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 98
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,73996491055049
 p = 0,165634546489038
 DF =28
 $X^2 = 24,8192$ $P(X^2) = 0,6377$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
41	0	0,206	1	1	0,711
42	0	0,177	2	3	1,625
43	0	0,152	3	2	2,535
44	0	0,13	4	2	3,342
45	0	0,111	5	7	4,002
46	0	0,095	6	4	4,501
47	0	0,08	7	5	4,844
48	0	0,068	8	3	5,047
49	0	0,058	9	4	5,127
50	0	0,049	10	7	5,104
51	0	0,042	11	5	5
52	0	0,035	12	5	4,832
53	0	0,03	13	5	4,616
54	0	0,025	14	4	4,367
55	0	0,021	15	4	4,096
56	0	0,018	16	1	3,814
57	0	0,015	17	1	3,529
58	0	0,012	18	5	3,246
59	0	0,01	19	6	2,97
60	0	0,009	20	1	2,705
61	0	0,007	21	4	2,453
62	0	0,006	22	2	2,216
63	0	0,005	23	3	1,996
64	0	0,004	24	2	1,791
65	0	0,003	25	2	1,603
66	0	0,003	26	4	1,43
67	0	0,002	27	0	1,273
68	0	0,002	28	1	1,131
69	0	0,002	29	0	1,002
70	0	0,001	30	1	0,886
71	0	0,001	31	1	0,782
72	1	0,005	32	1	0,689
			33	0	0,607
			34	1	0,533
			35	0	0,467
			36	1	3,131

Input data: HlapecK16_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 77
 Best method is
 Method 3 of 3
 Parameters:
 k = 3,64577558971445
 p = 0,196406086030924
 DF =28

Input data: HlapecK17_1er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 87
 Best method is
 Method 1 of 3
 Parameters:
 k = 4,05213548476932
 p = 0,231803305378516
 DF =24

Input data: HlapecK18_1er.dat#
 Distribution: Negative binomial (k,p)
 Sample size: 21
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,37062552399041
 p = 0,148074496687627
 DF =13

X² = 22,1664 P(X²) = 0,7735

X² = 21,6828 P(X²) = 0,5982

X² = 10,7316 P(X²) = 0,6333

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	1	0,204	41	0	0,161	1	2	0,233	1	1	0,227
2	1	0,598	42	0	0,138	2	1	0,725	2	0	0,458
3	0	1,115	43	0	0,118	3	2	1,406	3	1	0,658
4	1	1,687	44	0	0,101	4	2	2,179	4	1	0,816
5	1	2,252	45	0	0,086	5	2	2,951	5	1	0,934
6	3	2,767	46	0	0,073	6	2	3,651	6	1	1,014
7	5	3,204	47	0	0,062	7	3	4,231	7	1	1,061
8	4	3,548	48	0	0,053	8	3	4,668	8	0	1,081
9	2	3,794	49	0	0,045	9	5	4,954	9	0	1,078
10	6	3,945	50	0	0,038	10	10	5,096	10	1	1,059
11	7	4,009	51	0	0,032	11	5	5,109	11	2	1,026
12	4	3,997	52	0	0,027	12	6	5,014	12	0	0,983
13	5	3,92	53	0	0,023	13	6	4,831	13	0	0,933
14	4	3,791	54	0	0,019	14	3	4,583	14	1	0,878
15	3	3,622	55	0	0,016	15	5	4,288	15	1	0,822
16	2	3,424	56	0	0,014	16	5	3,964	16	2	0,764
17	5	3,207	57	0	0,012	17	1	3,626	17	3	0,706
18	5	2,978	58	0	0,01	18	1	3,286	18	1	0,65
19	1	2,745	59	0	0,008	19	3	2,952	19	1	0,596
20	4	2,513	60	0	0,007	20	4	2,632	20	0	0,545
21	0	2,287	61	0	0,006	21	3	2,331	21	0	0,496
22	2	2,069	62	0	0,005	22	3	2,051	22	0	0,45
23	1	1,863	63	0	0,004	23	0	1,794	23	0	0,407
24	1	1,669	64	0	0,003	24	2	1,561	24	0	0,368
25	0	1,489	65	0	0,003	25	2	1,352	25	1	0,331
26	0	1,323	66	1	0,014	26	0	1,165	26	0	0,298
27	0	1,171				27	2	1	27	0	0,267
28	0	1,034				28	2	0,855	28	0	0,239
29	0	0,909				29	1	0,728	29	0	0,213
30	2	0,797				30	0	0,619	30	0	0,19
31	1	0,697				31	0	0,523	31	0	0,17
32	0	0,608				32	0	0,442	32	0	0,151
33	0	0,529				33	1	2,203	33	1	0,134
34	0	0,459							34	0	0,119
35	2	0,398							35	0	0,105
36	1	0,344							36	0	0,093
37	0	0,297							37	0	0,083
38	1	0,255							38	1	0,6
39	1	0,22									

40 0 0,188

Input data: Valpet_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 561
 Best method is
 Method 1 of 3
 min. size: 60

k = 2,74124244890547
 p = 0,178054887191548
 DF =5
 $X^2 = 7,5236$ $P(X^2) = 0,1845$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	4,949	41	0	0,794
2	7	11,15	42	2	0,681
3	11	17,15	43	2	0,583
4	23	22,27	44	2	0,498
5	37	26,28	45	0	0,426
6	26	29,12	46	1	0,364
7	33	30,88	47	0	0,31
8	35	31,7	48	2	0,264
9	28	31,72	49	1	0,225
10	29	31,12	50	0	0,192
11	35	30,03	51	1	0,163
12	46	28,59	52	0	0,139
13	27	26,91	53	0	0,118
14	19	25,08	54	0	0,1
15	19	23,18	55	0	0,085
16	17	21,26	56	1	0,072
17	15	19,38	57	0	0,061
18	19	17,56	58	0	0,052
19	10	15,83	59	0	0,044
20	9	14,2	60	0	0,037
21	15	12,69	61	0	0,031
22	11	11,3	62	1	0,026
23	7	10,02	63	1	0,142
24	4	8,86			
25	11	7,811			
26	5	6,867			
27	4	6,022			
28	4	5,269			
29	8	4,6			
30	2	4,008			
31	5	3,486			
32	3	3,026			
33	4	2,623			
34	8	2,269			
35	3	1,961			
36	3	1,692			
37	0	1,458			
38	1	1,255			
39	1	1,079			

Input data: Pokljuk_1er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 169
 Best method is
 Method 3 of 3
 Parameters:
 k = 3,06364501254721
 p = 0,143998994878182
 DF =42
 $X^2 = 42,1473$ $P(X^2) = 0,4646$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	0,446	41	2	0,915
2	1	1,17	42	1	0,822
3	3	2,035	43	0	0,738
4	3	2,94	44	1	0,662
5	3	3,815	45	0	0,594
6	8	4,613	46	0	0,531
7	5	5,307	47	1	0,475
8	8	5,882	48	0	0,425
9	11	6,334	49	0	0,379
10	5	6,665	50	0	0,338
11	10	6,882	51	0	0,302
12	3	6,996	52	0	0,269
13	6	7,019	53	0	0,239
14	2	6,962	54	2	0,213
15	7	6,838	55	0	0,189
16	8	6,658	56	0	0,168
17	8	6,435	57	0	0,149
18	5	6,177	58	0	0,132
19	5	5,894	59	0	0,117
20	6	5,593	60	0	0,104
21	7	5,281	61	0	0,092
22	4	4,965	62	0	0,081
23	2	4,649	63	0	0,072
24	6	4,336	64	0	0,064
25	0	4,031	65	0	0,056
26	5	3,736	66	0	0,05
27	4	3,451	67	0	0,044
28	1	3,18	68	0	0,039
29	5	2,923	69	1	0,034
30	4	2,68	70	1	0,248
31	4	2,452			
32	0	2,239			
33	5	2,04			
34	2	1,855			
35	2	1,685			
36	1	1,527			
37	0	1,382			
38	0	1,249			
39	0	1,127			

40 0 0,926

40 1 1,016

Input data: Krpan_1er.dat
Distribution: Negative binomial (k,p)
Sample size: 371
Best method is
Method 1 of 3

Parameters:
k = 1,95313364347382
p = 0,121787516185472
DF =8
X² = 15,1957 P(X²) = 0,0555

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	6,073	41	1	1,182	81	0	0,013
2	5	10,42	42	2	1,062	82	0	0,011
3	12	13,51	43	1	0,954	83	0	0,01
4	22	15,63	44	2	0,857	84	0	0,009
5	15	17	45	1	0,769	85	0	0,008
6	18	17,78	46	0	0,689	86	0	0,007
7	23	18,09	47	0	0,618	87	0	0,006
8	20	18,05	48	0	0,554	88	0	0,006
9	30	17,74	49	1	0,496	89	0	0,005
10	17	17,23	50	0	0,444	90	0	0,004
11	15	16,57	51	0	0,397	91	0	0,004
12	22	15,82	52	0	0,355	92	0	0,003
13	12	14,99	53	0	0,318	93	0	0,003
14	17	14,13	54	1	0,284	94	0	0,003
15	10	13,26	55	0	0,254	95	0	0,002
16	5	12,38	56	0	0,227	96	0	0,002
17	4	11,52	57	0	0,203	97	0	0,002
18	13	10,69	58	1	0,181	98	0	0,002
19	5	9,882	59	0	0,162	99	0	0,002
20	10	9,114	60	0	0,144	100	0	0,001
21	6	8,385	61	0	0,129	101	0	0,001
22	13	7,698	62	0	0,115	102	0	0,001
23	4	7,054	63	0	0,102	103	0	0,00
24	5	6,451	64	0	0,091	104	0	0,00
25	7	5,891	65	0	0,081	105	0	0,00
26	4	5,37	66	0	0,072	106	1	0,01
27	4	4,889	67	0	0,065			
28	7	4,445	68	1	0,058			
29	2	4,037	69	0	0,051			
30	3	3,662	70	0	0,046			
31	7	3,318	71	0	0,041			
32	6	3,004	72	0	0,036			
33	5	2,716	73	0	0,032			
34	5	2,454	74	0	0,029			
35	2	2,216	75	0	0,025			
36	2	1,999	76	0	0,023			
37	1	1,802	77	0	0,02			
38	0	1,623	78	0	0,018			
39	0	1,461	79	0	0,016			
40	1	1,315	80	0	0,014			

Input data:
 Mackova_2er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 109
 Best method is
 Method 1 of 3
 k = 2,48317786417933
 p = 0,284952587443227
 DF = 16

$X^2 = 12,2778$ $P(X^2) = 0,7246$

X[i]	F[i]	NP[i]	X[i]
1	3	4,825	21
2	12	8,568	22
3	11	10,67	23
4	10	11,4	24
5	6	11,18	25
6	10	10,36	26
7	7	9,24	27
8	13	8,007	28
9	8	6,787	29
10	4	5,653	30
11	5	4,642	31
12	5	3,766	
13	3	3,026	
14	3	2,411	
15	2	1,906	
16	3	1,498	
17	0	1,17	
18	1	0,91	
19	0	0,704	
20	0	0,543	

Input data:
 Ponkrcev_2er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 165
 Best method is
 Method 1 of 3
 k = 3,291171610201
 p = 0,372329978804868
 DF = 15

$X^2 = 24,2475$ $P(X^2) = 0,0610$

X[i]*	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	3	0,417	1	3	0,417
2	11	0,319	2	11	0,319
3	26	0,244	3	26	0,244
4	15	0,185	4	15	0,185
5	22	0,141	5	22	0,141
6	16	0,107	6	16	0,107
7	17	0,081	7	17	0,081
8	9	0,061	8	9	0,061
9	12	0,046	9	12	0,046
10	2	0,034	10	2	0,034
11	7	0,102	11	7	0,102
12	9		12	9	
13	5		13	5	
14	2		14	2	
15	0		15	0	
16	1		16	1	
17	4		17	4	
18	1		18	1	
19	1		19	1	
20	1		20	1	
21	1		21	1	

Input data:
 PonkrcevK1_2er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 68
 Best method is
 Method 3 of 3
 k = 3,15604703733979
 p = 0,343831227881963
 DF = 14

$X^2 = 18,3195$ $P(X^2) = 0,1926$

X[i]#	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	2	6,388	1	2	2,34
2	5	13,2	2	5	4,846
3	9	17,77	3	9	6,607
4	7	19,67	4	7	7,451
5	9	19,42	5	9	7,525
6	4	17,78	6	4	7,067
7	6	15,42	7	6	6,303
8	2	12,84	8	2	5,41
9	9	10,37	9	9	4,506
10	1	8,167	10	1	3,665
11	4	6,301	11	4	2,924
12	5	4,778	12	5	2,294
13	3	3,572	13	3	1,776
14	0	2,637	14	0	1,359
15	0	1,926	15	0	1,029
16	0	1,394	16	0	0,772
17	1	1	17	1	0,575
18	0	0,712	18	0	0,425
19	0	0,504	19	0	0,312
20	1	0,355	20	1	0,815
21	1	0,801			

Input data: PonkrcevK2_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 38
 Best method is
 Method 2 of 3
 k = 3,48327478466008
 p = 0,364924120172863
 DF = 11
 $X^2 = 10,9936$ $P(X^2) = 0,4438$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	1,135	11	2	1,676
2	1	2,51	12	0	1,305
3	6	3,573	13	2	1
4	3	4,147	14	1	0,756
5	7	4,269	15	0	0,566
6	5	4,058	16	1	0,419
7	5	3,643	17	1	0,307
8	2	3,135	18	1	0,78

Input data: PonkrcevK3_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 59
 Best method is
 Method 1 of 3
 k = 2,51542027623182
 p = 0,314050718133482
 DF = 12
 $X^2 = 13,4033$ $P(X^2) = 0,3404$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	3,203	11	1	2,154
2	5	5,527	12	4	1,681
3	11	6,664	13	0	1,299
4	5	6,88	14	1	0,995
5	6	6,508	15	0	0,756
6	7	5,817	16	0	0,571
7	6	4,998	17	2	0,429
8	5	4,17	18	0	0,32

9	0	2,609	9	3	3,403	19	1	0,238
10	1	2,114	10	0	2,727	20	0	0,177
						21	1	0,483

Input data: Hlapec_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 1383
 Method 1 of 3
 min. size: 160
 k = 2,65980473811165
 p = 0,317879404725475
 DF =4
 $X^2 = 20,2345$ $P(X^2) = 0,0004$
 C = 0,0146

Input data: Hlapeck1_2er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 43
 Best method is
 Method 2 of 3
 Parameters:
 k = 5,40928153713332
 p = 0,474311463940386
 DF =10
 $X^2 = 13,4227$ $P(X^2) = 0,2010$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	67	65,61	21	3	3,348	41	0	0,005	1	2	0,761
2	117	119	22	1	2,464	42	0	0,003	2	0	2,163
3	125	148,6	23	0	1,808	43	0	0,002	3	3	3,644
4	119	157,4	24	0	1,322	44	0	0,002	4	5	4,731
5	168	151,9	25	1	0,964	45	0	0,001	5	7	5,229
6	146	138	26	1	0,701	46	0	0,00	6	4	5,173
7	131	120,2	27	0	0,509	47	0	0,00	7	10	4,717
8	119	101,4	28	0	0,369	48	0	0,00	8	4	4,042
9	99	83,55	29	0	0,266	49	1	0,001	9	0	3,296
10	68	67,5	30	0	0,192				10	1	2,582
11	54	53,69	31	0	0,138				11	2	1,955
12	34	42,15	32	0	0,099				12	1	1,44
13	36	32,72	33	2	0,071				13	0	1,035
14	23	25,17	34	0	0,051				14	1	0,729
15	17	19,21	35	0	0,037				15	0	0,504
16	14	14,55	36	1	0,026				16	1	0,343
17	8	10,96	37	0	0,019				17	0	0,23
18	15	8,202	38	0	0,013				18	0	0,152
19	4	6,111	39	1	0,01				19	0	0,1
20	8	4,532	40	0	0,007				20	1	0,065
									21	1	0,111

Input data: Hlapeck2_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 82
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,38414691879024
 p = 0,313605680772769
 DF =13
 $X^2 = 8,4740$ $P(X^2) = 0,8114$

Input data: Hlapeck3_2er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 85
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,31122538150294
 p = 0,300464190158745
 DF =14
 $X^2 = 18,3823$ $P(X^2) = 0,1899$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	4	5,166	11	2	2,759	1	5	5,278	11	2	2,979	21	0	0,194
2	13	8,453	12	2	2,132	2	9	8,534	12	1	2,332	22	0	0,144
3	7	9,818	13	2	1,632	3	13	9,883	13	2	1,81	23	0	0,107
4	9	9,848	14	2	1,24	4	4	9,936	14	0	1,394	24	0	0,079
5	10	9,099	15	0	0,935	5	6	9,229	15	0	1,066	25	1	0,218
6	5	7,974	16	1	0,701	6	10	8,149	16	1	0,811			
7	9	6,736	17	0	0,523	7	10	6,946	17	0	0,614			
8	8	5,538	18	1	0,388	8	9	5,769	18	2	0,463			

9	2	4,459	19	0	0,287	9	9	4,697	19	0	0,347
10	4	3,531	20	1	0,78	10	1	3,765	20	0	0,26

Input data: Hlapeck4_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 57
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,70958686044361
 p = 0,245870298253797
 DF =13
 X² = 19,1910 P(X²) = 0,1173

Input data: Hlapeck5_2er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 80
 Best method is
 Method 1 of 3
 Parameters:
 k = 1,90315195689053
 p = 0,299371415139802
 DF =12
 X² = 4,9519 P(X²) = 0,9596

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	0	5,179	21	0	0,174	41	0	0,001	1	8	8,058
2	10	6,677	22	0	0,136	42	0	0,00	2	14	10,74
3	10	6,822	23	0	0,106	43	0	0,00	3	9	10,93
4	5	6,361	24	0	0,082	44	0	0,00	4	7	9,961
5	8	5,648	25	0	0,064	45	0	0,00	5	9	8,555
6	3	4,864	26	0	0,049	46	0	0,00	6	9	7,076
7	4	4,102	27	0	0,038	47	0	0,00	7	4	5,704
8	3	3,407	28	0	0,03	48	0	0,00	8	6	4,512
9	4	2,797	29	0	0,023	49	1	0,00	9	5	3,518
10	1	2,276	30	0	0,018				10	2	2,712
11	0	1,838	31	0	0,014				11	2	2,072
12	0	1,476	32	0	0,011				12	1	1,571
13	2	1,179	33	1	0,008				13	1	1,183
14	0	0,937	34	0	0,006				14	1	0,887
15	4	0,743	35	0	0,005				15	0	0,661
16	0	0,587	36	0	0,004				16	0	0,491
17	0	0,462	37	0	0,003				17	1	0,364
18	1	0,363	38	0	0,002				18	0	0,268
19	0	0,285	39	0	0,002				19	1	0,732
20	0	0,223	40	0	0,001						

Input data: Hlapeck6_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 75
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,79721387511104
 p = 0,354858526231063
 DF =12
 X² = 12,0067 P(X²) = 0,4451

Input data: Hlapeck7_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 71
 Best method is
 Method 1 of 3
 Parameters:
 k = 3,98380279238997
 p = 0,396748071089851
 DF =13
 X² = 5,6763 P(X²) = 0,9571

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	4,135	11	2	2,446	1	0	1,786	11	4	3,189
2	8	7,462	12	0	1,836	2	5	4,292	12	2	2,446
3	10	9,14	13	1	1,362	3	8	6,451	13	2	1,842
4	10	9,429	14	2	1	4	6	7,763	14	2	1,367
5	13	8,816	15	2	0,728	5	11	8,176	15	0	1
6	7	7,732	16	1	0,526	6	8	7,875	16	0	0,723
7	8	6,482	17	0	0,377	7	5	7,113	17	1	0,518
8	4	5,256	18	2	0,907	8	6	6,12	18	1	0,367
9	3	4,153				9	6	5,069	19	0	0,258

10	1	3,214		10	3	4,072	20	0	0,18
							21	1	0,393

Input data: HlapecK8_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 107
 Best method is
 Method 1 of 3
 Parameters:
 k = 3,58370911864975
 p = 0,360839411416534
 DF = 15

Input data: HlapecK9_2er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 60
 Best method is
 Method 1 of 3
 min. size: 5
 k = 9,48206822185541
 p = 0,56641946106678
 DF = 6

Input data: HlapecK10_2er.dat#
 Distribution: Negative binomial (k,p)
 Sample size: 113
 Best method is
 Method 1 of 3
 min. size: 7
 k = 1,91354694492655
 p = 0,30005910468715
 DF = 6

X² = 15,3694 P(X²) = 0,4252

X² = 10,6699 P(X²) = 0,0991

X² = 9,5789 P(X²) = 0,1435

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	7	2,773	21	0	0,282	1	0	0,274	1	14	11,29
2	5	6,351	22	1	0,692	2	0	1,126	2	18	15,12
3	6	9,304				3	5	2,558	3	14	15,42
4	11	11,07				4	3	4,244	4	6	14,08
5	13	11,64				5	10	5,743	5	13	12,1
6	10	11,29				6	8	6,714	6	10	10,02
7	9	10,32				7	1	7,026	7	5	8,082
8	13	9,032				8	9	6,738	8	12	6,395
9	6	7,638				9	4	6,019	9	9	4,987
10	6	6,283				10	6	5,069	10	6	3,845
11	8	5,054				11	3	4,062	11	1	2,937
12	5	3,989				12	0	3,119	12	3	2,227
13	1	3,098				13	7	2,309	13	0	1,677
14	1	2,374				14	3	1,654	14	0	1,256
15	1	1,797				15	0	1,152	15	0	0,937
16	3	1,347				16	0	0,782	16	0	0,696
17	0	1				17	0	0,519	17	0	0,515
18	1	0,736				18	1	0,894	18	0	0,38
19	0	0,538							19	0	0,279
20	0	0,391							20	2	0,755

Input data: Hlapec K11_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 75
 Best method is
 Method 3 of 3
 Parameters:
 k = 7,11203742564838
 p = 0,544946475586249
 DF = 11
 $X^2 = 14,6367$ $P(X^2) = 0,1997$

X[i]	F[i]	NP[i]	X[i]*
1	6	1	1
2	4	3,236	2
3	6	5,973	3
4	7	8,256	4
5	6	9,498	5
6	9	9,605	6
7	13	8,823	7
8	4	7,521	8
9	8	6,037	9
10	4	4,613	10
11	2	3,382	11
12	2	2,394	12
13	1	1,644	13
14	1	1,1	14
15	1	0,719	15
16	0	0,461	16
17	1	0,737	17
			18
			19
			20

Input data: HlapecK12_2er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 80
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,37587961342991
 p = 0,272851957346445
 DF = 16
 $X^2 = 7,2722$ $P(X^2) = 0,9677$

F[i]	NP[i]	X[i]	F[i]	NP[i]
3	3,655	21	1	0,341
7	6,315	22	0	0,264
4	7,751	23	0	0,204
6	8,221	24	0	0,157
12	8,034	25	0	0,121
8	7,449	26	0	0,093
7	6,659	27	0	0,071
5	5,794	28	0	0,054
6	4,938	29	0	0,041
3	4,139	30	0	0,032
4	3,424	31	0	0,024
3	2,801	32	0	0,018
2	2,27	33	0	0,014
2	1,826	34	0	0,011
3	1,458	35	0	0,008
1	1,157	36	0	0,006
0	0,914	37	0	0,005
2	0,718	38	0	0,003
0	0,562	39	1	0,01
0	0,439			

Input data: HlapecK13_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 119
 Best method is
 Method 1 of 3

Parameters:
 k = 2,81144462179432
 p = 0,323624448654208
 DF = 15
 $X^2 = 5,6451$ $P(X^2) = 0,9851$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	4,99	11	5	4,849	21	0	0,304
2	12	9,488	12	3	3,82	22	0	0,224
3	9	12,23	13	5	2,974	23	0	0,164
4	14	13,27	14	2	2,292	24	0	0,119
5	10	13,04	15	2	1,751	25	0	0,087
6	15	12,01	16	1	1,327	26	1	0,225
7	11	10,58	17	1	0,999			
8	7	9,006	18	0	0,748			
9	8	7,471	19	0	0,557			
10	7	6,07	20	1	0,413			

Input data: Hlapeck14_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 53
 Best method is
 Method 3 of 3
 Parameters:
 k = 4,62303817751765
 p = 0,365707978483836
 DF =14
 X² = 11,5330 P(X²) = 0,6438

X[i]	F[i]	NP[i]
1	2	0,507
2	1	1,485
3	0	2,649
4	2	3,709
5	5	4,484
6	6	4,905
7	7	4,99
8	6	4,803
9	7	4,426
10	3	3,938
11	3	3,403
12	2	2,869
13	1	2,369
14	1	1,922
15	0	1,534
16	2	1,208
17	1	0,94
18	0	0,723
19	1	0,551
20	2	0,416

Input data: Hlapeck15_2er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 98
 Best method is
 Method 1 of 3
 Parameters:
 k = 3,91779227816803
 p = 0,372131306389073
 DF =14
 X² = 11,2905 P(X²) = 0,6631

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	0	0,312	1	4	2,039
2	0	0,232	2	4	5,014
3	0	0,171	3	11	7,741
4	0	0,126	4	8	9,588
5	0	0,092	5	11	10,41
6	0	0,067	6	10	10,35
7	0	0,048	7	9	9,66
8	0	0,035	8	5	8,594
9	0	0,025	9	6	7,364
10	0	0,018	10	7	6,122
11	0	0,013	11	6	4,966
12	0	0,009	12	5	3,945
13	0	0,006	13	6	3,079
14	0	0,004	14	1	2,367
15	0	0,003	15	1	1,796
16	1	0,007	16	2	1,347
17			17	1	1
18			18	1	2,617

Input data: Hlapeck16_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 77
 Best method is
 Method 1 of 3

Parameters:
 k = 3,01592752946573
 p = 0,308441125638466
 DF =16
 X² = 17,8633 P(X²) = 0,3320

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	2,218	11	2	3,757	21	0	0,332	31	0	0,018
2	1	4,625	12	2	3,074	22	0	0,252	32	0	0,013
3	4	6,423	13	0	2,483	23	0	0,19	33	1	0,036
4	9	7,426	14	0	1,983	24	0	0,143			
5	8	7,724	15	2	1,569	25	0	0,107			
6	11	7,495	16	1	1,231	26	0	0,08			
7	9	6,925	17	0	0,959	27	0	0,06			
8	5	6,168	18	3	0,742	28	0	0,044			
9	10	5,341	19	1	0,57	29	0	0,033			
10	5	4,521	20	1	0,436	30	0	0,024			

Input data: HlapecK17_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 87
 Best method is
 Method 1 of 3
 Parameters:
 k = 6,22535224022276
 p = 0,496477631412827
 DF =13

$X^2 = 16,6436$ $P(X^2) = 0,2161$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	1,113	11	6	4,407
2	4	3,488	12	2	3,273
3	4	6,345	13	2	2,366
4	6	8,759	14	4	1,67
5	15	10,17	15	1	1,155
6	11	10,47	16	0	0,784
7	9	9,868	17	1	1,477
8	10	8,677			
9	2	7,223			
10	7	5,749			

Input data: HlapecK18_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 21
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,67281353865297
 p = 0,280739554252786
 DF =10

$X^2 = 9,8108$ $P(X^2) = 0,4572$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	0,704	11	0	1,001
2	2	1,354	12	0	0,83
3	2	1,788	13	1	0,68
4	1	2,003	14	0	0,552
5	1	2,043	15	0	0,444
6	2	1,961	16	0	0,355
7	1	1,804	17	1	0,282
8	3	1,608	18	0	0,223
9	4	1,398	19	1	0,777
10	1	1,193			

Input data: Valpet_2er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 561
 Best method is
 Method 1 of 3
 min. size: 70
 k = 2,75712263127456
 p = 0,315348929941844
 DF =3

$X^2 = 9,5966$ $P(X^2) = 0,0223$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	10	23,28	21	2	1,601
2	34	43,95	22	4	1,188
3	63	56,53	23	1	0,878
4	68	61,37	24	2	0,647
5	57	60,48	25	1	0,476
6	81	55,96	26	1	0,348
7	46	49,53	27	0	0,255
8	36	42,42	28	1	0,186
9	34	35,43	29	0	0,135
10	19	28,99	30	0	0,098
11	26	23,33	31	1	0,071
12	11	18,53	32	1	0,184
13	16	14,54			
14	8	11,3			
15	10	8,71			
16	8	6,662			
17	12	5,062			
18	6	3,824			
19	1	2,873			

Input data: Pokljuk_2er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 169
 Best method is
 Method 1 of 3
 Parameters:
 k = 3,02582792473829
 p = 0,262064224057477
 DF =23

$X^2 = 18,0028$ $P(X^2) = 0,7573$

X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	2,938	21	3	1,647
2	6	6,561	22	1	1,332
3	11	9,745	23	0	1,074
4	13	12,05	24	1	0,862
5	16	13,39	25	0	0,69
6	13	13,89	26	0	0,55
7	8	13,71	27	2	0,438
8	15	13,04	28	0	0,347
9	13	12,06	29	0	0,275
10	11	10,9	30	0	0,217
11	11	9,677	31	0	0,171
12	8	8,456	32	0	0,134
13	5	7,294	33	0	0,105
14	5	6,221	34	0	0,083
15	9	5,255	35	2	0,29
16	4	4,402			
17	7	3,659			
18	3	3,022			
19	0	2,481			

20 1 2,149

20 1 2,026

Input data: Krpan_2er.dat
Distribution: Negative binomial (k,p)
Sample size: 371
Best method is
Method 1 of 3

min. size: 30
k = 2,08067823643346
p = 0,239505992477741
DF =9
 $X^2 = 16,6610$ $P(X^2) = 0,0543$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	18,96	21	3	2,06	41	0	0,018
2	34	30,01	22	3	1,648	42	0	0,014
3	33	35,15	23	1	1,314	43	0	0,011
4	43	36,36	24	0	1,047	44	0	0,008
5	47	35,12	25	1	0,832	45	0	0,007
6	37	32,49	26	0	0,66	46	0	0,005
7	29	29,15	27	1	0,523	47	0	0,004
8	15	25,59	28	0	0,413	48	0	0,003
9	17	22,09	29	1	0,327	49	0	0,002
10	15	18,82	30	0	0,258	50	0	0,002
11	19	15,86	31	0	0,203	51	0	0,002
12	9	13,25	32	0	0,16	52	0	0,001
13	11	10,98	33	0	0,126	53	1	0,004
14	11	9,045	34	1	0,099			
15	5	7,409	35	0	0,077			
16	13	6,041	36	0	0,061			
17	10	4,904	37	0	0,048			
18	4	3,967	38	0	0,037			
19	1	3,198	39	0	0,029			
20	1	2,57	40	0	0,023			

Input data:
Mackova_3er.dat
Distribution: Negative binomial
(k,p)
Sample size: 109
Best method is
Method 1 of 3
Parameters:
k = 2,51497108712441
p = 0,38639029769329
DF = 11
 $X^2 = 9,0789$ $P(X^2) = 0,6146$

X[i]	F[i]	NP[i]	X[i]
1	6	9,973	16
2	20	15,39	17
3	15	16,6	18
4	11	15,33	19
5	16	12,97	20
6	12	10,37	21
7	5	7,968	
8	9	5,947	
9	5	4,34	
10	3	3,112	
11	3	2,199	
12	1	1,535	
13	0	1,061	
14	1	0,727	
15	0	0,494	

Input data:
Ponkrcev_3er.dat*
Distribution: Negative binomial
(k,p)
Sample size: 165
Best method is
Method 1 of 3
min. size: 3
k = 3,61018086792025
p = 0,495053464612692
DF = 8
 $X^2 = 15,1158$ $P(X^2) = 0,0569$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	6	0,334	1	6	13,04
2	34	0,224	2	34	23,76
3	26	0,15	3	26	27,66
4	27	0,1	4	27	26,12
5	21	0,066	5	21	21,79
6	17	0,126	6	17	16,75
7	5		7	5	12,14
8	13		8	13	8,414
9	6		9	6	5,635
10	1		10	1	3,67
11	5		11	5	2,337
12	1		12	1	1,46
13	1		13	1	0,898
14	2		14	2	1,332

Input data:
PonkrcevK1_3er.dat#
Distribution: Negative binomial
(k,p)
Sample size: 68
Best method is
Method 3 of 3
Parameters:
k = 3,95810848262788
p = 0,511605513823812
DF = 8
 $X^2 = 7,1251$ $P(X^2) = 0,5232$

X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	5	4,791	1	5	4,791
2	11	9,262	2	11	9,262
3	12	11,21	3	12	11,21
4	8	10,88	4	8	10,88
5	8	9,241	5	8	9,241
6	9	7,183	6	9	7,183
7	3	5,238	7	3	5,238
8	7	3,639	8	7	3,639
9	3	2,435	9	3	2,435
10	0	1,58	10	0	1,58
11	1	1	11	1	1
12	0	0,62	12	0	0,62
13	0	0,377	13	0	0,377
14	1	0,543	14	1	0,543

Input data:
PonkrcevK2_3er.dat
Distribution: Negative binomial
(k,p)
Sample size: 38
Method 1 of 3
Parameters:
k = 4,1338211351437
p = 0,511327742546016
DF = 7
 $X^2 = 9,0206$ $P(X^2) = 0,2512$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	0	2,375	1	1	6,087
2	7	4,797	2	16	9,952
3	7	6,017	3	7	10,64
4	8	6,012	4	11	9,359
5	6	5,24	5	7	7,352
6	1	4,165	6	7	5,359
7	2	3,099	7	0	3,704
8	1	2,192	8	5	2,46
9	3	1,491	9	0	1,584
10	0	0,982	10	1	0,995
11	2	0,63	11	2	0,613
12	1	1	12	0	0,371

Input data:
PonkrcevK3_3er.dat*
Distribution: Negative binomial
(k,p)
Sample size: 59
Method 1 of 3
min. size: 3
k = 3,25438959826638
p = 0,497598663119142
DF = 5
 $X^2 = 10,3976$ $P(X^2) = 0,0647$

X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	124	129,9	16	124	129,9
2	185	209,4	17	185	209,4
3	190	227,5	18	190	227,5
4	243	207,3	19	243	207,3
5	196	170,8	20	196	170,8
6	153	131,7	21	153	131,7
7	94	96,92	22	94	96,92
8	62	68,91	23	62	68,91
9	51	47,71	24	51	47,71
10	25	32,33	25	25	32,33
11	18	21,53	26	18	21,53
12	19	14,13	27	19	14,13

Input data: Hlapec_3er.dat#
Distribution: Negative binomial
(k,p)
Sample size: 1383
Method 1 of 3
min. size: 20
k = 2,87438694689714
p = 0,4391368130529
DF = 9
 $X^2 = 25,4983$ $P(X^2) = 0,0025$
C = 0,0184

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	2,36	31	0	0,001
2	2	1,479	32	0	0,00
3	0	0,921	33	1	0,001
4	0	0,57			
5	0	0,351			
6	0	0,216			
7	2	0,132			
8	0	0,08			
9	1	0,049			
10	0	0,029			
11	1	0,018			
12	0	0,011			

13	1	0,221	13	8	9,165	28	0	0,006
14	1	0,309	14	7	5,882	29	0	0,004
			15	1	3,741	30	0	0,002

Input data: Hlapeck1_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 43
 Best method is
 Method 1 of 3
 Parameters:
 k = 4,24691358024691
 p = 0,51497005988024
 DF =8

$X^2 = 9,0760$ $P(X^2) = 0,3359$

X[i]	F[i]	NP[i]	X[i]*
1	2	2,567	1
2	3	5,288	2
3	7	6,729	3
4	9	6,796	4
5	11	5,972	5
6	3	4,777	6
7	3	3,571	7
8	1	2,536	8
9	1	1,729	9
10	0	1,141	10
11	1	0,733	11
12	0	0,461	12
13	0	0,284	13
14	2	0,418	14

Input data: Hlapeck2_3er.dat*
 Distribution: Negative binomial (k,p)
 Sample size: 82
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,83425573970453
 p = 0,458254899427082
 DF =8

$X^2 = 1,3371$ $P(X^2) = 0,9951$

F[i]	NP[i]	X[i]#	F[i]
9	8,981	1	7
15	13,79	2	20
13	14,32	3	7
11	12,5	4	13
12	9,879	5	14
7	7,315	6	14
5	5,175	7	2
3	3,538	8	2
3	2,356	9	2
1	1,537	10	0
1	0,985	11	1
1	0,623	12	2
0	0,389	13	0
1	0,611	14	0
		15	0

Input data: Hlapeck3_3er.dat#
 Distribution: Negative binomial (k,p)
 Sample size: 85
 Best method is
 Method 1 of 3
 min. size: 10
 k = 2,81018551621518
 p = 0,460391232639935
 DF =3

$X^2 = 7,2827$ $P(X^2) = 0,0634$

NP[i]	X[i]	F[i]	NP[i]
9,61	16	0	0,086
14,57	17	1	0,127
14,98			
12,96			
10,16			
7,467			
5,245			
3,562			
2,357			
1,528			
0,974			
0,612			
0,38			
0,234			
0,142			

Input data: Hlapeck4_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 57
 Best method is
 Method 1 of 3
 k = 1,33522946392086
 p = 0,285040945193622
 DF =9
 $X^2 = 12,2064$ $P(X^2) = 0,2019$

X[i]	F[i]	NP[i]	X[i]
1	5	10,67	16
2	15	10,18	17
3	7	8,501	18
4	9	6,757	19
5	6	5,236	20
6	5	3,994	21
7	1	3,015	22
8	0	2,259	23
9	2	1,683	24
10	4	1,248	25
11	0	0,922	26
12	1	0,679	27

Input data: Hlapeck5_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 80
 Best method is
 Method 1 of 3
 k = 1,72545834030363
 p = 0,378397352933994
 DF =9
 $X^2 = 8,3462$ $P(X^2) = 0,4997$

F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]
31	0	0,002	1	18	14,96
32	0	0,001	2	13	16,04
33	1	0,003	3	15	13,59
			4	10	10,49
			5	5	7,703
			6	10	5,483
			7	4	3,82
			8	1	2,621
			9	2	1,777
			10	0	1,194
			11	0	0,796
			12	1	0,527

Input data: Hlapeck6_3er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 75
 Best method is
 Method 1 of 3
 k = 3,0118117651104
 p = 0,467702646473815
 DF =8
 $X^2 = 8,6757$ $P(X^2) = 0,3704$

F[i]	NP[i]	X[i]	F[i]	NP[i]
18	14,96	1	5	7,605
13	16,04	2	14	12,19
15	13,59	3	15	13,02
10	10,49	4	15	11,58
5	7,703	5	11	9,261
10	5,483	6	4	6,913
4	3,82	7	2	4,914
1	2,621	8	1	3,367
2	1,777	9	2	2,243
0	1,194	10	3	1,461
0	0,796	11	1	0,934
1	0,527	12	2	1,519

13	0	0,499	28	0	0,004	13	1	1		
14	0	0,366	29	0	0,003					
15	0	0,268	30	0	0,002					
Input data: HlapecK7_3er.dat					Input data: HlapecK8_3er.dat			Input data: HlapecK9_3er.dat		
Distribution: Negative binomial (k,p)					Distribution: Negative binomial (k,p)			Distribution: Negative binomial (k,p)		
Sample size: 71					Sample size: 107			Sample size: 60		
Best method is					Best method is			Best method is		
Method 1 of 3					Method 1 of 3			Method 3 of 3		
Parameters:					Parameters:			Parameters:		
k = 4,64113707406383					k = 4,38385845322819			k = 17,4453973971599		
p = 0,538933278045889					p = 0,530715816623179			p = 0,806641558027269		
DF =9					DF =9			DF =4		
X ² = 5,2063 P(X ²) = 0,8160					X ² = 14,8828 P(X ²) = 0,0942			X ² = 5,0918 P(X ²) = 0,2780		
X[i]	F[i]	NP[i]		X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	
1	2	4,03		1	11	6,656	1	0	1,413	
2	11	8,623		2	7	13,69	2	5	4,767	
3	12	11,21		3	19	17,3	3	9	8,5	
4	13	11,45		4	15	17,27	4	12	10,65	
5	9	10,08		5	18	14,96	5	5	10,53	
6	8	8,033		6	10	11,78	6	9	8,732	
7	4	5,951		7	8	8,643	7	7	6,316	
8	5	4,171		8	11	6,016	8	2	4,09	
9	4	2,799		9	1	4,018	9	10	2,417	
10	0	1,812		10	2	2,594	10	0	1,321	
11	0	1,14		11	3	1,63	11	0	0,676	
12	2	0,7		12	1	1	12	1	0,586	
13	0	0,42		13	0	0,602				
14	1	0,58		14	0	0,356				
				15	1	0,48				

Input data: HlapecK10_3er.dat				Input data: HlapecK11_3er.dat*				Input data: HlapecK12_3er.dat#			
Distribution: Negative binomial (k,p)				Distribution: Negative binomial (k,p)				Distribution: Negative binomial (k,p)			
Sample size: 113				Sample size: 75				Sample size: 80			
Best method is				Best method is				Best method is			
Method 1 of 3				Method 1 of 3				Method 1 of 3			
Parameters:				Parameters:				Parameters:			
k = 2,42469130895839				k = 8,8939828568146				k = 2,22872446656517			
p = 0,477048576134885				p = 0,717606829003673				p = 0,353407579746789			
DF =8				DF =7				DF =11			
X ² = 11,9310 P(X ²) = 0,1543				X ² = 5,5815 P(X ²) = 0,5894				X ² = 5,7188 P(X ²) = 0,8915			
X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	23	18,78	1	6	3,92	1	8	7,876	16	0	0,309
2	23	23,81	2	10	9,846	2	6	11,35	17	0	0,215
3	11	21,32	3	8	13,76	3	11	11,85	18	0	0,149
4	18	16,45	4	14	14,11	4	15	10,8	19	0	0,103
5	15	11,66	5	16	11,84	5	10	9,127	20	0	0,071
6	11	7,838	6	9	8,625	6	8	7,352	21	0	0,049
7	6	5,072	7	4	5,64	7	7	5,727	22	0	0,033
8	4	3,192	8	4	3,389	8	3	4,353	23	0	0,023
9	0	1,967	9	2	1,901	9	4	3,247	24	0	0,016
10	0	1,191	10	1	1,008	10	3	2,386	25	0	0,011
11	0	0,712	11	1	0,965	11	1	1,732	26	1	0,022
12	0	0,42				12	2	1,245			
13	2	0,58				13	0	0,888			

14 1 0,628
15 0 0,442

Input data: HlapecK13_3er.dat
Distribution: Negative binomial (k,p)
Sample size: 119
Best method is
Method 1 of 3
Parameters:
k = 3,21924341466959
p = 0,450467162218745
DF = 11
X² = 3,6513 P(X²) = 0,9790

X[i]	F[i]	NP[i]	X[i]	F[i]
1	10	9,133	16	0
2	16	16,16	17	1
3	16	18,73		
4	23	17,91		
5	14	15,3		
6	12	12,14		
7	10	9,139		
8	5	6,614		
9	5	4,643		
10	4	3,181		
11	1	2,136		
12	1	1,411		
13	0	0,918		
14	1	0,591		
15	0	0,376		

Input data: HlapecK14_3er.dat*
Distribution: Negative binomial (k,p)
Sample size: 53
Best method is
Method 2 of 3
Parameters:
k = 4,80388485162253
p = 0,483551872595841
DF = 10
X² = 13,6496 P(X²) = 0,1896

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	3	1,616	16	0	0,237
2	0	4,009	17	0	0,387
3	5	6,008	18		
4	8	7,037	19		
5	9	7,09	20		
6	11	6,447	21		
7	4	5,441	22		
8	4	4,337	23		
9	2	3,305	24		
10	0	2,428			
11	3	1,731			
12	0	1,203			
13	2	0,818			
14	1	0,546			
15	0	0,359			

Input data: HlapecK15_3er.dat#
Distribution: Negative binomial (k,p)
Sample size: 98
Best method is
Method 1 of 3
Parameters:
k = 5,14791801955749
p = 0,554642972815798
DF = 9
X² = 5,1891 P(X²) = 0,8175

X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	0	0,232	1	6	4,714
2	0	0,149	2	13	10,81
3	0	0,094	3	12	14,8
4	0	0,059	4	17	15,7
5	0	0,036	5	13	14,24
6	0	0,022	6	7	11,61
7	0	0,014	7	11	8,742
8	0	0,008	8	7	6,201
9	1	0,012	9	6	4,193
10			10	2	2,728
11			11	2	1,719
12			12	2	2,544

Input data: HlapecK16_3er.dat
Distribution: Negative binomial (k,p)
Sample size: 77
Best method is
Method 1 of 3
Parameters:
k = 3,754000938338
p = 0,478909582823242
DF = 9
X² = 13,9090 P(X²) = 0,1256

X[i]	F[i]	NP[i]
1	2	4,855
2	5	9,497
3	11	11,76
4	17	11,76
5	12	10,34
6	12	8,359
7	5	6,355
8	4	4,615
9	0	3,232
10	2	2,2
11	1	1,462
12	3	0,953
13	2	0,61

Input data: HlapecK17_3er.dat*
Distribution: Negative binomial (k,p)
Sample size: 87
Best method is
Method 1 of 3
Parameters:
k = 11,4584132433212
p = 0,741718970371273
DF = 8
X² = 8,3466 P(X²) = 0,4004

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
16	0	0,148	1	5	2,836
17	0	0,091	2	6	8,392
18	0	0,055	3	11	13,5
19	0	0,033	4	21	15,65
20	0	0,02	5	14	14,61
21	0	0,012	6	7	11,66
22	1	0,017	7	10	8,263
			8	5	5,323
			9	4	3,172
			10	3	1,771
			11	1	1,826

14 0 0,385
15 0 0,24

Input data: Hlapeck18_3er.dat
Distribution: Negative binomial (k,p)
Sample size: 21
Best method is
Method 3 of 3
Parameters:
k = 4,69613852412938
p = 0,530505825477917
DF =6
X² = 9,1867 P(X²) = 0,1633

X[i]	F[i]	NP[i]
1	2	1,07
2	3	2,359
3	1	3,154
4	3	3,305
5	2	2,986
6	6	2,438
7	1	1,85
8	0	1,327
9	1	0,911
10	0	0,603
11	1	0,388
12	0	0,243
13	1	0,366

Input data: Valpet_3er.dat*
Distribution: Negative binomial (k,p)
Sample size: 561
Best method is
Method 1 of 3
Parameters:
k = 2,63691819810471
p = 0,394224390202415
DF =15
X² = 46,0195 P(X²) = 0,0001

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	21	48,19	16	3	1,718
2	86	76,98	17	2	1,147
3	96	84,8	18	0	0,762
4	110	79,4	19	1	0,504
5	65	67,78	20	0	0,331
6	51	54,5	21	2	0,62
7	34	42,02			
8	22	31,41			
9	20	22,92			
10	14	16,41			
11	12	11,57			
12	14	8,051			
13	2	5,542			
14	2	3,78			
15	4	2,558			

Input data: Pokljuk_3er.dat
Distribution: Negative binomial (k,p)
Sample size: 169
Best method is
Method 1 of 3
Parameters:
k = 3,28130583791814
p = 0,378570386359769
DF =15
X² = 12,2360 P(X²) = 0,6611

X[i]	F[i]	NP[i]
1	4	6,977
2	14	14,23
3	24	18,92
4	18	20,7
5	15	20,2
6	21	18,28
7	18	15,68
8	12	12,92
9	9	10,32
10	10	8,038
11	9	6,135
12	5	4,603
13	0	3,404

Input data: Krpan_3er.dat*
Distribution: Negative binomial (k,p)
Sample size: 371
Best method is
Method 1 of 3
Parameters:
k = 1,79653078768955
p = 0,284829256977989
DF =1
X² = 3,7382 P(X²) = 0,0532

X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	17	38,86	16	0	2,477
2	55	49,93	17	1	1,86
3	73	49,93	18	1	1,392
4	54	45,19	19	0	1,04
5	39	38,75	20	1	0,775
6	22	32,13	21	0	0,576
7	21	26,03	22	0	0,428
8	22	20,73	23	1	0,317
9	15	16,3	24	0	0,235
10	12	12,69	25	0	0,173
11	18	9,8	26	0	0,128
12	9	7,517	27	0	0,094
13	1	5,732	28	0	0,069

14 4 2,487
15 1 1,797

14 4 4,351 29 0 0,051
15 4 3,289 30 0 0,038

Input data:
Mackova_4er.dat
Distribution: Negative binomial
(k,p)
Sample size: 109
Best method is
Method 1 of 3
Parameters:
k = 2,36346911067824
p = 0,444046243079417
DF =8
X² = 4,4484 P(X²) = 0,8146

Input data:
Ponkrcev_4er.dat*
Distribution: Negative binomial
(k,p)
Sample size: 165
Best method is
Method 1 of 3
Parameters:
k = 4,43375113799847
p = 0,613517409033194
DF =8
X² = 12,4449 P(X²) = 0,1324

Input data:
PonkrcevK1_4er.dat#
Distribution: Negative binomial
(k,p)
Sample size: 68
Best method is
Method 2 of 3
Parameters:
k = 5,9435453240863
p = 0,677451425830701
DF =6
X² = 6,3648 P(X²) = 0,3836

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	15	16	16	1	0,22	1	14	18,91	1	7	6,719
2	21	21,02				2	41	32,41	2	16	12,88
3	16	19,66				3	38	34,03	3	13	14,42
4	20	15,9				4	26	28,21	4	8	12,32
5	12	11,85				5	14	20,26	5	10	8,885
6	10	8,384				6	16	13,21	6	9	5,699
7	6	5,72				7	7	8,025	7	3	3,353
8	5	3,8				8	1	4,623	8	0	1,845
9	1	2,473				9	5	2,554	9	1	0,963
10	0	1,583				10	2	1,364	10	1	0,91
11	1	1				11	1	1,412			
12	0	0,625									
13	0	0,387									
14	0	0,238									
15	1	0,145									

Input data: PonkrcevK2_4er.dat
Distribution: Negative binomial (k,p)
Sample size: 38
Best method is
Method 3 of 3
Parameters:
k = 5,06922666666667
p = 0,635353166029583
DF =6
X² = 9,4075 P(X²) = 0,1519

X[i]	F[i]	NP[i]
1	1	3,8126
2	9	7,0475
3	12	7,7985
4	7	6,7009
5	1	4,9292
6	2	3,2603
7	3	1,9951
8	1	1,1504
9	2	1,3053

Input data: PonkrcevK3_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 59
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,89792345149548
 p = 0,524316808581001
 DF =6
 $X^2 = 6,1462$ $P(X^2) = 0,4070$

X[i]	F[i]	NP[i]	X[i]*
1	6	9,084	1
2	16	12,52	2
3	13	11,61	3
4	11	9,016	4
5	3	6,323	5
6	5	4,15	6
7	1	2,598	7
8	0	1,571	8
9	2	0,925	9
10	1	0,533	10
11	1	0,671	11
			12
			13
			14
			15

Input data: Hlapec_4er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 1383
 Best method is
 Method 1 of 3
 min. size: 20
 k = 3,20967213159776
 p = 0,547384833474289
 DF =7
 $X^2 = 22,8633$ $P(X^2) = 0,0018$
 C = 0,0165

F[i]	NP[i]	X[i]	F[i]
184	199,9	16	0
244	290,4	17	2
314	276,7	18	1
250	217,5	19	0
167	152,8	20	1
88	99,72	21	0
59	61,76	22	0
31	36,78	23	0
23	21,24	24	0
12	11,98	25	1
4	6,618		
0	3,597		
2	1,928		
0	1,021		
0	0,535		

Input data: HlapecK1_4er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 43
 Best method is
 Method 3 of 3
 Parameters:
 k = 4,60993700473522
 p = 0,619405303691595
 DF =6
 $X^2 = 12,4613$ $P(X^2) = 0,0524$

NP[i]	X[i]#	F[i]	NP[i]
0,278	1	2	4,726
0,143	2	8	8,292
0,073	3	11	8,852
0,037	4	14	7,423
0,019	5	1	5,375
0,009	6	3	3,523
0,005	7	1	2,147
0,002	8	1	1,239
0,001	9	0	0,684
0,001	10	1	0,365
	11	1	0,376

Input data: HlapecK2_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 82
 Best method is
 Method 1 of 3
 k = 3,08775535532409
 p = 0,566255689162599
 DF =6
 $X^2 = 4,2512$ $P(X^2) = 0,6427$

X[i]	F[i]	NP[i]	X[i]*
1	17	14,16	1
2	16	18,97	2
3	15	16,82	3
4	17	12,37	4
5	6	8,166	5
6	4	5,021	6
7	4	2,936	7
8	1	1,653	8
9	1	0,904	9
10	1	1	10
			11
			12
			13

Input data: HlapecK3_4er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 85
 Best method is
 Method 2 of 3
 k = 3,16295648094688
 p = 0,566865196611793
 DF =6
 $X^2 = 4,8914$ $P(X^2) = 0,5578$

F[i]	NP[i]	X[i]#	F[i]
14	14,12	1	10
17	19,34	2	15
16	17,43	3	11
19	13	4	7
10	8,673	5	5
3	5,381	6	0
2	3,171	7	2
1	1,798	8	4
2	0,989	9	1
0	0,532	10	0
0	0,28	11	0
0	0,145	12	0
1	0,149	13	0

Input data: HlapecK4_4er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 57
 Best method is
 Method 1 of 3
 k = 1,33876077219247
 p = 0,373231445700203
 DF =6
 $X^2 = 9,5007$ $P(X^2) = 0,1473$

NP[i]	X[i]	F[i]	NP[i]
15,24	16	0	0,039
12,78	17	1	0,025
9,37	18	0	0,016
6,536	19	0	0,01
4,443	20	0	0,007
2,974	21	0	0,004
1,969	22	0	0,003
1,294	23	0	0,002
0,845	24	0	0,001
0,55	25	1	0,002

14 0 0,095
 15 0 0,061
 Input data: HlapecK5_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 80
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,31790513140491
 p = 0,554719727545732
 DF =5

$X^2 = 1,9811$ $P(X^2) = 0,8517$

X[i]	F[i]	NP[i]
1	22	20,41
2	16	21,07
3	18	15,56
4	10	9,974
5	7	5,904
6	3	3,322
7	2	1,804
8	0	0,955
9	1	0,495
10	1	0,505

Input data: HlapecK6_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 75
 Best method is
 Method 1 of 3
 Parameters:
 k = 3,6904357179594
 p = 0,600284331026133
 DF =6

$X^2 = 7,3124$ $P(X^2) = 0,2929$

X[i]	F[i]	NP[i]
1	9	11,41
2	20	16,82
3	20	15,77
4	12	11,96
5	4	7,994
6	2	4,915
7	3	2,846
8	3	1,575
9	2	1,713

Input data: HlapecK7_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 71
 Best method is
 Method 2 of 3
 Parameters:
 k = 4,87423280029081
 p = 0,639280015123725
 DF =6

$X^2 = 2,8177$ $P(X^2) = 0,8314$

X[i]	F[i]	NP[i]
1	5	8,02
2	14	14,1
3	19	14,94
4	11	12,35
5	9	8,768
6	6	5,614
7	4	3,333
8	0	1,867
9	2	1
10	0	0,516
11	1	0,496

Input data: HlapecK8_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 107
 Best method is
 Method 1 of 3
 Parameters:
 k = 7,27230044711578
 p = 0,718211203915597
 DF =7

$X^2 = 5,8510$ $P(X^2) = 0,5572$

X[i]	F[i]	NP[i]
1	12	9,638
2	17	19,75
3	23	23,02
4	22	20,05
5	12	14,51
6	13	9,217
7	2	5,313
8	4	2,838
9	1	1,427
10	0	0,682
11	1	0,552

Input data: HlapecK9_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 60
 Best method is
 Method 1 of 3
 min. size: 5
 k = 70,445506927281
 p = 0,959770271046861
 DF =2

$X^2 = 4,9353$ $P(X^2) = 0,0848$

X[i]	F[i]	NP[i]
1	0	3,326
2	8	9,426
3	18	13,55
4	10	13,16
5	10	9,721
6	3	5,823
7	10	2,945
8	0	1,294
9	1	0,76

Input data: HlapecK10_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 113
 Best method is
 Method 1 of 3
 min. size: 9
 k = 2,91974249989121
 p = 0,612785351019728
 DF =2

$X^2 = 5,6414$ $P(X^2) = 0,0596$

X[i]	F[i]	NP[i]
1	32	27,04
2	20	30,58
3	23	23,2
4	17	14,73
5	15	8,443
6	4	4,525
7	0	2,313
8	0	1,141
9	0	0,548
10	2	0,474

Input data:
 HlapecK11_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 75
 Best method is
 Method 1 of 3
 Parameters:
 k = 12,626723223754
 p = 0,833627381792519
 DF =5
 X² = 3,3088 P(X²) = 0,6525

X[i]	F[i]	NP[i]	X[i]*
1	10	7,537	1
2	13	15,83	2
3	15	17,95	3
4	17	14,56	4
5	12	9,463	5
6	4	5,235	6
7	2	2,559	7
8	1	1,133	8
9	1	0,734	9
			10
			11
			12
			13
			14
			15

Input data:
 HlapecK12_4er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 80
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,32143575267374
 p = 0,440777221899187
 DF =8
 X² = 5,6356 P(X²) = 0,6880

F[i]	NP[i]	X[i]	F[i]
10	11,94	16	0
10	15,51	17	0
20	14,4	18	0
12	11,6	19	0
9	8,631	20	1
7	6,102		
4	4,164		
4	2,768		
2	1,804		
0	1,157		
1	0,732		
0	0,459		
0	0,285		
0	0,176		
0	0,107		

Input data:
 HlapecK13_4er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 119
 Best method is
 Method 3 of 3
 Parameters:
 k = 3,73101291776605
 p = 0,581764152131507
 DF =7
 X² = 1,2134 P(X²) = 0,9906

NP[i]	X[i]#	F[i]	NP[i]
0,065	1	17	15,77
0,04	2	23	24,61
0,024	3	25	24,34
0,014	4	18	19,45
0,021	5	15	13,69
	6	8	8,853
	7	7	5,388
	8	3	3,133
	9	1	1,757
	10	1	0,958
	11	0	0,51
	12	0	0,266
	13	1	0,274

Input data: HlapecK14_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 53
 Best method is
 Method 1 of 3
 Parameters:
 k = 4,21444107433384
 p = 0,543881394779759
 DF =7
 X² = 9,8527 P(X²) = 0,1971

X[i]	F[i]	NP[i]	X[i]	F[i]
1	3	4,07	16	0
2	2	7,823	17	0
3	11	9,304	18	1
4	13	8,79		
5	10	7,232		
6	5	5,419		
7	2	3,796		
8	2	2,526		
9	1	1,615		
10	3	1		
11	0	0,603		
12	0	0,355		
13	0	0,205		

Input data: HlapecK15_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 98
 Best method is
 Method 1 of 3
 Parameters:
 k = 8,68701395882434
 p = 0,744506093751868
 DF =6
 X² = 2,7432 P(X²) = 0,8403

NP[i]	X[i]	F[i]	NP[i]	X[i]
0,036	1	8	7,553	1
0,02	2	19	16,76	2
0,023	3	21	20,75	3
	4	14	18,88	4
	5	13	14,1	5
	6	11	9,138	6
	7	7	5,326	7
	8	3	2,855	8
	9	2	2,64	9
				10
				11
				12
				13

Input data: HlapecK16_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 77
 Best method is
 Method 2 of 3
 Parameters:
 k = 6,60246964874875
 p = 0,665244243065493
 DF =7
 X² = 12,1969 P(X²) = 0,0943

F[i]	NP[i]	X[i]	F[i]	NP[i]
3	5,221	16	0	0,013
13	11,54	17	1	0,011
19	14,68			
14	14,09			
15	11,33			
4	8,04			
0	5,205			
3	3,137			
3	1,785			
2	0,97			
0	0,507			
0	0,256			
0	0,126			

14 0 0,117
 15 0 0,066
 Input data: HlapecK17_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 87
 Best method is
 Method 1 of 3
 Parameters:
 k = 35,902167901182
 p = 0,926991435274658
 DF =5
 X² = 6,3769 P(X²) = 0,2712

X[i]	F[i]	NP[i]	X[i]
1	7	5,721	1
2	10	15	2
3	26	20,2	3
4	19	18,63	4
5	9	13,23	5
6	8	7,708	6
7	6	3,837	7
8	1	1,677	8
9	1	0,999	9
			10

Input data: HlapecK18_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 21
 Best method is
 Method 3 of 3
 Parameters:
 k = 4,49797661870504
 p = 0,591267475996704
 DF =5
 X² = 4,7712 P(X²) = 0,4444

X[i]	F[i]	NP[i]	X[i]
1	44	75,52	16
2	131	109,4	
3	138	106,5	
4	82	86,81	
5	53	63,89	
6	37	43,98	
7	24	28,88	
8	18	18,31	
9	18	11,3	
10	2	6,826	
11	6	4,05	
12	3	2,368	
13	2	1,368	
14	1	0,782	
15	0	0,443	

Input data: Valpet_4er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 561
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,9067592121744
 p = 0,501645424908569
 DF =11
 X² = 40,4088 P(X²) = 0,0000

X[i]	F[i]	NP[i]	X[i]
1	44	75,52	16
2	131	109,4	
3	138	106,5	
4	82	86,81	
5	53	63,89	
6	37	43,98	
7	24	28,88	
8	18	18,31	
9	18	11,3	
10	2	6,826	
11	6	4,05	
12	3	2,368	
13	2	1,368	
14	1	0,782	
15	0	0,443	

Input data: Pokljuk_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 169
 Best method is
 Method 1 of 3
 Parameters:
 k = 3,43712716664507
 p = 0,455869853867032
 DF =11
 X² = 10,0129 P(X²) = 0,5292

X[i]	F[i]	NP[i]	X[i]
1	7	11,36	16
2	24	21,24	17
3	29	25,64	18
4	23	25,29	
5	24	22,14	
6	19	17,92	
7	10	13,71	
8	13	10,06	
9	10	7,141	
10	1	4,938	
11	4	3,342	
12	1	2,221	
13	0	1,454	
14	2	0,94	
15	0	0,6	

Input data: Krpan_4er.dat
 Distribution: Negative binomial (k,p)
 Sample size: 371
 Best method is
 Method 1 of 3
 min. size: 60
 k = 1,96902751557722
 p = 0,383997485922311
 DF =1
 X² = 3,6064 P(X²) = 0,0576

X[i]	F[i]	NP[i]	X[i]
1	39	56,35	16
2	76	68,35	17
3	84	62,5	18
4	44	50,94	19
5	32	38,98	20
6	28	28,67	21
7	22	20,51	22
8	18	14,38	23
9	14	9,933	24
10	2	6,778	25
11	6	4,58	26
12	1	3,07	27
13	1	2,044	
14	1	1,353	
15	1	0,891	

Input data: Mackova_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 109
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,53994091949693
 p = 0,523492954253297
 DF =7

$X^2 = 3,5729$ $P(X^2) = 0,8274$

X[i]	F[i]	NP[i]
1	20	21,06
2	22	25,49
3	26	21,5
4	16	15,5
5	13	10,23
6	5	6,377
7	3	3,818
8	1	2,22
9	1	1,261
10	0	0,704
11	0	0,387
12	1	0,21
13	1	0,24

Input data: Ponkrcev_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 165
 Best method is
 Method 1 of 3
 Parameters:
 k = 5,23229447543281
 p = 0,715840083297441
 DF =6

$X^2 = 7,2979$ $P(X^2) = 0,2942$

X[i]	F[i]	NP[i]
1	25	28,7
2	52	42,67
3	37	37,78
4	19	25,88
5	18	15,14
6	5	7,942
7	6	3,849
8	2	1,755
9	1	1,292

Input data: PonkrcevK1_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 68
 Best method is
 Method 1 of 3
 Parameters:
 k = 6,85696251821149
 p = 0,768923676938103
 DF =4

$X^2 = 4,2008$ $P(X^2) = 0,3795$

X[i]	F[i]	NP[i]
1	12	11,22
2	20	17,78
3	12	16,14
4	10	11,01
5	10	6,27
6	2	3,146
7	1	1,437
8	1	0,999

Input data:
 PonkrecevK2_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 38
 Best method is
 Method 2 of 3
 Parameters:
 k = 6,30255065639269
 p = 0,738984375
 DF =4

$X^2 = 8,1029$ $P(X^2) = 0,0879$

X[i]	F[i]	NP[i]	X[i]*
1	3	5,647	1
2	14	9,29	2
3	11	8,854	3
4	2	6,396	4
5	3	3,883	5
6	2	2,088	6
7	3	1,842	7

Input data:
 PonkrcevK3_5er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 59
 Best method is
 Method 1 of 3
 Parameters:
 k = 3,48149614317463
 p = 0,627580408396455
 DF =5

$X^2 = 2,8150$ $P(X^2) = 0,7285$

F[i]	NP[i]	X[i]#	F[i]
10	11,65	1	253
18	15,11	2	343
14	12,61	3	342
7	8,58	4	221
5	5,178	5	111
1	2,885	6	53
2	1,519	7	33
1	0,766	8	16
1	0,702	9	4
		10	1

Input data:
 Hlapec_5er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 1383
 Best method is
 Method 1 of 3
 min. size:10
 k = 3,51049216772258
 p = 0,635263934989999
 DF =6

$X^2 = 16,6834$ $P(X^2) = 0,0105$

NP[i]	X[i]	F[i]	NP[i]
281,3	11	1	1,688
360,1	12	0	0,756
296,2	13	1	0,334
198,5	14	1	0,145
117,8	15	1	0,062
64,55	16	1	0,027
33,39	17	0	0,011
16,55	18	0	0,005
7,93	19	0	0,002
3,699	20	1	0,001

Input data: HlapecK1_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 43
 Best method is
 Method 1 of 3
 min. size: 7
 k = 7,62453787249734
 p = 0,788135228317099
 DF =1
 X² = 3,5199 P(X²) = 0,0606

X[i]	F[i]	NP[i]
1	2	7
2	15	11,31
3	15	10,33
4	4	7,022
5	3	3,952
6	1	1,946
7	1	0,868
8	1	0,358
9	1	0,217

Input data: HlapecK2_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 82
 Best method is
 Method 1 of 3
 Parameters:
 k = 3,84539586555272
 p = 0,686318441908027
 DF =4
 X² = 0,5210 P(X²) = 0,9714

X[i]	F[i]	NP[i]
1	20	19,28
2	23	23,26
3	17	17,68
4	11	10,8
5	6	5,8
6	2	2,855
7	2	1,32
8	1	1

Input data: HlapecK3_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 85
 Best method is
 Method 1 of 3
 Parameters:
 k = 3,45934614190308
 p = 0,647829468522632
 DF =5
 X² = 10,1178 P(X²) = 0,0720

X[i]	F[i]	NP[i]
1	22	18,93
2	15	23,06
3	24	18,11
4	15	11,61
5	4	6,601
6	1	3,468
7	3	1,722
8	0	0,82
9	0	0,377
10	1	0,299

Input data: HlapecK4_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 57
 Best method is
 Method 1 of 3
 min. size: 5
 k = 1,1688245098455
 p = 0,422457152722263
 DF =2
 X² = 4,1904 P(X²) = 0,1230

X[i]	F[i]	NP[i]
1	14	20,82
2	19	14,05
3	9	8,802
4	6	5,37
5	0	3,232
6	6	1,93
7	1	1,146
8	0	0,678
9	0	0,4
10	0	0,235

Input data: HlapecK5_5er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 80
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,30167904059535
 p = 0,606883901122787
 DF =4
 X² = 3,8573 P(X²) = 0,4257

X[i]	F[i]	NP[i]
1	0	0,138
2	0	0,081
3	1	0,047
4	0	0,028
5	0	0,016
6	0	0,01
7	0	0,006
8	0	0,003
9	0	0,002
10	1	0,003

Input data: HlapecK6_5er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 75
 Best method is
 Method 1 of 3
 Parameters:
 k = 4,09727263504769
 p = 0,695297098610538
 DF =4
 X² = 8,6625 P(X²) = 0,0701

X[i]	F[i]	NP[i]
1	13	16,92
2	29	21,12
3	18	16,4
4	5	10,16
5	3	5,492
6	4	2,71
7	2	1,252
8	1	0,94

Input data: HlapecK7_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 71
 Best method is
 Method 3 of 3
 Parameters:
 k = 6,9128154853465
 p = 0,767319193069449
 DF =5
 X² = 1,0317 P(X²) = 0,9600

X[i]	F[i]	NP[i]
1	11	11,38
2	19	18,3
3	17	16,85
4	11	11,65
5	8	6,717
6	2	3,411
7	2	1,576
8	0	0,676
9	1	0,44

Input data: HlapecK8_5er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 107
 Best method is
 Method 3 of 3
 Parameters:
 k = 11,4431013138789
 p = 0,838550762849953
 DF =5
 X² = 4,8737 P(X²) = 0,4315

X[i]*	F[i]	NP[i]
1	14	14,27
2	28	26,36
3	28	26,48
4	16	19,15
5	14	11,17
6	2	5,568
7	4	2,464
8	0	0,991
9	1	0,559

Input data: HlapecK9_5er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 60
 Best method is
 Method 2 of 3
 min. size: 5
 k = 22,5396052859425
 p = 0,89561345507056
 DF =2
 X² = 1,4136 P(X²) = 0,4932

X[i]#	F[i]	NP[i]
1	1	5
2	17	11,76
3	13	14,45
4	15	12,34
5	8	8,226
6	5	4,558
7	1	3,658

Input data:
 HlapecK10_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 113
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,92834398747821
 p = 0,673203552147174
 DF =4
 X² = 9,7164 P(X²) = 0,0455

X[i]	F[i]	NP[i]	X[i]*
1	41	35,47	1
2	24	33,94	2
3	25	21,79	3
4	17	11,7	4
5	4	5,665	5
6	0	2,565	6
7	0	1,108	7
8	2	0,77	

Input data:
 HlapecK11_5er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 75
 Best method is
 Method 1 of 3
 Parameters:
 k = 56,4661214828489
 p = 0,968216382303545
 DF =3
 X² = 5,5670 P(X²) = 0,1347

X[i]#	F[i]	NP[i]	X[i]
1	13	17,06	11
2	19	18,95	12
3	18	15,3	13
4	11	10,8	14
5	9	7,085	15
6	5	4,431	16
7	2	2,682	
8	1	1,585	
9	1	0,919	
10	0	0,525	

Input data:
 HlapecK12_5er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 80
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,20187352187623
 p = 0,495724749538424
 DF =6
 X² = 2,3463 P(X²) = 0,8853

X[i]	F[i]	NP[i]
11	0	0,297
12	0	0,166
13	0	0,092
14	0	0,051
15	0	0,028
16	1	0,033

Input data:
 HlapecK13_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 119
 Best method is
 Method 2 of 3
 Parameters:
 k = 4,91878692514342
 p = 0,706473428323104
 DF =5
 $X^2 = 1,0531$ $P(X^2) = 0,9582$

X[i]	F[i]	NP[i]	X[i]*
1	23	21,54	1
2	27	31,1	2
3	29	27,02	3
4	19	18,29	4
5	11	10,63	5
6	6	5,565	6
7	2	2,7	7
8	1	1,236	8
9	0	0,541	9
10	0	0,228	10
11	1	0,153	

Input data:
 HlapecK14_5er.dat*
 Distribution: Negative binomial
 (k,p)
 Sample size: 53
 Best method is
 Method 1 of 3
 Parameters:
 k = 4,37744367732558
 p = 0,600062804506699
 DF =6
 $X^2 = 8,4370$ $P(X^2) = 0,2078$

F[i]	NP[i]	X[i]	F[i]
3	5,667	11	0
7	9,921	12	0
15	10,67	13	0
14	9,07	14	0
5	6,69	15	1
2	4,483		
3	2,802		
3	1,662		
0	0,945		
0	0,52		

Input data:
 HlapecK15_5er.dat#
 Distribution: Negative binomial
 (k,p)
 Sample size: 98
 Best method is
 Method 1 of 3
 Parameters:
 k = 9,11220466261644
 p = 0,801868068681857
 DF =5
 $X^2 = 2,0861$ $P(X^2) = 0,8371$

NP[i]	X[i]#	F[i]	NP[i]
0,278	1	15	13,1
0,145	2	23	23,66
0,075	3	23	23,7
0,038	4	14	17,39
0,036	5	13	10,44
	6	6	5,422
	7	3	2,527
	8	1	1,763

Input data: HlapecK16_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 77
 Best method is
 Method 1 of 3
 min. size: 11
 k = 4,39745707842584
 p = 0,641223711881729
 DF =1
 $X^2 = 3,3774$ $P(X^2) = 0,0661$

X[i]	F[i]	NP[i]
1	4	10,91
2	20	17,21
3	23	16,67
4	17	12,75
5	4	8,46
6	2	5,098
7	3	2,865
8	3	1,527
9	0	0,78
10	0	0,386
11	0	0,185
12	0	0,087
13	0	0,04
14	1	0,033

Input data: HlapecK17_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 87
 Best method is
 Method 3 of 3
 Parameters:
 k = 203,224768984762
 p = 0,989509096380973
 DF =4
 $X^2 = 1,7038$ $P(X^2) = 0,7900$

X[i]	F[i]	NP[i]
1	9	10,2
2	23	21,75
3	25	23,3
4	14	16,72
5	10	9,045
6	5	3,933
7	1	2,044

Input data: HlapecK18_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 21
 Best method is
 Method 3 of 3
 Parameters:
 k = 7,14447341755012
 p = 0,760667106470546
 DF =3
 $X^2 = 5,2241$ $P(X^2) = 0,1561$

X[i]	F[i]	NP[i]
1	4	2,975
2	3	5,086
3	4	4,957
4	7	3,616
5	1	2,195
6	0	1,171
7	1	0,567
8	1	0,433

Input data: Valpet_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 561
 Best method is
 Method 1 of 3
 Parameters:
 k = 3,1420014224857
 p = 0,580319735079034
 DF =9
 $X^2 = 25,7665$ $P(X^2) = 0,0022$

Input data: Pokljuk_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 169
 Best method is
 Method 1 of 3
 Parameters:
 k = 4,29783431170127
 p = 0,573166306165389
 DF =9
 $X^2 = 11,6062$ $P(X^2) = 0,2364$

Input data: Krpan_5er.dat
 Distribution: Negative binomial
 (k,p)
 Sample size: 371
 Best method is
 Method 1 of 3
 Parameters:
 k = 2,02084180712156
 p = 0,456156800125301
 DF =10
 $X^2 = 31,4614$ $P(X^2) = 0,0005$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	81	101,5	1	10	15,45	1	54	75,94	16	0	0,138
2	151	133,8	2	37	28,35	2	108	83,46	17	0	0,08
3	146	116,3	3	28	32,05	3	76	68,56	18	0	0,046
4	70	83,67	4	32	28,72	4	37	49,97	19	0	0,026
5	48	53,92	5	19	22,37	5	35	34,11	20	0	0,015
6	23	32,32	6	19	15,84	6	20	22,34	21	0	0,009
7	23	18,41	7	13	10,48	7	25	14,22	22	1	0,011
8	5	10,09	8	2	6,58	8	4	8,859			
9	6	5,368	9	4	3,966	9	7	5,433			
10	4	2,789	10	1	2,313	10	1	3,29			
11	1	1,421	11	2	1,313	11	1	1,972			
12	1	0,713	12	0	0,729	12	1	1,172			
13	2	0,684	13	0	0,396	13	0	0,692			
			14	2	0,443	14	1	0,406			
						15	0	0,237			

Input data: Mackova_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 109
 Best method is
 Method 5 of 5
 Parameters:
 a = 117,158354243018
 b = 108,775820325711
 DF =30
 $X^2 = 33,4318$ $P(X^2) = 0,3041$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	3,474	41	0	0,109
2	0	3,742	42	1	0,086
3	3	3,994	43	0	0,067
4	9	4,224	44	0	0,052
5	5	4,427	45	0	0,04
6	6	4,599	46	0	0,031
7	7	4,736	47	0	0,024
8	3	4,834	48	0	0,018
9	5	4,892	49	0	0,013
10	1	4,908	50	0	0,01
11	6	4,882	51	0	0,007
12	4	4,816	52	0	0,006
13	5	4,711	53	0	0,004
14	2	4,57	54	0	0,003
15	9	4,396	55	0	0,002
16	4	4,195	56	0	0,002
17	3	3,971	57	1	0,001
18	5	3,729	58	0	0,00
19	1	3,473	59	0	0,00
20	3	3,21	60	0	0,00
21	1	2,943	61	1	0,00
22	4	2,677			
23	3	2,417			
24	2	2,165			
25	3	1,925			
26	0	1,699			
27	2	1,488			
28	1	1,293			
29	0	1,116			
30	2	0,956			
31	1	0,813			
32	2	0,686			
33	0	0,575			
34	0	0,479			
35	0	0,396			
36	1	0,325			
37	0	0,265			
38	0	0,214			
39	0	0,172			
40	0	0,137			

Input data: Ponkrcev_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 165
 Best method is
 Method 2 of 5
 Parameters:
 a = 143,628850949933
 b = 138,616575973039
 DF =32
 $X^2 = 45,5398$ $P(X^2) = 0,0570$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	7,02	41	0	0,167
2	1	7,273	42	1	0,626
3	3	7,482			
4	8	7,643			
5	11	7,751			
6	15	7,806			
7	10	7,807			
8	5	7,754			
9	11	7,648			
10	11	7,492			
11	7	7,29			
12	9	7,045			
13	6	6,763			
14	11	6,449			
15	4	6,109			
16	5	5,75			
17	5	5,376			
18	7	4,994			
19	1	4,609			
20	1	4,227			
21	3	3,852			
22	4	3,488			
23	6	3,138			
24	3	2,807			
25	2	2,494			
26	3	2,203			
27	1	1,934			
28	1	1,687			
29	0	1,463			
30	0	1,261			
31	1	1,081			
32	0	0,921			
33	4	0,78			
34	0	0,656			
35	1	0,549			
36	0	0,457			
37	0	0,378			
38	1	0,311			
39	0	0,254			
40	1	0,207			

Input data:
 PonkrcevK1_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 68
 Best method is
 Method 2 of 5
 Parameters:
 a = 107,293903310475
 b = 99,6747477481015
 DF =26
 $X^2 = 19,5708$ $P(X^2) = 0,8114$

Input data:
 PonkrcevK2_1er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 38
 Best method is
 Method 1 of 5
 Parameters:
 a = 87,9103121915357
 b = 79,7182876607413
 DF =21
 $X^2 = 28,4515$ $P(X^2) = 0,1278$

Input data:
 PonkrcevK3_1er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 59
 Best method is
 Method 2 of 5
 Parameters:
 a = 195,325153405672
 b = 195,662286434234
 DF =24
 $X^2 = 30,9400$ $P(X^2) = 0,1555$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	2,361	1	0	1,22	1	1	3,188	41	0	0,071
2	1	2,541	2	0	1,346	2	0	3,182	42	1	0,311
3	3	2,708	3	0	1,466	3	0	3,16			
4	2	2,858	4	1	1,577	4	5	3,123			
5	5	2,987	5	2	1,676	5	4	3,071			
6	4	3,091	6	4	1,76	6	7	3,004			
7	3	3,168	7	3	1,826	7	4	2,924			
8	4	3,217	8	0	1,873	8	1	2,832			
9	5	3,235	9	4	1,898	9	2	2,73			
10	4	3,224	10	3	1,903	10	4	2,618			
11	2	3,183	11	2	1,885	11	3	2,498			
12	2	3,114	12	3	1,847	12	4	2,373			
13	3	3,019	13	0	1,79	13	3	2,243			
14	3	2,9	14	5	1,716	14	3	2,109			
15	2	2,762	15	1	1,627	15	1	1,975			
16	0	2,607	16	1	1,526	16	4	1,84			
17	4	2,439	17	0	1,416	17	1	1,706			
18	5	2,262	18	0	1,301	18	2	1,574			
19	0	2,08	19	1	1,182	19	0	1,446			
20	1	1,897	20	0	1,064	20	0	1,322			
21	2	1,715	21	1	0,947	21	0	1,203			
22	2	1,538	22	1	0,835	22	1	1,089			
23	3	1,367	23	0	0,729	23	3	0,982			
24	2	1,206	24	0	0,63	24	1	0,881			
25	1	1,054	25	1	0,539	25	0	0,787			
26	2	0,915	26	1	0,457	26	0	0,7			
27	0	0,787	27	1	0,384	27	0	0,62			
28	0	0,672	28	0	0,319	28	1	0,546			
29	0	0,569	29	0	0,263	29	0	0,479			
30	0	0,478	30	0	0,214	30	0	0,418			
31	0	0,399	31	1	0,173	31	0	0,364			
32	0	0,33	32	0	0,139	32	0	0,315			
33	1	0,271	33	1	0,11	33	2	0,271			
34	0	0,221	34	0	0,087	34	0	0,233			
35	0	0,179	35	1	0,276	35	0	0,199			
36	0	0,143				36	0	0,169			
37	0	0,114				37	0	0,143			
38	0	0,09				38	1	0,121			
39	0	0,071				39	0	0,101			
40	1	0,228				40	0	0,085			

Input data: Hlapec_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 1383
 Best method is
 Method 1 of 5
 min. size: 160
 a = 85,8073281918253
 b = 77,301740297345
 DF =4
 X² = 4,7226 P(X²) = 0,3170 C = 0,0034

Input data: HlapecK1_1er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 43
 Best method is
 Method 1 of 5
 min. size: 2
 a = 93,7969851863222
 b = 83,7652007004311
 DF =10
 X² = 14,9408 P(X²) = 0,1342

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	24	42,41	41	3	0,455	81	0	0	1	0	1,083
2	43	47,08	42	0	0,333	82	0	0	2	2	1,213
3	57	51,59	43	1	0,242	83	0	0	3	0	1,342
4	60	55,82	44	0	0,174	84	0	0	4	0	1,468
5	69	59,65	45	0	0,124	85	0	0	5	0	1,587
6	56	62,96	46	0	0,088	86	0	0	6	3	1,696
7	64	65,64	47	0	0,062	87	0	0	7	1	1,792
8	55	67,61	48	0	0,043	88	0	0	8	4	1,873
9	71	68,82	49	0	0,03	89	0	0	9	2	1,935
10	97	69,23	50	1	0,02	90	0	0	10	5	1,978
11	64	68,83	51	1	0,014	91	0	0	11	0	2
12	82	67,65	52	0	0,009	92	0	0	12	4	2,001
13	72	65,74	53	0	0,006	93	0	0	13	4	1,98
14	59	63,17	54	0	0,004	94	0	0	14	6	1,94
15	65	60,03	55	0	0,003	95	0	0	15	1	1,88
16	54	56,41	56	0	0,002	96	0	0	16	3	1,804
17	38	52,44	57	0	0,001	97	1	0	17	0	1,713
18	61	48,23	58	0	0,00				18	0	1,611
19	36	43,89	59	0	0,00				19	0	1,499
20	32	39,52	60	0	0,00				20	1	1,382
21	26	35,21	61	0	0,00				21	2	1,261
22	28	31,05	62	0	0,00				22	0	1,14
23	18	27,1	63	0	0,00				23	0	1,021
24	16	23,42	64	0	0				24	1	0,905
25	23	20,04	65	1	0				25	0	0,795
26	13	16,97	66	1	0				26	0	0,692
27	15	14,23	67	0	0				27	1	0,597
28	8	11,82	68	0	0				28	0	0,51
29	9	9,728	69	0	0				29	0	0,432
30	8	7,927	70	0	0				30	0	0,363
31	8	6,399	71	0	0				31	0	0,302
32	6	5,117	72	1	0				32	1	0,249
33	4	4,054	73	0	0				33	0	0,203
34	4	3,183	74	0	0				34	0	0,165
35	11	2,476	75	0	0				35	0	0,132
36	4	1,909	76	0	0				36	0	0,105
37	2	1,458	77	0	0				37	0	0,083
38	2	1,105	78	1	0				38	0	0,065
39	4	0,829	79	0	0				39	0	0,051
40	4	0,617	80	0	0				40	1	0,039
									41	1	0,116

Input data: HlapeckK2_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 82
 Best method is
 Method 2 of 5
 Parameters:
 a = 137,744162679744
 b = 135,566654976761
 DF =25
 $X^2 = 16,5047$ $P(X^2) = 0,8990$

Input data: HlapeckK3_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 85
 Best method is
 Method 5 of 5
 Parameters:
 a = 81,2519279754172
 b = 72,7534467916486
 DF =25
 $X^2 = 28,4497$ $P(X^2) = 0,2876$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	4,394	1	2	2,586	41	0	0,022
2	2	4,465	2	3	2,888	42	0	0,016
3	5	4,503	3	2	3,181	43	0	0,011
4	8	4,509	4	7	3,458	44	0	0,008
5	3	4,483	5	8	3,709	45	0	0,006
6	4	4,424	6	5	3,926	46	0	0,004
7	3	4,335	7	1	4,103	47	0	0,003
8	6	4,218	8	3	4,233	48	0	0,002
9	4	4,075	9	3	4,313	49	0	0,001
10	6	3,91	10	3	4,339	50	1	0,003
11	2	3,726	11	3	4,313			
12	3	3,525	12	7	4,234			
13	4	3,313	13	5	4,108			
14	5	3,093	14	5	3,938			
15	3	2,867	15	4	3,731			
16	5	2,641	16	5	3,495			
17	0	2,416	17	4	3,236			
18	2	2,196	18	5	2,962			
19	2	1,982	19	0	2,682			
20	2	1,778	20	1	2,401			
21	1	1,584	21	1	2,126			
22	1	1,403	22	1	1,863			
23	1	1,234	23	1	1,614			
24	1	1,079	24	0	1,384			
25	2	0,937	25	1	1,175			
26	0	0,809	26	1	0,986			
27	1	0,694	27	0	0,82			
28	1	0,592	28	0	0,675			
29	0	0,501	29	0	0,549			
30	0	0,422	30	0	0,443			
31	1	0,353	31	1	0,354			
32	0	0,294	32	0	0,28			
33	0	0,243	33	0	0,219			
34	0	0,2	34	0	0,17			
35	1	0,163	35	2	0,131			
36	0	0,133	36	0	0,099			
37	0	0,107	37	0	0,075			
38	0	0,086	38	0	0,056			
39	0	0,069	39	0	0,041			
40	1	0,242	40	0	0,03			

Input data: Hlapeck4_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 57
 Best method is
 Method 5 of 5
 Parameters:

a = 377,216669657077
 b = 393,296748845591
 DF =24
 $X^2 = 37,4166$ $P(X^2) = 0,0397$

Input data: Hlapeck5_1er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 80
 Best method is
 Method 2 of 5
 Parameters:

a = 151,19692067868
 b = 155,086179414773
 DF =22
 $X^2 = 27,4596$ $P(X^2) = 0,1943$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	0	3,784	41	0	0,105	81	0	0,00	1	1	5,983
2	0	3,629	42	0	0,091	82	0	0,00	2	7	5,833
3	5	3,472	43	0	0,079	83	0	0	3	10	5,65
4	5	3,313	44	0	0,068	84	0	0	4	4	5,439
5	4	3,154	45	0	0,059	85	0	0	5	7	5,202
6	6	2,994	46	0	0,051	86	0	0	6	2	4,944
7	5	2,836	47	0	0,044	87	0	0	7	3	4,669
8	0	2,679	48	0	0,038	88	0	0	8	4	4,382
9	2	2,525	49	0	0,032	89	0	0	9	8	4,088
10	6	2,373	50	0	0,028	90	0	0	10	1	3,79
11	1	2,225	51	0	0,024	91	0	0	11	5	3,492
12	2	2,081	52	0	0,02	92	0	0	12	4	3,198
13	1	1,942	53	0	0,017	93	0	0	13	4	2,912
14	3	1,807	54	0	0,014	94	0	0	14	0	2,635
15	2	1,678	55	0	0,012	95	0	0	15	1	2,37
16	1	1,554	56	0	0,01	96	0	0	16	5	2,119
17	1	1,436	57	0	0,009	97	1	0	17	2	1,884
18	3	1,323	58	0	0,007				18	3	1,665
19	0	1,217	59	0	0,006				19	1	1,463
20	1	1,116	60	0	0,005				20	1	1,278
21	0	1,021	61	0	0,004				21	2	1,11
22	0	0,932	62	0	0,004				22	0	0,958
23	0	0,848	63	0	0,003				23	0	0,823
24	0	0,771	64	0	0,002				24	1	0,703
25	0	0,698	65	1	0,002				25	1	0,597
26	2	0,631	66	0	0,002				26	0	0,504
27	0	0,569	67	0	0,001				27	1	0,423
28	0	0,512	68	0	0,001				28	0	0,353
29	4	0,46	69	0	0,00				29	0	0,293
30	0	0,412	70	0	0,00				30	0	0,242
31	0	0,368	71	0	0,00				31	0	0,199
32	0	0,328	72	0	0,00				32	0	0,162
33	0	0,291	73	0	0,00				33	0	0,132
34	0	0,258	74	0	0,00				34	1	0,107
35	1	0,229	75	0	0,00				35	0	0,086
36	0	0,202	76	0	0,00				36	0	0,069
37	0	0,178	77	0	0,00				37	1	0,246
38	0	0,156	78	0	0,00						
39	0	0,137	79	0	0,00						
40	0	0,12	80	0	0,00						

Input data:
 Hlapeck6_1er.dat
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 75
 Best method is
 Method 2 of 5
 Parameters:
 a = 144,233735491984
 b = 142,606987293728
 DF =24

$X^2 = 31,4164$ $P(X^2) = 0,1421$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	0	4,104	1	0	1,704
2	1	4,151	2	0	1,987
3	4	4,169	3	2	2,277
4	4	4,159	4	3	2,567
5	4	4,119	5	6	2,846
6	6	4,053	6	2	3,103
7	4	3,96	7	3	3,33
8	6	3,844	8	3	3,518
9	5	3,706	9	6	3,658
10	8	3,549	10	5	3,746
11	2	3,376	11	2	3,779
12	5	3,191	12	6	3,756
13	7	2,996	13	5	3,678
14	1	2,795	14	0	3,55
15	3	2,591	15	4	3,378
16	1	2,386	16	2	3,17
17	2	2,184	17	2	2,934
18	1	1,986	18	4	2,678
19	0	1,795	19	2	2,412
20	1	1,612	20	1	2,143
21	1	1,438	21	1	1,88
22	1	1,276	22	3	1,628
23	0	1,125	23	0	1,391
24	0	0,986	24	2	1,174
25	1	0,858	25	2	0,979
26	0	0,743	26	0	0,806
27	1	0,639	27	2	0,656
28	1	0,547	28	0	0,527
29	2	0,465	29	0	0,419
30	0	0,393	30	0	0,329
31	1	0,331	31	0	0,255
32	0	0,276	32	0	0,196
33	0	0,23	33	0	0,148
34	0	0,19	34	1	0,111
35	1	0,156	35	1	0,083
36	1	0,624			

Input data:
 Hlapeck7_1er.dat*
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 71
 Best method is
 Method 1 of 5
 Parameters:
 a = 67,2218260761935
 b = 57,6401912558517
 DF =24

$X^2 = 23,8638$ $P(X^2) = 0,4694$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	0,061	1	3	2,835
2	0	0,044	2	4	3,165
3	0	0,032	3	4	3,491
4	0	0,022	4	1	3,806
5	0	0,016	5	2	4,101
6	1	0,034	6	4	4,368
7			7	9	4,599
8			8	2	4,788
9			9	8	4,93
10			10	5	5,019
11			11	4	5,055
12			12	6	5,036
13			13	3	4,964
14			14	6	4,841
15			15	9	4,672
16			16	4	4,462
17			17	1	4,218
18			18	5	3,948
19			19	2	3,657
20			20	4	3,354
21			21	2	3,047
22			22	6	2,74
23			23	2	2,441
24			24	3	2,153
25			25	1	1,882
26			26	0	1,629
27			27	0	1,397
28			28	1	1,187
29			29	0	1
30			30	1	0,834
31			31	1	0,69
32			32	2	0,566
33			33	0	0,46
34			34	0	0,37

Input data:
 Hlapeck8_1er.dat#
 Distribution: Hyperpoisson
 (a,b)
 Sample size: 107
 Best method is
 Method 5 of 5
 Parameters:
 a = 92,5093374568126
 b = 82,8568014371272
 DF =28

$X^2 = 29,8834$ $P(X^2) = 0,3688$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	2,835	35	1	0,296
2	4	3,165	36	0	0,234
3	4	3,491	37	0	0,184
4	1	3,806	38	0	0,143
5	2	4,101	39	0	0,11
6	4	4,368	40	0	0,085
7	9	4,599	41	0	0,064
8	2	4,788	42	0	0,048
9	8	4,93	43	1	0,132
10	5	5,019			
11	4	5,055			
12	6	5,036			
13	3	4,964			
14	6	4,841			
15	9	4,672			
16	4	4,462			
17	1	4,218			
18	5	3,948			
19	2	3,657			
20	4	3,354			
21	2	3,047			
22	6	2,74			
23	2	2,441			
24	3	2,153			
25	1	1,882			
26	0	1,629			
27	0	1,397			
28	1	1,187			
29	0	1			
30	1	0,834			
31	1	0,69			
32	2	0,566			
33	0	0,46			
34	0	0,37			

Input data:
 HlapeckK9_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 60
 Best method is
 Method 1 of 5
 min. size: 5
 a = 60,0835187146328
 b = 47,0795931776091
 DF =6
 $X^2 = 2,6250$ $P(X^2) = 0,8542$

X[i]	F[i]	NP[i]
1	0	0,612
2	0	0,781
3	0	0,977
4	0	1,195
5	1	1,434
6	4	1,687
7	1	1,946
8	2	2,203
9	6	2,448
10	4	2,67
11	1	2,861
12	7	3,011
13	1	3,115
14	0	3,168
15	4	3,168
16	5	3,117
17	2	3,016
18	2	2,873
19	3	2,694
20	3	2,487
21	1	2,262
22	2	2,026
23	0	1,788
24	0	1,555
25	5	1,333
26	2	1,127
27	3	0,939
28	0	0,772
29	0	0,626
30	0	0,501
31	0	0,396
32	0	0,309
33	0	0,238
34	0	0,18
35	1	0,485

Input data:
 HlapeckK10_1er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 113
 Best method is
 Method 1 of 5
 Parameters:
 a = 91,5404498122758
 b = 88,5295073800334
 DF =23
 $X^2 = 29,8211$ $P(X^2) = 0,1546$

X[i]*	F[i]	NP[i]
1	6	6,509
2	8	6,731
3	9	6,882
4	9	6,959
5	9	6,959
6	5	6,885
7	3	6,739
8	3	6,525
9	5	6,253
10	8	5,93
11	6	5,566
12	4	5,171
13	4	4,756
14	1	4,331
15	10	3,905
16	2	3,486
17	6	3,082
18	3	2,699
19	3	2,342
20	3	2,012
21	0	1,713
22	1	1,445
23	3	1,207
24	0	1
25	0	0,821
26	0	0,668
27	0	0,538
28	0	0,43
29	0	0,341
30	0	0,268
31	0	0,209
32	0	0,161
33	0	0,123
34	0	0,094
35	0	0,071
36	0	0,053
37	0	0,039
38	0	0,029
39	2	0,072

Input data:
 HlapeckK11_1er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 75
 Best method is
 Method 2 of 5
 Parameters:
 a = 63,2968989188613
 b = 53,7994410820815
 DF =24
 $X^2 = 28,6480$ $P(X^2) = 0,2337$

X[i]#	F[i]	NP[i]
1	3	1,776
2	3	2,089
3	0	2,413
4	4	2,738
5	5	3,051
6	1	3,341
7	3	3,596
8	4	3,807
9	1	3,963
10	5	4,059
11	3	4,091
12	6	4,059
13	6	3,965
14	7	3,814
15	3	3,614
16	1	3,374
17	1	3,104
18	7	2,815
19	2	2,517
20	2	2,219
21	0	1,929
22	2	1,655
23	2	1,4
24	0	1,169
25	0	0,964
26	1	0,784
27	1	0,63
28	0	0,5
29	0	0,391
30	1	0,303
31	0	0,232
32	0	0,175
33	1	0,464

Input data: HlapeckK12_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 80
 Best method is
 Method 5 of 5
 Parameters:
 a = 138,933205797145
 b = 130,653742585238
 DF =29
 $X^2 = 22,7775$ $P(X^2) = 0,7866$

Input data: HlapeckK13_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 119
 Best method is
 Method 2 of 5
 Parameters:
 a = 144,121493802332
 b = 141,123247775957
 DF =28
 $X^2 = 23,3035$ $P(X^2) = 0,7177$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	2,565	41	1	0,129	1	1	5,907	41	0	0,086
2	2	2,727	42	0	0,105	2	4	6,033	42	0	0,068
3	5	2,878	43	0	0,085	3	5	6,117	43	0	0,054
4	2	3,014	44	0	0,069	4	7	6,16	44	0	0,043
5	3	3,133	45	0	0,055	5	6	6,16	45	0	0,033
6	1	3,233	46	0	0,044	6	3	6,118	46	0	0,026
7	4	3,311	47	0	0,035	7	9	6,034	47	0	0,02
8	2	3,366	48	0	0,027	8	5	5,911	48	0	0,015
9	5	3,398	49	0	0,021	9	2	5,751	49	0	0,012
10	7	3,405	50	0	0,017	10	8	5,558	50	0	0,009
11	6	3,387	51	0	0,013	11	6	5,336	51	1	0,027
12	2	3,346	52	0	0,01	12	9	5,089			
13	2	3,281	53	0	0,008	13	6	4,821			
14	5	3,196	54	0	0,006	14	5	4,538			
15	3	3,091	55	0	0,004	15	3	4,243			
16	2	2,968	56	0	0,003	16	4	3,942			
17	2	2,832	57	0	0,002	17	3	3,639			
18	4	2,682	58	0	0,002	18	5	3,338			
19	2	2,524	59	0	0,001	19	6	3,042			
20	1	2,359	60	0	0,001	20	1	2,756			
21	4	2,19	61	0	0,00	21	3	2,48			
22	0	2,02	62	0	0,00	22	2	2,219			
23	2	1,85	63	0	0,00	23	2	1,972			
24	1	1,684	64	0	0,00	24	1	1,742			
25	2	1,523	65	0	0,00	25	3	1,53			
26	0	1,368	66	0	0,00	26	2	1,336			
27	2	1,221	67	0	0,00	27	0	1,159			
28	0	1,083	68	0	0,00	28	2	0,999			
29	2	0,954	69	0	0	29	0	0,857			
30	1	0,836	70	0	0	30	2	0,73			
31	0	0,727	71	0	0	31	1	0,618			
32	1	0,629	72	0	0	32	0	0,521			
33	0	0,54	73	0	0	33	0	0,436			
34	0	0,462	74	0	0	34	1	0,363			
35	1	0,392	75	0	0	35	0	0,3			
36	1	0,331	76	0	0	36	0	0,247			
37	0	0,277	77	0	0	37	0	0,202			
38	0	0,231	78	1	0	38	0	0,165			
39	0	0,192				39	0	0,133			
40	0	0,158				40	1	0,107			

Input data: HlapeckK14_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 53
 Best method is
 Method 5 of 5
 Parameters:
 a = 127,639662943524
 b = 114,293383645481
 DF =29
 $X^2 = 23,7292$ $P(X^2) = 0,7422$

Input data: HlapeckK15_1er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 98
 Best method is
 Method 2 of 5
 Parameters:
 a = 90,3950115634241
 b = 79,788362542928
 DF =29
 $X^2 = 22,1606$ $P(X^2) = 0,8135$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	0	0,946	41	0	0,167	1	1	2,241
2	2	1,056	42	0	0,138	2	3	2,539
3	1	1,17	43	0	0,114	3	2	2,841
4	0	1,284	44	0	0,093	4	2	3,14
5	0	1,397	45	0	0,075	5	7	3,428
6	0	1,507	46	0	0,061	6	4	3,699
7	1	1,613	47	0	0,049	7	5	3,943
8	1	1,711	48	0	0,039	8	3	4,155
9	3	1,801	49	0	0,031	9	4	4,328
10	2	1,879	50	0	0,024	10	7	4,456
11	4	1,946	51	0	0,019	11	5	4,537
12	2	1,998	52	0	0,015	12	5	4,567
13	4	2,035	53	0	0,011	13	5	4,548
14	3	2,057	54	0	0,009	14	4	4,479
15	2	2,063	55	0	0,007	15	4	4,363
16	4	2,052	56	0	0,005	16	1	4,205
17	2	2,026	57	0	0,004	17	1	4,01
18	5	1,985	58	0	0,003	18	5	3,784
19	2	1,929	59	0	0,002	19	6	3,534
20	1	1,862	60	0	0,002	20	1	3,267
21	1	1,783	61	0	0,001	21	4	2,99
22	2	1,694	62	0	0,00	22	2	2,708
23	1	1,598	63	0	0,00	23	3	2,429
24	1	1,497	64	0	0,00	24	2	2,157
25	0	1,392	65	0	0,00	25	2	1,897
26	1	1,284	66	0	0,00	26	4	1,652
27	1	1,177	67	0	0,00	27	0	1,425
28	0	1,071	68	0	0,00	28	1	1,218
29	0	0,967	69	0	0,00	29	0	1,031
30	0	0,868	70	0	0,00	30	1	0,865
31	1	0,773	71	0	0,00	31	1	0,718
32	1	0,684	72	1	0,00	32	1	0,592
33	1	0,601				33	0	0,483
34	0	0,524				34	1	0,39
35	0	0,454				35	0	0,313
36	0	0,391				36	1	1,07
37	1	0,334						
38	0	0,284						
39	1	0,239						
40	1	0,201						

Input data: HlapecK16_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 77
 Best method is
 Method 1 of 5
 Parameters:
 a = 107,313016911537
 b = 96,9344344637703
 DF =29
 X² = 33,4507 P(X²) = 0,2599

Input data: HlapecK17_1er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 87
 Best method is
 Method 2 of 5
 Parameters:
 a = 59,6680308787428
 b = 48,8064456463633
 DF =25
 X² = 18,3552 P(X²) = 0,8269

Input data: HlapecK18_1er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 21
 Best method is
 Method 2 of 5
 Parameters:
 a = 167,677757753548
 b = 159,768771302101
 DF =12
 X² = 9,8236 P(X²) = 0,6314

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	1	1,915	41	0	0,089	1	2	1,488	1	1	0,683
2	1	2,119	42	0	0,07	2	1	1,82	2	0	0,717
3	0	2,322	43	0	0,055	3	2	2,18	3	1	0,748
4	1	2,519	44	0	0,042	4	2	2,56	4	1	0,775
5	1	2,705	45	0	0,032	5	2	2,949	5	1	0,799
6	3	2,876	46	0	0,025	6	2	3,332	6	1	0,818
7	5	3,028	47	0	0,019	7	3	3,695	7	1	0,832
8	4	3,157	48	0	0,014	8	3	4,022	8	0	0,842
9	2	3,259	49	0	0,01	9	5	4,301	9	0	0,846
10	6	3,333	50	0	0,008	10	10	4,517	10	1	0,846
11	7	3,376	51	0	0,006	11	5	4,663	11	2	0,84
12	4	3,388	52	0	0,004	12	6	4,731	12	0	0,83
13	5	3,369	53	0	0,003	13	6	4,72	13	0	0,815
14	4	3,319	54	0	0,002	14	3	4,632	14	1	0,796
15	3	3,24	55	0	0,002	15	5	4,472	15	1	0,772
16	2	3,134	56	0	0,001	16	5	4,248	16	2	0,745
17	5	3,004	57	0	0,00	17	1	3,973	17	3	0,715
18	5	2,855	58	0	0,00	18	1	3,658	18	1	0,682
19	1	2,689	59	0	0,00	19	3	3,316	19	1	0,647
20	4	2,511	60	0	0,00	20	4	2,962	20	0	0,61
21	0	2,324	61	0	0,00	21	3	2,607	21	0	0,572
22	2	2,133	62	0	0,00	22	3	2,26	22	0	0,534
23	1	1,941	63	0	0,00	23	0	1,932	23	0	0,495
24	1	1,751	64	0	0,00	24	2	1,628	24	0	0,457
25	0	1,567	65	0	0,00	25	2	1,353	25	1	0,419
26	0	1,39	66	1	0,00	26	0	1,109	26	0	0,382
27	0	1,224				27	2	0,896	27	0	0,347
28	0	1,068				28	2	0,715	28	0	0,313
29	0	0,925				29	1	0,563	29	0	0,281
30	2	0,794				30	0	0,437	30	0	0,251
31	1	0,677				31	0	0,335	31	0	0,223
32	0	0,572				32	0	0,254	32	0	0,197
33	0	0,48				33	1	0,674	33	1	0,173
34	0	0,4							34	0	0,151
35	2	0,33							35	0	0,132
36	1	0,271							36	0	0,114
37	0	0,22							37	0	0,098
38	1	0,178							38	1	0,505
39	1	0,142									
40	0	0,113									

Input data: Valpet_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 561
 Best method is
 Method 1 of 5
 min. size: 130
 a = 77,8351914135942
 b = 68,607407480712
 DF =1
 $X^2 = 3,0977$ $P(X^2) = 0,0784$

Input data: Pokljuk_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 169
 Best method is
 Method 1 of 5
 Parameters:
 a = 145,66569163572
 b = 130,816060407901
 DF =40
 $X^2 = 53,6019$ $P(X^2) = 0,0737$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	15,12	41	0	0,151	1	0	2,642	41	2	0,846
2	7	17,15	42	2	0,108	2	1	2,942	42	1	0,722
3	11	19,18	43	2	0,077	3	3	3,251	43	0	0,612
4	23	21,14	44	2	0,054	4	3	3,566	44	1	0,516
5	37	22,98	45	0	0,038	5	3	3,881	45	0	0,432
6	26	24,63	46	1	0,026	6	8	4,194	46	0	0,36
7	33	26,05	47	0	0,018	7	5	4,498	47	1	0,298
8	35	27,17	48	2	0,012	8	8	4,789	48	0	0,246
9	28	27,97	49	1	0,008	9	11	5,062	49	0	0,201
10	29	28,42	50	0	0,005	10	5	5,311	50	0	0,164
11	35	28,51	51	1	0,004	11	10	5,534	51	0	0,133
12	46	28,23	52	0	0,002	12	3	5,724	52	0	0,107
13	27	27,6	53	0	0,002	13	6	5,88	53	0	0,086
14	19	26,65	54	0	0,001	14	2	5,997	54	2	0,068
15	19	25,42	55	0	0,00	15	7	6,074	55	0	0,054
16	17	23,95	56	1	0,00	16	8	6,11	56	0	0,043
17	15	22,3	57	0	0,00	17	8	6,103	57	0	0,034
18	19	20,51	58	0	0,00	18	5	6,056	58	0	0,026
19	10	18,65	59	0	0,00	19	5	5,967	59	0	0,02
20	9	16,76	60	0	0,00	20	6	5,841	60	0	0,016
21	15	14,89	61	0	0	21	7	5,679	61	0	0,012
22	11	13,08	62	1	0	22	4	5,485	62	0	0,009
23	7	11,36	63	1	0	23	2	5,263	63	0	0,007
24	4	9,76				24	6	5,017	64	0	0,005
25	11	8,293				25	0	4,751	65	0	0,004
26	5	6,97				26	5	4,47	66	0	0,003
27	4	5,796				27	4	4,179	67	0	0,002
28	4	4,768				28	1	3,882	68	0	0,002
29	8	3,882				29	5	3,583	69	1	0,001
30	2	3,128				30	4	3,286	70	1	0,003
31	5	2,494				31	4	2,995			
32	3	1,969				32	0	2,713			
33	4	1,538				33	5	2,442			
34	8	1,19				34	2	2,185			
35	3	0,912				35	2	1,943			
36	3	0,692				36	1	1,717			
37	0	0,52				37	0	1,509			
38	1	0,387				38	0	1,317			
39	1	0,285				39	0	1,143			
40	0	0,208				40	1	0,987			

Input data: Krpan_1er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 371
 Best method is
 Method 2 of 5

Parameters:
 a = 578,893780287656
 b = 600,681186100866
 DF =46
 $X^2 = 103,5329$ $P(X^2) = 0,0000$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	21	41	1	1,344	81	0	0,007
2	5	20,24	42	2	1,215	82	0	0,006
3	12	19,47	43	1	1,096	83	0	0,005
4	22	18,7	44	2	0,987	84	0	0,004
5	15	17,94	45	1	0,888	85	0	0,004
6	18	17,17	46	0	0,797	86	0	0,003
7	23	16,41	47	0	0,715	87	0	0,003
8	20	15,66	48	0	0,64	88	0	0,002
9	30	14,92	49	1	0,572	89	0	0,002
10	17	14,19	50	0	0,51	90	0	0,002
11	15	13,47	51	0	0,455	91	0	0,001
12	22	12,77	52	0	0,405	92	0	0,001
13	12	12,09	53	0	0,359	93	0	0,00
14	17	11,42	54	1	0,319	94	0	0,00
15	10	10,77	55	0	0,282	95	0	0,00
16	5	10,15	56	0	0,25	96	0	0,00
17	4	9,539	57	0	0,22	97	0	0,00
18	13	8,954	58	1	0,194	98	0	0,00
19	5	8,392	59	0	0,171	99	0	0,00
20	10	7,852	60	0	0,15	100	0	0,00
21	6	7,336	61	0	0,132	101	0	0,00
22	13	6,842	62	0	0,116	102	0	0,00
23	4	6,371	63	0	0,101	103	0	0,00
24	5	5,923	64	0	0,088	104	0	0,00
25	7	5,498	65	0	0,077	105	0	0,00
26	4	5,095	66	0	0,067	106	1	0,00
27	4	4,714	67	0	0,058			
28	7	4,354	68	1	0,051			
29	2	4,016	69	0	0,044			
30	3	3,698	70	0	0,038			
31	7	3,4	71	0	0,033			
32	6	3,12	72	0	0,028			
33	5	2,86	73	0	0,024			
34	5	2,617	74	0	0,021			
35	2	2,39	75	0	0,018			
36	2	2,18	76	0	0,016			
37	1	1,985	77	0	0,013			
38	0	1,805	78	0	0,011			
39	0	1,639	79	0	0,01			
40	1	1,485	80	0	0,008			

Input data: Mackova_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 109
 Best method is
 Method 5 of 5
 Parameters:
 a = 28,9835964280664
 b = 25,3164723983631
 DF =15
 $X^2 = 13,4140$ $P(X^2) = 0,5704$

X[i]	F[i]	NP[i]
1	3	7,104
2	12	8,133
3	11	8,957
4	10	9,504
5	6	9,728
6	10	9,618
7	7	9,195
8	13	8,51
9	8	7,632
10	4	6,64
11	5	5,608
12	5	4,602
13	3	3,673
14	3	2,853
15	2	2,158
16	3	1,591
17	0	1,144
18	1	0,802
19	0	0,55
20	0	0,368

Input data: Ponkrcev_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 165
 Best method is
 Method 4 of 5
 min. size: 15
 a = 52,9274444888371
 b = 52,2816981082621
 DF =4
 $X^2 = 11,1427$ $P(X^2) = 0,0250$

X[i]	F[i]	NP[i]
1	1	0,241
2	0	0,154
3	0	0,096
4	0	0,059
5	0	0,035
6	0	0,021
7	0	0,012
8	0	0,007
9	1	0,004
10	0	0,002
11	1	0,002
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		

Input data: PonkrcevK1_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 68
 Best method is
 Method 2 of 5
 Parameters:
 a = 25,2652392120294
 b = 21,6724431114214
 DF =14
 $X^2 = 18,5954$ $P(X^2) = 0,1810$

X[i]	F[i]	NP[i]
1	2	4,504
2	5	5,251
3	9	5,852
4	7	6,245
5	9	6,395
6	4	6,294
7	6	5,962
8	2	5,443
9	9	4,796
10	1	4,084
11	4	3,364
12	5	2,684
13	3	2,075
14	0	1,557
15	0	1,135
16	0	0,804
17	1	0,554
18	0	0,371
19	0	0,243
20	1	0,388
21		

Input data: PonkrcevK2_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 38
 Best method is
 Method 2 of 5
 Parameters:
 a = 31,9393483360116
 b = 29,1933514981079
 DF =12
 $X^2 = 18,0822$ $P(X^2) = 0,1132$

X[i]	F[i]	NP[i]
1	0	2,941
2	1	3,218
3	6	3,404
4	3	3,485
5	7	3,458
6	5	3,327
7	5	3,108
8	2	2,821
9	0	2,489
10	1	2,137

Input data: PonkrcevK3_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 59
 Best method is
 Method 2 of 5
 Parameters:
 a = 48,4165489777068
 b = 49,0659268140559
 DF =13
 $X^2 = 19,7524$ $P(X^2) = 0,1016$

X[i]	F[i]	NP[i]
1	1	6,277
2	5	6,194
3	11	5,99
4	5	5,679
5	6	5,281
6	7	4,818
7	6	4,315
8	5	3,794
9	3	3,276
10	0	2,78
11	1	2,318
12	4	1,9
13	0	1,531
14	1	1,214
15	0	0,947
16	0	0,727
17	2	0,55
18	0	0,409
19	1	0,3
20	0	0,216
21	1	0,484

Input data: Hlapec_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 1383
 Best method is
 Method 1 of 5
 min. size: 160
 a = 22,2502140720556
 b = 18,9503245978687
 DF =3
 $X^2 = 13,1829$ $P(X^2) = 0,0043$
 C = 0,0095

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	67	98,13	21	3	1,102
2	117	115,2	22	1	0,629
3	125	128,5	23	0	0,351
4	119	136,5	24	0	0,191
5	168	138,3	25	1	0,101
6	146	134,1	26	1	0,052
7	131	124,6	27	0	0,027
8	119	111,1	28	0	0,013
9	99	95,27	29	0	0,006
10	68	78,65	30	0	0,003
11	54	62,61	31	0	0,001
12	34	48,12	32	0	0,00
13	36	35,75	33	2	0,00
14	23	25,7	34	0	0,00
15	17	17,9	35	0	0,00
16	14	12,09	36	1	0
17	8	7,921	37	0	0
18	15	5,043	38	0	0
19	4	3,121	39	1	0
20	8	1,879	40	0	0

Input data: HlapecK1_2er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 43
 Best method is
 Method 5 of 5
 Parameters:
 a = 17,0593337742634
 b = 12,5867694212644
 DF =11
 $X^2 = 19,2976$ $P(X^2) = 0,0560$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
41	0	0	1	2	1,991
42	0	0	2	0	2,698
43	0	0	3	3	3,388
44	0	0	4	5	3,962
45	0	0	5	7	4,337
46	0	0	6	4	4,46
47	0	0	7	10	4,326
48	0	0	8	4	3,971
49	1	0	9	0	3,458
			10	1	2,866
			11	2	2,265
			12	1	1,711
			13	0	1,237
			14	1	0,858
			15	0	0,572
			16	1	0,367
			17	0	0,227
			18	0	0,136
			19	0	0,078
			20	1	0,044
			21	1	0,048

Input data: HlapecK2_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 82
 Best method is
 Method 2 of 5
 Parameters:
 a = 34,1201391821036
 b = 33,5538098017783
 DF =13
 $X^2 = 11,0451$ $P(X^2) = 0,6070$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	4	8,77	11	2	3,031
2	13	8,918	12	2	2,374
3	7	8,806	13	2	1,818
4	9	8,451	14	2	1,362
5	10	7,888	15	0	0,998
6	5	7,167	16	1	0,716
7	9	6,343	17	0	0,503
8	8	5,471	18	1	0,347
9	2	4,603	19	0	0,234
10	4	3,78	20	1	0,419

Input data: HlapecK3_2er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 85
 Best method is
 Method 5 of 5
 Parameters:
 a = 24,6217696427599
 b = 21,6550092253343
 DF =13
 $X^2 = 19,7605$ $P(X^2) = 0,1013$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]		
5	6,505	11	2	3,779	21	0	0,084
9	7,396	12	1	2,939	22	0	0,05
13	8,038	13	2	2,216	23	0	0,029
4	8,367	14	0	1,621	24	0	0,016
5	8,356	15	0	1,152	25	1	0,019
6	10	8,019	16	1	0,796		
7	10	7,407	17	0	0,534		
8	9	6,595	18	2	0,349		
9	9	5,667	19	0	0,223		
10	1	4,705	20	0	0,138		

Input data: HlapeckK4_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 57
 Best method is
 Method 5 of 5
 Parameters:
 a = 101,726170652327
 b = 113,221545050794
 DF =13
 $X^2 = 22,0011$ $P(X^2) = 0,0553$

6	3	4,243	26	0	0,046
7	4	3,651	27	0	0,034
8	3	3,115	28	0	0,025
9	4	2,636	29	0	0,018
10	1	2,212	30	0	0,013
11	0	1,841	31	0	0,009
12	0	1,52	32	0	0,007
13	2	1,245	33	1	0,005
14	0	1,011	34	0	0,003
15	4	0,815	35	0	0,002
16	0	0,652	36	0	0,002
17	0	0,517	37	0	0,001
18	1	0,407	38	0	0,00
19	0	0,318	39	0	0,00
20	0	0,247	40	0	0,00

Input data: HlapeckK5_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 80
 Best method is
 Method 4 of 5
 Parameters:
 a = 32,3519540434338
 b = 33,984728856486
 DF =11
 $X^2 = 5,4197$ $P(X^2) = 0,9092$

46	0	0	6	9	6,782
47	0	0	7	4	5,628
48	0	0	8	6	4,554
49	1	0	9	5	3,595
			10	2	2,77
			11	2	2,085
			12	1	1,533
			13	1	1,103
			14	1	0,776
			15	0	0,534
			16	0	0,36
			17	1	0,238
			18	0	0,154
			19	1	0,248

Input data: HlapeckK6_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 75
 Best method is
 Method 4 of 5
 Parameters:
 a = 31,1433097380198
 b = 29,7323773026302
 DF =13
 $X^2 = 19,4675$ $P(X^2) = 0,1093$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	7,315	11	2	2,944
2	8	7,662	12	0	2,307
3	10	7,765	13	1	1,764
4	10	7,621	14	2	1,317
5	13	7,251	15	2	0,96
6	7	6,694	16	1	0,683
7	8	6,003	17	0	0,476
8	4	5,232	18	2	0,911
9	3	4,436			
10	1	3,661			

Input data: HlapeckK7_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 71
 Best method is
 Method 1 of 5
 Parameters:
 a = 14,7038471535308
 b = 10,3052637297382
 DF =12
 $X^2 = 8,9400$ $P(X^2) = 0,7080$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	3,105	11	4	3,522
2	5	4,43	12	2	2,55
3	8	5,761	13	2	1,76
4	6	6,884	14	2	1,16
5	11	7,608	15	0	0,732
6	8	7,82	16	0	0,443
7	5	7,513	17	1	0,257
8	6	6,775	18	1	0,144
9	6	5,756	19	0	0,078
10	3	4,624	20	0	0,04
			21	1	0,038

Input data: HlapecK8_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 107
 Best method is
 Method 1 of 5
 Parameters:
 a = 23,9392719159409
 b = 19,9402585176532
 DF =14
 $X^2 = 10,1144$ $P(X^2) = 0,7538$

Input data: HlapecK9_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 60
 Best method is
 Method 2 of 5
 min. size: 5
 a = 14,4435987907223
 b = 8,36726577610548
 DF =6
 $X^2 = 9,3197$ $P(X^2) = 0,1564$

Input data: HlapecK10_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 113
 Best method is
 Method 5 of 5
 Parameters:
 a = 21,2671473498424
 b = 20,0915755736239
 DF =12
 $X^2 = 16,9432$ $P(X^2) = 0,1517$

X[i]	F[i]	NP[i]
1	7	6,38
2	5	7,66
3	6	8,757
4	11	9,554
5	13	9,971
6	10	9,97
7	9	9,57
8	13	8,832
9	6	7,848
10	6	6,724
11	8	5,562
12	5	4,447
13	1	3,441
14	1	2,579
15	1	1,874
16	3	1,322
17	0	0,906
18	1	0,603
19	0	0,391
20	0	0,247
21	0	0,152
22	1	0,211

X[i]	F[i]	NP[i]
1	0	1,066
2	0	1,84
3	5	2,837
4	3	3,953
5	10	5,023
6	8	5,866
7	1	6,338
8	9	6,372
9	4	5,989
10	6	5,285
11	3	4,396
12	0	3,457
13	7	2,578
14	3	1,828
15	0	1,236
16	0	0,798
17	0	0,493
18	1	0,645

X[i]	F[i]	NP[i]
1	14	12,88
2	18	13,63
3	14	13,74
4	6	13,23
5	13	12,19
6	10	10,76
7	5	9,118
8	12	7,432
9	9	5,834
10	6	4,417
11	1	3,229
12	3	2,282
13	0	1,561
14	0	1,034
15	0	0,665
16	0	0,415
17	0	0,251
18	0	0,148
19	0	0,085
20	2	0,101

Input data: Hlapec K11_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 75
 Best method is
 Method 1 of 5
 Parameters:
 a = 18,4955898566703
 b = 14,9299889746417
 DF =12
 $X^2 = 9,8046$ $P(X^2) = 0,6331$

X[i]	F[i]	NP[i]
1	6	4,863
2	4	6,025
3	6	6,995
4	7	7,642
5	6	7,883
6	9	7,702
7	13	7,148
8	4	6,316
9	8	5,327
10	4	4,297
11	2	3,321
12	2	2,464
13	1	1,758
14	1	1,207
15	1	0,799
16	0	0,511
17	1	0,745

Input data: HlapecK12_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 80
 Best method is
 Method 1 of 5
 Parameters:
 a = 32,2895316816298
 b = 28,6597051968232
 DF =15
 $X^2 = 8,6795$ $P(X^2) = 0,8937$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	5,234	1	3	5,234	21	1	0,234
2	7	5,896	2	7	5,896	22	0	0,155
3	4	6,419	3	4	6,419	23	0	0,101
4	6	6,76	4	6	6,76	24	0	0,064
5	12	6,895	5	12	6,895	25	0	0,04
6	8	6,817	6	8	6,817	26	0	0,025
7	7	6,539	7	7	6,539	27	0	0,015
8	5	6,092	8	5	6,092	28	0	0,009
9	6	5,516	9	6	5,516	29	0	0,005
10	3	4,859	10	3	4,859	30	0	0,003
11	4	4,166	11	4	4,166	31	0	0,002
12	3	3,48	12	3	3,48	32	0	0,00
13	2	2,833	13	2	2,833	33	0	0,00
14	2	2,25	14	2	2,25	34	0	0,00
15	3	1,744	15	3	1,744	35	0	0,00
16	1	1,32	16	1	1,32	36	0	0,00
17	0	0,976	17	0	0,976	37	0	0
18	2	0,706	18	2	0,706	38	0	0
19	0	0,499	19	0	0,499	39	1	0
20	0	0,345	20	0	0,345			

Input data: HlapecK13_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 119
 Best method is
 Method 1 of 5

X[i]	F[i]	NP[i]
1	5	7,126
2	12	8,731
3	9	10,11
4	14	11,12
5	10	11,62
6	15	11,57
7	11	11,01
8	7	10,03
9	8	8,767
10	7	7,358

Parameters:
 a = 21,3243986835466
 b = 17,4058482363001
 DF =14
 $X^2 = 6,9532$ $P(X^2) = 0,9365$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
11	5	5,942	11	5	5,942	21	0	0,11
12	3	4,624	12	3	4,624	22	0	0,063
13	5	3,471	13	5	3,471	23	0	0,035
14	2	2,517	14	2	2,517	24	0	0,019
15	2	1,765	15	2	1,765	25	0	0,01
16	1	1,199	16	1	1,199	26	1	0,01
17	1	0,789	17	1	0,789			
18	0	0,504	18	0	0,504			
19	0	0,312	19	0	0,312			
20	1	0,188	20	1	0,188			

Input data: HlapecK14_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 53
 Best method is
 Method 5 of 5
 Parameters:
 a = 30,4904470583883
 b = 24,1777541748694
 DF =16
 $X^2 = 17,0129$ $P(X^2) = 0,3848$

X[i]	F[i]	NP[i]
1	2	1,814
2	1	2,288
3	0	2,77
4	2	3,227
5	5	3,62
6	6	3,917
7	7	4,093
8	6	4,136
9	7	4,045
10	3	3,832
11	3	3,522
12	2	3,142
13	1	2,723
14	1	2,295
15	0	1,882
16	2	1,503
17	1	1,17
18	0	0,888
19	1	0,658
20	2	0,475

Input data: HlapecK15_2er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 98
 Best method is
 Method 4 of 5
 Parameters:
 a = 24,5214492018994
 b = 20,2161566099059
 DF =14
 $X^2 = 9,1874$ $P(X^2) = 0,8189$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	4	5,41	1	4	5,41
2	4	6,562	2	4	6,562
3	11	7,584	3	11	7,584
4	8	8,371	4	8	8,371
5	11	8,841	5	11	8,841
6	10	8,953	6	10	8,953
7	9	8,706	7	9	8,706
8	5	8,143	8	5	8,143
9	6	7,337	9	6	7,337
10	7	6,376	10	7	6,376
11	6	5,352	11	6	5,352
12	5	4,343	12	5	4,343
13	6	3,412	13	6	3,412
14	1	2,597	14	1	2,597
15	1	1,917	15	1	1,917
16	2	1,374	16	2	1,374
17	1	0,957	17	1	0,957
18	1	1,767	18	1	1,767

Input data: HlapecK16_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 77
 Best method is
 Method 5 of 5

X[i]	F[i]	NP[i]
1	2	3,335
2	1	4,177
3	4	4,992
4	9	5,703
5	8	6,241
6	11	6,554
7	9	6,614
8	5	6,425
9	10	6,016
10	5	5,438

Parameters:
 a = 25,9580831923886
 b = 20,7211335823468
 DF =15
 $X^2 = 23,3017$ $P(X^2) = 0,0779$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
11	2	4,749	21	0	0,232
12	2	4,013	22	0	0,148
13	0	3,284	23	0	0,092
14	0	2,605	24	0	0,056
15	2	2,005	25	0	0,033
16	1	1,499	26	0	0,019
17	0	1,09	27	0	0,011
18	3	0,77	28	0	0,006
19	1	0,53	29	0	0,003
20	1	0,355	30	0	0,002
			31	0	0,00
			32	0	0,00
			33	1	0,00

Input data: HlapeckK17_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 87
 Best method is
 Method 1 of 5
 Parameters:
 a = 13,742770404205
 b = 8,87140165620519
 DF =12
 $X^2 = 13,1356$ $P(X^2) = 0,3593$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	2,868	11	6	4,799
2	4	4,443	12	2	3,495
3	4	6,186	13	2	2,417
4	6	7,819	14	4	1,592
5	15	9,052	15	1	1
6	11	9,665	16	0	0,601
7	9	9,575	17	1	0,738
8	10	8,848			
9	2	7,662			
10	7	6,241			

Input data: HlapeckK18_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 21
 Best method is
 Method 5 of 5
 Parameters:
 a = 20,8755125803755
 b = 16,5143229938148
 DF =10
 $X^2 = 7,5848$ $P(X^2) = 0,6693$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	1,097	11	0	1,129
2	2	1,387	12	0	0,889
3	2	1,653	13	1	0,674
4	1	1,863	14	0	0,494
5	1	1,993	15	0	0,349
6	2	2,029	16	0	0,239
7	1	1,968	17	1	0,158
8	3	1,825	18	0	0,102
9	4	1,62	19	1	0,152
10	1	1,38			

Input data: Valpet_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 561
 Best method is
 Method 1 of 5
 min. size: 130
 a = 19,5777526320024
 b = 15,7279613912039
 DF =1
 $X^2 = 0,3180$ $P(X^2) = 0,5728$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	10	33,72	21	2	0,366
2	34	41,98	22	4	0,201
3	63	49,13	23	1	0,107
4	68	54,26	24	2	0,056
5	57	56,72	25	1	0,028
6	81	56,29	26	1	0,014
7	46	53,16	27	0	0,007
8	36	47,9	28	1	0,003
9	34	41,26	29	0	0,001
10	19	34,04	30	0	0
11	26	26,95	31	1	0
12	11	20,51	32	1	0
13	16	15,02			
14	8	10,61			
15	10	7,229			
16	8	4,761			
17	12	3,033			
18	6	1,872			
19	1	1,12			
20	1	0,65			

Input data: Pokljuk_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 169
 Best method is
 Method 4 of 5
 Parameters:
 a = 67,3216433852147
 b = 63,8826049873016
 DF =22
 $X^2 = 28,0012$ $P(X^2) = 0,1756$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	10,12	21	3	1,921
2	6	10,67	22	1	1,542
3	11	11,07	23	0	1,223
4	13	11,31	24	1	0,959
5	16	11,39	25	0	0,743
6	13	11,29	26	0	0,569
7	8	11,04	27	2	0,431
8	15	10,63	28	0	0,323
9	13	10,1	29	0	0,239
10	11	9,458	30	0	0,175
11	11	8,736	31	0	0,127
12	8	7,96	32	0	0,091
13	5	7,157	33	0	0,065
14	5	6,349	34	0	0,045
15	9	5,56	35	2	0,097
16	4	4,806			
17	7	4,101			
18	3	3,456			
19	0	2,877			
20	1	2,365			

Input data: Krpan_2er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 371
 Best method is
 Method 4 of 5

Parameters:
 a = 85,9834970845023
 b = 89,1076801908037
 DF =23
 $X^2 = 68,5395$ $P(X^2) = 0,0000$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	36,23	21	3	2,421	41	0	0,004
2	34	34,96	22	3	1,908	42	0	0,003
3	33	33,36	23	1	1,49	43	0	0,002
4	43	31,48	24	0	1,153	44	0	0,001
5	47	29,39	25	1	0,884	45	0	0,00
6	37	27,14	26	0	0,672	46	0	0,00
7	29	24,8	27	1	0,507	47	0	0,00
8	15	22,42	28	0	0,378	48	0	0,00
9	17	20,06	29	1	0,28	49	0	0,00
10	15	17,76	30	0	0,206	50	0	0,00
11	19	15,56	31	0	0,15	51	0	0
12	9	13,5	32	0	0,108	52	0	0
13	11	11,6	33	0	0,077	53	1	0
14	11	9,863	34	1	0,055			
15	5	8,306	35	0	0,039			
16	13	6,926	36	0	0,027			
17	10	5,721	37	0	0,019			
18	4	4,68	38	0	0,013			
19	1	3,792	39	0	0,009			
20	1	3,044	40	0	0,006			

Input data:
 Mackova_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 109
 Best method is
 Method 5 of 5
 Parameters:
 a = 13,679951774916
 b = 11,9569039195707
 DF =10

X² = 10,9262 P(X²) = 0,3633

X[i]	F[i]	NP[i]
1	6	12,1
2	20	13,84
3	15	14,61
4	11	14,32
5	16	13,1
6	12	11,23
7	5	9,06
8	9	6,902
9	5	4,981
10	3	3,414
11	3	2,229
12	1	1,389
13	0	0,827
14	1	0,473
15	0	0,259

Input data:
 Ponkrcev_3er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 165
 Best method is
 Method 5 of 5
 min. size: 15
 a = 8,37384389989206
 b = 5,99675678342454
 DF =4

X² = 3,9915 P(X²) = 0,4072

X[i]	F[i]	NP[i]
1	0	0,137
2	0	0,069
3	0	0,034
4	1	0,016
5	0	0,007
6	1	0,006
7	5	14,74
8	13	10,29
9	6	6,628
10	1	3,965
11	5	2,214
12	1	1,159
13	1	0,571
14	2	0,463

Input data:
 PonkrcevK1_3er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 68
 Best method is
 Method 4 of 5
 Parameters:
 a = 10,5017240527804
 b = 8,66282888120488
 DF =8

X² = 7,0819 P(X²) = 0,5278

X[i]	F[i]	NP[i]
1	14,18	1
2	19,81	2
3	23,71	3
4	24,82	4
5	23,1	5
6	19,35	6
7	14,74	7
8	10,29	8
9	6,628	9
10	3,965	10
11	2,214	11
12	1,159	12
13	0,571	13
14	0,463	14

Input data:
 PonkrcevK2_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 38
 Best method is
 Method 2 of 5
 Parameters:
 a = 13,0862541517899
 b = 11,3991865826614
 DF =8

X² = 12,3238 P(X²) = 0,1373

X[i]	F[i]	NP[i]
1	0	4,286
2	7	4,921
3	7	5,193
4	8	5,072
5	6	4,61
6	1	3,917
7	2	3,126
8	1	2,351
9	3	1,672
10	0	1,128
11	2	0,724
12	1	1

Input data:
 PonkrcevK3_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 59
 Best method is
 Method 1 of 5
 min. size: 5
 a = 7,92501585865833
 b = 5,54869795736432
 DF =4

X² = 4,5805 P(X²) = 0,3331

X[i]	F[i]	NP[i]
1	4,992	1
2	7,129	2
3	8,628	3
4	9,058	4
5	8,397	5
6	6,969	6
7	5,236	7
8	3,593	8
9	2,269	9
10	1,327	10
11	0,723	11
12	0,369	12
13	0,177	13
14	0,136	14
15	1	1,477

Input data: Hlapec_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 1383
 Best method is
 Method 1 of 5
 min. size: 160
 a = 10,6185162493231
 b = 8,86860617743023
 DF =6

X² = 27,4600 P(X²) = 0,0001
 C = 0,0199

X[i]	F[i]	NP[i]
1	0	0,686
2	2	0,305
3	0	0,13
4	0	0,054
5	0	0,021
6	0	0,008
7	2	0,003
8	0	0,001
9	1	0
10	0	0
11	1	0
12	0	0
13	0	0
14	0	0
15	0	0

Input data: HlapecK1_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 43
 Best method is
 Method 3 of 5
 Parameters:
 a = 7,50825323113829
 b = 5,00550215409219
 DF =7
 $X^2 = 8,8231$ $P(X^2) = 0,2656$

X[i]	F[i]	NP[i]	X[i]*
1	2	3,329	1
2	3	4,993	2
3	7	6,243	3
4	9	6,691	4
5	11	6,275	5
6	3	5,232	6
7	3	3,926	7
8	1	2,679	8
9	1	1,675	9
10	0	0,967	10
11	1	0,518	11
12	0	0,259	12
13	0	0,122	13
14	2	0,09	14

Input data: HlapecK2_3er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 82
 Best method is
 Method 2 of 5
 Parameters:
 a = 14,4076617341549
 b = 14,1003241648848
 DF =9
 $X^2 = 3,1159$ $P(X^2) = 0,9595$

F[i]	NP[i]	X[i]#	F[i]
9	12,6	1	7
15	12,87	2	20
13	12,28	3	7
11	10,99	4	13
12	9,261	5	14
7	7,372	6	14
5	5,561	7	2
3	3,986	8	2
3	2,722	9	2
1	1,774	10	0
1	1,107	11	1
1	0,662	12	2
0	0,38	13	0
1	0,431	14	0
		15	0

Input data: HlapecK3_3er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 85
 Best method is
 Method 1 of 5
 Parameters:
 a = 7,55818561119399
 b = 6,09614752561844
 DF =7
 $X^2 = 17,6745$ $P(X^2) = 0,0135$

NP[i]	X[i]	F[i]	NP[i]
10,88	16	0	0,007
13,49	17	1	0,004
14,36			
13,41			
11,14			
8,341			
5,682			
3,55			
2,049			
1,099			
0,55			
0,258			
0,114			
0,048			
0,019			

Input data: HlapecK4_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 57
 Best method is
 Method 5 of 5
 Parameters:
 a = 64,006432837881
 b = 77,4466476073751
 DF =9
 $X^2 = 13,8669$ $P(X^2) = 0,1271$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	11,76	16	0	0,188
2	15	9,719	17	0	0,13
3	7	7,93	18	0	0,089
4	9	6,389	19	0	0,06
5	6	5,083	20	0	0,041
6	5	3,995	21	0	0,027
7	1	3,101	22	1	0,018
8	0	2,379	23	0	0,012
9	2	1,803	24	0	0,007
10	4	1,351	25	0	0,005
11	0	1	26	0	0,003
12	1	0,732	27	0	0,002
13	0	0,53	28	0	0,001
14	0	0,379	29	0	0,00
15	0	0,268	30	0	0,00

Input data: HlapecK5_3er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 80
 Best method is
 Method 2 of 5
 Parameters:
 a = 14,6166646870152
 b = 16,7750759718038
 DF =7
 $X^2 = 6,8293$ $P(X^2) = 0,4469$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
31	0	0,00	1	18	18,42
32	0	0,00	2	13	16,05
33	1	0,00	3	15	13,19
			4	10	10,27
			5	5	7,593
			6	10	5,342
			7	4	3,586
			8	1	2,301
			9	2	1,415
			10	0	0,835
			11	0	0,473
			12	1	0,258
			13	1	0,268

Input data: HlapecK6_3er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 75
 Best method is
 Method 4 of 5
 Parameters:
 a = 11,1349562606835
 b = 9,85705314605735
 DF =8
 $X^2 = 14,1620$ $P(X^2) = 0,0776$

F[i]	NP[i]	X[i]#	F[i]	NP[i]
18	18,42	1	5	9,769
13	16,05	2	14	11,04
15	13,19	3	15	11,32
10	10,27	4	15	10,63
5	7,593	5	11	9,205
10	5,342	6	4	7,397
4	3,586	7	2	5,544
1	2,301	8	1	3,893
2	1,415	9	2	2,572
0	0,835	10	3	1,604
0	0,473	11	1	0,947
1	0,258	12	2	1,087
1	0,268			

Input data: HlapecK7_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 71
 Best method is
 Method 5 of 5
 Parameters:
 a = 6,39009272519113
 b = 4,07082383321344
 DF =7
 X² = 6,2026 P(X²) = 0,5163

X[i]	F[i]	NP[i]
1	2	5,689
2	11	8,93
3	12	11,25
4	13	11,84
5	9	10,7
6	8	8,475
7	4	5,971
8	5	3,788
9	4	2,187
10	0	1,158
11	0	0,566
12	2	0,257
13	0	0,109
14	1	0,068

Input data: HlapecK8_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 107
 Best method is
 Method 1 of 5
 Parameters:
 a = 10,5247080983433
 b = 8,28740251586182
 DF =10
 X² = 12,2215 P(X²) = 0,2705

X[i]	F[i]	NP[i]
1	11	10,16
2	7	12,9
3	19	14,62
4	15	14,96
5	18	13,94
6	10	11,94
7	8	9,461
8	11	6,969
9	1	4,798
10	2	3,1
11	3	1,888
12	1	1,086
13	0	0,593
14	0	0,308
15	1	0,28

Input data: HlapecK9_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 60
 Best method is
 Method 5 of 5
 min. size: 5
 a = 5,03028184412691
 b = 1,75816238039183
 DF =4
 X² = 5,0117 P(X²) = 0,2861

X[i]	F[i]	NP[i]
1	0	1,455
2	5	4,162
3	9	7,59
4	12	10,16
5	5	10,74
6	9	9,383
7	7	6,984
8	2	4,528
9	10	2,601
10	0	1,341
11	0	0,627
12	1	0,432

Input data: HlapecK10_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 113
 Best method is
 Method 3 of 5
 Parameters:
 a = 9,42619403720147
 b = 9,46717748953715
 DF =7
 X² = 7,5782 P(X²) = 0,3713

X[i]	F[i]	NP[i]	X[i]*
1	23	21,87	1
2	23	21,77	2
3	11	19,61	3
4	18	16,12	4
5	15	12,19	5
6	11	8,529	6
7	6	5,557	7
8	4	3,387	8
9	0	1,939	9
10	0	1,046	10
11	0	0,534	11
12	0	0,259	
13	2	0,207	

Input data: HlapecK11_3er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 75
 Best method is
 Method 1 of 5
 Parameters:
 a = 5,58571606016996
 b = 3,21798652515077
 DF =7
 X² = 3,9889 P(X²) = 0,7811

F[i]	NP[i]	X[i]#	F[i]
6	5,354	1	8
10	9,294	2	6
8	12,31	3	11
14	13,18	4	15
16	11,84	5	10
9	9,159	6	8
4	6,225	7	7
4	3,772	8	3
2	2,062	9	4
1	1,027	10	3
1	0,789	11	1
		12	2
		13	0
		14	1
		15	0

Input data: HlapecK12_3er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 80
 Best method is
 Method 5 of 5
 Parameters:
 a = 12,3064415713097
 b = 10,2056415399634
 DF =9
 X² = 4,7890 P(X²) = 0,8523

NP[i]	X[i]	F[i]	NP[i]
7,999	16	0	0,087
9,645	17	0	0,042
10,59	18	0	0,02
10,68	19	0	0,009
9,953	20	0	0,004
8,622	21	0	0,002
6,978	22	0	0,00
5,299	23	0	0,00
3,79	24	0	0,00
2,562	25	0	0
1,642	26	1	0
1			
0,58			
0,322			
0,171			

Input data: HlapecK13_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 119
 Best method is
 Method 5 of 5
 Parameters:
 a = 9,90601731050543
 b = 7,83459923735222
 DF =9
 $X^2 = 4,5925$ $P(X^2) = 0,8683$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	10	11,99	16	0	0,056
2	16	15,16	17	1	0,041
3	16	17			
4	23	17,12			
5	14	15,65			
6	12	13,1			
7	10	10,11			
8	5	7,241			
9	5	4,835			
10	4	3,025			
11	1	1,78			
12	1	0,989			
13	0	0,52			
14	1	0,26			
15	0	0,124			

Input data: HlapecK14_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 53
 Best method is
 Method 5 of 5
 Parameters:
 a = 14,7526891228157
 b = 11,4390607577649
 DF =10
 $X^2 = 15,9688$ $P(X^2) = 0,1005$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	3	3,568	16	0	0,056
2	0	4,602	17	0	0,041
3	5	5,458	18	0	0,058
4	8	5,991	19	0	0,03
5	9	6,121	20	0	0,015
6	11	5,849	21	0	0,007
7	4	5,249	22	0	0,003
8	4	4,44	23	0	0,002
9	2	3,553	24	1	0,001
10	0	2,696			
11	3	1,946			
12	0	1,339			
13	2	0,88			
14	1	0,554			
15	0	0,335			

Input data: HlapecK15_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 98
 Best method is
 Method 4 of 5
 Parameters:
 a = 9,28857558192622
 b = 6,64044671780275
 DF =9
 $X^2 = 4,5290$ $P(X^2) = 0,8733$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	0,194	1	6	7,627
2	0	0,108	2	13	10,67
3	0	0,058	3	12	12,97
4	0	0,03	4	17	13,94
5	0	0,015	5	13	13,43
6	0	0,007	6	7	11,73
7	0	0,003	7	11	9,358
8	0	0,002	8	7	6,876
9	1	0,001	9	6	4,683
10			10	2	2,971
11			11	2	1,764
12			12	2	1,978

Input data: HlapecK16_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 77
 Best method is
 Method 3 of 5
 min. size: 5
 a = 4,92021556064348
 b = 1,96808622425739
 DF =4
 $X^2 = 3,6666$ $P(X^2) = 0,4530$

X[i]	F[i]	NP[i]
1	2	2,681
2	5	6,702
3	11	11,11
4	17	13,77
5	12	13,64
6	12	11,25
7	5	7,941
8	4	4,904
9	0	2,69
10	2	1,328
11	1	0,596
12	3	0,245
13	2	0,093
14	0	0,033
15	0	0,011

Input data: HlapecK17_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 87
 Best method is
 Method 1 of 5
 Parameters:
 a = 5,87025362434077
 b = 2,96810576511612
 DF =8
 $X^2 = 7,2572$ $P(X^2) = 0,5092$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
16	0	0,003	1	5	4,194
17	0	0,001	2	6	8,295
18	0	0,00	3	11	12,27
19	0	0,00	4	21	14,5
20	0	0	5	14	14,26
21	0	0	6	7	12,02
22	1	0	7	10	8,852
			8	5	5,794
			9	4	3,412
			10	3	1,826
			11	1	1,576

Input data:
 HlapeckK18_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 21
 Best method is
 Method 3 of 5
 Parameters:
 a = 8,39138655281066
 b = 5,59425770187378
 DF =6

$X^2 = 8,1288$ $P(X^2) = 0,2288$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	2	1,453	1	21	70,17
2	3	2,18	2	86	73,22
3	1	2,774	3	96	72,55
4	3	3,066	4	110	68,42
5	2	2,993	5	65	61,57
6	6	2,618	6	51	52,98
7	1	2,074	7	34	43,67
8	0	1,501	8	22	34,54
9	1	1	9	20	26,26
10	0	0,617	10	14	19,22
11	1	0,355	11	12	13,56
12	0	0,191	12	14	9,238
13	1	0,178	13	2	6,081
			14	2	3,873

Input data:
 Valpet_3er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 561
 Best method is
 Method 4 of 5
 Parameters:
 a = 19,6118162394128
 b = 18,7938606200495
 DF =14

$X^2 = 93,9870$ $P(X^2) = 0,0000$

X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
15	4	2,389	1	4	2,389
16	3	1,429	2	14	15,75
17	2	0,829	3	24	16,63
18	0	0,467	4	18	16,89
19	1	0,256	5	15	16,53
20	0	0,137	6	21	15,61
21	2	0,14	7	18	14,24
			8	12	12,57
			9	9	10,74
			10	10	8,891
			11	9	7,142
			12	5	5,571
			13	0	4,223
			14	4	3,113
			15	1	2,234

Input data: P
 okljuk_3er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 169
 Best method is
 Method 4 of 5
 Parameters:
 a = 26,8880691774142
 b = 24,4721373786797
 DF =15

$X^2 = 20,9199$ $P(X^2) = 0,1394$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
16	1	1,561	16	1	1,561
17	0	1,064	17	0	1,064
18	2	0,707	18	2	0,707
19	0	0,458	19	0	0,458
20	0	0,29	20	0	0,29
21	0	0,179	21	0	0,179
22	0	0,108	22	0	0,108
23	1	0,064	23	1	0,064
24	1	0,083	24	1	0,083

Input data: Krpan_3er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 371
 Best method is
 Method 4 of 5

Parameters:
 a = 34,9808233281168
 b = 36,5648373306686
 DF =15
 $X^2 = 61,9680$ $P(X^2) = 0,0000$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	17	51,01	16	0	2,044	31	0	0,00
2	55	48,8	17	1	1,386	32	0	0,00
3	73	45,44	18	1	0,923	33	0	0,00
4	54	41,22	19	0	0,603	34	0	0,00
5	39	36,44	20	1	0,386	35	1	0,00
6	22	31,43	21	0	0,243			
7	21	26,45	22	0	0,15			
8	22	21,74	23	1	0,091			
9	15	17,45	24	0	0,055			
10	12	13,7	25	0	0,032			
11	18	10,52	26	0	0,019			
12	9	7,901	27	0	0,011			
13	1	5,811	28	0	0,006			
14	4	4,185	29	0	0,003			
15	4	2,954	30	0	0,002			

Input data:
 Mackova_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 109
 Best method is
 Method 1 of 5
 Parameters:
 a = 8,36411542852792
 b = 7,73467287978654
 DF =7
 X² = 3,5742 P(X²) = 0,8273

X[i]	F[i]	NP[i]
1	15	18,34
2	21	19,84
3	16	18,99
4	20	16,32
5	12	12,72
6	10	9,063
7	6	5,953
8	5	3,625
9	1	2,058
10	0	1,094
11	1	0,547
12	0	0,258
13	0	0,115
14	0	0,049
15	1	0,02
16	1	0,012

Input data:
 Ponkrcev_4er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 165
 Best method is
 Method 1 of 5
 min. size: 20
 a = 4,8955408133247
 b = 3,38388914928693
 DF =2
 X² = 5,3731 P(X²) = 0,0681

X[i]*	F[i]	NP[i]
1	14	20
2	41	28,93
3	38	32,31
4	26	29,38
5	14	22,53
6	16	14,94
7	7	8,723
8	1	4,551
9	5	2,145
10	2	0,923
11	1	0,564

Input data:
 PonkrcevK1_4er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 68
 Best method is
 Method 5 of 5
 Parameters:
 a = 3,99580023761029
 b = 2,43570234346909
 DF =5
 X² = 4,9080 P(X²) = 0,4272

X[i]#	F[i]	NP[i]
1	7	7,498
2	16	12,3
3	13	14,3
4	8	12,89
5	10	9,473
6	9	5,881
7	3	3,161
8	0	1,497
9	1	0,634
10	1	0,366

Input data: PonkrcevK2_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 38
 Best method is
 Method 5 of 5
 min. size: 3
 a = 2,66474858320702
 b = 1,62676206253213
 DF =2
 X² = 5,1649 P(X²) = 0,0756

X[i]	F[i]	NP[i]
1	1	5,6234
2	9	9,2115
3	12	9,3447
4	7	6,866
5	1	3,9544
6	2	1,8728
7	3	0,7531
8	1	0,2631
9	2	0,111

Input data: PonkrcevK3_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 59
 Best method is
 Method 1 of 5
 Parameters:
 a = 5,06830215374813
 b = 4,00402158362174
 DF =5
 X² = 7,7036 P(X²) = 0,1733

Input data: Hlapec_4er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 1383
 Best method is
 Method 3 of 5
 min. size: 60
 a = 5,02512654625095
 b = 3,78943969061547
 DF =4
 X² = 15,7435 P(X²) = 0,0034
 C = 0,0114

Input data: HlapecK1_4er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 43
 Best method is
 Method 3 of 5
 Parameters:
 a = 2,47063747726324
 b = 0,61765936931581
 DF =4
 X² = 7,6948 P(X²) = 0,1034

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	6	9,163	1	184	196,8	16	0	0,009	1	2	1,766
2	16	11,6	2	244	261	17	2	0,002	2	8	7,064
3	13	11,75	3	314	273,8	18	1	0,00	3	11	10,79
4	11	9,917	4	250	237,7	19	0	0,00	4	14	10,18
5	3	7,176	5	167	175,9	20	1	0	5	1	6,955
6	5	4,544	6	88	113,5	21	0	0	6	3	3,721
7	1	2,558	7	59	64,88	22	0	0	7	1	1,637
8	0	1,296	8	31	33,31	23	0	0	8	1	0,611
9	2	0,597	9	23	15,51	24	0	0	9	0	0,198
10	1	0,252	10	12	6,612	25	1	0	10	1	0,057
11	1	0,151	11	4	2,598				11	1	0,019
			12	0	0,947						
			13	2	0,322						
			14	0	0,102						
			15	0	0,031						

Input data: HlapecK2_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 82
 Best method is
 Method 1 of 5
 Parameters:
 a = 6,71745394426075
 b = 6,51894189891356
 DF =6
 X² = 3,8607 P(X²) = 0,6955

Input data: HlapecK3_4er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 85
 Best method is
 Method 3 of 5
 Parameters:
 a = 4,69768518882908
 b = 3,86868192021219
 DF =5
 X² = 4,7038 P(X²) = 0,4531

Input data: HlapecK4_4er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 57
 Best method is
 Method 1 of 5
 Parameters:
 a = 16,9875718996031
 b = 19,4059576060985
 DF =7
 X² = 9,1675 P(X²) = 0,2409

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	17	16,73	1	14	14,87	1	10	12,55	16	0	0,021
2	16	17,24	2	17	18,06	2	15	10,98	17	1	0,01
3	15	15,4	3	16	17,43	3	11	9,144	18	0	0,005
4	17	12,15	4	19	13,95	4	7	7,256	19	0	0,002
5	6	8,572	5	10	9,54	5	5	5,502	20	0	0,001
6	4	5,474	6	3	5,696	6	0	3,993	21	0	0,00
7	4	3,192	7	2	3,017	7	2	2,779	22	0	0,00
8	1	1,713	8	1	1,436	8	4	1,858	23	0	0,00
9	1	0,851	9	2	0,621	9	1	1,196	24	0	0
10	1	0,675	10	0	0,246	10	0	0,741	25	1	0
			11	0	0,09	11	0	0,443			
			12	0	0,03	12	0	0,256			
			13	1	0,014	13	0	0,143			
						14	0	0,077			
						15	0	0,041			

Input data: HlapecK5_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 80
 Best method is
 Method 1 of 5
 Parameters:
 a = 7,58190581592889
 b = 8,89288076577476
 DF =5
 X² = 1,5127 P(X²) = 0,9116

X[i]	F[i]	NP[i]
1	22	22,21
2	16	18,94
3	18	14,51
4	10	10,1
5	7	6,441
6	3	3,788
7	2	2,067
8	0	1,052
9	1	0,502
10	1	0,382

Input data: HlapecK6_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 75
 Best method is
 Method 4 of 5
 Parameters:
 a = 5,69211247371969
 b = 4,9497121489431
 DF =6
 X² = 10,9968 P(X²) = 0,0885

X[i]	F[i]	NP[i]
1	9	13,24
2	20	15,23
3	20	14,57
4	12	11,93
5	4	8,544
6	2	5,434
7	3	3,109
8	3	1,616
9	2	1,327

Input data: HlapecK7_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 71
 Best method is
 Method 1 of 5
 Parameters:
 a = 3,93530438587725
 b = 2,3848990457553
 DF =5
 X² = 2,9682 P(X²) = 0,7049

X[i]	F[i]	NP[i]
1	5	7,838
2	14	12,93
3	19	15,04
4	11	13,49
5	9	9,862
6	6	6,078
7	4	3,239
8	0	1,52
9	2	0,637
10	0	0,242
11	1	0,121

Input data: HlapecK8_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 107
 Best method is
 Method 1 of 5
 Parameters:
 a = 4,57132773824258
 b = 2,94002480081993
 DF =6
 X² = 4,9410 P(X²) = 0,5514

X[i]	F[i]	NP[i]
1	12	11,78
2	17	18,31
3	23	21,25
4	22	19,66
5	12	15,13
6	13	9,966
7	2	5,738
8	4	2,934
9	1	1,349
10	0	0,564
11	1	0,328

Input data: HlapecK9_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 60
 Best method is
 Method 3 of 5
 min. size: 5
 a = 2,5145417999485
 b = 0,314317724993563
 DF =2
 X² = 3,5903 P(X²) = 0,1661

X[i]	F[i]	NP[i]
1	0	0,903
2	8	7,224
3	18	13,82
4	10	15,02
5	10	11,39
6	3	6,641
7	10	3,142
8	0	1,251
9	1	0,606

Input data: HlapecK10_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 113
 Best method is
 Method 2 of 5
 Parameters:
 a = 6,12338294909341
 b = 6,73853301180006
 DF =5
 X² = 8,9041 P(X²) = 0,1129

X[i]	F[i]	NP[i]
1	32	29,72
2	20	27,01
3	23	21,37
4	17	14,97
5	15	9,416
6	4	5,369
7	0	2,801
8	0	1,346
9	0	0,6
10	2	0,4

Input data: HlapecK17_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 87
 Best method is
 Method 1 of 5
 Parameters:
 a = 3,09815921149849
 b = 1,28084404017917
 DF =5
 $X^2 = 6,3046$ $P(X^2) = 0,2777$

X[i]	F[i]	NP[i]	X[i]*
1	7	6,021	1
2	10	14,56	2
3	26	19,78	3
4	19	18,68	4
5	9	13,52	5
6	8	7,932	6
7	6	3,913	7
8	1	1,665	8
9	1	0,916	9
			10

Input data: HlapecK18_4er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 21
 Best method is
 Method 2 of 5
 Parameters:
 a = 8,28008719232064
 b = 7,17095786572782
 DF =5
 $X^2 = 4,5669$ $P(X^2) = 0,4710$

X[i]#	F[i]	NP[i]
1	44	94,87
2	131	98,4
3	138	92,81
4	82	80,27
5	53	64,09
6	37	47,53
7	24	32,9
8	18	21,35
9	18	13,05
10	2	7,529
11	6	4,116
12	3	2,138
13	2	1,058
14	1	0,5
15	0	0,226

Input data: Valpet_4er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 561
 Best method is
 Method 4 of 5
 Parameters:
 a = 10,4060789018711
 b = 10,0325999154109
 DF =10
 $X^2 = 79,2315$ $P(X^2) = 0,0000$

X[i]	F[i]	NP[i]
16	2	0,165

Input data: Pokljuk_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 169
 Best method is
 Method 5 of 5
 Parameters:
 a = 10,0840763925849
 b = 7,52361966373675
 DF =10
 $X^2 = 15,9015$ $P(X^2) = 0,1025$

X[i]	F[i]	NP[i]	X[i]
1	7	13,99	16
2	24	18,75	17
3	29	22,18	18
4	23	23,49	
5	24	22,51	
6	19	19,7	
7	10	15,86	
8	13	11,83	
9	10	8,211	
10	1	5,334	
11	4	3,255	
12	1	1,873	
13	0	1,02	
14	2	0,527	
15	0	0,259	

Input data: Krpan_4er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 371
 Best method is
 Method 4 of 5
 Parameters:
 a = 18,2383737275929
 b = 19,3408913939031
 DF =12
 $X^2 = 39,3108$ $P(X^2) = 0,0001$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	39	65,95	16	0	0,327
2	76	62,19	17	1	0,174
3	84	55,76	18	0	0,09
4	44	47,65	19	0	0,045
5	32	38,9	20	0	0,022
6	28	30,4	21	0	0,01
7	22	22,78	22	0	0,005
8	18	16,39	23	0	0,002
9	14	11,35	24	0	0,001
10	2	7,572	25	0	0,00
11	6	4,873	26	0	0,00
12	1	3,029	27	1	0,00
13	1	1,821			
14	1	1,06			
15	1	0,598			

Input data: Mackova_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 109
 Best method is
 Method 3 of 5
 Parameters:
 a = 5,79858414239482
 b = 5,27144012944984
 DF =6
 $X^2 = 3,9622$ $P(X^2) = 0,6818$

X[i]	F[i]	NP[i]
1	20	20,8
2	22	22,88
3	26	21,16
4	16	16,87
5	13	11,83
6	5	7,397
7	3	4,176
8	1	2,148
9	1	1,015
10	0	0,444
11	0	0,18
12	1	0,068
13	1	0,036

Input data: Ponkrcev_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 165
 Best method is
 Method 1 of 5
 Parameters:
 a = 3,28925072242294
 b = 2,46958650118987
 DF =5
 $X^2 = 10,6078$ $P(X^2) = 0,0597$

X[i]	F[i]	NP[i]
1	25	29,65
2	52	39,49
3	37	37,44
4	19	27,55
5	18	16,57
6	5	8,424
7	6	3,71
8	2	1,441
9	1	0,718

Input data: PonkrcevK1_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 68
 Best method is
 Method 1 of 5
 Parameters:
 a = 3,12568160813309
 b = 2,31288123844732
 DF =4
 $X^2 = 3,9107$ $P(X^2) = 0,4182$

X[i]	F[i]	NP[i]
1	12	12,27
2	20	16,58
3	12	15,64
4	10	11,34
5	10	6,67
6	2	3,303
7	1	1,412
8	1	0,783

Input data:
 PonkrecevK2_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 38
 Best method is
 Method 1 of 5
 min. size:5
 a = 1,88643911439114
 b = 1,17527675276753
 DF =1
 $X^2 = 3,1098$ $P(X^2) = 0,0778$

X[i]	F[i]	NP[i]
1	3	7,051
2	14	11,32
3	11	9,814
4	2	5,831
5	3	2,634
6	2	0,96
7	3	0,393

Input data:
 PonkrcevK3_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 59
 Best method is
 Method 4 of 5
 Parameters:
 a = 4,69695202835422
 b = 4,35826384731535
 DF =5
 $X^2 = 4,8630$ $P(X^2) = 0,4328$

X[i]	F[i]	NP[i]
10	12,73	
2	18	13,72
3	14	12,02
4	7	8,882
5	5	5,669
6	1	3,186
7	2	1,599
8	1	0,725
9	1	0,473
10	1	
11	1	
12	0	0,059
13	1	0,013
14	1	0,003
15	1	0

Input data: Hlapec_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 1383
 Best method is
 Method 3 of 5
 min. size: 5
 a = 2,98333285220134
 b = 2,20053414462664
 DF =3
 $X^2 = 5,5965$ $P(X^2) = 0,1330$
 C = 0,0040

X[i]	F[i]	NP[i]
16	1	0
17	0	0
18	0	0
19	0	0
20	1	0
254,4		
344,9		
321,5		
228,3		
131		
63,02		
26,11		
9,499		
3,08		
0,901		
0,24		
0,059		
0,013		
0,003		
0		

Input data: HlapecK1_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 43
 Best method is
 Method 3 of 5
 Parameters:
 a = 1,43872113676732
 b = 0,191829484902309
 DF =3
 X² = 6,5703 P(X²) = 0,0869

X[i]	F[i]	NP[i]
1	2	1,568
2	15	11,76
3	15	14,2
4	4	9,319
5	3	4,2
6	1	1,442
7	1	0,4
8	1	0,093
9	1	0,022

Input data: HlapecK2_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 82
 Best method is
 Method 2 of 5
 Parameters:
 a = 3,97333292079207
 b = 3,96673886138613
 DF =4
 X² = 0,9324 P(X²) = 0,9199

X[i]	F[i]	NP[i]
1	20	21,02
2	23	21,05
3	17	16,84
4	11	11,22
5	6	6,397
6	2	3,19
7	2	1,414
8	1	0,864

Input data: HlapecK3_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 85
 Best method is
 Method 2 of 5
 Parameters:
 a = 5,60852723459421
 b = 6,24598848821926
 DF =5
 X² = 10,8354 P(X²) = 0,0547

X[i]	F[i]	NP[i]
1	22	23,3
2	15	20,92
3	24	16,19
4	15	11,01
5	4	6,681
6	1	3,657
7	3	1,824
8	0	0,835
9	0	0,354
10	1	0,216

Input data: HlapecK4_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 57
 Best method is
 Method 1 of 5
 Parameters:
 a = 11,5745426573311
 b = 14,5334170843358
 DF =5
 X² = 11,5765 P(X²) = 0,0411

X[i]	F[i]	NP[i]
1	14	16,42
2	19	13,08
3	9	9,747
4	6	6,824
5	0	4,505
6	6	2,813
7	1	1,667
8	0	0,94
9	0	0,505
10	0	0,259
11	0	0,128
12	0	0,06
13	1	0,027
14	0	0,012
15	0	0,005

Input data: HlapecK5_5er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 80
 Best method is
 Method 2 of 5
 Parameters:
 a = 4,84939251025187
 b = 5,98102837400317
 DF =4
 X² = 2,8396 P(X²) = 0,5850

X[i]	F[i]	NP[i]
0	0,002	
0	0,00	
0	0,00	
0	0,00	
1	0,00	
6	1	
7	1	
8	1	

Input data: HlapecK6_5er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 75
 Best method is
 Method 3 of 5
 min. size: 5
 a = 1,16018535427319
 b = 0,520083089846604
 DF =1
 X² = 0,6318 P(X²) = 0,4267

X[i]	F[i]	NP[i]
1	29	26,18
2	18	21,23
3	14	14,75
4	12	8,96
5	4	4,838
6	1	2,351
7	1	1,038
8	1	0,657

Input data: HlapecK7_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 71
 Best method is
 Method 5 of 5
 Parameters:
 a = 2,99159884132885
 b = 2,08128921239174
 DF =4
 $X^2 = 1,3685$ $P(X^2) = 0,8497$

X[i]	F[i]	NP[i]
1	11	11,94
2	19	17,16
3	17	16,66
4	11	12,21
5	8	7,19
6	2	3,537
7	2	1,494
8	0	0,553
9	1	0,256

Input data: HlapecK8_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 107
 Best method is
 Method 5 of 5
 Parameters:
 a = 2,76245651287761
 b = 1,66140417664492
 DF =5
 $X^2 = 5,2796$ $P(X^2) = 0,3827$

X[i]	F[i]	NP[i]
1	14	15,12
2	28	25,14
3	28	26,1
4	16	19,69
5	14	11,67
6	2	5,694
7	4	2,361
8	0	0,851
9	1	0,375

Input data: HlapecK9_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 60
 Best method is
 Method 4 of 5
 Parameters:
 a = 1,74613186379811
 b = 0,208071628216176
 DF =4
 $X^2 = 4,2651$ $P(X^2) = 0,3713$

X[i]	F[i]	NP[i]
1	1	1,519
2	17	12,75
3	13	18,43
4	15	14,57
5	8	7,932
6	5	3,291
7	1	1,509

Input data: HlapecK10_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 113
 Best method is
 Method 2 of 5
 Parameters:
 a = 4,06526706388143
 b = 5,01956091466173
 DF =4
 $X^2 = 8,0819$ $P(X^2) = 0,0886$

X[i]	F[i]	NP[i]	X[i]*
1	41	38,28	1
2	24	31	2
3	25	20,94	3
4	17	12,13	4
5	4	6,147	5
6	0	2,77	6
7	0	1,124	7
8	2	0,616	

Input data: HlapecK11_5er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 75
 Best method is
 Method 1 of 5
 Parameters:
 a = 2,03049560546875
 b = 1,17308044433594
 DF =4
 $X^2 = 5,3794$ $P(X^2) = 0,2505$

X[i]	F[i]	NP[i]	X[i]#	F[i]
1	15	12,15	1	13
2	14	21,03	2	19
3	25	19,65	3	18
4	13	12,57	4	11
5	4	6,118	5	9
6	3	2,401	6	5
7	1	1,084	7	2
8			8	1
9			9	1
10			10	0

Input data: HlapecK12_5er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 80
 Best method is
 Method 1 of 5
 Parameters:
 a = 6,20404429934611
 b = 5,88844900015207
 DF =6
 $X^2 = 2,3597$ $P(X^2) = 0,8838$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
11	0	0,14			
12	0	0,055			
13	0	0,02			
14	0	0,007			
15	0	0,002			
16	1	0,001			

Input data: Valpet_5er.dat
 Distribution: Hyperpoisson (a,b)
 Sample size: 561
 Best method is
 Method 4 of 5
 Parameters:
 a = 6,02100742914636
 b = 5,70496858862765
 DF =8
 X² = 49,4623 P(X²) = 0,0000

Input data: Pokljuk_5er.dat*
 Distribution: Hyperpoisson (a,b)
 Sample size: 169
 Best method is
 Method 1 of 5
 Parameters:
 a = 5,25961454217535
 b = 3,54390756566122
 DF =5
 X² = 9,8934 P(X²) = 0,0783

Input data: Krpan_5er.dat#
 Distribution: Hyperpoisson (a,b)
 Sample size: 371
 Best method is
 Method 5 of 5
 Parameters:
 a = 8,51814158038017
 b = 8,65215240141848
 DF =8
 X² = 39,8123 P(X²) = 0,0000

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	81	114	1	10	18,37	1	54	76,22	16	0	0,015
2	151	120,3	2	37	27,27	2	108	75,04	17	0	0,006
3	146	108,1	3	28	31,56	3	76	66,23	18	0	0,002
4	70	84,45	4	32	29,94	4	37	52,96	19	0	0,00
5	48	58,41	5	19	24,06	5	35	38,72	20	0	0,00
6	23	36,24	6	19	16,78	6	20	26,07	21	0	0,00
7	23	20,38	7	13	10,33	7	25	16,26	22	1	0
8	5	10,49	8	2	5,692	8	4	9,455			
9	6	4,969	9	4	2,839	9	7	5,145			
10	4	2,183	10	1	1,294	10	1	2,632			
11	1	0,894	11	2	0,542	11	1	1,27			
12	1	0,343	12	0	0,211	12	1	0,58			
13	2	0,185	13	0	0,076	13	0	0,251			
			14	2	0,037	14	1	0,104			
						15	0	0,041			

Input data: Hlapec_1er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 1383
 Best method is
 Method 1 of 2
 Parameters:
 k = 2,11988551942191
 m = 1,01166725504358
 q = 0,856802229717187
 DF =50

Input data: HlapecK5_1er.dat*
 Distribution: Hyperpascal (k,m,q)
 Sample size: 80
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,869672006660518
 m = 0,103877007383939
 q = 0,816743829861052
 DF =19

X ² = 96,5008			P(X ²) = 0,0001			C = 0,0698			X ² = 26,6626			P(X ²) = 0,1128	
X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]		
1	24	23,23	41	3	2,77	81	0	0,012	1	1	0,619		
2	43	41,7	42	0	2,437	82	0	0,011	2	7	4,233		
3	57	55,41	43	1	2,143	83	0	0,009	3	10	5,856		
4	60	64,95	44	0	1,884	84	0	0,008	4	4	6,524		
5	69	71,02	45	0	1,655	85	0	0,007	5	7	6,643		
6	56	74,31	46	0	1,453	86	0	0,006	6	2	6,438		
7	64	75,4	47	0	1,275	87	0	0,005	7	3	6,047		
8	55	74,82	48	0	1,118	88	0	0,005	8	4	5,558		
9	71	72,97	49	0	0,98	89	0	0,004	9	8	5,029		
10	97	70,21	50	1	0,859	90	0	0,003	10	1	4,496		
11	64	66,81	51	1	0,752	91	0	0,003	11	5	3,981		
12	82	63,01	52	0	0,658	92	0	0,003	12	4	3,498		
13	72	58,97	53	0	0,576	93	0	0,002	13	4	3,054		
14	59	54,83	54	0	0,504	94	0	0,002	14	0	2,652		
15	65	50,69	55	0	0,441	95	0	0,002	15	1	2,292		
16	54	46,64	56	0	0,385	96	0	0,001	16	5	1,974		
17	38	42,72	57	0	0,336	97	1	0,009	17	2	1,694		
18	61	38,99	58	0	0,294				18	3	1,449		
19	36	35,46	59	0	0,257				19	1	1,237		
20	32	32,16	60	0	0,224				20	1	1,053		
21	26	29,08	61	0	0,195				21	2	0,894		
22	28	26,23	62	0	0,171				22	0	0,758		
23	18	23,6	63	0	0,149				23	0	0,642		
24	16	21,2	64	0	0,13				24	1	0,542		
25	23	19	65	1	0,113				25	1	0,458		
26	13	17	66	1	0,099				26	0	0,386		
27	15	15,19	67	0	0,086				27	1	0,325		
28	8	13,55	68	0	0,075				28	0	0,273		
29	9	12,07	69	0	0,065				29	0	0,229		
30	8	10,73	70	0	0,057				30	0	0,192		
31	8	9,535	71	0	0,049				31	0	0,161		
32	6	8,462	72	1	0,043				32	0	0,135		
33	4	7,501	73	0	0,037				33	0	0,113		
34	4	6,643	74	0	0,033				34	1	0,095		
35	11	5,877	75	0	0,028				35	0	0,079		
36	4	5,195	76	0	0,025				36	0	0,066		
37	2	4,588	77	0	0,021				37	1	0,328		
38	2	4,049	78	1	0,019								
39	4	3,57	79	0	0,016								
40	4	3,146	80	0	0,014								

Input data: Krpan_1er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 371
 Best method is
 Method 1 of 2

Parameters:
 k = 3,56626951051053
 m = 0,582282252631134
 q = 0,780447681872772
 DF =36
 $X^2 = 154,1571$ $P(X^2) = 0,0000$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	0	0,389	41	1	0,557	81	0	0,00
2	5	1,86	42	2	0,466	82	0	0,00
3	12	4,19	43	1	0,39	83	0	0,00
4	22	7,048	44	2	0,326	84	0	0,00
5	15	10,08	45	1	0,272	85	0	0,00
6	18	12,99	46	0	0,226	86	0	0,00
7	23	15,56	47	0	0,188	87	0	0,00
8	20	17,65	48	0	0,156	88	0	0
9	30	19,2	49	1	0,13	89	0	0
10	17	20,19	50	0	0,107	90	0	0
11	15	20,67	51	0	0,089	91	0	0
12	22	20,68	52	0	0,073	92	0	0
13	12	20,29	53	0	0,061	93	0	0
14	17	19,59	54	1	0,05	94	0	0
15	10	18,65	55	0	0,041	95	0	0
16	5	17,54	56	0	0,034	96	0	0
17	4	16,31	57	0	0,028	97	0	0
18	13	15,02	58	1	0,023	98	0	0
19	5	13,71	59	0	0,019	99	0	0
20	10	12,42	60	0	0,015	100	0	0
21	6	11,17	61	0	0,013	101	0	0
22	13	9,979	62	0	0,01	102	0	0
23	4	8,865	63	0	0,009	103	0	0
24	5	7,833	64	0	0,007	104	0	0
25	7	6,887	65	0	0,006	105	0	0
26	4	6,027	66	0	0,005	106	1	0
27	4	5,253	67	0	0,004			
28	7	4,56	68	1	0,003			
29	2	3,944	69	0	0,003			
30	3	3,399	70	0	0,002			
31	7	2,92	71	0	0,002			
32	6	2,502	72	0	0,001			
33	5	2,137	73	0	0,001			
34	5	1,82	74	0	0,00			
35	2	1,547	75	0	0,00			
36	2	1,312	76	0	0,00			
37	1	1,109	77	0	0,00			
38	0	0,936	78	0	0,00			
39	0	0,789	79	0	0,00			
40	1	0,663	80	0	0,00			

Input data:
 Ponkrcev_2er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 165
 Best method is
 Method 1 of 2
 Parameters:
 k = 15,018109880637
 m = 1,36395213831297
 q = 0,291459747091348
 DF =11

$X^2 = 67,2502$ $P(X^2) = 0,0000$

X[i]	F[i]	NP[i]
1	3	2,004
2	11	6,431
3	26	12,7
4	15	18,73
5	22	22,53
6	16	23,29
7	17	21,35
8	9	17,76
9	12	13,63
10	2	9,763
11	7	6,594
12	9	4,231
13	5	2,595
14	2	1,529
15	0	0,869
16	1	0,479
17	4	0,256
18	1	0,133
19	1	0,068
20	1	0,034
21	1	0,031

Input data:
 PonkrcevK1_2er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 68
 Best method is
 Method 1 of 2
 Parameters:
 k = 10,0228875620933
 m = 1,79492110925702
 q = 0,415972544934588
 DF =10

$X^2 = 18,2271$ $P(X^2) = 0,0513$

X[i]	F[i]	NP[i]
1	2	1,483
2	5	3,445
3	9	5,651
4	7	7,448
5	9	8,414
6	4	8,47
7	6	7,789
8	2	6,66
9	9	5,362
10	1	4,104
11	4	3,009
12	5	2,125
13	3	1,452
14	0	0,964
15	0	0,624
16	0	0,395
17	1	0,245
18	0	0,149
19	0	0,089
20	1	0,122

Input data:
 PonkrcevK2_2er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 38
 Best method is
 Method 2 of 2
 Parameters:
 k = 1,34087856651476
 m = 1,19324426419377
 q = 0,833730391349494
 DF =10

$X^2 = 22,7557$ $P(X^2) = 0,0117$

X[i]	F[i]	NP[i]
1	0	4,98
2	1	4,666
3	6	4,152
4	3	3,622
5	7	3,126
6	5	2,68
7	5	2,288
8	2	1,947
9	0	1,652
10	1	1,4
11	2	1,184
12	0	1
13	2	0,844
14	1	0,711
15	0	0,599
16	1	0,505
17	1	0,424
18	1	2,22

Input data: PonkrcevK3_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 59
 Method 1 of 2
 min. size: 9
 k = 4,84473590618207
 m = 0,531451649928799
 q = 0,494199793443128
 DF = 1
 X² = 3,0357 P(X²) = 0,0815

X[i]	F[i]	NP[i]	X[i]*
1	1	0,643	1
2	5	2,896	2
3	11	5,462	3
4	5	7,298	4
5	6	8,012	5
6	7	7,728	6
7	6	6,798	7
8	5	5,578	8
9	3	4,335	9
10	0	3,226	10
11	1	2,316	11
12	4	1,613	12
13	0	1,095	13
14	1	0,728	14
15	0	0,474	15
16	0	0,304	16
17	2	0,192	17
18	0	0,12	18
19	1	0,074	19
20	0	0,045	20
21	1	0,066	21

Input data: Hlapec_2er.dat*
 Distribution: Hyperpascal (k,m,q)
 Sample size: 1383
 Method 1 of 2
 k = 1,01678383013866
 m = 0,448631971537003
 q = 0,786661967608019
 DF = 29
 X² = 95,6978 P(X²) = 0,0000
 C = 0,0692

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
22	1	5,658	43	0	0,054						
23	0	4,569	44	0	0,043						
24	0	3,685	45	0	0,034						
25	1	2,969	46	0	0,027						
26	1	2,39	47	0	0,022						
27	0	1,922	48	0	0,017						
28	0	1,545	49	1	0,068						
29	0	1,24									
30	0	0,995									
31	0	0,798									
32	0	0,639									
33	2	0,512									
34	0	0,41									
35	0	0,328									
36	1	0,262									
37	0	0,21									
38	0	0,167									
39	1	0,134									
40	0	0,107									
41	0	0,085									
42	0	0,068									

Input data: HlapecK1_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 43
 Best method is
 Method 1 of 2
 k = 0,671839778689461
 m = 1,03733170781144
 q = 0,898599198964613
 DF = 11
 X² = 61,7284 P(X²) = 0,0000

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	2	9,862	11	2	1,049
2	0	5,739	12	1	0,912
3	3	4,232	13	0	0,794
4	5	3,345	14	1	0,694
5	7	2,734	15	0	0,607
6	4	2,279	16	1	0,532
7	10	1,924	17	0	0,468
8	4	1,639	18	0	0,411
9	0	1,406	19	0	0,362
10	1	1,212	20	1	0,319
			21	1	2,48

Input data: HlapecK2_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 82
 Best method is
 Method 1 of 2
 k = 0,390832158079485
 m = 0,0983979427834346
 q = 0,780317468300394
 DF = 13
 X² = 9,2088 P(X²) = 0,7570

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	4	3,656	11	2	2,537
2	13	11,33	12	2	2,037
3	7	11,2	13	2	1,631
4	9	9,955	14	2	1,304
5	10	8,501	15	0	1,04
6	5	7,107	16	1	0,828
7	9	5,864	17	0	0,659
8	8	4,795	18	1	0,524
9	2	3,896	19	0	0,416
10	4	3,15	20	1	1,573

Input data: Hlapeck9_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 60
 Best method is
 Method 2 of 2
 Parameters:
 k = 1,32388663064492
 m = 1,17562385738611
 q = 0,871974871467011
 DF =14
 $X^2 = 71,4439$ $P(X^2) = 0,0000$

X[i]	F[i]	NP[i]
1	0	5,817
2	0	5,712
3	5	5,32
4	3	4,855
5	10	4,384
6	8	3,932
7	1	3,511
8	9	3,125
9	4	2,774
10	6	2,458

Input data: Hlapeck10_2er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 113
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,0505276941908728
 m = 0,0300060733231673
 q = 0,816565704294067
 DF =14
 $X^2 = 28,5100$ $P(X^2) = 0,0122$

X[i]	F[i]	NP[i]
1	14	12,9
2	18	17,74
3	14	14,78
4	6	12,19
5	13	10,02
6	10	8,224
7	5	6,743
8	12	5,525
9	9	4,525
10	6	3,704

Input data:
 Hlapeck11_2er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 75
 Best method is
 Method 1 of 2
 k = 0,906024183442589
 m = 1,02655800667818
 q = 0,867774278278621
 DF =12
 $X^2 = 47,0939$ $P(X^2) = 0,0000$

X[i]	F[i]	NP[i]
1	6	12,61
2	4	9,654
3	6	7,879
4	7	6,565
5	6	5,527
6	9	4,681
7	13	3,981
8	4	3,395
9	8	2,902
10	4	2,485
11	2	2,13
12	2	1,828
13	1	1,571
14	1	1,35
15	1	1,162
16	0	1
17	1	6,287

Input data:
 Hlapeck12_2er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 80
 Best method is
 Method 1 of 2
 k = 0,430756801145236
 m = 0,159040821714339
 q = 0,832233828208125
 DF =17
 $X^2 = 12,6089$ $P(X^2) = 0,7619$

X[i]	F[i]	NP[i]
1	1	0,592
2	0	0,499
3	0	0,421
4	0	0,355
5	0	0,299
6	0	0,251
7	0	0,211
8	0	0,178
9	0	0,149
10	0	0,126
11	0	0,106
12	0	0,089
13	0	0,074
14	0	0,062
15	0	0,052
16	0	0,044
17	0	0,037
18	0	0,031
19	1	0,159
20	0	0,702

Input data:
 Hlapeck13_2er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 119
 Best method is
 Method 1 of 2
 k = 0,113145661005151
 m = 0,0382347908439478
 q = 0,838486301853423
 DF =18
 $X^2 = 17,8938$ $P(X^2) = 0,4627$

X[i]	F[i]	NP[i]
1	5	6,413
2	12	15,91
3	9	14,31
4	14	12,44
5	10	10,68
6	15	9,125
7	11	7,765
8	7	6,591
9	8	5,586
10	7	4,727
11	5	3,996
12	3	3,376
13	5	2,85
14	2	2,405
15	2	2,028
16	1	1,709
17	1	1,44
18	0	1,213
19	0	1,022
20	1	0,86

Input data: HlapecK17_2er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 87
 Best method is
 Method 1 of 2
 Parameters:
 k = 1,42423872808686
 m = 0,800673862546246
 q = 0,798836401014297
 DF =13

$X^2 = 34,4436$ $P(X^2) = 0,0010$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
1	3	5,67	1	10	8,234
2	4	8,057	2	34	26,24
3	4	8,665	3	63	44,5
4	6	8,463	4	68	57,55
5	15	7,87	5	57	63,64
6	11	7,103	6	81	63,5
7	9	6,284	7	46	58,87
8	10	5,48	8	36	51,66
9	2	4,728	9	34	43,44
10	7	4,044	10	19	35,29
11	6	3,436	11	26	27,88
12	2	2,904	12	11	21,51
13	2	2,442	13	16	16,27
14	4	2,046	14	8	12,09
15	1	1,708	15	10	8,86
16	0	1,422	16	8	6,407
17	1	6,677	17	12	4,579

Input data: Valpet_2er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 561
 Best method is
 Method 1 of 2
 Parameters:
 k = 3,97500427459098
 m = 0,739485872702868
 q = 0,592920661681643
 DF =13

$X^2 = 61,7897$ $P(X^2) = 0,0000$

X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	6	3,24	1	1	0,961
2	1	2,272	2	6	5,598
3	1	1,579	3	11	9,834
4	2	1,09	4	13	12,82
5	4	0,747	5	16	14,47
6	1	0,509	6	13	15
7	2	0,345	7	8	14,69
8	1	0,232	8	15	13,82
9	1	0,156	9	13	12,61
10	0	0,104	10	11	11,24
11	1	0,069	11	11	9,827
12	0	0,046	12	8	8,461
13	0	0,03	13	5	7,191
14	1	0,02	14	5	6,045
15	1	0,037	15	9	5,034
16			16	4	4,158
17			17	7	3,41
18			18	3	2,779
19			19	0	2,252
20			20	1	1,816

Input data: Pokljuk_2er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 169
 Best method is
 Method 1 of 2
 Parameters:
 k = 1,98319323041494
 m = 0,250619817702251
 q = 0,73647169067442
 DF =20

$X^2 = 16,8968$ $P(X^2) = 0,6597$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	1	0,961	21	3	1,458
2	6	5,598	22	1	1,166
3	11	9,834	23	0	0,929
4	13	12,82	24	1	0,737
5	16	14,47	25	0	0,583
6	13	15	26	0	0,46
7	8	14,69	27	2	0,362
8	15	13,82	28	0	0,284
9	13	12,61	29	0	0,223
10	11	11,24	30	0	0,174
11	11	9,827	31	0	0,136
12	8	8,461	32	0	0,106
13	5	7,191	33	0	0,082
14	5	6,045	34	0	0,064
15	9	5,034	35	2	0,216
16	4	4,158			
17	7	3,41			
18	3	2,779			
19	0	2,252			
20	1	1,816			

Input data: Krpan_2er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 371
 Best method is
 Method 1 of 2

Parameters:
 k = 0,193325580717618
 m = 0,0236937071406667
 q = 0,839050450069919
 DF =26
 $X^2 = 38,4820$ $P(X^2) = 0,0546$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	6,316	21	3	2,739
2	34	43,24	22	3	2,318
3	33	42,29	23	1	1,96
4	43	38,46	24	0	1,658
5	47	34,08	25	1	1,401
6	37	29,8	26	0	1,184
7	29	25,85	27	1	1
8	15	22,3	28	0	0,845
9	17	19,16	29	1	0,713
10	15	16,42	30	0	0,602
11	19	14,03	31	0	0,508
12	9	11,98	32	0	0,429
13	11	10,2	33	0	0,362
14	11	8,681	34	1	0,305

15	5	7,379	35	0	0,257
16	13	6,266	36	0	0,217
17	10	5,317	37	0	0,183
18	4	4,508	38	0	0,154
19	1	3,82	39	0	0,13
20	1	3,236	40	0	0,11

Input data:
Mackova_3er.dat
Distribution: Hyperpascal
(k,m,q)
Sample size: 109
Best method is
Method 2 of 2
Parameters:
k = 0,0160371153981705
m = 0,00364988112071868
q = 0,782580695391863
DF =13

X² = 12,5255 P(X²) = 0,4851

X[i]	F[i]	NP[i]	X[i]
1	6	6,368	16
2	20	21,9	17
3	15	17,35	18
4	11	13,66	19
5	16	10,73	20
6	12	8,426	21
7	5	6,611	
8	9	5,184	
9	5	4,064	
10	3	3,185	
11	3	2,496	
12	1	1,956	
13	0	1,532	
14	1	1,201	
15	0	0,94	

Input data:
Ponkrcev_3er.dat*
Distribution: Hyperpascal
(k,m,q)
Sample size: 165
Best method is
Method 1 of 2
Parameters:
k = 0,0992373683805537
m = 0,0123786256774265
q = 0,741293558442327
DF =10

X² = 16,4044 P(X²) = 0,0886

X[i]*	F[i]	NP[i]	X[i]*
1	6	0,737	1
2	34	0,577	2
3	26	0,452	3
4	27	0,354	4
5	21	0,277	5
6	17	1	6
7	5		7
8	13		8
9	6		9
10	1		10
11	5		11
12	1		12
13	1		13
14	2		14

Input data:
PonkrcevK1_3er.dat#
Distribution: Hyperpascal
(k,m,q)
Sample size: 68
Best method is
Method 1 of 2
Parameters:
k = 1,56407048220579
m = 0,433755284553062
q = 0,610468457212397
DF =8

X² = 8,4335 P(X²) = 0,3923

X[i]#	F[i]	NP[i]	X[i]#
1	5	4,832	1
2	11	10,64	2
3	12	11,61	3
4	8	10,38	4
5	8	8,424	5
6	9	6,453	6
7	3	4,759	7
8	7	3,416	8
9	3	2,402	9
10	0	1,663	10
11	1	1,137	11
12	0	0,769	12
13	0	0,516	13
14	1	1	14

Input data:
PonkrcevK2_3er.dat
Distribution: Hyperpascal
(k,m,q)
Sample size: 38
Best method is
Method 1 of 2
Parameters:
k = 0,592703917683652
m = 0,0564151899068926
q = 0,675803454018985
DF =6

X² = 5,8541 P(X²) = 0,4397

X[i]*	F[i]	NP[i]	X[i]*
1	0	0,945	1
2	7	6,71	2
3	7	6,837	3
4	8	5,825	4
5	6	4,627	5

Input data:
PonkrcevK3_3er.dat*
Distribution: Hyperpascal
(k,m,q)
Sample size: 59
Best method is
Method 1 of 2
Parameters:
k = 0,390664475395066
m = 0,0188562933918157
q = 0,676946129940509
DF =7

X² = 11,6459 P(X²) = 0,1128

X[i]#	F[i]	NP[i]	X[i]#
1	124	0,884	1
2	185	12,4	2
3	190	11,46	3
4	243	9,185	4
5	196	6,984	5

Input data: Hlapec_3er.dat#
Distribution: Hyperpascal
(k,m,q)
Sample size: 1383
Best method is
Method 1 of 2
Parameters:
k = 1,92992107432795
m = 0,831015300898058
q = 0,645326557065088
DF =18

X² = 67,5545 P(X²) = 0,0000

X[i]	F[i]	NP[i]	X[i]
21	0	0,708	21
22	2	0,481	22
23	0	0,326	23
24	1	0,221	24
25	0	0,149	25

6	1	3,541	6	7	5,165	6	153	125,4	26	1	0,1
7	2	2,647	7	0	3,755	7	94	96,19	27	0	0,068
8	1	1,947	8	5	2,699	8	62	72,06	28	0	0,045
9	3	1,416	9	0	1,924	9	51	53,03	29	0	0,03
10	0	1,02	10	1	1,363	10	25	38,48	30	0	0,02
11	2	0,731	11	2	0,961	11	18	27,61	31	0	0,014
12	1	1,755	12	0	0,674	12	19	19,62	32	0	0,009
			13	1	0,472	13	8	13,84	33	1	0,018
			14	1	1,076	14	7	9,695			
						15	1	6,754			
						16	0	4,681			
						17	2	3,231			
						18	0	2,221			
						19	0	1,522			
						20	0	1,039			

Input data: HlapecK2_3er.dat
Distribution: Hyperpascal
(k,m,q)
Sample size: 82
Best method is
Method 1 of 2
Parameters:
k = 0,639312030344486
m = 0,255634322112268
q = 0,68064746462503
DF =9
 $X^2 = 2,4019$ $P(X^2) = 0,9834$

X[i]	F[i]	NP[i]	X[i]*
1	9	9,373	1
2	15	15,96	2
3	13	14,18	3
4	11	11,29	4
5	12	8,592	5
6	7	6,375	6
7	5	4,656	7
8	3	3,364	8
9	3	2,41	9
10	1	1,717	10
11	1	1,217	11
12	1	0,859	12
13	0	0,605	13
14	1	1,405	14
			15

Input data: HlapecK3_3er.dat*
Distribution: Hyperpascal
(k,m,q)
Sample size: 85
Best method is
Method 1 of 2
Parameters:
k = 0,545386693896343
m = 0,145826936911338
q = 0,674735690713126
DF =9
 $X^2 = 19,5287$ $P(X^2) = 0,0211$

F[i]	NP[i]	X[i]	F[i]
7	6,707	16	0
20	16,93	17	1
7	15,4		
13	12,33		
14	9,375		
14	6,935		
2	5,043		
2	3,624		
2	2,582		
0	1,827		
1	1,287		
2	0,903		
0	0,631		
0	0,44		
0	0,306		

Input data: HlapecK5_3er.dat#
Distribution: Hyperpascal
(k,m,q)
Sample size: 80
Best method is
Method 1 of 2
Parameters:
k = 1,40059253903426
m = 1,27075407462891
q = 0,72086911891753
DF =8
 $X^2 = 10,6937$ $P(X^2) = 0,2197$

X[i]#	F[i]	NP[i]
1	18	19,41
2	13	15,42
3	15	11,75
4	10	8,81
5	5	6,544
6	10	4,834
7	4	3,557
8	1	2,61
9	2	1,911
10	0	1,397
11	0	1,02
12	1	0,743
13	1	1,983

Input data: HlapecK6_3er.dat
Distribution: Hyperpascal
(k,m,q)
Sample size: 75
Best method is
Method 1 of 2
Parameters:
k = 1,23630355911808
m = 0,266100742872967
q = 0,591374311156258
DF =7

Input data: HlapecK7_3er.dat*
Distribution: Hyperpascal
(k,m,q)
Sample size: 71
Best method is
Method 1 of 2
Parameters:
k = 0,889381167227374
m = 0,103482075605916
q = 0,647452929069286
DF =9

Input data: HlapecK8_3er.dat#
Distribution: Hyperpascal
(k,m,q)
Sample size: 107
Best method is
Method 2 of 2
Parameters:
k = 1,03524353197904
m = 1,12148684746129
q = 0,823831274833477
DF =11

$X^2 = 6,5053$ $P(X^2) = 0,4821$ $X^2 = 5,2721$ $P(X^2) = 0,8100$ $X^2 = 48,4758$ $P(X^2) = 0,0000$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	5	4,974	1	2	2,027	13	0	0,661	1	11	21,66	13	0	1,636
2	14	13,67	2	11	11,28	14	1	1,431	2	7	16,47	14	0	1,339
3	15	14,27	3	12	12,5				3	19	13,02	15	1	6,091
4	15	12,06	4	13	11,12				4	15	10,43			
5	11	9,248	5	9	9,023				5	18	8,41			
6	4	6,713	6	8	6,961				6	10	6,812			
7	2	4,701	7	4	5,201				7	8	5,533			
8	1	3,21	8	5	3,801				8	11	4,503			
9	2	2,152	9	4	2,733				9	1	3,67			
10	3	1,422	10	0	1,941				10	2	2,995			
11	1	0,929	11	0	1,365				11	3	2,446			
12	2	1,654	12	2	0,953				12	1	2			

Input data: Hlapeck9_3er.dat

Distribution: Hyperpascal
(k,m,q)

Sample size: 60

Best method is

Method 1 of 2

min. size: 2

k = 4,50903006057612

m = 0,408618158099693

q = 0,439886208544024

DF =5

$X^2 = 10,6554$ $P(X^2) = 0,0587$

X[i]	F[i]	NP[i]
1	0	0,982
2	5	4,765
3	9	8,197
4	12	9,744
5	5	9,443
6	9	8,017
7	7	6,2
8	2	4,473
9	10	3,056
10	0	2
11	0	1,263
12	1	1,86

Input data: Hlapeck10_3er.dat

Distribution: Hyperpascal
(k,m,q)

Sample size: 113

Best method is

Method 1 of 2

Parameters:

k = 0,575842909068898

m = 0,389142049726158

q = 0,696207172772602

DF =8

$X^2 = 15,6464$ $P(X^2) = 0,0477$

X[i]	F[i]	NP[i]
1	23	22,4
2	23	23,08
3	11	18,23
4	18	13,68
5	15	10,05
6	11	7,295
7	6	5,255
8	4	3,766
9	0	2,688
10	0	1,913
11	0	1,358
12	0	0,963
13	2	2,311

Input data: Hlapeck11_3er.dat

Distribution: Hyperpascal
(k,m,q)

Sample size: 75

Best method is

Method 1 of 2

Parameters:

k = 0,473177140044038

m = 0,18550185829329

q = 0,71649552259203

DF =7

$X^2 = 18,7179$ $P(X^2) = 0,0091$

X[i]	F[i]	NP[i]
1	6	7,572
2	10	13,84
3	8	12,32
4	14	9,991
5	16	7,805
6	9	5,976
7	4	4,52
8	4	3,389
9	2	2,525
10	1	1,873
11	1	5,188

Input data: HlapeckK12_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 80
 Best method is
 Method 1 of 2
 Parameters:
 k = 1,05454073291927
 m = 1,06513683853843
 q = 0,812531825214385
 DF =13
 $X^2 = 23,0329$ $P(X^2) = 0,0413$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	8	15,25	12	2	1,507
2	6	12,27	13	0	1,224
3	11	9,92	14	1	0,993
4	15	8,033	15	0	0,807
5	10	6,51	16	0	0,655
6	8	5,278	17	0	0,532
7	7	4,281	18	0	0,432
8	3	3,473	19	0	0,351
9	4	2,819	20	0	0,285
10	3	2,288	21	0	0,231
11	1	1,857	22	0	0,188

Input data: HlapeckK13_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 119
 Best method is
 Method 1 of 2
 Parameters:
 k = 1,4436465454636
 m = 0,588122375544208
 q = 0,660602645162867
 DF =11
 $X^2 = 6,9378$ $P(X^2) = 0,8041$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
0	0,153	1	10	11,41	12	1	1,653	
0	0,124	2	16	18,5	13	0	1,173	
0	0,101	3	16	18,81	14	1	0,827	
1	0,435	4	23	16,53	15	0	0,581	
		5	14	13,52	16	0	0,406	
		6	12	10,6	17	1	0,917	
		7	10	8,075				
		8	5	6,027				
		9	5	4,43				
		10	4	3,218				
		11	1	2,316				

Input data: HlapeckK14_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 53
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,525718252943848
 m = 1,14992128725164
 q = 0,916115939160997
 DF =11
 $X^2 = 83,4092$ $P(X^2) = 0,0000$

X[i]	F[i]	NP[i]	X[i]
1	3	17,97	16
2	0	7,525	17
3	5	4,892	18
4	8	3,594	19
5	9	2,797	20
6	11	2,252	21
7	4	1,854	22
8	4	1,55	23
9	2	1,311	24
10	0	1,119	
11	3	0,962	
12	0	0,832	
13	2	0,723	
14	1	0,631	
15	0	0,553	

Input data: HlapeckK15_3er.dat*
 Distribution: Hyperpascal (k,m,q)
 Sample size: 98
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,661882292842476
 m = 0,207577406864528
 q = 0,720141707953851
 DF =8
 $X^2 = 10,9213$ $P(X^2) = 0,2062$

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]
0	0,485	1	6	6,674	
0	0,428	2	13	15,32	
0	0,377	3	12	15,19	
0	0,334	4	17	13,19	
0	0,296	5	13	10,84	
0	0,263	6	7	8,651	
0	0,234	7	11	6,773	
0	0,208	8	7	5,235	
1	1,814	9	6	4,007	
		10	2	3,046	
		11	2	2,302	
		12	2	6,773	

Input data: Hlapeck17_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 87
 Best method is
 Method 1 of 2
 Parameters:
 k = 2,16015079838777
 m = 1,44962997231557
 q = 0,719174054208687
 DF =7
 $X^2 = 32,3845$ $P(X^2) = 0,0000$

X[i]	F[i]	NP[i]
1	5	11,9621
2	6	12,8194
3	11	11,8935
4	21	10,3152
5	14	8,603
6	7	6,9937
7	10	5,5838
8	5	4,3987
9	4	3,4295
10	3	2,6518
11	1	8,3492

Input data: Hlapeck18_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 21
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,70054456659761
 m = 0,361376015622398
 q = 0,740682902248961
 DF =3
 $X^2 = 6,6742$ $P(X^2) = 0,0830$

X[i]	F[i]	NP[i]
1	2	2,3218
2	3	3,3337
3	1	3,0844
4	3	2,6127
5	2	2,1305
6	6	1,7007
7	1	1,3394
8	0	1,0449
9	1	0,8096
10	0	0,624
11	1	0,4789
12	0	0,3664
13	1	1,1529

Input data: Valpet_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 561
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,869540317930098
 m = 0,143888315521228
 q = 0,66225052970284
 DF =15
 $X^2 = 21,3635$ $P(X^2) = 0,1256$

X[i]	F[i]	NP[i]	X[i]*
1	21	22,11	1
2	86	88,48	2
3	96	95,77	3
4	110	84,89	4
5	65	69,19	5
6	51	53,85	6
7	34	40,69	7
8	22	30,13	8
9	20	21,98	9
10	14	15,85	10
11	12	11,33	11
12	14	8,042	12
13	2	5,672	13
14	2	3,981	14
15	4	2,782	15
16	3	1,937	16
17	2	1,344	17
18	0	0,93	18

Input data: Pokljuk_3er.dat*
 Distribution: Hyperpascal (k,m,q)
 Sample size: 169
 Best method is
 Method 1 of 2
 Parameters:
 k = 3,38166336884775
 m = 0,588420660941532
 q = 0,578969230073506
 DF =14
 $X^2 = 13,9162$ $P(X^2) = 0,4560$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
4	3,283	21	21	0	0,16
14	10,92	22	22	0	0,105
24	17,44	23	23	1	0,069
18	21	24	24	1	0,126
15	21,62				
21	20,14				
18	17,49				
12	14,42				
9	11,42				
10	8,762				
9	6,551				
5	4,793				
0	3,444				
4	2,436				
1	1,701				
1	1,173				
0	0,801				
2	0,542				

19	1	0,642	19	0	0,364
20	0	0,442	20	0	0,242
21	2	0,962			

Input data: Krpan_3er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 371
 Best method is
 Method 1 of 2

k = 1,53689699195813
 m = 0,321208249304864
 q = 0,636467020271887
 DF = 14
 $X^2 = 36,5974$ $P(X^2) = 0,0008$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	17	15,13	16	0	1,505	31	0	0,004
2	55	46,09	17	1	1,034	32	0	0,003
3	73	56,32	18	1	0,707	33	0	0,002
4	54	54,62	19	0	0,482	34	0	0,001
5	39	47,49	20	1	0,327	35	1	0,002
6	22	38,73	21	0	0,221			
7	21	30,28	22	0	0,149			
8	22	22,98	23	1	0,1			
9	15	17,05	24	0	0,067			
10	12	12,44	25	0	0,045			
11	18	8,951	26	0	0,03			
12	9	6,368	27	0	0,02			
13	1	4,488	28	0	0,013			
14	4	3,138	29	0	0,009			
15	4	2,18	30	0	0,006			

Input data:
 Mackova_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 109
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,29550301637417
 m = 0,142508527710227
 q = 0,707769982468742
 DF = 10
 $X^2 = 9,3013$ $P(X^2) = 0,5038$

Input data:
 Ponkrcev_4er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 165
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,944364051982999
 m = 0,180370627301748
 q = 0,549567558220758
 DF = 7
 $X^2 = 8,0989$ $P(X^2) = 0,3240$

Input data:
 PonkrcevK1_4er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 68
 Best method is
 Method 2 of 2
 Parameters:
 k = 0,981527366590607
 m = 0,250588897838541
 q = 0,576259151441052
 DF = 6
 $X^2 = 7,5983$ $P(X^2) = 0,2690$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	15	15,66	16	1	1	1	14	13,79	1	7	6,739
2	21	22,98				2	41	39,69	2	16	15,21
3	16	18,44				3	38	35,93	3	13	13,89
4	20	13,99				4	26	26,66	4	8	10,6
5	12	10,38				5	14	18,17	5	10	7,484
6	10	7,619				6	16	11,81	6	9	5,054
7	6	5,553				7	7	7,449	7	3	3,318
8	5	4,028				8	1	4,6	8	0	2,136
9	1	2,912				9	5	2,797	9	1	1,355
10	0	2,1				10	2	1,681	10	1	2,214
11	1	1,511				11	1	2,42			
12	0	1,086									
13	0	0,779									
14	0	0,558									
15	1	0,4									

Input data: PonkrcevK2_4er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 38
 Best method is
 Method 1 of 2
 Parameters:
 k = 2,04925255775051
 m = 0,103700137076199
 q = 0,412446873631506
 DF =4
 $X^2 = 5,8614$ $P(X^2) = 0,2097$

X[i]	F[i]	NP[i]
1	1	1,0162
2	9	8,2822
3	12	9,4374
4	7	7,4923
5	1	5,0272
6	2	3,0565
7	3	1,7412
8	1	0,9471
9	2	1

Input data: PonkrcevK3_4er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 59
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,490899898435853
 m = 0,110991201714075
 q = 0,592059312900255
 DF =5
 $X^2 = 3,4214$ $P(X^2) = 0,6353$

X[i]	F[i]	NP[i]
1	6	6,023
2	16	15,77
3	13	12,53
4	11	8,754
5	3	5,816
6	5	3,762
7	1	2,393
8	0	1,505
9	2	0,939
10	1	0,582
11	1	0,924

Input data: HlapecK1_4er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 43
 Best method is
 Method 1 of 2
 min. size: 2
 k = 3,25075365557501
 m = 0,32927892631902
 q = 0,361109222529859
 DF =3
 $X^2 = 7,9485$ $P(X^2) = 0,0471$

X[i]	F[i]	NP[i]
1	2	2,494
2	8	8,89
3	11	10,27
4	14	8,356
5	1	5,665
6	3	3,426
7	1	1,916
8	1	1,011
9	0	0,511
10	1	0,249
11	1	0,217

Input data: HlapecK3_4er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 85
 Best method is
 Method 1 of 2
 Parameters:
 k = 4,43143068477734
 m = 1,65837756856442
 q = 0,422835196634435
 DF =5
 $X^2 = 6,2012$ $P(X^2) = 0,2871$

X[i]	F[i]	NP[i]
1	14	16,84
2	17	19,03
3	16	16,44
4	19	12,22
5	10	8,242
6	3	5,193
7	2	3,11
8	1	1,791
9	2	1
10	0	0,544
11	0	0,29
12	0	0,152
13	1	0,158

Input data: HlapecK4_4er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 57
 Best method is
 Method 2 of 2
 Parameters:

Input data: HlapecK5_4er.dat*
 Distribution: Hyperpascal (k,m,q)
 Sample size: 80
 Best method is
 Method 2 of 2
 Parameters:

Input data: HlapecK6_4er.dat#
 Distribution: Hyperpascal (k,m,q)
 Sample size: 75
 Best method is
 Method 1 of 2
 Parameters:

k = 0,147452754160933
 m = 0,0764689458581301
 q = 0,672624839458117
 DF =6
 $X^2 = 8,0412$ $P(X^2) = 0,2351$

k = 1,63467356651017
 m = 1,27877837049982
 q = 0,600610852957787
 DF =5
 $X^2 = 4,1685$ $P(X^2) = 0,5254$

k = 1,92317361245241
 m = 0,407629189595892
 q = 0,443614719271024
 DF =5
 $X^2 = 5,8630$ $P(X^2) = 0,3198$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	10	10,81	16	0	0,068	1	22	24,35	1	9	8,832
2	15	14,03	17	1	0,046	2	16	18,69	2	20	18,48
3	11	10,06	18	0	0,031	3	18	12,98	3	20	17,03
4	7	6,996	19	0	0,021	4	10	8,643	4	12	12,31
5	5	4,814	20	0	0,014	5	7	5,623	5	4	7,889
6	0	3,295	21	0	0,01	6	3	3,605	6	2	4,703
7	2	2,247	22	0	0,006	7	2	2,288	7	3	2,671
8	4	1,529	23	0	0,004	8	0	1,441	8	3	1,465
9	1	1,039	24	0	0,003	9	1	0,903	9	2	1,618
10	0	0,705	25	1	0,006	10	1	1,478			
11	0	0,478									
12	0	0,324									
13	0	0,219									
14	0	0,148									
15	0	0,1									

Input data: Hlapeck7_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 71
 Best method is
 Method 1 of 2
 Parameters:
 k = 4,81922427366929
 m = 0,597621053719542
 q = 0,29646164123009
 DF =4
 $X^2 = 2,6132$ $P(X^2) = 0,6245$

X[i]	F[i]	NP[i]
1	5	6,616
2	14	15,82
3	19	17,08
4	11	13,29
5	9	8,564
6	6	4,87
7	4	2,533
8	0	1,231
9	2	0,568
10	0	0,251
11	1	0,181

Input data: Hlapeck9_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 60
 Best method is
 Method 1 of 2
 min. size: 5
 k = 24,1083089590078
 m = 0,316955957573583
 q = 0,0893711880371414
 DF =1
 $X^2 = 3,3481$ $P(X^2) = 0,0673$

X[i]	F[i]	NP[i]
1	0	1,235
2	8	8,398
3	18	14,31
4	10	14,41
5	10	10,52
6	3	6,124
7	10	2,997
8	0	1,276
9	1	0,727

Input data: Hlapeck10_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 113
 Best method is
 Method 1 of 2
 Parameters:
 k = 1,73834968978754
 m = 1,45399525272636
 q = 0,636205375812186
 DF =6
 $X^2 = 18,2749$ $P(X^2) = 0,0056$

X[i]	F[i]	NP[i]
1	32	33,06
2	20	25,14
3	23	17,85
4	17	12,29
5	15	8,319
6	4	5,569
7	0	3,699
8	0	2,443
9	0	1,607
10	2	3,019

Input data: HlapecK12_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 80
 Best method is
 Method 1 of 2
 Parameters:
 k = 1,5503676017942
 m = 1,16905342855954
 q = 0,70322775193733
 DF =9

X² = 13,7944 P(X²) = 0,1298

X[i]	F[i]	NP[i]	X[i]	F[i]
1	10	15,65	16	0
2	10	14,59	17	0
3	20	12,07	18	0
4	12	9,506	19	0
5	9	7,297	20	1
6	7	5,51		
7	4	4,114		
8	4	3,047		
9	2	2,243		
10	0	1,643		
11	1	1,199		
12	0	0,872		
13	0	0,632		
14	0	0,457		
15	0	0,33		

Input data: HlapecK13_4er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 119
 Best method is
 Method 1 of 2
 Parameters:
 k = 13,0237764779661
 m = 2,77482668815205
 q = 0,266370505745499
 DF =6

X² = 1,3361 P(X²) = 0,9696

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#
1	17	18,3	1	0,238	1	17
2	23	22,88	2	0,171	2	23
3	25	22,64	3	0,123	3	25
4	18	18,97	4	0,089	4	18
5	15	14,02	5	0,223	5	15
6	8	9,386	6		6	8
7	7	5,796	7		7	7
8	3	3,347	8		8	3
9	1	1,826	9		9	1
10	1	0,949	10		10	1
11	0	0,473	11		11	0
12	0	0,227	12		12	0
13	1	0,189	13		13	1
14						
15						

Input data: HlapecK14_4er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 53
 Best method is
 Method 1 of 2
 Parameters:
 k = 1,07139006817572
 m = 1,12459155960598
 q = 0,792383741547428
 DF =9

X² = 37,1344 P(X²) = 0,0000

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
3	11,89	16	0	0,306	
2	8,973	17	0	0,242	
11	6,932	18	1	0,911	
13	5,399				
10	4,223				
5	3,312				
2	2,601				
2	2,046				
1	1,611				
3	1,269				
0	1				
0	0,789				
0	0,622				
0	0,491				
0	0,388				

Input data: HlapecK14_4er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 53
 Best method is
 Method 1 of 2
 Parameters:
 k = 1,07139006817572
 m = 1,12459155960598
 q = 0,792383741547428
 DF =9

X² = 37,1344 P(X²) = 0,0000

X[i]	F[i]	NP[i]	X[i]	F[i]
1	3	11,89	13	0
2	2	8,973	14	0
3	11	6,932	15	0
4	13	5,399	16	0
5	10	4,223	17	0
6	5	3,312	18	1
7	2	2,601		
8	2	2,046		
9	1	1,611		
10	3	1,269		
11	0	1		
12	0	0,789		

Input data: HlapecK15_4er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 98
 Best method is
 Method 2 of 2
 Parameters:
 k = 4,11295138032389
 m = 0,837864590492326
 q = 0,402010122751302
 DF =5

X² = 2,9522 P(X²) = 0,7074

X[i]	F[i]	NP[i]	X[i]*	F[i]	NP[i]	X[i]#
1	8	9,01	1	0,622	1	8
2	19	17,78	2	0,491	2	19
3	21	19,89	3	0,388	3	21
4	14	17,22	4	0,306	4	14
5	13	12,83	5	0,242	5	13
6	11	8,649	6	0,911	6	11
7	7	5,428	7		7	7
8	3	3,227	8		8	3
9	2	3,971	9		9	2
10						
11						
12						

Input data: HlapecK16_4er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 77
 Best method is
 Method 1 of 2
 Parameters:
 k = 2,75767249054476
 m = 0,305569310131016
 q = 0,429355787040731
 DF =6

X² = 10,1172 P(X²) = 0,1198

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
3	3,443	13	0	0,132	
13	13,34	14	0	0,068	
19	16,49	15	0	0,035	
14	14,61	16	0	0,017	
15	10,92	17	1	0,017	
4	7,362				
0	4,622				
3	2,756				
3	1,58				
2	0,879				
0	0,477				
0	0,253				

Input data: Valpet_4er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 561
 Best method is
 Method 1 of 2
 min. size: 40
 k = 1,22187865445758
 m = 0,235371630271125
 q = 0,541125602066715
 DF =10
 $X^2 = 19,1463$ $P(X^2) = 0,0384$

X[i]	F[i]	NP[i]	X[i]
1	44	43,64	13
2	131	122,6	14
3	138	119,3	15
4	82	93,05	16
5	53	65,71	
6	37	43,84	
7	24	28,19	
8	18	17,67	
9	18	10,86	
10	2	6,583	
11	6	3,943	
12	3	2,339	

Input data: Pokljuk_4er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 169
 Best method is
 Method 1 of 2
 Parameters:
 k = 1,35222978819076
 m = 0,251645049923497
 q = 0,625092530332291
 DF =11
 $X^2 = 9,9302$ $P(X^2) = 0,5367$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
1	7	7,1	13	0	1,617
2	24	23,85	14	2	1,102
3	29	28,02	15	0	0,746
4	23	26,07	16	0	0,502
5	24	21,81	17	0	0,337
6	19	17,17	18	2	0,663
7	10	12,98			
8	13	9,541			
9	10	6,869			
10	1	4,867			
11	4	3,404			
12	1	2,356			

Input data: Krpan_4er.dat
 Distribution: Hyperpascal (k,m,q)
 Sample size: 371
 Best method is
 Method 1 of 2
 min. size: 40

X[i]	F[i]	NP[i]
1	39	38,56
2	76	69,76
3	84	70,06
4	44	58,11
5	32	43,74
6	28	31,05
7	22	21,18
8	18	14,05
9	14	9,12
10	2	5,822

k = 1,80552417885712
 m = 0,55598308245746
 q = 0,557031199693453
 DF =6
 $X^2 = 12,0613$ $P(X^2) = 0,0606$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
11	6	3,667	21	0	0,024
12	1	2,285	22	0	0,014
13	1	1,41	23	0	0,008
14	1	0,864	24	0	0,005
15	1	0,525	25	0	0,003
16	0	0,318	26	0	0,002
17	1	0,191	27	1	0,002
18	0	0,115			
19	0	0,068			
20	0	0,041			

Input data:
 Ponkrcev_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 165
 Best method is
 Method 2 of 2
 Parameters:
 k = 1,05582420571296
 m = 0,26389172582057
 q = 0,468175670213443
 DF =5

$X^2 = 4,9999$ $P(X^2) = 0,4159$

X[i]	F[i]	NP[i]
1	25	26,01
2	52	48,72
3	37	37,1
4	19	23,45
5	18	13,64
6	5	7,573
7	6	4,079
8	2	2,151
9	1	2,274

Input data:
 PonkrcevK1_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 68
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,184567573568114
 m = 0,0599553586894915
 q = 0,590893368417545
 DF =4

$X^2 = 6,8976$ $P(X^2) = 0,$

X[i]	F[i]	NP[i]
1	12	11,44
2	20	20,8
3	12	13,74
4	10	8,609
5	10	5,294
6	2	3,224
7	1	1,952
8	1	2,942

Input data:
 PonkrecevK2_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 38
 Best method is
 Method 2 of 2
 Parameters:
 k = 0,518449094753213
 m = 0,0561719993086494
 q = 0,501731313826384
 DF =3

$X^2 = 3,1934$ $P(X^2) = 0,3628$

X[i]	F[i]	NP[i]
1	3	2,783
2	14	12,89
3	11	9,297
4	2	5,713
5	3	3,3
6	2	1,845
7	3	2,173

Input data: PonkrcevK3_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 59
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,913213743822654
 m = 0,256495780381925
 q = 0,486971380457425
 DF =4

$X^2 = 1,5905$ $P(X^2) = 0,8105$

X[i]	F[i]	NP[i]	X[i]*
1	10	10,04	1
2	18	17,4	2
3	14	12,91	3
4	7	8,113	4
5	5	4,748	5
6	1	2,669	6
7	2	1,462	7
8	1	0,787	8
9	1	0,874	9
			10
			11
			12

Input data: Hlapec_5er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 1383
 Best method is
 Method 1 of 2
 Parameters:
 k = 8,97528600842847
 m = 1,81065642128762
 q = 0,245457579654022
 DF =7

$X^2 = 27,2396$ $P(X^2) = 0,0003$
 C = 0,0197

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
13	1	0,193	253	278,5	13
14	1	0,072	343	338,9	14
15	1	0,026	342	295,2	15
16	1	0,009	221	208,7	16
17	0	0,003	111	127,5	17
18	0	0,001	53	69,89	18
19	0	4E-04	33	35,2	19
20	1	2E-04	16	16,57	20
			4	7,373	
			1	3,132	
			1	1,278	
			0	0,504	

Input data: HlapecK1_5er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 43
 Best method is
 Method 1 of 2
 Parameters:
 k = 1,15913912743703
 m = 0,068423462538968
 q = 0,353327114004416
 DF =2

$X^2 = 3,2228$ $P(X^2) = 0,1996$

X[i]	F[i]	NP[i]	X[i]#	F[i]	NP[i]
1	2	2,77	1	2	2,77
2	15	16,58	2	15	16,58
3	15	11,84	3	15	11,84
4	4	6,387	4	4	6,387
5	3	3,059	5	3	3,059
6	1	1,371	6	1	1,371
7	1	0,589	7	1	0,589
8	1	0,245	8	1	0,245
9	1	0,166	9	1	0,166

Input data: HlapecK2_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 82
 Best method is
 Method 1 of 2
 Parameters:
 k = 1,77548390137094
 m = 0,690504293861429
 q = 0,434718845700027
 DF =4
 $X^2 = 0,8139$ $P(X^2) = 0,9366$

X[i]	F[i]	NP[i]	X[i]*
1	20	20,64	1
2	23	23,07	2
3	17	16,46	3
4	11	10,04	4
5	6	5,65	5
6	2	3,024	6
7	2	1,565	7
8	1	1,552	8
			9
			10

Input data: HlapecK3_5er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 85
 Best method is
 Method 2 of 2
 Parameters:
 k = 1,39852307655936
 m = 1,08242348595209
 q = 0,606408871252907
 DF =5
 $X^2 = 18,3632$ $P(X^2) = 0,0025$

F[i]	NP[i]	X[i]#	F[i]
22	25,34	1	14
15	19,85	2	19
24	13,87	3	9
15	9,271	4	6
4	6,057	5	0
1	3,902	6	6
3	2,489	7	1
0	1,577	8	0
0	0,994	9	0
1	1,654	10	0

Input data: HlapecK4_5er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 57
 Best method is
 Method 2 of 2
 min. size: 2
 k = 0,386769096945575
 m = 0,211906832687328
 q = 0,548322819706279
 DF =2
 $X^2 = 1,0285$ $P(X^2) = 0,5980$

NP[i]	X[i]	F[i]	NP[i]
16,3	11	0	0,112
16,32	12	0	0,063
10,24	13	1	0,035
6,057	14	0	0,019
3,502	15	0	0,011
2	16	0	0,006
1,133	17	0	0,003
0,639	18	0	0,002
0,359	19	0	0,001
0,201	20	1	0,001

Input data: HlapecK5_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 80
 Best method is
 Method 1 of 2
 Parameters:
 k = 4,08574213850217
 m = 2,6794009361602
 q = 0,462125620602834
 DF =4
 $X^2 = 3,8667$ $P(X^2) = 0,4243$

X[i]	F[i]	NP[i]
1	29	28,88
2	18	20,35
3	14	13
4	12	7,813
5	4	4,505
6	1	2,52
7	1	1,378
8	1	1,553

Input data: HlapecK6_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 75
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,311250297081179
 m = 0,0703520969064612
 q = 0,490389905273521
 DF =4
 $X^2 = 4,1345$ $P(X^2) = 0,3881$

X[i]	F[i]	NP[i]
1	13	12,57
2	29	27,28
3	18	16,39
4	5	8,973
5	3	4,745
6	4	2,465
7	2	1,266
8	1	1,305

Input data: HlapecK7_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 71
 Best method is
 Method 1 of 2
 Parameters:
 k = 2,23126053657548
 m = 0,54217225990896
 q = 0,398812534396388
 DF =4
 $X^2 = 1,5101$ $P(X^2) = 0,8248$

X[i]	F[i]	NP[i]
1	11	11,73
2	19	19,25
3	17	16,09
4	11	10,68
5	8	6,29
6	2	3,441
7	2	1,791
8	0	0,899
9	1	0,83

Input data:
 Hlapeck8_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 107
 Best method is
 Method 1 of 2
 Parameters:
 k = 3,35522904018247
 m = 0,598219131195325
 q = 0,331543132951626
 DF =4

$X^2 = 5,3651$ $P(X^2) = 0,2518$

X[i]	F[i]	NP[i]
1	14	15,2
2	28	28,26
3	28	25,53
4	16	17,45
5	14	10,22
6	2	5,418
7	4	2,681
8	0	1,26
9	1	1

Input data:
 Hlapeck9_5er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 60
 Best method is
 Method 1 of 2
 Parameters:
 k = 0,536930252756761
 m = 0,016209044035414
 q = 0,536984240732652
 DF =3

$X^2 = 7,1001$ $P(X^2) = 0,0688$

X[i]*	F[i]	NP[i]
1	1	1,033
2	17	18,37
3	13	14,92
4	15	10,08
5	8	6,348
6	5	3,851
7	1	5,392

Input data:
 Hlapeck10_5er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 113
 Best method is
 Method 2 of 2
 Parameters:
 k = 1,64066361207224
 m = 1,11456792108004
 q = 0,503960670622304
 DF =4

$X^2 = 12,7525$ $P(X^2) = 0,0126$

X[i]#	F[i]	NP[i]
1	41	39,93
2	24	29,62
3	25	18,64
4	17	10,98
5	4	6,243
6	0	3,47
7	0	1,899
8	2	2,202

Input data: Hlapeck11_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 75
 Best method is
 Method 2 of 2
 Parameters:
 k = 1,59366212194325
 m = 1,0201478016566
 q = 0,561278171217019
 DF =3

$X^2 = 19,6168$ $P(X^2) = 0,0002$

X[i]	F[i]	NP[i]	X[i]
1	15	20,65	1
2	14	18,11	2
3	25	13,05	3
4	13	8,716	4
5	4	5,59	5
6	3	3,496	6
7	1	5,381	7
			8
			9
			10

Input data: Hlapeck12_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 80
 Best method is
 Method 1 of 2
 Parameters:
 k = 2,10132105186726
 m = 0,753978899804517
 q = 0,480676436433333
 DF =5

$X^2 = 0,9457$ $P(X^2) = 0,9668$

X[i]	F[i]	NP[i]	X[i]	F[i]
13	14,28	11	0	
19	19,13	12	0	
18	16,26	13	0	
11	11,64	14	0	
9	7,604	15	0	
5	4,691	16	1	
2	2,783			
1	1,604			
1	0,905			
0	0,502			

Input data: Hlapeck15_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 98
 Best method is
 Method 1 of 2
 Parameters:
 k = 5,53702036781506
 m = 1,18862395248817
 q = 0,311048526728842
 DF =4

$X^2 = 2,4468$ $P(X^2) = 0,6542$

NP[i]	X[i]	F[i]	NP[i]
0,275	1	15	15,97
0,149	2	23	23,14
0,08	3	23	21,49
0,042	4	14	15,8
0,022	5	13	10,02
0,024	6	6	5,728
	7	3	3,034
	8	1	2,821

Input data: HlapecK16_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 77
 Best method is
 Method 1 of 2
 Parameters:
 k = 1,62935941845052
 m = 0,152163859328006
 q = 0,400479635812636
 DF =4

$X^2 = 6,9378$ $P(X^2) = 0,1392$

X[i]	F[i]	NP[i]
1	4	5,098
2	20	21,86
3	23	19,98
4	17	13,49
5	4	7,936
6	2	4,309
7	3	2,22
8	3	1,103
9	0	0,533
10	0	0,252
11	0	0,117
12	0	0,054
13	0	0,024
14	1	0,02

Input data: HlapecK17_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 87
 Best method is
 Method 1 of 2
 Parameters:
 k = 4,72738278830404
 m = 0,509007881590037
 q = 0,25337916385083
 DF =3

$X^2 = 2,3580$ $P(X^2) = 0,5015$

X[i]	F[i]	NP[i]
1	9	9,944
2	23	23,4
3	25	22,5
4	14	15,29
5	10	8,531
6	5	4,184
7	1	3,146

Input data: HlapecK18_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 21
 Best method is
 Method 1 of 2
 min. size: 2
 k = 1,83186164551204
 m = 1,44254759561195
 q = 0,669139998709716
 DF =2

$X^2 = 5,2857$ $P(X^2) = 0,0712$

X[i]	F[i]	NP[i]
1	4	4,983
2	3	4,234
3	4	3,285
4	7	2,447
5	1	1,781
6	0	1,277
7	1	0,906
8	1	2,089

Input data: Valpet_5er.dat
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 561
 Method 1 of 2
 min. size: 16
 k = 2,01322304204421
 m = 0,50380418715045
 q = 0,421472493243288
 DF =4

$X^2 = 12,0949$ $P(X^2) = 0,0167$

X[i]	F[i]	NP[i]	X[i]*
1	81	88,64	1
2	151	149,3	2
3	146	126,1	3
4	70	85,17	4
5	48	51,36	5
6	23	28,9	6
7	23	15,52	7
8	5	8,06	8
9	6	4,081	9
10	4	2,025	10
11	1	0,989	11
12	1	0,477	12
13	2	0,428	13
			14

Input data: Pokljuk_5er.dat*
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 169
 Method 1 of 2
 Parameters:
 k = 0,191515950388776
 m = 0,0341993516410696
 q = 0,692471467065239
 DF =10

$X^2 = 15,9809$ $P(X^2) = 0,1002$

X[i]	F[i]	NP[i]	X[i]#	F[i]
10	10,49	1	54	56,69
37	40,67	2	108	109,4
28	32,45	3	76	74,09
32	24,21	4	37	48,02
19	17,63	5	35	30,65
19	12,69	6	20	19,4
13	9,059	7	25	12,23
2	6,437	8	4	7,679
4	4,557	9	7	4,812
1	3,217	10	1	3,01
2	2,267	11	1	1,88
0	1,594	12	1	1,173
0	1,12	13	0	0,731
2	2,616	14	1	0,456
		15	0	0,284

Input data: Krpan_5er.dat#
 Distribution: Hyperpascal
 (k,m,q)
 Sample size: 371
 Method 1 of 2
 min. size: 8
 k = 0,147963558229084
 m = 0,0473556950465594
 q = 0,617785455008691
 DF =4

$X^2 = 7,5679$ $P(X^2) = 0,1088$

X[i]	F[i]	NP[i]	X[i]	F[i]	NP[i]
16	0	0,177	16	0	0,177
17	0	0,11	17	0	0,11
18	0	0,068	18	0	0,068
19	0	0,042	19	0	0,042
20	0	0,026	20	0	0,026
21	0	0,016	21	0	0,016
22	1	0,027	22	1	0,027