

R. Walter
TSC



U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

DOT HS 806 712
FINAL REPORT

JANUARY 1985

AN INVESTIGATION OF A LOW-VARIABILITY TIRE TREADWEAR
TEST PROCEDURE AND OF TREADWEAR ADJUSTMENT FOR AMBIENT
TEMPERATURE. VOLUME III: APPENDICES F, G, H, I, J AND K,
ANALYTICAL FILES



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16. Abstract This volume is the second part of a two-part appendix to the report on a low-variability tire treadwear procedure and treadwear adjustment for ambient temperature. This volume contains Appendices F through K, covering the fundamental statistical analyses records consisting of the analysis of variance tables, regression analysis tables, weight loss analysis, and driver acceleration response ANOVAS. Volume I, 106 pages, contains the Program Description, Procedure, and Results. Volume II, 542 pages, contains the data pertaining to the test effort; Test Data Files					
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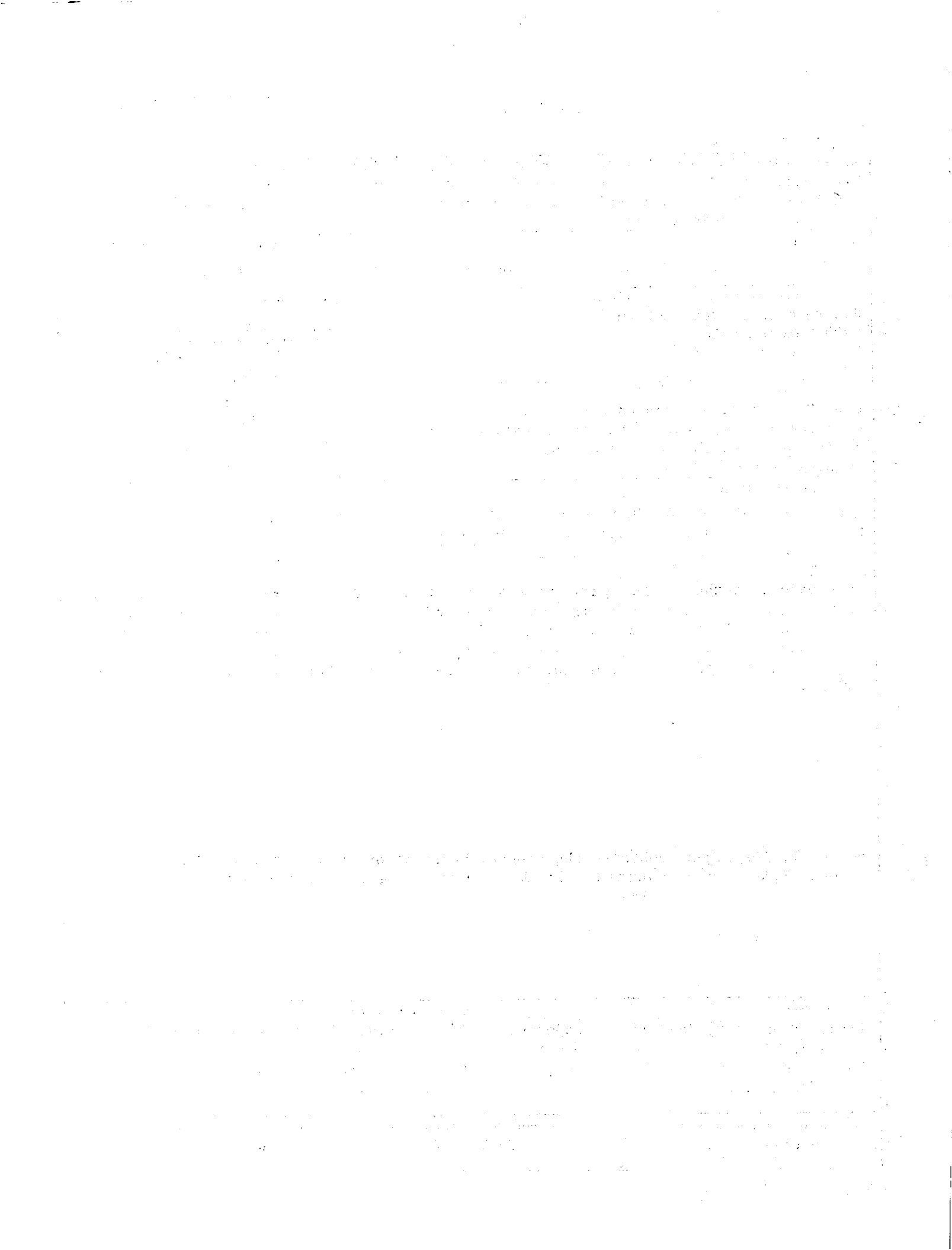


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APPENDIX F

Descriptive Statistics

TABLE F.1 TIRE TREAD RAW DATA

PHASR=1

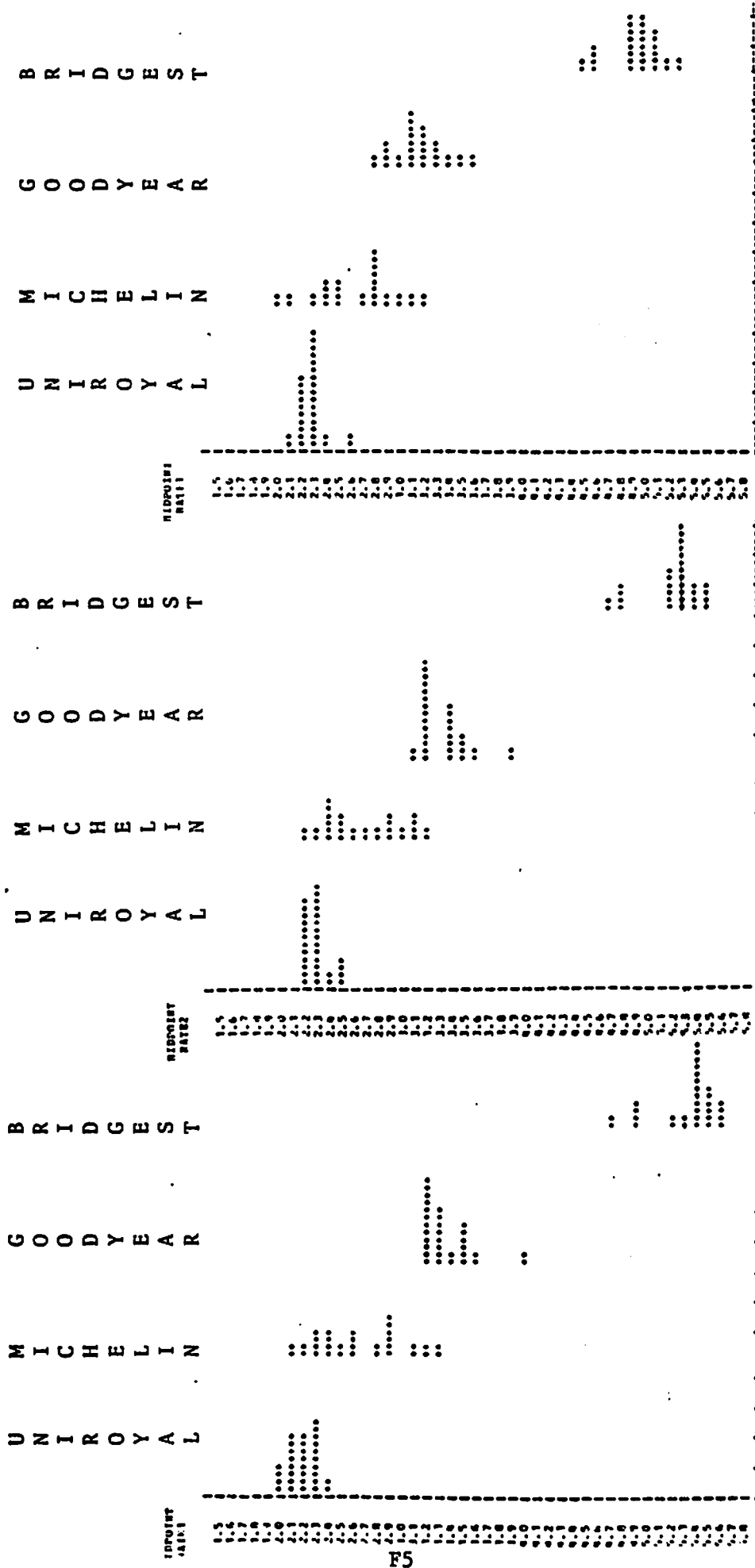
OBS	PRASE	TEST	BRAND	TYPE	RATB1	RATP2	RATE3	WGHT1	WGHT2	VGHT3	TRMP1	TPMP2	TRMP3	WFT1	WFT2	WFT3	ROM1	ROM2	ROM3
1	1	1	1	1	1.97	2.18	2.18	18.5	18.4	18.3	65.9	66.0	66.0	58	58	58	38.13	39.66	38.86
2	1	1	1	2	2.11	2.25	2.31	18.2	18.0	18.0	65.9	66.0	66.0	58	58	58	38.13	39.66	38.86
3	1	1	1	3	2.00	2.15	2.24	17.9	17.7	17.5	65.9	66.0	66.0	58	58	58	38.13	39.66	38.86
4	1	1	1	4	2.07	2.20	2.26	18.3	18.2	18.1	65.9	66.0	66.0	58	58	58	38.13	39.66	38.86
5	1	1	2	1	2.33	2.39	2.38	18.4	18.4	18.2	65.9	66.0	66.0	58	58	58	38.13	39.66	38.86
6	1	1	2	2	2.86	2.93	2.80	19.7	19.6	19.3	65.9	66.0	66.0	58	58	58	38.13	39.66	38.86
7	1	1	2	3	2.29	2.37	2.30	18.2	18.1	18.1	65.9	66.0	66.0	58	58	58	38.13	39.66	38.86
8	1	1	2	4	2.92	3.06	2.97	20.1	19.9	19.9	65.9	66.0	66.0	58	58	58	38.13	39.66	38.86
9	1	1	3	1	3.16	3.23	3.10	19.9	19.9	19.9	65.9	66.0	66.0	58	58	58	38.13	39.66	38.86
10	1	1	3	2	3.53	3.60	3.52	19.6	19.5	19.6	65.9	66.0	66.0	58	58	58	38.13	39.66	38.86
11	1	1	3	3	3.29	3.37	3.25	18.8	18.8	18.8	65.9	66.0	66.0	58	58	58	38.13	39.66	38.86
12	1	1	3	4	3.18	3.18	3.14	18.9	18.8	18.7	65.9	66.0	66.0	58	58	58	38.13	39.66	38.86
13	1	1	4	1	5.54	5.48	5.26	22.9	23.0	23.0	65.9	66.0	66.0	58	58	58	38.13	39.66	38.86
14	1	1	4	2	5.39	5.36	5.09	21.8	21.8	21.7	65.9	66.0	66.0	58	58	58	38.13	39.66	38.86
15	1	1	4	3	5.35	5.28	5.02	21.6	21.6	21.5	65.9	66.0	66.0	58	58	58	38.13	39.66	38.86
16	1	1	4	4	5.28	5.27	5.12	22.0	22.2	22.1	65.9	66.0	66.0	58	58	58	38.13	39.66	38.86
17	1	1	1	1	2.28	2.38	2.25	18.2	18.1	17.8	70.4	70.3	70.1	7	7	7	37.97	39.08	37.90
18	1	1	1	2	2.16	2.25	2.17	17.8	17.7	17.8	70.4	70.3	70.1	7	7	7	37.97	39.08	37.90
19	1	1	1	3	2.12	2.21	2.19	17.7	17.7	17.4	70.4	70.3	70.1	7	7	7	37.97	39.08	37.90
20	1	1	1	4	2.12	2.20	2.10	18.0	18.0	18.0	70.4	70.3	70.1	7	7	7	37.97	39.08	37.90
21	1	1	2	1	2.11	2.25	2.11	18.6	18.4	18.4	70.4	70.3	70.1	7	7	7	37.97	39.08	37.90
22	1	1	2	2	3.06	3.01	2.87	18.6	18.5	18.4	70.4	70.3	70.1	7	7	7	37.97	39.08	37.90
23	1	1	2	3	2.19	2.22	2.02	18.5	18.2	18.0	70.4	70.3	70.1	7	7	7	37.97	39.08	37.90
24	1	1	2	4	2.94	2.90	2.79	19.6	19.4	19.2	70.4	70.3	70.1	7	7	7	37.97	39.08	37.90
25	1	1	3	1	3.18	3.24	2.96	18.9	18.8	18.4	70.4	70.3	70.1	7	7	7	37.97	39.08	37.90
26	1	1	3	2	3.20	3.09	2.77	18.1	17.3	17.3	70.4	70.3	70.1	7	7	7	37.97	39.08	37.90
27	1	1	3	3	3.28	3.15	2.94	18.6	18.3	17.9	70.4	70.3	70.1	7	7	7	37.97	39.08	37.90
28	1	1	3	4	3.24	3.19	2.98	19.1	18.9	18.4	70.4	70.3	70.1	7	7	7	37.97	39.08	37.90
29	1	1	4	1	5.38	5.30	4.90	23.0	22.7	22.1	70.4	70.3	70.1	7	7	7	37.97	39.08	37.90
30	1	1	4	2	5.61	5.03	5.06	23.5	23.0	22.6	70.4	70.3	70.1	7	7	7	37.97	39.08	37.90
31	1	1	4	3	5.36	5.27	5.03	23.7	22.4	22.1	70.4	70.3	70.1	7	7	7	37.97	39.08	37.90
32	1	1	4	4	5.58	5.46	5.17	23.5	23.2	22.8	70.4	70.3	70.1	7	7	7	37.97	39.08	37.90
33	1	1	1	1	2.16	2.23	2.32	17.4	17.3	17.1	53.4	53.2	52.9	388	388	293	37.57	36.92	36.15
34	1	1	1	2	2.27	2.32	2.30	17.4	17.1	16.9	53.4	53.2	52.9	388	388	293	37.57	36.92	36.15
35	1	1	1	3	2.27	2.39	2.44	17.4	17.4	17.2	53.4	53.2	52.9	388	388	293	37.57	36.92	36.15
36	1	1	1	4	2.34	2.50	2.60	17.7	17.4	17.4	53.4	53.2	52.9	388	388	293	37.57	36.92	36.15
37	1	1	2	1	2.64	2.72	2.78	18.9	18.8	18.3	53.4	53.2	52.9	388	388	293	37.57	36.92	36.15
38	1	1	2	2	2.68	2.64	2.66	20.6	20.6	20.3	53.4	53.2	52.9	388	388	293	37.57	36.92	36.15
39	1	1	2	3	2.37	2.40	2.43	18.9	18.7	18.4	53.4	53.2	52.9	388	388	293	37.57	36.92	36.15
40	1	1	3	4	3.18	3.13	3.06	20.3	20.1	19.7	53.4	53.2	52.9	388	388	293	37.57	36.92	36.15
41	1	1	3	1	4.01	3.87	3.62	20.0	19.8	19.0	53.4	53.2	52.9	388	388	293	37.57	36.92	36.15
42	1	1	3	2	3.57	3.54	3.35	19.6	19.2	18.7	53.4	53.2	52.9	388	388	293	37.57	36.92	36.15
43	1	1	3	3	3.45	3.37	3.23	18.5	18.4	17.8	53.4	53.2	52.9	388	388	293	37.57	36.92	36.15
44	1	1	3	4	3.24	3.17	3.05	18.0	17.8	17.4	53.4	53.2	52.9	388	388	293	37.57	36.92	36.15
45	1	1	4	1	5.47	5.33	5.03	21.1	21.0	20.8	53.4	53.2	52.9	388	388	293	37.57	36.92	36.15
46	1	1	4	2	5.39	5.19	4.87	21.1	20.9	20.8	53.4	53.2	52.9	388	388	293	37.57	36.92	36.15
47	1	1	4	3	5.38	5.17	4.87	20.8	20.6	20.3	53.4	53.2	52.9	388	388	293	37.57	36.92	36.15
48	1	1	4	4	4.74	4.70	4.53	19.2	19.2	18.9	53.4	53.2	52.9	388	388	293	37.57	36.92	36.15
49	1	1	1	1	2.40	2.46	2.33	17.8	17.6	16.6	53.6	53.3	52.9	438	438	294	40.54	39.46	39.43
50	1	1	1	2	2.10	2.31	2.23	17.4	17.0	16.3	53.6	53.3	52.9	438	438	294	40.54	39.46	39.43
51	1	1	1	3	2.20	2.29	2.32	16.8	16.6	16.3	53.6	53.3	52.9	438	438	294	40.54	39.46	39.43
52	1	1	1	4	2.22	2.28	2.31	16.9	16.7	16.5	53.6	53.3	52.9	438	438	294	40.54	39.46	39.43
53	1	1	2	1	2.41	2.50	2.53	20.1	19.7	19.1	53.6	53.3	52.9	438	438	294	40.54	39.46	39.43
54	1	1	2	2	3.27	3.24	3.20	20.7	20.3	19.8	53.6	53.3	52.9	438	438	294	40.54	39.46	39.43
55	1	1	2	3	2.99	2.96	2.46	19.1	19.0	18.7	53.6	53.3	52.9	438	438	294	40.54	39.46	39.43
56	1	1	2	4	2.82	2.78	2.80	19.8	19.6	18.3	53.6	53.3	52.9	438	438	294	40.54	39.46	39.43
57	1	1	3	1	3.51	3.51	3.28	19.1	19.0	18.4	53.6	53.3	52.9	438	438	294	40.54	39.46	39.43
58	1	1	3	2	3.41	3.38	3.16	18.8	18.5	18.2	53.6	53.3	52.9	438	438	294	40.54	39.46	39.43
59	1	1	3	3	3.31	3.36	3.24	18.6	18.4	18.0	53.6	53.3	52.9	438	438	294	40.54	39.46	39.43
60	1	1	3	4	3.25	3.20	3.11	17.9	17.8	17.4	53.6	53.3	52.9	438	438	294	40.54	39.46	39.43
61	1	1	4	1	5.50	5.32	5.04	21.6	21.2	20.9	53.6	53.3	52.9	438	438	294	40.54	39.46	39.43
62	1	1	4	2	5.29	5.20	4.93	21.1	20.8	20.7	53.6	53.3	52.9	438	438	294	40.54	39.46	39.43
63	1	1	4	3	4.88	4.76	4.56	19.4	19.3	19.0	53.6	53.3	52.9	438	438	294	40.54	39.46	39.43
64	1	1	4	4	4.91	4.79	4.59	19.1	19.2	19.0	53.6	53.3	52.9	438	438	294	40.54	39.46	39.43

TABLE F.1 TIRE TREAD RAW DATA

PHASE=3

OBS	PHASE	TEST	BRAND	TIRE	RATE1	RATE2	RATE3	BGHT1	BGHT2	BGHT3	TEMP1	TEMP2	TPRP3	WEI1	WPT2	WPT3	ROM1	ROM2	ROM3
65	3	6	1	1	3.83	3.75	3.74	25.0	24.7	24.6	88.2	88.1	RR.3	233	275	198	85.82	85.71	88.69
66	3	6	1	2	3.88	3.83	3.84	25.9	25.4	25.2	88.2	88.1	RR.3	233	275	198	85.82	85.71	88.69
67	3	6	1	3	3.66	3.61	3.60	24.8	24.5	24.4	88.2	88.1	RR.3	233	275	198	85.82	85.71	88.69
68	3	6	1	4	3.87	3.83	3.72	24.6	24.3	24.0	88.2	88.1	RR.3	233	275	198	85.82	85.71	88.69
69	3	6	2	1	3.68	3.65	3.66	23.8	23.5	23.5	88.2	88.1	RR.3	233	275	198	85.82	85.71	88.69
70	3	6	2	2	4.83	4.70	4.65	26.2	26.0	25.7	88.2	88.1	RR.3	233	275	198	85.82	85.71	88.69
71	3	6	2	3	3.88	3.71	3.68	24.5	24.4	24.3	88.2	88.1	RR.3	233	275	198	85.82	85.71	88.69
72	3	6	2	4	3.05	3.02	3.03	21.4	21.2	20.9	88.2	88.1	RR.3	233	275	198	85.82	85.71	88.69
73	3	6	3	1	5.71	5.57	5.48	26.3	25.8	25.3	88.2	88.1	RR.3	233	275	198	85.82	85.71	88.69
74	3	6	3	2	5.55	5.37	5.39	26.0	25.6	25.2	88.2	88.1	RR.3	233	275	198	85.82	85.71	88.69
75	3	6	3	3	5.74	5.55	5.39	26.0	25.6	25.2	88.2	88.1	RR.3	233	275	198	85.82	85.71	88.69
76	3	6	3	4	5.54	5.31	5.13	26.7	26.2	25.6	88.2	88.1	RR.3	233	275	198	85.82	85.71	88.69
77	3	6	4	1	8.10	7.82	7.66	31.1	30.9	30.4	88.2	88.1	RR.3	233	275	198	85.82	85.71	88.69
78	3	6	4	2	8.81	8.40	7.93	32.9	32.5	31.8	88.2	88.1	RR.3	233	275	198	85.82	85.71	88.69
79	3	6	4	3	8.08	7.81	7.57	31.8	31.3	30.7	88.2	88.1	RR.3	233	275	198	85.82	85.71	88.69
80	3	6	4	4	8.59	8.31	8.15	33.4	33.1	32.6	88.2	88.1	RR.3	233	275	198	85.82	85.71	88.69
81	3	7	1	1	3.66	3.58	3.58	24.5	24.0	23.4	90.0	89.6	RR.8	271	324	234	88.55	88.63	87.76
82	3	7	1	2	3.88	3.74	3.72	24.4	23.9	23.6	90.0	89.6	RR.8	271	324	234	88.55	88.63	87.76
83	3	7	1	3	3.59	3.49	3.50	24.0	23.6	23.2	90.0	89.6	RR.8	271	324	234	88.55	88.63	87.76
84	3	7	1	4	3.80	3.66	3.65	24.4	24.0	23.4	90.0	89.6	RR.8	271	324	234	88.55	88.63	87.76
85	3	7	2	1	3.50	3.42	3.41	24.6	24.3	23.9	90.0	89.6	RR.8	271	324	234	88.55	88.63	87.76
86	3	7	2	2	3.03	2.94	2.96	20.3	20.4	20.2	90.0	89.6	RR.8	271	324	234	88.55	88.63	87.76
87	3	7	2	3	3.50	3.46	3.46	23.6	23.3	22.9	90.0	89.6	RR.8	271	324	234	88.55	88.63	87.76
88	3	7	2	4	5.03	4.78	4.71	21.2	20.7	20.0	90.0	89.6	RR.8	271	324	234	88.55	88.63	87.76
89	3	7	3	1	4.95	4.82	4.73	25.4	25.0	24.4	90.0	89.6	RR.8	271	324	234	88.55	88.63	87.76
90	3	7	3	2	5.32	5.07	4.85	24.1	23.7	23.2	90.0	89.6	RR.8	271	324	234	88.55	88.63	87.76
91	3	7	3	3	5.19	5.12	5.08	25.0	24.6	24.2	90.0	89.6	RR.8	271	324	234	88.55	88.63	87.76
92	3	7	3	4	5.07	4.98	4.99	25.8	25.3	24.8	90.0	89.6	RR.8	271	324	234	88.55	88.63	87.76
93	3	7	4	1	7.51	7.31	7.20	29.7	29.4	29.0	90.0	89.6	RR.8	271	324	234	88.55	88.63	87.76
94	3	7	4	2	8.50	8.21	7.88	32.4	32.0	31.4	90.0	89.6	RR.8	271	324	234	88.55	88.63	87.76
95	3	7	4	3	7.87	7.61	7.40	30.7	30.3	29.9	90.0	89.6	RR.8	271	324	234	88.55	88.63	87.76
96	3	7	4	4	7.48	7.28	7.18	29.6	29.2	28.8	90.0	89.6	RR.8	271	324	234	88.55	88.63	87.76
97	3	8	1	1	3.52	3.51	3.36	23.3	23.0	22.6	78.6	78.4	78.1	0	25	25	84.84	84.85	88.67
98	3	8	1	2	3.25	3.34	3.25	23.1	22.9	22.4	78.6	78.4	78.1	0	25	25	84.84	84.85	88.67
99	3	8	1	3	3.45	3.51	3.49	23.2	23.0	22.7	78.6	78.4	78.1	0	25	25	84.84	84.85	88.67
100	3	8	1	4	4.58	4.59	4.48	25.3	25.1	24.8	78.6	78.4	78.1	0	25	25	84.84	84.85	88.67
101	3	8	2	1	4.58	4.59	4.48	25.3	25.1	24.8	78.6	78.4	78.1	0	25	25	84.84	84.85	88.67
102	3	8	2	2	3.00	3.01	3.13	20.7	20.4	20.1	78.6	78.4	78.1	0	25	25	84.84	84.85	88.67
103	3	8	2	3	4.20	4.15	4.22	24.0	23.7	23.6	78.6	78.4	78.1	0	25	25	84.84	84.85	88.67
104	3	8	2	4	4.27	4.21	4.25	24.0	23.7	23.6	78.6	78.4	78.1	0	25	25	84.84	84.85	88.67
105	3	8	3	1	5.19	5.06	4.90	24.7	24.3	23.7	78.6	78.4	78.1	0	25	25	84.84	84.85	88.67
106	3	8	3	2	5.07	4.97	4.93	24.5	24.1	23.7	78.6	78.4	78.1	0	25	25	84.84	84.85	88.67
107	3	8	3	3	5.19	5.08	4.93	24.5	24.1	23.7	78.6	78.4	78.1	0	25	25	84.84	84.85	88.67
108	3	8	3	4	5.32	5.19	4.97	24.7	24.4	23.7	78.6	78.4	78.1	0	25	25	84.84	84.85	88.67
109	3	8	4	1	7.31	7.22	7.15	28.2	28.2	27.9	78.6	78.4	78.1	0	25	25	84.84	84.85	88.67
110	3	8	4	2	7.98	7.74	7.48	29.2	29.5	28.8	78.6	78.4	78.1	0	25	25	84.84	84.85	88.67
111	3	8	4	3	7.25	7.03	7.07	28.4	28.0	27.7	78.6	78.4	78.1	0	25	25	84.84	84.85	88.67
112	3	8	4	4	7.34	7.18	7.07	28.4	28.0	27.7	78.6	78.4	78.1	0	25	25	84.84	84.85	88.67
113	3	9	1	1	3.33	3.23	3.25	22.0	21.9	21.6	77.0	76.9	77.3	13	28	22	86.69	86.78	87.69
114	3	9	1	2	3.40	3.38	3.34	22.1	21.9	21.7	77.0	76.9	77.3	13	28	22	86.69	86.78	87.69
115	3	9	1	3	3.33	3.28	3.19	21.7	21.6	21.3	77.0	76.9	77.3	13	28	22	86.69	86.78	87.69
116	3	9	1	4	3.45	3.39	3.21	22.6	22.3	21.9	77.0	76.9	77.3	13	28	22	86.69	86.78	87.69
117	3	9	2	1	4.62	4.52	4.21	24.0	23.8	23.4	77.0	76.9	77.3	13	28	22	86.69	86.78	87.69
118	3	9	2	2	4.56	4.45	4.17	24.0	23.8	23.4	77.0	76.9	77.3	13	28	22	86.69	86.78	87.69
119	3	9	2	3	4.10	4.06	3.87	24.4	24.1	23.7	77.0	76.9	77.3	13	28	22	86.69	86.78	87.69
120	3	9	2	4	4.14	4.04	3.84	24.3	24.0	23.7	77.0	76.9	77.3	13	28	22	86.69	86.78	87.69
121	3	9	3	1	4.77	4.65	4.50	23.2	23.1	22.8	77.0	76.9	77.3	13	28	22	86.69	86.78	87.69
122	3	9	3	2	4.90	4.76	4.76	22.5	22.4	22.0	77.0	76.9	77.3	13	28	22	86.69	86.78	87.69
123	3	9	3	3	5.01	4.92	4.83	23.2	23.1	23.0	77.0	76.9	77.3	13	28	22	86.69	86.78	87.69
124	3	9	3	4	4.91	4.77	4.57	24.5	24.3	23.9	77.0	76.9	77.3	13	28	22	86.69	86.78	87.69
125	3	9	4	1	7.34	7.15	6.89	26.5	26.3	26.0	77.0	76.9	77.3	13	28	22	86.69	86.78	87.69
126	3	9	4	2	7.50	7.31	7.05	26.3	26.2	25.9	77.0	76.9	77.3	13	28	22	86.69	86.78	87.69
127	3	9	4	3	7.68	7.40	7.19	26.4	26.3	26.0	77.0	76.9	77.3	13	28	22	86.69	86.78	87.69
128	3	9	4	4	7.43	7.20	7.11	27.7	27.6	27.4	77.0	76.9	77.3	13	28	22	86.69	86.78	87.69

FIGURE F.1 FREQUENCY HISTOGRAMS
Wear Rate* By Tire Brand
Phase I



R3

R2

R1

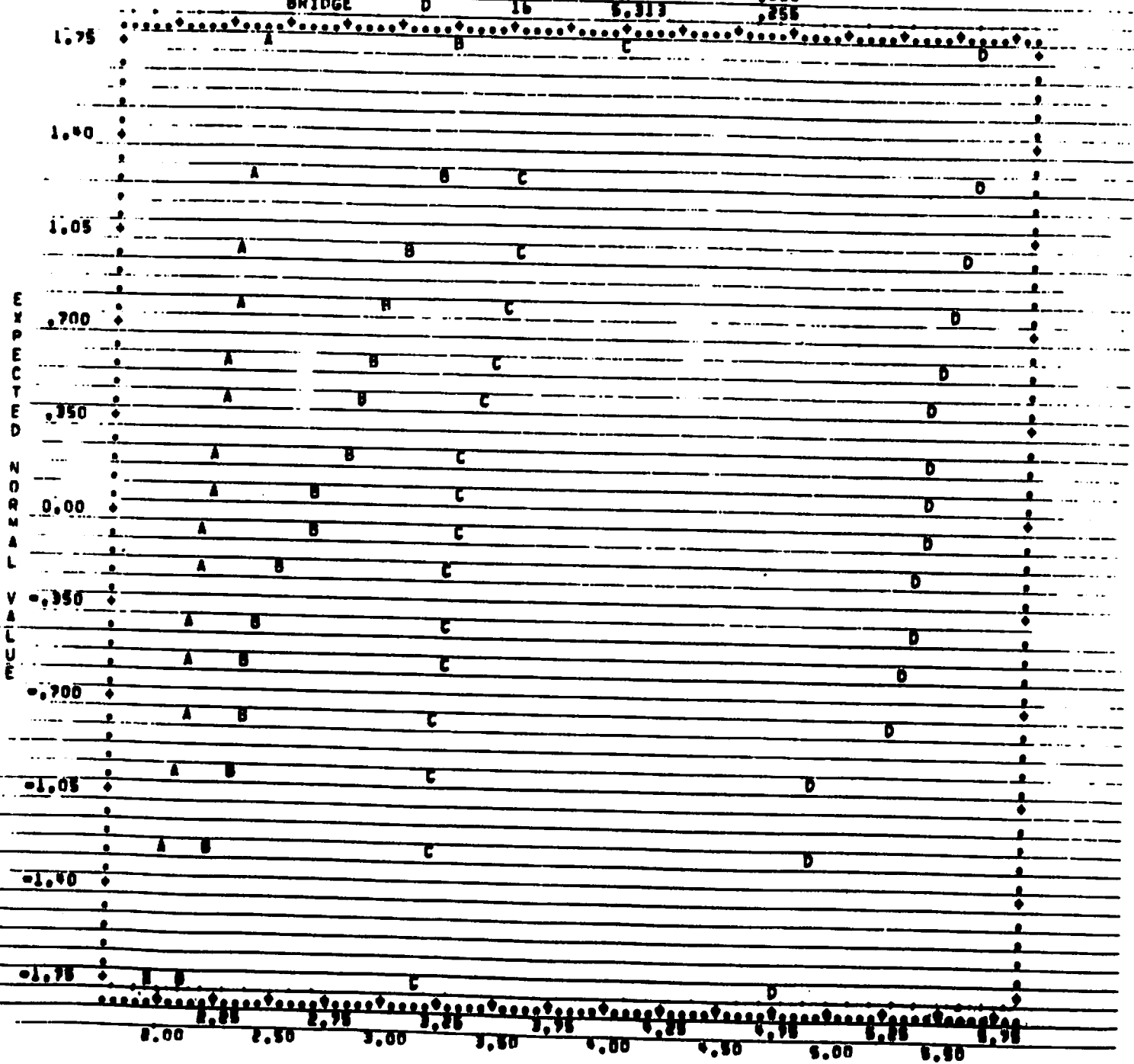
*Mils/1000 Miles

FIGURE F.2 NORMAL PROBABILITY PLOTS
 Wear Rate* by Tire Brand
 Phase I
 R1

NORMAL PLOT OF VARIABLE

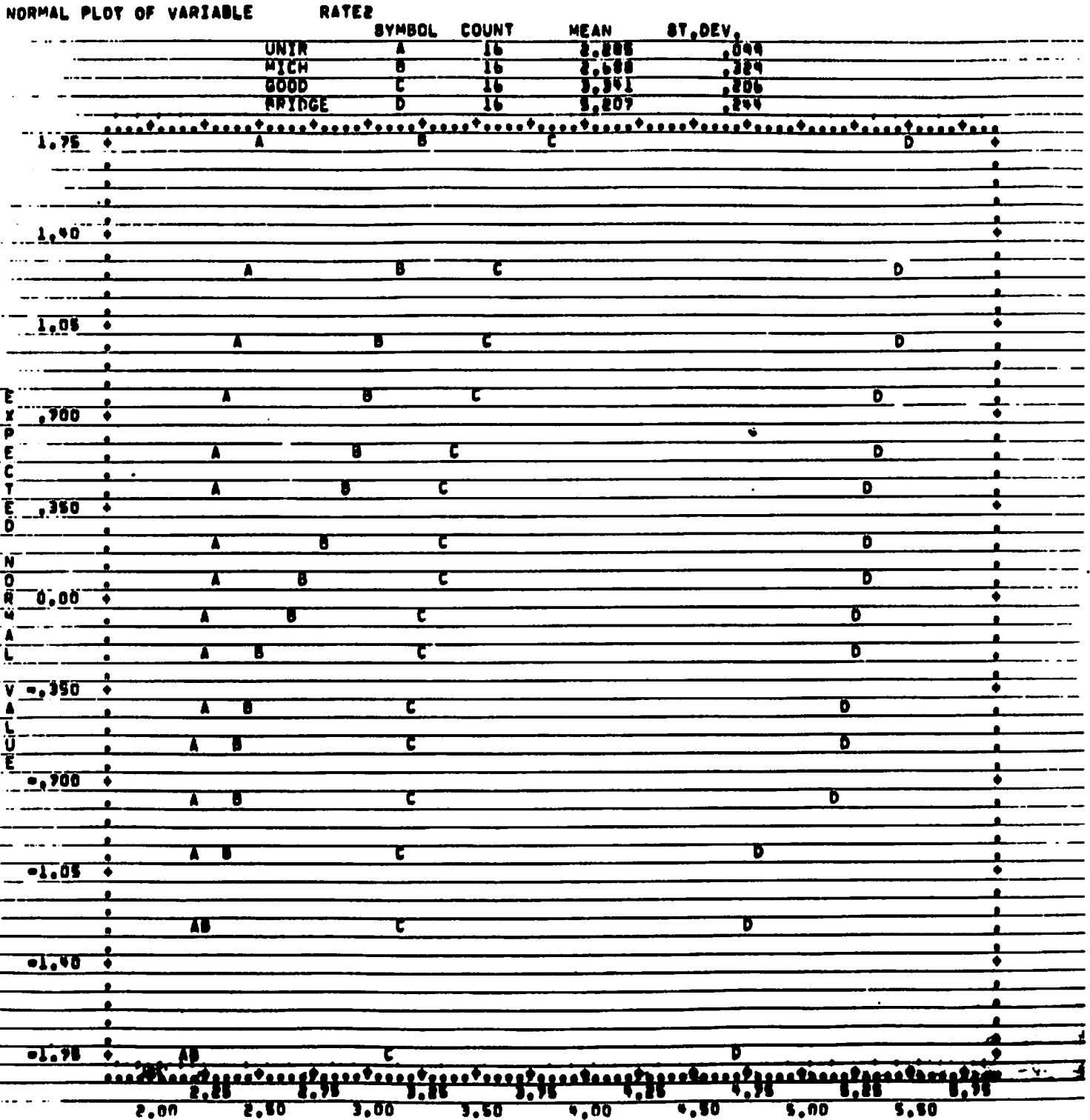
RATE1

	SYMBOL	COUNT	MEAN	ST. DEV.
UNYR	A	16	2.187	.120
WICH	B	16	2.658	.361
GOOD	C	16	3.363	.218
BRIDGE	D	16	6.313	.255



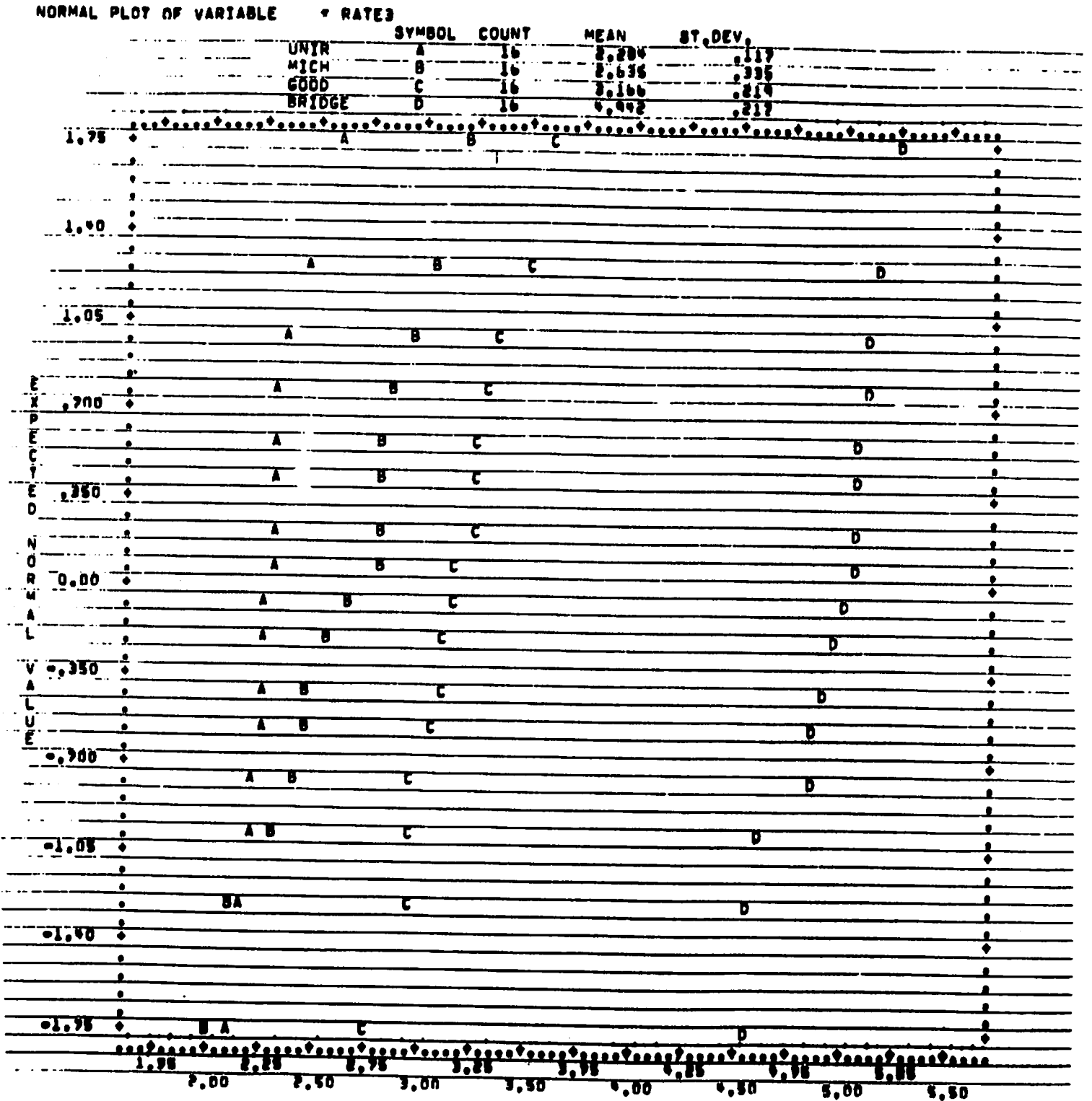
* miles/1000 miles

FIGURE F.2 NORMAL PROBABILITY PLOTS
Wear Rate* by Tire Brand
Phase I
R2



* miles/1000 miles

FIGURE F.2 NORMAL PROBABILITY PLOTS
Wear Rate* by Tire Brand
Phase I
R3



* mils/1000 miles

FIGURE F.3 FREQUENCY HISTOGRAMS
Wear Rate* by Tire Brand
Phase III

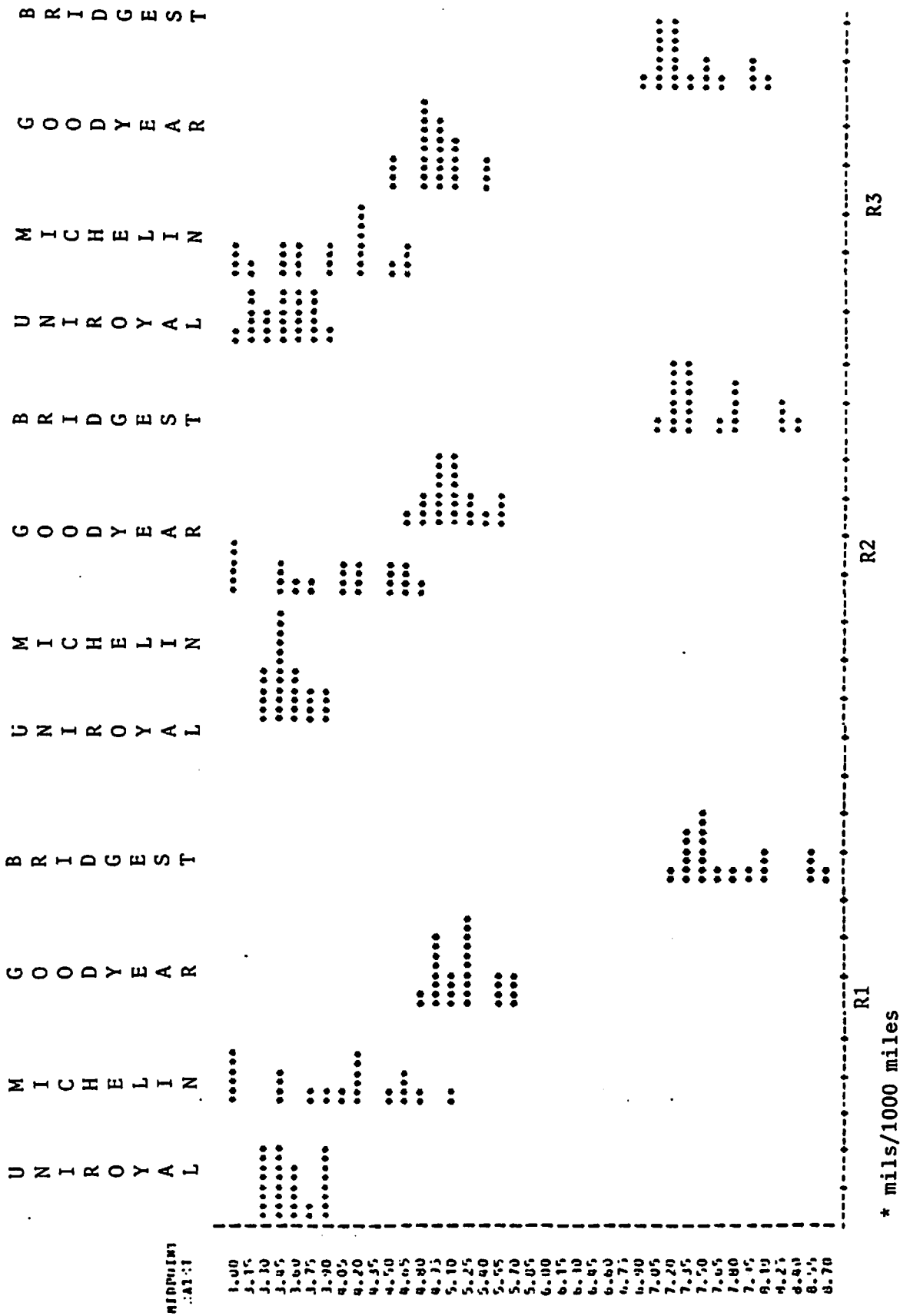
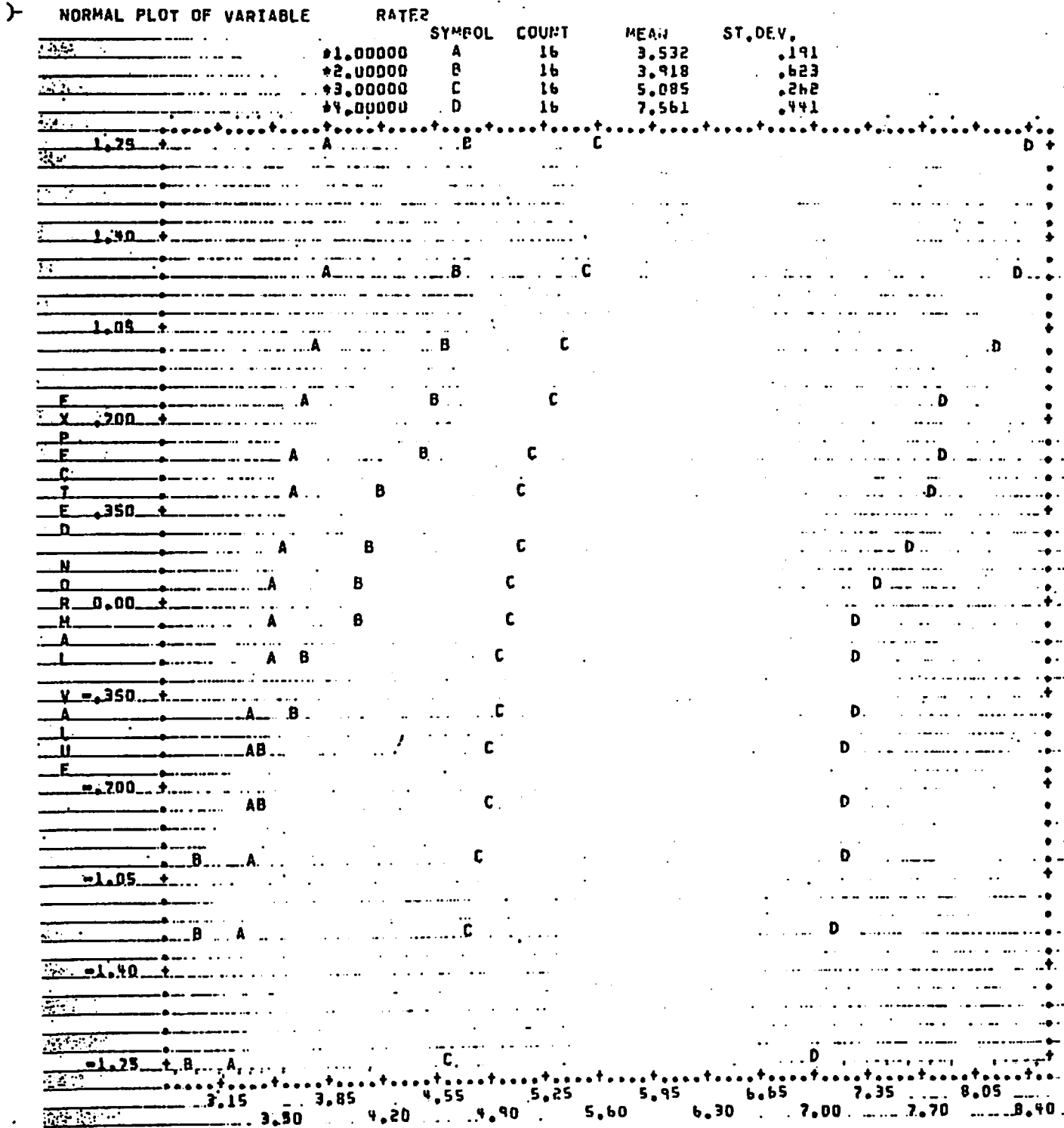


FIGURE F.4
 NORMAL PROBABILITY PLOTS
 Wear Rate* By Tire Brand

Phase III
 R2



*Mils/1000 Miles

FIGURE F.4
 NORMAL PROBABILITY PLOTS
 Wear Rate* By Tire Brand

Phase III
 R3

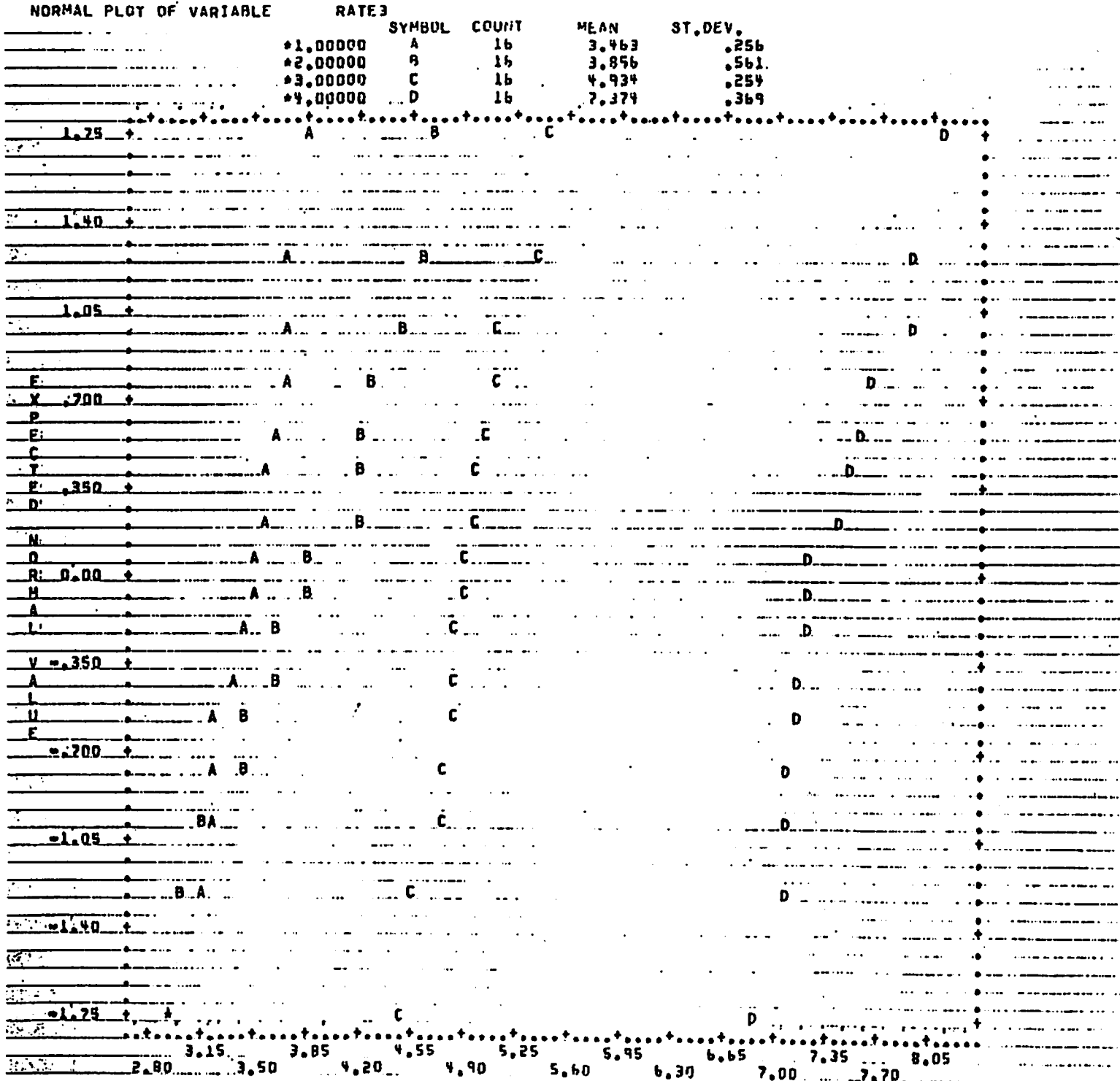
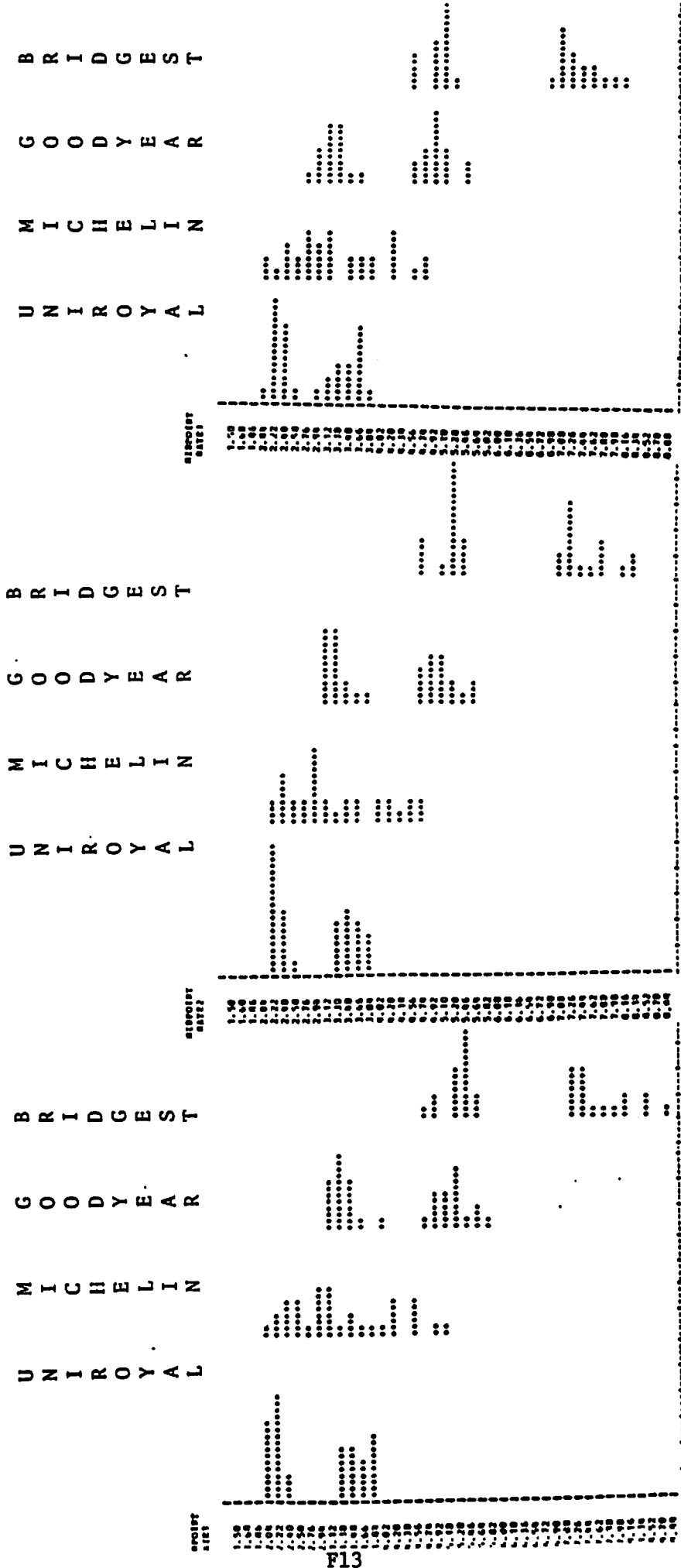


FIGURE F.5 FREQUENCY HISTOGRAMS
Wear Rate* By Tire Brand
Phase I and Phase III Combined



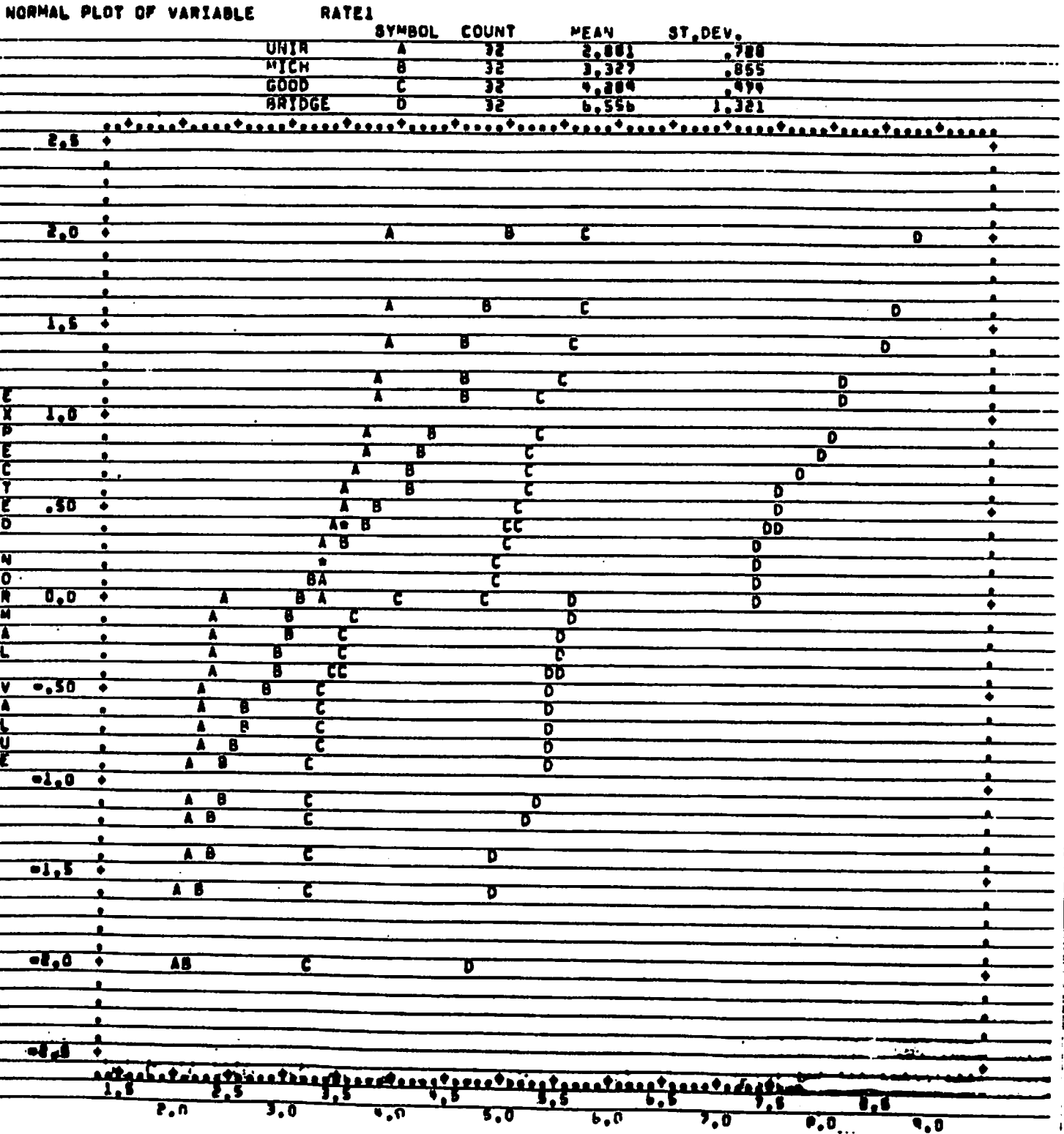
R3

R2

R1

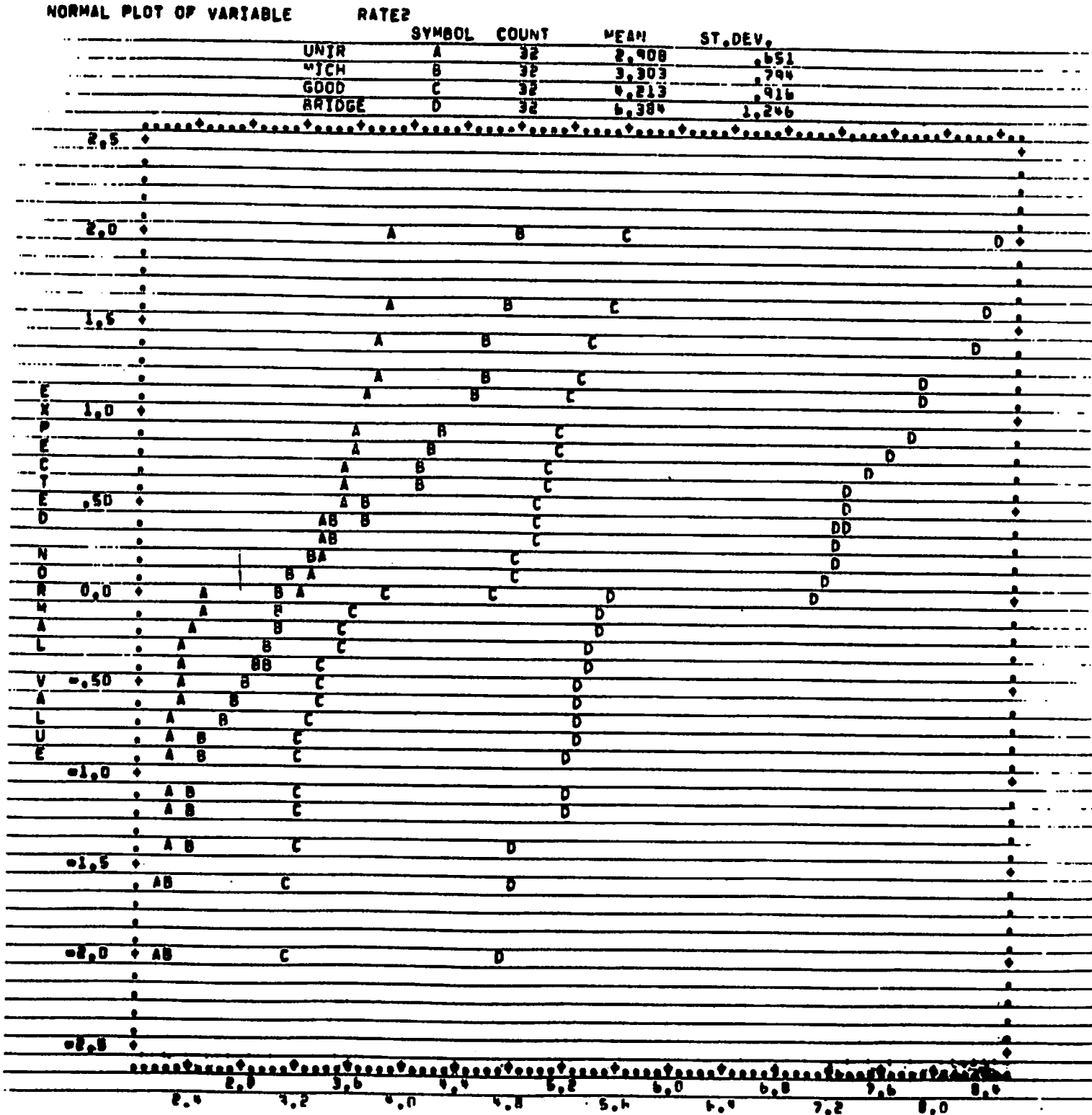
* Mils/1000 miles

FIGURE F.6 NORMAL PROBABILITY PLOTS
 Wear Rate* by Tire Brand
 Phase I and Phase III Combined
 R1



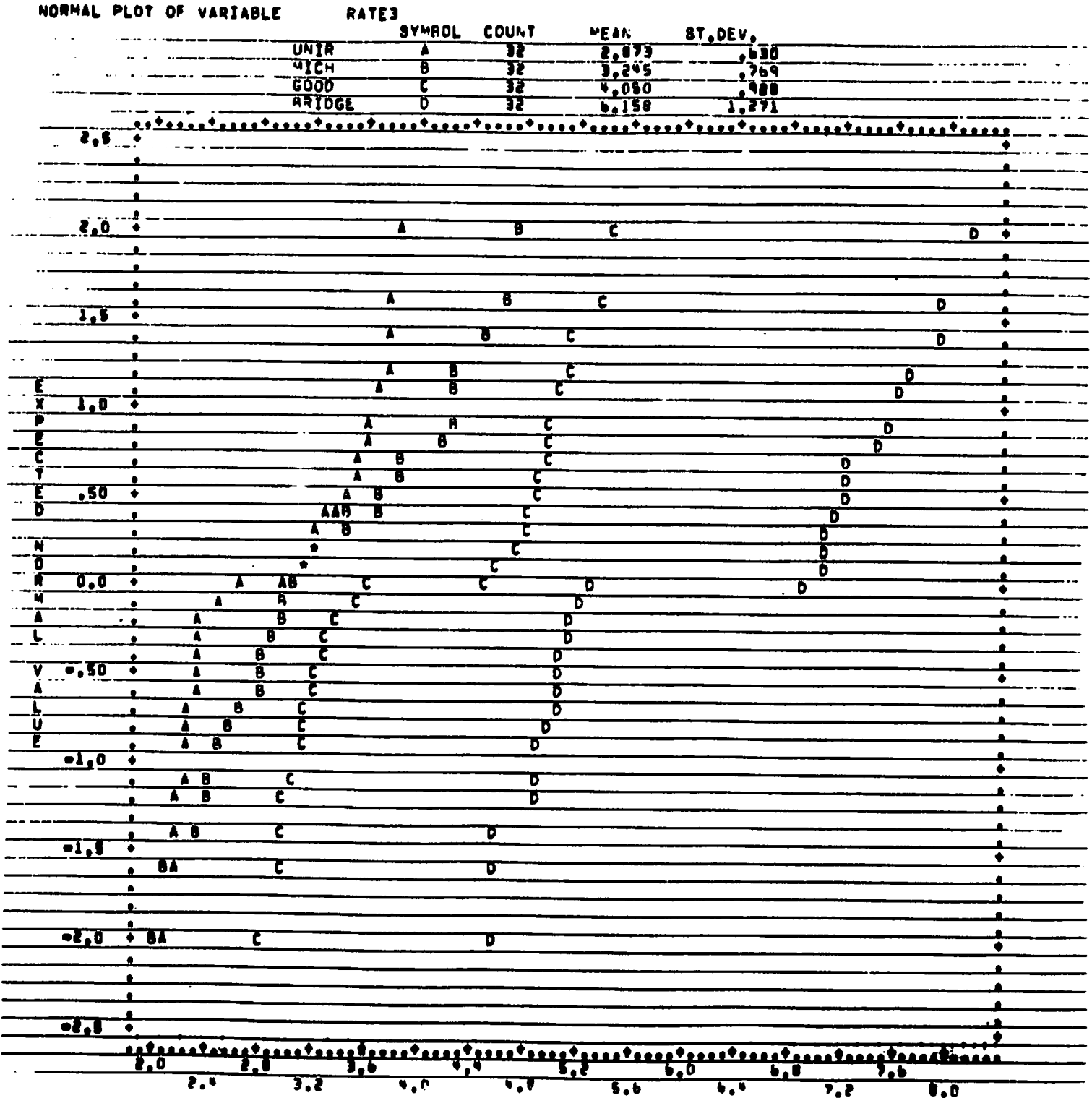
* mils/1000 miles

FIGURE F.6 NORMAL PROBABILITY PLOTS
 Wear Rate* by Tire Brand
 Phase I and Phase III Combined
 R2



* mils/1000 miles

FIGURE F.6 NORMAL PROBABILITY PLOTS
 Wear Rate* by Tire Brand
 Phase I and Phase III Combined
 R3



* mils/1000 miles

TABLE F.2 RELATIVE WEAR RATES*
Phase I

SAS

PHASE=1

OBS	PHASE	TEST	BRAND	TIRE	REL1	REL2	REL3	WRRL1	WRRL2	WRRL3
1	1	1	1	1	0.96663	1.06968	0.96975	1.01509	1.01798	1.01808
2	1	1	1	2	1.03533	1.10402	1.02758	0.99863	0.99585	1.00139
3	1	1	1	3	0.98135	1.05496	0.99644	0.98217	0.97925	0.97357
4	1	1	1	4	1.01570	1.07949	1.00534	1.00412	1.00692	1.00695
5	1	1	2	1	1.14328	1.17272	1.05872	1.00960	1.01798	1.01252
6	1	1	2	2	1.40338	1.43768	1.24555	1.08093	1.08437	1.07371
7	1	1	2	3	1.12365	1.16290	1.02313	0.99863	1.00138	1.00695
8	1	1	2	4	1.43278	1.50147	1.32117	1.10837	1.11203	1.10709
9	1	1	3	1	1.55054	1.58489	1.37900	1.09191	1.09544	1.10709
10	1	1	3	2	1.73209	1.76644	1.56584	1.07545	1.07884	1.09040
11	1	1	3	3	1.61433	1.65358	1.44573	1.03155	1.04011	1.04590
12	1	1	3	4	1.56035	1.56035	1.39680	1.03704	1.04011	1.04033
13	1	1	4	1	2.71835	2.68891	2.33986	1.25652	1.27248	1.27552
14	1	1	4	2	2.64475	2.63003	2.26423	1.19616	1.20609	1.20723
15	1	1	4	3	2.62512	2.59078	2.23310	1.18519	1.19502	1.19611
16	1	1	4	4	2.57115	2.58587	2.27758	1.20713	1.22822	1.22949
17	1	2	1	1	1.05069	1.04000	1.03306	1.01534	1.00976	1.00282
18	1	2	1	2	0.99539	1.00000	0.99633	0.99303	0.99303	1.00282
19	1	2	1	3	0.97696	0.98222	1.00551	0.98745	0.98745	0.98028
20	1	2	1	4	0.97696	0.97778	0.96419	1.00418	1.00976	1.01408
21	1	2	2	1	0.97235	1.00000	0.96878	1.03766	1.02650	1.03662
22	1	2	2	2	1.41014	1.33778	1.31772	1.03766	1.03208	1.03662
23	1	2	2	3	1.00922	0.98667	0.92746	1.03208	1.01534	1.01408
24	1	2	2	4	1.35484	1.28889	1.28099	1.09344	1.08229	1.08169
25	1	2	3	1	1.46544	1.44000	1.35904	1.05439	1.04881	1.03662
26	1	2	3	2	1.47465	1.37333	1.27181	1.00976	0.99303	0.97865
27	1	2	3	3	1.51152	1.40000	1.34986	1.03766	1.02092	1.00845
28	1	2	3	4	1.49309	1.41778	1.34986	1.06555	1.05439	1.03662
29	1	2	4	1	2.47926	2.35556	2.24977	1.28312	1.26639	1.24507
30	1	2	4	2	2.58525	2.41333	2.32323	1.31102	1.28312	1.27324
31	1	2	4	3	2.47005	2.34222	2.30946	1.26639	1.24965	1.24507
32	1	2	4	4	2.57143	2.42667	2.37374	1.31102	1.29428	1.28451
33	1	3	1	1	0.95575	0.94492	0.96066	0.99571	1.00000	1.00146
34	1	3	1	2	1.00442	0.98305	0.95238	0.99571	0.98844	0.98975
35	1	3	1	3	1.00442	1.01271	1.01035	0.99571	1.00578	1.00732
36	1	3	1	4	1.03540	1.05932	1.07660	1.01288	1.00578	1.00146
37	1	3	2	1	1.16814	1.15254	1.15114	1.08155	1.08671	1.07174
38	1	3	2	2	1.16814	1.11864	1.10145	1.17883	.	.
39	1	3	2	3	1.04867	1.01695	1.00621	1.08155	1.08092	1.07760
40	1	3	2	4	1.40708	1.32627	1.26708	1.16166	1.16185	1.15373
41	1	3	3	1	1.77434	1.63983	1.49896	1.14449	1.14451	1.11274
42	1	3	3	2	1.57965	1.50000	1.38716	1.12160	1.10983	1.09517
43	1	3	3	3	1.52655	1.42797	1.33747	1.05866	1.06358	1.04246
44	1	3	3	4	1.43363	1.34322	1.26294	1.03004	1.02890	1.01903
45	1	3	4	1	2.42035	2.25847	2.08282	1.20744	1.21387	1.21816
46	1	3	4	2	2.38496	2.19915	2.01656	1.20744	1.20809	1.21816
47	1	3	4	3	2.38053	2.19068	2.01656	1.19027	1.19075	1.18887
48	1	3	4	4	2.09735	1.99153	1.87578	1.09871	1.10983	1.10688
49	1	4	1	1	1.05263	1.05353	1.01393	1.03338	1.03682	1.01065
50	1	4	1	2	1.00877	0.98929	0.97041	1.01016	1.00147	0.99239
51	1	4	1	3	0.96491	0.98073	1.00957	0.97533	0.97791	0.99239
52	1	4	1	4	0.97368	0.97645	1.00522	0.98113	0.98380	1.00457
53	1	4	2	1	1.05702	1.07066	1.10096	1.16691	1.16053	1.16286
54	1	4	2	2	1.43421	1.38758	1.39252	1.20174	1.19588	1.20548
55	1	4	2	3	1.09211	1.05353	1.07050	1.10885	1.11929	1.13851
56	1	4	2	4	1.23684	1.19058	1.21845	1.14949	1.15464	1.17504
57	1	4	3	1	1.53947	1.50321	1.42733	1.10885	1.11929	1.12024
58	1	4	3	2	1.49561	1.44754	1.37511	1.09144	1.08984	1.10807
59	1	4	3	3	1.45175	1.43897	1.40992	1.07983	1.08395	1.09589
60	1	4	3	4	1.42544	1.37045	1.35335	1.03919	1.04860	1.05936
61	1	4	4	1	2.41228	2.27837	2.19321	1.25399	1.24890	1.27245
62	1	4	4	2	2.32018	2.22698	2.14534	1.22496	1.22533	1.26027
63	1	4	4	3	2.14035	2.03854	1.98433	1.12627	1.13697	1.15677
64	1	4	4	4	2.15351	2.05139	1.99739	1.10885	1.13108	1.15677

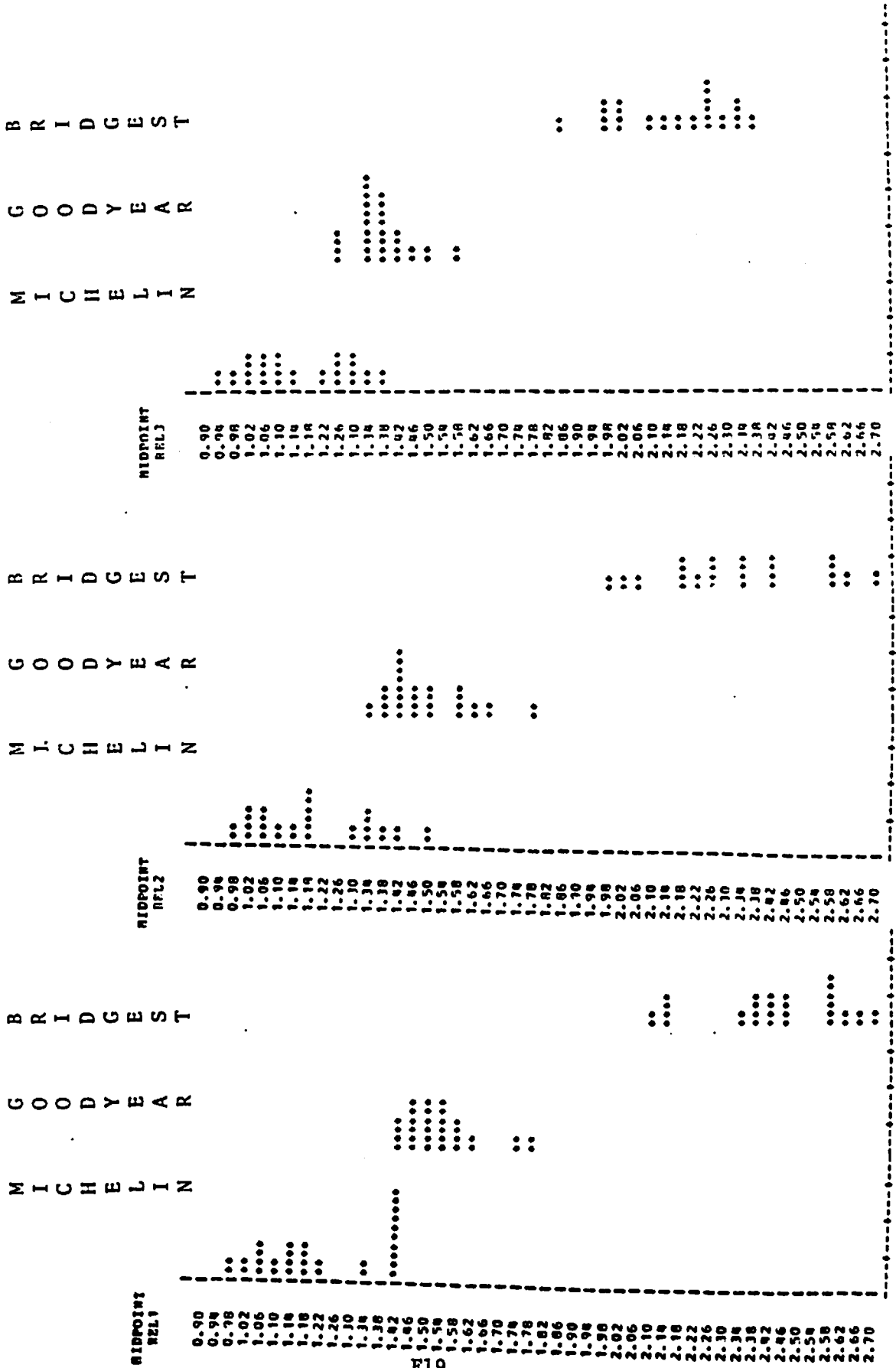
TABLE F.2 RELATIVE WEAR RATES*
Phase III

SAS

PHASE=3

ODS	PHASE	TEST	BRAND	TIRE	REL1	REL2	REL3	WREL1	WREL2	WREL3
65	3	6	1	1	1.00525	0.99734	1.00268	0.99681	0.99879	1.00204
66	3	6	1	2	1.01837	1.01862	1.02949	1.03270	1.02709	1.02648
67	3	6	1	3	0.96063	0.96011	0.96515	0.98884	0.99070	0.99389
68	3	6	1	4	1.01575	1.01862	0.99732	0.98086	0.98261	0.97760
69	3	6	2	1	0.96588	0.97074	0.98123	0.94896	0.96239	0.95723
70	3	6	2	2	1.26772	1.25000	1.24665	1.04466	1.05135	1.04688
71	3	6	2	3	1.00787	0.98670	0.97587	0.97687	0.98666	0.98982
72	3	6	2	4	0.80052	0.80319	0.81233	0.85327	0.85726	0.85132
73	3	6	3	1	1.49869	1.48138	1.45845	1.04864	1.04327	1.03055
74	3	6	3	2	1.45669	1.42819	1.35657	1.03668	1.03518	1.02240
75	3	6	3	3	1.50656	1.47606	1.44504	1.03668	1.03518	1.02648
76	3	6	3	4	1.45407	1.41223	1.37534	1.06459	1.05944	1.04277
77	3	6	4	1	2.12598	2.07979	2.05362	1.24003	1.24949	1.23829
78	3	6	4	2	2.31234	2.23404	2.12601	1.31180	1.31419	1.29532
79	3	6	4	3	2.12073	2.07713	2.02949	1.26794	1.26567	1.25051
80	3	6	4	4	2.25459	2.21011	2.18499	1.33174	1.33846	1.32790
81	3	7	1	1	0.98123	0.98619	0.99169	1.00699	1.00503	1.00000
82	3	7	1	2	1.04021	1.03315	1.03047	1.00288	1.00084	1.00855
83	3	7	1	3	0.96247	0.96409	0.96953	0.98644	0.98827	0.99145
84	3	7	1	4	1.01877	1.01105	1.01108	1.00288	1.00503	1.00000
85	3	7	2	1	0.93834	0.94475	0.94460	1.01110	1.01759	1.02137
86	3	7	2	2	0.81233	0.81215	0.81994	0.83436	0.85427	0.86325
87	3	7	2	3	0.93834	0.94751	0.95845	0.97000	0.97571	0.97863
88	3	7	2	4	1.34853	1.32044	1.30471	1.11796	1.11809	1.11111
89	3	7	3	1	1.32708	1.33149	1.31025	1.04398	1.04690	1.04274
90	3	7	3	2	1.42627	1.40055	1.34349	0.99055	0.99246	0.99145
91	3	7	3	3	1.39142	1.41436	1.40720	1.02754	1.03015	1.03419
92	3	7	3	4	1.35925	1.37569	1.38227	1.06042	1.05946	1.05983
93	3	7	4	1	2.01340	2.01934	1.99446	1.22072	1.23116	1.23932
94	3	7	4	2	2.27882	2.26796	2.18283	1.33169	1.34003	1.34188
95	3	7	4	3	2.10992	2.10221	2.04986	1.26182	1.26884	1.27778
96	3	7	4	4	2.00536	2.01105	1.98892	1.21661	1.22278	1.23077
97	3	8	1	1	1.04142	1.02035	0.99115	1.00518	1.00305	1.04485
98	3	8	1	2	0.96154	0.97093	0.95870	0.99655	0.99869	1.03560
99	3	8	1	3	1.02071	1.02035	1.02950	1.00086	1.00305	1.04947
100	3	8	1	4	0.97929	0.98547	1.02065	0.99655	0.99433	1.04022
101	3	8	2	1	1.35503	1.33430	1.32153	1.09146	1.09464	1.14656
102	3	8	2	2	0.88757	0.87500	0.92330	0.89301	0.88966	0.92926
103	3	8	2	3	1.24260	1.20640	1.24484	1.03538	1.03358	1.09108
104	3	8	2	4	1.26331	1.22384	1.25369	1.03969	1.03794	1.08183
105	3	8	3	1	1.53550	1.47093	1.44543	1.06557	1.05975	1.09570
106	3	8	3	2	1.50000	1.44477	1.42183	1.01812	1.01177	1.04947
107	3	8	3	3	1.53550	1.47674	1.45428	1.05695	1.05102	1.09570
108	3	8	3	4	1.57396	1.50872	1.46608	1.06557	1.06411	1.09570
109	3	8	4	1	2.16272	2.09884	2.10914	1.21657	1.22983	1.28988
110	3	8	4	2	2.36095	2.25000	2.20649	1.25971	1.28652	1.33148
111	3	8	4	3	2.14497	2.04360	2.08555	1.22519	1.22111	1.28063
112	3	8	4	4	2.17160	2.08721	2.08555	1.26833	1.26472	1.32224
113	3	9	1	1	0.98521	0.97289	0.94551	0.99548	0.99863	0.99861
114	3	9	1	2	1.00592	1.01807	1.00641	1.00000	0.99863	1.00324
115	3	9	1	3	0.98521	0.98795	1.02244	0.98190	0.98495	0.98474
116	3	9	1	4	1.02071	1.02108	1.02885	1.02262	1.01687	1.01248
117	3	9	2	1	1.36686	1.36145	1.34936	1.08597	1.08527	1.08183
118	3	9	2	2	1.34911	1.34036	1.33654	1.09955	1.09895	1.09570
119	3	9	2	3	1.21302	1.22289	1.24038	1.10407	1.10807	1.10957
120	3	9	2	4	1.22485	1.21687	1.23077	1.09955	1.09439	1.09570
121	3	9	3	1	1.41124	1.40060	1.44231	1.04977	1.05335	1.05409
122	3	9	3	2	1.44970	1.48494	1.52564	1.01810	1.02143	1.01711
123	3	9	3	3	1.48225	1.48193	1.54808	1.04977	1.05335	1.06334
124	3	9	3	4	1.45266	1.43675	1.46474	1.10860	1.10807	1.10495
125	3	9	4	1	2.17160	2.15361	2.20833	1.19910	1.19927	1.20203
126	3	9	4	2	2.21893	2.20181	2.25962	1.19005	1.19471	1.19741
127	3	9	4	3	2.27219	2.22892	2.30449	1.19457	1.19927	1.20203
128	3	9	4	4	2.19822	2.16867	2.27885	1.25339	1.25855	1.26676

FIGURE F.7 FREQUENCY HISTOGRAMS
Relative Wear Rate* By Tire Brand
Phase I



F19

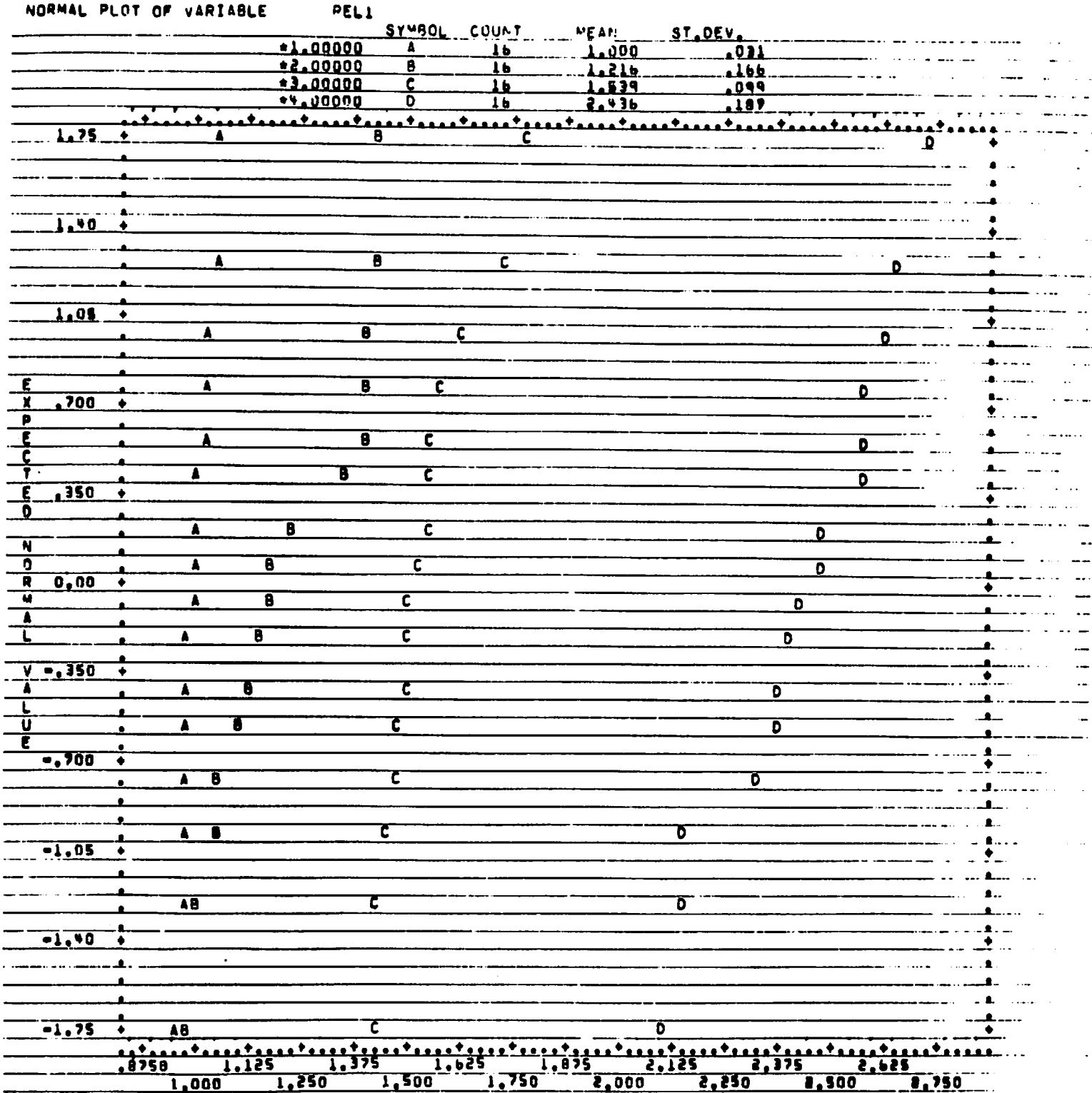
R3

R2

R1

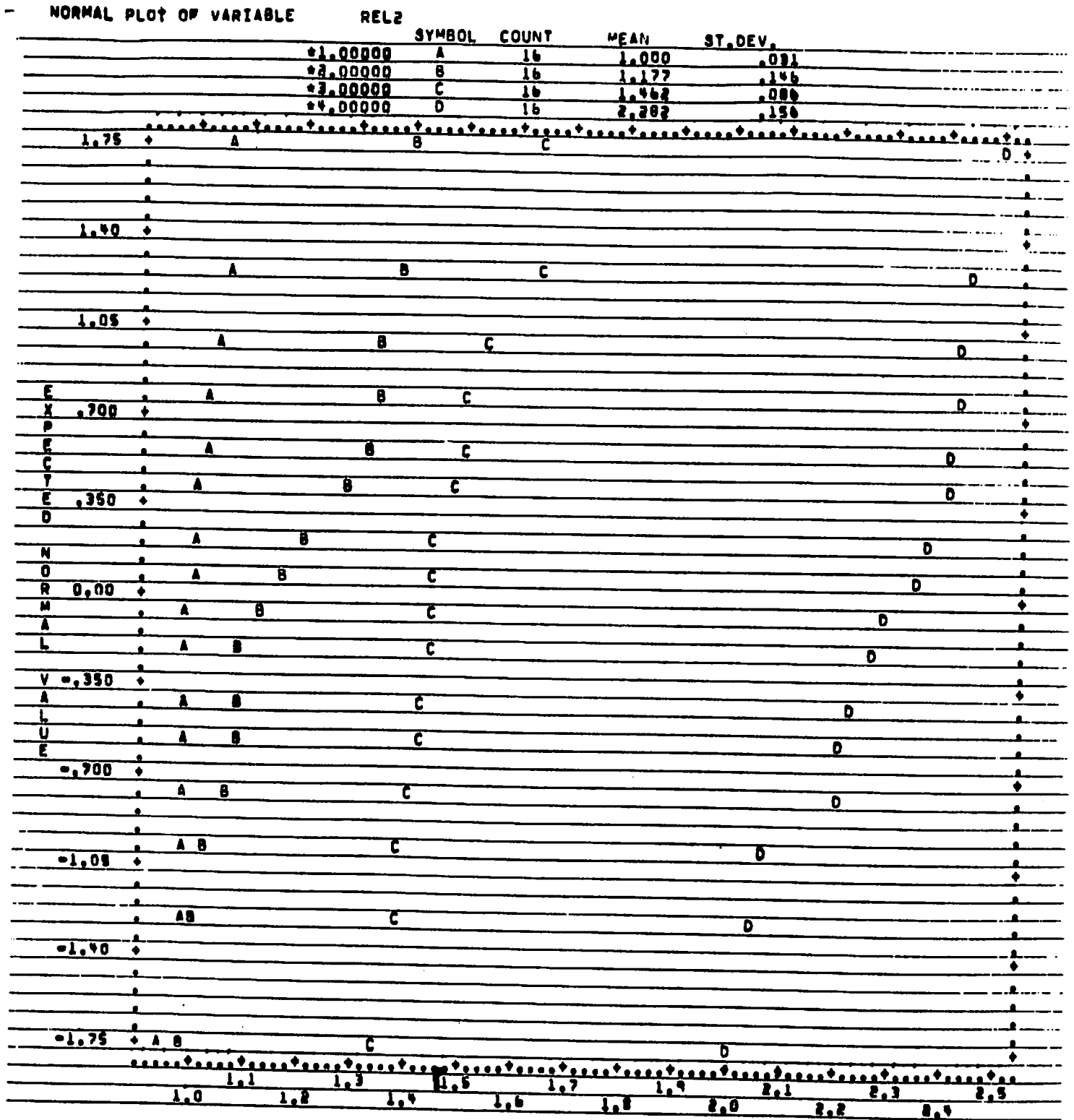
* Mils/1000 Miles

FIGURE F.8 NORMAL PROBABILITY PLOTS
 Relative Wear Rate* by Tire Brand
 Phase I
 R1



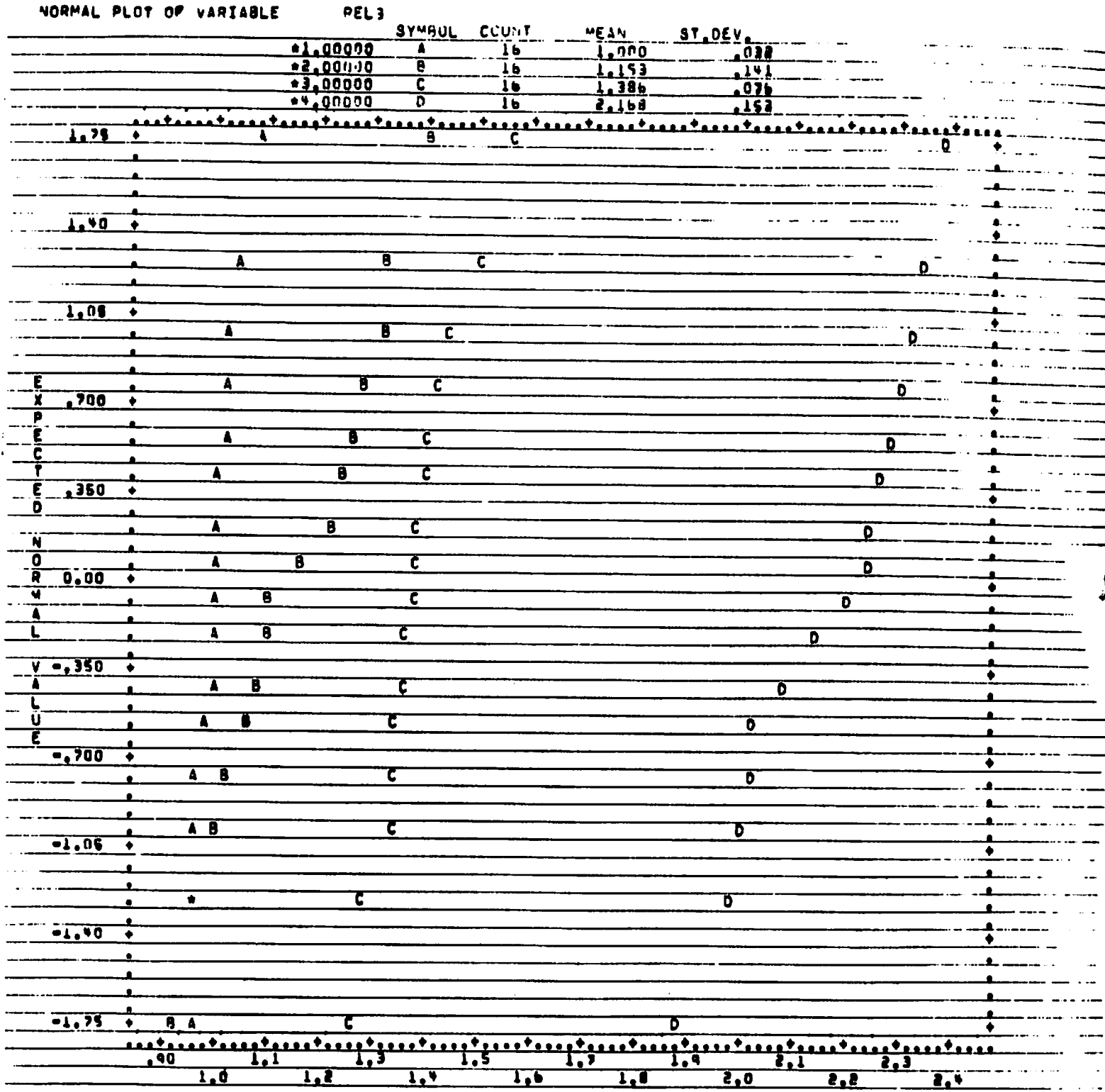
* mils/1000 miles

FIGURE F.8 NORMAL PROBABILITY PLOTS
 Relative Wear Rate* by Tire Brand
 Phase I
 R2



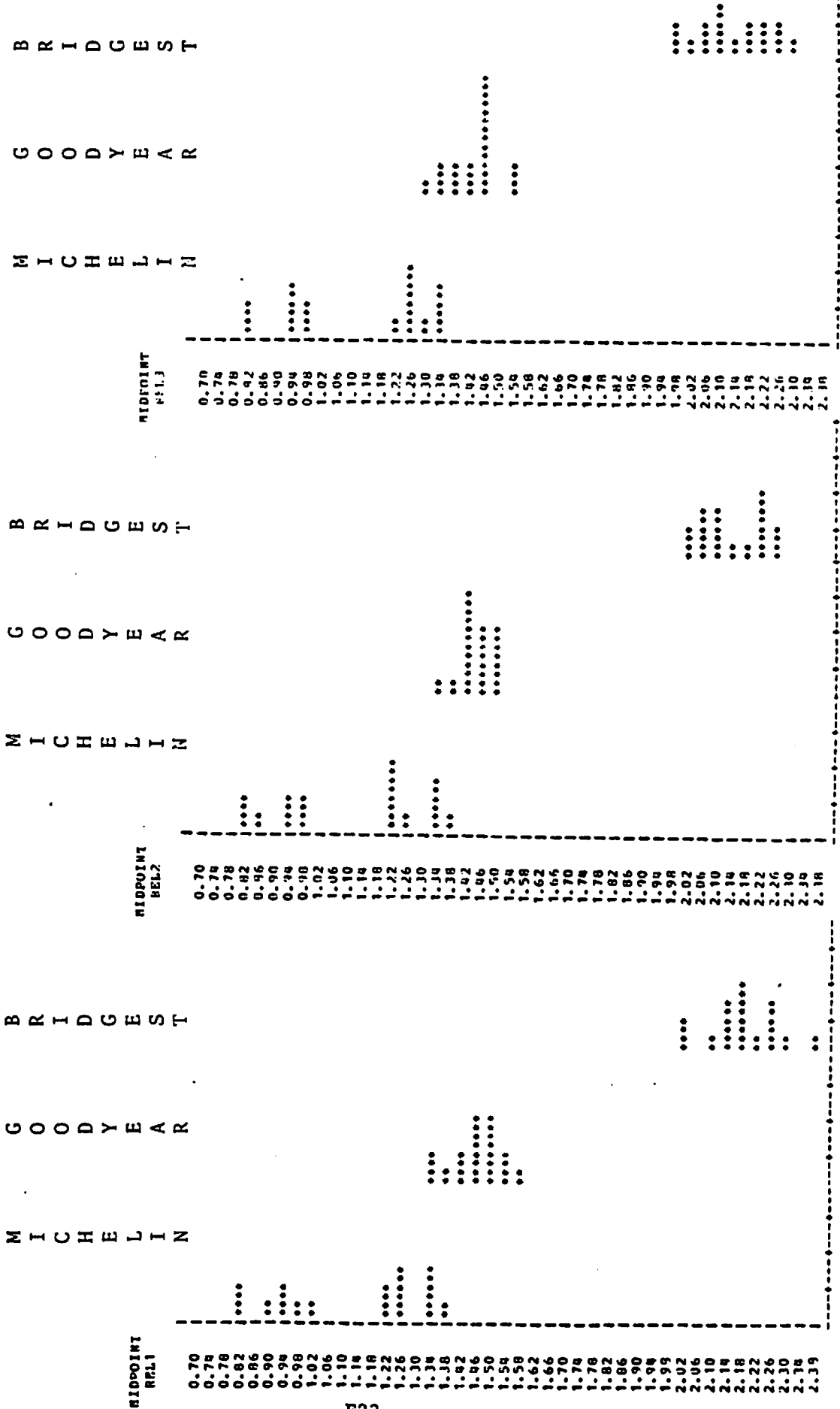
* mils/1000 miles

FIGURE F.8 NORMAL PROBABILITY PLOTS
 Relative Wear Rate* by Tire Brand
 Phase I
 R3



* mils/1000 miles

FIGURE F.9 FREQUENCY HISTOGRAMS
Relative Wear Rate* By Tire Brand
Phase III



F23

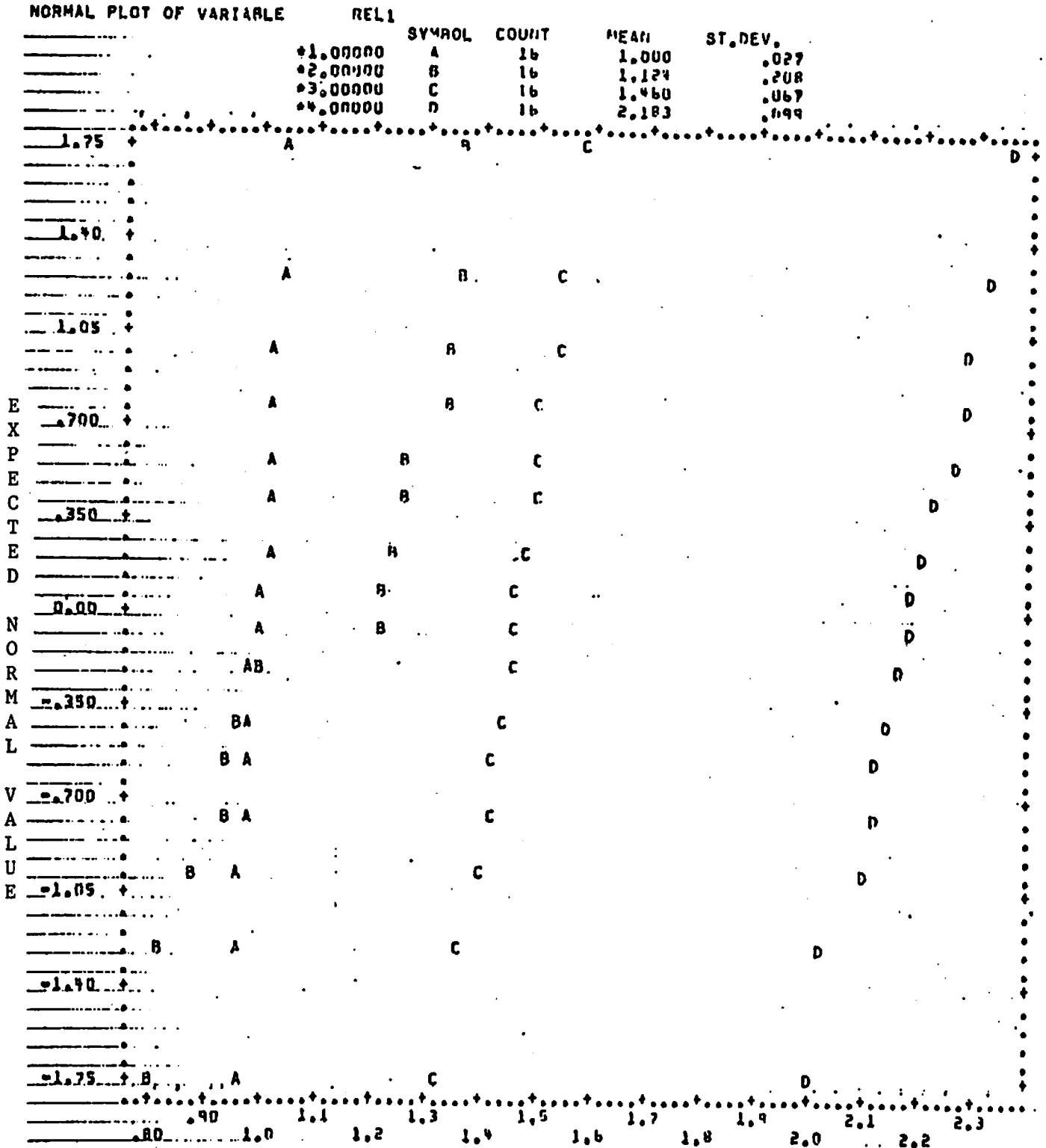
R3

R2

R1

* Mils/1000 Miles

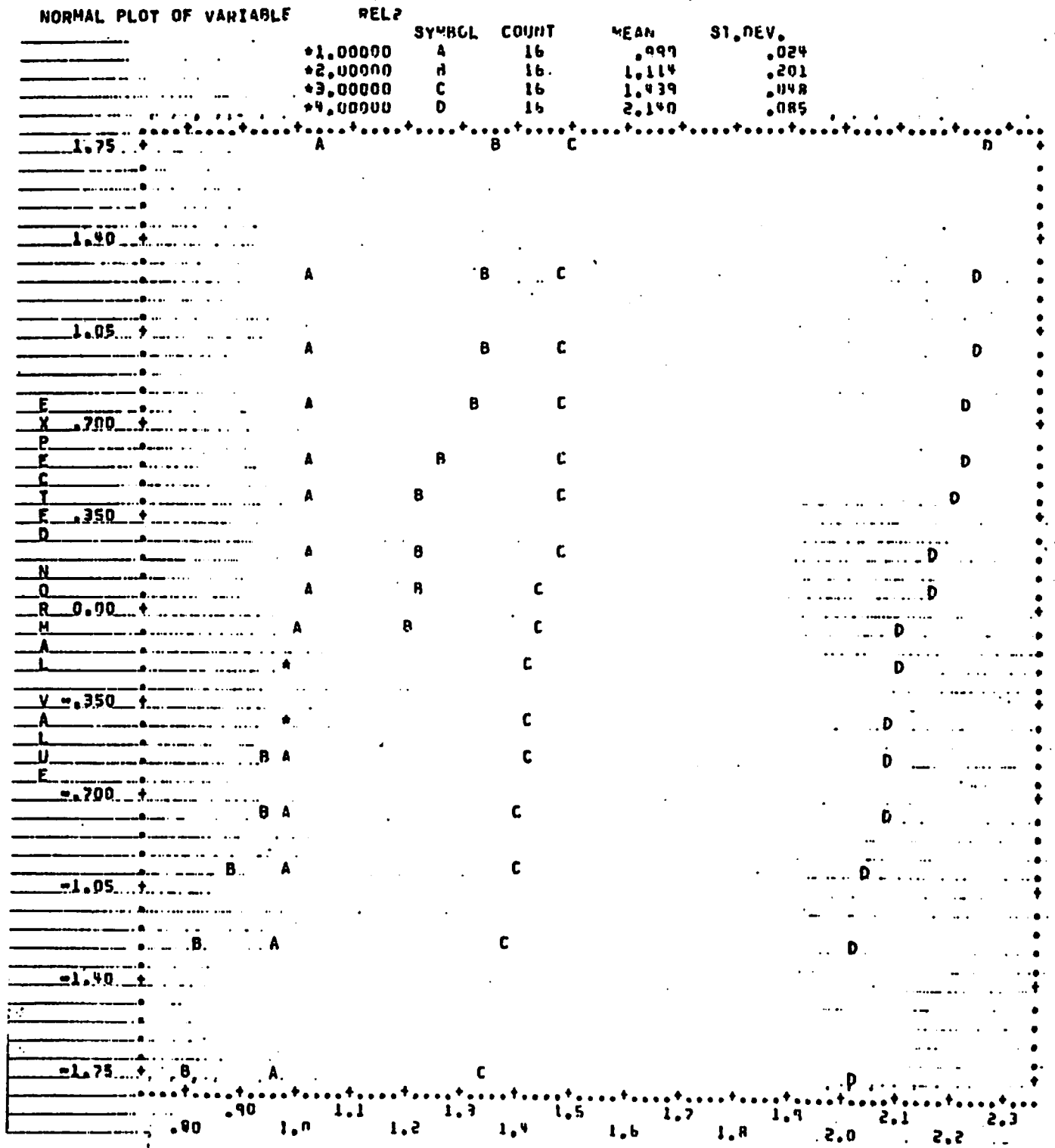
FIGURE F.10
 NORMAL PROBABILITY PLOTS
 Relative Wear Rate* By Tire Brand
 Phase III
 R1



*Mils/1000 Miles

FIGURE F.10

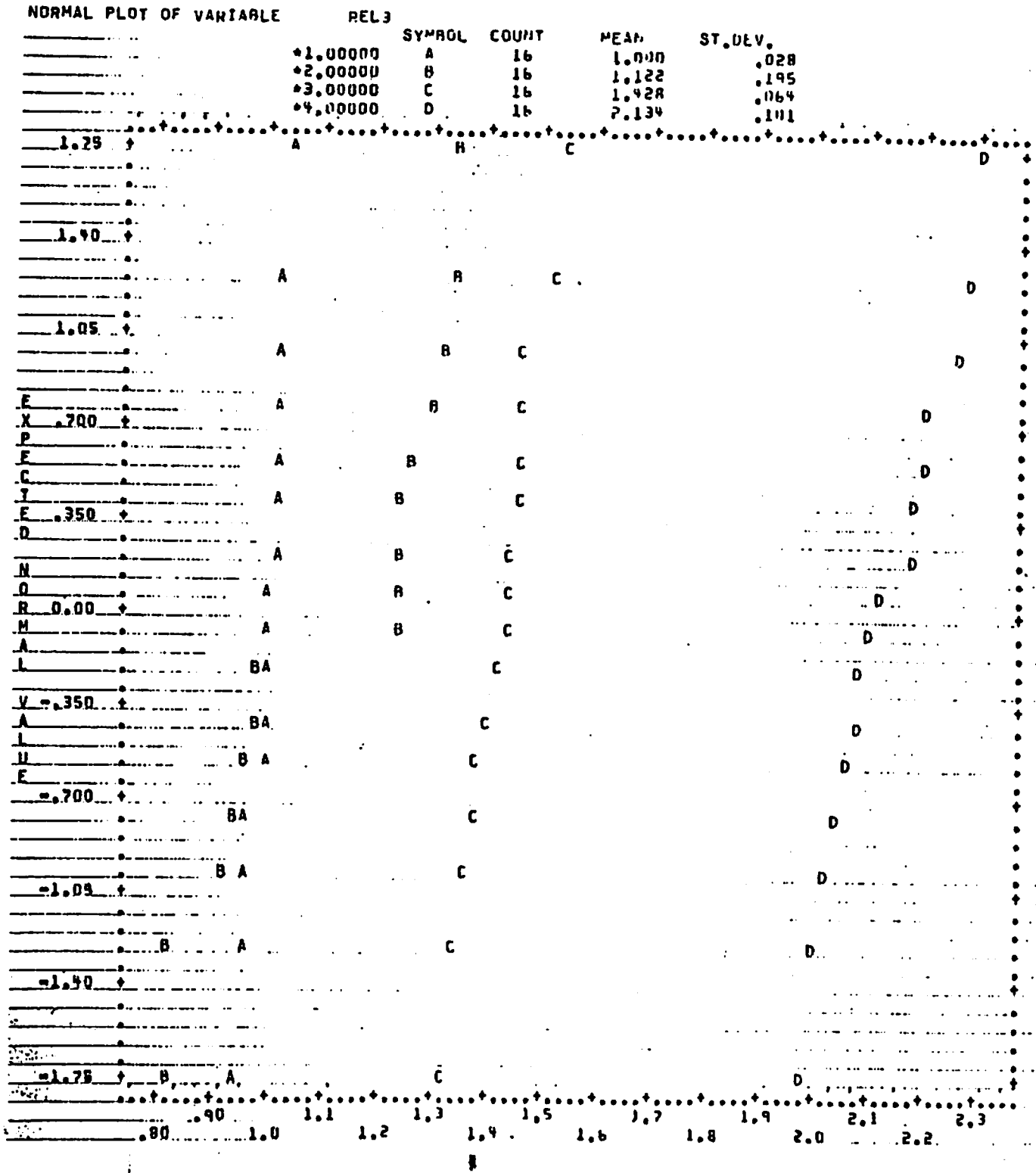
NORMAL PROBABILITY PLOTS
Relative Wear Rate* By Tire Brand
Phase III
R2



*Mils/1000 Miles

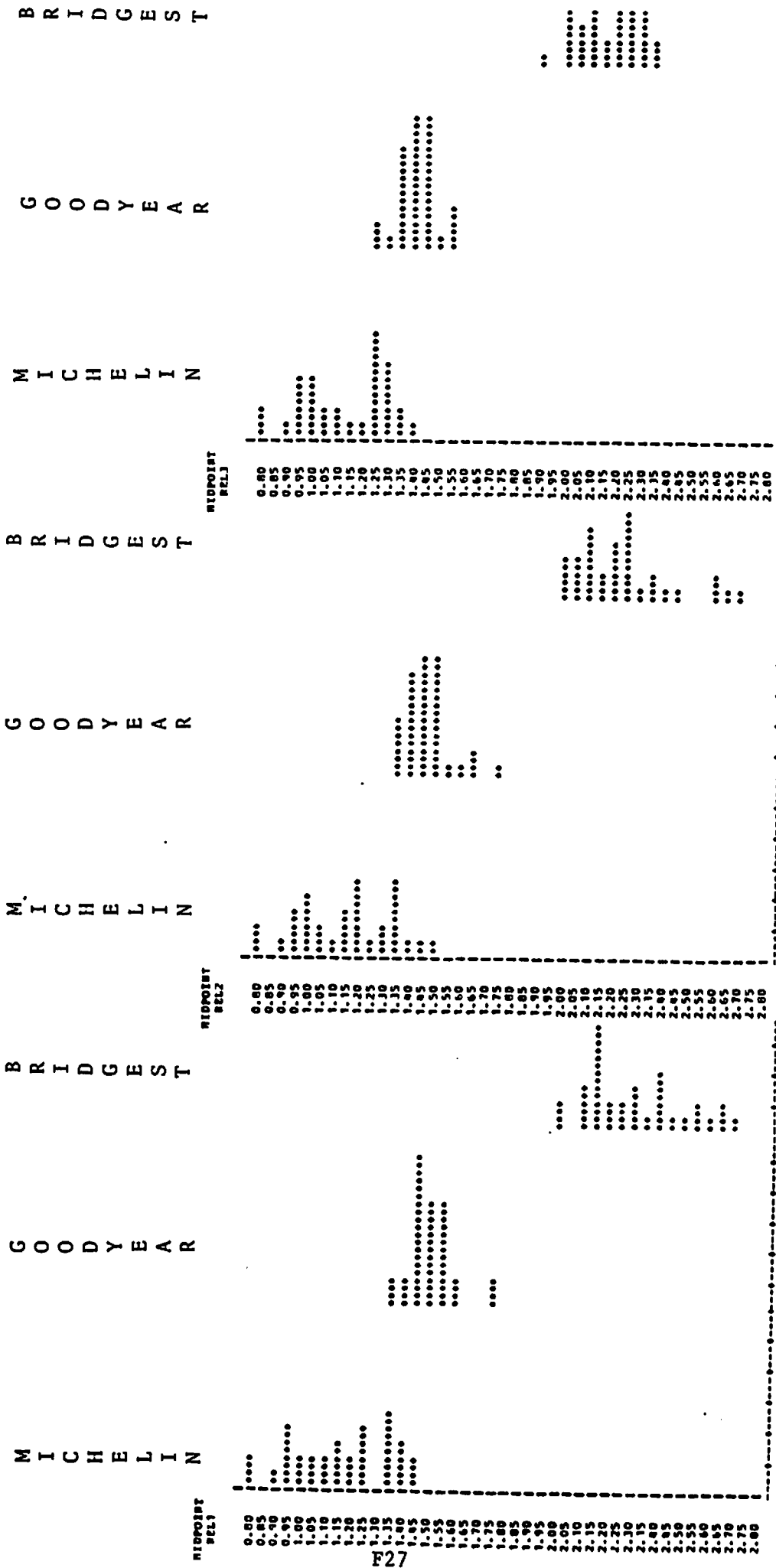
FIGURE F.10

NORMAL PROBABILITY PLOTS
 Relative Wear Rate* By Tire Brand
 Phase III
 R3



*Mils/1000 Miles

FIGURE F.11 FREQUENCY HISTOGRAMS
Relative Wear Rate* By Tire Brand
Phase I and Phase III Combined



R3

R2

R1

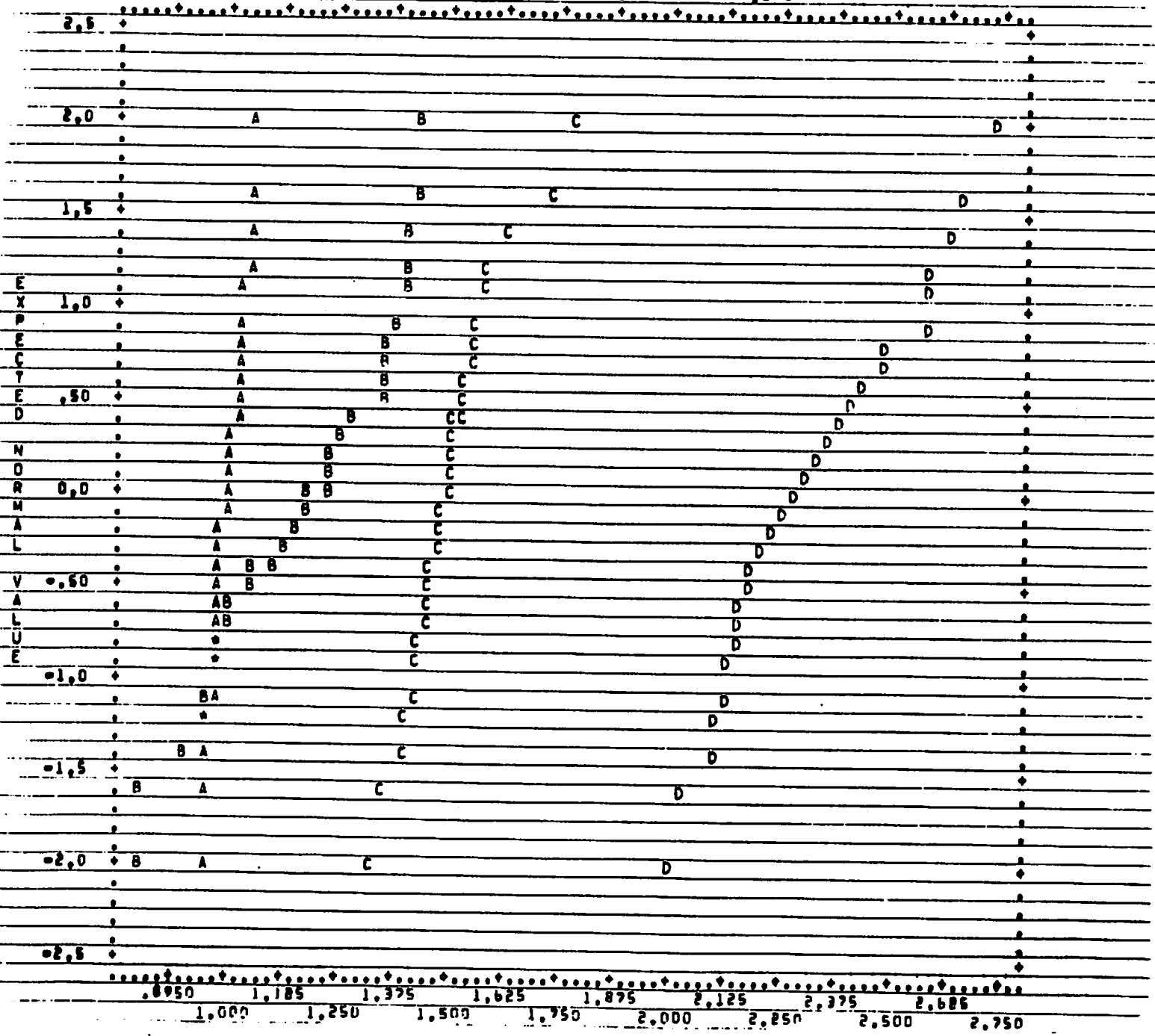
* Mils/1000 Miles

FIGURE F.12 NORMAL PROBABILITY PLOTS
 Relative Wear Rate* by Tire Brand
 Phase I and Phase III Combined
 R1

NORMAL PLOT OF VARIABLE

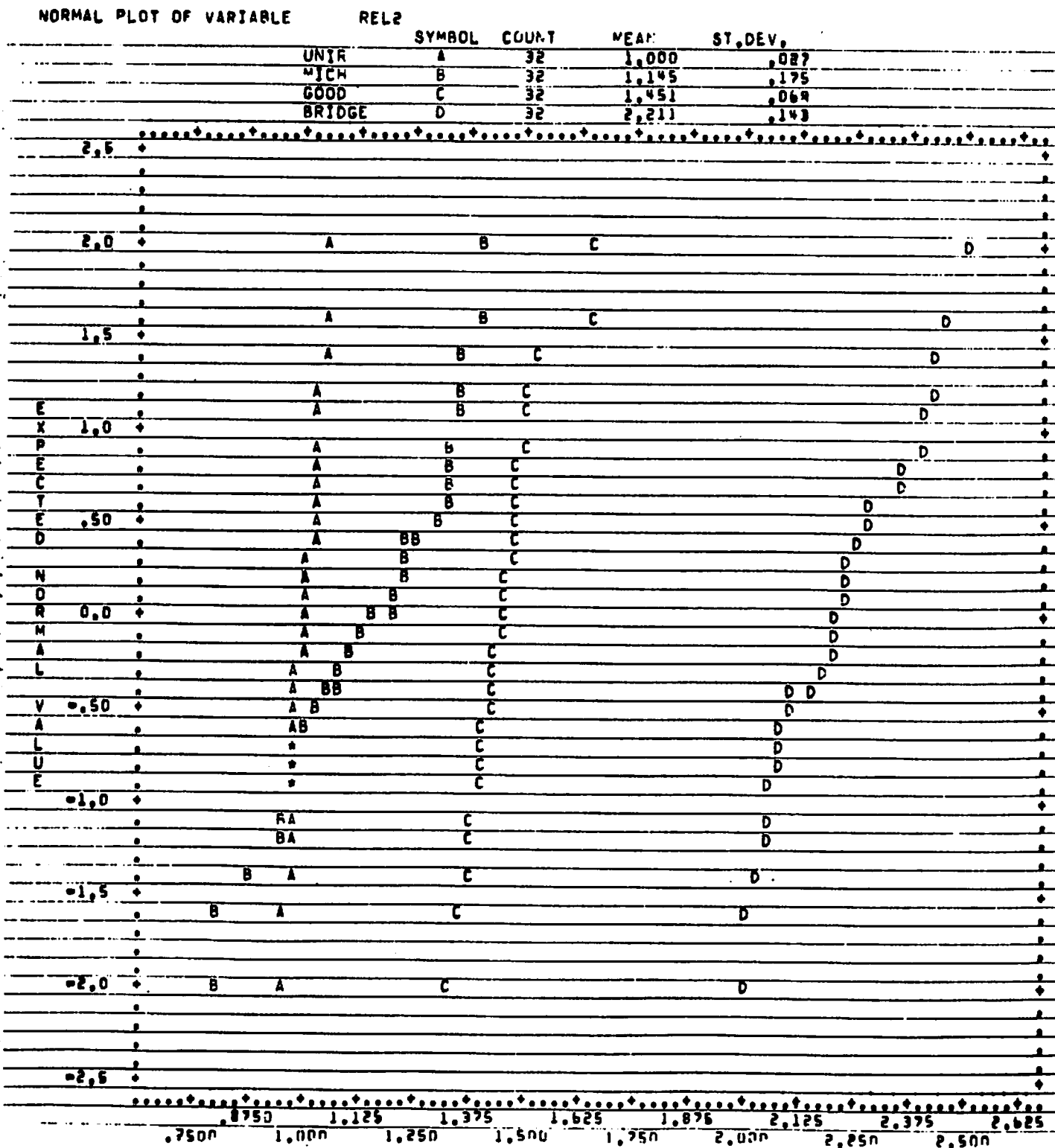
REL1

	SYMBOL	COUNT	MEAN	ST. DEV.
UNIR	A	32	1.000	.089
WICH	B	32	1.170	.101
GOOD	C	32	1.500	.092
BRIDGE	D	32	2.309	.196



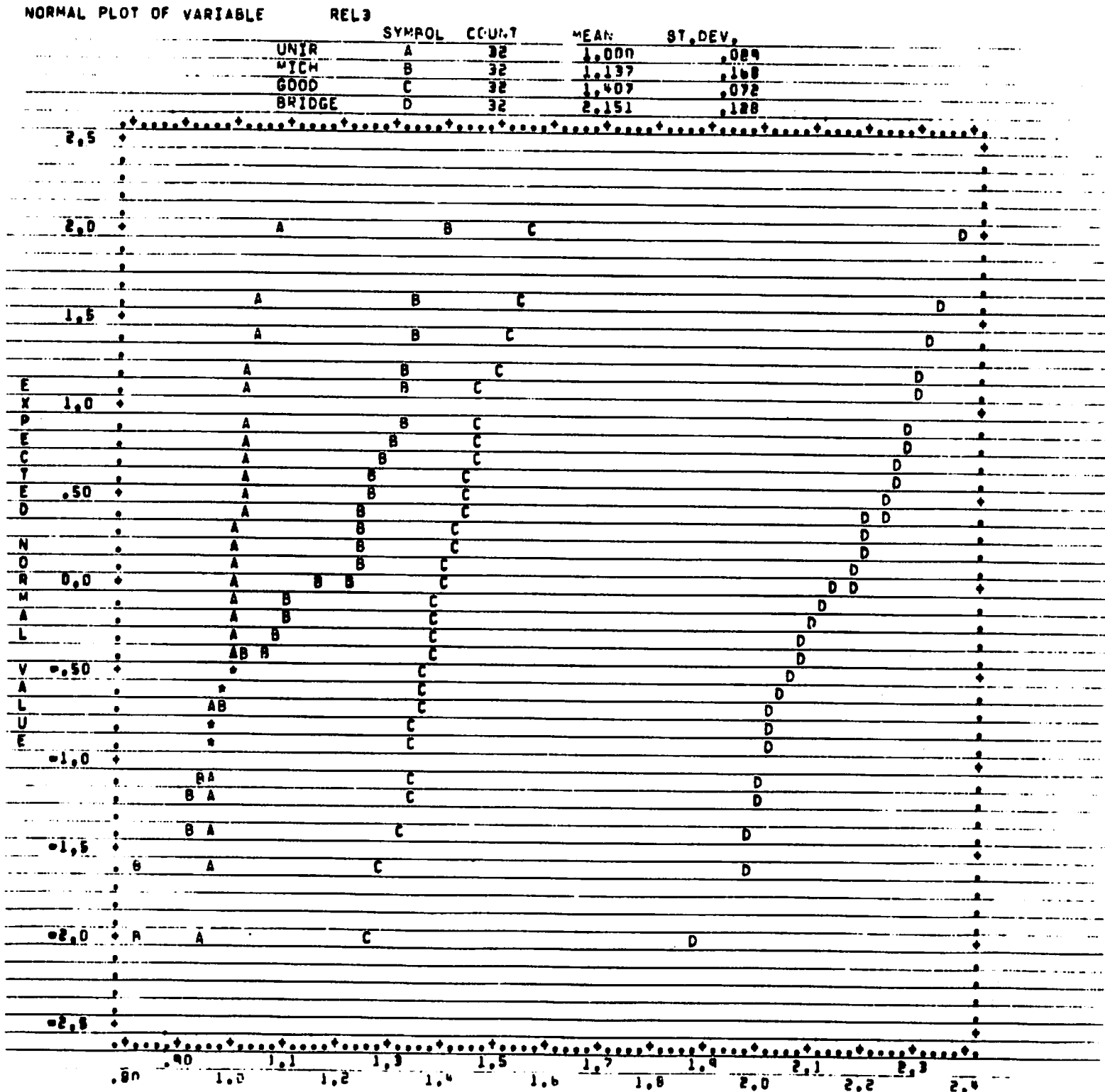
* mils/1000 mile

FIGURE F.12 NORMAL PROBABILITY PLOTS
 Relative Wear Rate* by Tire Brand
 Phase I and Phase III Combined
 R2



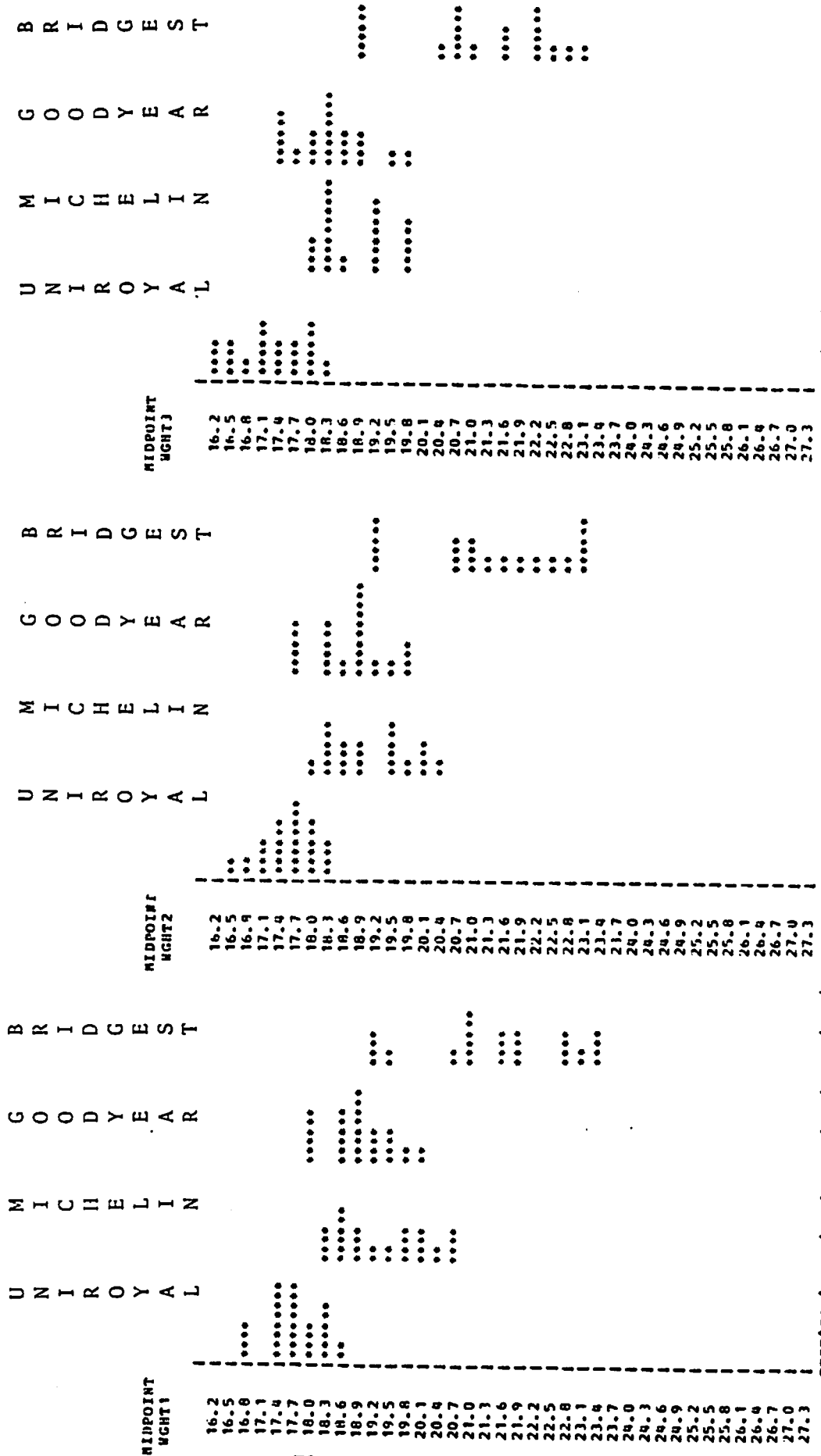
* mils/1000 mile

FIGURE F.12 NORMAL PROBABILITY PLOTS
 Relative Wear Rate* by Tire Brand
 Phase I and Phase III Combined
 R3



* mils/1000 mile

FIGURE F.13 FREQUENCY HISTOGRAMS
 Weight Loss Rate* By Tire Brand
 Phase I



F31

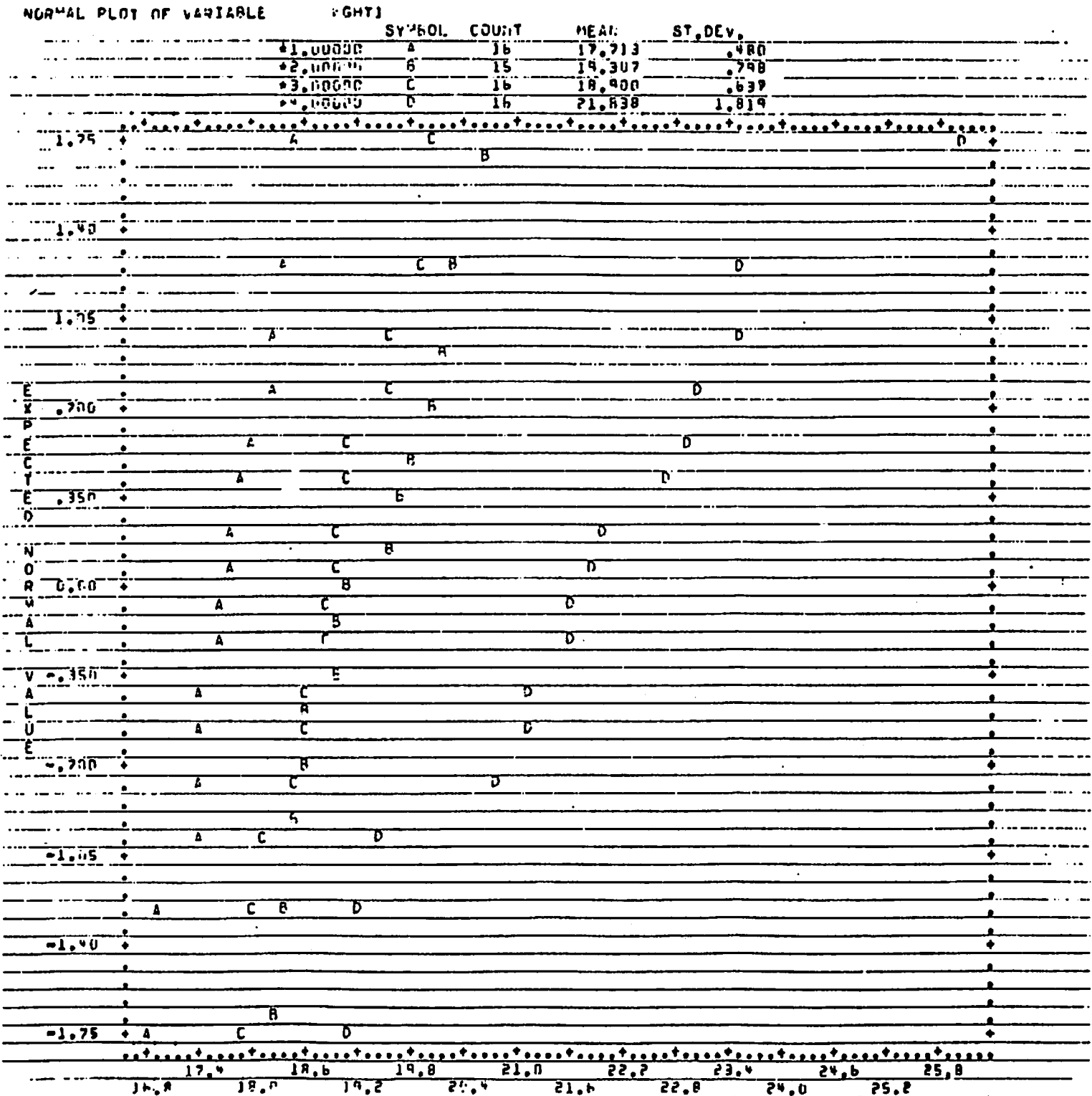
R1

R2

R3

* Grams/1000 Miles

FIGURE F.14 NORMAL PROBABILITY PLOTS
 Weight Loss Rate* By Tire Brand
 Phase I
 R1



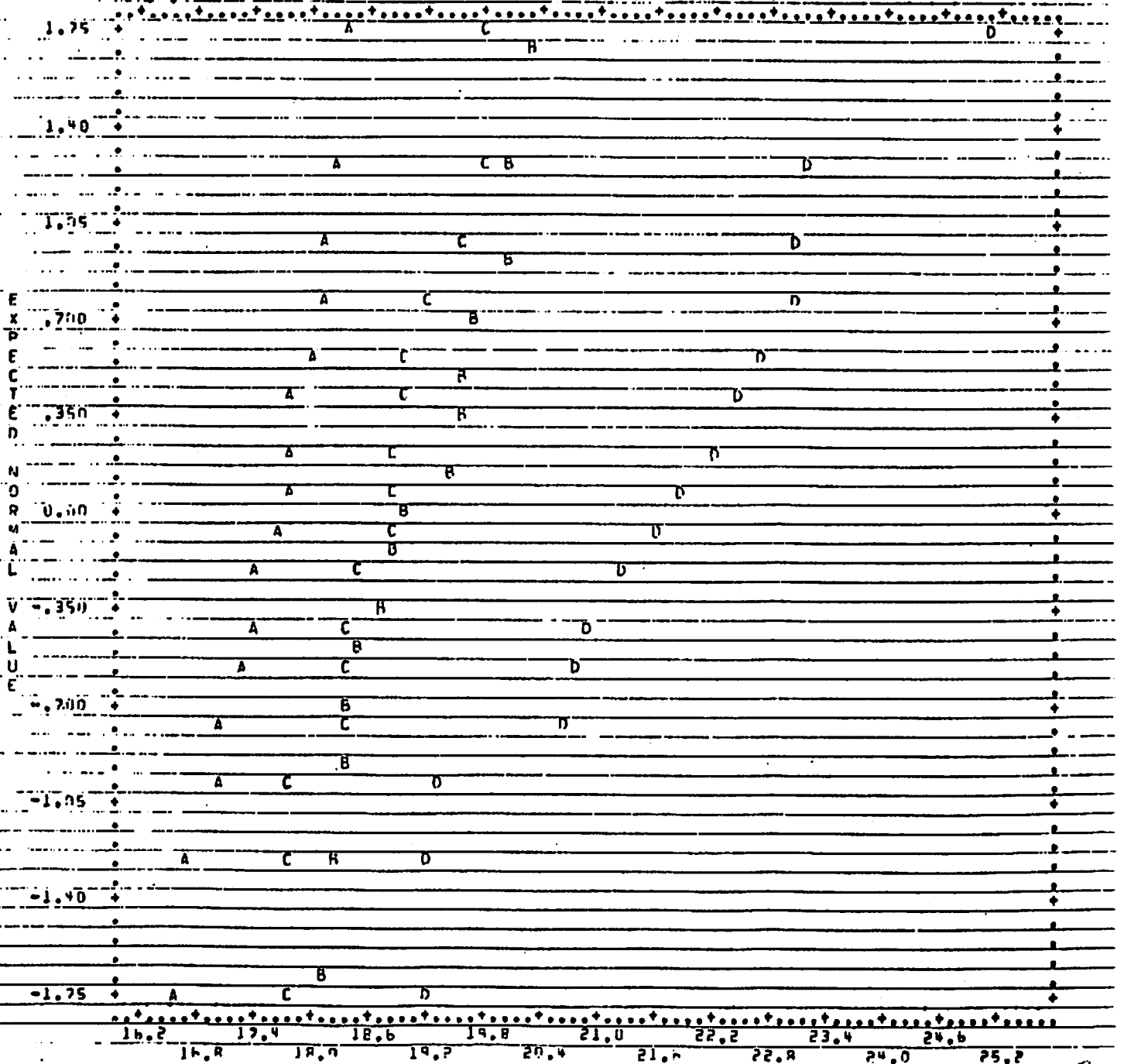
*Grams/1000 miles

FIGURE F.14 NORMAL PROBABILITY PLOTS
 Weight Loss Rate* By Tire Brand
 Phase I
 R2

NORMAL PLOT OF VARIABLE

WGHT2

	SYMBOL	COUNT	MEAN	ST. DEV.
*1.00000	A	16	17.549	.536
*2.00000	B	15	18.127	.746
*3.00000	C	16	18.725	.647
*4.00000	D	16	21.638	1.639



*Grams/1000 miles

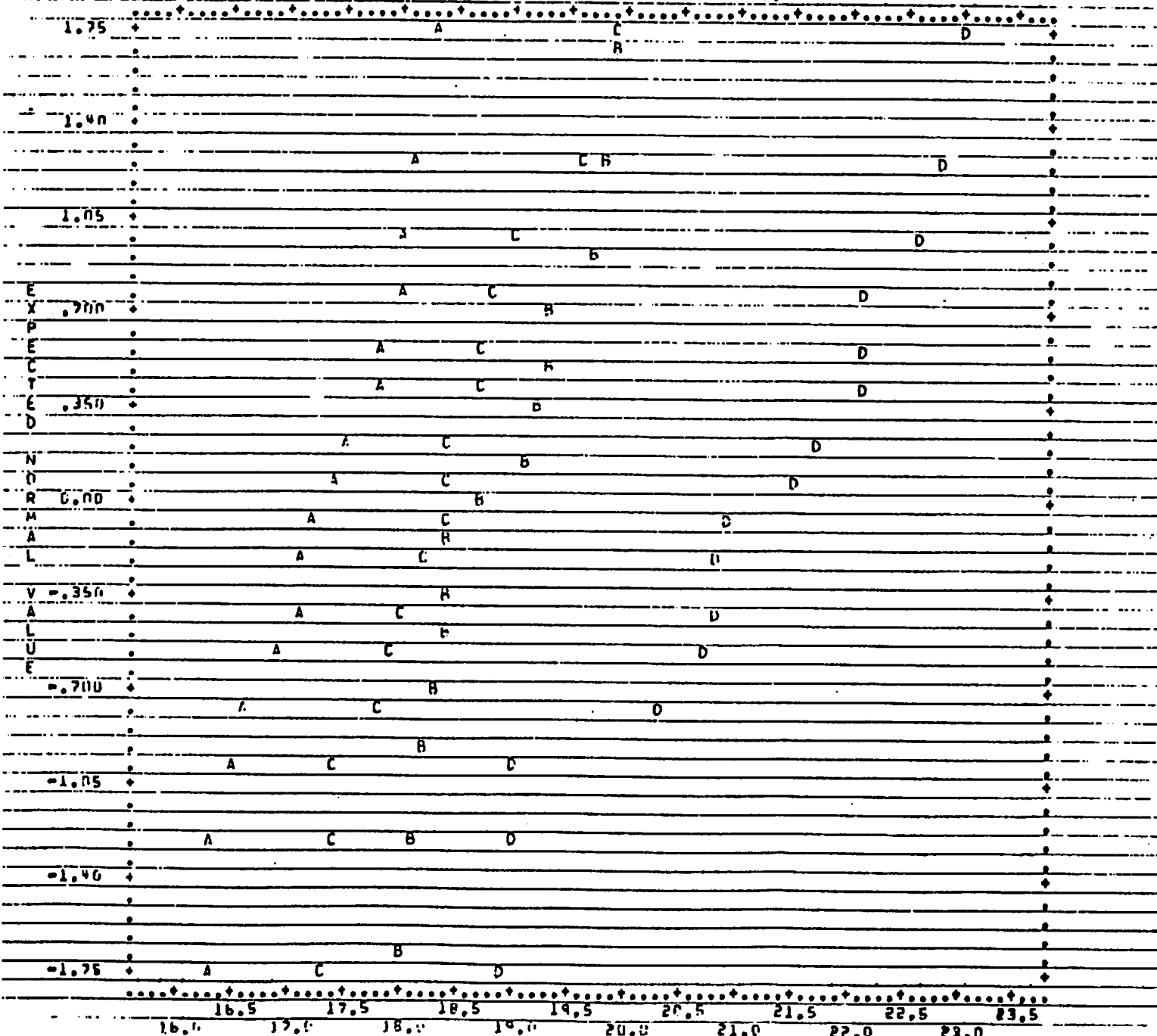
7

FIGURE F.14 NORMAL PROBABILITY PLOTS
 Weight Loss Rate* By Tire Brand
 Phase I
 R3

NORMAL PLOT OF VARIABLE

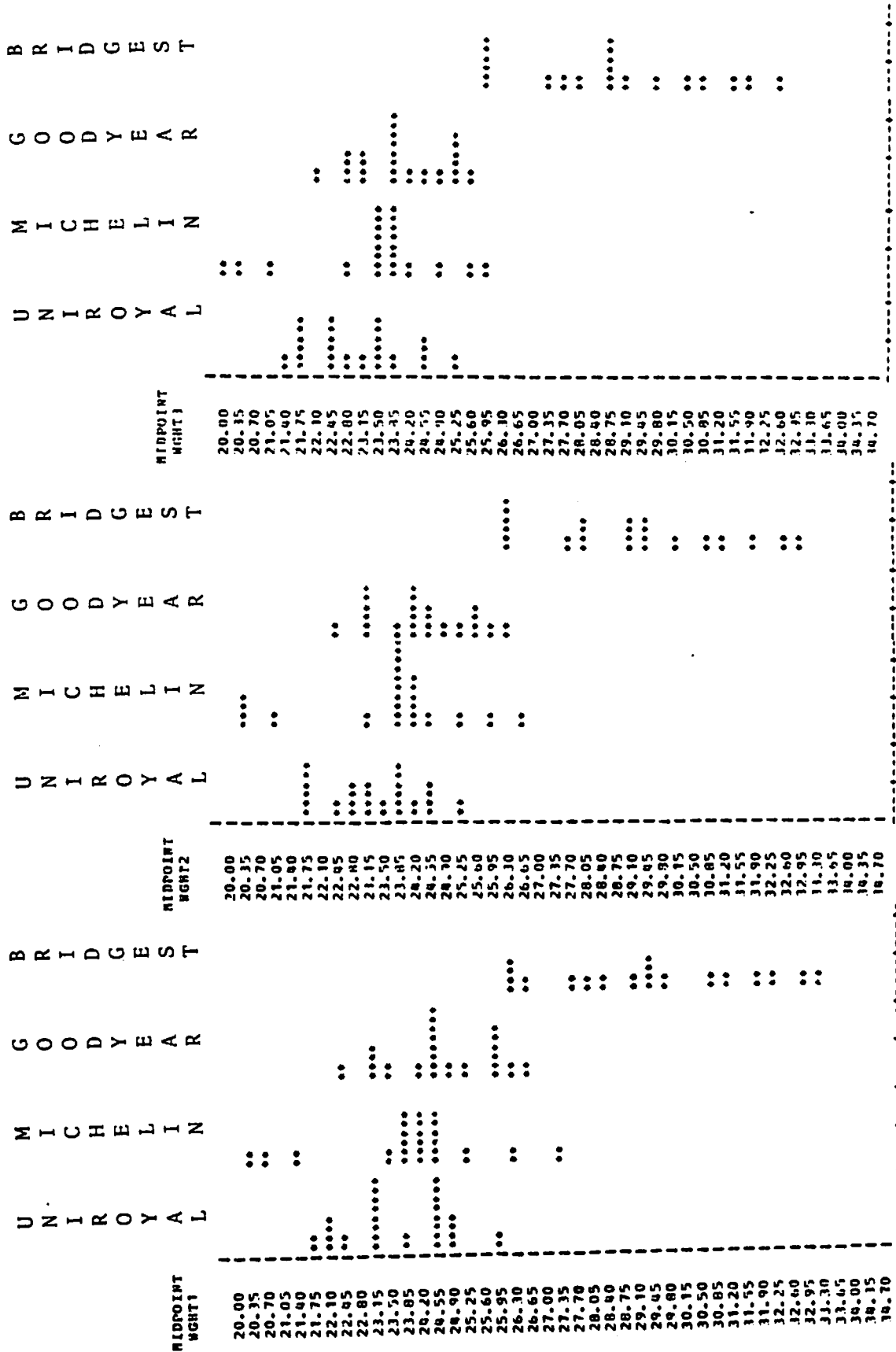
WGHT3

	SYMBOL	COUNT	MEAN	ST. DEV.
*1.00000	A	16	17.306	.661
*2.00000	B	15	18.853	.652
*3.00000	C	16	18.369	.748
*4.00000	D	16	21.144	1.340



*Grams/1000 miles

FIGURE F.15 FREQUENCY HISTOGRAMS
Weight Loss Rate* By Tire Brand
Phase III



* Grams/1000 Miles

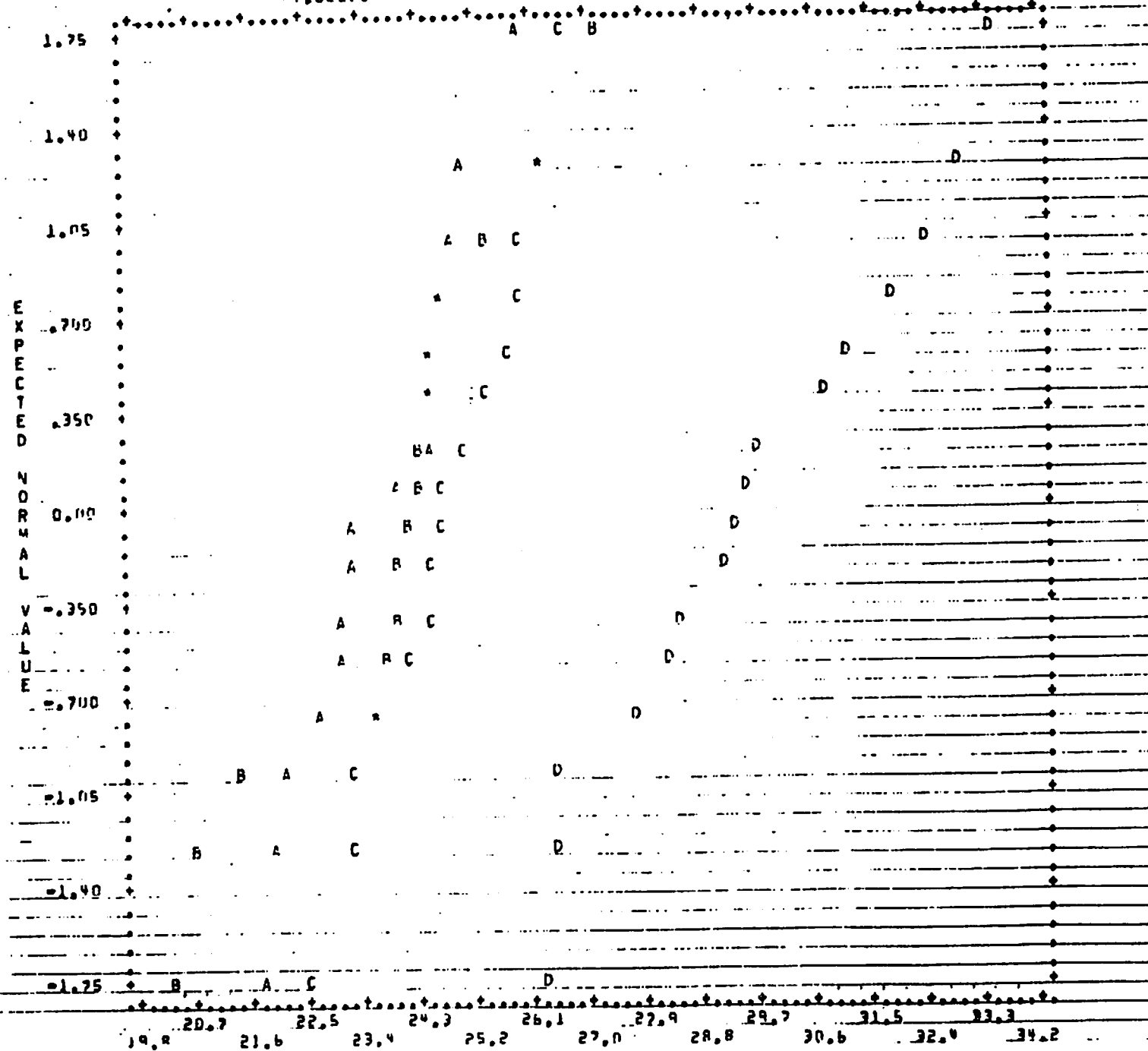
FIGURE F.16 NORMAL PROBABILITY PLOTS
 Weight Loss Rate* By Tire Brand
 Phase III

R1

NORMAL PLOT OF VARIABLE

RIGHT:

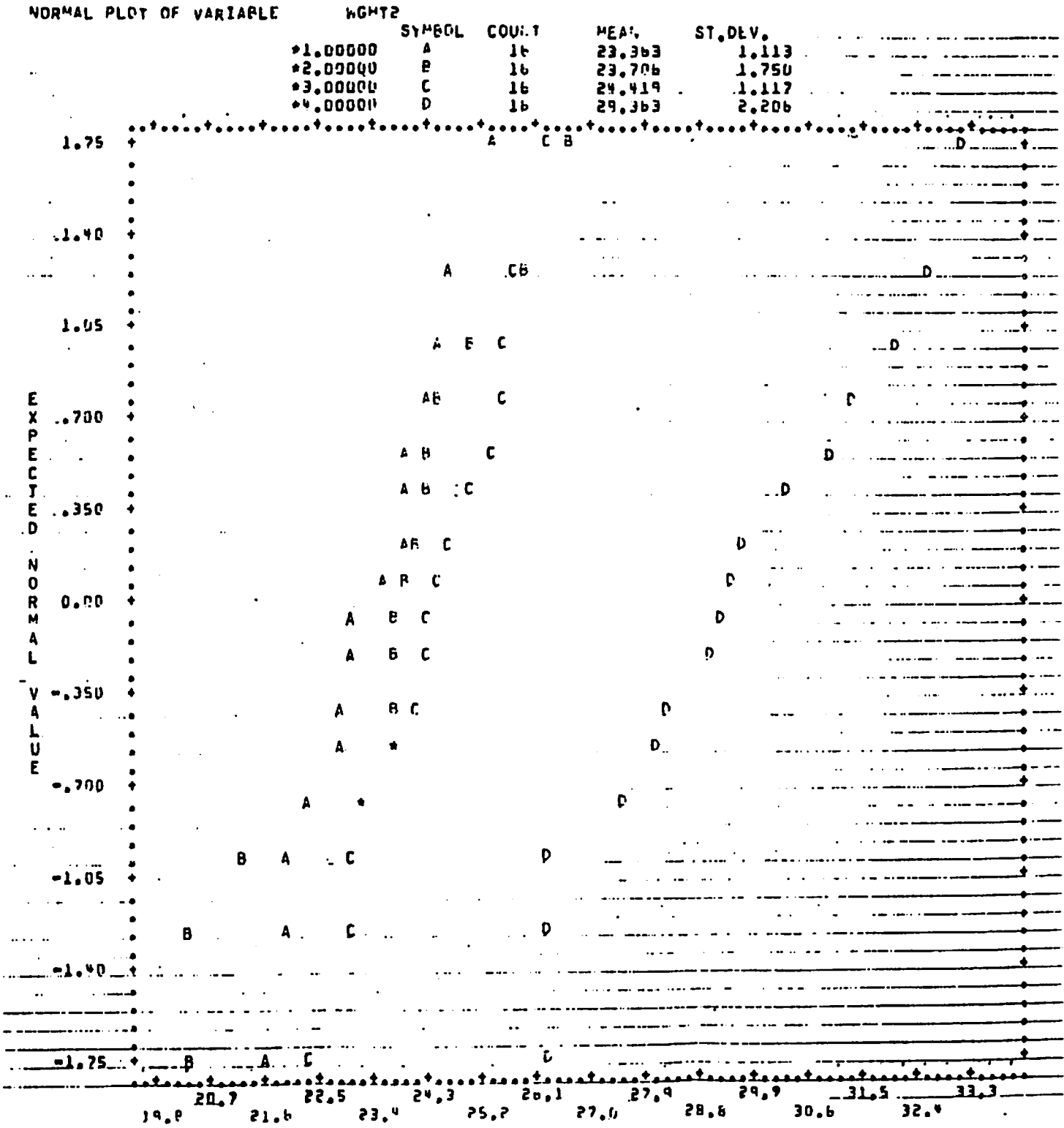
	SYMBOL	COUNT	MEAN	ST. DEV.
*1.00000	A	16	23.669	1.212
*2.00000	B	16	23.919	1.810
*3.00000	C	16	24.763	1.229
*4.00000	D	16	29.606	2.301



* Grams/1000 miles

FIGURE F.16 NORMAL PROBABILITY PLOTS
 Weight Loss Rate* By Tire Brand
 Phase III

R2



* Grams/1000 miles

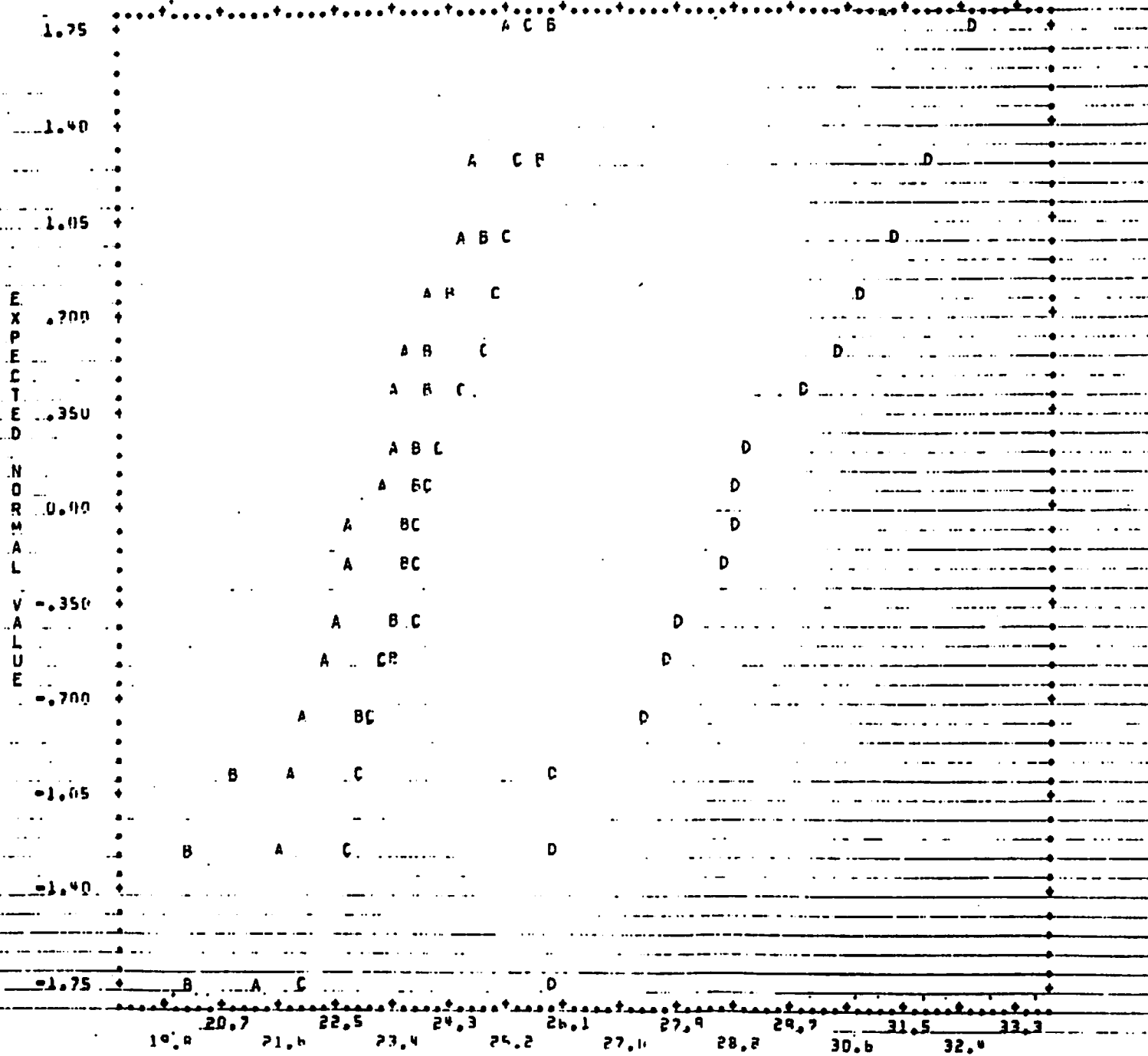
F37

FIGURE F.16 NORMAL PROBABILITY PLOTS
 Weight Loss Rate* By Tire Brand
 Phase III
 R3

NORMAL PLOT OF VARIABLE

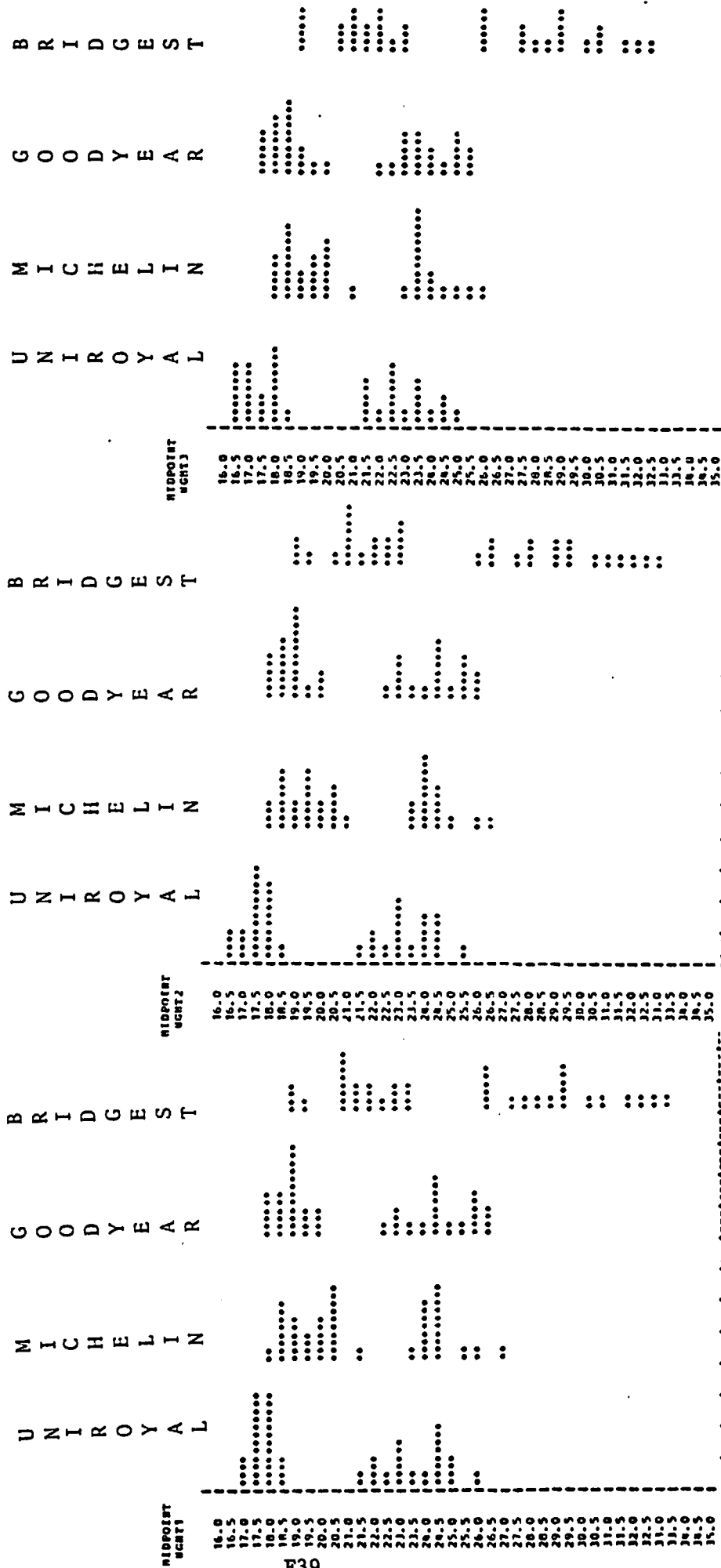
WGT%

	SYMBOL	COUNT	MEAN	ST. DEV.
*1.00000	A	16	23.031	1.145
*2.00000	B	16	23.381	1.694
*3.00000	C	16	23.956	1.057
*4.00000	D	16	26.931	2.089



* Grams/1000 miles

FIGURE F.17 FREQUENCY HISTOGRAMS
 Weight Loss Rate* By Tire Brand
 Phase I and Phase III Combined



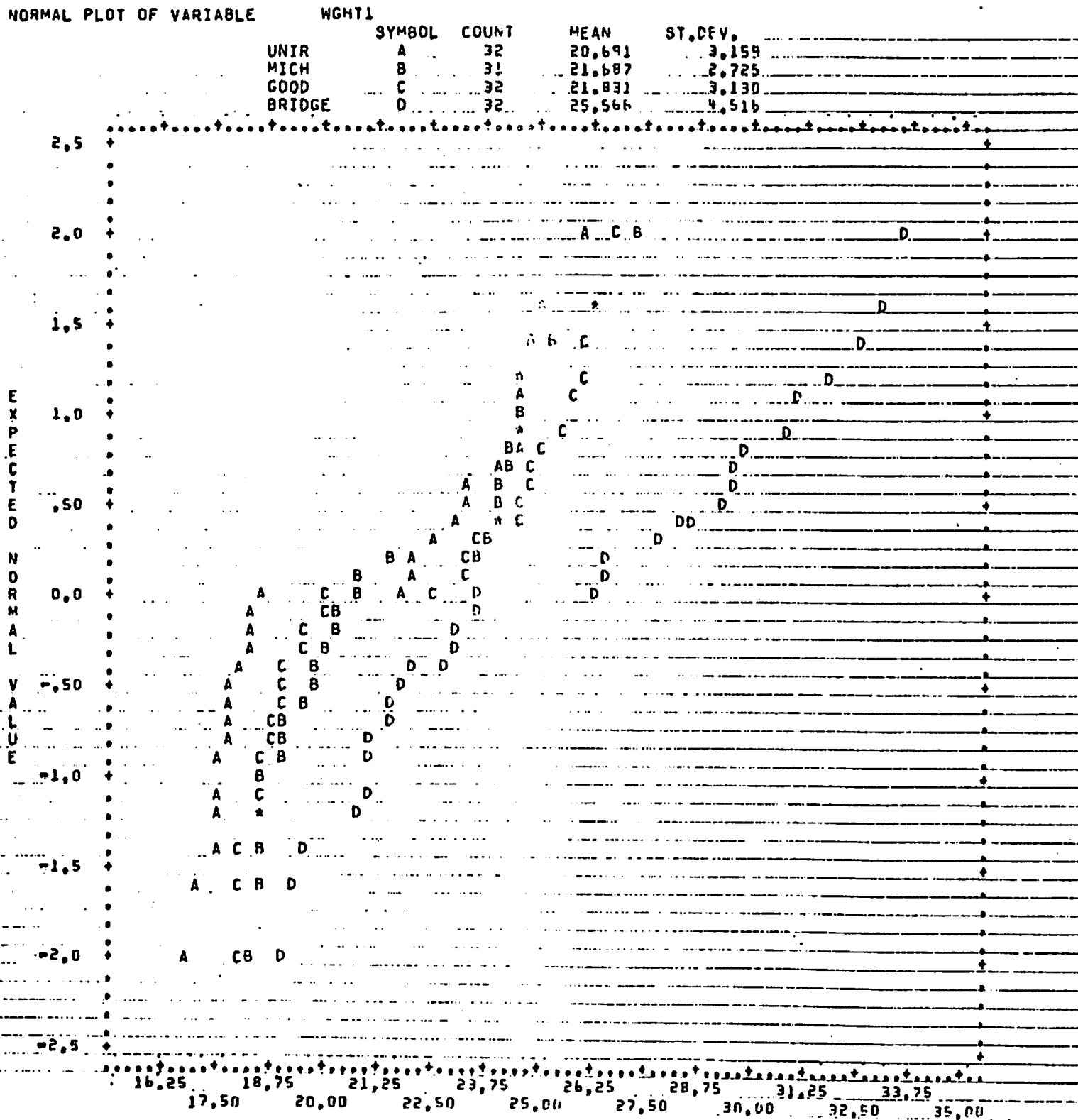
R3

R2

R1

* Grams/1000 Miles

FIGURE F.18 NORMAL PROBABILITY PLOTS
 Weight Loss Rate* By Tire Brand
 Phase I and Phase III Combined
 P1



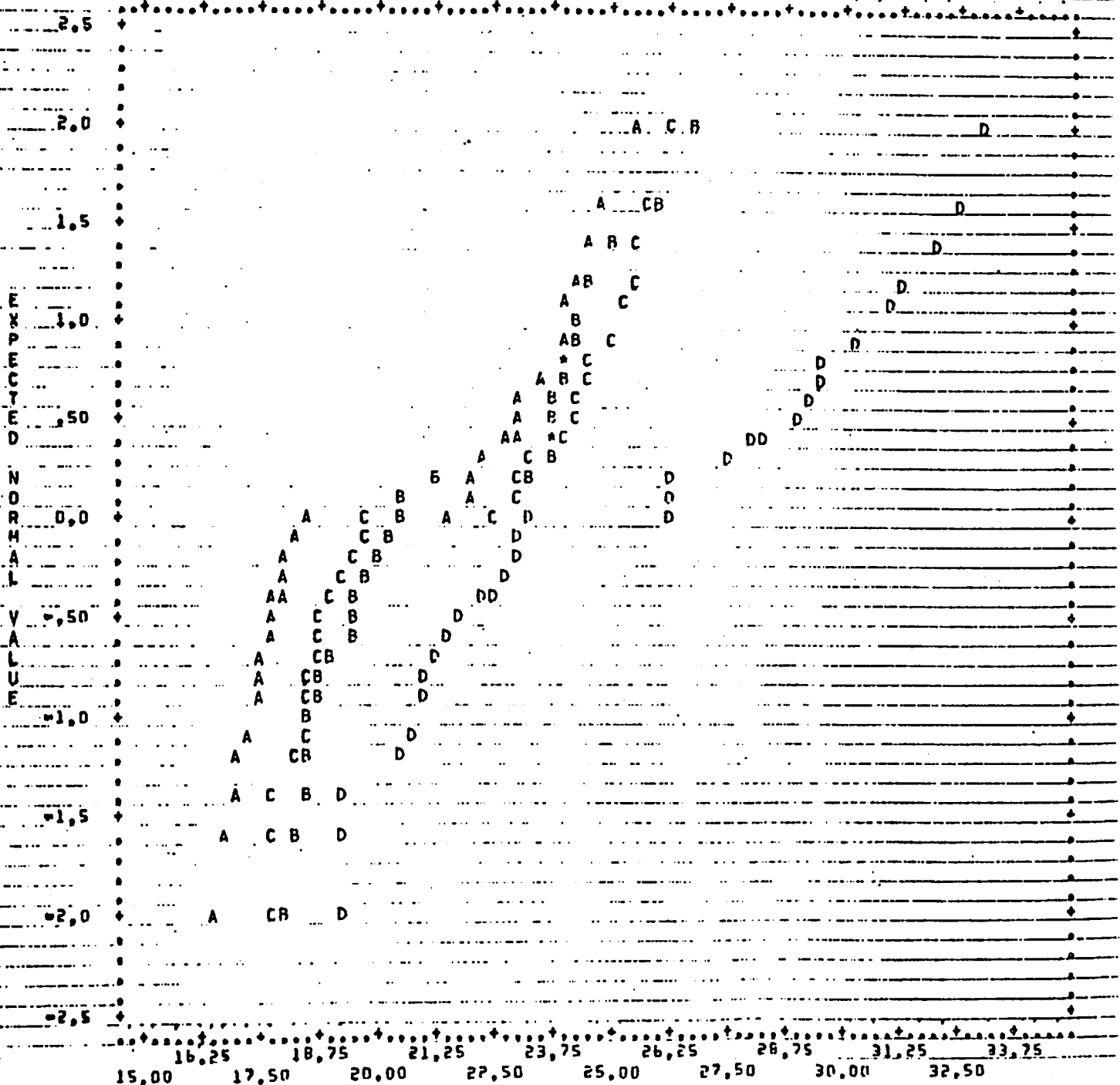
* Grams/1000 miles

FIGURE F.18 NORMAL PROBABILITY PLOTS
 Weight Loss Rate* By Tire Brand
 R2

NORMAL PLOT OF VARIABLE

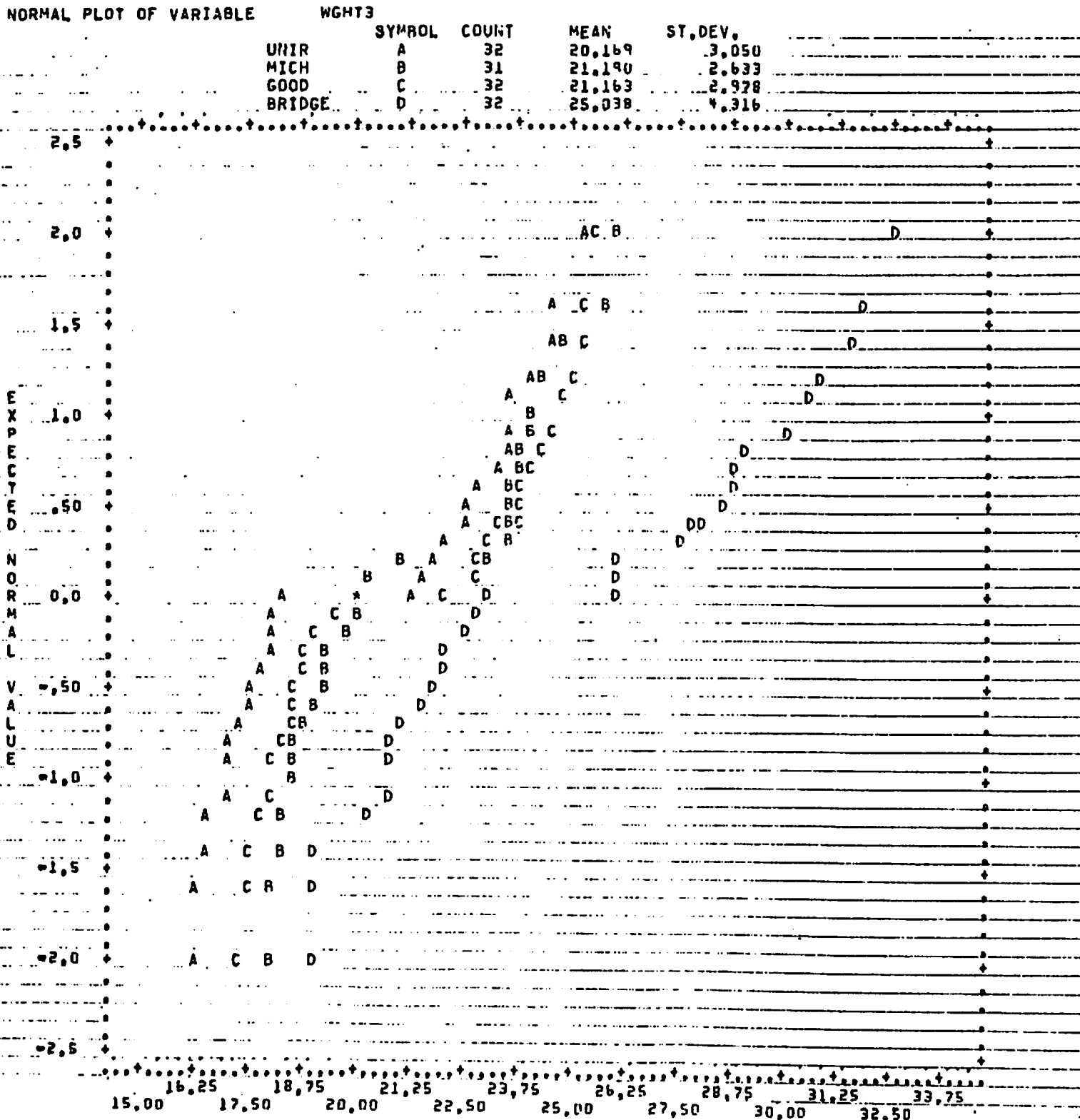
WGHT2

	SYMBOL	COUNT	MEAN	ST.DEV.
UNIP	A	32	20.466	3.066
MICH	B	31	21.490	2.684
GOOD	C	32	21.572	3.028
BRIDGE	D	32	25.372	4.436



* Grams/1000 miles

FIGURE F.18 NORMAL PROBABILITY PLOTS
 Weight Loss Rate* By Tire Brand
 Phase I and Phase III Combined
 R3



* Grams/1000 miles

FIGURE F.19 FREQUENCY HISTOGRAMS
Relative Weight Loss Rate* By Tire Brand
Phase I

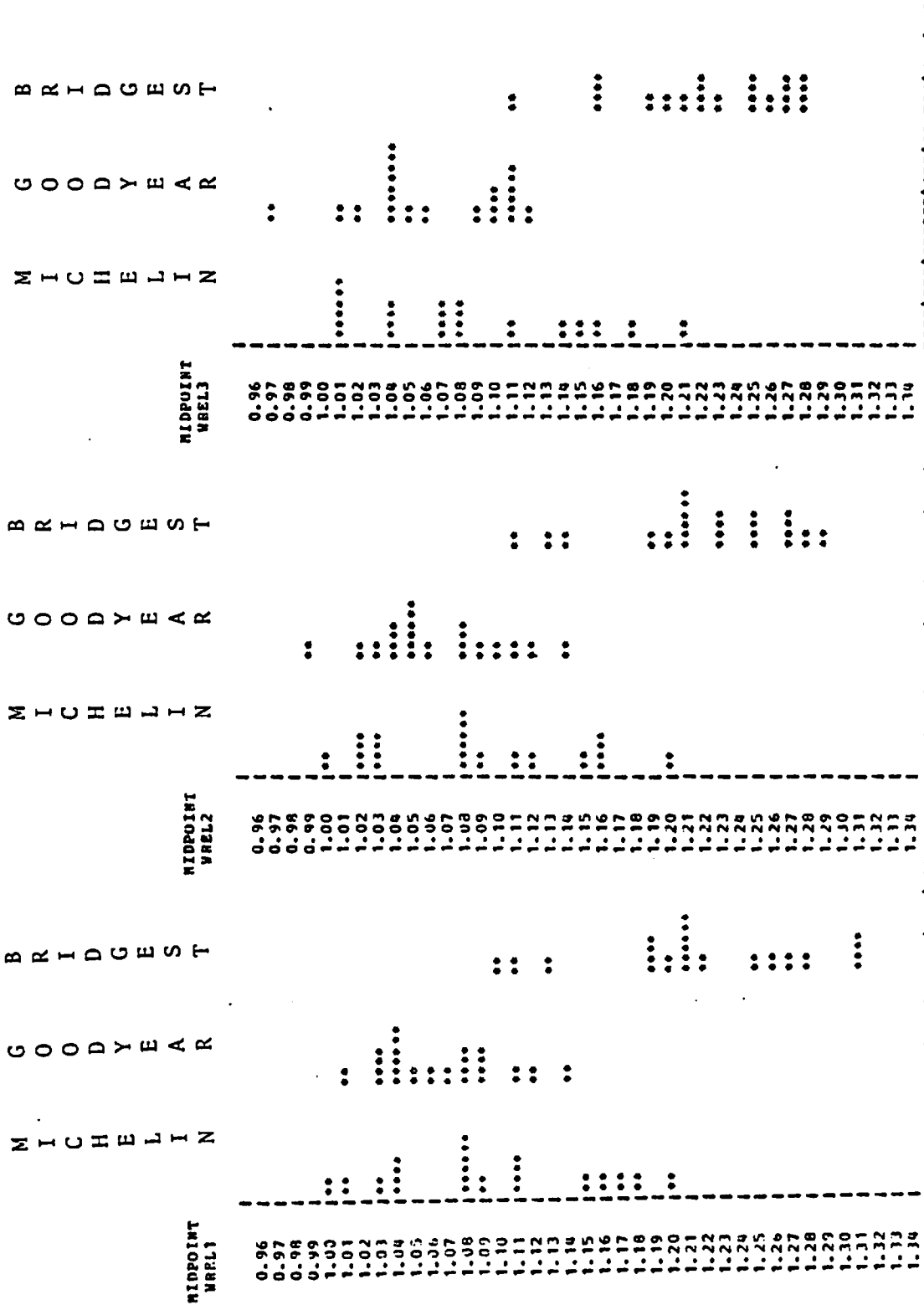
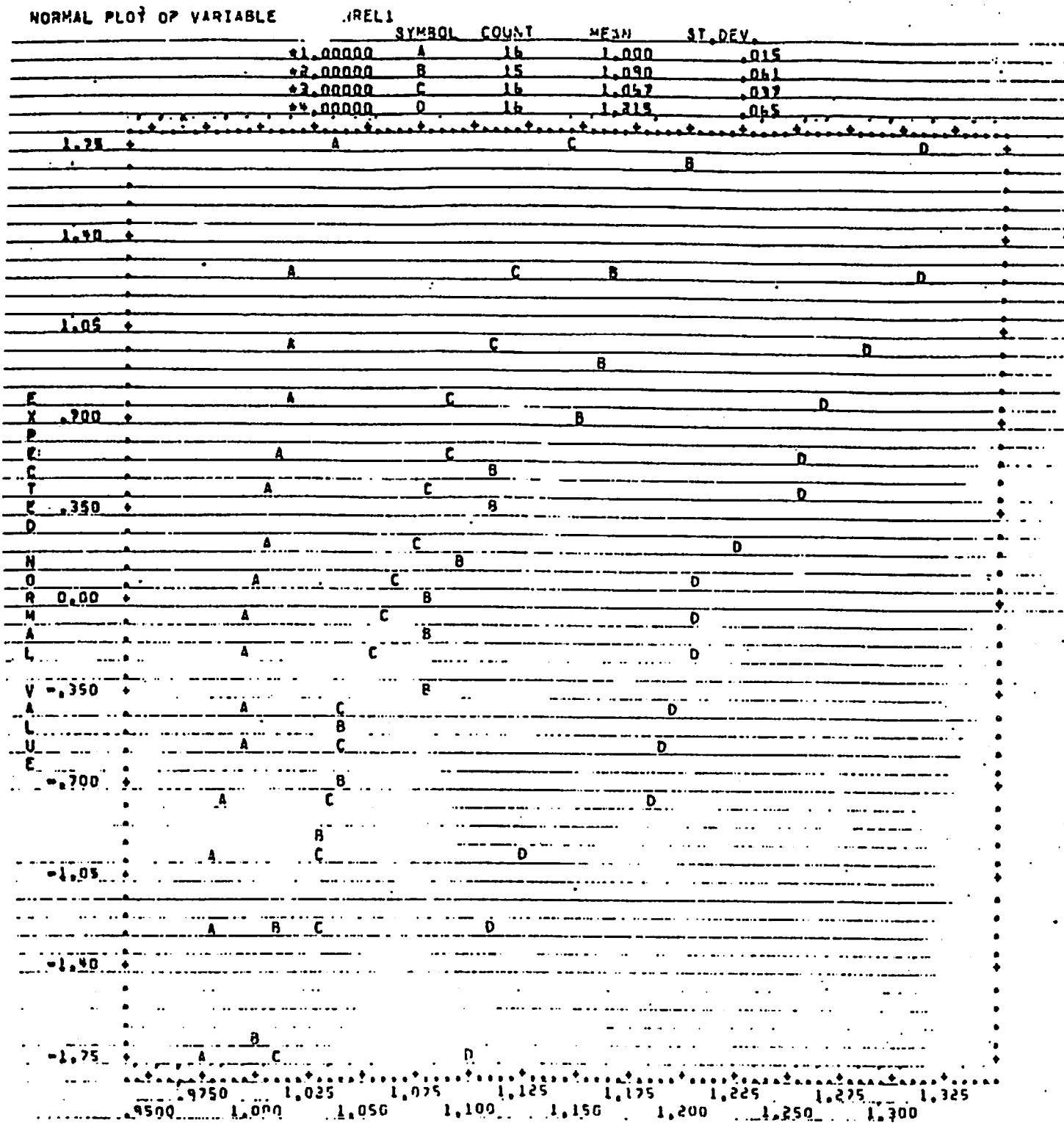


FIGURE F.20 NORMAL PROBABILITY PLOTS
Relative Weight Loss* By Tire Brand
R1

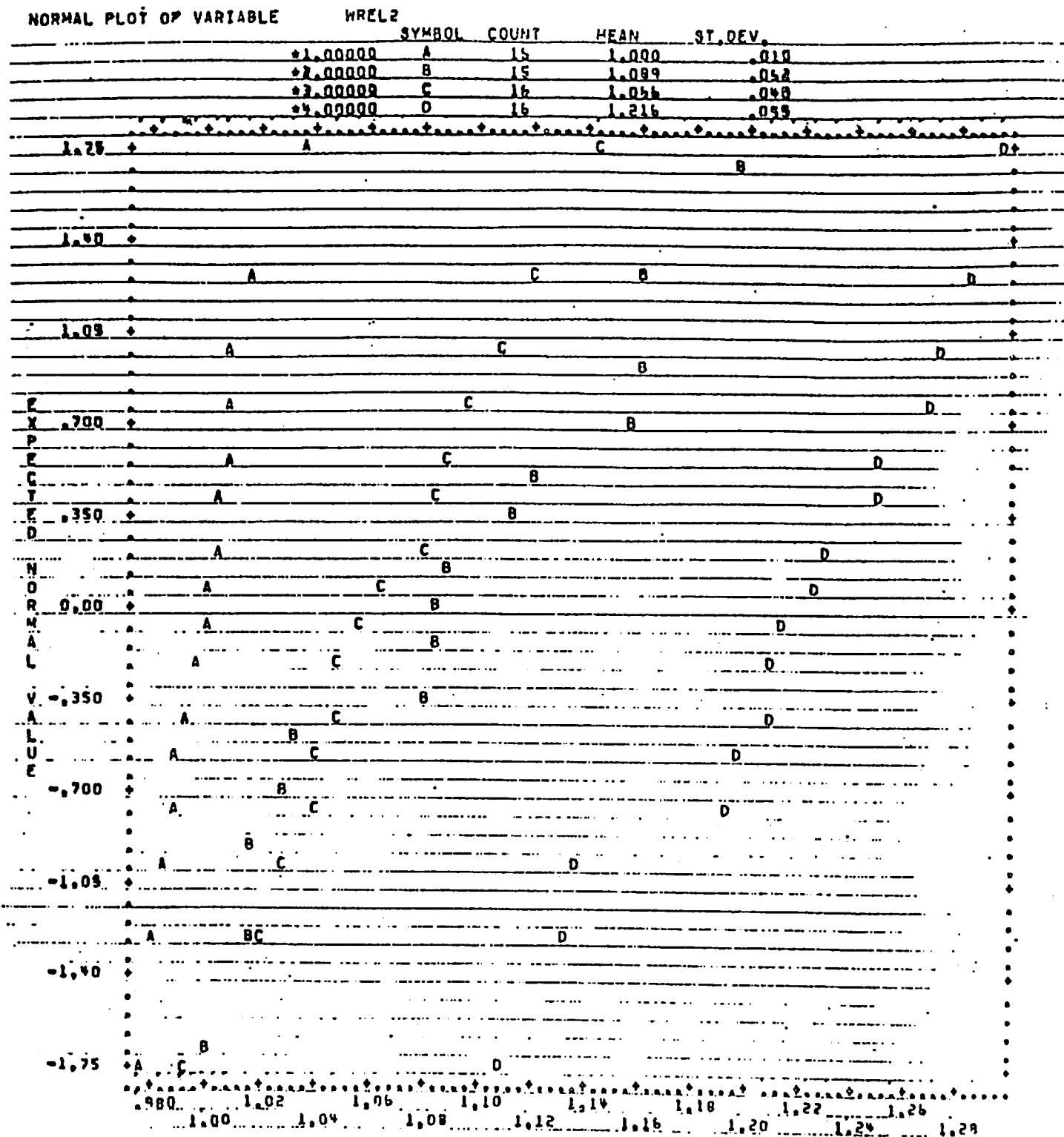
Phase I



* Grams/1000 Miles

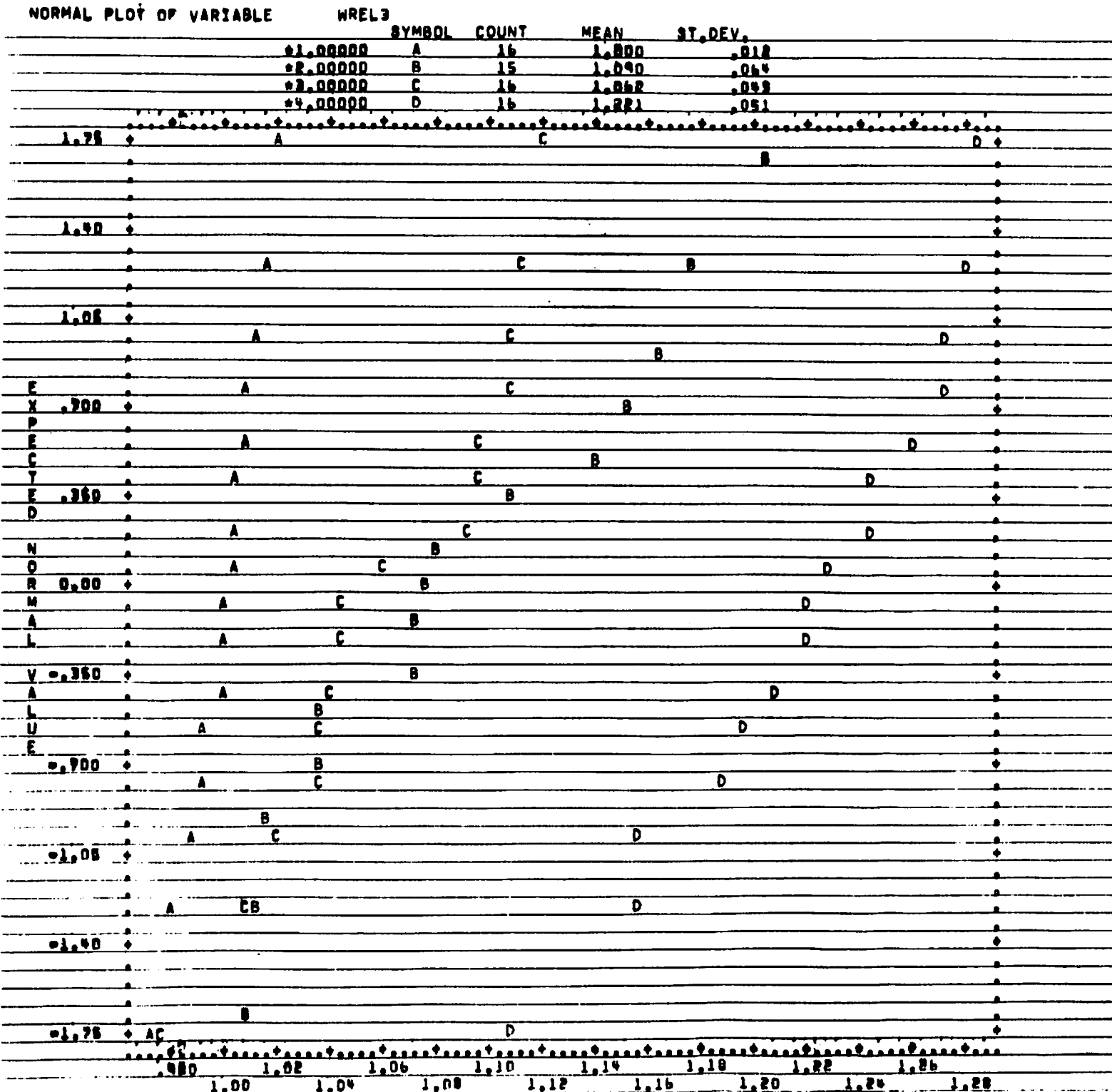
FIGURE F.20 NORMAL PROBABILITY PLOTS
Relative Weight Loss*By Tire Brand
R2

Phase I



* Grams/1000 Miles

FIGURE F.20 NORMAL PROBABILITY PLOTS
 Relative Weight Loss* by Tire Brand
 Phase I
 R3



* grams/1000 miles

FIGURE F.21 FREQUENCY HISTOGRAMS
Relative Weight Loss Rate* By Tire Brand
Phase III

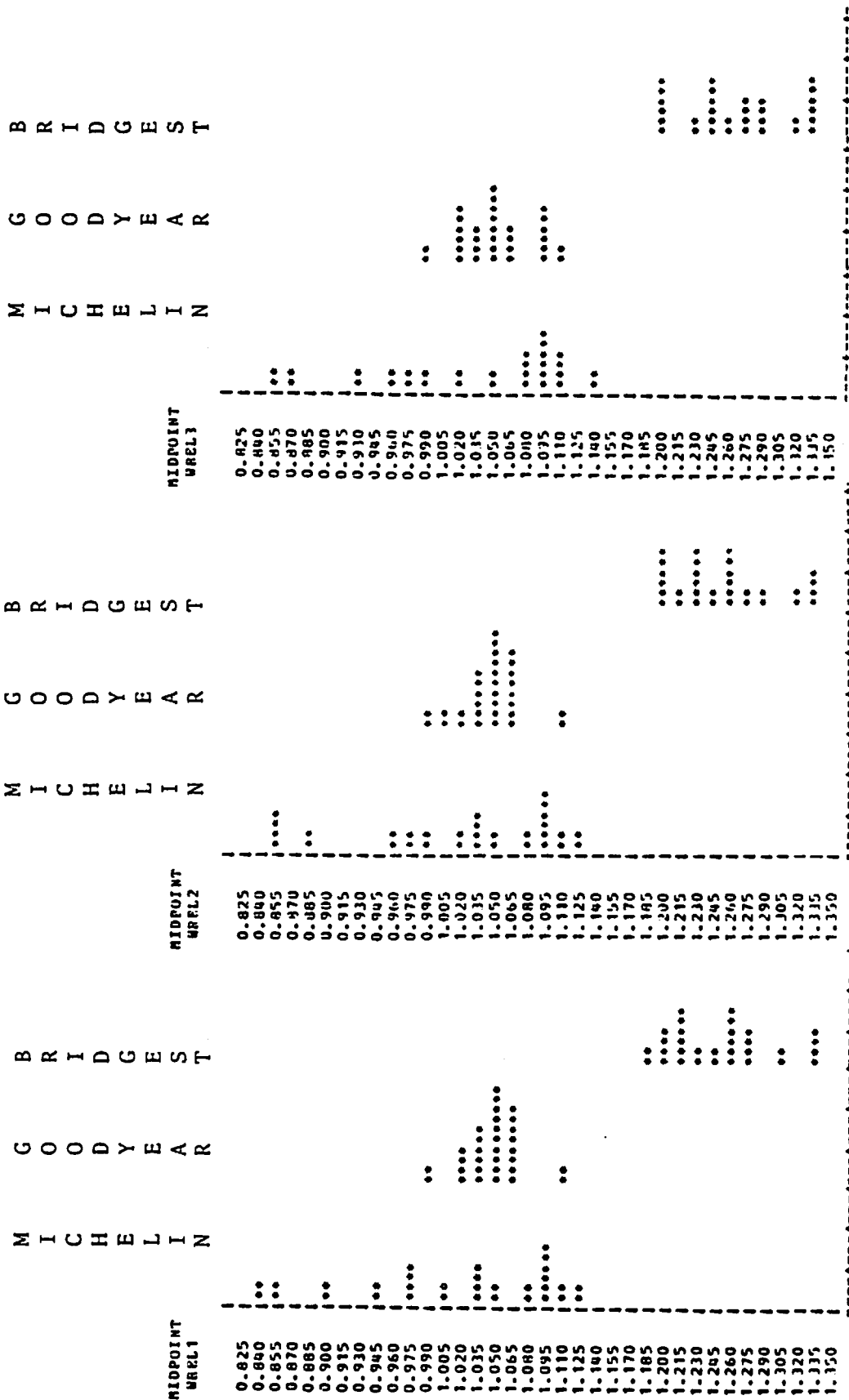
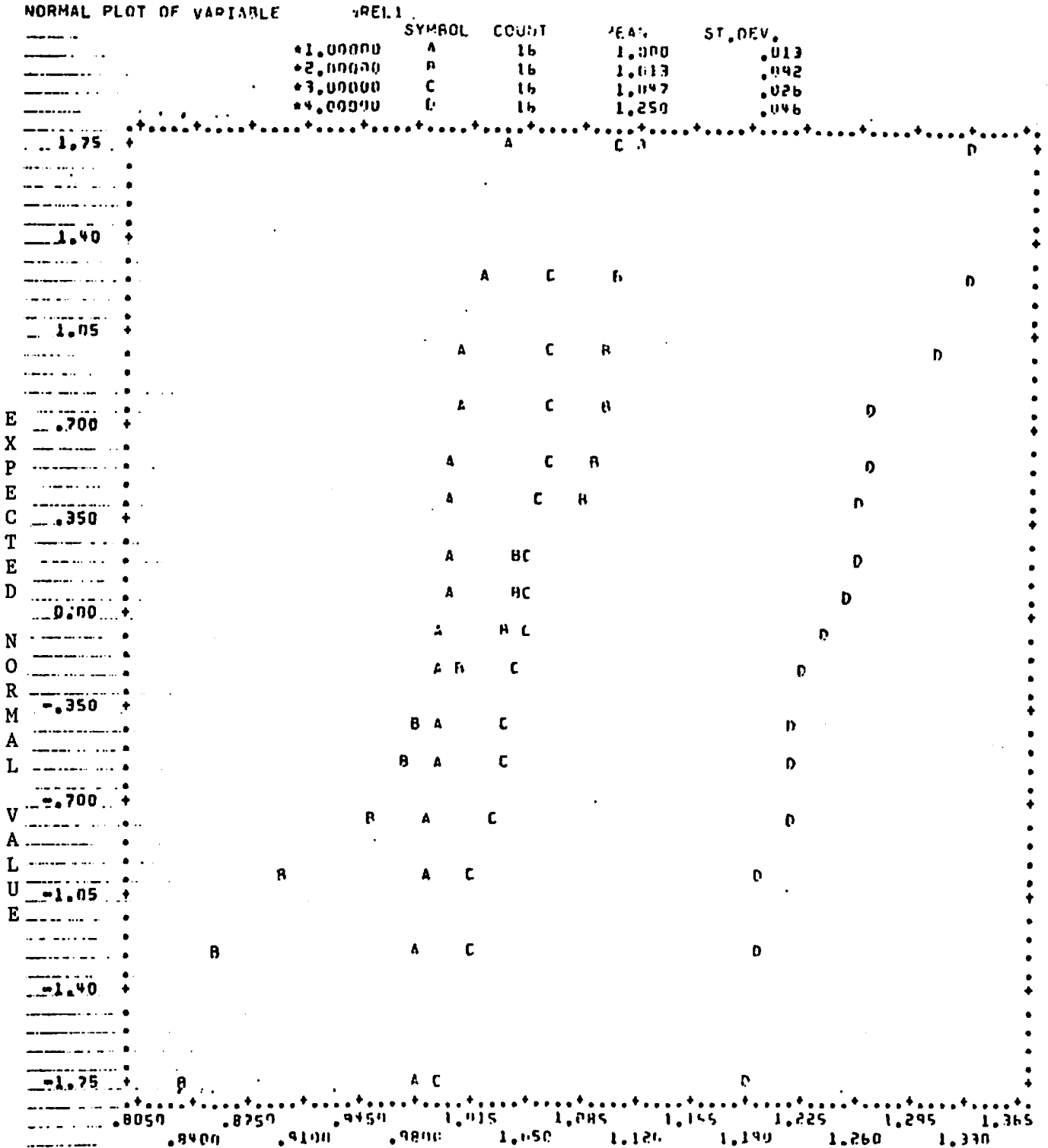


FIGURE F.22

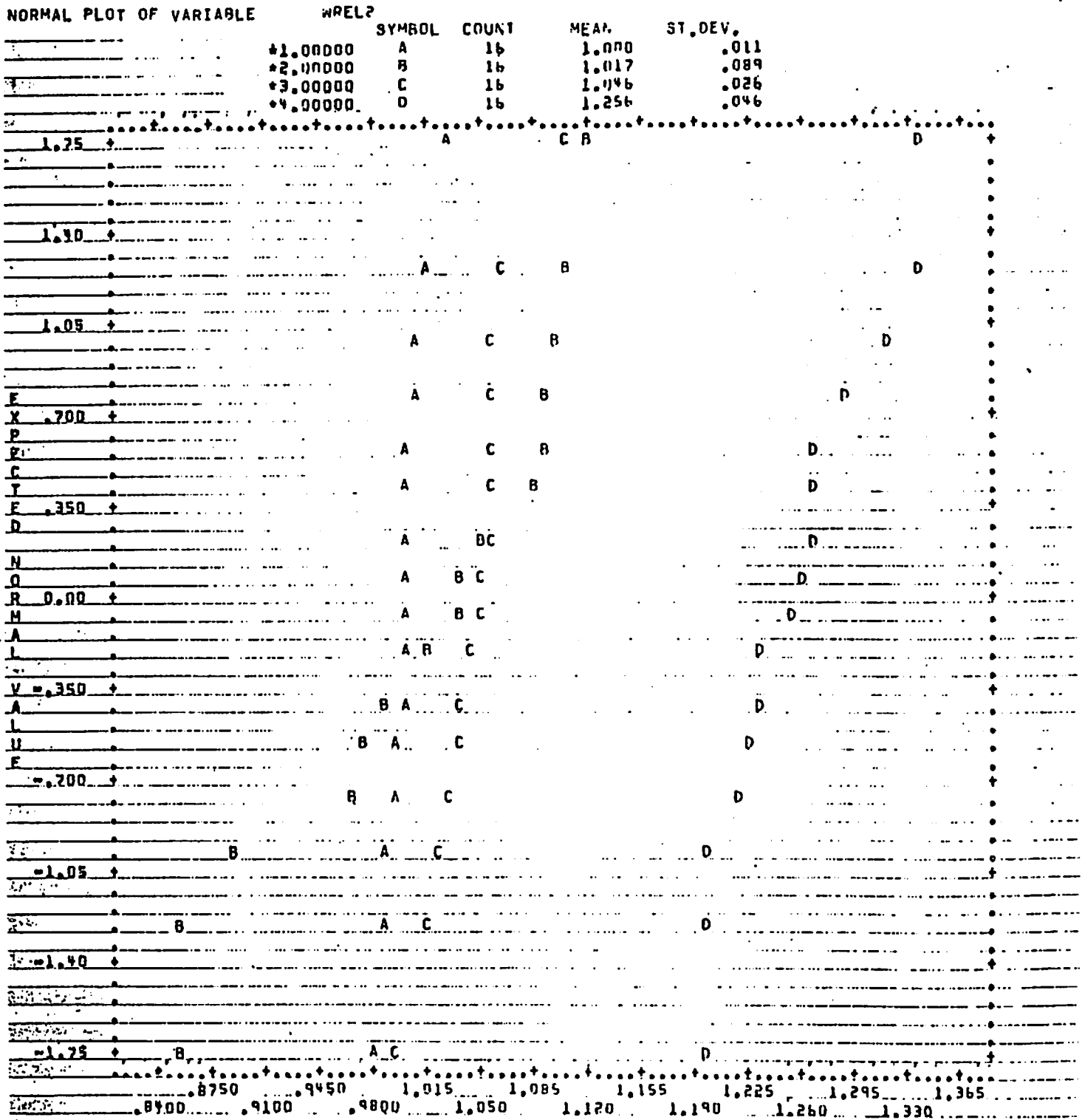
NORMAL PROBABILITY PLOTS
 Relative Weight Loss* By Tire Brand
 Phase III
 RI



*Grams/1000 Miles

FIGURE F.22

NORMAL PROBABILITY PLOTS
 Relative Weight Loss* By Tire Brand
 Phase III
 R2



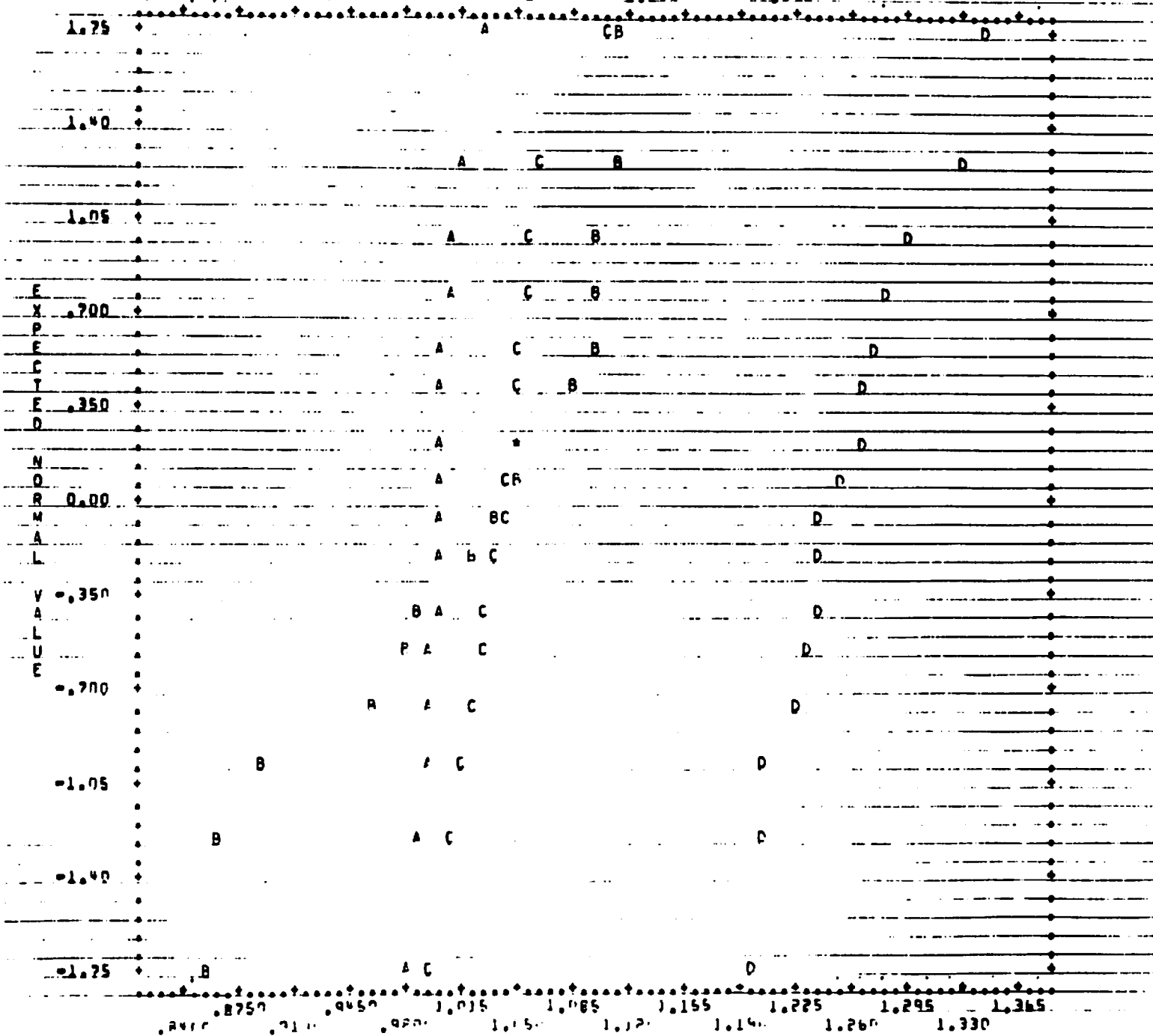
*Grams/1000 Miles

FIGURE F.22 NORMAL PROBABILITY PLOTS
 Relative Weight Loss* by Tire Brand
 Phase III
 R3

NORMAL PLOT OF VARIABLE

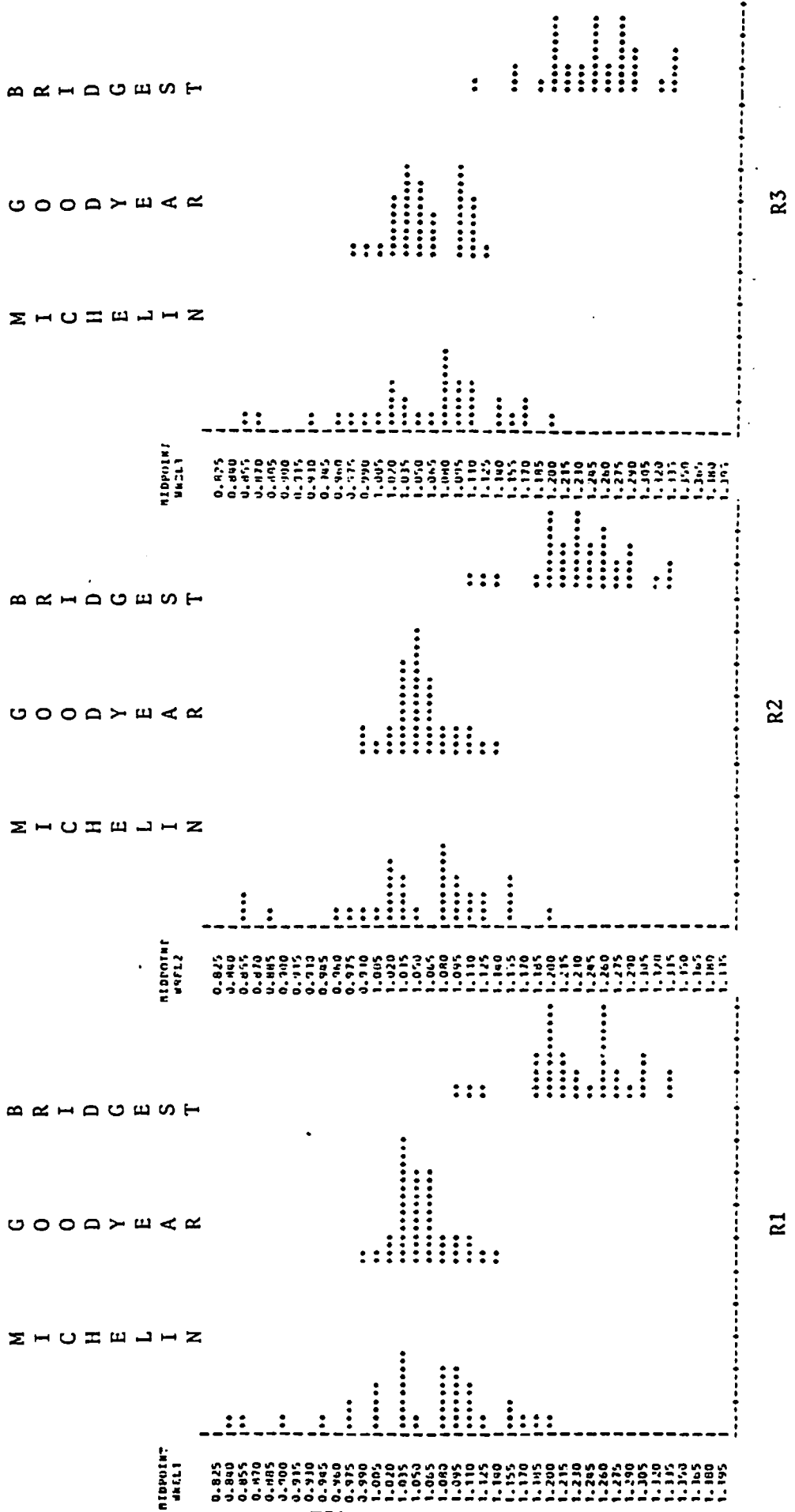
WREL3

	SYMBOL	COUNT	MEAN	ST. DEV.
*1.00000	A	16	1.000	.011
*2.00000	B	16	1.017	.088
*3.00000	C	16	1.041	.026
*4.00000	D	16	1.255	.042



*grams/1000 miles

FIGURE F.23 FREQUENCY HISTOGRAMS
Relative Weight Loss Rate* By Tire Brand
Phase I and Phase III Combined



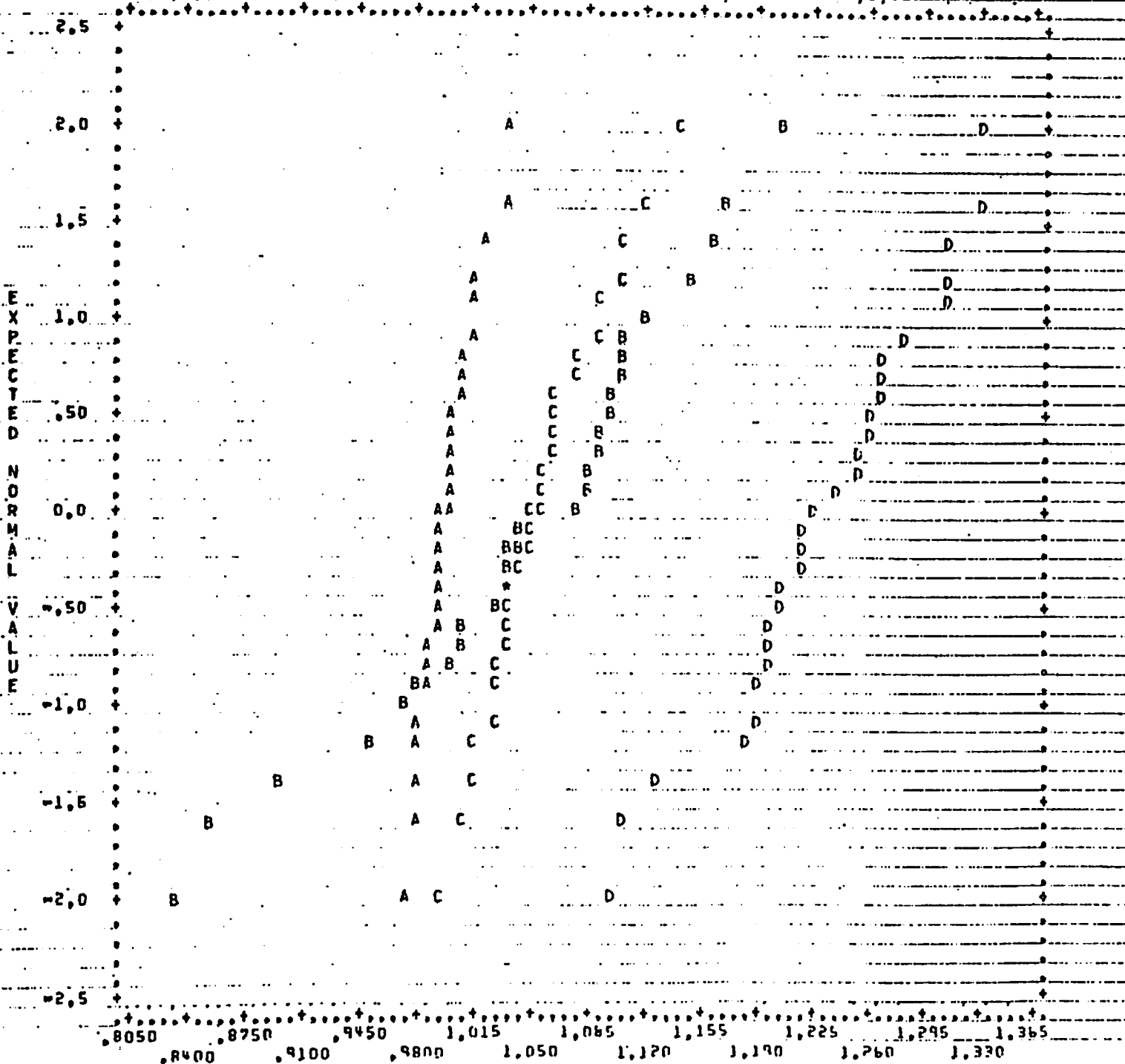
* Grams/1000 Miles

FIGURE F.24 NORMAL PROBABILITY PLOTS
 Relative Weight Loss Rate* By Tire Brand
 Phase I and Phase III Combined
 R1

NORMAL PLOT OF VARIABLE

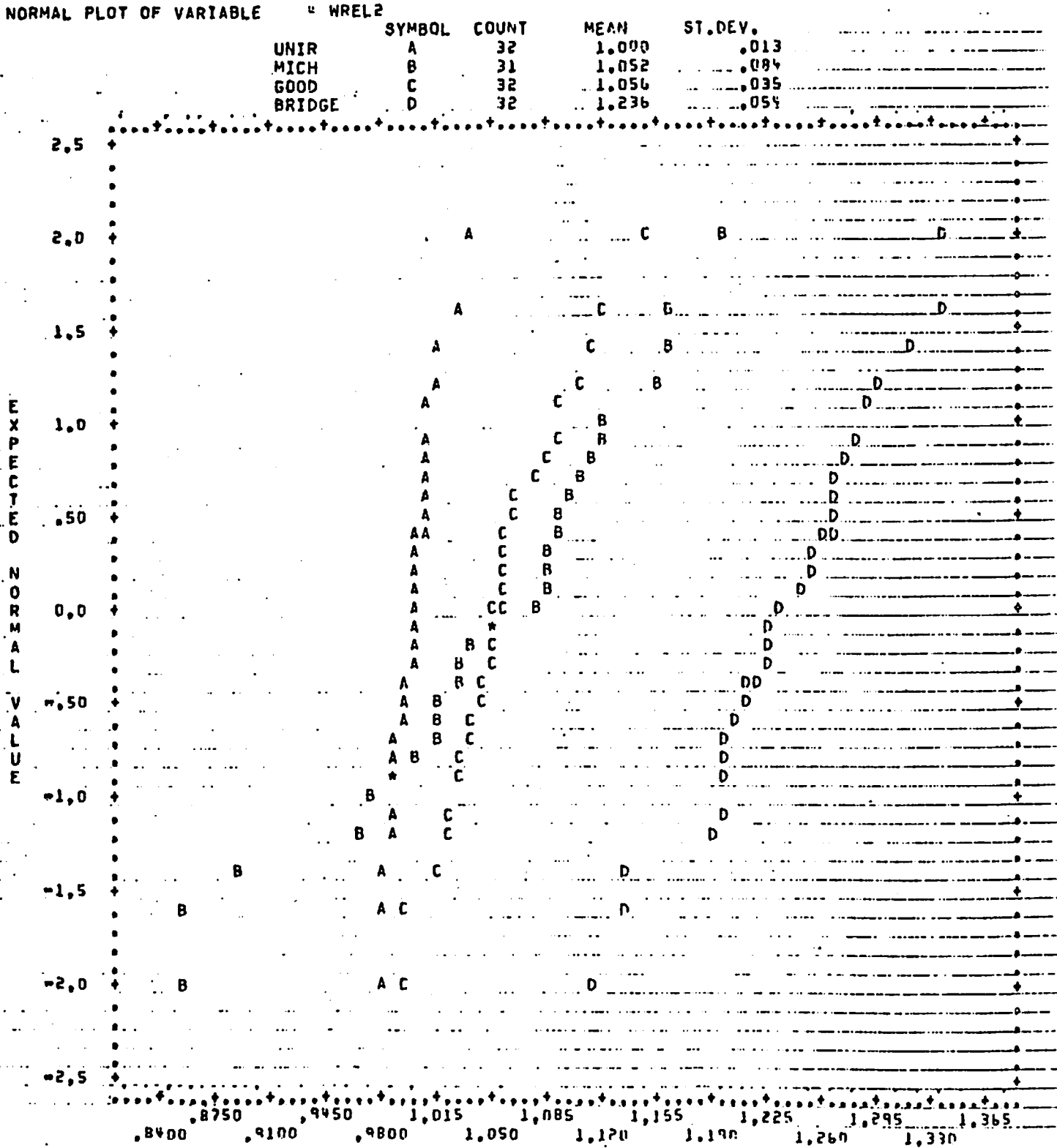
WREL1

	SYMBOL	COUNT	MEAN	ST.DEV.
UNIR	A	32	1.000	.014
MICH	B	31	1.050	.087
GOOD	C	32	1.057	.034
BRIDGE	D	32	1.232	.054



*Grams/1000 miles

FIGURE F.24 NORMAL PROBABILITY PLOTS
 Relative Weight Loss Rate* By Tire Brand
 Phase I and Phase III Combined
 R2

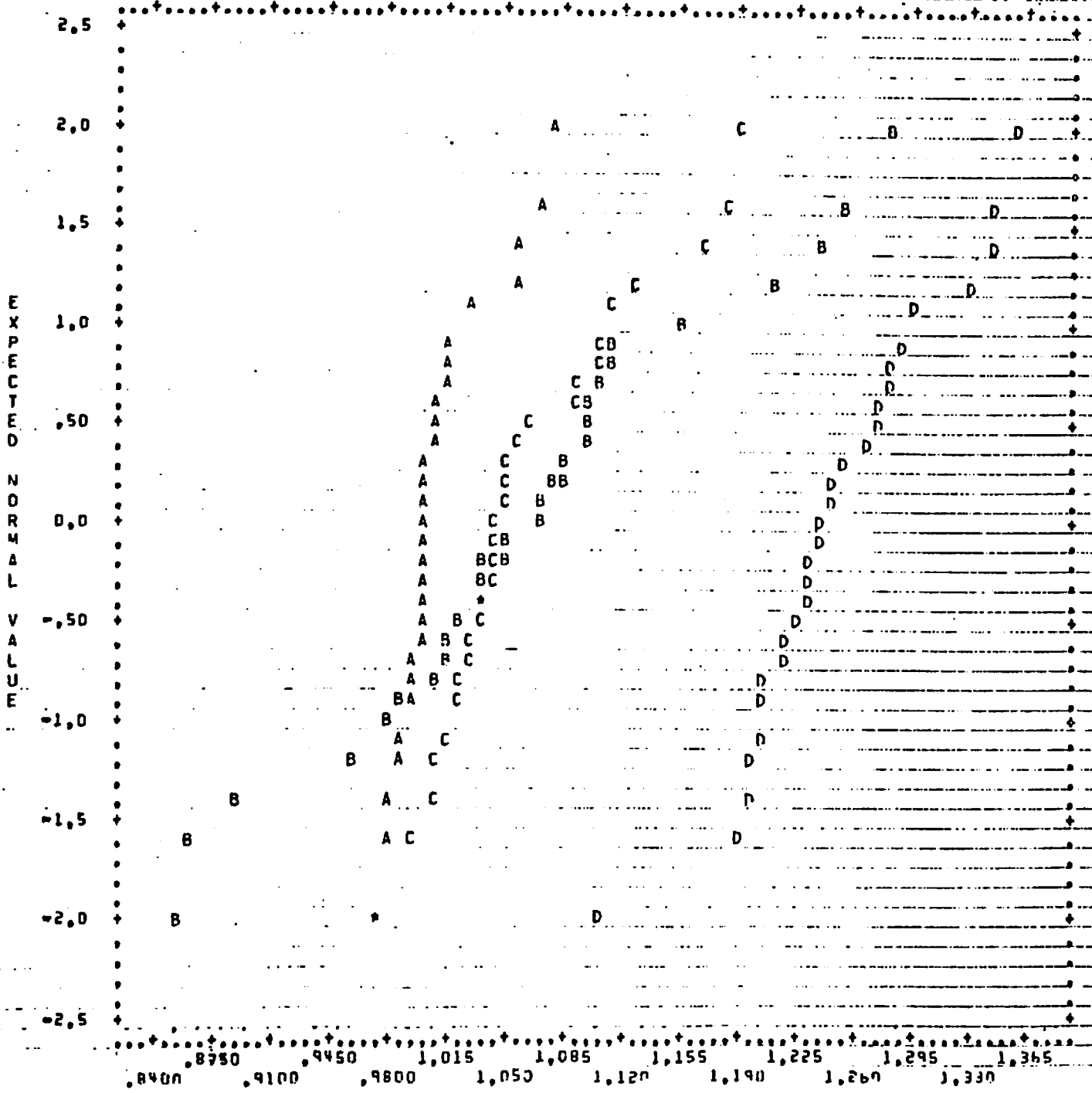


*Grams/1000 miles

FIGURE F.24 NORMAL PROBABILITY PLOTS
 Relative Weight Loss Rate* By Tire Brand
 Phase I and Phase III Combined
 R3

NORMAL PLOT OF VARIABLE WREL3

UNIR	SYMBOL	COUNT	MEAN	ST. DEV.
UNIR	A	32	1.008	.025
MICH	B	31	1.062	.101
GOOD	C	32	1.060	.052
BRIDGE	D	32	1.248	.051



*Grams/1000 miles

APPENDIX G

Estimated Wear Rate Regression Analysis

TABLE G.1
REGRESSION SUMMARY PHASE I & III COMBINED
BY TIRE BRAND AND RUN TYPE

			SIGNIFICANCE LEVELS					COEFFICIENT OF VARIATION
TIRE BRAND	TEMPERATURE	HUMIDITY	WET MILES	CONVOY	R ²			
Estimated Wear Rate (Mils/1000 miles)	1. UNIROYAL	R1	.004	.493	.000	.038	.985	3.44
		R2	.000	.254	.000	.000	.985	3.03
		R3	.008	.505	.000	.000	.982	3.01
	2. MICHELIN	R1	.933	.635	.638	.983	.666	16.54
		R2	.955	.625	.544	.980	.665	15.50
		R3	.957	.710	.889	.915	.689	14.72
	3. GOODYEAR	R1	.002	.148	.000	.000	.977	3.82
		R2	.007	.413	.000	.000	.976	3.75
		R3	.110	.722	.001	.000	.978	3.78
	4. BRIDGESTONE	R1	.039	.417	.026	.041	.954	4.80
		R2	.032	.530	.022	.024	.962	4.24
		R3	.010	.438	.005	.001	.979	3.35
Estimated Relative Wear Rate (mils/1000 miles)	1. UNIROYAL	R1						
		R2						
		R3						
	2. MICHELIN	R1	.411	.482	.107	.845	.279	15.44
		R2	.173	.213	.019	.445	.339	14.45
		R3	.569	.607	.141	.853	.293	13.85
	3. GOODYEAR	R1	.533	.698	.172	.003	.602	4.32
		R2	.012	.019	.002	.000	.618	4.38
		R3	.150	.125	.022	.049	.499	4.04
	4. BRIDGESTONE	R1	.388	.716	.005	.108	.785	4.36
		R2	.006	.019	.000	.000	.826	3.92
		R3	.911	.958	.000	.020	.752	3.31
Estimated Weight Loss Rate (gms/1000 miles)	1. UNIROYAL	R1	.002	.764	.000	.000	.991	1.58
		R2	.000	.342	.000	.000	.993	1.43
		R3	.000	.035	.000	.000	.994	1.30
	2. MICHELIN	R1	.920	.538	.841	.986	.750	6.91
		R2	.992	.563	.712	.927	.767	6.74
		R3	.790	.776	.654	.894	.774	6.60
	3. GOODYEAR	R1	.075	.834	.006	.000	.968	2.85
		R2	.104	.907	.004	.000	.968	2.79
		R3	.292	.547	.028	.000	.970	2.71
	4. BRIDGESTONE	R1	.000	.012	.000	.001	.970	3.43
		R2	.000	.024	.000	.000	.971	3.31
		R3	.002	.059	.001	.001	.969	3.40
Estimated Relative Weight Loss Rate (gms/1000 miles)	1. UNIROYAL	R1						
		R2						
		R3						
	2. MICHELIN	R1	.517	.719	.995	.128	.537	6.09
		R2	.481	.868	.917	.190	.502	6.04
		R3	.614	.701	.861	.110	.528	5.93
	3. GOODYEAR	R1	.083	.224	.831	.440	.291	2.86
		R2	.035	.110	.627	.309	.352	2.83
		R3	.041	.117	.668	.409	.353	3.02
	4. BRIDGESTONE	R1	.014	.055	.870	.485	.468	3.68
		R2	.049	.200	.899	.943	.477	3.37
		R3	.074	.244	.833	.679	.360	3.40
Estimated Relative Weight Loss Rate (gms/1000 miles)	1. UNIROYAL	R1						
		R2						
		R3						
	2. MICHELIN	R1	.466	.602	.593	.348	.556	6.20
		R2	.397	.521	.591	.302	.541	6.04
		R3	.479	.608	.680	.194	.570	5.89
	3. GOODYEAR	R1	.859	.936	.796	.894	.292	2.98
		R2	.422	.489	.972	.677	.365	2.91
		R3	.088	.108	.452	.124	.470	2.84
	4. BRIDGESTONE	R1	.014	.018	.096	.169	.555	3.50
		R2	.049	.070	.244	.439	.530	3.32
		R3	.242	.296	.440	.834	.378	3.49

TABLE G.2

BRAND=1

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: RATE1		DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
SOURCE		6	16.16517239	2.69419540	274.49	0.0001	0.985048	3.4385
MODEL		25	0.24537761	0.00981510		ROOT MSE		RATE1 MEAN
ERROR		31	16.41055000			0.09907121		2.88125000
CONNECTED TOTAL								

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP1	1	0.09965427	10.15	0.0039
HUM1	1	0.00474586	0.48	0.4932
WET1	1	0.35200875	35.86	0.0001
CONV	3	0.09632773	3.27	0.0378

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	-2.48500362 B	-2.45	0.0214	1.01262125
TEMP1	0.08494944	3.19	0.0039	0.02665999
HUM1	-0.00849213	-0.70	0.4932	0.01221255
WET1	0.00136045	5.99	0.0001	0.00022717
CONV	-0.80824689 B	-2.52	0.0187	0.32133630
	-1.02858231 B	-2.65	0.0137	0.38768455
	-0.04457641 B	-0.69	0.4988	0.06494856
	0.00000000 B			

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE G.3

BRAND=1

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: RATE2		DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
SOURCE		6	12.94072313	2.15678719	277.22	0.0001	0.985193	3.0327
MODEL		25	0.19449874	0.00777595		ROOT MSE		RATE2 MEAN
ERROR		31	13.13522188			0.08820402		2.90843750
CORRECTED TOTAL								

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP2	1	0.11769744	15.13	0.0007
HUM2	1	0.01060873	1.36	0.2539
WET2	1	0.37497361	48.20	0.0001
CONV	3	0.20261725	8.68	0.0004

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	ES > II	STD ERROR OF ESTIMATE
INTERCEPT	-2.08770862 B	-2.63	0.0144	0.79375526
TEMP2	0.08268542	3.89	0.0007	0.02125856
HUM2	-0.01155027	-1.17	0.2539	0.0089120
WET2	0.00112206	6.94	0.0001	0.00016162
CONV	-0.77099785 B	-3.04	0.0055	0.25356761
	-1.03864968 B	-3.43	0.0021	0.30288895
	0.01729005 B	0.31	0.7578	0.05545093
	0.00000000 B			

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS HO: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE G.4

BRAND=1

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: RATE3		DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
SOURCE		6	12.06498575	2.01083096	223.49	0.0001	0.981698	3.3011
MODEL		25	0.22493613	0.00899745		ROOT MSE		BATED MEAN
ERROR		31	12.28992188			0.09485486		2.87343750
CORRECTED TOTAL								

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP3	1	0.07498638	8.33	0.0079
HUM3	1	0.00412640	0.46	0.5045
WET3	1	0.44439394	49.39	0.0001
CONV	3	0.36844792	13.65	0.0001

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	-1.72503384	-1.89	0.0699	0.91094329
TEMP3	0.07136288	2.89	0.0079	0.02471956
HUM3	-0.03783811	-0.68	0.5045	0.01157405
WET3	0.00181962	7.03	0.0001	0.00025892
CONV	-0.54307503	-1.72	0.0978	0.31570875
	-0.84222471	-2.19	0.0379	0.37060577
	0.13744517	2.07	0.0491	0.06645046
	0.00000000			

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TABLE G.5

BRAND=1

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: WGT1							
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	6	306.64802134	51.10800356	480.49	0.0001	0.991403	1.5763
ERROR	25	2.65916616	0.10636665		ROOT MSE		WGHT1 MEAN
CORRECTED TOTAL	31	309.30718750			0.32613900		20.69062500

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP1	1	1.28433267	12.07	0.0019
HUM1	1	0.00979172	0.03	0.7641
WET1	1	2.79175949	26.25	0.0001
CONV	3	7.03878637	22.06	0.0001

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	-0.33975700	-0.10	0.9196	3.33351420
TEMP1	0.30496594	3.47	0.0019	0.08776378
HUM1	-0.31249800	-0.30	0.7641	0.04020330
WET1	0.00383129	5.12	0.0001	0.00074784
CONV	-1.30935106	-1.24	0.2273	1.05782830
	-2.75441594	-2.16	0.0407	1.27624414
	0.54031241	2.53	0.0182	0.21380841
	0.00000000			

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TABLE G.6

BRAND=1

GENERAL LINEAR MODEL'S PROCEDURE

DEPENDENT VARIABLE: WGT2							
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	6	205.27568694	48.21328116	565.22	0.0001	0.992682	1.4271
ERROR	25	2.13250056	0.08530002		ROOT MSE		WGHT2 MEAN
CORRECTED TOTAL	31	231.41218750			0.29206168		20.46562500

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP2	1	1.91159867	22.41	0.0001
HUM2	1	0.08013166	0.94	0.3417
WRT2	1	3.53352971	41.42	0.0001
CONV	3	6.65809544	26.02	0.0001

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	-1.04188191 B	-0.40	0.6952	2.62828705
TEMP2	0.33322976	4.73	0.0001	0.07039146
HUM2	-0.03174303	-0.97	0.3417	0.03275179
WRT2	0.00344447	6.44	0.0001	0.00053517
CONV	-1.81684906 B	-2.16	0.0402	0.83961454
	-3.24262570 B	-3.23	0.0034	1.00292767
	0.44956065 B	2.45	0.0217	0.18360946
	0.00000000 B			

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TABLE G.7

RRAND=1

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: WGHY3

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	6	286.70565958	47.78427660	693.29	0.0001	0.994026	1.3017
ERROR	25	1.72309042	0.06892362		ROOT MSE		WGHT3 MEAN
CORRECTED TOTAL	31	288.42875000			0.26253308		20.16875000

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP3	1	2.47546599	35.92	0.0001
HUM3	1	0.34449574	5.00	0.0345
WET3	1	3.43066402	49.77	0.0001
CONV	3	9.34302622	45.19	0.0001

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	-3.91440449	-1.55	0.1331	2.52124918
TEMP3	0.41002437	5.99	0.0001	0.06841719
HUM3	-0.07161726	-2.24	0.0345	0.03203390
WET3	0.00505576	7.06	0.0001	0.00071661
CONV	-2.67945761	-3.07	0.0052	0.87379800
	-4.40155142	-4.29	0.0002	1.02573839
	0.39284013	2.14	0.0427	0.18391722
	0.00000000			

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TABLE G.8

BRAND-2

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: RATE1

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	6	15.11734697	2.51955783	8.33	0.0001	0.666493	16.5359
ERROR	25	7.56457490	0.30258300		ROOT MSE		RATE1 MPAN
CORRECTED TOTAL	31	22.68192188			0.55007545		3.32656250

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP1	1	0.00216656	0.01	0.9332
HUM1	1	0.07066108	0.23	0.6346
WET1	1	0.06982291	0.23	0.6376
CONV	3	0.04914689	0.05	0.9830

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	2.42915646 B	0.43	0.6694	5.62240124
TEMP1	-0.01252557	-0.08	0.9332	0.14802492
HUM1	0.03262852	0.48	0.6346	0.06780805
WET1	-0.00060155	-0.48	0.6376	0.00126133
CONV	-0.17368786 B	-0.10	0.9232	1.78416323
	-0.23507004 B	-0.11	0.9139	2.15255019
	-0.12279624 B	-0.34	0.7363	0.36061543
	0.00000000 B			

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TABLE G.9

BRAND=2

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: RATE2		DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
SOURCE								
MODEL	0	12.9915858	2.16526476	8.26	0.0001	0.664667	15.5044	
ERROR	25	6.55441142	0.26217646		ROCT MSE		RATE2 MEAN	
CORRECTED TOTAL	31	19.5460000			0.51203170		3.30250000	

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP2	1	0.0026627	0.00	0.9546
HUM2	1	0.06405778	0.24	0.6254
WET2	1	0.09935845	0.34	0.5437
CONV	3	0.04806377	0.06	0.9798

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PARAMETER	ESTIMATE	T FOR HO: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	2.31111229	0.50	0.6204	4.60781535
TEMP2	-0.00709367	-0.06	0.9546	0.12340770
HUM2	0.02838267	0.49	0.6254	0.05741923
WET2	-0.00057759	-0.62	0.5437	0.00093824
CONV	-0.21879394	-0.15	0.8830	1.47198107
	-0.34200761	-0.19	0.8471	1.75829559
	-0.09690531	-0.30	0.7659	0.32189729
	0.00000000			

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TABLE G.10

BRAND=2

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: RATE3							
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	6	12.61381755	2.10230293	9.22	0.0001	0.698685	14.7159
ERROR	25	5.70197932	0.22807917				
CORRECTED TOTAL	31	18.31579688			ROCI MSP 0.47757635		RATE3 MEAN 3.24531250

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP3	1	0.00069280	0.00	0.9565
HUM3	1	0.03232631	0.14	0.7097
WET3	1	0.00451936	0.02	0.8892
CONV	3	0.11673956	0.17	0.9152

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	1.57303962	0.34	0.7345	4.58642773
TEMP3	0.00685936	0.06	0.9565	0.12445834
HUM3	0.02193834	0.38	0.7097	0.05827316
WET3	-0.0018342	-0.14	0.8892	0.00130359
CONV	-0.25524793	-0.16	0.8737	1.58953403
	-0.43647474	-0.23	0.8170	1.86593020
	0.05779546	0.17	0.8642	0.33456552
	0.00000000			

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TABLE G.11

BRAND=2

GENERAL IN-FAR MODEL PROCEDURE

DEPENDENT VARIABLE: REL1	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
SOURCE							
MODEL	6	0.31594049	0.05265675	1.61	0.1850	0.279107	15.4402
ERROR	25	0.81602713	0.3264109		ROOT MSE		BEL1 MEAN
CORRECTED TOTAL	31	1.13196762			0.18066844		1.17011537

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP1	1	0.02280827	0.70	0.4111
HUM1	1	0.01604359	0.51	0.4817
WET1	1	0.09164329	2.79	0.1074
CUNV	3	0.02659106	0.27	0.3453

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	3.04476481 B	1.65	0.1117	1.04003843
TEMP1	-0.04064047	-0.84	0.4111	0.34861775
HUM1	0.01590551	0.71	0.4817	0.02227108
WET1	-0.00069188	-1.67	0.1074	0.00041427
CUNV	0.34463712 B	0.59	0.5617	0.58599595
	2	3.40259884 B	0.5741	0.70699008
	3	-0.00919677 B	0.9387	0.11844162
	4	0.00000000 B	.	.

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TABLE G.12

BRAND=2

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: REL2		DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
SOURCE								
MODEL		6	0.35817531	0.05969568	2.14	0.0846	0.338868	14.4512
ERROR		25	0.69880067			ROOT MSE		REL2 MEAN
CORRECTED TOTAL		31	1.05697598	0.02795203				1.15692113

SOURCE	DF	TYPE III SS	P VALUE	PR > F
TEMP2	1	0.05511699	1.97	0.1726
HUM2	1	0.04565834	1.63	0.2130
WET2	1	0.17614865	6.30	0.0189
CONV	3	0.07721002	0.92	0.4452

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	3.58077901 B	2.38	0.0253	1.50454393
TEMP2	-0.05658324	-1.40	0.1726	0.04029508
HUM2	0.02396186	1.28	0.2130	0.01874853
WET2	-0.00076905	-2.51	0.0189	0.00030635
CONV	0.56563853 B	1.18	0.2503	0.48063126
	0.62002284 B	1.08	0.2905	0.57411870
	-0.00096438 B	-0.01	0.9928	0.10510591
	0.00000000 B	.	.	.

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TABLE G.13

BRAND=2

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: REL3

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	6	0.25734881	0.04289147	1.73	0.1560	0.293077	13.8542
ERROR	25	0.62074385	0.02482975		ROOT MSE		REL3 MEAN
CORRECTED TOTAL	31	0.87809266			0.1575/460		1.13737582

SOURCE	DF	TYPE III SS	F VALUE	PR > P
TEMP3	1	0.60825979	0.33	0.5693
HUM3	1	0.00674857	0.27	0.6067
WET3	1	0.05730956	2.31	0.1410
CONV	3	0.01944700	0.26	0.8527

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PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	2.25048765 B	1.49	0.1495	1.51327531
TEMP3	-0.02368059	-0.58	0.5693	0.04106458
HUM3	0.01002378	0.52	0.6067	0.01922702
WET3	-0.00065379	-1.52	0.1410	0.00043011
CONV	0.12432695 B	0.24	0.8145	0.52446103
	0.15741378 B	0.26	0.8003	0.61565695
	-0.04207596 B	-0.38	0.7063	0.11038869
	0.00000000 B			

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TABLE G.14

BRAND=2

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: WGT1	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
SOURCE							
MODEL	6	167.98021690	27.99670282	12.52	0.0001	0.750248	6.9070
ERROR	25	55.51947060	2.23677682		ROOT MSE		WGT1 MEAN
CORRECTED TOTAL	31	223.89968750			1.49558645		21.65312500

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP1	1	0.02290049	0.01	0.9202
HUM1	1	0.87142233	0.39	0.5382
WET1	1	0.09211425	0.04	0.8408
CONV	3	0.32571198	0.05	0.9855

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	17.26936169 B	1.13	0.2693	15.28660690
TEMP1	-0.04072255	-0.10	0.9202	0.40246127
HUM1	0.11507297	0.62	0.5382	0.18436162
WET1	0.00069594	0.20	0.8408	0.00342940
CONV	0.18538461 B	0.04	0.9698	4.85091702
	-0.00468453 B	-0.00	0.9994	5.85251518
	-0.15974634 B	-0.16	0.8719	0.98046831
	0.00000000 B			

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE G.15

BRAND=2

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: WGT2

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	E-SQUARE	C.V.
MODEL	6	165.67419642	27.61236607	13.15	C.0001	0.766701	6.7441
ERROR	24	50.41290035	2.10053751		ROOT MSE		WGT2 MPAN
CORRECTED TOTAL	30	216.08709677			1.44932312		21.49032258

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP2	1	0.00019592	C.00	0.9924
HUM2	1	0.72276528	0.34	0.5630
WET2	1	0.29235878	0.14	0.7124
CONV	3	0.96638509	0.15	0.9265

G17

PARAMETER	ESTIMATE	T FOR HO: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	15.35943698	1.17	0.2527	13.10598374
TEMP2	0.00333989	0.01	0.9924	0.35089758
HUM2	0.09507487	0.59	0.5630	0.16310394
WET2	0.00099120	0.37	0.7124	0.00265685
CONV	-0.33296419	-0.06	0.9373	4.18657419
	-0.73374037	-0.15	0.8815	5.00100865
	-0.40593597	-0.43	0.6719	0.94679943
	0.00000000			

NOTE: THE X * X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS HO: E (BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER E ARE BLUE FOR THE PARAMETER.

TABLE G.16

BRAND=2

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: WHT3		DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
SOURCE								
MODEL		6	160.96325492	26.82720915	13.70	0.0001	0.773984	6.6042
ERROR		24	47.00384186	1.95849341		ROOT MSE		WGHT3 MEAN
CORRECTED TOTAL		30	207.96709677			1.39946183		21.19032258

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP3	1	0.14228468	0.07	0.7898
HUM3	1	0.16165065	0.03	0.7763
WET3	1	0.40328866	0.21	0.6541
CONV	3	1.19016472	0.20	0.8936

G18

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	11.66636953	0.87	0.3942	13.44729162
TEMP3	0.09834731	0.27	0.7898	0.36487532
HUM3	0.04907002	0.29	0.7763	0.17079710
WET3	0.00173943	0.45	0.6541	0.00383328
CONV	-1.27031223	-0.27	0.7875	4.66029417
	-1.94690786	-0.36	0.7250	5.47077095
	-0.47708368	-0.48	0.6385	1.00249946
	0.00600000			

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER E ARE BLUE FOR THE PARAMETER.

TABLE G.17

BRAND=2

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: WRFL1	DP	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
SOURCE							
MODEL	6	0.13399330	0.02233322	5.23	0.0013	0.556423	6-2006
ERROR	25	0.10682337	0.00427293		ROOT MSE		WRFL1 MEAN
CORRECTED TOTAL	31	0.24082267			0.06536769		1.05421230

SOURCE	DP	TYPE III SS	F VALUE	PR > F
TEMP1	1	0.00234199	0.55	0.4660
HUM1	1	0.00119476	0.28	0.6016
WE11	1	0.00125362	0.29	0.5929
CONV	3	0.01474341	1.15	0.3483

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	1.72465986	2.58	0.0161	0.66813266
TEMP1	-0.01302283	-0.74	0.4660	0.01759040
HUM1	0.00426088	0.53	0.6016	0.00805790
WE11	-8.1187679E-05	-0.54	0.5929	0.00014989
CONV	0.02915600	0.14	0.8917	0.21201933
	0.07829466	0.31	0.7621	0.25579624
	-0.03980086	-0.93	0.3619	0.04265319
	0.00000000			

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: P(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE G.18

BRAND=2

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: WREL2	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
SOURCE							
MODEL	0	0.11424198	0.01904031	4.72	0.0026	0.541893	6.0375
ERROR	24	0.09673379	0.00403057		ROOT MSE		WREL2 MEAN
CORRECTED TOTAL	30	0.21097578			0.06348681		1.05153626

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP2	1	0.00299776	0.74	0.3970
HUM2	1	0.00170716	0.42	0.5214
WEL2	1	0.00119830	0.30	0.5906
CONV	3	0.01556154	1.29	0.3015

PARAMETER	ESTIMATE	T FOR HO: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	1.71138485	2.98	0.0065	0.57410046
TEMP2	-0.01325603	-0.86	0.3970	0.01537088
HUM2	0.00464982	0.65	0.5214	0.00714468
WEL2	-0.3457743E-05	-0.55	0.5906	0.00011638
CONV	0.03826319	0.21	0.8365	0.18339059
	0.07725665	0.35	0.7274	0.21906645
	-0.04779839	-1.15	0.2605	0.04147403
	0.00000000			

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS HO: PARAMETER ESTIMATION = 0. ESTIMATES NOT FOLLOWED BY THE LETTER F ARE BLUE FOR THE PARAMETER.

TABLE G.19
BRAND=2

GENERAL LINEAR MODELS PROCEDURE

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	6	0.12231919	0.02038653	5.30	0.0013	0.569792	5.8931
ERROR	24	0.09235433	0.00384810		HOCT MSE		MBEL3 MEAN
CONNECTED TOTAL	30	0.21467352			0.06203303		1.05264570

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP3	1	0.00198652	0.52	0.4794
HUM3	1	0.00104051	0.27	0.6078
WET3	1	0.00067126	0.17	0.6799
CONV	3	0.01959766	1.70	0.1942

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	1.65057973 B	2.77	0.0107	0.59606933
TEMP3	-0.01162064	-0.72	0.4794	0.01617359
HUM3	0.00393680	0.52	0.6078	0.00757081
WET3	-7.0966881E-05	-0.42	0.6799	0.00016992
CONV	0.01752730 B	0.08	0.9331	0.20657382
	0.05761465 B	0.24	0.8142	0.24249930
	-0.05598506 B	-1.26	0.2198	0.04443714
	0.00000000 B			

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATORS NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE G.20

BRAND=3

GENERAL LINEAR MODEL PROCEDURE

DEPENDENT VARIABLE: RATE1								
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.	
MODEL	6	28.76599343	4.79433224	178.48	0.0001	0.977187	3.8216	
ERROR	25	0.67155657	0.02686226		ROOT MSE		RATE1 MEAN	
CORRECTED TOTAL	31	29.43755000			0.16389711		4.28875000	

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP1	1	0.32383863	12.06	0.0019
HUM1	1	0.05999563	2.23	0.1476
WET1	1	0.61146891	22.76	0.0001
CONV	3	1.26937563	15.76	0.0001

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	EL > T	STD ERROR OF ESTIMATE
INTERCEPT	-4.34957245	-2.60	0.0156	1.67521624
TEMP1	0.15313506	3.47	0.0019	0.04410460
HUM1	-0.03019387	-1.49	0.1476	0.02020367
WET1	0.03179305	4.77	0.0001	0.03037582
CONV	-1.37666991	-2.59	0.0158	0.53159835
	-2.09234339	-3.26	0.0032	0.64136067
	0.12276890	1.14	0.2640	0.10744676
	0.00000000			

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE G.21

BRAND=3

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: RATE2							
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	6	25.38944768	4.23157461	169.97	0.0001	0.976072	3.7453
ERROR	25	0.62239920	0.02489597		ROOT MSE		RATE2 MEAN
CORRECTED TOTAL	31	26.01184687			0.15778456		4.21281250

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP2	1	0.21584290	8.67	0.0069
HUM2	1	0.01725665	0.69	0.4130
WET2	1	0.51128089	20.54	0.0001
CONV	3	1.66260112	14.23	0.0001

PARAMETER	ESTIMATE	T FOR HO: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	-2.57490753	-1.81	0.0818	1.41991625
TEMP2	0.11197325	1.94	0.0069	0.03802856
HUM2	-0.01473122	-0.83	0.4130	0.01769396
WET2	0.06131023	4.53	0.0001	0.00028912
CONV	-0.94985824	-2.09	0.0460	0.45359670
	-1.57103492	-2.90	0.0077	0.54182564
	0.11466551	1.16	0.2586	0.09919390
	0.00000000			

NOTE: THE X*X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER E ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS HO: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER E ARE BLUE FOR THE PARAMETER.

TABLE G.22

BRAND=3

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: RATE3							
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	6	26.11019787	4.35169564	185.43	0.0001	0.978024	3.7822
ERROR	25	0.58669901	0.02346796		ROOT MSE		RATE3 MEAN
CORRECTED TOTAL	31	26.69689688			0.15319256		4.05031250

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP3	1	0.06446059	2.75	0.1099
HUM3	1	0.00302668	0.13	0.7225
WET3	1	0.35046818	14.93	0.0007
CONV	3	0.98742894	14.03	0.0001

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	-1.05867916 B	-0.72	0.4787	1.47119220
TEMP3	0.06616500	1.66	0.1099	0.03992260
HUM3	0.00671288	0.36	0.7225	0.01869233
WET3	0.00161593	3.86	0.0007	0.00041815
CONV	-0.41432797 B	-0.81	0.4241	0.50987614
	-0.94080262 B	-1.57	0.1286	0.59853597
	0.17056365 B	1.59	0.1246	0.10731886
	0.00000000 B			

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD PRB IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE G.23

BRAND=3

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: BEL1

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	6	0.15843359	0.02640560	6.30	0.0004	0.601840	4.3177
ERROR	25	0.10481522	0.00419261		ROOT MSE		REL1 MEAN
CORRECTED TOTAL	31	0.26324881			0.06475036		1.49966600

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP1	1	0.00167393	0.40	0.5332
HUM1	1	0.00064312	0.15	0.6975
NET1	1	0.00830720	1.94	0.1716
CONV	3	0.07865007	6.25	0.0026

G25

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PK > T	STD ERROR OF ESTIMATE
INTERCEPT	2.0294367 R	3.07	0.0051	0.66182285
TEMP1	-0.01100984	-0.63	0.5332	0.01742428
HUM1	0.00313824	0.39	0.6975	0.00798181
NET1	-0.00020899	-1.41	0.1716	0.00014847
CONV	0.20094062 H	0.96	0.3478	0.21001703
	0.11465554 B	0.45	0.6548	0.25338051
	0.10256061 B	2.42	0.0233	0.04244868
	0.00600000 B			

NOTE: THE X*X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS (OR E (BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER E ARE BLUE FOR THE PARAMETER.

TABLE G.24

BRAND=3

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: REL2

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	6	0.16684268	0.02780711	6.74	0.0002	0.618127	4.3817
ERROR	25	0.10307401	0.00412276		ROCT MSE		REL2 MEAN
CORRECTED TOTAL	31	0.26991669			0.06421028		1.46540346

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP2	1	0.02943941	7.26	0.0124
HUM2	1	0.02605652	6.32	0.0187
WET2	1	0.04972599	12.06	0.0019
CONV	3	0.11944416	9.66	0.0002

G26

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	3.11304057 B	5.39	0.0001	0.57783361
TEMP2	-0.0417J297	-2.69	0.0124	0.01547569
HUM2	0.01810167	2.51	0.0187	0.00720054
WET2	-0.03040861	-3.47	0.0019	0.00011766
CONV	0.57889520 B	3.14	0.0044	0.18459076
	0.52700602 B	2.39	0.0247	0.22049544
	0.08979510 J	2.22	0.0354	0.04036687
	0.00000000 B			

NOTE: THE X*X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS (NO: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER E ARE BLUE FOR THE PARAMETER.

TABLE G.25

BRAND=3

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: REL3							
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	6	0.08031056	0.01338509	4.14	0.0051	0.498505	4.0410
ERROR	25	0.08079229	0.00323169		ROOT MSE		REL3 MEAN
CORRECTED TOTAL	31	0.16110285			0.05684797		1.40678683

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP3	1	0.00711542	2.20	0.1504
HUM3	1	0.00812553	2.51	0.1254
WET3	1	0.01936490	5.99	0.0217
CONV	3	0.02919624	3.01	0.0490

PARAMETER	ESTIMATE	T FOR HO: PARAMETER=0	EB > T	STD ERROR OF ESTIMATE
INTERCEPT	2.23530705	4.09	0.0004	0.54594225
TEMP3	-0.02198273	-1.48	0.1504	0.01481481
HUM3	0.01999896	1.59	0.1254	0.00693651
WET3	-0.03037984	-2.45	0.0217	0.00015517
CONV	0.25766428	1.36	0.1854	0.18929908
	0.22364276	1.01	0.3236	0.22210971
	0.00977896	0.25	0.8080	0.03982477
	0.00000000			

NOTE: THE X'X MATRIX HAS BEEN OPENED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (JOB ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE UNBIASED ESTIMATOR AND THE T VALUE TESTS HO: E (BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER E ARE BLUE FOR THE PARAMETER.

TABLE G.26

BRAND=3

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: WGT1

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	6	294.02613540	49.00435590	126.79	0.0001	0.968193	2.8477
ERROR	25	9.66261460	0.38653458		ROOT MSP		WGT1 MEAN
CORRECTED TOTAL	31	303.68875000			0.62169493		21.83125000

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP1	1	1.33318585	3.46	0.0746
HUM1	1	0.01733277	0.04	0.8340
WET1	1	3.53947513	9.16	0.0057
CONV	3	10.73976383	9.26	0.0003

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PARAMETER ESTIMATE T FOR HO: PARAMETER=0

PARAMETER	ESTIMATE	T FOR HO: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	0.70711334 B	0.11	0.9123	6.35443440
TEMP1	0.31129403	1.06	0.0746	0.16729767
HUM1	-0.01622905	-0.21	0.8340	0.07663662
WET1	0.00431396	3.03	0.0057	0.00142555
CONV	-1.53920391 B	-0.76	0.4524	2.01646017
	-3.37088506 B	-1.39	0.1781	2.43281089
	0.60387183 B	1.48	0.1509	0.40756733
	0.00000000 B			

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETERS BUT ARE BLUE FOR SOME LINEAR COMBINATIONS OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS HO: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE G.27

BRAND=1

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: WHT2

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	6	275.25172101	45.87528684	126.41	0.0001	0.968089	2.7927
ERROR	25	9.07296649	0.36291866		ROCT MSE		WGHT2 MEAN
CORRECTED TOTAL	31	284.32468750			0.60242731		21.57187500

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP2	1	1.03218092	2.84	0.1042
HUM2	1	0.00503826	0.01	0.9071
WET2	1	3.62828415	10.00	0.0041
CONV	3	9.42081627	8.65	0.0004

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PARAMETER	ESTIMATE	T FOR HO: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	3.56874157 B	0.66	0.5164	5.42129289
TEMP2	0.24486309	1.69	0.1042	0.14519447
HUM2	0.00795978	0.12	0.9071	0.06755619
WET2	0.00349034	3.16	0.0041	0.00110388
CONV	-1.00304366 B	-0.58	0.5677	1.73184902
	-2.68146923 B	-1.30	0.2067	2.06871037
	0.51388002 B	1.36	0.1870	0.37872600
	0.00000000 B			

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (0B ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS HO: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE G.28

BRAND=3

GENERAL LINEAR MODEL PROCEDURE

DEPENDENT VARIABLE: WGT3

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	6	266.66810747	44.44468466	134.73	0.0001	0.97002	2.7140
ERROR	25	8.24689203	0.32987568		ROOT MSF		WGHT3 MEAN
CORRECTED TOTAL	31	274.91500000			0.57434805		21.16250000

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP3	1	0.38179778	1.16	0.2923
HUM3	1	0.12299027	0.37	0.5470
WET3	1	1.86614707	5.44	0.0276
CONV	3	10.34537061	10.45	0.0001

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PARAMETER	ESTIMATE	T FOR H0:	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	6.68020756	1.21	0.2372	5.51577942
TEMP3	0.16102670	1.08	0.2923	0.14967744
HUM3	0.04279186	0.61	0.5470	0.07008110
WET3	0.00368838	2.34	0.0276	0.00156774
CONV	0.05856310	0.03	0.9758	1.91162264
	-1.60994423	-0.72	0.4798	2.24402520
	0.44171529	1.10	0.2827	0.40235881
	0.00600000			

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (0B ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE UNBIASED ESTIMATOR AND THE T VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE G.29

BRAND=3

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: WRELL1		DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	B-SQUARE	C.V.
SOURCE								
MODEL		6	0.01018762	0.00169794	1.72	0.1586	0.291764	2.9760
ERROR		25	0.02472976	0.00098919		ROOT MSE		WRELL1 MEAN
CORRECTED TOTAL		31	0.03491738			0.03145140		1.05684192

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP1	1	0.00003193	0.03	0.8589
HUM1	1	0.00000654	0.01	0.9359
WET1	1	0.00006726	0.07	0.7964
CONV	1	0.00060074	0.20	0.8937

PARAMETER	ESTIMATE	T FOR H0: FAHAFTR=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	1.14119903 B	3.56	0.0015	0.32146933
TEMP1	-0.00152060	-0.18	0.8589	0.00846355
HUM1	0.00031516	0.08	0.9359	0.00187703
WET1	1.88055818-05	0.26	0.7964	0.00007212
CONV	1 0.00451268 B	0.04	0.9651	0.10201224
	2 -0.00756717 A	-0.06	0.9515	0.12107533
	3 0.00434847 H	0.21	0.8347	0.02061874
	4 0.00000000 H			

NOTE: THE X'X MATRIX HAS BEEN OPENED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE G.30

BRAND=3

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: WBEL2							
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	6	0.01357337	0.0022622J	2.40	0.0573	0.365248	2.9094
ERROR	25	0.02358870	0.00094355		ROOT MSE		WBEL2 MEAN
CORRECTED TOTAL	31	0.03716207			0.03071722		1.05578307

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP2	1	0.00062965	0.67	0.4217
HUM2	1	0.00046612	0.49	0.4886
WET2	1	0.00000121	0.00	0.9717
CONV	3	0.00145462	0.51	0.6765

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	1.31265823 B	4.75	0.0001	0.27642682
TEMP2	-0.00604779	-0.82	0.4217	0.00740333
HUM2	0.00242108	0.70	0.4886	0.00344463
WET2	2.0156168E-06	0.04	0.9717	0.00005629
CONV	0.05466816 B	0.62	0.5415	0.08830541
	0.04669718 B	0.44	0.6618	0.10548167
	0.00414683 B	0.21	0.8317	0.01931090
	0.00000000 B			

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (ON ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER E ARE BLUE FOR THE PARAMETER.

TABLE G.31

BRAND=3

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: WREL3						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE
MODEL	6	0.01973540	0.00328923	3.70	0.0090	0.470450
ERROR	25	0.02221469	0.00088859		ROOT MSE	2.8354
CORRECTED TOTAL	31	0.04195009			0.02980919	WREL3 MEAN 1.05132997

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP3	1	0.00280630	3.16	0.0877
HUM3	1	0.00247406	2.78	0.1077
WET3	1	0.00051916	0.58	0.4518
CONV	3	0.00563428	2.11	0.1239

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	1.60068003 B	5.59	0.0001	0.28627399
TEMP3	-0.01380539	-1.78	0.0877	0.00776840
HUM3	0.00606919	1.67	0.1077	0.00363727
WET3	-6.2193752E-05	-0.76	0.4518	0.00008137
CONV	0.14818301 B	1.49	0.1478	0.09921496
	0.15229567 B	1.31	0.2029	0.11646696
	0.00045244 B	0.02	0.9829	0.02088279
	0.00000000 B			

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TEST FUNCTION. FOR THE UNBIASED ESTIMATORS, THE STD ERR IS THAT OF THE UNBIASED ESTIMATOR AND THE T VALUE TEST FUNCTION.

TABLE G.32

BRAND=4

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: RATE1		DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
SOURCE								
MODEL		6	51.63756403	8.60626067	86.87	0.0001	0.954230	4.8014
ERROR		25	2.47682347	0.09866974		ROOT MSE		RATE1 MEAN
CORRECTED TOTAL		31	54.11438750			0.31475854		6.55562500

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP1	1	0.47072265	4.75	0.0389
HUM1	1	0.06755190	0.68	0.4168
WET1	1	0.55307029	5.58	0.0262
CONV	3	0.94632211	3.18	0.0412

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	-4.08627650 B	-1.27	0.2157	3.21719288
TEMP1	0.18462696	2.18	0.0389	0.08470130
HUM1	-0.03203891	-0.33	0.4168	0.03880043
WET1	0.00170528	2.36	0.0262	0.00072175
CONV	-1.51423794 B	-1.48	0.1505	1.02091562
	-2.26980853 B	-1.84	0.0772	1.23171023
	-0.11148623 B	-0.54	0.5938	0.20634767
	0.00000000 B			

NOTE: THE X*X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE G.33

BRAND=4

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: RATE2		GENERAL LINEAR MODELS PROCEDURE					
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	6	46.32629542	7.72104924	105.16	0.0001	0.961889	4.2443
ERROR	25	1.83547645					
CORRECTED TOTAL	31	48.16177187					
					ROOT MSE		RATE2 MEAN
					0.27095951		6.38406250

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP2	1	0.37945595	5.17	0.0318
HUM2	1	0.02973073	0.40	0.5303
WET2	1	0.44149133	6.01	0.0215
CONV	3	0.8260969	3.75	0.0237

PARAMETER	ESTIMATE	T FOR HO: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	-2.58707009 B	-1.06	0.2968	2.43838696
TEMP2	0.14846569	2.27	0.0318	0.06530551
HUM2	-0.01933587	-0.64	0.5303	0.03038540
WET2	0.00121753	2.45	0.0215	0.00049650
CONV	-1.12661057 B	-1.45	0.1605	0.77895036
	-1.76582058 B	-1.90	0.0693	0.93046372
	-0.06112719 B	-0.36	0.7227	0.17034323
	0.00000000 B			

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATION SOLICITED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETERS BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (0B ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS HO: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE G.34

BRAND=4

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: RATE3							
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	6	48.95484499	8.16580749	191.49	0.0001	0.978704	3.3535
ERROR	25	1.06610199	0.04264408		ROOT MSE		BATP3 MEAN
CORRECTED TOTAL	31	50.06094688			0.20650443		6.15781250

SOURCE	DF	TYPE III SS	F VALUE	PR > F	STD ERROR OF ESTIMATE
TEMP3	1	0.33628942	7.89	0.0095	1.98317517
HUM3	1	3.02644151	0.62	0.4364	0.05381589
WET3	1	0.3952096	9.28	0.0054	0.02519736
CONV	3	0.84594478	7.00	0.0014	0.00056367

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	-2.52852980	-1.48	0.1522	0.05381589
TEMP1	0.15112551	2.81	0.0095	0.02519736
HUM1	-0.01984124	-0.79	0.4364	0.00056367
WET1	0.00171752	3.05	0.0054	0.68711589
CONV1	-1.24995345	-1.82	0.0810	0.80682984
CONV2	-1.68679098	-2.34	0.0277	0.14466642
CONV3	-0.03591764	-0.25	0.8059	
CONV4	0.00000000			

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (0 IS ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE G.35

BRAND=4

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: REL1

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	6	0.92900030	0.15484072	15.24	0.0001	0.785307	4.3648
ERROR	25	0.25399821	0.01015993		ROOT MSP		82L1 MEAN
CORRECTED TOTAL	31	1.16307851			0.10079647		2.30928759

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP1	1	0.00784751	0.77	0.3878
HUM1	1	0.0017338	3.14	0.7156
WET1	1	0.09645107	9.49	0.0050
CONV	3	0.06835824	2.24	0.1081

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PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	3.66183676 B	3.55	0.0016	1.03025541
TEMP1	-0.02383948	-0.88	0.3878	0.02712426
HUM1	0.00457925	0.37	0.7156	0.01242523
WET1	-0.00071213	-3.08	0.0050	0.00023113
CONV	0.41636111 B	1.27	0.2145	0.32693217
	0.37349898 B	0.95	0.3527	0.39443583
	0.03483080 B	0.53	0.6030	0.06607959
	0.00000000 B			

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (US ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTION. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE G.36

URAND=4

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: REL2

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	6	0.90673044	0.15112174	19.74	0.0001	0.825741	3.9154
ERROR	25	0.19135000	0.00765400		ROOT MSE		REL2 MEAN
CORRECTED TOTAL	31	1.09808045			0.08748714		2.23446127

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP2	1	0.06317211	8.91	0.0063
HUM2	1	0.04811933	6.29	0.0190
WET2	1	0.26146872	34.16	0.0001
CONV	3	0.21702242	9.45	0.0002

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PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCPT	4.93081178 U	6.26	0.0001	0.78730400
TEMP2	-0.06292870	-2.98	0.0063	0.02108578
HUM2	0.02459916	2.51	0.0190	0.00981081
WET2	-0.00093697	-5.84	0.0001	0.00016031
CONV	0.91893322 B	3.65	0.0012	0.25150673
	0.92691877 B	3.09	0.0049	0.30042722
	0.04559699 B	0.83	0.4149	0.05500025
	0.00000000 B	.	.	.

NOTE: THE X'X MATRIX HAS BEEN DEEDED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER E ARE BLUE FOR THE PARAMETER.

TABLE G.37

URAND=4

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: REL3							
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	B-SQUARE	C.V.
MODEL	6	0.38449839	0.06408306	12.61	0.0001	0.751628	3.3143
ERROR	25	0.12705596	0.00508224		ROOT MSR		REL3 MEAN
CORRECTED TOTAL	31	0.51155435			0.07128982		2.15097313

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP3	1	0.00006463	0.01	0.9111
HUM3	1	0.0001417	0.00	0.9583
WET3	1	0.09563838	18.82	0.0002
CONV	3	0.05965559	3.91	0.0203

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	2.47040272	3.01	0.0014	0.08463525
TEMP3	-0.00209509	-0.11	0.9111	0.01857842
HUM3	-0.00045930	-0.05	0.9583	0.00869808
WET3	0.00084414	-4.34	0.0002	0.00019459
CONV	0.01026561	0.07	0.9459	0.23727639
	0.01170968	0.04	0.9668	0.27853520
	-0.11140418	-2.23	0.0349	0.04994199
	0.00000000			

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER E ARE BIASED AND DO NOT ESTIMATE THE PARAMETER. BUT ARE BLUE FOR SOME LINEAR COMBINATIONS OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER E ARE BLUE FOR THE PARAMETER.

TABLE G.38

BRAND=4

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: WGT1	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
SOURCE							
MODEL	6	613.13962910	102.18993818	133.25	0.0001	0.969679	3.4254
ERROR	25	19.17255840	0.76670234		ROOT MSE		WGHT1 MEAN
CORRECTED TOTAL	31	632.31218750			0.87572960		25.56562500

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP1	1	14.26912089	18.61	0.0002
HUM1	1	5.08691231	7.41	0.0117
WET1	1	15.24633941	19.83	0.0001
CONV	3	19.34877529	8.41	0.0005

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	-26.19374211	-2.93	0.0072	6.95095980
TEMP1	1.01650389	4.31	0.0002	0.23565823
HUM1	-0.29381398	-2.72	0.0117	0.10795159
WET1	0.00895342	4.46	0.0001	0.00200806
CONV	-8.03455552	-2.83	0.0091	2.84041864
	-11.10091416	-3.24	0.0034	3.42689705
	0.02489218	0.04	0.9658	0.57410598
	0.00000000			

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER E ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE UNBIASED ESTIMATOR AND THE T VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER E ARE BLUE FOR THE PARAMETER.

TABLE G.39

BRAND=4

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: WGH12		DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
SOURCE								
MODEL		6	592.38371011	98.73061815	139.76	0.0001	0.971050	3.3127
ERROR		25	17.66097739	0.70643510		ROCT MSE		WGHT2 MEAN
CORRECTED TOTAL		31	610.04468750			0.84049931		25.37187500

SOURCE	DF	TYPE III SS	P VALUE	PR > F
TEMP2	1	12.46892794	17.65	0.0003
HUM2	1	4.07646913	5.77	0.0240
WBT2	1	13.76135384	15.48	0.0002
CONV	3	19.21798759	9.07	0.0003

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	-19.33406326 B	-2.56	0.0170	7.56372247
TEMP2	0.85105960	4.20	0.0003	0.20257357
HUM2	-0.22641365	-2.40	0.0240	0.09425359
WBT2	0.00679748	4.41	0.0002	0.00154012
CONV	-6.12911965 B	-2.54	0.0178	2.41625487
	-8.85049103 B	-3.07	0.0052	2.88623976
	0.26585702 B	0.50	0.6193	0.52839394
	0.00000000 B			

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT NECESSARILY ESTIMATE THE PARAMETERS BUT ARE BLUP FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE G.40

REAND=4

GENERAL LINEAR MODEL'S PROCEDURE

DEPENDENT VARIABLE: WGT3

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	6	559.39530848	93.23255141	128.49	0.0001	0.968591	3.4022
ERROR	25	18.13969152	0.72558766		ROOT MSE		WGT3 MEAN
CORRECTED TOTAL	31	577.53500000			0.85181433		25.03750000

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP3	1	9.18074001	12.65	0.0015
HUN3	1	2.84871960	3.33	0.0580
WET3	1	10.50385730	14.48	0.0008
CONV	3	17.27294156	7.94	0.0007

942

PARAMETER	ESTIMATE	T FOR HO: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	-16.5989065 B	-2.03	0.0532	8.18044039
TEMP3	0.78962345	3.56	0.0015	0.22198628
HUN3	-0.20594469	-1.98	0.0586	0.10393712
WET3	0.00884651	3.80	0.0008	0.00232511
CONV	-0.00467848 B	-2.12	0.0443	2.83512335
	-8.56950365 B	-2.57	0.0163	3.32810886
	0.13907833 B	0.23	0.8176	0.59673747
	0.00000000 B	.	.	.

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS HO: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE G.41

BRAND=4

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: WREL1

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	4	0.05804163	0.00967360	5.20	0.0014	0.555381	3.4994
ERROR	25	0.04696610	0.00185864		ROOT MSE		WREL1 MEAN
CORRECTED TOTAL	31	0.10450773			0.04311199		1.23199154

SOURCE	DF	TYPE III SS	P VALUE	PR > F
TEMP1	1	0.01308430	7.04	0.0137
HUM1	1	0.01195109	6.43	0.0178
WET1	1	0.00557605	3.00	0.0956
CONV	3	0.01015784	1.82	0.1690

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	0.00254310 B	0.01	0.9954	0.44065398
TEMP1	0.03078136	2.65	0.0137	0.01160141
HUM1	-0.01347606	-2.54	0.0178	0.00531444
WET1	0.00317123	1.73	0.0956	0.0009886
CONV	-0.31441785 B	-2.25	0.0336	0.13983325
	-0.36721617 B	-2.18	0.0392	0.16870546
	-0.03332040 U	-1.18	0.2495	0.02626312
	0.00000000 U			

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMATE FUNCTION J. FOR THE BIASED ESTIMATORS, THE STD ERROR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS (NO. F(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE G.42

DKAND=4

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: WREL2		DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
SOURCE								
MODEL	0	0.04734326	0.00789054	4.70	0.0025	0.529888	3.3169	
ERROR	25	0.04200251	0.00168010		ROOT MSE		WREL2 MEAN	
CORRELATED TOTAL	31	0.08934577			0.04098903		1.23577070	

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEMP2	1	0.00717160	4.27	0.0493
HUN2	1	0.00603947	3.59	0.0696
WET2	1	0.00239139	1.42	0.2439
CONV	1	0.00471093	0.93	0.4386

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	0.39972986	1.08	0.2888	0.36886365
TEMP2	0.02041049	2.07	0.0493	0.00987900
HUN2	-0.00871485	-1.90	0.0696	0.00459651
WET2	0.9649554E-05	1.19	0.2439	0.00007511
CONV	-0.18229235	-1.55	0.1344	0.11783465
	-0.22036569	-1.57	0.1300	0.14075463
	-0.01505763	-0.58	0.5642	0.02576844
	0.00000000			

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS (NO: BIASED ESTIMATOR) = 0. ESTIMATORS NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE G.43

BRAND=4

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: WRELJ

SOURCE	DP	SUM OF SQUARES	MEAN SQUARE	P VALUE	PR > F	R-SQUARE	C.V.
MODEL	0	0.02826387	0.00471065	2.53	0.0473	0.377684	3.4860
ERROR	25	0.04657076	0.00186283		ROOT MSE		WRELJ MEAN
CORRECTED TOTAL	J1	0.07483463			0.04316052		1.23811518

SOURCE	DP	TYPE III SS	P VALUE	FR > F
TEMPJ	1	0.00267034	1.43	0.2424
HUMJ	1	0.00212009	1.14	0.2962
WETJ	1	0.00114827	0.62	0.4398
CONV	3	0.00160924	0.29	0.8336

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	0.68010792 B	1.64	0.1134	0.41449414
TEMPJ	0.01346681	1.20	0.2424	0.01124781
HUMJ	-0.00561827	-1.07	0.2962	0.00526638
WETJ	9.2495119E-05	0.79	0.4398	0.00011781
CONV	-0.13079314 B	-0.91	0.3713	0.14365266
	-0.14772467 B	-0.88	0.3894	0.16863171
	-0.01959661 B	-0.65	0.5228	0.03023605
	0.00000000 B			

NOTE: THE X'Y MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS HO: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER E ARE BLUE FOR THE PARAMETER.

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APPENDIX H

Weight Loss Rate ANOVA and Regression Analysis

TABLE H.1

SAS
BRAND=1

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: LOSS

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	29	0.00382243	0.00013181	16.33	0.0001	0.677007	12.1963
ERROR	226	0.00182364	0.00000807		ROOT MSE		LOSS MEAN
CORRECTED TOTAL	255	0.00564607			0.00284064		0.02329102

SOURCE	DF	TYPE III SS	F VALUE	PR > F
IEST	3	0.00004656	1.92	0.1248
DVR(EST)	15	0.00044596	3.68	0.0001
POS	3	0.00138757	57.32	0.0001
CPCS	3	0.00111691	46.14	0.0001
TEMP	1	0.00001679	2.08	0.1505
NET	1	0.00008730	10.82	0.0012
HURID	1	0.00019464	24.12	0.0001
TEMP*NET	1	0.00007525	9.33	0.0025
NILE	1	0.00052391	64.93	0.0001

TABLE H.1 (CONT'D)

PARAMETER	T FOR HQ: PARAMETER	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	5.59	0.0001	0.00603263
TEST	-0.05	0.9598	0.00150289
	0.79	0.4318	0.00202446
	0.33	0.7435	0.00133765
DVR(TEST)	-0.45	0.6551	0.00101936
	-0.69	0.4894	0.00103117
	0.79	0.4269	0.00107409
	-0.92	0.3573	0.00181412
	-3.46	0.0006	0.00165487
	-0.10	0.9177	0.00168327
	-1.85	0.0659	0.00165816
	-1.77	0.0774	0.00127807
	-1.88	0.0611	0.00128416
	2.61	0.0097	0.00195415
	0.08	0.9367	0.00130063
	-0.76	0.4470	0.00198557
	-1.53	0.1128	0.00105944
	-1.26	0.2054	0.00101100
	-1.07	0.2359	0.00102503
POS	-12.76	0.0001	0.00050216
	-8.40	0.0001	0.00050216
	-8.63	0.0001	0.00050216
CPOS	-9.64	0.0001	0.00056337
	0.17	0.8622	0.00060710
	-4.22	0.0001	0.00054298
TRAP	1.44	0.1505	0.00008073
WRT	3.29	0.0012	0.00019973
HUMID	-4.91	0.0001	0.00002268
TEMP*NET	-3.05	0.0025	0.00000242
MILE	-8.06	0.0001	0.00008953

NOTE: THE V'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER E ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE UNBIASED ESTIMATOR AND THE T VALUE TESTS HQ: P (BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER E ARE BLUE FOR THE PARAMETER.

FIGURE H.1

BRAND=1

PLCI OF RESID*PRED LEGEND: A = 1 OBS, E = 2 OBS, ETC.

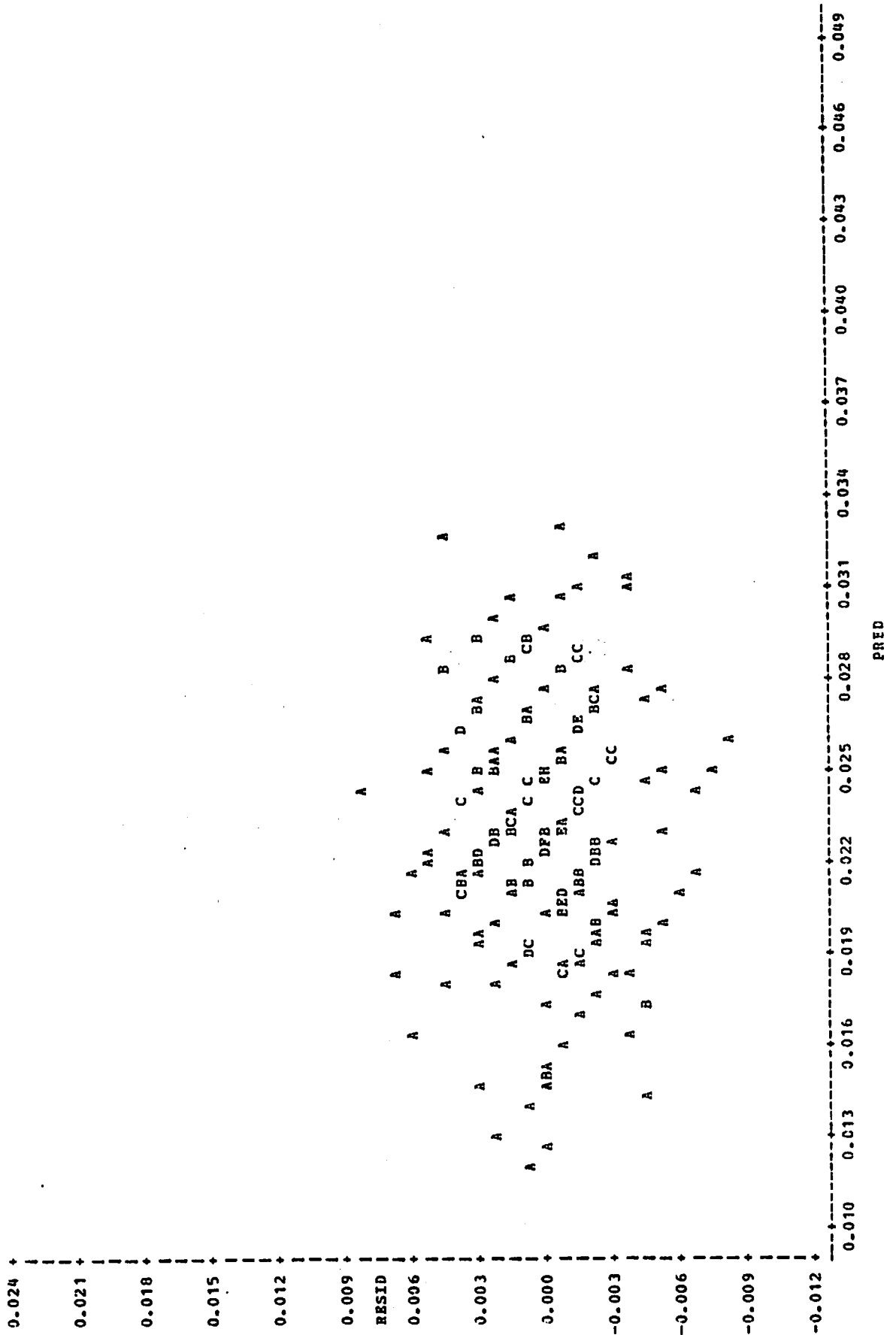


TABLE H.2

SAS
BRAND=2

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: LOSS

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	29	0.00347916	0.00011997	9.05	0.0001	0.537355	15.3038
ERROR	226	0.00299545	0.00001325		ROOT MSE		LOSS MEAN
CORRECTED TOTAL	255	0.00647461			0.00364063		0.02378906

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEST	3	0.00004093	1.03	0.3813
DVR(TEST)	15	0.00042552	2.14	0.0092
POS	3	0.00194941	49.03	0.0001
CPOS	3	0.00028541	7.18	0.0002
TEMP	1	0.00001810	1.37	0.2438
WET	1	0.00003625	2.74	0.0995
HUMID	1	0.00012522	9.45	0.0024
TEMP*WET	1	0.00003288	2.48	0.1166
WET	1	0.00031460	23.74	0.0001

TABLE H.2 (CONT'D)

PARAMETER	ESTIMATE	T FOR HO: PARAMETER=0	PR > t	STD ERROR OF ESTIMATE
INTERCEPT				
6	0.04489135 B	6.24	0.0001	0.00719872
7	0.00304941 B	1.79	0.0754	0.00170735
8	0.00305678 B	1.24	0.2162	0.00246495
9	0.00313123 B	1.84	0.0675	0.00170428
EVR (TEST)				
1	0.0000000 B	-0.35	0.7243	0.00142889
3	-0.00050461 B	-1.54	0.1253	0.00130563
6	0.00162801 B	1.25	0.2108	0.00129734
22	0.0000000 B	0.40	0.6915	0.00225467
8	0.00089584 B	0.23	0.8156	0.00216432
19	0.00050537 B	-0.38	0.7014	0.00211508
23	-0.00031215 B	0.16	0.8705	0.00214258
24	0.00034973 B	-0.63	0.5282	0.00170875
29	0.0000000 B	-0.50	0.6165	0.00173544
10	-0.00107778 B	-0.26	0.7948	0.00247903
12	0.00087033 B	-2.37	0.0168	0.00164882
21	-0.00064548 B	-1.84	0.0673	0.00237644
25	-0.00390321 B	3.15	0.0019	0.00131454
27	-0.00436845 B	1.11	0.2702	0.00130004
28	0.0000000 B	2.49	0.0135	0.00131455
9	0.00414057 B	-10.93	0.0001	0.00064358
15	0.00143635 B	-6.74	0.0001	0.00064358
16	0.00327467 B	-1.76	0.0797	0.00064358
30	0.0000000 B	1.70	0.0905	0.00068346
POS				
1	0.00116185 B	-2.16	0.0316	0.00071582
2	-0.00154941 B	1.53	0.1272	0.00076095
3	0.00116386 B	-1.17	0.2439	0.00009687
4	0.0000000 B	1.65	0.0995	0.00025404
TEMP				
1	-0.00011322	-3.07	0.0024	0.00002906
WET	0.00042015	-1.58	0.1166	0.00000309
MOHD	-0.9314918E-05	-4.87	0.0001	0.00011313
TEMP*WET	-4.8721938E-06			
HILS	-0.00055118			

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OB ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD EPR IS THAT OF THE ERASED ESTIMATOR AND THE T VALUE TESTS HO: E (BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

FIGURE H.2

BRAND=2

FIG OF RESID+PRED LEGEND: A = 1 OBS, E = 2 OBS, ETC.

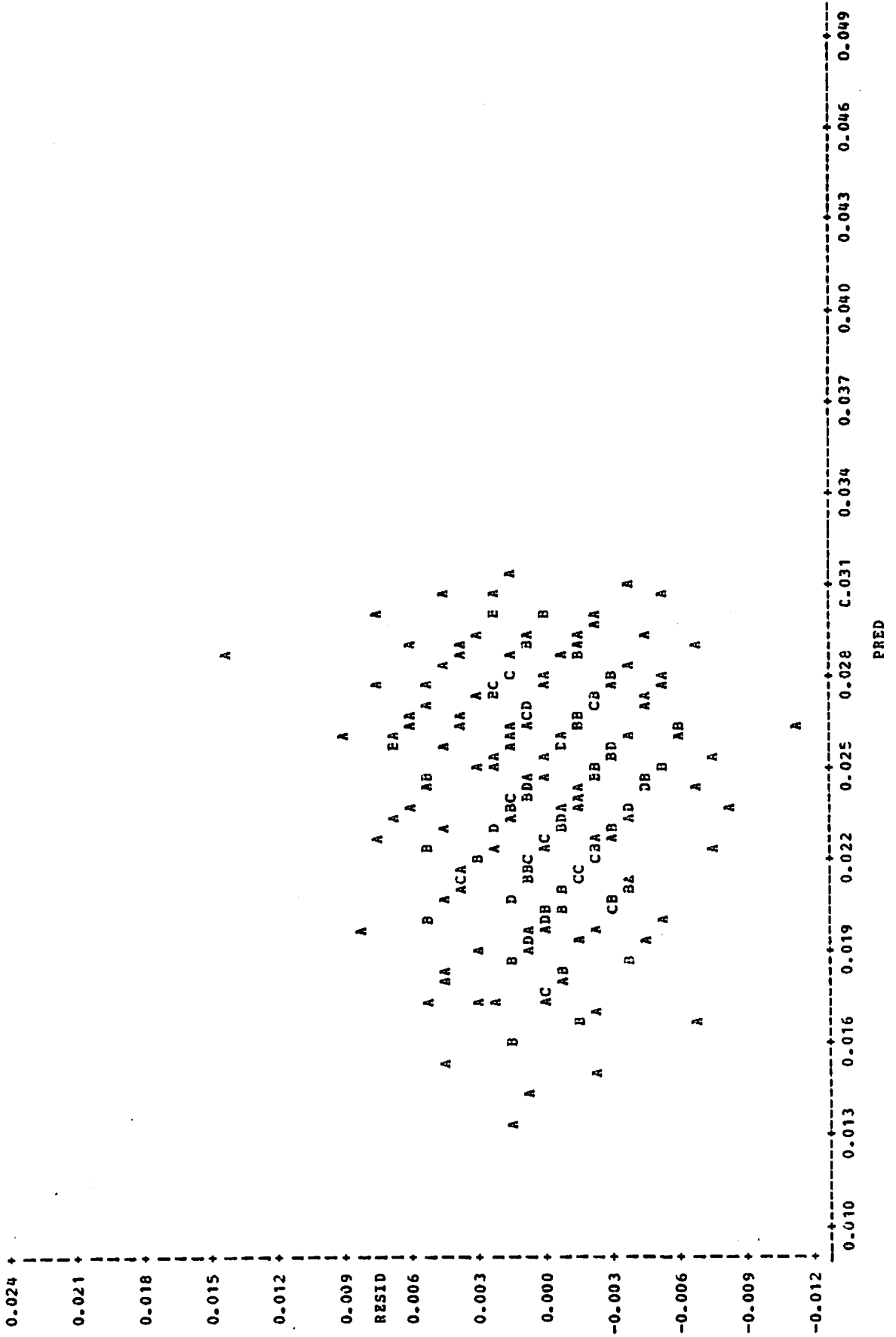


TABLE H.3

SAS
BRAND=3

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: LOSS

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	28	0.00453213	0.00016186	13.22	0.0001	0.619812	14.3800
ERROR	227	0.00277998	0.00001225		ROOT MSE		LOSS MEAN
CORRECTED TOTAL	255	0.00731211			0.00349951		0.02433594

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEST	3	0.00002200	0.60	0.6206
DVR (TEST)	14	0.00045591	2.66	0.0013
POS	3	0.00194277	52.88	0.0001
CPOS	3	0.00107159	29.17	0.0001
TEMP	1	0.0000473	0.39	0.5348
HET	1	0.00024406	19.93	0.0001
HUMID	1	0.00011737	9.58	0.0022
TEMP*HET	1	0.00023369	19.08	0.0001
HILE	1	0.00070829	57.83	0.0001

TABLE H.3 (CONT'D)

PARAMETER	ESTIMATE	T FOR HO: PARAMETER=0	PR > t	STD ERROR OF ESTIMATE
INTERCEPT	0.03595746 B	5.36	0.0001	0.000671211
TEST	0.00075970 E	0.42	0.6756	0.00181331
	0.00285211 B	1.19	0.2355	0.00239792
	0.00314773 B	2.30	0.0224	0.00136947
DVR (TEST)	0.00000000 B	0.21	0.8330	0.00141218
	0.00029813 B	-0.16	0.8708	0.00139389
	0.00223378 B	1.66	0.0976	0.00134265
	0.00000000 E	-0.21	0.8373	0.00245128
	0.00050384 B	0.31	0.7553	0.00233654
	0.00072923 B	-0.53	0.5952	0.00216919
	-0.00115401 B	-1.79	0.0741	0.00232062
	-0.00416333 B	-1.59	0.1126	0.00138577
	0.00000000 E	-3.20	0.0016	0.00136422
	-0.00220735 B	-3.13	0.0020	0.00134935
	-0.00437021 B	-1.85	0.0656	0.00231195
	-0.00421731 E	-0.39	0.6957	0.00126115
	-0.00427693 E	0.65	0.5167	0.00124617
	0.00000000 E	0.87	0.3873	0.00130388
	-0.00049385 B	-11.18	0.0001	0.00061863
	0.00080942 B	-5.05	0.0001	0.00061863
	0.00112937 E	-0.69	0.4880	0.00061863
	0.00000000 B	-4.52	0.0001	0.00069276
	-0.00313239 B	-1.05	0.2968	0.00069000
	-0.00072178 E	-8.19	0.0001	0.00068189
	-0.00558546 B	0.62	0.5348	0.00009315
	0.00000000 B	4.46	0.0001	0.00025528
TEMP	5.7899504E-05	-3.10	0.0022	0.00002680
WET	0.00113961	-4.37	0.0001	0.00000309
HUMID	-0.2973595E-05	-7.60	0.0001	0.00011051
TEMP*WET	-1.3498637E-05			
MILE	-0.00084044			
POS				
CPOS				

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER E ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OE ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS HO: E (BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER E ARE BLUE FOR THE PARAMETER.

FIGURE H.3

BRAND=3

PLOT OF RESID*PRED LEGEND: A = 1 OBS, E = 2 OBS, ETC.

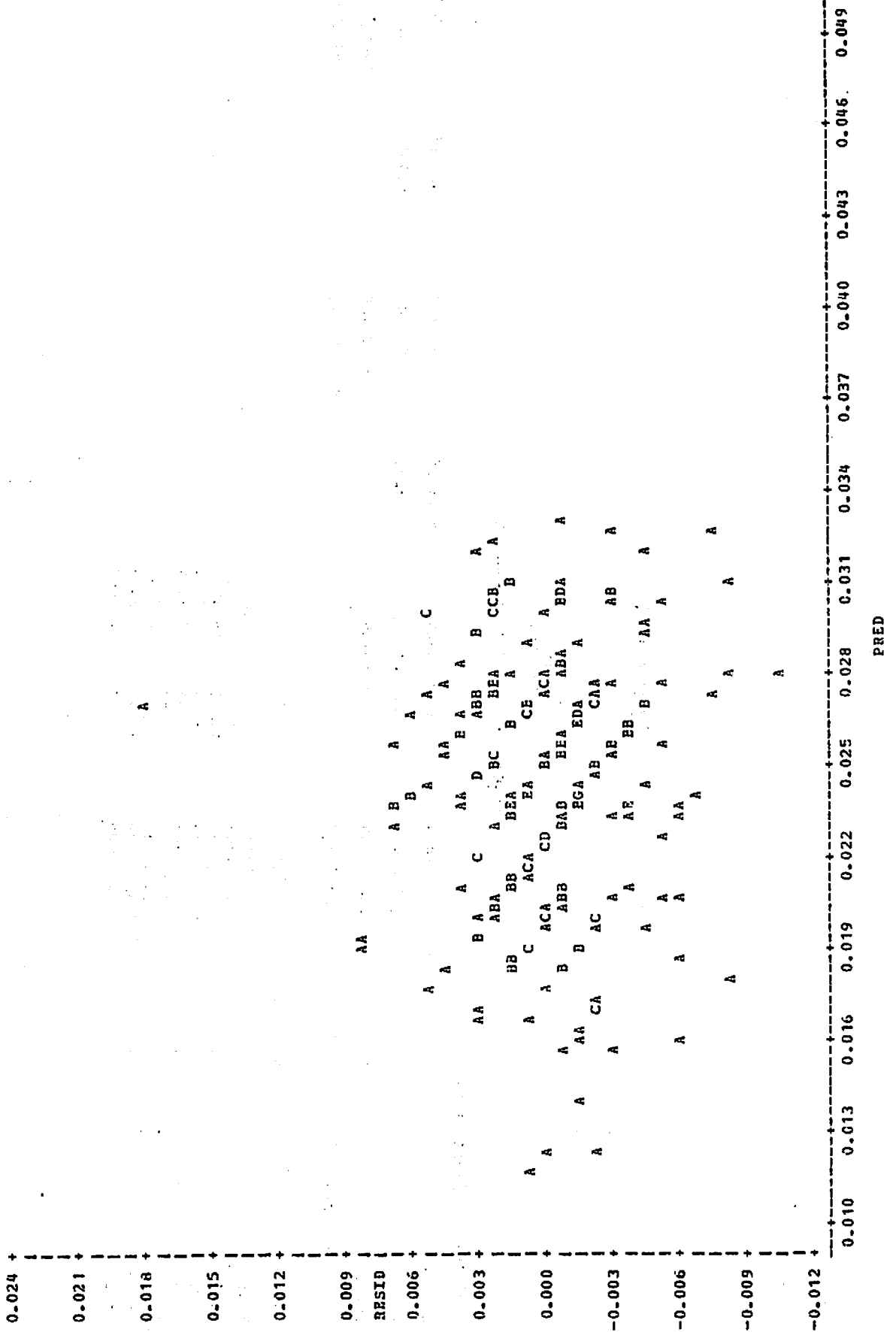


TABLE H.4

SAS
BRAND=4

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: LOSS		DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
SOURCE								
MODEL		27	0.00525555	0.00019465	9.90	0.0001	0.539572	14.9983
ERROR		228	0.00438468	0.00001967		ROOT MSE		LOSS MEAN
CORRECTED TOTAL		255	0.00974023			0.00043505		0.02957031

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEST	3	0.00031747	5.38	0.0015
DVR(TEST)	13	0.00054244	2.12	0.0139
POS	3	0.00090879	15.40	0.0001
CPOS	3	0.00136076	23.06	0.0001
TEMP	1	0.00001763	0.90	0.3448
NET	1	0.00023852	12.13	0.0006
HUMID	1	0.00031330	15.93	0.0001
TEMP*NET	1	0.00021098	10.73	0.0012
MILE	1	0.00082620	42.00	0.0001

TABLE H.4 (CONT'D)

PARAMETER		ESTIMATE	T FOR HO: PARAMETER=0	PR > ITI	STD ERROR OF ESTIMATE
INTERCEPT TEST	6	0.04958244 E	5.81	0.0001	0.00853751
	7	0.00845562 E	4.31	0.0001	0.00195965
	8	0.00430815 B	2.11	0.0358	0.00204014
DVR(TEST)	8	0.00203334 B	1.19	0.2371	0.00171518
	9	0.00000000 B			
	1	-0.00219547 B	-1.37	0.1732	0.00160689
	3	-0.00266666 B	-1.51	0.1320	0.00176392
	4	-0.00042086 B	-0.27	0.7902	0.00158026
	22	0.00000000 E			
POS	8	-0.00034653 B	-0.20	0.8403	0.00171818
	7	0.00290752 B	1.83	0.0684	0.00158808
	23	0.00308560 B	1.85	0.0658	0.00166916
	24	0.00000000 B			
	10	0.00165863 B	0.94	0.3433	0.00176467
	12	0.00077320 B	0.56	0.5790	0.00175153
	25	0.00238663 B	1.40	0.1637	0.00170801
	27	0.00159785 B	0.57	0.5661	0.00278079
	28	0.00000000 B			
	9	0.00255926 B	1.55	0.1232	0.00165431
CPOS	15	-0.00124238 E	-0.79	0.4332	0.00158257
	16	0.00405947 B	2.46	0.0146	0.00164889
	30	0.00000000 B			
	1	-0.00523437 E	-6.68	0.0001	0.00078401
	2	-0.00222856 E	-2.84	0.0049	0.00078401
	3	-0.00175741 B	-2.24	0.0259	0.00078401
TEMP WET HUMID TEMP*WET MILE	4	0.00000000 B			
	1	0.00496274 E	5.73	0.0001	0.00086681
	2	0.00423329 E	4.96	0.0001	0.00085371
	3	0.00686726 B	8.07	0.0001	0.00085143
TEMP WET HUMID TEMP*WET MILE	4	0.00000000 B			
	1	-0.00010806	-0.95	0.3448	0.00011415
	2	0.00107251	3.48	0.0006	0.00030799
	3	-0.00013882	-3.99	0.0001	0.00003478
	4	-1.2263542E-05	-3.28	0.0012	0.00000374
		-0.00086085	-6.48	0.0001	0.00013283

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS HO: E (BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER E ARE BLUE FOR THE PARAMETER.

FIGURE H.4

BRAND=4

PLOT OF RESID*PRED LEGEND: A = 1 OBS, B = 2 OBS, ETC.

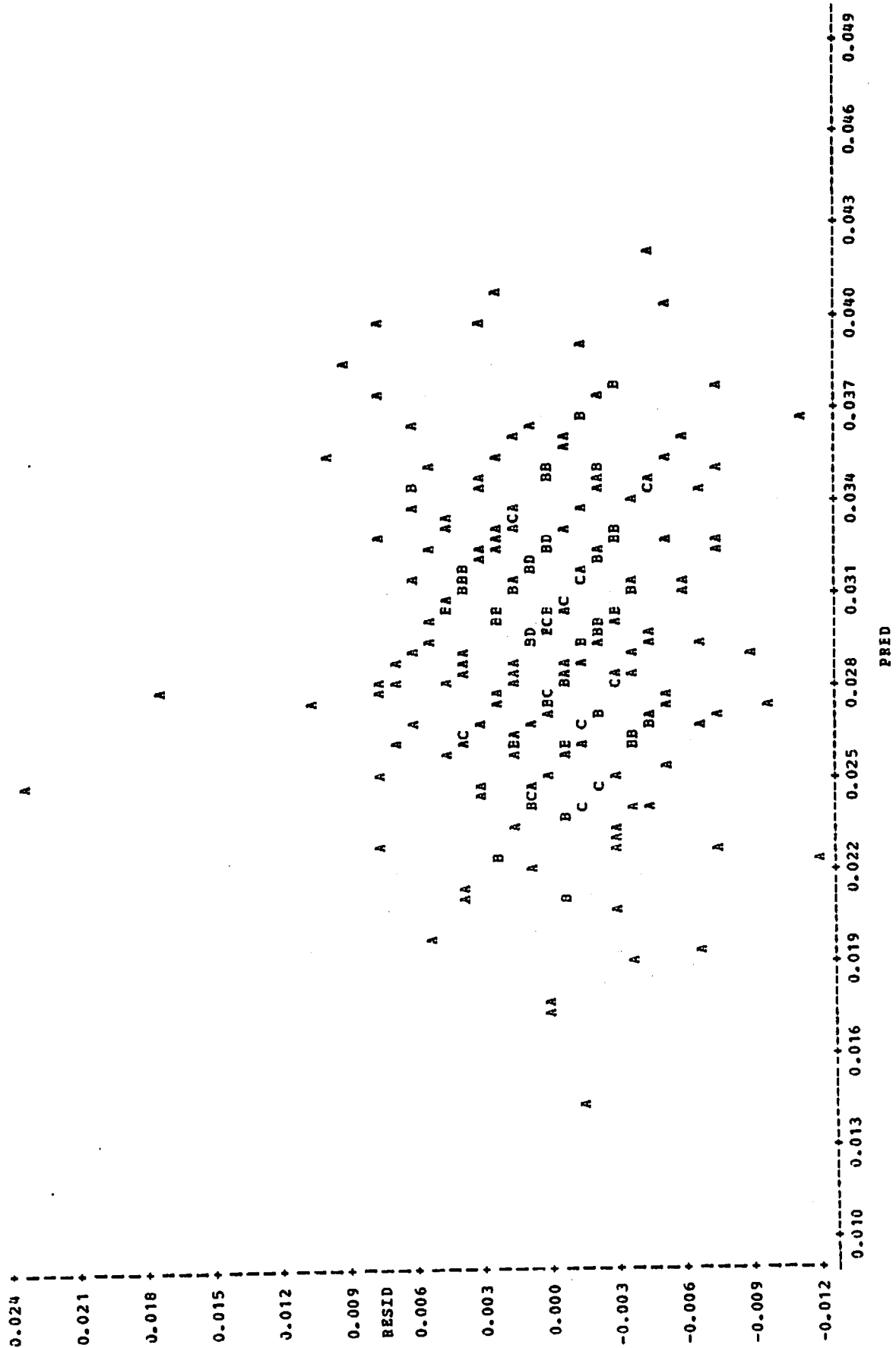


TABLE H.5

R3 WEIGHT LOSS RATES** REGRESSION SUMMARY
BY TIRE BRAND

TIRE BRAND	PHASE	TEST	TEMP	WET MILES	HUMIDITY	MILEAGE	TxW	R ²	COEFFICIENT OF VARIATION
1. UNIROYAL	I	.199	.003	.304	.001	.640	.298	.196	16.624
	III	.227	.816	.325	.172	.000	.388	.167	18.736
	I & III	.000 (.145)	.001	.003	.003	.000	.002	.628	12.889
2. MICHELIN	I	.014	.007	.279	.004	.011	.236	.294	15.030
	III	.280	.062	.403	.044	.000	.405	.123	20.159
	I & III	.000 (.141)	.057	.001	.009	.000	.002	.528	12.596
3. GOODYEAR	I	.055	.021	.000	.224	.003	.000	.370	14.805
	III	.858	.868	.082	.059	.000	.099	.148	20.638
	I & III	.000 (.102)	.017	.013	.241	.000	.042	.582	13.396
4. BRIDGESTONE	I	.678	.474	.153	.170	.264	.145	.174	16.527
	III	.003	.284	.042	.013	.000	.049	.247	18.433
	I & III	.000 (.007)	.533	.000	.208	.000	.000	.673	13.294

**gms/mile

TABLE H.6

SEED=1

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: LOSS					
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F
MODEL	8	0.00024407	0.0003051	3.62	0.0008
ERROR	119	0.00100261	0.00000843		0.0008
CORRECTED TOTAL	127	0.00124668			0.0008

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEST	3	0.00003967	1.57	0.1989
TEMP	1	0.00007578	8.99	0.0033
WET	1	0.00000896	1.06	0.3084
HUMID	1	0.00010069	11.25	0.0002
MILE	1	0.00000185	0.22	0.6401
TEMP*WET	1	0.00000319	1.03	0.2984

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	0.01311434 B	6.29	0.0001	0.00203401
TEST	-0.00039523 B	-0.37	0.7101	0.00106085
	-0.00180309 B	-1.47	0.1450	0.00123317
	0.00033850 B	0.51	0.6104	0.00076351
	0.00000000 B	.		
TEMP	0.00015644	3.00	0.0033	0.00005217
WET	0.00012472	1.03	0.3084	0.00012092
HUMID	-0.00011044	-3.46	0.0008	0.00003195
MILE	-7.9914070E-05	-0.47	0.6401	0.00017050
TEMP*WET	-2.2825673E-06	-1.04	0.2984	0.00000219

NOTE: THE X'X MATRIX HAS BEEN DERIVED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF FITTABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STANDARD ERROR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE H.7

STANDARD=1

GENERAL TEMPAR MODELS PROCEDURE

DEPENDENT VARIABLE: LOSS	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PP > F	R-SQUARE	C.V.
SOURCE							
MODEL	8	0.00094263	0.00011783	6.19	0.0001	0.166952	18.7358
ERROR	247	0.00470344	0.00001904		ROCE MS?		LOSS MEAN
CORRECTED TOTAL	255	0.00564607			0.00436375		0.02329102

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEST	3	0.00009295	1.45	0.2269
TEMP	1	0.00000103	0.05	0.8159
WET	1	0.00001952	0.97	0.3251
HUMID	1	0.00003581	1.88	0.1715
MILE	1	0.00045602	23.95	0.0001
TEMP*WET	1	0.00001422	0.75	0.3893

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	0.03086823 B	4.03	0.0001	0.00766063
TEST	0.00260507 B	1.76	0.0805	0.00143420
	0.00168316 B	1.05	0.2963	0.00163803
	0.00095848 B	1.21	0.2286	0.00079414
TEMP	0.00000000 B	-0.23	0.9159	0.00010179
WET	-2.3720892E-05	0.99	0.3251	0.00023696
HUMID	0.00028296	-1.37	0.1715	0.00002850
MILE	-3.9217825E-05	-4.39	0.0001	0.00012204
TEMP*WET	-0.00059724	-0.86	0.3883	0.00000349
	-3.0125341E-06			

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STANDARD ERROR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: B(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE H.8

BRAND=1

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: LOSS		DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	B-SQUARE	C.V.
SOURCE		12	0.00282676	0.00023556	34.15	0.0001	0.627768	12.8893
MODEL		243	0.00167612	0.00000690		ROOT MSE		LOSS MEAN
ERROR		255	0.00450287			0.00262633		0.02037598
CORRECTED TOTAL								

SOURCE	DF	TYPE III SS	F VALUE	PR > F
PHASE	1	0.00030755	44.59	0.0001
TEST (PHASE)	6	0.00066666	1.61	0.1447
TEMP	1	0.0007175	10.40	0.0014
WET	1	0.0006384	9.26	0.0025
HUMID	1	0.0006382	9.25	0.0026
SMILE	1	0.0023339	33.84	0.0001
TEMP*WET	1	0.0006697	9.71	0.0021

PARAMETER	ESTIMATE	T FOR NO: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	0.02072032 B	9.60	0.0001	0.00215927
PHASE	-0.00497568 B	-4.80	0.0001	0.00103603
	0.00000000 B			
TEST (PHASE)	-0.00042007 B	-0.47	0.6369	0.00088891
	-0.00163168 B	-1.60	0.1099	0.00101695
	0.00021184 B	0.32	0.7504	0.00066529
	0.00000000 B			
	0.00043261 B	0.48	0.6327	0.00090402
	-0.00088396 B	-0.93	0.3508	0.00094355
	0.00066399 B	0.99	0.3224	0.00066664
	0.00000000 B			
TEMP	0.0013225	3.23	0.0014	0.00004100
WET	-6.6636937E-05	-3.04	0.0026	0.00002190
HUMID	-6.7399338E-05	-3.04	0.0026	0.00002216
SMILE	-0.00049110	-5.62	0.0001	0.00008443
TEMP*WET	1.1496611E-06	3.12	0.0021	0.00000037

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS (BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE H.9

BRAND=1

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: LOSS							
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	12	0.00282676	0.00023556	34.15	0.0001	0.627768	12.8893
ERROR	243	0.00167612	0.00000690		ROOT MSE		LOSS MEAN
CORRECTED TOTAL	255	0.00450287			0.00262633		0.02037598

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEST	7	0.00095173	9.36	0.0001
TEMP	1	0.0007175	10.40	0.0014
WET	1	0.0006384	9.26	0.0026
HUMID	1	0.0006382	9.25	0.0026
SMILE	1	0.00023339	33.84	0.0001
TEMP*WET	1	0.00066697	9.71	0.0021

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	0.02072032 B	9.60	0.0001	0.00215927
TEST	-0.00539575 B	-5.23	0.0001	0.00103161
	-0.00660736 B	-5.88	0.0001	0.00112322
	-0.00476384 B	-4.52	0.0001	0.00105424
	-0.00497568 B	-4.80	0.0001	0.00103603
	0.00043261 B	0.48	0.6327	0.00090402
	-0.00088396 B	-0.93	0.3508	0.00094555
	0.00066099 B	0.99	0.3224	0.00066664
TEMP	0.00000000 B			
WET	0.00013225	3.23	0.0014	0.00004100
HUMID	-6.6636937E-05	-3.04	0.0026	0.00002190
SMILE	-6.7399338E-05	-3.04	0.0026	0.00002216
TEMP*WET	-0.00049110	-5.82	0.0001	0.00008443
	1.1496611E-06	3.12	0.0021	0.00000037

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

FIGURE H.5

BRAND=1

PLOT OF RESID*PRED LEGEND: A = 1 OBS, B = 2 OBS, ETC.

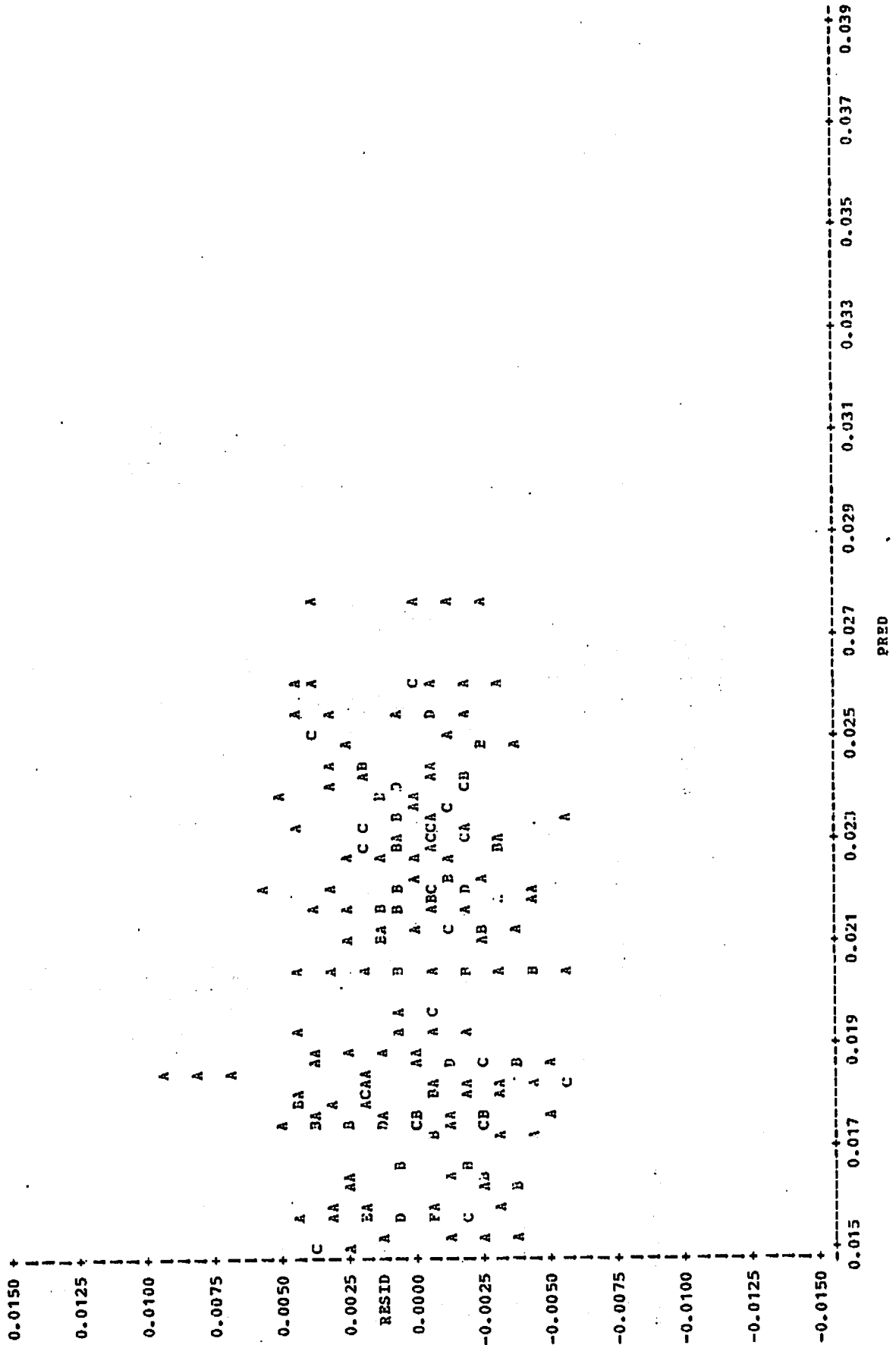


TABLE H.10

LRAND=2

GENERAL LINEAR MODEL PROCEDURE

DEPENDENT VARIABLE: LOSS						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	C.V.
MODEL	8	0.00040509	0.00005064	6.08	0.0001	15.0296
ERROR	117	0.00097492	0.00000833		ROOT MSP	1055.8PAN
CORRECTED TOTAL	125	0.00138001			0.00288663	0.0192635

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEST	3	0.00009185	3.67	0.0142
TEMP	1	0.00006287	7.55	0.0070
WET	1	0.00000986	1.18	0.2790
HUMID	1	0.00007202	8.64	0.0040
MILE	1	0.00005624	6.75	0.0106
TEMP*WET	1	0.00001184	1.42	0.2357

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	0.01851556 B	8.95	0.0001	0.00206907
TEST	-0.00254228 B	-2.46	0.0154	0.00193407
	-0.00391157 B	-3.23	0.0016	0.00120937
	-0.00041478 B	-0.56	0.5785	0.00074453
	0.00000000 B			
TEMP	0.00014191	2.75	0.0070	0.00005166
WET	7.5942931E-05	1.09	0.2790	0.00006983
HUMID	-9.5120870E-05	-2.94	0.0040	0.00003236
MILE	-0.00044355	-2.60	0.0106	0.00017074
TEMP*WET	-1.4777794E-06	-1.19	0.2357	0.00000124

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER E ARE BLUE FOR THE PARAMETER.

TABLE H.11

JRANJ=2

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: LOSS

SOURCE	DF	SS	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	3	0.00079393	0.00026464	4.32	0.0001	0.122622	20.1592
ERROR	247	0.00508068	0.00002056		0.002 MSE		LOSS MEAN
CORRECTED TOTAL	255	0.00647461			0.00479570		0.07378906

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEST	1	0.00008054	1.28	0.2800
TEMP	1	0.00008074	3.51	0.0621
WEI	1	0.00001613	0.70	0.4031
HUMID	1	0.00009863	4.11	0.0436
MILE	1	0.00032989	14.34	0.0002
TEMP*WEI	1	0.00001596	0.69	0.4057

PARAMETER	ESTIMATE	T FOR HO: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	0.04917248	5.34	0.0001	0.00841893
TEST	0.00188204	1.15	0.2497	0.00163112
TEMP	0.00233914	1.32	0.1868	0.00176721
WEI	-0.00063646	-0.73	0.4665	0.00087275
HUMID	-0.00000000	0		
MILE	-0.00020960	-1.87	0.0621	0.00111186
TEMP*WEI	0.00026414	0.84	0.4031	0.00031536
	-6.3749471E-05	-2.03	0.0436	0.00031413
	-0.00050798	-3.79	0.0002	0.00013412
	-3.1910779E-06	-0.83	0.4057	0.00000383

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS HO: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE H.12

BRAND=2

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: LOSS						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	C.V.
MODEL	12	0.00198363	0.00016532	22.51	0.0001	12.5961
ERROR	241	0.00177011	0.00000734		ROOT MSE	LOSS MEAN
CORRECTED TOTAL	253	0.00375394			0.00271014	0.02151575

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEST	7	0.00040855	7.95	0.0001
TEMP	1	0.00002694	3.67	0.0567
WET	1	0.00007696	10.48	0.0014
HUMID	1	0.00005162	7.03	0.0086
MILE	1	0.00029785	40.55	0.0001
TEMP*WET	1	0.00007428	10.11	0.0017

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	0.02682139 B	12.00	0.0001	0.00223486
TEST	-0.00694699 B	-6.48	0.0001	0.00107155
2	-0.00798864 B	-6.87	0.0001	0.00116274
3	-0.00550819 B	-4.93	0.0001	0.00111838
4	-0.00510228 B	-4.71	0.0001	0.00108417
6	-0.00197438 B	-2.15	0.0329	0.00092036
7	-0.00224611 B	-2.34	0.0202	0.00096059
8	-0.00103964 B	-1.51	0.1319	0.00068766
9	0.00000000 B			
TEMP	8.0141826E-05	1.92	0.0567	0.00004185
WET	-7.3343428E-05	-3.24	0.0014	0.00002266
HUMID	-6.0424566E-05	-2.65	0.0086	0.00002279
MILE	-0.00055817	-6.37	0.0001	0.00008765
TEMP*WET	1.1949761E-06	3.18	0.0017	0.00000038

NOTE: THE X'Y MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER E ARE BLUE FOR THE PARAMETER.

TABLE H.13

BRAND=2

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: LOSS							
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	12	0.00196383	0.00016532	22.51	0.0001	0.528465	12.5961
ERROR	241	0.00177011	0.00000734		ROOT MSE		LOSS MEAN
CORRECTED TOTAL	253	0.00375394			0.00271014		0.02151575

SOURCE	DF	TYPE III SS	F VALUE	PR > F
PHASE	1	0.00025199	34.31	0.0001
TEST(PHASE)	6	0.0007158	1.62	0.1410
TEMP	1	0.0002694	3.67	0.0567
WET	1	0.00007696	10.48	0.0014
MMUID	1	0.0005162	7.03	0.0086
MMILE	1	0.00029785	40.55	0.0001
TEMP*WET	1	0.00007428	10.11	0.0017

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	0.02682139 B	12.00	0.0001	0.00223486
PHASE	-0.00510228 B	-4.71	0.0001	0.00108417
	0.00000000 B			
TEST(PHASE)	-0.00184471 B	-2.02	0.0446	0.00091397
	-0.00288636 B	-2.77	0.0061	0.001047
	-0.00040591 B	-0.58	0.5603	0.00069592
	0.00000000 B			
	-0.00197438 B	-2.15	0.0329	0.00092036
	-0.00224611 B	-2.34	0.0207	0.00096059
	-0.00103964 B	-1.51	0.1319	0.00068766
	0.00000000 B			
TEMP	8.0141826E-05	1.92	0.0567	0.00004195
WET	-7.3343428E-05	-3.24	0.0014	0.00002266
MMUID	-6.0424566E-05	-2.65	0.0086	0.00002279
MMILE	-0.00055817	-6.37	0.0001	0.00008765
TEMP*WET	1.1949761E-06	3.18	0.0017	0.00000038

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: 2(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

FIGURE H.6

SEAND=2

PLOT OF RESID*PRED LEGEND: A = 1.055, B = 2.035, ETC.

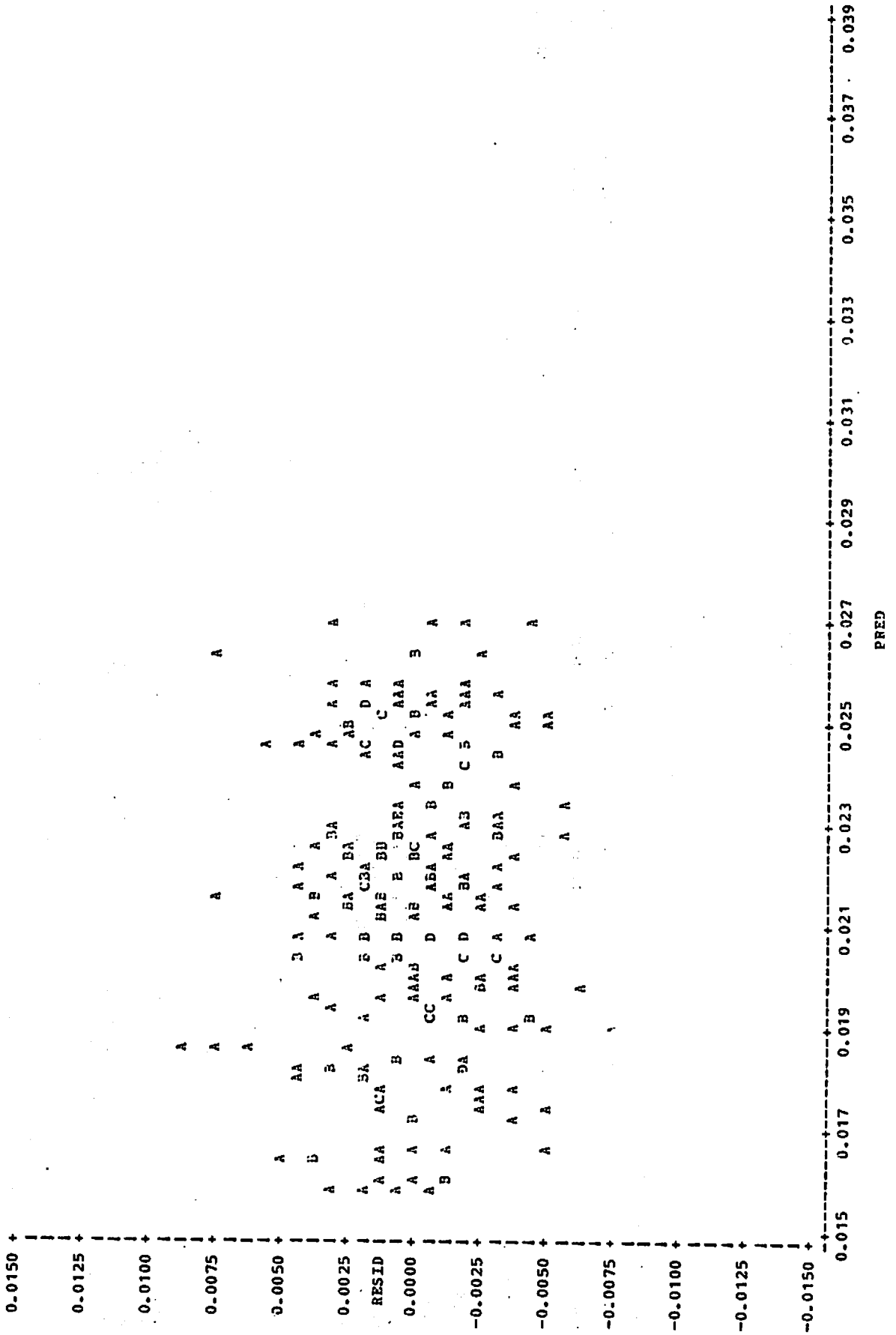


TABLE H.14

BRAND=3

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: LOSS

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	8	0.00054103	0.00006763	8.75	0.0001	0.370358	14.8045
ERROR	119	0.00091980	0.00000773			ROOT MSE	LOSS MEAN
CORRECTED TOTAL	127	0.00146083			0.00278018		0.31877930

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEST	3	0.00005999	2.59	0.0554
TEMP	1	0.00004232	5.48	0.0209
WET	1	0.00013978	18.08	0.0001
HUMID	1	0.00001153	1.47	0.2244
WIND	1	0.00007016	9.08	0.0032
TEMP*WET	1	0.00014922	19.30	0.0001

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	0.01669287 B	8.51	0.0001	0.00196084
TEST	-0.00066520 B	-0.66	0.5097	0.00100589
	-0.00213901 B	-1.86	0.0659	0.00115255
	0.00067715 B	0.93	0.3542	0.00072811
	0.00000000 B			
TEMP	0.00011420	2.34	0.0209	0.00004880
WET	0.00049195	4.25	0.0001	0.00011569
HUMID	-3.7050529E-05	-1.22	0.2244	0.00003034
WIND	-0.00049224	-3.01	0.0032	0.00016339
TEMP*WET	-9.1862446E-06	-4.39	0.0001	0.00000209

NOTE: THE KX MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: B(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE H.15

IRANC=3

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: LOSS							
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PP > F	R-SQUARE	C.V.
MODEL	8	0.00106184	0.00013273	5.36	0.0001	0.147952	20.6375
ERROR	247	0.00623027	0.00002522		ROOT MS*		LOSS MPAN
CORRECTED TOTAL	255	0.00731211			0.00502233		0.02433594

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEST	3	0.00001930	0.26	0.8580
TEMP	1	0.00000069	0.03	0.8684
WET	1	0.00007697	3.05	0.0819
HUMID	1	0.00009097	3.61	0.0587
MILE	1	0.00060071	23.82	0.0001
TEMP*WET	1	0.00000899	2.74	0.0994

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	0.03161743 B	3.59	0.0004	0.00881676
TEST	0.00129466 B	0.76	0.4492	0.00179820
	0.00127216 B	0.69	0.4925	0.00185072
	-4.1899715E-05 B	-0.05	0.9635	0.00091349
	0.00000000 B			
TEMP	1.9428510E-05	0.17	0.8684	0.00011715
WET	0.00057692	1.75	0.0819	0.00033027
HUMID	-6.2503301E-05	-1.90	0.0587	0.00003291
MILE	-0.00068547	-4.88	0.0001	0.00014046
TEMP*WET	-0.0350569E-06	-1.65	0.0994	0.00000401

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE H.16

BRAND=3

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: LOSS		DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
SOURCE		12	0.00261961	0.00023497	28.18	0.0001	0.581833	13.3957
MODEL		243	0.00202648	0.00000834		ROOT MSE		LOSS MEAN
ERROR		255	0.00484609			0.00288780		0.02155762
CORRECTED TOTAL								

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEST	7	0.00030962	5.30	0.0001
TEMP	1	0.00004828	5.79	0.0169
WET	1	0.00005190	6.22	0.0133
HUMID	1	0.00001151	1.38	0.2412
RMILE	1	0.00052961	63.51	0.0001
TEMP*WET	1	0.00003493	4.19	0.0418

PARAMETER	ESTIMATE	T FOR HO: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	0.02246741 B	9.59	0.0001	0.00234401
TEST	-0.00427955 B	-3.78	0.0002	0.00113338
	-0.00560629 B	-4.57	0.0001	0.00122556
	-0.00308769 B	-2.67	0.0082	0.00115809
	-0.00290663 B	-2.56	0.0112	0.00113742
	0.00037685 B	0.38	0.7030	0.00098714
	-0.00014732 B	-0.14	0.8866	0.00103203
	-4.1737162E-05 B	-0.06	0.9546	0.00073271
	0.00000000 B			
TEMP	0.00010653	2.41	0.0169	0.00004427
WET	-5.9989283E-05	-2.49	0.0133	0.00002405
HUMID	-2.8399902E-05	-1.17	0.2412	0.00002417
RMILE	-0.00073954	-7.97	0.0001	0.00009280
TEMP*WET	8.2882793E-07	2.05	0.0418	0.00000040

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS HO: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE H.17

BRAND=3

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: LOSS		DF	SUM OF SQUARES	MEAN SQUARE	P VALUE	PR > F	K-SQUARE	C.V.
SOURCE								
MODEL		12	0.00281961	0.00023497	28.18	0.0001	0.581933	13.3957
ERROR		243	0.00202648	0.00000834				LOSS MEAN
CORRECTED TOTAL		255	0.00484609			ROOT MSE		0.02155762

SOURCE	DF	TYPE III SS	F VALUE	PR > F
PHASE	1	0.00016509	19.80	0.0001
TEST(PHASE)	6	0.00008951	1.79	0.1019
TEMP	1	0.00008828	5.79	0.0169
WET	1	0.00005190	6.22	0.0133
HUMID	1	0.00001151	1.38	0.2412
RHILE	1	0.00052961	63.51	0.0001
TEMP*WET	1	0.00003493	4.19	0.0418

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	0.02246741 d	9.59	0.0001	0.00234401
PHASE	-0.00290663 B	-2.56	0.0112	0.00113742
TEST(PHASE)	0.00000000 B			
1	-0.00137292 B	-1.41	0.1584	0.00097044
2	-0.00269966 B	-2.46	0.0146	0.00109728
3	-0.00018105 B	-0.25	0.8047	0.00073142
4	0.00000000 B			
6	0.00037685 B	0.38	0.7030	0.00098714
7	-0.0014732 B	-0.14	0.8866	0.00103203
8	-0.1737162E-05 B	-0.01	0.9546	0.00073271
9	0.00000000 B			
TEMP	0.00010653	2.41	0.0169	0.00004427
WET	-5.9989283E-05	-2.49	0.0133	0.00002405
HUMID	-2.8399902E-05	-1.17	0.2412	0.00002417
RHILE	-0.00073954	-7.97	0.0001	0.00009280
TEMP*WET	8.2882793E-07	2.05	0.0418	0.00000040

NOTE: THE X'X MATRIX HAS BEEN DEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

FIGURE H.7

BRAND=3

PLOT OF RESID*PRED LEGEND: A = 1 OBS, B = 2 OBS, ETC.

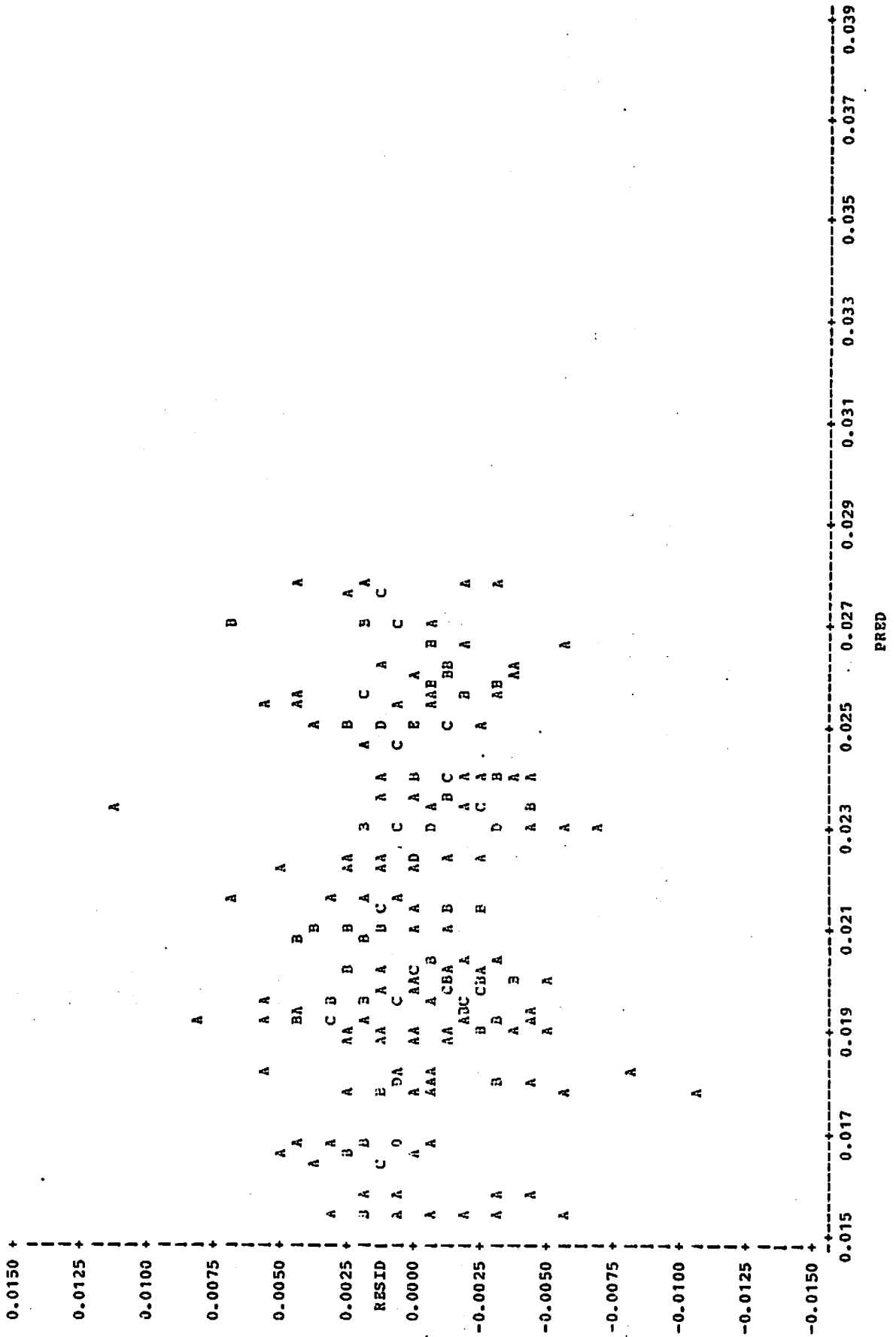


TABLE H.18

ERAND=4

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: LOSS

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	8	0.00011133	0.00003892	3.14	0.0010	0.174075	16.5266
ERROR	119	0.00147714	0.00001241		ROOT MSE		LOSS MEAN
CORRECTED TOTAL	127	0.00178846			0.00352320		0.02131836

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEST	3	0.00001913	0.51	0.6777
TEMP	1	0.00000640	0.52	0.4740
WET	1	0.00002564	2.07	0.1533
HUMID	1	0.00002370	1.91	0.1696
MILE	1	0.00001562	1.26	0.2642
TEMP*WET	1	0.00002674	2.15	0.1443

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	0.02125328	8.40	0.0001	0.00252970
TEST	0.00149413	1.16	0.2487	0.00128890
	0.00097724	0.65	0.5150	0.00149603
	0.00034616	0.38	0.7083	0.00092300
	0.00000000	0.72	0.4740	0.00006331
TEMP	4.54727205	0.72	0.4740	0.00006331
WET	0.00001377	0.00	0.1533	0.00003877
HUMID	-5.35816178	-1.38	0.1696	0.00020707
MILE	-0.00023229	-1.12	0.2642	0.00009295
TEMP*WET	-3.89010152	-1.47	0.1443	0.00009295

NOTE: THE X'X MATRIX HAS BEEN OBTAINED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS HO: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE H.19

PHASE=3 BRAND=4

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: LOSS

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	8	0.00240223	0.00030028	13.11	0.0001	0.246629	19.4325
ERROR	247	0.00733801	0.00002971		ROOT MSE		LOSS MEAN
CORRECTED TOTAL	255	0.00974023			0.00545055		0.02957931

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEST	3	0.00043966	4.93	0.0026
TEMP	1	0.0003423	1.15	0.2841
WET	1	0.0012421	4.18	0.0419
HUMID	1	0.0018443	6.21	0.0134
MILE	1	0.00068677	23.12	0.0001
TEMP*WET	1	0.00011623	3.91	0.0490

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	0.04974044 B	5.20	0.0001	0.00958854
TEMP	0.00658158 B	3.55	0.0005	0.00193385
WET	0.00502804 B	2.50	0.0129	0.00209952
HUMID	0.00224852 B	2.27	0.0243	0.00997192
MILE	0.00000000 B			
TEMP*WET	-0.00013648	-1.07	0.2841	0.00012714
	0.00073289	2.02	0.0419	0.00015843
	-0.8998394E-05	-2.49	0.0134	0.0003572
	-0.00073293	-4.81	0.0001	0.00013244
	-8.6122718E-06	-1.98	0.0490	0.00009435

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATOR MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMATION FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE F VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE H.20

BRAND=4

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: LOSS

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	P-SQUARE	C.V.
MODEL	12	0.00572362	0.00047697	41.68	0.0001	0.673039	13.2944
ERROR	243	0.00278052	0.00001144			ROOT MSE	LOSS MEAN
CORRECTED TOTAL	255	0.00850414			0.00339267		0.02544434

SOURCE	DF	TYPE III SS	F VALUE	PR > F
TEST	7	0.00095221	11.89	0.0001
TEMP	1	0.00000446	0.39	0.5329
WET	1	0.00016763	14.65	0.0002
HHUMID	1	0.00001825	1.59	0.2079
RHILE	1	0.00033105	28.93	0.0001
TEMP*WET	1	0.00017921	15.66	0.0001

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	0.03115033 B	11.20	0.0001	0.00278111
TEST	-0.00581135 B	-4.37	0.0001	0.00132899
	-0.00618724 B	-4.28	0.0001	0.00144658
	-0.00709132 B	-5.22	0.0001	0.00135779
	-0.00697932 B	-5.23	0.0001	0.00133435
	0.00373527 B	3.21	0.0015	0.00116430
	0.00118159 B	0.97	0.3329	0.00121779
	0.00217752 B	2.54	0.0118	0.00085863
	0.00000000 B			
TEMP	3.2980379E-05	0.62	0.5329	0.00005281
WET	-0.00010797	-3.83	0.0002	0.00002821
HHUMID	-3.6033936E-05	-1.26	0.2079	0.00002853
RHILE	-0.00058485	-5.38	0.0001	0.00010873
TEMP*WET	1.8804328E-06	3.96	0.0001	0.00000048

NOTE: THE X'X MATRIX HAS BEEN DEERED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE H. 21

BRAND=4

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: LOSS

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	12	0.00572362	0.00047697	41.68	0.0001	0.673039	13.2944
ERROR	243	0.00278052	0.00001144		ROOT MSE		LOSS MEAN
CORRECTED TOTAL	255	0.00850414			0.00338267		0.02544434

SOURCE	DF	TYPE III SS	F VALUE	PR > F
PHASE	1	0.0070189	61.34	0.0001
TEST (PHASE)	6	0.0020658	3.01	0.0074
TEMP	1	0.0000446	0.39	0.5329
WET	1	0.0016763	14.65	0.0002
HUMID	1	0.0001825	1.59	0.2079
RMILE	1	0.0033105	28.93	0.0001
TEMP*WET	1	0.0017921	15.66	0.0001

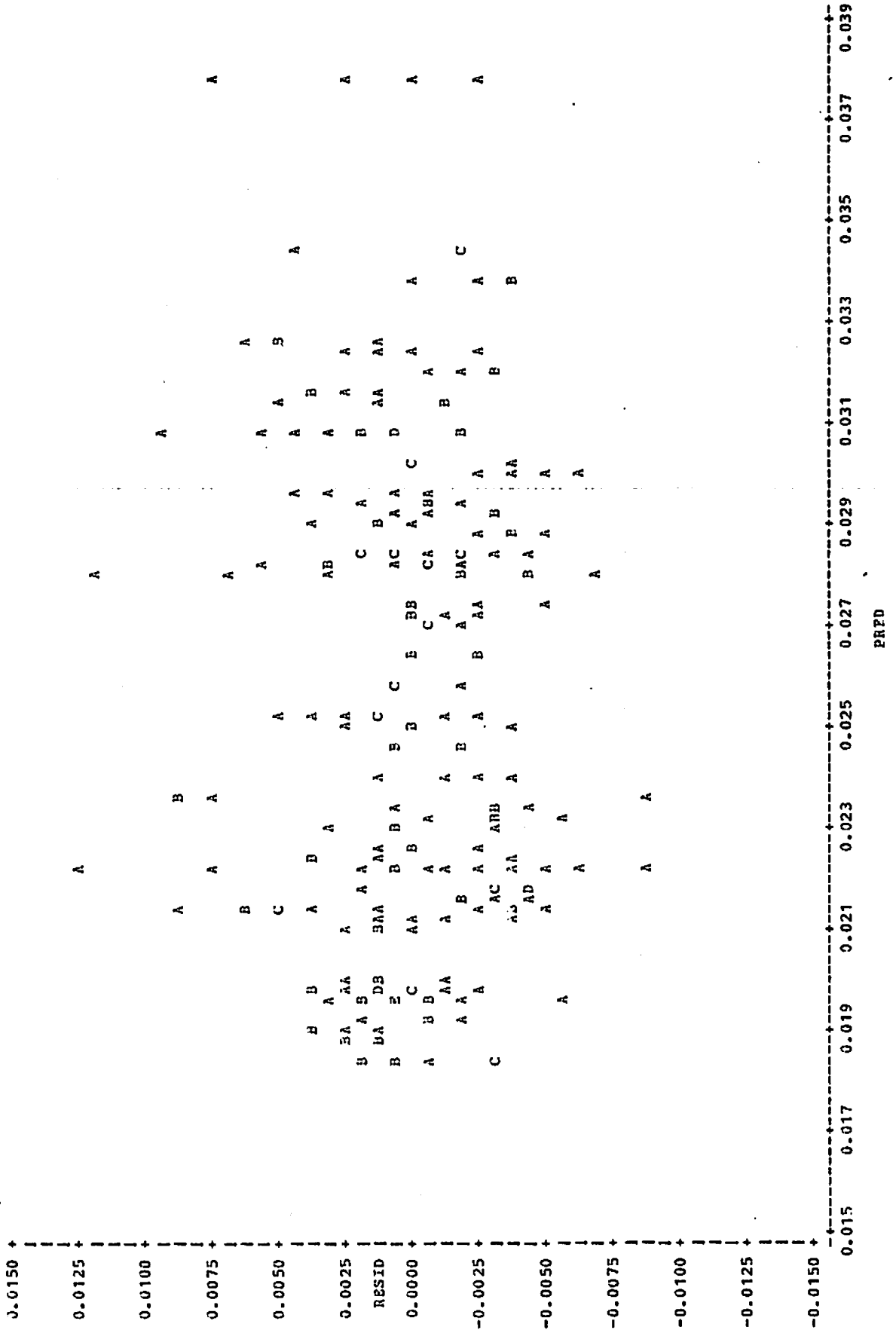
PARAMETER	T FOR H0:	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	11.20	0.0001	0.00278111
PHASE	-5.23	0.0001	0.00133435
TEST (PHASE)			
1	0.0000000 B	0.3087	0.00114504
3	0.00116797 B	0.5459	0.00130980
2	0.00079208 B	0.8961	0.00085688
1	-0.00011200 B		
3	0.00000000 B	0.0015	0.00116430
4	0.00373527 B	0.3329	0.00121779
6	0.00118159 B	0.0118	0.00085863
7	0.00217752 B		
3	0.00000000 B	0.5329	0.0005281
9	3.2980379E-05	0.0002	0.0002821
TEMP	-0.00010797	0.2079	0.0002853
WET	-3.6033336E-05	0.0001	0.00010873
HUMID	-0.00058485	0.0001	0.00000048
RMILE	1.8804328E-06		
TEMP*WET			

NOTE: THE X'X MATRIX HAS BEEN DEEMED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: Z (BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

FIGURE H.8

BRAND=4

PLOT OF RESID*PRED LEGEND: A = 1 OBS, P = 2 OBS, ETC.



APPENDIX I

Phase II Analysis

TABLE I.1 LINEAR FITS* - PHASE I DATA
TREAD DEPTH (MILS)

TIRE # 1111

B0 =	.36286D+03
B1 =	-.2177D-02
Mean Square Error =	.10835D+01
Standard Deviation B0 =	.87778D+00
Standard Deviation B1 =	.16798D-03
Predicted rate at X = 8000 =	-.2177D-02
Upper confidence limit =	-.1780D-02
Lower confidence limit =	-.2574D-02
R2 =	.95999D+00

TIRE # 1112

B0 =	.36421D+03
B1 =	-.2306D-02
Mean Square Error =	.55441D+00
Standard Deviation B0 =	.62789D+00
Standard Deviation B1 =	.12016D-03
Predicted rate at X = 8000 =	-.2306D-02
Upper confidence limit =	-.2022D-02
Lower confidence limit =	-.2590D-02
R2 =	.98135D+00

TIRE # 1113

B0 =	.36393D+03
B1 =	-.2235D-02
Mean Square Error =	.68741D+00
Standard Deviation B0 =	.69916D+00
Standard Deviation B1 =	.13380D-03
Predicted rate at X = 8000 =	-.2235D-02
Upper confidence limit =	-.1919D-02
Lower confidence limit =	-.2552D-02
R2 =	.97554D+00

TIRE # 1114

B0 =	.36444D+03
B1 =	-.2260D-02
Mean Square Error =	.44925D+00
Standard Deviation B0 =	.56522D+00
Standard Deviation B1 =	.10816D-03
Predicted rate at X = 8000 =	-.2260D-02
Upper confidence limit =	-.2005D-02
Lower confidence limit =	-.2516D-02
R2 =	.98422D+00

* Fit = $B_0 + B_1 * X$, X=miles

TIRE # 1121

B0 = .34233D+03
 B1 = -.2379D-02
 Mean Square Error = .40401D+00
 Standard Deviation B0 = .53600D+00
 Standard Deviation B1 = .10257D-03
 Predicted rate at X = 8000 = -.2379D-02
 Upper confidence limit = -.2137D-02
 Lower confidence limit = -.2622D-02
 R2 = .98716D+00

TIRE # 1122

B0 = .34143D+03
 B1 = -.2796D-02
 Mean Square Error = .50403D+00
 Standard Deviation B0 = .59869D+00
 Standard Deviation B1 = .11457D-03
 Predicted rate at X = 8000 = -.2796D-02
 Upper confidence limit = -.2525D-02
 Lower confidence limit = -.3067D-02
 R2 = .98838D+00

TIRE # 1123

B0 = .34316D+03
 B1 = -.2300D-02
 Mean Square Error = .50565D+00
 Standard Deviation B0 = .59764D+00
 Standard Deviation B1 = .11475D-03
 Predicted rate at X = 8000 = -.2300D-02
 Upper confidence limit = -.2029D-02
 Lower confidence limit = -.2571D-02
 R2 = .98287D+00

TIRE # 1124

B0 = .34305D+03
 B1 = -.2971D-02
 Mean Square Error = .76231D+00
 Standard Deviation B0 = .73627D+00
 Standard Deviation B1 = .14090D-03
 Predicted rate at X = 8000 = -.2971D-02
 Upper confidence limit = -.2638D-02
 Lower confidence limit = -.3304D-02
 R2 = .98450D+00

TABLE I.2 QUADRATIC FIT* - PHASE I DATA
TREAD DEPTH (MILS)

TIRE # 1111

B0 =	.36140D+03
B1 =	-.1429D-02
B2 =	-.7796D-07
Mean Square Error =	.97400D+00
Standard Deviation B0 =	.47794D+01
Standard Deviation B1 =	.85842D-03
Standard Deviation B2 =	.87867D-07
Predicted rate at X = 8000	-.2676D-02
Upper confidence limit	-.1294D-02
Lower confidence limit	-.4059D-02
R2 =	.96404D+00

TIRE # 1112

B0 =	.36319D+03
B1 =	-.1782D-02
B2 =	-.5462D-07
Mean Square Error =	.50064D+00
Standard Deviation B0 =	.34266D+01
Standard Deviation B1 =	.61544D-03
Standard Deviation B2 =	.62995D-07
Predicted rate at X = 8000	-.2656D-02
Upper confidence limit	-.1665D-02
Lower confidence limit	-.3647D-02
R2 =	.98316D+00

TIRE # 1113

B0 =	.36127D+03
B1 =	-.8767D-03
B2 =	-.1415D-06
Mean Square Error =	.32636D+00
Standard Deviation B0 =	.27666D+01
Standard Deviation B1 =	.49690D-03
Standard Deviation B2 =	.50862D-07
Predicted rate at X = 8000	-.3141D-02
Upper confidence limit	-.2341D-02
Lower confidence limit	-.3941D-02
R2 =	.98839D+00

TIRE # 1114

B0 =	.36202D+03
B1 =	-.1022D-02
B2 =	-.1290D-06
Mean Square Error =	.14922D+00
Standard Deviation B0 =	.18707D+01
Standard Deviation B1 =	.33600D-03
Standard Deviation B2 =	.34392D-07
Predicted rate at X = 8000	-.3086D-02
Upper confidence limit	-.2545D-02
Lower confidence limit	-.3627D-02
R2 =	.99476D+00

* Fit = $B_0 + B_1 * X + B_2 * X^2$, X=miles

TIRE # 1121

B0 =	.34225D+03
B1 =	-.2337D-02
B2 =	-.4396D-08
Mean Square Error =	.40366D+00
Standard Deviation B0 =	.30769D+01
Standard Deviation B1 =	.55263D-03
Standard Deviation B2 =	.56566D-07
Predicted rate at X = 8000	-.2407D-02
Upper confidence limit	-.1517D-02
Lower confidence limit	-.3297D-02
R2 =	.98717D+00

TIRE # 1122

B0 =	.34028D+03
B1 =	-.2208D-02
B2 =	-.6122D-07
Mean Square Error =	.43650D+00
Standard Deviation B0 =	.31996D+01
Standard Deviation B1 =	.57466D-03
Standard Deviation B2 =	.58822D-07
Predicted rate at X = 8000	-.3188D-02
Upper confidence limit	-.2262D-02
Lower confidence limit	-.4113D-02
R2 =	.99994D+00

TIRE # 1123

B0 =	.34260D+03
B1 =	-.2011D-02
B2 =	-.3010D-07
Mean Square Error =	.48932D+00
Standard Deviation B0 =	.33876D+01
Standard Deviation B1 =	.60844D-03
Standard Deviation B2 =	.62279D-07
Predicted rate at X = 8000	-.2493D-02
Upper confidence limit	-.1513D-02
Lower confidence limit	-.3472D-02
R2 =	.98343D+00

TIRE # 1124

B0 =	.34060D+03
B1 =	-.1718D-02
B2 =	-.1305D-06
Mean Square Error =	.45516D+00
Standard Deviation B0 =	.32672D+01
Standard Deviation B1 =	.58682D-03
Standard Deviation B2 =	.60066D-07
Predicted rate at X = 8000	-.3806D-02
Upper confidence limit	-.2861D-02
Lower confidence limit	-.4751D-02
R2 =	.99074D+00

TABLE I.3 SQUARE-ROOT FIT* - PHASE I DATA
TREAD DEPTH (MILS)

TIRE # 1111

B0 =	.35922D+03
B1 =	-.3065D-02
B2 =	.11709D+00
Mean Square Error =	.10320D+01
Standard Deviation B0 =	.15208D+02
Standard Deviation B1 =	.15103D-02
Standard Deviation B2 =	.19808D+00
Predicted rate at X = 8000	-.2410D-02
Upper confidence limit	-.1401D-02
Lower confidence limit	-.3419D-02
R2 =	.96190D+00

TIRE # 1112

B0 =	.36093D+03
B1 =	-.3107D-02
B2 =	.10570D+00
Mean Square Error =	.51242D+00
Standard Deviation B0 =	.10716D+02
Standard Deviation B1 =	.10642D-02
Standard Deviation B2 =	.13958D+00
Predicted rate at X = 8000	-.2517D-02
Upper confidence limit	-.1805D-02
Lower confidence limit	-.3228D-02
R2 =	.98277D+00

TIRE # 1113

B0 =	.35559D+03
B1 =	-.4269D-02
B2 =	.26825D+00
Mean Square Error =	.41702D+00
Standard Deviation B0 =	.96671D+01
Standard Deviation B1 =	.96004D-03
Standard Deviation B2 =	.12592D+00
Predicted rate at X = 8000	-.2769D-02
Upper confidence limit	-.2127D-02
Lower confidence limit	-.3411D-02
R2 =	.98516D+00

TIRE # 1114

B0 =	.35616D+03
B1 =	-.4280D-02
B2 =	.26641D+00
Mean Square Error =	.18257D+00
Standard Deviation B0 =	.63963D+01
Standard Deviation B1 =	.63522D-03
Standard Deviation B2 =	.83314D-01
Predicted rate at X = 8000	-.2790D-02
Upper confidence limit	-.2366D-02
Lower confidence limit	-.3215D-02
R2 =	.99359D+00

* Fit = $B_0 + B_1 * X + B_2 * X^{1/2}$, X=miles

TIRE # 1121

B0 =	.34230D+03
B1 =	-.2388D-02
B2 =	.11289D-02
Mean Square Error =	.40401D+00
Standard Deviation B0 =	.95151D+01
Standard Deviation B1 =	.94494D-03
Standard Deviation B2 =	.12394D+00
Predicted rate at X = 8000	-.2381D-02
Upper confidence limit	-.1750D-02
Lower confidence limit	-.3013D-02
R2 =	.98716D+00

TIRE # 1122

B0 =	.33858D+03
B1 =	-.3492D-02
B2 =	.91812D-01
Mean Square Error =	.47236D+00
Standard Deviation B0 =	.10289D+02
Standard Deviation B1 =	.10218D-02
Standard Deviation B2 =	.13401D+00
Predicted rate at X = 8000	-.2978D-02
Upper confidence limit	-.2296D-02
Lower confidence limit	-.3661D-02
R2 =	.98911D+00

TIRE # 1123

B0 =	.34247D+03
B1 =	-.2469D-02
B2 =	.22353D-01
Mean Square Error =	.50377D+00
Standard Deviation B0 =	.10625D+02
Standard Deviation B1 =	.10552D-02
Standard Deviation B2 =	.13839D+00
Predicted rate at X = 8000	-.2344D-02
Upper confidence limit	-.1639D-02
Lower confidence limit	-.3050D-02
R2 =	.98294D+00

TIRE # 1124

B0 =	.33575D+03
B1 =	-.4751D-02
B2 =	.23485D+00
Mean Square Error =	.55508D+00
Standard Deviation B0 =	.11153D+02
Standard Deviation B1 =	.11076D-02
Standard Deviation B2 =	.14527D+00
Predicted rate at X = 8000	-.3438D-02
Upper confidence limit	-.2698D-02
Lower confidence limit	-.4178D-02
R2 =	.98871D+00

TABLE I.4 LINEAR FIT* - PHASE I DATA
WEIGHT (GRAMS)

TIRE # 1111

B0 =	.18022D+05
B1 =	-.1829D-01
Mean Square Error =	.54190D+01
Standard Deviation B0 =	.19630D+01
Standard Deviation B1 =	.37566D-03
Predicted rate at X = 8000 =	-.1829D-01
Upper confidence limit =	-.1740D-01
Lower confidence limit =	-.1918D-01
R2 =	.99706D+00

TIRE # 1112

B0 =	.18026D+05
B1 =	-.1796D-01
Mean Square Error =	.37365D+01
Standard Deviation B0 =	.16301D+01
Standard Deviation B1 =	.31194D-03
Predicted rate at X = 8000 =	-.1796D-01
Upper confidence limit =	-.1722D-01
Lower confidence limit =	-.1870D-01
R2 =	.99789D+00

TIRE # 1113

B0 =	.17923D+05
B1 =	-.1752D-01
Mean Square Error =	.46008D+01
Standard Deviation B0 =	.18088D+01
Standard Deviation B1 =	.34614D-03
Predicted rate at X = 8000 =	-.1752D-01
Upper confidence limit =	-.1670D-01
Lower confidence limit =	-.1834D-01
R2 =	.99728D+00

TIRE # 1114

B0 =	.17938D+05
B1 =	-.1815D-01
Mean Square Error =	.42198D+01
Standard Deviation B0 =	.17323D+01
Standard Deviation B1 =	.33150D-03
Predicted rate at X = 8000 =	-.1815D-01
Upper confidence limit =	-.1736D-01
Lower confidence limit =	-.1893D-01
R2 =	.99767D+00

* Fit = $B_0 + B_1 * X$, X=miles

TIRE # 1121

B0 =	.17826D+05
B1 =	-.1823D-01
Mean Square Error =	.56548D+01
Standard Deviation B0 =	.20053D+01
Standard Deviation B1 =	.38374D-03
Predicted rate at X = 8000 =	-.1823D-01
Upper confidence limit =	-.1732D-01
Lower confidence limit =	-.1914D-01
R2 =	.99691D+00

TIRE # 1122

B0 =	.17763D+05
B1 =	-.1933D-01
Mean Square Error =	.37841D+01
Standard Deviation B0 =	.16404D+01
Standard Deviation B1 =	.31392D-03
Predicted rate at X = 8000 =	-.1933D-01
Upper confidence limit =	-.1859D-01
Lower confidence limit =	-.2008D-01
R2 =	.99816D+00

TIRE # 1123

B0 =	.17737D+05
B1 =	-.1806D-01
Mean Square Error =	.25817D+01
Standard Deviation B0 =	.13550D+01
Standard Deviation B1 =	.25929D-03
Predicted rate at X = 8000 =	-.1806D-01
Upper confidence limit =	-.1745D-01
Lower confidence limit =	-.1868D-01
R2 =	.99856D+00

TIRE # 1124

B0 =	.17846D+05
B1 =	-.1985D-01
Mean Square Error =	.36294D+01
Standard Deviation B0 =	.16065D+01
Standard Deviation B1 =	.30743D-03
Predicted rate at X = 8000 =	-.1985D-01
Upper confidence limit =	-.1913D-01
Lower confidence limit =	-.2058D-01
R2 =	.99832D+00

TABLE I.5 QUADRATIC FIT* - PHASE I DATA
WEIGHT (GRAMS)

TIRE # 1111

B0 =	.18025D+05
B1 =	-.1956D-01
B2 =	.13190D-06
Mean Square Error =	.51055D+01
Standard Deviation B0 =	.10943D+02
Standard Deviation B1 =	.19654D-02
Standard Deviation B2 =	.20117D-06
Predicted rate at X = 8000	-.1745D-01
Upper confidence limit	-.1428D-01
Lower confidence limit	-.2061D-01
R2 =	.99723D+00

TIRE # 1112

B0 =	.18030D+05
B1 =	-.1994D-01
B2 =	.20630D-06
Mean Square Error =	.29694D+01
Standard Deviation B0 =	.83452D+01
Standard Deviation B1 =	.14989D-02
Standard Deviation B2 =	.15342D-06
Predicted rate at X = 8000	-.1664D-01
Upper confidence limit	-.1422D-01
Lower confidence limit	-.1905D-01
R2 =	.99833D+00

TIRE # 1113

B0 =	.17927D+05
B1 =	-.1968D-01
B2 =	.22491D-06
Mean Square Error =	.36892D+01
Standard Deviation B0 =	.93017D+01
Standard Deviation B1 =	.16707D-02
Standard Deviation B2 =	.17101D-06
Predicted rate at X = 8000	-.1608D-01
Upper confidence limit	-.1339D-01
Lower confidence limit	-.1877D-01
R2 =	.99782D+00

TIRE # 1114

B0 =	.17940D+05
B1 =	-.1901D-01
B2 =	.89624D-07
Mean Square Error =	.40751D+01
Standard Deviation B0 =	.97761D+01
Standard Deviation B1 =	.17559D-02
Standard Deviation B2 =	.17973D-06
Predicted rate at X = 8000	-.1757D-01
Upper confidence limit	-.1474D-01
Lower confidence limit	-.2040D-01
R2 =	.99775D+00

* Fit = $B_0 + B_1 * X + B_2 * X^2$, X=miles

TIRE # 1121

B0 =	.17829D+05
B1 =	-.1945D-01
B2 =	.12683D-06
Mean Square Error =	.53649D+01
Standard Deviation B0 =	.11217D+02
Standard Deviation B1 =	.20147D-02
Standard Deviation B2 =	.20622D-06
Predicted rate at X = 8000	-.1742D-01
Upper confidence limit	-.1417D-01
Lower confidence limit	-.2066D-01
R2 =	.99707D+00

TIRE # 1122

B0 =	.17767D+05
B1 =	-.2131D-01
B2 =	.20630D-06
Mean Square Error =	.30171D+01
Standard Deviation B0 =	.84118D+01
Standard Deviation B1 =	.15108D-02
Standard Deviation B2 =	.15465D-06
Predicted rate at X = 8000	-.1801D-01
Upper confidence limit	-.1558D-01
Lower confidence limit	-.2045D-01
R2 =	.99853D+00

TIRE # 1123

B0 =	.17739D+05
B1 =	-.1902D-01
B2 =	.99770D-07
Mean Square Error =	.24024D+01
Standard Deviation B0 =	.75061D+01
Standard Deviation B1 =	.13482D-02
Standard Deviation B2 =	.13799D-06
Predicted rate at X = 8000	-.1742D-01
Upper confidence limit	-.1525D-01
Lower confidence limit	-.1959D-01
R2 =	.99866D+00

TIRE # 1124

B0 =	.17848D+05
B1 =	-.2120D-01
B2 =	.14035D-06
Mean Square Error =	.32743D+01
Standard Deviation B0 =	.87631D+01
Standard Deviation B1 =	.15739D-02
Standard Deviation B2 =	.16110D-06
Predicted rate at X = 8000	-.1896D-01
Upper confidence limit	-.1642D-01
Lower confidence limit	-.2149D-01
R2 =	.99849D+00

TABLE I.6 SQUARE-ROOT FIT* - PHASE I DATA
WEIGHT (GRAMS)

TIRE # 1111

B0 =	.18032D+05
B1 =	-.1595D-01
B2 =	-.3095D+00
Mean Square Error =	.50591D+01
Standard Deviation B0 =	.33671D+02
Standard Deviation B1 =	.33438D-02
Standard Deviation B2 =	.43857D+00
Predicted rate at X = 8000	-.1768D-01
Upper confidence limit	-.1544D-01
Lower confidence limit	-.1991D-01
R2 =	.99725D+00

TIRE # 1112

B0 =	.18042D+05
B1 =	-.1391D-01
B2 =	-.5344D+00
Mean Square Error =	.26635D+01
Standard Deviation B0 =	.24431D+02
Standard Deviation B1 =	.24263D-02
Standard Deviation B2 =	.31822D+00
Predicted rate at X = 8000	-.1690D-01
Upper confidence limit	-.1527D-01
Lower confidence limit	-.1852D-01
R2 =	.99850D+00

TIRE # 1113

B0 =	.17939D+05
B1 =	-.1353D-01
B2 =	-.5263D+00
Mean Square Error =	.35599D+01
Standard Deviation B0 =	.28245D+02
Standard Deviation B1 =	.28050D-02
Standard Deviation B2 =	.36789D+00
Predicted rate at X = 8000	-.1647D-01
Upper confidence limit	-.1460D-01
Lower confidence limit	-.1835D-01
R2 =	.99789D+00

TIRE # 1114

B0 =	.17946D+05
B1 =	-.1635D-01
B2 =	-.2369D+00
Mean Square Error =	.40089D+01
Standard Deviation B0 =	.29973D+02
Standard Deviation B1 =	.29766D-02
Standard Deviation B2 =	.39041D+00
Predicted rate at X = 8000	-.1767D-01
Upper confidence limit	-.1569D-01
Lower confidence limit	-.1966D-01
R2 =	.99779D+00

* Fit = $B_0 + B_1 * X + B_2 * X^{1/2}$, X=miles

TIRE # 1121

B0 =	.17837D+05
B1 =	-.1578D-01
B2 =	-.3229D+00
Mean Square Error =	.52631D+01
Standard Deviation B0 =	.34343D+02
Standard Deviation B1 =	.34106D-02
Standard Deviation B2 =	.44733D+00
Predicted rate at X = 8000	-.1759D-01
Upper confidence limit	-.1531D-01
Lower confidence limit	-.1987D-01
R2 =	.99712D+00

TIRE # 1122

B0 =	.17780D+05
B1 =	-.1524D-01
B2 =	-.5405D+00
Mean Square Error =	.26863D+01
Standard Deviation B0 =	.24536D+02
Standard Deviation B1 =	.24366D-02
Standard Deviation B2 =	.31958D+00
Predicted rate at X = 8000	-.1826D-01
Upper confidence limit	-.1663D-01
Lower confidence limit	-.1989D-01
R2 =	.99869D+00

TIRE # 1123

B0 =	.17749D+05
B1 =	-.1548D-01
B2 =	-.3412D+00
Mean Square Error =	.21443D+01
Standard Deviation B0 =	.21921D+02
Standard Deviation B1 =	.21770D-02
Standard Deviation B2 =	.28553D+00
Predicted rate at X = 8000	-.1738D-01
Upper confidence limit	-.1593D-01
Lower confidence limit	-.1884D-01
R2 =	.99880D+00

TIRE # 1124

B0 =	.17858D+05
B1 =	-.1686D-01
B2 =	-.3954D+00
Mean Square Error =	.30418D+01
Standard Deviation B0 =	.26108D+02
Standard Deviation B1 =	.25928D-02
Standard Deviation B2 =	.34007D+00
Predicted rate at X = 8000	-.1907D-01
Upper confidence limit	-.1733D-01
Lower confidence limit	-.2080D-01
R2 =	.99860D+00

TABLE I.7 LINEAR FITS* - PHASE I & II DATA
TREAD DEPTH (MILS)

TIRE # 1111

B0 =	.36499D+03
B1 =	-.2668D-02
Mean Square Error =	.93587D+00
Standard Deviation B0 =	.36227D+00
Standard Deviation B1 =	.25508D-04
Predicted rate at X = 8000 =	-.2668D-02
Upper confidence limit =	-.2616D-02
Lower confidence limit =	-.2721D-02
R2 =	.99745D+00

TIRE # 1112

B0 =	.36585D+03
B1 =	-.2716D-02
Mean Square Error =	.78043D+00
Standard Deviation B0 =	.33082D+00
Standard Deviation B1 =	.23293D-04
Predicted rate at X = 8000 =	-.2716D-02
Upper confidence limit =	-.2669D-02
Lower confidence limit =	-.2764D-02
R2 =	.99795D+00

TIRE # 1113

B0 =	.36604D+03
B1 =	-.2669D-02
Mean Square Error =	.12654D+01
Standard Deviation B0 =	.42124D+00
Standard Deviation B1 =	.29660D-04
Predicted rate at X = 8000 =	-.2669D-02
Upper confidence limit =	-.2608D-02
Lower confidence limit =	-.2730D-02
R2 =	.99655D+00

TIRE # 1114

B0 =	.36634D+03
B1 =	-.2676D-02
Mean Square Error =	.91579D+00
Standard Deviation B0 =	.35836D+00
Standard Deviation B1 =	.25232D-04
Predicted rate at X = 8000 =	-.2676D-02
Upper confidence limit =	-.2624D-02
Lower confidence limit =	-.2727D-02
R2 =	.99752D+00

* Fit = $B_0 + B_1 * X$, X=miles

TIRE # 1121

B0 =	.34415D+03
B1 =	-.2749D-02
Mean Square Error =	.86599D+00
Standard Deviation B0 =	.34848D+00
Standard Deviation B1 =	.24537D-04
Predicted rate at X = 8000 =	-.2749D-02
Upper confidence limit =	-.2699D-02
Lower confidence limit =	-.2799D-02
R2 =	.99777D+00

TIRE # 1122

B0 =	.34420D+03
B1 =	-.3313D-02
Mean Square Error =	.11246D+01
Standard Deviation B0 =	.39711D+00
Standard Deviation B1 =	.27961D-04
Predicted rate at X = 8000 =	-.3313D-02
Upper confidence limit =	-.3256D-02
Lower confidence limit =	-.3370D-02
R2 =	.99801D+00

TIRE # 1123

B0 =	.34528D+03
B1 =	-.2642D-02
Mean Square Error =	.12880D+01
Standard Deviation B0 =	.42499D+00
Standard Deviation B1 =	.29924D-04
Predicted rate at X = 8000 =	-.2642D-02
Upper confidence limit =	-.2581D-02
Lower confidence limit =	-.2703D-02
R2 =	.99642D+00

TIRE # 1124

B0 =	.34493D+03
B1 =	-.3337D-02
Mean Square Error =	.10603D+01
Standard Deviation B0 =	.38560D+00
Standard Deviation B1 =	.27151D-04
Predicted rate at X = 8000 =	-.3337D-02
Upper confidence limit =	-.3282D-02
Lower confidence limit =	-.3393D-02
R2 =	.99815D+00

TABLE I.8 QUADRATIC FIT* - PHASE I & II DATA
TREAD DEPTH (MILS)

TIRE # 1111

B0 =	.36390D+03
B1 =	-.2413D-02
B2 =	-.1030D-07
Mean Square Error =	.72770D+00
Standard Deviation B0 =	.13755D+01
Standard Deviation B1 =	.92979D-04
Standard Deviation B2 =	.36378D-08
Predicted rate at X = 8000	-.2578D-02
Upper confidence limit	-.2498D-02
Lower confidence limit	-.2658D-02
R2 =	.99802D+00

TIRE # 1112

B0 =	.36485D+03
B1 =	-.2481D-02
B2 =	-.9490D-08
Mean Square Error =	.60355D+00
Standard Deviation B0 =	.12527D+01
Standard Deviation B1 =	.84677D-04
Standard Deviation B2 =	.33130D-08
Predicted rate at X = 8000	-.2633D-02
Upper confidence limit	-.2560D-02
Lower confidence limit	-.2706D-02
R2 =	.99841D+00

TIRE # 1113

B0 =	.36384D+03
B1 =	-.2153D-02
B2 =	-.2081D-07
Mean Square Error =	.41470D+00
Standard Deviation B0 =	.10383D+01
Standard Deviation B1 =	.70190D-04
Standard Deviation B2 =	.27462D-08
Predicted rate at X = 8000	-.2486D-02
Upper confidence limit	-.2425D-02
Lower confidence limit	-.2546D-02
R2 =	.99887D+00

TIRE # 1114

B0 =	.36486D+03
B1 =	-.2328D-02
B2 =	-.1402D-07
Mean Square Error =	.52977D+00
Standard Deviation B0 =	.11736D+01
Standard Deviation B1 =	.79333D-04
Standard Deviation B2 =	.31039D-08
Predicted rate at X = 8000	-.2552D-02
Upper confidence limit	-.2484D-02
Lower confidence limit	-.2621D-02
R2 =	.99856D+00

* Fit = $B_0 + B_1 * X + B_2 * X^2$, X=miles

TIRE # 1121

B0 =	.34283D+03
B1 =	-.2439D-02
B2 =	-.1250D-07
Mean Square Error =	.55898D+00
Standard Deviation B0 =	.12055D+01
Standard Deviation B1 =	.81491D-04
Standard Deviation B2 =	.31883D-08
Predicted rate at X = 8000	-.2639D-02
Upper confidence limit	-.2569D-02
Lower confidence limit	-.2709D-02
R2 =	.99856D+00

TIRE # 1122

B0 =	.34237D+03
B1 =	-.2883D-02
B2 =	-.1733D-07
Mean Square Error =	.53452D+00
Standard Deviation B0 =	.11788D+01
Standard Deviation B1 =	.79687D-04
Standard Deviation B2 =	.31178D-08
Predicted rate at X = 8000	-.3160D-02
Upper confidence limit	-.3092D-02
Lower confidence limit	-.3229D-02
R2 =	.99905D+00

TIRE # 1123

B0 =	.34336D+03
B1 =	-.2193D-02
B2 =	-.1811D-07
Mean Square Error =	.64382D+00
Standard Deviation B0 =	.12938D+01
Standard Deviation B1 =	.87456D-04
Standard Deviation B2 =	.34217D-08
Predicted rate at X = 8000	-.2483D-02
Upper confidence limit	-.2407D-02
Lower confidence limit	-.2558D-02
R2 =	.99821D+00

TIRE # 1124

B0 =	.34368D+03
B1 =	-.3043D-02
B2 =	-.1186D-07
Mean Square Error =	.78406D+00
Standard Deviation B0 =	.14277D+01
Standard Deviation B1 =	.96512D-04
Standard Deviation B2 =	.37760D-08
Predicted rate at X = 8000	-.3233D-02
Upper confidence limit	-.3150D-02
Lower confidence limit	-.3316D-02
R2 =	.99863D+00

TABLE I.9 SQUARE-ROOT FIT* - PHASE I & II DATA
TREAD DEPTH (MILS).

TIRE # 1111

B0 =	.36099D+03
B1 =	-.3125D-02
B2 =	.91413D-01
Mean Square Error =	.59160D+00
Standard Deviation B0 =	.27883D+01
Standard Deviation B1 =	.11485D-03
Standard Deviation B2 =	.22646D-01
Predicted rate at X = 8000	-.2614D-02
Upper confidence limit	-.2564D-02
Lower confidence limit	-.2664D-02
R2 =	.99839D+00

TIRE # 1112

B0 =	.36202D+03
B1 =	-.3154D-02
B2 =	.87585D-01
Mean Square Error =	.46439D+00
Standard Deviation B0 =	.24704D+01
Standard Deviation B1 =	.10176D-03
Standard Deviation B2 =	.20064D-01
Predicted rate at X = 8000	-.2664D-02
Upper confidence limit	-.2620D-02
Lower confidence limit	-.2708D-02
R2 =	.99878D+00

TIRE # 1113

B0 =	.35910D+03
B1 =	-.3461D-02
B2 =	.15861D+00
Mean Square Error =	.22891D+00
Standard Deviation B0 =	.17345D+01
Standard Deviation B1 =	.71444D-04
Standard Deviation B2 =	.14087D-01
Predicted rate at X = 8000	-.2574D-02
Upper confidence limit	-.2543D-02
Lower confidence limit	-.2605D-02
R2 =	.99938D+00

TIRE # 1114

B0 =	.36103D+03
B1 =	-.3281D-02
B2 =	.12131D+00
Mean Square Error =	.30953D+00
Standard Deviation B0 =	.20169D+01
Standard Deviation B1 =	.83077D-04
Standard Deviation B2 =	.16391D-01
Predicted rate at X = 8000	-.2603D-02
Upper confidence limit	-.2567D-02
Lower confidence limit	-.2639D-02
R2 =	.99916D+00

* Fit = $B_0 + B_1 * X + B_2 * X^2$, X=miles

TIRE # 1121

B0 =	.34011D+03
B1 =	-.3209D-02
B2 =	.92240D-01
Mean Square Error =	.51546D+00
Standard Deviation B0 =	.26027D+01
Standard Deviation B1 =	.10721D-03
Standard Deviation B2 =	.21139D-01
Predicted rate at X = 8000	-.2694D-02
Upper confidence limit	-.2647D-02
Lower confidence limit	-.2740D-02
R2 =	.99868D+00

TIRE # 1122

B0 =	.33929D+03
B1 =	-.3873D-02
B2 =	.11222D+00
Mean Square Error =	.60577D+00
Standard Deviation B0 =	.28215D+01
Standard Deviation B1 =	.11622D-03
Standard Deviation B2 =	.22916D-01
Predicted rate at X = 8000	-.3246D-02
Upper confidence limit	-.3195D-02
Lower confidence limit	-.3296D-02
R2 =	.99893D+00

TIRE # 1123

B0 =	.34018D+03
B1 =	-.3224D-02
B2 =	.11656D+00
Mean Square Error =	.72825D+00
Standard Deviation B0 =	.30937D+01
Standard Deviation B1 =	.12743D-03
Standard Deviation B2 =	.25126D-01
Predicted rate at X = 8000	-.2572D-02
Upper confidence limit	-.2517D-02
Lower confidence limit	-.2628D-02
R2 =	.99798D+00

TIRE # 1124

B0 =	.34151D+03
B1 =	-.3728D-02
B2 =	.78290D-01
Mean Square Error =	.80781D+00
Standard Deviation B0 =	.32583D+01
Standard Deviation B1 =	.13421D-03
Standard Deviation B2 =	.26463D-01
Predicted rate at X = 8000	-.3290D-02
Upper confidence limit	-.3232D-02
Lower confidence limit	-.3349D-02
R2 =	.99859D+00

TABLE I.10 LINEAR FIT* - PHASE I & II DATA
WEIGHT (GRAMS)

TIRE # 1111

B0 =	.18021D+05
B1 =	-.1789D-01
Mean Square Error =	.38232D+01
Standard Deviation B0 =	.86676D+00
Standard Deviation B1 =	.82274D-04
Predicted rate at X = 8000 =	-.1789D-01
Upper confidence limit =	-.1773D-01
Lower confidence limit =	-.1806D-01
R2 =	.99941D+00

TIRE # 1112

B0 =	.18026D+05
B1 =	-.1762D-01
Mean Square Error =	.73028D+01
Standard Deviation B0 =	.11979D+01
Standard Deviation B1 =	.11371D-03
Predicted rate at X = 8000 =	-.1762D-01
Upper confidence limit =	-.1739D-01
Lower confidence limit =	-.1785D-01
R2 =	.99884D+00

TIRE # 1113

B0 =	.17923D+05
B1 =	-.1727D-01
Mean Square Error =	.50439D+01
Standard Deviation B0 =	.99557D+00
Standard Deviation B1 =	.94501D-04
Predicted rate at X = 8000 =	-.1727D-01
Upper confidence limit =	-.1708D-01
Lower confidence limit =	-.1746D-01
R2 =	.99916D+00

TIRE # 1114

B0 =	.17937D+05
B1 =	-.1757D-01
Mean Square Error =	.62373D+01
Standard Deviation B0 =	.11071D+01
Standard Deviation B1 =	.10509D-03
Predicted rate at X = 8000 =	-.1757D-01
Upper confidence limit =	-.1736D-01
Lower confidence limit =	-.1778D-01
R2 =	.99900D+00

* Fit = $B_0 + B_1 * X$, X=miles

TIRE # 1121

B0 =	.17829D+05
B1 =	-.1845D-01
Mean Square Error =	.12140D+02
Standard Deviation B0 =	.15445D+01
Standard Deviation B1 =	.14661D-03
Predicted rate at X = 8000 =	-.1845D-01
Upper confidence limit =	-.1816D-01
Lower confidence limit =	-.1875D-01
R2 =	.99824D+00

TIRE # 1122

B0 =	.17768D+05
B1 =	-.2002D-01
Mean Square Error =	.16863D+02
Standard Deviation B0 =	.18203D+01
Standard Deviation B1 =	.17279D-03
Predicted rate at X = 8000 =	-.2002D-01
Upper confidence limit =	-.1967D-01
Lower confidence limit =	-.2036D-01
R2 =	.99792D+00

TIRE # 1123

B0 =	.17741D+05
B1 =	-.1849D-01
Mean Square Error =	.82894D+01
Standard Deviation B0 =	.12763D+01
Standard Deviation B1 =	.12115D-03
Predicted rate at X = 8000 =	-.1849D-01
Upper confidence limit =	-.1825D-01
Lower confidence limit =	-.1873D-01
R2 =	.99880D+00

TIRE # 1124

B0 =	.17850D+05
B1 =	-.2024D-01
Mean Square Error =	.11145D+02
Standard Deviation B0 =	.14799D+01
Standard Deviation B1 =	.14047D-03
Predicted rate at X = 8000 =	-.2024D-01
Upper confidence limit =	-.1996D-01
Lower confidence limit =	-.2052D-01
R2 =	.99865D+00

TABLE I.II QUADRATIC FIT* - PHASE I & II DATA
WEIGHT (GRAMS)

TIRE # 1111

B0 =	.18020D+05
B1 =	-.1762D-01
B2 =	-.1259D-07
Mean Square Error =	.37903D+01
Standard Deviation B0 =	.29612D+01
Standard Deviation B1 =	.18064D-03
Standard Deviation B2 =	.67386D-08
Predicted rate at X = 8000	-.1782D-01
Upper confidence limit	-.1766D-01
Lower confidence limit	-.1799D-01
R2 =	.99972D+00

TIRE # 1112

B0 =	.18024D+05
B1 =	-.1703D-01
B2 =	-.3069D-07
Mean Square Error =	.52215D+01
Standard Deviation B0 =	.34756D+01
Standard Deviation B1 =	.21202D-03
Standard Deviation B2 =	.79092D-08
Predicted rate at X = 8000	-.1752D-01
Upper confidence limit	-.1733D-01
Lower confidence limit	-.1771D-01
R2 =	.99961D+00

TIRE # 1113

B0 =	.17920D+05
B1 =	-.1636D-01
B2 =	-.5164D-07
Mean Square Error =	.42009D+01
Standard Deviation B0 =	.31175D+01
Standard Deviation B1 =	.19017D-03
Standard Deviation B2 =	.70942D-08
Predicted rate at X = 8000	-.1719D-01
Upper confidence limit	-.1702D-01
Lower confidence limit	-.1736D-01
R2 =	.99968D+00

TIRE # 1114

B0 =	.17935D+05
B1 =	-.1696D-01
B2 =	-.3414D-07
Mean Square Error =	.51497D+01
Standard Deviation B0 =	.34516D+01
Standard Deviation B1 =	.21055D-03
Standard Deviation B2 =	.78545D-08
Predicted rate at X = 8000	-.1750D-01
Upper confidence limit	-.1731D-01
Lower confidence limit	-.1769D-01
R2 =	.99962D+00

* Fit = $B_0 + B_1 * X + B_2 * X^2$, X=miles

TIRE # 1121

B0 =	.17824D+05
B1 =	-.1681D-01
B2 =	-.9437D-07
Mean Square Error =	.59904D+01
Standard Deviation B0 =	.37227D+01
Standard Deviation B1 =	.22709D-03
Standard Deviation B2 =	.84715D-08
Predicted rate at X = 8000	-.1832D-01
Upper confidence limit	-.1812D-01
Lower confidence limit	-.1853D-01
R2 =	.99962D+00

TIRE # 1122

B0 =	.17762D+05
B1 =	-.1814D-01
B2 =	-.1064D-06
Mean Square Error =	.84468D+01
Standard Deviation B0 =	.44206D+01
Standard Deviation B1 =	.26966D-03
Standard Deviation B2 =	.10060D-07
Predicted rate at X = 8000	-.1985D-01
Upper confidence limit	-.1961D-01
Lower confidence limit	-.2009D-01
R2 =	.99954D+00

TIRE # 1123

B0 =	.17736D+05
B1 =	-.1691D-01
B2 =	-.9419D-07
Mean Square Error =	.40688D+01
Standard Deviation B0 =	.30681D+01
Standard Deviation B1 =	.18716D-03
Standard Deviation B2 =	.69818D-08
Predicted rate at X = 8000	-.1842D-01
Upper confidence limit	-.1825D-01
Lower confidence limit	-.1859D-01
R2 =	.99974D+00

TIRE # 1124

B0 =	.17845D+05
B1 =	-.1871D-01
B2 =	-.8832D-07
Mean Square Error =	.69621D+01
Standard Deviation B0 =	.40133D+01
Standard Deviation B1 =	.24482D-03
Standard Deviation B2 =	.91328D-08
Predicted rate at X = 8000	-.2013D-01
Upper confidence limit	-.1991D-01
Lower confidence limit	-.2035D-01
R2 =	.99963D+00

TABLE I.12 SQUARE-ROOT FIT* - PHASE I & II DATA
WEIGHT (GRAMS)

TIRE # 1111

B0 =	.18023D+05
B1 =	-.1756D-01
B2 =	-.5550D-01
Mean Square Error =	.37629D+01
Standard Deviation B0 =	.91668D+01
Standard Deviation B1 =	.49538D-03
Standard Deviation B2 =	.82858D-01
Predicted rate at X = 8000	-.1787D-01
Upper confidence limit	-.1770D-01
Lower confidence limit	-.1805D-01
R2 =	.99942D+00

TIRE # 1112

B0 =	.18021D+05
B1 =	-.1833D-01
B2 =	.12100D+00
Mean Square Error =	.70162D+01
Standard Deviation B0 =	.12517D+02
Standard Deviation B1 =	.67644D-03
Standard Deviation B2 =	.11314D+00
Predicted rate at X = 8000	-.1766D-01
Upper confidence limit	-.1742D-01
Lower confidence limit	-.1789D-01
R2 =	.99888D+00

TIRE # 1113

B0 =	.17923D+05
B1 =	-.1730D-01
B2 =	.41857D-02
Mean Square Error =	.50435D+01
Standard Deviation B0 =	.10613D+02
Standard Deviation B1 =	.57351D-03
Standard Deviation B2 =	.95928D-01
Predicted rate at X = 8000	-.1727D-01
Upper confidence limit	-.1707D-01
Lower confidence limit	-.1747D-01
R2 =	.99916D+00

TIRE # 1114

B0 =	.17935D+05
B1 =	-.1788D-01
B2 =	.53140D-01
Mean Square Error =	.61820D+01
Standard Deviation B0 =	.11750D+02
Standard Deviation B1 =	.63495D-03
Standard Deviation B2 =	.10620D+00
Predicted rate at X = 8000	-.1758D-01
Upper confidence limit	-.1736D-01
Lower confidence limit	-.1780D-01
R2 =	.99901D+00

* Fit = $B_0 + B_1 * X + B_2 * X^{1/2}$, X=miles

TIRE # 1121

B0 =	.17816D+05
B1 =	-.2058D-01
B2 =	.36067D+00
Mean Square Error =	.95932D+01
Standard Deviation B0 =	.14637D+02
Standard Deviation B1 =	.79096D-03
Standard Deviation B2 =	.13230D+00
Predicted rate at X = 8000	-.1857D-01
Upper confidence limit	-.1829D-01
Lower confidence limit	-.1884D-01
R2 =	.99861D+00

TIRE # 1122

B0 =	.17749D+05
B1 =	-.2302D-01
B2 =	.50893D+00
Mean Square Error =	.11793D+02
Standard Deviation B0 =	.16228D+02
Standard Deviation B1 =	.87696D-03
Standard Deviation B2 =	.14668D+00
Predicted rate at X = 8000	-.2017D-01
Upper confidence limit	-.1987D-01
Lower confidence limit	-.2048D-01
R2 =	.99854D+00

TIRE # 1123

B0 =	.17727D+05
B1 =	-.2058D-01
B2 =	.35494D+00
Mean Square Error =	.58233D+01
Standard Deviation B0 =	.11404D+02
Standard Deviation B1 =	.61626D-03
Standard Deviation B2 =	.10308D+00
Predicted rate at X = 8000	-.1860D-01
Upper confidence limit	-.1838D-01
Lower confidence limit	-.1881D-01
R2 =	.99916D+00

TIRE # 1124

B0 =	.17837D+05
B1 =	-.2222D-01
B2 =	.33598D+00
Mean Square Error =	.89356D+01
Standard Deviation B0 =	.14126D+02
Standard Deviation B1 =	.76337D-03
Standard Deviation B2 =	.12768D+00
Predicted rate at X = 8000	-.2035D-01
Upper confidence limit	-.2008D-01
Lower confidence limit	-.2061D-01
R2 =	.99892D+00

TABLE I.13

BRAND=1

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: LOSS

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	11	0.00088630	0.0008057	6.37	0.0001	0.321199	19.6444
ERROR	148	0.00187304	0.00001266		ROOT MSE		LOSS MEAN
CORRECTED TOTAL	159	0.00275934			0.00155748		0.01810937

SOURCE	DF	TYPE III SS	F VALUE	PR > F
ID	3	0.00000042	0.01	0.9951
POS	3	0.00063408	16.70	0.0001
MILE	1	0.00006402	5.06	0.0260
WET	1	0.00005466	4.32	0.0394
TEMP	1	0.00003055	2.41	0.1224
RHUMID	1	0.00011128	8.79	0.0035
WET*RHUMID	1	0.00005749	4.54	0.0347

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	0.02338059	4.48	0.0001	0.00521618
ID	-7.5976862E-05	-0.10	0.9240	0.00079549
	-0.00012500	-0.16	0.8753	0.00079548
	0.00012500	0.16	0.8753	0.00079548
POS	0.00000000	0.00	0.9999	0.00079548
	-0.00350000	-4.40	0.0001	0.00079548
	-0.00387500	-4.87	0.0001	0.00079548
	-0.00545098	-6.85	0.0001	0.00079549
MILE	0.00000000	0.00	0.9999	0.00006081
WET	0.00013677	2.25	0.0260	0.00005922
TEMP	0.00012308	2.08	0.0394	0.00006687
RHUMID	-0.00010391	-1.55	0.1224	0.00001804
WET*RHUMID	5.3506152E-05	2.97	0.0035	0.00000063
	-1.3431911E-06	-2.13	0.0347	

NOTE: THE X'X MATRIX HAS BEEN DEPRND SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER B ARE BLUE FOR THE PARAMETER.

TABLE I.14

BRAND=2

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: LOSS							
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	11	0.00118836	0.00010803	6.52	0.0001	0.326471	19.4972
ERROR	148	0.00245164	0.00001657		ROOT MSE		LOSS MEAN
CORRECTED TOTAL	159	0.00364000			0.00407003		0.02087500

SOURCE	DF	TYPE III SS	P VALUE	PI. > F
ID	3	0.00014094	2.84	0.0396
POS	3	0.00050844	10.23	0.0001
FILE	1	0.00031146	18.80	0.0001
WET	1	0.00007074	4.27	0.0405
TEMP	1	0.00022347	13.49	0.0003
HHUMID	1	0.00010870	6.56	0.0114
WET*HHUMID	1	0.00010005	6.04	0.0151

PARAMETER	ESTIMATE	T FOR H0: PARAMETER=0	PR > T	STD ERROR OF ESTIMATE
INTERCEPT	0.03752792 B	6.29	0.0001	0.00596677
ID	-0.00181250 B	-1.99	0.0483	0.00091009
	0.00012500 B	0.14	0.8909	0.00091009
	-0.00181250 B	-1.99	0.0483	0.00091009
	0.00000000 B			
POS	-0.00406250 B	-4.46	0.0001	0.00091009
	0.00050000 B	0.55	0.5836	0.00091009
	-0.00168750 B	-1.85	0.0657	0.00091009
	0.00000000 B			
FILE	0.00030202	4.34	0.0001	0.00006965
WET	0.00014001	2.07	0.0405	0.00006775
TEMP	-0.00028084	-3.67	0.0003	0.00007646
HHUMID	5.3120657E-05	2.56	0.0114	0.00002074
WET*HHUMID	-1.7719244E-06	-2.46	0.0151	0.00000072

NOTE: THE X'X MATRIX HAS BEEN DECKED SINGULAR AND A GENERALIZED INVERSE HAS BEEN EMPLOYED TO SOLVE THE NORMAL EQUATIONS. THE ABOVE ESTIMATES REPRESENT ONLY ONE OF MANY POSSIBLE SOLUTIONS TO THE NORMAL EQUATIONS. ESTIMATES FOLLOWED BY THE LETTER B ARE BIASED AND DO NOT ESTIMATE THE PARAMETER BUT ARE BLUE FOR SOME LINEAR COMBINATION OF PARAMETERS (OR ARE ZERO). THE EXPECTED VALUE OF THE BIASED ESTIMATORS MAY BE OBTAINED FROM THE GENERAL FORM OF ESTIMABLE FUNCTIONS. FOR THE BIASED ESTIMATORS, THE STD ERR IS THAT OF THE BIASED ESTIMATOR AND THE T VALUE TESTS H0: E(BIASED ESTIMATOR) = 0. ESTIMATES NOT FOLLOWED BY THE LETTER E ARE BLUE FOR THE PARAMETER.

APPENDIX J

**Acceleration Data Analysis
and
Data Logger Description and Instructions**

ACCELERATION DATA LOCATOR

- By Test

- By Driver

See Page J285

TEST NUMBER : 4S0006
RUN NUMBER : B11-1
DRIVER NUMBER : 01
COURSE LEG : 1
START DISTANCE = 6.0023 MILES
END DISTANCE = 19.9990 MILES
NUMBER OF SAMPLES = 2324

MEAN VELOCITY = 54.23176
VELOCITY STANDARD DEVIATION = 5.43633

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01284
ABSOLUTE STANDARD DEVIATION = .01081
NUMBER OF SAMPLES = 2324.

POSITIVE WITH ZEROS MEAN = .01076
POSITIVE WITH ZEROS STANDARD DEVIATION = .00884
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .07
NUMBER OF POSITIVE AND ZERO SAMPLES = 1880

NEGATIVE WITH ZEROS MEAN = -.01240
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01485
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 775.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02061
ABSOLUTE STANDARD DEVIATION = .02915
NUMBER OF SAMPLES = 2324.

POSITIVE WITH ZEROS MEAN = .01520
POSITIVE WITH ZEROS STANDARD DEVIATION = .01981
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 1970.

NEGATIVE WITH ZEROS MEAN = -.02009
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03923
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.24
NUMBER OF NEGATIVE AND ZERO SAMPLES = 893.

TEST NUMBER : 450006
RUN NUMBER : R1-1
DRIVER NUMBER : 01
COURSE LEG : 1
START DISTANCE = 6.0055 MILES
END DISTANCE = 19.9971 MILES
NUMBER OF SAMPLES = 2380

MEAN VELOCITY = 52.93408
VELOCITY STANDARD DEVIATION = 6.31896

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01335
ABSOLUTE STANDARD DEVIATION = .01450
NUMBER OF SAMPLES = 2380.

POSITIVE WITH ZEROS MEAN = .01118
POSITIVE WITH ZEROS STANDARD DEVIATION = .01038
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .06
NUMBER OF POSITIVE AND ZERO SAMPLES = 1897

NEGATIVE WITH ZEROS MEAN = -.01204
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02016
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.20
NUMBER OF NEGATIVE AND ZERO SAMPLES = 877.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01835
ABSOLUTE STANDARD DEVIATION = .02642
NUMBER OF SAMPLES = 2380.

POSITIVE WITH ZEROS MEAN = .01319
POSITIVE WITH ZEROS STANDARD DEVIATION = .01930
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .13
NUMBER OF POSITIVE AND ZERO SAMPLES = 1905.

NEGATIVE WITH ZEROS MEAN = -.01516
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03054
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1224.

TEST NUMBER : 4S0006
RUN NUMBER : R3-1
DRIVER NUMBER : 01
COURSE LEG : 1
START DISTANCE = 6.0006 MILES
END DISTANCE = 19.9944 MILES
NUMBER OF SAMPLES = 2291

MEAN VELOCITY = 54.92744
VELOCITY STANDARD DEVIATION = 5.52989

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01186
ABSOLUTE STANDARD DEVIATION = .01674
NUMBER OF SAMPLES = 2291.

POSITIVE WITH ZEROS MEAN = .00980
POSITIVE WITH ZEROS STANDARD DEVIATION = .01009
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .06
NUMBER OF POSITIVE AND ZERO SAMPLES = 1992

NEGATIVE WITH ZEROS MEAN = -.00821
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02333
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 933.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02192
ABSOLUTE STANDARD DEVIATION = .02980
NUMBER OF SAMPLES = 2291.

POSITIVE WITH ZEROS MEAN = .01625
POSITIVE WITH ZEROS STANDARD DEVIATION = .02189
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1730.

NEGATIVE WITH ZEROS MEAN = -.02005
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03573
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.23
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1102.

TEST NUMBER : 4S0006
 RUN NUMBER : R5-1
 DRIVER NUMBER : 01
 COURSE LEG : 1
 START DISTANCE = 6.0012 MILES
 END DISTANCE = 19.9943 MILES
 NUMBER OF SAMPLES = 2321

 MEAN VELOCITY = 54.28651
 VELOCITY STANDARD DEVIATION = 6.10333

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01294
 ABSOLUTE STANDARD DEVIATION = .01226
 NUMBER OF SAMPLES = 2321.

 POSITIVE WITH ZEROS MEAN = .01145
 POSITIVE WITH ZEROS STANDARD DEVIATION = .01001
 MAXIMUM POSITIVE SAMPLE WITH ZEROS = .06
 NUMBER OF POSITIVE AND ZERO SAMPLES = 1992

 NEGATIVE WITH ZEROS MEAN = -.00911
 NEGATIVE WITH ZEROS STANDARD DEVIATION = .01630
 MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
 NUMBER OF NEGATIVE AND ZERO SAMPLES = 795.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01721
 ABSOLUTE STANDARD DEVIATION = .02772
 NUMBER OF SAMPLES = 2321. 0

 POSITIVE WITH ZEROS MEAN = .01274
 POSITIVE WITH ZEROS STANDARD DEVIATION = .02195
 MAXIMUM POSITIVE WITH ZEROS SAMPLE = .14
 NUMBER OF POSITIVE AND ZERO SAMPLES = 1450.

 NEGATIVE WITH ZEROS MEAN = -.01340
 NEGATIVE WITH ZEROS STANDARD DEVIATION = .02792
 MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
 NUMBER OF NEGATIVE AND ZERO SAMPLES = 1603.

TEST NUMBER : 4S0006
RUN NUMBER : R7-1
DRIVER NUMBER : 01
COURSE LEG : 1
START DISTANCE = 6.0050 MILES
END DISTANCE = 19.9956 MILES
NUMBER OF SAMPLES = 2289

MEAN VELOCITY = 54.13522
VELOCITY STANDARD DEVIATION = 5.49653

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01469
ABSOLUTE STANDARD DEVIATION = .01572
NUMBER OF SAMPLES = 2289.

POSITIVE WITH ZEROS MEAN = .01258
POSITIVE WITH ZEROS STANDARD DEVIATION = .01143
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .07
NUMBER OF POSITIVE AND ZERO SAMPLES = 1874

NEGATIVE WITH ZEROS MEAN = -.01173
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02163
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 857.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02070
ABSOLUTE STANDARD DEVIATION = .02854
NUMBER OF SAMPLES = 2289.

POSITIVE WITH ZEROS MEAN = .01531
POSITIVE WITH ZEROS STANDARD DEVIATION = .02309
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 1308.

NEGATIVE WITH ZEROS MEAN = -.01779
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02969
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.24
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1538.

TEST NUMBER : 4S0006
RUN NUMBER : R1-1
DRIVER NUMBER : 01
COURSE LEG : 2
START DISTANCE = 120.0057 MILES
END DISTANCE = 133.9962 MILES
NUMBER OF SAMPLES = 2428

MEAN VELOCITY = 51.89276
VELOCITY STANDARD DEVIATION = 6.52532

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02693
ABSOLUTE STANDARD DEVIATION = .03147
NUMBER OF SAMPLES = 2428.

POSITIVE WITH ZEROS MEAN = .02041
POSITIVE WITH ZEROS STANDARD DEVIATION = .02681
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 1724

NEGATIVE WITH ZEROS MEAN = -.02865
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04640
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.28
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1054.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04364
ABSOLUTE STANDARD DEVIATION = .04691
NUMBER OF SAMPLES = 2428.

POSITIVE WITH ZEROS MEAN = .03693
POSITIVE WITH ZEROS STANDARD DEVIATION = .04960
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .25
NUMBER OF POSITIVE AND ZERO SAMPLES = 1569.

NEGATIVE WITH ZEROS MEAN = -.04187
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06211
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.33
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1147.

TEST NUMBER : 4S0006
RUN NUMBER : R3-1
DRIVER NUMBER : 01
COURSE LEG : 2
START DISTANCE = 120.0100 MILES
END DISTANCE = 133.9981 MILES
NUMBER OF SAMPLES = 2667

MEAN VELOCITY = 46.99117
VELOCITY STANDARD DEVIATION = 14.96702

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03854
ABSOLUTE STANDARD DEVIATION = .04346
NUMBER OF SAMPLES = 2667.

POSITIVE WITH ZEROS MEAN = .02886
POSITIVE WITH ZEROS STANDARD DEVIATION = .03187
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1667

NEGATIVE WITH ZEROS MEAN = -.03986
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05855
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.33
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1372.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04382
ABSOLUTE STANDARD DEVIATION = .04404
NUMBER OF SAMPLES = 2667.

POSITIVE WITH ZEROS MEAN = .03887
POSITIVE WITH ZEROS STANDARD DEVIATION = .04906
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .25
NUMBER OF POSITIVE AND ZERO SAMPLES = 1747.

NEGATIVE WITH ZEROS MEAN = -.03909
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06110
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.28
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1252.

TEST NUMBER : 450006
RUN NUMBER : R5-1
DRIVER NUMBER : 01
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 134.0000 MILES
NUMBER OF SAMPLES = 2553

MEAN VELOCITY = 49.40194
VELOCITY STANDARD DEVIATION = 11.31403

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03600
ABSOLUTE STANDARD DEVIATION = .04154
NUMBER OF SAMPLES = 2553.

POSITIVE WITH ZEROS MEAN = .02692
POSITIVE WITH ZEROS STANDARD DEVIATION = .03198
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 1669

NEGATIVE WITH ZEROS MEAN = -.03826
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05518
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1228.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03847
ABSOLUTE STANDARD DEVIATION = .04372
NUMBER OF SAMPLES = 2553.

POSITIVE WITH ZEROS MEAN = .03536
POSITIVE WITH ZEROS STANDARD DEVIATION = .04888
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .23
NUMBER OF POSITIVE AND ZERO SAMPLES = 1482.

NEGATIVE WITH ZEROS MEAN = -.03227
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05477
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1420.

TEST NUMBER : 480006
RUN NUMBER : R7-1
DRIVER NUMBER : 01
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 133.9966 MILES
NUMBER OF SAMPLES = 2448

MEAN VELOCITY = 51.51519
VELOCITY STANDARD DEVIATION = 6.90091

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03422
ABSOLUTE STANDARD DEVIATION = .04127
NUMBER OF SAMPLES = 2448.

POSITIVE WITH ZEROS MEAN = .02650
POSITIVE WITH ZEROS STANDARD DEVIATION = .03354
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .19
NUMBER OF POSITIVE AND ZERO SAMPLES = 1558

NEGATIVE WITH ZEROS MEAN = -.03356
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05497
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1266.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04475
ABSOLUTE STANDARD DEVIATION = .04539
NUMBER OF SAMPLES = 2448.

POSITIVE WITH ZEROS MEAN = .04125
POSITIVE WITH ZEROS STANDARD DEVIATION = .05287
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .30
NUMBER OF POSITIVE AND ZERO SAMPLES = 1322.

NEGATIVE WITH ZEROS MEAN = -.04095
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05846
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.30
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1347.

TEST NUMBER : 4S0006
RUN NUMBER : R1-1
DRIVER NUMBER : 01
COURSE LEG : 3
START DISTANCE = 271.4600 MILES
END DISTANCE = 284.9986 MILES
NUMBER OF SAMPLES = 2275

MEAN VELOCITY = 51.90224
VELOCITY STANDARD DEVIATION = 10.17775

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02150
ABSOLUTE STANDARD DEVIATION = .04181
NUMBER OF SAMPLES = 2275.

POSITIVE WITH ZEROS MEAN = .01433
POSITIVE WITH ZEROS STANDARD DEVIATION = .03881
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 2025

NEGATIVE WITH ZEROS MEAN = -.02084
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08085
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.33
NUMBER OF NEGATIVE AND ZERO SAMPLES = 955.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01676
ABSOLUTE STANDARD DEVIATION = .02260
NUMBER OF SAMPLES = 2275.

POSITIVE WITH ZEROS MEAN = .01429
POSITIVE WITH ZEROS STANDARD DEVIATION = .06201
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .27
NUMBER OF POSITIVE AND ZERO SAMPLES = 1780.

NEGATIVE WITH ZEROS MEAN = -.01058
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07585
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1199.

TEST NUMBER : 4S0006
RUN NUMBER : R3-1
DRIVER NUMBER : 01
COURSE LEG : 3
START DISTANCE = 270.9986 MILES
END DISTANCE = 285.0000 MILES
NUMBER OF SAMPLES = 2382

MEAN VELOCITY = 52.78291
VELOCITY STANDARD DEVIATION = 9.48291

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02399
ABSOLUTE STANDARD DEVIATION = .04773
NUMBER OF SAMPLES = 2382.

POSITIVE WITH ZEROS MEAN = .01702
POSITIVE WITH ZEROS STANDARD DEVIATION = .03275
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .25
NUMBER OF POSITIVE AND ZERO SAMPLES = 2041

NEGATIVE WITH ZEROS MEAN = -.01634
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05160
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.35
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1372.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02044
ABSOLUTE STANDARD DEVIATION = .02893
NUMBER OF SAMPLES = 2382.

POSITIVE WITH ZEROS MEAN = .01581
POSITIVE WITH ZEROS STANDARD DEVIATION = .02889
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .37
NUMBER OF POSITIVE AND ZERO SAMPLES = 1663.

NEGATIVE WITH ZEROS MEAN = -.01481
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02376
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1512.

TEST NUMBER : 4S0006
RUN NUMBER : R5-1
DRIVER NUMBER : 01
COURSE LEG : 3
START DISTANCE = 271.0100 MILES
END DISTANCE = 284.9986 MILES
NUMBER OF SAMPLES = 2374

MEAN VELOCITY = 52.53753
VELOCITY STANDARD DEVIATION = 9.50026

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02364
ABSOLUTE STANDARD DEVIATION = .04752
NUMBER OF SAMPLES = 2374.

POSITIVE WITH ZEROS MEAN = .01701
POSITIVE WITH ZEROS STANDARD DEVIATION = .04765
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 2109

NEGATIVE WITH ZEROS MEAN = -.01456
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08242
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.37
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1391.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01846
ABSOLUTE STANDARD DEVIATION = .02697
NUMBER OF SAMPLES = 2374.

POSITIVE WITH ZEROS MEAN = .01622
POSITIVE WITH ZEROS STANDARD DEVIATION = .06695
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .27
NUMBER OF POSITIVE AND ZERO SAMPLES = 1487.

NEGATIVE WITH ZEROS MEAN = -.01330
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06547
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1482.

TEST NUMBER : 4S0006
RUN NUMBER : R7-1
DRIVER NUMBER : 01
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 285.0000 MILES
NUMBER OF SAMPLES = 2406

MEAN VELOCITY = 52.47095
VELOCITY STANDARD DEVIATION = 8.94988

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02069
ABSOLUTE STANDARD DEVIATION = .04504
NUMBER OF SAMPLES = 2406.

POSITIVE WITH ZEROS MEAN = .01388
POSITIVE WITH ZEROS STANDARD DEVIATION = .04770
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 1892

NEGATIVE WITH ZEROS MEAN = -.01652
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07933
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.36
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1423.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01881
ABSOLUTE STANDARD DEVIATION = .02259
NUMBER OF SAMPLES = 2406.

POSITIVE WITH ZEROS MEAN = .01548
POSITIVE WITH ZEROS STANDARD DEVIATION = .07098
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .27
NUMBER OF POSITIVE AND ZERO SAMPLES = 1348.

NEGATIVE WITH ZEROS MEAN = -.01625
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07007
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1500.

TEST NUMBER : 4S0006
RUN NUMBER : B11-1
DRIVER NUMBER : 01
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 339.9962 MILES
NUMBER OF SAMPLES = 2278

MEAN VELOCITY = 55.41975
VELOCITY STANDARD DEVIATION = 1.29312

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01687
ABSOLUTE STANDARD DEVIATION = .01943
NUMBER OF SAMPLES = 2278.

POSITIVE WITH ZEROS MEAN = .01190
POSITIVE WITH ZEROS STANDARD DEVIATION = .01519
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .11
NUMBER OF POSITIVE AND ZERO SAMPLES = 1633

NEGATIVE WITH ZEROS MEAN = -.01822
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02305
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.14
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1043.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02165
ABSOLUTE STANDARD DEVIATION = .02003
NUMBER OF SAMPLES = 2278.

POSITIVE WITH ZEROS MEAN = .01893
POSITIVE WITH ZEROS STANDARD DEVIATION = .01753
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 1846.

NEGATIVE WITH ZEROS MEAN = -.01736
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02466
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 828.

TEST NUMBER : 4S0006
RUN NUMBER : R3-1
DRIVER NUMBER : 01
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 339.9963 MILES
NUMBER OF SAMPLES = 2218

MEAN VELOCITY = 56.03258
VELOCITY STANDARD DEVIATION = 2.47811

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01678
ABSOLUTE STANDARD DEVIATION = .02440
NUMBER OF SAMPLES = 2218.

POSITIVE WITH ZEROS MEAN = .00988
POSITIVE WITH ZEROS STANDARD DEVIATION = .04359
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1687

NEGATIVE WITH ZEROS MEAN = -.01607
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06281
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1279.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02177
ABSOLUTE STANDARD DEVIATION = .02344
NUMBER OF SAMPLES = 2218.

POSITIVE WITH ZEROS MEAN = .01743
POSITIVE WITH ZEROS STANDARD DEVIATION = .04072
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1535.

NEGATIVE WITH ZEROS MEAN = -.01585
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03746
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1359.

TEST NUMBER : 450006
RUN NUMBER : R5-1
DRIVER NUMBER : 01
COURSE LEG : 4
START DISTANCE = 326.0077 MILES
END DISTANCE = 339.9968 MILES
NUMBER OF SAMPLES = 2278

MEAN VELOCITY = 55.37769
VELOCITY STANDARD DEVIATION = 1.20800

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01571
ABSOLUTE STANDARD DEVIATION = .02406
NUMBER OF SAMPLES = 2278.

POSITIVE WITH ZEROS MEAN = .01031
POSITIVE WITH ZEROS STANDARD DEVIATION = .05821
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .09
NUMBER OF POSITIVE AND ZERO SAMPLES = 1755

NEGATIVE WITH ZEROS MEAN = -.01303
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08861
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1358.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01806
ABSOLUTE STANDARD DEVIATION = .02095
NUMBER OF SAMPLES = 2278.

POSITIVE WITH ZEROS MEAN = .01466
POSITIVE WITH ZEROS STANDARD DEVIATION = .07571
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1330.

NEGATIVE WITH ZEROS MEAN = -.01543
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07149
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.16
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1403.

TEST NUMBER : 4S0006
RUN NUMBER : R7-1
DRIVER NUMBER : 01
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 339.9946 MILES
NUMBER OF SAMPLES = 2277

MEAN VELOCITY = 55.43358
VELOCITY STANDARD DEVIATION = 1.08705

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01698
ABSOLUTE STANDARD DEVIATION = .02163
NUMBER OF SAMPLES = 2277.

POSITIVE WITH ZEROS MEAN = .01129
POSITIVE WITH ZEROS STANDARD DEVIATION = .05891
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .12
NUMBER OF POSITIVE AND ZERO SAMPLES = 1468

NEGATIVE WITH ZEROS MEAN = -.01557
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08444
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1418.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02398
ABSOLUTE STANDARD DEVIATION = .02163
NUMBER OF SAMPLES = 2277.

POSITIVE WITH ZEROS MEAN = .01851
POSITIVE WITH ZEROS STANDARD DEVIATION = .08282
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .13
NUMBER OF POSITIVE AND ZERO SAMPLES = 1100.

NEGATIVE WITH ZEROS MEAN = -.02321
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07608
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1475.

TEST NUMBER : 480006
RUN NUMBER : BI2-1
DRIVER NUMBER : 03
COURSE LEG : 1
START DISTANCE = 6.0046 MILES
END DISTANCE = 19.9969 MILES
NUMBER OF SAMPLES = 2357

MEAN VELOCITY = 53.42831
VELOCITY STANDARD DEVIATION = 6.10693

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01273
ABSOLUTE STANDARD DEVIATION = .01326
NUMBER OF SAMPLES = 2357.

POSITIVE WITH ZEROS MEAN = .01081
POSITIVE WITH ZEROS STANDARD DEVIATION = .02022
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .07
NUMBER OF POSITIVE AND ZERO SAMPLES = 1974

NEGATIVE WITH ZEROS MEAN = -.01002
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03785
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 864.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01733
ABSOLUTE STANDARD DEVIATION = .02330
NUMBER OF SAMPLES = 2357.

POSITIVE WITH ZEROS MEAN = .01109
POSITIVE WITH ZEROS STANDARD DEVIATION = .03016
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .13
NUMBER OF POSITIVE AND ZERO SAMPLES = 1613.

NEGATIVE WITH ZEROS MEAN = -.01530
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03897
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1500.

TEST NUMBER : 4S0006
RUN NUMBER : R2-1
DRIVER NUMBER : 03
COURSE LEG : 1
START DISTANCE = 6.0056 MILES
END DISTANCE = 19.9943 MILES
NUMBER OF SAMPLES = 2285

MEAN VELOCITY = 54.01990
VELOCITY STANDARD DEVIATION = 6.32759

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01262
ABSOLUTE STANDARD DEVIATION = .01116
NUMBER OF SAMPLES = 2285.

POSITIVE WITH ZEROS MEAN = .01121
POSITIVE WITH ZEROS STANDARD DEVIATION = .00941
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .06
NUMBER OF POSITIVE AND ZERO SAMPLES = 2004

NEGATIVE WITH ZEROS MEAN = -.00871
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01497
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.10
NUMBER OF NEGATIVE AND ZERO SAMPLES = 731.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01731
ABSOLUTE STANDARD DEVIATION = .02858
NUMBER OF SAMPLES = 2285.

POSITIVE WITH ZEROS MEAN = .01145
POSITIVE WITH ZEROS STANDARD DEVIATION = .01994
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1872.

NEGATIVE WITH ZEROS MEAN = -.01189
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02972
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1524.

TEST NUMBER : 480006
RUN NUMBER : R6-1
DRIVER NUMBER : 03
COURSE LEG : 1
START DISTANCE = 6.0021 MILES
END DISTANCE = 19.9984 MILES
NUMBER OF SAMPLES = 2307

MEAN VELOCITY = 54.26017
VELOCITY STANDARD DEVIATION = 6.25845

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01294
ABSOLUTE STANDARD DEVIATION = .01211
NUMBER OF SAMPLES = 2307.

POSITIVE WITH ZEROS MEAN = .01147
POSITIVE WITH ZEROS STANDARD DEVIATION = .00955
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .06
NUMBER OF POSITIVE AND ZERO SAMPLES = 1891

NEGATIVE WITH ZEROS MEAN = -.00921
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01606
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.11
NUMBER OF NEGATIVE AND ZERO SAMPLES = 887.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01601
ABSOLUTE STANDARD DEVIATION = .02673
NUMBER OF SAMPLES = 2307.

POSITIVE WITH ZEROS MEAN = .01134
POSITIVE WITH ZEROS STANDARD DEVIATION = .02116
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 1496.

NEGATIVE WITH ZEROS MEAN = -.01197
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02612
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.23
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1668.

TEST NUMBER ; 4S0006
RUN NUMBER ; R8-1
DRIVER NUMBER ; 03
COURSE LEG ; 1
START DISTANCE = 6.0022 MILES
END DISTANCE = 19.9990 MILES
NUMBER OF SAMPLES = 2350

MEAN VELOCITY = 53.39444
VELOCITY STANDARD DEVIATION = 5.96074

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01478
ABSOLUTE STANDARD DEVIATION = .01283
NUMBER OF SAMPLES = 2350.

POSITIVE WITH ZEROS MEAN = .01345
POSITIVE WITH ZEROS STANDARD DEVIATION = .01074
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .06
NUMBER OF POSITIVE AND ZERO SAMPLES = 1866

NEGATIVE WITH ZEROS MEAN = -.01158
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01684
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.12
NUMBER OF NEGATIVE AND ZERO SAMPLES = 833.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02009
ABSOLUTE STANDARD DEVIATION = .02802
NUMBER OF SAMPLES = 2350.

POSITIVE WITH ZEROS MEAN = .01476
POSITIVE WITH ZEROS STANDARD DEVIATION = .02119
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1731.

NEGATIVE WITH ZEROS MEAN = -.01584
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03079
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.23
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1368.

TEST NUMBER : 4S0006
RUN NUMBER : BI2-1
DRIVER NUMBER : 03
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 133.9960 MILES
NUMBER OF SAMPLES = 2673

MEAN VELOCITY = 46.86925
VELOCITY STANDARD DEVIATION = 13.36867

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02889
ABSOLUTE STANDARD DEVIATION = .03242
NUMBER OF SAMPLES = 2673.

POSITIVE WITH ZEROS MEAN = .02324
POSITIVE WITH ZEROS STANDARD DEVIATION = .02536
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 1777

NEGATIVE WITH ZEROS MEAN = -.02828
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03891
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1270.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03738
ABSOLUTE STANDARD DEVIATION = .04267
NUMBER OF SAMPLES = 2673.

POSITIVE WITH ZEROS MEAN = .03134
POSITIVE WITH ZEROS STANDARD DEVIATION = .03764
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .32
NUMBER OF POSITIVE AND ZERO SAMPLES = 1847.

NEGATIVE WITH ZEROS MEAN = -.03559
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04761
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.28
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1181.

TEST NUMBER : 4S0006
RUN NUMBER : R2-1
DRIVER NUMBER : 03
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 133.9981 MILES
NUMBER OF SAMPLES = 2382

MEAN VELOCITY = 52.06257
VELOCITY STANDARD DEVIATION = 6.93216

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02754
ABSOLUTE STANDARD DEVIATION = .03271
NUMBER OF SAMPLES = 2382.

POSITIVE WITH ZEROS MEAN = .02199
POSITIVE WITH ZEROS STANDARD DEVIATION = .02989
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 1700

NEGATIVE WITH ZEROS MEAN = -.02676
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04256
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1054.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04030
ABSOLUTE STANDARD DEVIATION = .04555
NUMBER OF SAMPLES = 2382.

POSITIVE WITH ZEROS MEAN = .03421
POSITIVE WITH ZEROS STANDARD DEVIATION = .04911
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .28
NUMBER OF POSITIVE AND ZERO SAMPLES = 1646.

NEGATIVE WITH ZEROS MEAN = -.03185
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05809
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.26
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1246.

TEST NUMBER : 4S0006
RUN NUMBER : R4-1
DRIVER NUMBER : 03
COURSE LEG : 2
START DISTANCE = 119.9995 MILES
END DISTANCE = 134.0000 MILES
NUMBER OF SAMPLES = 2430

MEAN VELOCITY = 50.65404
VELOCITY STANDARD DEVIATION = 10.92417

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02867
ABSOLUTE STANDARD DEVIATION = .03167
NUMBER OF SAMPLES = 2430.

POSITIVE WITH ZEROS MEAN = .02299
POSITIVE WITH ZEROS STANDARD DEVIATION = .02506
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .18
NUMBER OF POSITIVE AND ZERO SAMPLES = 1637

NEGATIVE WITH ZEROS MEAN = -.02754
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03778
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1163.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04181
ABSOLUTE STANDARD DEVIATION = .04558
NUMBER OF SAMPLES = 2430.

POSITIVE WITH ZEROS MEAN = .03728
POSITIVE WITH ZEROS STANDARD DEVIATION = .04284
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .32
NUMBER OF POSITIVE AND ZERO SAMPLES = 1551.

NEGATIVE WITH ZEROS MEAN = -.03770
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04773
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.26
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1161.

TEST NUMBER : 4S0006
RUN NUMBER : R6-1
DRIVER NUMBER : 03
COURSE LEG : 2
START DISTANCE = 119.9983 MILES
END DISTANCE = 133.9962 MILES
NUMBER OF SAMPLES = 2462

MEAN VELOCITY = 49.96644
VELOCITY STANDARD DEVIATION = 9.19828

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03003
ABSOLUTE STANDARD DEVIATION = .03409
NUMBER OF SAMPLES = 2462.

POSITIVE WITH ZEROS MEAN = .02374
POSITIVE WITH ZEROS STANDARD DEVIATION = .03098
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .20
NUMBER OF POSITIVE AND ZERO SAMPLES = 1649

NEGATIVE WITH ZEROS MEAN = -.02870
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04354
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1212.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03453
ABSOLUTE STANDARD DEVIATION = .03997
NUMBER OF SAMPLES = 2462.

POSITIVE WITH ZEROS MEAN = .03268
POSITIVE WITH ZEROS STANDARD DEVIATION = .04580
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .29
NUMBER OF POSITIVE AND ZERO SAMPLES = 1489.

NEGATIVE WITH ZEROS MEAN = -.02735
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05059
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.26
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1329.

TEST NUMBER : 4S0006
RUN NUMBER : R8-1
DRIVER NUMBER : 03
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 134.0000 MILES
NUMBER OF SAMPLES = 2429

MEAN VELOCITY = 50.91082
VELOCITY STANDARD DEVIATION = 7.64599

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03283
ABSOLUTE STANDARD DEVIATION = .04102
NUMBER OF SAMPLES = 2429.

POSITIVE WITH ZEROS MEAN = .02587
POSITIVE WITH ZEROS STANDARD DEVIATION = .03284
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 1680

NEGATIVE WITH ZEROS MEAN = -.03478
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05718
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.33
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1043.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03983
ABSOLUTE STANDARD DEVIATION = .04181
NUMBER OF SAMPLES = 2429.

POSITIVE WITH ZEROS MEAN = .03061
POSITIVE WITH ZEROS STANDARD DEVIATION = .04887
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .20
NUMBER OF POSITIVE AND ZERO SAMPLES = 1149.

NEGATIVE WITH ZEROS MEAN = -.03805
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05408
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.24
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1618.

TEST NUMBER : 490006
RUN NUMBER : BI2-1
DRIVER NUMBER : 03
COURSE LEG : 3
START DISTANCE = 270.9976 MILES
END DISTANCE = 285.0000 MILES
NUMBER OF SAMPLES = 2389

MEAN VELOCITY = 52.42132
VELOCITY STANDARD DEVIATION = 10.22398

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02308
ABSOLUTE STANDARD DEVIATION = .03972
NUMBER OF SAMPLES = 2389.

POSITIVE WITH ZEROS MEAN = .01531
POSITIVE WITH ZEROS STANDARD DEVIATION = .02784
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .25
NUMBER OF POSITIVE AND ZERO SAMPLES = 2006

NEGATIVE WITH ZEROS MEAN = -.02725
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05122
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.24
NUMBER OF NEGATIVE AND ZERO SAMPLES = 897.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01448
ABSOLUTE STANDARD DEVIATION = .02174
NUMBER OF SAMPLES = 2389.

POSITIVE WITH ZEROS MEAN = .01144
POSITIVE WITH ZEROS STANDARD DEVIATION = .01916
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .26
NUMBER OF POSITIVE AND ZERO SAMPLES = 2010.

NEGATIVE WITH ZEROS MEAN = -.00870
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01992
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.20
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1332.

TEST NUMBER : 490006
 RUN NUMBER : R2-1
 DRIVER NUMBER : 03
 COURSE LEG : 3
 START DISTANCE = 271.0000 MILES
 END DISTANCE = 285.0000 MILES
 NUMBER OF SAMPLES = 2315

 MEAN VELOCITY = 53.53595
 VELOCITY STANDARD DEVIATION = 10.41330

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02181
 ABSOLUTE STANDARD DEVIATION = .04290
 NUMBER OF SAMPLES = 2315.

 POSITIVE WITH ZEROS MEAN = .01505
 POSITIVE WITH ZEROS STANDARD DEVIATION = .04600
 MAXIMUM POSITIVE SAMPLE WITH ZEROS = .25
 NUMBER OF POSITIVE AND ZERO SAMPLES = 2052

 NEGATIVE WITH ZEROS MEAN = -.01739
 NEGATIVE WITH ZEROS STANDARD DEVIATION = .06806
 MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
 NUMBER OF NEGATIVE AND ZERO SAMPLES = 1127.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01419
 ABSOLUTE STANDARD DEVIATION = .02432
 NUMBER OF SAMPLES = 2315.

 POSITIVE WITH ZEROS MEAN = .01103
 POSITIVE WITH ZEROS STANDARD DEVIATION = .05787
 MAXIMUM POSITIVE WITH ZEROS SAMPLE = .29
 NUMBER OF POSITIVE AND ZERO SAMPLES = 2016.

 NEGATIVE WITH ZEROS MEAN = -.00728
 NEGATIVE WITH ZEROS STANDARD DEVIATION = .06480
 MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
 NUMBER OF NEGATIVE AND ZERO SAMPLES = 1459.

TEST NUMBER : 480006
RUN NUMBER : R4-1
DRIVER NUMBER : 03
COURSE LEG : 3
START DISTANCE = 271.0078 MILES
END DISTANCE = 285.0000 MILES
NUMBER OF SAMPLES = 2338

MEAN VELOCITY = 52.86467
VELOCITY STANDARD DEVIATION = 10.52908

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02110
ABSOLUTE STANDARD DEVIATION = .03922
NUMBER OF SAMPLES = 2338.

POSITIVE WITH ZEROS MEAN = .01480
POSITIVE WITH ZEROS STANDARD DEVIATION = .04289
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .25
NUMBER OF POSITIVE AND ZERO SAMPLES = 2063

NEGATIVE WITH ZEROS MEAN = -.01946
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06798
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.28
NUMBER OF NEGATIVE AND ZERO SAMPLES = 966.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01777
ABSOLUTE STANDARD DEVIATION = .02218
NUMBER OF SAMPLES = 2338.

POSITIVE WITH ZEROS MEAN = .01544
POSITIVE WITH ZEROS STANDARD DEVIATION = .05572
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .26
NUMBER OF POSITIVE AND ZERO SAMPLES = 1847.

NEGATIVE WITH ZEROS MEAN = -.01225
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06757
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1063.

TEST NUMBER : 4S0006
RUN NUMBER : R6-1
DRIVER NUMBER : 03
COURSE LEG : 3
START DISTANCE = 270.9972 MILES
END DISTANCE = 284.9963 MILES
NUMBER OF SAMPLES = 2383

MEAN VELOCITY = 50.43644
VELOCITY STANDARD DEVIATION = 11.53517

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02423
ABSOLUTE STANDARD DEVIATION = .04394
NUMBER OF SAMPLES = 2383.

POSITIVE WITH ZEROS MEAN = .01653
POSITIVE WITH ZEROS STANDARD DEVIATION = .04692
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .25
NUMBER OF POSITIVE AND ZERO SAMPLES = 1970

NEGATIVE WITH ZEROS MEAN = -.02218
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07496
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.30
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1135.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01622
ABSOLUTE STANDARD DEVIATION = .02854
NUMBER OF SAMPLES = 2383.

POSITIVE WITH ZEROS MEAN = .01129
POSITIVE WITH ZEROS STANDARD DEVIATION = .05846
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .27
NUMBER OF POSITIVE AND ZERO SAMPLES = 1601.

NEGATIVE WITH ZEROS MEAN = -.01401
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06238
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.26
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1469.

TEST NUMBER : 450006
RUN NUMBER : R8-1
DRIVER NUMBER : 03
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 285.0000 MILES
NUMBER OF SAMPLES = 2401

MEAN VELOCITY = 52.57035
VELOCITY STANDARD DEVIATION = 10.35140

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02385
ABSOLUTE STANDARD DEVIATION = .04069
NUMBER OF SAMPLES = 2401.

POSITIVE WITH ZEROS MEAN = .01725
POSITIVE WITH ZEROS STANDARD DEVIATION = .03022
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .20
NUMBER OF POSITIVE AND ZERO SAMPLES = 1910

NEGATIVE WITH ZEROS MEAN = -.02163
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04719
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.24
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1125.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02404
ABSOLUTE STANDARD DEVIATION = .03314
NUMBER OF SAMPLES = 2401.

POSITIVE WITH ZEROS MEAN = .01732
POSITIVE WITH ZEROS STANDARD DEVIATION = .02391
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .29
NUMBER OF POSITIVE AND ZERO SAMPLES = 1501.

NEGATIVE WITH ZEROS MEAN = -.02333
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03813
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.38
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1360.

TEST NUMBER : 4S0006
RUN NUMBER : B12-1
DRIVER NUMBER : 03
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 339.9962 MILES
NUMBER OF SAMPLES = 2227

MEAN VELOCITY = 55.89033
VELOCITY STANDARD DEVIATION = 1.89790

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01741
ABSOLUTE STANDARD DEVIATION = .01973
NUMBER OF SAMPLES = 2227.

POSITIVE WITH ZEROS MEAN = .01293
POSITIVE WITH ZEROS STANDARD DEVIATION = .03835
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .12
NUMBER OF POSITIVE AND ZERO SAMPLES = 1660

NEGATIVE WITH ZEROS MEAN = -.01935
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06287
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 894.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01912
ABSOLUTE STANDARD DEVIATION = .02021
NUMBER OF SAMPLES = 2227.

POSITIVE WITH ZEROS MEAN = .01495
POSITIVE WITH ZEROS STANDARD DEVIATION = .02895
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .12
NUMBER OF POSITIVE AND ZERO SAMPLES = 1793.

NEGATIVE WITH ZEROS MEAN = -.01443
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03346
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1093.

TEST NUMBER : 4S0006
RUN NUMBER : R2-1
DRIVER NUMBER : 03
COURSE LEG : 4
START DISTANCE = 325.9990 MILES
END DISTANCE = 340.0000 MILES
NUMBER OF SAMPLES = 2254

MEAN VELOCITY = 55.92395
VELOCITY STANDARD DEVIATION = 1.73506

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01542
ABSOLUTE STANDARD DEVIATION = .01922
NUMBER OF SAMPLES = 2254.

POSITIVE WITH ZEROS MEAN = .01185
POSITIVE WITH ZEROS STANDARD DEVIATION = .05252
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1882

NEGATIVE WITH ZEROS MEAN = -.01349
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08141
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.16
NUMBER OF NEGATIVE AND ZERO SAMPLES = 923.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02060
ABSOLUTE STANDARD DEVIATION = .02111
NUMBER OF SAMPLES = 2254.

POSITIVE WITH ZEROS MEAN = .01735
POSITIVE WITH ZEROS STANDARD DEVIATION = .06428
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .13
NUMBER OF POSITIVE AND ZERO SAMPLES = 1851.

NEGATIVE WITH ZEROS MEAN = -.01306
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07856
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1097.

TEST NUMBER : 4S0006
 RUN NUMBER : R4-1
 DRIVER NUMBER : 03
 COURSE LEG : 4
 START DISTANCE = 326.0000 MILES
 END DISTANCE = 339.9959 MILES
 NUMBER OF SAMPLES = 2226

 MEAN VELOCITY = 55.87010
 VELOCITY STANDARD DEVIATION = 3.59470

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01728
 ABSOLUTE STANDARD DEVIATION = .02216
 NUMBER OF SAMPLES = 2226.

 POSITIVE WITH ZEROS MEAN = .01403
 POSITIVE WITH ZEROS STANDARD DEVIATION = .05214
 MAXIMUM POSITIVE SAMPLE WITH ZEROS = .12
 NUMBER OF POSITIVE AND ZERO SAMPLES = 1809

 NEGATIVE WITH ZEROS MEAN = -.01451
 NEGATIVE WITH ZEROS STANDARD DEVIATION = .07717
 MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.12
 NUMBER OF NEGATIVE AND ZERO SAMPLES = 902.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02165
 ABSOLUTE STANDARD DEVIATION = .01964
 NUMBER OF SAMPLES = 2226.

 POSITIVE WITH ZEROS MEAN = .01864
 POSITIVE WITH ZEROS STANDARD DEVIATION = .06309
 MAXIMUM POSITIVE WITH ZEROS SAMPLE = .13
 NUMBER OF POSITIVE AND ZERO SAMPLES = 1687.

 NEGATIVE WITH ZEROS MEAN = -.01822
 NEGATIVE WITH ZEROS STANDARD DEVIATION = .07727
 MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
 NUMBER OF NEGATIVE AND ZERO SAMPLES = 919.

TEST NUMBER : 4S0006
 RUN NUMBER : R6-1
 DRIVER NUMBER : 03
 COURSE LEG : 4
 START DISTANCE = 326.0000 MILES
 END DISTANCE = 339.9969 MILES
 NUMBER OF SAMPLES = 2256

 MEAN VELOCITY = 55.66080
 VELOCITY STANDARD DEVIATION = 1.90200

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01465
 ABSOLUTE STANDARD DEVIATION = .02072
 NUMBER OF SAMPLES = 2256.

 POSITIVE WITH ZEROS MEAN = .01099
 POSITIVE WITH ZEROS STANDARD DEVIATION = .05476
 MAXIMUM POSITIVE SAMPLE WITH ZEROS = .11
 NUMBER OF POSITIVE AND ZERO SAMPLES = 1766

 NEGATIVE WITH ZEROS MEAN = -.01249
 NEGATIVE WITH ZEROS STANDARD DEVIATION = .08331
 MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
 NUMBER OF NEGATIVE AND ZERO SAMPLES = 1093.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01625
 ABSOLUTE STANDARD DEVIATION = .01873
 NUMBER OF SAMPLES = 2256.

 POSITIVE WITH ZEROS MEAN = .01275
 POSITIVE WITH ZEROS STANDARD DEVIATION = .06629
 MAXIMUM POSITIVE WITH ZEROS SAMPLE = .12
 NUMBER OF POSITIVE AND ZERO SAMPLES = 1389.

 NEGATIVE WITH ZEROS MEAN = -.01320
 NEGATIVE WITH ZEROS STANDARD DEVIATION = .06724
 MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.16
 NUMBER OF NEGATIVE AND ZERO SAMPLES = 1435.

TEST NUMBER : 4S0006
RUN NUMBER : R8-1
DRIVER NUMBER : 03
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 339.9963 MILES
NUMBER OF SAMPLES = 2234

MEAN VELOCITY = 55.77930
VELOCITY STANDARD DEVIATION = 1.65805

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01567
ABSOLUTE STANDARD DEVIATION = .01972
NUMBER OF SAMPLES = 2234.

POSITIVE WITH ZEROS MEAN = .01170
POSITIVE WITH ZEROS STANDARD DEVIATION = .04474
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .12
NUMBER OF POSITIVE AND ZERO SAMPLES = 1688

NEGATIVE WITH ZEROS MEAN = -.01319
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06718
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.14
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1156.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02271
ABSOLUTE STANDARD DEVIATION = .02022
NUMBER OF SAMPLES = 2234.

POSITIVE WITH ZEROS MEAN = .02047
POSITIVE WITH ZEROS STANDARD DEVIATION = .05359
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .13
NUMBER OF POSITIVE AND ZERO SAMPLES = 1526.

NEGATIVE WITH ZEROS MEAN = -.01931
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08656
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1010.

TEST NUMBER : 430006
RUN NUMBER : B11-2
DRIVER NUMBER : 04
COURSE LEG : 1
START DISTANCE = 6.0004 MILES
END DISTANCE = 19.9993 MILES
NUMBER OF SAMPLES = 2333

MEAN VELOCITY = 53.98754
VELOCITY STANDARD DEVIATION = 5.31499

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01215
ABSOLUTE STANDARD DEVIATION = .01502
NUMBER OF SAMPLES = 2333.

POSITIVE WITH ZEROS MEAN = .01034
POSITIVE WITH ZEROS STANDARD DEVIATION = .00837
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .07
NUMBER OF POSITIVE AND ZERO SAMPLES = 2029

NEGATIVE WITH ZEROS MEAN = -.01132
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02566
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.28
NUMBER OF NEGATIVE AND ZERO SAMPLES = 652.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02132
ABSOLUTE STANDARD DEVIATION = .02926
NUMBER OF SAMPLES = 2333.

POSITIVE WITH ZEROS MEAN = .01635
POSITIVE WITH ZEROS STANDARD DEVIATION = .02153
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 2009.

NEGATIVE WITH ZEROS MEAN = -.01890
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03771
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 894.

TEST NUMBER : 4S0006
RUN NUMBER : R5-2
DRIVER NUMBER : 04
COURSE LEG : 1
START DISTANCE = 6.0025 MILES
END DISTANCE = 20.0000 MILES
NUMBER OF SAMPLES = 2331

MEAN VELOCITY = 54.06920
VELOCITY STANDARD DEVIATION = 5.04303

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01154
ABSOLUTE STANDARD DEVIATION = .01503
NUMBER OF SAMPLES = 2331.

POSITIVE WITH ZEROS MEAN = .01023
POSITIVE WITH ZEROS STANDARD DEVIATION = .01007
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .06
NUMBER OF POSITIVE AND ZERO SAMPLES = 2058

NEGATIVE WITH ZEROS MEAN = -.00684
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02090
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 854.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01829
ABSOLUTE STANDARD DEVIATION = .02781
NUMBER OF SAMPLES = 2331.

POSITIVE WITH ZEROS MEAN = .01474
POSITIVE WITH ZEROS STANDARD DEVIATION = .02440
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .19
NUMBER OF POSITIVE AND ZERO SAMPLES = 1235.

NEGATIVE WITH ZEROS MEAN = -.01438
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02689
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.28
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1698.

TEST NUMBER : 4S0006
RUN NUMBER : R7-2
DRIVER NUMBER : 04
COURSE LEG : 1
START DISTANCE = 6.0019 MILES
END DISTANCE = 17.8738 MILES
NUMBER OF SAMPLES = 1965

MEAN VELOCITY = 54.40261
VELOCITY STANDARD DEVIATION = 4.35855

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01211
ABSOLUTE STANDARD DEVIATION = .01307
NUMBER OF SAMPLES = 1965.

POSITIVE WITH ZEROS MEAN = .01059
POSITIVE WITH ZEROS STANDARD DEVIATION = .04587
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .06
NUMBER OF POSITIVE AND ZERO SAMPLES = 1645

NEGATIVE WITH ZEROS MEAN = -.00945
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08386
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 674.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02230
ABSOLUTE STANDARD DEVIATION = .02763
NUMBER OF SAMPLES = 1965.

POSITIVE WITH ZEROS MEAN = .01683
POSITIVE WITH ZEROS STANDARD DEVIATION = .04904
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1146.

NEGATIVE WITH ZEROS MEAN = -.02016
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04348
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.27
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1216.

TEST NUMBER : 480006
RUN NUMBER : B11-2
DRIVER NUMBER : 04
COURSE LEG : 2
START DISTANCE = 119.9960 MILES
END DISTANCE = 134.0000 MILES
NUMBER OF SAMPLES = 2571

MEAN VELOCITY = 48.67611
VELOCITY STANDARD DEVIATION = 9.00633

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03205
ABSOLUTE STANDARD DEVIATION = .03754
NUMBER OF SAMPLES = 2571.

POSITIVE WITH ZEROS MEAN = .02441
POSITIVE WITH ZEROS STANDARD DEVIATION = .02621
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 1676

NEGATIVE WITH ZEROS MEAN = -.03406
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04711
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1218.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03931
ABSOLUTE STANDARD DEVIATION = .04293
NUMBER OF SAMPLES = 2571.

POSITIVE WITH ZEROS MEAN = .03373
POSITIVE WITH ZEROS STANDARD DEVIATION = .03942
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .35
NUMBER OF POSITIVE AND ZERO SAMPLES = 1828.

NEGATIVE WITH ZEROS MEAN = -.03441
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04612
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1145.

TEST NUMBER : 4S0006
RUN NUMBER : R1-2
DRIVER NUMBER : 04
COURSE LEG : 2
START DISTANCE = 120.0089 MILES
END DISTANCE = 133.9961 MILES
NUMBER OF SAMPLES = 2392

MEAN VELOCITY = 51.34388
VELOCITY STANDARD DEVIATION = 6.59034

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02900
ABSOLUTE STANDARD DEVIATION = .03808
NUMBER OF SAMPLES = 2392.

POSITIVE WITH ZEROS MEAN = .02223
POSITIVE WITH ZEROS STANDARD DEVIATION = .02836
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 1818

NEGATIVE WITH ZEROS MEAN = -.03000
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04832
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.30
NUMBER OF NEGATIVE AND ZERO SAMPLES = 965.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04182
ABSOLUTE STANDARD DEVIATION = .04680
NUMBER OF SAMPLES = 2392.

POSITIVE WITH ZEROS MEAN = .03654
POSITIVE WITH ZEROS STANDARD DEVIATION = .04318
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .35
NUMBER OF POSITIVE AND ZERO SAMPLES = 1564.

NEGATIVE WITH ZEROS MEAN = -.03569
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04903
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1202.

TEST NUMBER : 480006
RUN NUMBER : R3-2
DRIVER NUMBER : 04
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 133.9987 MILES
NUMBER OF SAMPLES = 2559

MEAN VELOCITY = 49.20603
VELOCITY STANDARD DEVIATION = 11.59302

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03277
ABSOLUTE STANDARD DEVIATION = .04024
NUMBER OF SAMPLES = 2559.

POSITIVE WITH ZEROS MEAN = .02527
POSITIVE WITH ZEROS STANDARD DEVIATION = .03464
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 1602

NEGATIVE WITH ZEROS MEAN = -.02938
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04900
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.27
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1476.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04168
ABSOLUTE STANDARD DEVIATION = .04381
NUMBER OF SAMPLES = 2559.

POSITIVE WITH ZEROS MEAN = .03625
POSITIVE WITH ZEROS STANDARD DEVIATION = .05104
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .31
NUMBER OF POSITIVE AND ZERO SAMPLES = 1705.

NEGATIVE WITH ZEROS MEAN = -.03632
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05767
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.28
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1235.

TEST NUMBER : 4S0006
RUN NUMBER : R5-2
DRIVER NUMBER : 04
COURSE LEG : 2
START DISTANCE = 120.0100 MILES
END DISTANCE = 133.9959 MILES
NUMBER OF SAMPLES = 2473

MEAN VELOCITY = 50.49914
VELOCITY STANDARD DEVIATION = 8.74175

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03534
ABSOLUTE STANDARD DEVIATION = .04754
NUMBER OF SAMPLES = 2473.

POSITIVE WITH ZEROS MEAN = .02657
POSITIVE WITH ZEROS STANDARD DEVIATION = .03673
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .27
NUMBER OF POSITIVE AND ZERO SAMPLES = 1692

NEGATIVE WITH ZEROS MEAN = -.03419
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06080
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.36
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1241.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03758
ABSOLUTE STANDARD DEVIATION = .04430
NUMBER OF SAMPLES = 2473.

POSITIVE WITH ZEROS MEAN = .03672
POSITIVE WITH ZEROS STANDARD DEVIATION = .05001
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .38
NUMBER OF POSITIVE AND ZERO SAMPLES = 1465.

NEGATIVE WITH ZEROS MEAN = -.03005
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05622
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1302.

TEST NUMBER : 4S0006
RUN NUMBER : R7-2
DRIVER NUMBER : 04
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 132.5779 MILES
NUMBER OF SAMPLES = 2205

MEAN VELOCITY = 51.33823
VELOCITY STANDARD DEVIATION = 7.91324

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03414
ABSOLUTE STANDARD DEVIATION = .03953
NUMBER OF SAMPLES = 2205.

POSITIVE WITH ZEROS MEAN = .02707
POSITIVE WITH ZEROS STANDARD DEVIATION = .05921
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .20
NUMBER OF POSITIVE AND ZERO SAMPLES = 1419

NEGATIVE WITH ZEROS MEAN = -.03322
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08065
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1110.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04370
ABSOLUTE STANDARD DEVIATION = .04782
NUMBER OF SAMPLES = 2205.

POSITIVE WITH ZEROS MEAN = .04140
POSITIVE WITH ZEROS STANDARD DEVIATION = .06909
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .37
NUMBER OF POSITIVE AND ZERO SAMPLES = 1225.

NEGATIVE WITH ZEROS MEAN = -.03826
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06751
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1193.

TEST NUMBER : 4S0006
RUN NUMBER : B11-λ
DRIVER NUMBER : 04
COURSE LEG : 3
START DISTANCE = 271.0079 MILES
END DISTANCE = 284.9962 MILES
NUMBER OF SAMPLES = 2459

MEAN VELOCITY = 50.57550
VELOCITY STANDARD DEVIATION = 11.32777

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02365
ABSOLUTE STANDARD DEVIATION = .04723
NUMBER OF SAMPLES = 2459.

POSITIVE WITH ZEROS MEAN = .01531
POSITIVE WITH ZEROS STANDARD DEVIATION = .02956
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 2135

NEGATIVE WITH ZEROS MEAN = -.02246
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05884
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1134.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01634
ABSOLUTE STANDARD DEVIATION = .02239
NUMBER OF SAMPLES = 2459.

POSITIVE WITH ZEROS MEAN = .01453
POSITIVE WITH ZEROS STANDARD DEVIATION = .02047
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .35
NUMBER OF POSITIVE AND ZERO SAMPLES = 2181.

NEGATIVE WITH ZEROS MEAN = -.00823
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02080
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1029.

TEST NUMBER : 4S0006
RUN NUMBER : R1-2
DRIVER NUMBER : 04
COURSE LEG : 3
START DISTANCE = 271.0079 MILES
END DISTANCE = 284.9984 MILES
NUMBER OF SAMPLES = 2471

MEAN VELOCITY = 50.84002
VELOCITY STANDARD DEVIATION = 11.50517

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02548
ABSOLUTE STANDARD DEVIATION = .04662
NUMBER OF SAMPLES = 2471.

POSITIVE WITH ZEROS MEAN = .01766
POSITIVE WITH ZEROS STANDARD DEVIATION = .04512
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 2251

NEGATIVE WITH ZEROS MEAN = -.03427
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09710
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.36
NUMBER OF NEGATIVE AND ZERO SAMPLES = 677.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01442
ABSOLUTE STANDARD DEVIATION = .02306
NUMBER OF SAMPLES = 2471.

POSITIVE WITH ZEROS MEAN = .01143
POSITIVE WITH ZEROS STANDARD DEVIATION = .05291
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .28
NUMBER OF POSITIVE AND ZERO SAMPLES = 2099.

NEGATIVE WITH ZEROS MEAN = -.00786
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05818
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1481.

TEST NUMBER : 490006
RUN NUMBER : R3-2
DRIVER NUMBER : 04
COURSE LEG : 3
START DISTANCE = 271.0077 MILES
END DISTANCE = 284.9962 MILES
NUMBER OF SAMPLES = 2417

MEAN VELOCITY = 52.14624
VELOCITY STANDARD DEVIATION = 10.57385

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01860
ABSOLUTE STANDARD DEVIATION = .04290
NUMBER OF SAMPLES = 2417.

POSITIVE WITH ZEROS MEAN = .01164
POSITIVE WITH ZEROS STANDARD DEVIATION = .04681
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 2128

NEGATIVE WITH ZEROS MEAN = -.01367
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07280
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1476.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01662
ABSOLUTE STANDARD DEVIATION = .02397
NUMBER OF SAMPLES = 2417.

POSITIVE WITH ZEROS MEAN = .01099
POSITIVE WITH ZEROS STANDARD DEVIATION = .06573
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .30
NUMBER OF POSITIVE AND ZERO SAMPLES = 1724.

NEGATIVE WITH ZEROS MEAN = -.01224
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06147
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1736.

TEST NUMBER : 4S0006
RUN NUMBER : R5-2
DRIVER NUMBER : 04
COURSE LEG : 3
START DISTANCE = 271.0049 MILES
END DISTANCE = 284.9984 MILES
NUMBER OF SAMPLES = 2462

MEAN VELOCITY = 51.04457
VELOCITY STANDARD DEVIATION = 10.12482

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02387
ABSOLUTE STANDARD DEVIATION = .04537
NUMBER OF SAMPLES = 2462.

POSITIVE WITH ZEROS MEAN = .01607
POSITIVE WITH ZEROS STANDARD DEVIATION = .03195
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 2097

NEGATIVE WITH ZEROS MEAN = -.01921
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05035
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.28
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1305.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01438
ABSOLUTE STANDARD DEVIATION = .02122
NUMBER OF SAMPLES = 2462.

POSITIVE WITH ZEROS MEAN = .01292
POSITIVE WITH ZEROS STANDARD DEVIATION = .02274
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .31
NUMBER OF POSITIVE AND ZERO SAMPLES = 1725.

NEGATIVE WITH ZEROS MEAN = -.00960
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01511
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1367.

TEST NUMBER : 490006
RUN NUMBER : R7-2
DRIVER NUMBER : 04
COURSE LEG : 3
START DISTANCE = 270.9973 MILES
END DISTANCE = 284.9992 MILES
NUMBER OF SAMPLES = 2510

MEAN VELOCITY = 50.25145
VELOCITY STANDARD DEVIATION = 13.24025

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02592
ABSOLUTE STANDARD DEVIATION = .05004
NUMBER OF SAMPLES = 2510.

POSITIVE WITH ZEROS MEAN = .01652
POSITIVE WITH ZEROS STANDARD DEVIATION = .06302
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 2103

NEGATIVE WITH ZEROS MEAN = -.02219
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09690
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1367.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02129
ABSOLUTE STANDARD DEVIATION = .03190
NUMBER OF SAMPLES = 2510.

POSITIVE WITH ZEROS MEAN = .01524
POSITIVE WITH ZEROS STANDARD DEVIATION = .07832
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .30
NUMBER OF POSITIVE AND ZERO SAMPLES = 1505.

NEGATIVE WITH ZEROS MEAN = -.01888
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07323
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.30
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1616.

TEST NUMBER : 4S0006
RUN NUMBER : B11-2
DRIVER NUMBER : 04
COURSE LEG : 4
START DISTANCE = 325.9980 MILES
END DISTANCE = 339.9984 MILES
NUMBER OF SAMPLES = 2277

MEAN VELOCITY = 54.86976
VELOCITY STANDARD DEVIATION = 1.79108

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01509
ABSOLUTE STANDARD DEVIATION = .02137
NUMBER OF SAMPLES = 2277.

POSITIVE WITH ZEROS MEAN = .01058
POSITIVE WITH ZEROS STANDARD DEVIATION = .01586
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1764

NEGATIVE WITH ZEROS MEAN = -.01445
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02522
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1086.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02175
ABSOLUTE STANDARD DEVIATION = .02036
NUMBER OF SAMPLES = 2277.

POSITIVE WITH ZEROS MEAN = .01928
POSITIVE WITH ZEROS STANDARD DEVIATION = .01807
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .13
NUMBER OF POSITIVE AND ZERO SAMPLES = 1893.

NEGATIVE WITH ZEROS MEAN = -.01543
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02430
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 845.

TEST NUMBER : 4S0006
RUN NUMBER : R1-2
DRIVER NUMBER : 04
COURSE LEG : 4
START DISTANCE = 326.0100 MILES
END DISTANCE = 339.9963 MILES
NUMBER OF SAMPLES = 2162

MEAN VELOCITY = 55.39333
VELOCITY STANDARD DEVIATION = 1.49125

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02093
ABSOLUTE STANDARD DEVIATION = .02617
NUMBER OF SAMPLES = 2162.

POSITIVE WITH ZEROS MEAN = .01689
POSITIVE WITH ZEROS STANDARD DEVIATION = .02335
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .12
NUMBER OF POSITIVE AND ZERO SAMPLES = 1826

NEGATIVE WITH ZEROS MEAN = -.02086
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02976
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 691.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02569
ABSOLUTE STANDARD DEVIATION = .02810
NUMBER OF SAMPLES = 2162.

POSITIVE WITH ZEROS MEAN = .02218
POSITIVE WITH ZEROS STANDARD DEVIATION = .02628
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .19
NUMBER OF POSITIVE AND ZERO SAMPLES = 1628.

NEGATIVE WITH ZEROS MEAN = -.01843
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02841
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1054.

TEST NUMBER : 4S0006
RUN NUMBER : R3-2
DRIVER NUMBER : 04
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 340.0000 MILES
NUMBER OF SAMPLES = 2241

MEAN VELOCITY = 56.41484
VELOCITY STANDARD DEVIATION = .84736

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01418
ABSOLUTE STANDARD DEVIATION = .02337
NUMBER OF SAMPLES = 2241.

POSITIVE WITH ZEROS MEAN = .00966
POSITIVE WITH ZEROS STANDARD DEVIATION = .05423
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .11
NUMBER OF POSITIVE AND ZERO SAMPLES = 1845

NEGATIVE WITH ZEROS MEAN = -.01203
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08794
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1159.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02222
ABSOLUTE STANDARD DEVIATION = .02414
NUMBER OF SAMPLES = 2241.

POSITIVE WITH ZEROS MEAN = .01733
POSITIVE WITH ZEROS STANDARD DEVIATION = .07005
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1692.

NEGATIVE WITH ZEROS MEAN = -.01886
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08421
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1085.

TEST NUMBER : 4S0006
RUN NUMBER : R5-2
DRIVER NUMBER : 04
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 340.0000 MILES
NUMBER OF SAMPLES = 2209

MEAN VELOCITY = 55.62984
VELOCITY STANDARD DEVIATION = 1.62307

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01412
ABSOLUTE STANDARD DEVIATION = .02023
NUMBER OF SAMPLES = 2209.

POSITIVE WITH ZEROS MEAN = .01051
POSITIVE WITH ZEROS STANDARD DEVIATION = .04232
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .13
NUMBER OF POSITIVE AND ZERO SAMPLES = 1754

NEGATIVE WITH ZEROS MEAN = -.01193
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06363
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1070.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01913
ABSOLUTE STANDARD DEVIATION = .02094
NUMBER OF SAMPLES = 2209.

POSITIVE WITH ZEROS MEAN = .01668
POSITIVE WITH ZEROS STANDARD DEVIATION = .03494
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 1453.

NEGATIVE WITH ZEROS MEAN = -.01476
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02792
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.14
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1220.

TEST NUMBER : 490006
RUN NUMBER : R7-2
DRIVER NUMBER : 04
COURSE LEG : 4
START DISTANCE = 325.9977 MILES
END DISTANCE = 336.5253 MILES
NUMBER OF SAMPLES = 1693

MEAN VELOCITY = 56.03050
VELOCITY STANDARD DEVIATION = 1.02644

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01465
ABSOLUTE STANDARD DEVIATION = .02038
NUMBER OF SAMPLES = 1693.

POSITIVE WITH ZEROS MEAN = .01091
POSITIVE WITH ZEROS STANDARD DEVIATION = .08215
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .11
NUMBER OF POSITIVE AND ZERO SAMPLES = 1373

NEGATIVE WITH ZEROS MEAN = -.01322
NEGATIVE WITH ZEROS STANDARD DEVIATION = .13703
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 743.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02273
ABSOLUTE STANDARD DEVIATION = .02312
NUMBER OF SAMPLES = 1693.

POSITIVE WITH ZEROS MEAN = .02040
POSITIVE WITH ZEROS STANDARD DEVIATION = .09657
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .19
NUMBER OF POSITIVE AND ZERO SAMPLES = 1091.

NEGATIVE WITH ZEROS MEAN = -.01741
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10201
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.16
NUMBER OF NEGATIVE AND ZERO SAMPLES = 932.

TEST NUMBER : 4S0006
RUN NUMBER : BI2-2
DRIVER NUMBER : 22
COURSE LEG : 1
START DISTANCE = 6.0007 MILES
END DISTANCE = 19.9972 MILES
NUMBER OF SAMPLES = 2388

MEAN VELOCITY = 52.77619
VELOCITY STANDARD DEVIATION = 5.17791

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01116
ABSOLUTE STANDARD DEVIATION = .01201
NUMBER OF SAMPLES = 2388.

POSITIVE WITH ZEROS MEAN = .00969
POSITIVE WITH ZEROS STANDARD DEVIATION = .00924
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .07
NUMBER OF POSITIVE AND ZERO SAMPLES = 2121

NEGATIVE WITH ZEROS MEAN = -.00746
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01629
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 815.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01846
ABSOLUTE STANDARD DEVIATION = .02836
NUMBER OF SAMPLES = 2388.

POSITIVE WITH ZEROS MEAN = .01253
POSITIVE WITH ZEROS STANDARD DEVIATION = .02023
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 1797.

NEGATIVE WITH ZEROS MEAN = -.01419
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03046
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.23
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1521.

TEST NUMBER : 4S0006
RUN NUMBER : R4-2
DRIVER NUMBER : 22
COURSE LEG : 1
START DISTANCE = 6.0053 MILES
END DISTANCE = 19.9955 MILES
NUMBER OF SAMPLES = 2334

MEAN VELOCITY = 53.95086
VELOCITY STANDARD DEVIATION = 5.74991

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01207
ABSOLUTE STANDARD DEVIATION = .01642
NUMBER OF SAMPLES = 2334.

POSITIVE WITH ZEROS MEAN = .00988
POSITIVE WITH ZEROS STANDARD DEVIATION = .01017
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .09
NUMBER OF POSITIVE AND ZERO SAMPLES = 2055

NEGATIVE WITH ZEROS MEAN = -.00904
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02361
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.29
NUMBER OF NEGATIVE AND ZERO SAMPLES = 872.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02208
ABSOLUTE STANDARD DEVIATION = .03031
NUMBER OF SAMPLES = 2334.

POSITIVE WITH ZEROS MEAN = .01729
POSITIVE WITH ZEROS STANDARD DEVIATION = .02341
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .20
NUMBER OF POSITIVE AND ZERO SAMPLES = 1735.

NEGATIVE WITH ZEROS MEAN = -.01972
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03565
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.27
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1092.

TEST NUMBER : 4S0006
RUN NUMBER : R6-2
DRIVER NUMBER : 22
COURSE LEG : 1
START DISTANCE = 6.0004 MILES
END DISTANCE = 17.8791 MILES
NUMBER OF SAMPLES = 2065

MEAN VELOCITY = 51.77178
VELOCITY STANDARD DEVIATION = 7.53847

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01149
ABSOLUTE STANDARD DEVIATION = .01001
NUMBER OF SAMPLES = 2065.

POSITIVE WITH ZEROS MEAN = .00998
POSITIVE WITH ZEROS STANDARD DEVIATION = .05655
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .06
NUMBER OF POSITIVE AND ZERO SAMPLES = 1663

NEGATIVE WITH ZEROS MEAN = -.00840
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09937
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.04
NUMBER OF NEGATIVE AND ZERO SAMPLES = 849.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN : .01528
ABSOLUTE STANDARD DEVIATION = .02136
NUMBER OF SAMPLES = 2065.

POSITIVE WITH ZEROS MEAN = .01198
POSITIVE WITH ZEROS STANDARD DEVIATION = .08026
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 1402.

NEGATIVE WITH ZEROS MEAN = -.01108
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07416
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.16
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1332.

TEST NUMBER : 4S0006
RUN NUMBER : R8-2
DRIVER NUMBER : 22
COURSE LEG : 1
START DISTANCE = 6.0044 MILES
END DISTANCE = 19.9984 MILES
NUMBER OF SAMPLES = 2341

MEAN VELOCITY = 53.80008
VELOCITY STANDARD DEVIATION = 4.60567

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .00998
ABSOLUTE STANDARD DEVIATION = .01205
NUMBER OF SAMPLES = 2341.

POSITIVE WITH ZEROS MEAN = .00852
POSITIVE WITH ZEROS STANDARD DEVIATION = .07487
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .06
NUMBER OF POSITIVE AND ZERO SAMPLES = 2035

NEGATIVE WITH ZEROS MEAN = -.00599
NEGATIVE WITH ZEROS STANDARD DEVIATION = .13598
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.20
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1009.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01832
ABSOLUTE STANDARD DEVIATION = .02616
NUMBER OF SAMPLES = 2341.

POSITIVE WITH ZEROS MEAN = .01112
POSITIVE WITH ZEROS STANDARD DEVIATION = .10887
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .13
NUMBER OF POSITIVE AND ZERO SAMPLES = 1337.

NEGATIVE WITH ZEROS MEAN = -.01622
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08948
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.29
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1727.

TEST NUMBER : 4S0006
RUN NUMBER : B12-2
DRIVER NUMBER : 22
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 133.9981 MILES
NUMBER OF SAMPLES = 2593

MEAN VELOCITY = 48.42310
VELOCITY STANDARD DEVIATION = 10.43525

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02890
ABSOLUTE STANDARD DEVIATION = .04067
NUMBER OF SAMPLES = 2593.

POSITIVE WITH ZEROS MEAN = .02011
POSITIVE WITH ZEROS STANDARD DEVIATION = .02643
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 1919

NEGATIVE WITH ZEROS MEAN = -.02881
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05111
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1261.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04189
ABSOLUTE STANDARD DEVIATION = .04373
NUMBER OF SAMPLES = 2593.

POSITIVE WITH ZEROS MEAN = .03573
POSITIVE WITH ZEROS STANDARD DEVIATION = .04192
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .33
NUMBER OF POSITIVE AND ZERO SAMPLES = 1667.

NEGATIVE WITH ZEROS MEAN = -.03817
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04482
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.29
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1285.

TEST NUMBER : 490006
RUN NUMBER : R2-2
DRIVER NUMBER : 22
COURSE LEG : 2
START DISTANCE = 120.0081 MILES
END DISTANCE = 134.0000 MILES
NUMBER OF SAMPLES = 2605

MEAN VELOCITY = 48.30619
VELOCITY STANDARD DEVIATION = 11.94239

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03379
ABSOLUTE STANDARD DEVIATION = .04542
NUMBER OF SAMPLES = 2605.

POSITIVE WITH ZEROS MEAN = .02487
POSITIVE WITH ZEROS STANDARD DEVIATION = .03131
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 1724

NEGATIVE WITH ZEROS MEAN = -.03322
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05489
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1359.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03854
ABSOLUTE STANDARD DEVIATION = .04311
NUMBER OF SAMPLES = 2605.

POSITIVE WITH ZEROS MEAN = .03379
POSITIVE WITH ZEROS STANDARD DEVIATION = .04125
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .26
NUMBER OF POSITIVE AND ZERO SAMPLES = 1788.

NEGATIVE WITH ZEROS MEAN = -.02970
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04258
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.28
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1346.

TEST NUMBER : 4S0006
RUN NUMBER : R4-2
DRIVER NUMBER : 22
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 134.0000 MILES
NUMBER OF SAMPLES = 2406

MEAN VELOCITY = 51.95473
VELOCITY STANDARD DEVIATION = 7.37061

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03000
ABSOLUTE STANDARD DEVIATION = .03975
NUMBER OF SAMPLES = 2406.

POSITIVE WITH ZEROS MEAN = .02161
POSITIVE WITH ZEROS STANDARD DEVIATION = .03171
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 1730

NEGATIVE WITH ZEROS MEAN = -.02680
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05162
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1298.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03978
ABSOLUTE STANDARD DEVIATION = .04379
NUMBER OF SAMPLES = 2406.

POSITIVE WITH ZEROS MEAN = .03735
POSITIVE WITH ZEROS STANDARD DEVIATION = .05277
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .27
NUMBER OF POSITIVE AND ZERO SAMPLES = 1492.

NEGATIVE WITH ZEROS MEAN = -.03401
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05912
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.29
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1176.

TEST NUMBER : 4S0006
RUN NUMBER : R6-2
DRIVER NUMBER : 22
COURSE LEG : 2
START DISTANCE = 120.0100 MILES
END DISTANCE = 132.4444 MILES
NUMBER OF SAMPLES = 2309

MEAN VELOCITY = 48.46677
VELOCITY STANDARD DEVIATION = 9.82566

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02938
ABSOLUTE STANDARD DEVIATION = .03582
NUMBER OF SAMPLES = 2309.

POSITIVE WITH ZEROS MEAN = .02135
POSITIVE WITH ZEROS STANDARD DEVIATION = .06541
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 1537

NEGATIVE WITH ZEROS MEAN = -.02698
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09061
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1298.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03607
ABSOLUTE STANDARD DEVIATION = .04143
NUMBER OF SAMPLES = 2309.

POSITIVE WITH ZEROS MEAN = .03187
POSITIVE WITH ZEROS STANDARD DEVIATION = .09136
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .25
NUMBER OF POSITIVE AND ZERO SAMPLES = 1367.

NEGATIVE WITH ZEROS MEAN = -.03068
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08643
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.28
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1295.

TEST NUMBER : 4S0006
RUN NUMBER : R8-2
DRIVER NUMBER : 22
COURSE LEG : 2
START DISTANCE = 119.9983 MILES
END DISTANCE = 132.9046 MILES
NUMBER OF SAMPLES = 2368

MEAN VELOCITY = 49.04047
VELOCITY STANDARD DEVIATION = 12.34097

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03835
ABSOLUTE STANDARD DEVIATION = .04461
NUMBER OF SAMPLES = 2368.

POSITIVE WITH ZEROS MEAN = .03223
POSITIVE WITH ZEROS STANDARD DEVIATION = .09552
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .20
NUMBER OF POSITIVE AND ZERO SAMPLES = 1474

NEGATIVE WITH ZEROS MEAN = -.03196
NEGATIVE WITH ZEROS STANDARD DEVIATION = .12764
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1355.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04514
ABSOLUTE STANDARD DEVIATION = .04498
NUMBER OF SAMPLES = 2368.

POSITIVE WITH ZEROS MEAN = .04003
POSITIVE WITH ZEROS STANDARD DEVIATION = .12146
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .25
NUMBER OF POSITIVE AND ZERO SAMPLES = 1252.

NEGATIVE WITH ZEROS MEAN = -.04150
NEGATIVE WITH ZEROS STANDARD DEVIATION = .11176
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1368.

TEST NUMBER : 4S0006
RUN NUMBER : BI2-2
DRIVER NUMBER : 22
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 284.9985 MILES
NUMBER OF SAMPLES = 2520

MEAN VELOCITY = 50.05990
VELOCITY STANDARD DEVIATION = 11.13167

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02661
ABSOLUTE STANDARD DEVIATION = .04941
NUMBER OF SAMPLES = 2520.

POSITIVE WITH ZEROS MEAN = .01726
POSITIVE WITH ZEROS STANDARD DEVIATION = .04717
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .26
NUMBER OF POSITIVE AND ZERO SAMPLES = 2184

NEGATIVE WITH ZEROS MEAN = -.02815
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09035
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1043.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01584
ABSOLUTE STANDARD DEVIATION = .02807
NUMBER OF SAMPLES = 2520.

POSITIVE WITH ZEROS MEAN = .01357
POSITIVE WITH ZEROS STANDARD DEVIATION = .06035
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .31
NUMBER OF POSITIVE AND ZERO SAMPLES = 2126.

NEGATIVE WITH ZEROS MEAN = -.00824
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07025
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.20
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1343.

TEST NUMBER : 450006
RUN NUMBER : R2-2
DRIVER NUMBER : 22
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 285.0000 MILES
NUMBER OF SAMPLES = 2502

MEAN VELOCITY = 50.37743
VELOCITY STANDARD DEVIATION = 11.47523

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02631
ABSOLUTE STANDARD DEVIATION = .05054
NUMBER OF SAMPLES = 2502.

POSITIVE WITH ZEROS MEAN = .01651
POSITIVE WITH ZEROS STANDARD DEVIATION = .04835
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .27
NUMBER OF POSITIVE AND ZERO SAMPLES = 2158

NEGATIVE WITH ZEROS MEAN = -.02314
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08814
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.33
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1306.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01677
ABSOLUTE STANDARD DEVIATION = .02668
NUMBER OF SAMPLES = 2502.

POSITIVE WITH ZEROS MEAN = .01429
POSITIVE WITH ZEROS STANDARD DEVIATION = .05751
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .32
NUMBER OF POSITIVE AND ZERO SAMPLES = 1979.

NEGATIVE WITH ZEROS MEAN = -.00991
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05458
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1381.

TEST NUMBER : 4S0006
RUN NUMBER : R4-2
DRIVER NUMBER : 22
COURSE LEG : 3
START DISTANCE = 271.0100 MILES
END DISTANCE = 284.9982 MILES
NUMBER OF SAMPLES = 2425

MEAN VELOCITY = 51.96361
VELOCITY STANDARD DEVIATION = 10.14380

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01857
ABSOLUTE STANDARD DEVIATION = .04157
NUMBER OF SAMPLES = 2425.

POSITIVE WITH ZEROS MEAN = .01170
POSITIVE WITH ZEROS STANDARD DEVIATION = .04370
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .28
NUMBER OF POSITIVE AND ZERO SAMPLES = 2165

NEGATIVE WITH ZEROS MEAN = -.01463
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07333
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1348.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01856
ABSOLUTE STANDARD DEVIATION = .02065
NUMBER OF SAMPLES = 2425.

POSITIVE WITH ZEROS MEAN = .01692
POSITIVE WITH ZEROS STANDARD DEVIATION = .06270
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .23
NUMBER OF POSITIVE AND ZERO SAMPLES = 1768.

NEGATIVE WITH ZEROS MEAN = -.01276
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07080
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1183.

TEST NUMBER : 4S0006
RUN NUMBER : R6-2
DRIVER NUMBER : 22
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 284.9984 MILES
NUMBER OF SAMPLES = 2492

MEAN VELOCITY = 50.55601
VELOCITY STANDARD DEVIATION = 12.24481

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02848
ABSOLUTE STANDARD DEVIATION = .05135
NUMBER OF SAMPLES = 2492.

POSITIVE WITH ZEROS MEAN = .01921
POSITIVE WITH ZEROS STANDARD DEVIATION = .06890
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .26
NUMBER OF POSITIVE AND ZERO SAMPLES = 2082

NEGATIVE WITH ZEROS MEAN = -.02177
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10653
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.37
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1423.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01719
ABSOLUTE STANDARD DEVIATION = .02481
NUMBER OF SAMPLES = 2492.

POSITIVE WITH ZEROS MEAN = .01419
POSITIVE WITH ZEROS STANDARD DEVIATION = .08900
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .25
NUMBER OF POSITIVE AND ZERO SAMPLES = 1751.

NEGATIVE WITH ZEROS MEAN = -.01288
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09072
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1398.

TEST NUMBER : 490006
RUN NUMBER : R8-2
DRIVER NUMBER : 22
COURSE LEG : 3
START DISTANCE = 271.0100 MILES
END DISTANCE = 285.0000 MILES
NUMBER OF SAMPLES = 2374

MEAN VELOCITY = 53.07800
VELOCITY STANDARD DEVIATION = 10.45463

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01950
ABSOLUTE STANDARD DEVIATION = .04455
NUMBER OF SAMPLES = 2374.

POSITIVE WITH ZEROS MEAN = .01196
POSITIVE WITH ZEROS STANDARD DEVIATION = .03072
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .24
NUMBER OF POSITIVE AND ZERO SAMPLES = 1806

NEGATIVE WITH ZEROS MEAN = -.01427
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04366
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.36
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1731.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02352
ABSOLUTE STANDARD DEVIATION = .02653
NUMBER OF SAMPLES = 2374.

POSITIVE WITH ZEROS MEAN = .01282
POSITIVE WITH ZEROS STANDARD DEVIATION = .02634
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .27
NUMBER OF POSITIVE AND ZERO SAMPLES = 1101.

NEGATIVE WITH ZEROS MEAN = -.02370
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02444
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1760.

TEST NUMBER : 450006
RUN NUMBER : B12-2
DRIVER NUMBER : 22
COURSE LEG : 4
START DISTANCE = 326.0100 MILES
END DISTANCE = 339.9961 MILES
NUMBER OF SAMPLES = 2311

MEAN VELOCITY = 54.31407
VELOCITY STANDARD DEVIATION = 1.36727

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01374
ABSOLUTE STANDARD DEVIATION = .01975
NUMBER OF SAMPLES = 2311.

POSITIVE WITH ZEROS MEAN = .00930
POSITIVE WITH ZEROS STANDARD DEVIATION = .01512
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1855

NEGATIVE WITH ZEROS MEAN = -.01215
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02200
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1193.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01947
ABSOLUTE STANDARD DEVIATION = .01955
NUMBER OF SAMPLES = 2311.

POSITIVE WITH ZEROS MEAN = .01656
POSITIVE WITH ZEROS STANDARD DEVIATION = .01762
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1794.

NEGATIVE WITH ZEROS MEAN = -.01380
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02124
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1107.

TEST NUMBER : 4S0006
RUN NUMBER : R4-2
DRIVER NUMBER : 22
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 340.0000 MILES
NUMBER OF SAMPLES = 2250

MEAN VELOCITY = 55.87678
VELOCITY STANDARD DEVIATION = 1.66657

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01488
ABSOLUTE STANDARD DEVIATION = .02084
NUMBER OF SAMPLES = 2250.

POSITIVE WITH ZEROS MEAN = .01145
POSITIVE WITH ZEROS STANDARD DEVIATION = .05102
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1892

NEGATIVE WITH ZEROS MEAN = -.01261
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09312
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 937.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01847
ABSOLUTE STANDARD DEVIATION = .02053
NUMBER OF SAMPLES = 2250.

POSITIVE WITH ZEROS MEAN = .01598
POSITIVE WITH ZEROS STANDARD DEVIATION = .06790
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .13
NUMBER OF POSITIVE AND ZERO SAMPLES = 1751.

NEGATIVE WITH ZEROS MEAN = -.01217
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07696
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1116.

TEST NUMBER : 4S0006
RUN NUMBER : R6-2
DRIVER NUMBER : 22
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 336.8710 MILES
NUMBER OF SAMPLES = 1773

MEAN VELOCITY = 55.18275
VELOCITY STANDARD DEVIATION = 1.07309

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01999
ABSOLUTE STANDARD DEVIATION = .02894
NUMBER OF SAMPLES = 1773.

POSITIVE WITH ZEROS MEAN = .01196
POSITIVE WITH ZEROS STANDARD DEVIATION = .08989
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1369

NEGATIVE WITH ZEROS MEAN = -.02191
NEGATIVE WITH ZEROS STANDARD DEVIATION = .14385
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.20
NUMBER OF NEGATIVE AND ZERO SAMPLES = 870.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02123
ABSOLUTE STANDARD DEVIATION = .02545
NUMBER OF SAMPLES = 1773.

POSITIVE WITH ZEROS MEAN = .01793
POSITIVE WITH ZEROS STANDARD DEVIATION = .11208
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .21
NUMBER OF POSITIVE AND ZERO SAMPLES = 1189.

NEGATIVE WITH ZEROS MEAN = -.01686
NEGATIVE WITH ZEROS STANDARD DEVIATION = .11282
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.20
NUMBER OF NEGATIVE AND ZERO SAMPLES = 968.

TEST NUMBER : 4S0006
RUN NUMBER : R8-2
DRIVER NUMBER : 22
COURSE LEG : 4
START DISTANCE = 326.0077 MILES
END DISTANCE = 340.0000 MILES
NUMBER OF SAMPLES = 2238

MEAN VELOCITY = 56.46531
VELOCITY STANDARD DEVIATION = 1.22246

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01623
ABSOLUTE STANDARD DEVIATION = .02088
NUMBER OF SAMPLES = 2238.

POSITIVE WITH ZEROS MEAN = .01086
POSITIVE WITH ZEROS STANDARD DEVIATION = .01617
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .11
NUMBER OF POSITIVE AND ZERO SAMPLES = 1617

NEGATIVE WITH ZEROS MEAN = -.01549
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02337
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.16
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1211.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02232
ABSOLUTE STANDARD DEVIATION = .02307
NUMBER OF SAMPLES = 2238.

POSITIVE WITH ZEROS MEAN = .01745
POSITIVE WITH ZEROS STANDARD DEVIATION = .02100
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1347.

NEGATIVE WITH ZEROS MEAN = -.02064
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02430
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.16
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1282.

TEST NUMBER : 4S0007
RUN NUMBER : R1-2
DRIVER NUMBER : 08
COURSE LEG : 1
START DISTANCE = 6.0043 MILES
END DISTANCE = 17.8815 MILES
NUMBER OF SAMPLES = 1997

MEAN VELOCITY = 53.58413
VELOCITY STANDARD DEVIATION = 6.48935

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01545
ABSOLUTE STANDARD DEVIATION = .01546
NUMBER OF SAMPLES = 1997.

POSITIVE WITH ZEROS MEAN = .01319
POSITIVE WITH ZEROS STANDARD DEVIATION = .06483
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .11
NUMBER OF POSITIVE AND ZERO SAMPLES = 1522

NEGATIVE WITH ZEROS MEAN = -.01091
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09510
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.14
NUMBER OF NEGATIVE AND ZERO SAMPLES = 987.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01894
ABSOLUTE STANDARD DEVIATION = .02168
NUMBER OF SAMPLES = 1997.

POSITIVE WITH ZEROS MEAN = .01552
POSITIVE WITH ZEROS STANDARD DEVIATION = .07301
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 1314.

NEGATIVE WITH ZEROS MEAN = -.01485
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07987
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1174.

TEST NUMBER : 4S0007
RUN NUMBER : R3-2
DRIVER NUMBER : 08
COURSE LEG : 1
START DISTANCE = 6.0007 MILES
END DISTANCE = 19.9955 MILES
NUMBER OF SAMPLES = 2321

MEAN VELOCITY = 54.22110
VELOCITY STANDARD DEVIATION = 6.23797

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01671
ABSOLUTE STANDARD DEVIATION = .01628
NUMBER OF SAMPLES = 2321.

POSITIVE WITH ZEROS MEAN = .01343
POSITIVE WITH ZEROS STANDARD DEVIATION = .01423
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .08
NUMBER OF POSITIVE AND ZERO SAMPLES = 1721

NEGATIVE WITH ZEROS MEAN = -.01310
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01828
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.10
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1195.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02237
ABSOLUTE STANDARD DEVIATION = .02526
NUMBER OF SAMPLES = 2321.

POSITIVE WITH ZEROS MEAN = .01796
POSITIVE WITH ZEROS STANDARD DEVIATION = .02293
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .18
NUMBER OF POSITIVE AND ZERO SAMPLES = 1366.

NEGATIVE WITH ZEROS MEAN = -.01952
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02602
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1402.

TEST NUMBER : 480007
RUN NUMBER : R5-2
DRIVER NUMBER : 08
COURSE LEG : 1
START DISTANCE = 6.0031 MILES
END DISTANCE = 17.8543 MILES
NUMBER OF SAMPLES = 1990

MEAN VELOCITY = 53.62596
VELOCITY STANDARD DEVIATION = 7.33391

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01784
ABSOLUTE STANDARD DEVIATION = .01539
NUMBER OF SAMPLES = 1990.

POSITIVE WITH ZEROS MEAN = .01541
POSITIVE WITH ZEROS STANDARD DEVIATION = .05220
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .07
NUMBER OF POSITIVE AND ZERO SAMPLES = 1465

NEGATIVE WITH ZEROS MEAN = -.01416
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07551
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.12
NUMBER OF NEGATIVE AND ZERO SAMPLES = 913.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01896
ABSOLUTE STANDARD DEVIATION = .02358
NUMBER OF SAMPLES = 1990.

POSITIVE WITH ZEROS MEAN = .01329
POSITIVE WITH ZEROS STANDARD DEVIATION = .04532
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .19
NUMBER OF POSITIVE AND ZERO SAMPLES = 1159.

NEGATIVE WITH ZEROS MEAN = -.01657
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04449
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1348.

TEST NUMBER : 4S0007
RUN NUMBER : R1-2
DRIVER NUMBER : 08
COURSE LEG : 2
START DISTANCE = 120.0100 MILES
END DISTANCE = 132.0700 MILES
NUMBER OF SAMPLES = 2166

MEAN VELOCITY = 50.11081
VELOCITY STANDARD DEVIATION = 7.87111

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03373
ABSOLUTE STANDARD DEVIATION = .03581
NUMBER OF SAMPLES = 2166.

POSITIVE WITH ZEROS MEAN = .02818
POSITIVE WITH ZEROS STANDARD DEVIATION = .07859
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .21
NUMBER OF POSITIVE AND ZERO SAMPLES = 1278

NEGATIVE WITH ZEROS MEAN = -.03115
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09568
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.27
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1189.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04060
ABSOLUTE STANDARD DEVIATION = .04062
NUMBER OF SAMPLES = 2166.

POSITIVE WITH ZEROS MEAN = .03764
POSITIVE WITH ZEROS STANDARD DEVIATION = .08876
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .29
NUMBER OF POSITIVE AND ZERO SAMPLES = 1176.

NEGATIVE WITH ZEROS MEAN = -.03675
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09027
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.24
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1188.

TEST NUMBER : 4S0007
RUN NUMBER : R3-2
DRIVER NUMBER : 08
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 134.0000 MILES
NUMBER OF SAMPLES = 2643

MEAN VELOCITY = 47.65766
VELOCITY STANDARD DEVIATION = 11.31745

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03829
ABSOLUTE STANDARD DEVIATION = .03851
NUMBER OF SAMPLES = 2643.

POSITIVE WITH ZEROS MEAN = .03098
POSITIVE WITH ZEROS STANDARD DEVIATION = .03752
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .20
NUMBER OF POSITIVE AND ZERO SAMPLES = 1527

NEGATIVE WITH ZEROS MEAN = -.03721
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04873
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1448.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03813
ABSOLUTE STANDARD DEVIATION = .03731
NUMBER OF SAMPLES = 2643.

POSITIVE WITH ZEROS MEAN = .03486
POSITIVE WITH ZEROS STANDARD DEVIATION = .04547
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .30
NUMBER OF POSITIVE AND ZERO SAMPLES = 1528.

NEGATIVE WITH ZEROS MEAN = -.03516
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05074
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1352.

TEST NUMBER : 460007
RUN NUMBER : R5-2
DRIVER NUMBER : 08
COURSE LEG : 2
START DISTANCE = 120.0054 MILES
END DISTANCE = 132.7067 MILES
NUMBER OF SAMPLES = 2366

MEAN VELOCITY = 48.33202
VELOCITY STANDARD DEVIATION = 9.32152

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03841
ABSOLUTE STANDARD DEVIATION = .03776
NUMBER OF SAMPLES = 2366.

POSITIVE WITH ZEROS MEAN = .03259
POSITIVE WITH ZEROS STANDARD DEVIATION = .06330
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 1402

NEGATIVE WITH ZEROS MEAN = -.03719
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08016
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1215.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03650
ABSOLUTE STANDARD DEVIATION = .03817
NUMBER OF SAMPLES = 2366.

POSITIVE WITH ZEROS MEAN = .03256
POSITIVE WITH ZEROS STANDARD DEVIATION = .06276
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .29
NUMBER OF POSITIVE AND ZERO SAMPLES = 1144.

NEGATIVE WITH ZEROS MEAN = -.03115
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05617
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1576.

TEST NUMBER : 450007
RUN NUMBER : R1-2
DRIVER NUMBER : 08
COURSE LEG : 3
START DISTANCE = 270.9973 MILES
END DISTANCE = 284.9954 MILES
NUMBER OF SAMPLES = 2397

MEAN VELOCITY = 52.60589
VELOCITY STANDARD DEVIATION = 11.58653

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02642
ABSOLUTE STANDARD DEVIATION = .05166
NUMBER OF SAMPLES = 2397.

POSITIVE WITH ZEROS MEAN = .01875
POSITIVE WITH ZEROS STANDARD DEVIATION = .08162
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .27
NUMBER OF POSITIVE AND ZERO SAMPLES = 1771

NEGATIVE WITH ZEROS MEAN = -.02097
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10543
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.32
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1436.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01690
ABSOLUTE STANDARD DEVIATION = .02566
NUMBER OF SAMPLES = 2397.

POSITIVE WITH ZEROS MEAN = .01406
POSITIVE WITH ZEROS STANDARD DEVIATION = .08500
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .29
NUMBER OF POSITIVE AND ZERO SAMPLES = 1672.

NEGATIVE WITH ZEROS MEAN = -.01207
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09176
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1409.

TEST NUMBER : 490006
RUN NUMBER : R3-2
DRIVER NUMBER : 08
COURSE LEG : 3
START DISTANCE = 271.0065 MILES
END DISTANCE = 284.9965 MILES
NUMBER OF SAMPLES = 2350

MEAN VELOCITY = 53.64991
VELOCITY STANDARD DEVIATION = 11.10392

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02656
ABSOLUTE STANDARD DEVIATION = .04741
NUMBER OF SAMPLES = 2350.

POSITIVE WITH ZEROS MEAN = .01982
POSITIVE WITH ZEROS STANDARD DEVIATION = .03704
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .25
NUMBER OF POSITIVE AND ZERO SAMPLES = 1692

NEGATIVE WITH ZEROS MEAN = -.02113
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04947
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.30
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1367.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01797
ABSOLUTE STANDARD DEVIATION = .02270
NUMBER OF SAMPLES = 2350.

POSITIVE WITH ZEROS MEAN = .01384
POSITIVE WITH ZEROS STANDARD DEVIATION = .02396
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .32
NUMBER OF POSITIVE AND ZERO SAMPLES = 1314.

NEGATIVE WITH ZEROS MEAN = -.01534
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01949
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1568.

TEST NUMBER : 450007
RUN NUMBER : R5-2
DRIVER NUMBER : 08
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 284.9957 MILES
NUMBER OF SAMPLES = 2380

MEAN VELOCITY = 52.92494
VELOCITY STANDARD DEVIATION = 11.02488

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02646
ABSOLUTE STANDARD DEVIATION = .05103
NUMBER OF SAMPLES = 2380.

POSITIVE WITH ZEROS MEAN = .01923
POSITIVE WITH ZEROS STANDARD DEVIATION = .07543
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .25
NUMBER OF POSITIVE AND ZERO SAMPLES = 1710

NEGATIVE WITH ZEROS MEAN = -.02177
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09863
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.32
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1382.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01679
ABSOLUTE STANDARD DEVIATION = .02559
NUMBER OF SAMPLES = 2380.

POSITIVE WITH ZEROS MEAN = .01201
POSITIVE WITH ZEROS STANDARD DEVIATION = .07087
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .26
NUMBER OF POSITIVE AND ZERO SAMPLES = 1353.

NEGATIVE WITH ZEROS MEAN = -.01359
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06398
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.28
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1744.

TEST NUMBER : 4S0007
RUN NUMBER : R1-2
DRIVER NUMBER : 08
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 340.0000 MILES
NUMBER OF SAMPLES = 1684

MEAN VELOCITY = 56.27995
VELOCITY STANDARD DEVIATION = 1.08912

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01881
ABSOLUTE STANDARD DEVIATION = .01905
NUMBER OF SAMPLES = 1684.

POSITIVE WITH ZEROS MEAN = .01136
POSITIVE WITH ZEROS STANDARD DEVIATION = .11523
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .06
NUMBER OF POSITIVE AND ZERO SAMPLES = 949.

NEGATIVE WITH ZEROS MEAN = -.01829
NEGATIVE WITH ZEROS STANDARD DEVIATION = .12246
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1142.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02114
ABSOLUTE STANDARD DEVIATION = .01947
NUMBER OF SAMPLES = 1684.

POSITIVE WITH ZEROS MEAN = .01747
POSITIVE WITH ZEROS STANDARD DEVIATION = .10979
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1060.

NEGATIVE WITH ZEROS MEAN = -.01861
NEGATIVE WITH ZEROS STANDARD DEVIATION = .11651
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 918.

TEST NUMBER : 480006
RUN NUMBER : R3-2
DRIVER NUMBER : 08
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 339.9990 MILES
NUMBER OF SAMPLES = 2236

MEAN VELOCITY = 56.52883
VELOCITY STANDARD DEVIATION = 1.43068

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01747
ABSOLUTE STANDARD DEVIATION = .02110
NUMBER OF SAMPLES = 2236.

POSITIVE WITH ZEROS MEAN = .01238
POSITIVE WITH ZEROS STANDARD DEVIATION = .04610
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1623

NEGATIVE WITH ZEROS MEAN = -.01422
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05904
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1335.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02093
ABSOLUTE STANDARD DEVIATION = .01947
NUMBER OF SAMPLES = 2236.

POSITIVE WITH ZEROS MEAN = .01680
POSITIVE WITH ZEROS STANDARD DEVIATION = .03307
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 1355.

NEGATIVE WITH ZEROS MEAN = -.01811
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03361
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.16
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1327.

TEST NUMBER : 480007
RUN NUMBER : R5-2
DRIVER NUMBER : 08
COURSE LEG : 4
START DISTANCE = 326.0077 MILES
END DISTANCE = 336.5169 MILES
NUMBER OF SAMPLES = 1684

MEAN VELOCITY = 56.23094
VELOCITY STANDARD DEVIATION = 1.12466

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01876
ABSOLUTE STANDARD DEVIATION = .02053
NUMBER OF SAMPLES = 1684.

POSITIVE WITH ZEROS MEAN = .01498
POSITIVE WITH ZEROS STANDARD DEVIATION = .09947
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1084

NEGATIVE WITH ZEROS MEAN = -.01588
NEGATIVE WITH ZEROS STANDARD DEVIATION = .12270
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 967.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01774
ABSOLUTE STANDARD DEVIATION = .01908
NUMBER OF SAMPLES = 1684.

POSITIVE WITH ZEROS MEAN = .01169
POSITIVE WITH ZEROS STANDARD DEVIATION = .08824
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .13
NUMBER OF POSITIVE AND ZERO SAMPLES = 944.

NEGATIVE WITH ZEROS MEAN = -.01514
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07936
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.12
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1244.

TEST NUMBER : 4S0007
RUN NUMBER : BI1-1
DRIVER NUMBER : 19
COURSE LEG : 1
START DISTANCE = 6.0017 MILES
END DISTANCE = 19.9980 MILES
NUMBER OF SAMPLES = 2430

MEAN VELOCITY = 51.86307
VELOCITY STANDARD DEVIATION = 5.95976

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01365
ABSOLUTE STANDARD DEVIATION = .01450
NUMBER OF SAMPLES = 2430.

POSITIVE WITH ZEROS MEAN = .01217
POSITIVE WITH ZEROS STANDARD DEVIATION = .01308
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .12
NUMBER OF POSITIVE AND ZERO SAMPLES = 1960

NEGATIVE WITH ZEROS MEAN = -.00883
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01557
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.12
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1055.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01872
ABSOLUTE STANDARD DEVIATION = .02356
NUMBER OF SAMPLES = 2430.

POSITIVE WITH ZEROS MEAN = .01617
POSITIVE WITH ZEROS STANDARD DEVIATION = .01839
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .18
NUMBER OF POSITIVE AND ZERO SAMPLES = 1861.

NEGATIVE WITH ZEROS MEAN = -.01305
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02738
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1179.

TEST NUMBER : 490007
 RUN NUMBER : R1-1
 DRIVER NUMBER : 19
 COURSE LEG : 1
 START DISTANCE = 6.0023 MILES
 END DISTANCE = 19.9987 MILES
 NUMBER OF SAMPLES = 2326

 MEAN VELOCITY = 54.20411
 VELOCITY STANDARD DEVIATION = 5.97925

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01322
 ABSOLUTE STANDARD DEVIATION = .01449
 NUMBER OF SAMPLES = 2326.

 POSITIVE WITH ZEROS MEAN = .01079
 POSITIVE WITH ZEROS STANDARD DEVIATION = .03059
 MAXIMUM POSITIVE SAMPLE WITH ZEROS = .12
 NUMBER OF POSITIVE AND ZERO SAMPLES = 1832

 NEGATIVE WITH ZEROS MEAN = -.00927
 NEGATIVE WITH ZEROS STANDARD DEVIATION = .03779
 MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.10
 NUMBER OF NEGATIVE AND ZERO SAMPLES = 1185.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01781
 ABSOLUTE STANDARD DEVIATION = .02241
 NUMBER OF SAMPLES = 2326.

 POSITIVE WITH ZEROS MEAN = .01488
 POSITIVE WITH ZEROS STANDARD DEVIATION = .03923
 MAXIMUM POSITIVE WITH ZEROS SAMPLE = .18
 NUMBER OF POSITIVE AND ZERO SAMPLES = 1680.

 NEGATIVE WITH ZEROS MEAN = -.01335
 NEGATIVE WITH ZEROS STANDARD DEVIATION = .04448
 MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.24
 NUMBER OF NEGATIVE AND ZERO SAMPLES = 1231.

TEST NUMBER : 4S0007
RUN NUMBER : R3-1
DRIVER NUMBER : 19
COURSE LEG : 1
START DISTANCE = 6.0008 MILES
END DISTANCE = 19.9960 MILES
NUMBER OF SAMPLES = 2329

MEAN VELOCITY = 54.10575
VELOCITY STANDARD DEVIATION = 6.49587

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01390
ABSOLUTE STANDARD DEVIATION = .01489
NUMBER OF SAMPLES = 2329.

POSITIVE WITH ZEROS MEAN = .01051
POSITIVE WITH ZEROS STANDARD DEVIATION = .01320
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .11
NUMBER OF POSITIVE AND ZERO SAMPLES = 1670

NEGATIVE WITH ZEROS MEAN = -.01127
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01569
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.12
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1316.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02193
ABSOLUTE STANDARD DEVIATION = .02595
NUMBER OF SAMPLES = 2329.

POSITIVE WITH ZEROS MEAN = .01768
POSITIVE WITH ZEROS STANDARD DEVIATION = .02209
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1407.

NEGATIVE WITH ZEROS MEAN = -.01876
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02769
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1396.

TEST NUMBER : 4S0007
RUN NUMBER : RS-1
DRIVER NUMBER : 19
COURSE LEG : 1
START DISTANCE = 6.0028 MILES
END DISTANCE = 19.9933 MILES
NUMBER OF SAMPLES = 2274

MEAN VELOCITY = 52.98773
VELOCITY STANDARD DEVIATION = 7.61100

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01496
ABSOLUTE STANDARD DEVIATION = .01526
NUMBER OF SAMPLES = 2274.

POSITIVE WITH ZEROS MEAN = .01238
POSITIVE WITH ZEROS STANDARD DEVIATION = .01424
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .11
NUMBER OF POSITIVE AND ZERO SAMPLES = 1554

NEGATIVE WITH ZEROS MEAN = -.01147
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01565
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.12
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1288.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02285
ABSOLUTE STANDARD DEVIATION = .02552
NUMBER OF SAMPLES = 2274.

POSITIVE WITH ZEROS MEAN = .01745
POSITIVE WITH ZEROS STANDARD DEVIATION = .02373
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1138.

NEGATIVE WITH ZEROS MEAN = -.02040
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02554
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.20
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1574.

TEST NUMBER : 4S0007
RUN NUMBER : R7-1
DRIVER NUMBER : 19
COURSE LEG : 1
START DISTANCE = 6.0062 MILES
END DISTANCE = 19.9915 MILES
NUMBER OF SAMPLES = 2269

MEAN VELOCITY = 53.66119
VELOCITY STANDARD DEVIATION = 6.80436

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01530
ABSOLUTE STANDARD DEVIATION = .01513
NUMBER OF SAMPLES = 2269.

POSITIVE WITH ZEROS MEAN = .01334
POSITIVE WITH ZEROS STANDARD DEVIATION = .01399
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .12
NUMBER OF POSITIVE AND ZERO SAMPLES = 1816

NEGATIVE WITH ZEROS MEAN = -.01007
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01600
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1042.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02043
ABSOLUTE STANDARD DEVIATION = .02453
NUMBER OF SAMPLES = 2269.

POSITIVE WITH ZEROS MEAN = .01559
POSITIVE WITH ZEROS STANDARD DEVIATION = .02102
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 1346.

NEGATIVE WITH ZEROS MEAN = -.01865
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02598
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1360.

TEST NUMBER : 490007
 RUN NUMBER : R1-1
 DRIVER NUMBER : 19
 COURSE LEG : 2
 START DISTANCE = 120.0000 MILES
 END DISTANCE = 133.9955 MILES
 NUMBER OF SAMPLES = 2493

 MEAN VELOCITY = 50.52516
 VELOCITY STANDARD DEVIATION = 6.76200

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03354
 ABSOLUTE STANDARD DEVIATION = .03716
 NUMBER OF SAMPLES = 2493.

 POSITIVE WITH ZEROS MEAN = .02599
 POSITIVE WITH ZEROS STANDARD DEVIATION = .04622
 MAXIMUM POSITIVE SAMPLE WITH ZEROS = .20
 NUMBER OF POSITIVE AND ZERO SAMPLES = 1682

 NEGATIVE WITH ZEROS MEAN = -.02975
 NEGATIVE WITH ZEROS STANDARD DEVIATION = .05498
 MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
 NUMBER OF NEGATIVE AND ZERO SAMPLES = 1341.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03884
 ABSOLUTE STANDARD DEVIATION = .03963
 NUMBER OF SAMPLES = 2493.

 POSITIVE WITH ZEROS MEAN = .03663
 POSITIVE WITH ZEROS STANDARD DEVIATION = .06073
 MAXIMUM POSITIVE WITH ZEROS SAMPLE = .34
 NUMBER OF POSITIVE AND ZERO SAMPLES = 1390.

 NEGATIVE WITH ZEROS MEAN = -.03592
 NEGATIVE WITH ZEROS STANDARD DEVIATION = .06032
 MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
 NUMBER OF NEGATIVE AND ZERO SAMPLES = 1278.

TEST NUMBER : 4S0007
RUN NUMBER : R3-1
DRIVER NUMBER : 19
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 133.9994 MILES
NUMBER OF SAMPLES = 2567

MEAN VELOCITY = 48.98027
VELOCITY STANDARD DEVIATION = 9.54281

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03968
ABSOLUTE STANDARD DEVIATION = .04131
NUMBER OF SAMPLES = 2567.

POSITIVE WITH ZEROS MEAN = .03163
POSITIVE WITH ZEROS STANDARD DEVIATION = .03995
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .20
NUMBER OF POSITIVE AND ZERO SAMPLES = 1332

NEGATIVE WITH ZEROS MEAN = -.03762
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04818
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.28
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1588.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03776
ABSOLUTE STANDARD DEVIATION = .03743
NUMBER OF SAMPLES = 2567.

POSITIVE WITH ZEROS MEAN = .03614
POSITIVE WITH ZEROS STANDARD DEVIATION = .04818
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .31
NUMBER OF POSITIVE AND ZERO SAMPLES = 1398.

NEGATIVE WITH ZEROS MEAN = -.03432
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04927
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1352.

TEST NUMBER : 4S0007
RUN NUMBER : R5-1
DRIVER NUMBER : 19
COURSE LEG : 2
START DISTANCE = 119.9957 MILES
END DISTANCE = 133.9872 MILES
NUMBER OF SAMPLES = 2654

MEAN VELOCITY = 47.17226
VELOCITY STANDARD DEVIATION = 11.26845

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03841
ABSOLUTE STANDARD DEVIATION = .03967
NUMBER OF SAMPLES = 2654.

POSITIVE WITH ZEROS MEAN = .03209
POSITIVE WITH ZEROS STANDARD DEVIATION = .03814
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .20
NUMBER OF POSITIVE AND ZERO SAMPLES = 1414

NEGATIVE WITH ZEROS MEAN = -.03575
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04768
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1582.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03334
ABSOLUTE STANDARD DEVIATION = .03347
NUMBER OF SAMPLES = 2654.

POSITIVE WITH ZEROS MEAN = .02906
POSITIVE WITH ZEROS STANDARD DEVIATION = .04413
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .21
NUMBER OF POSITIVE AND ZERO SAMPLES = 1308.

NEGATIVE WITH ZEROS MEAN = -.03015
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04520
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1674.

TEST NUMBER : 450007
RUN NUMBER : R7-1
DRIVER NUMBER : 19
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 134.0000 MILES
NUMBER OF SAMPLES = 2461

MEAN VELOCITY = 50.46000
VELOCITY STANDARD DEVIATION = 7.70019

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03734
ABSOLUTE STANDARD DEVIATION = .03955
NUMBER OF SAMPLES = 2461.

POSITIVE WITH ZEROS MEAN = .03091
POSITIVE WITH ZEROS STANDARD DEVIATION = .04029
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .20
NUMBER OF POSITIVE AND ZERO SAMPLES = 1413

NEGATIVE WITH ZEROS MEAN = -.03343
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04620
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1442.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03647
ABSOLUTE STANDARD DEVIATION = .03790
NUMBER OF SAMPLES = 2461.

POSITIVE WITH ZEROS MEAN = .03374
POSITIVE WITH ZEROS STANDARD DEVIATION = .04737
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .32
NUMBER OF POSITIVE AND ZERO SAMPLES = 1371.

NEGATIVE WITH ZEROS MEAN = -.03244
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04789
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1341.

TEST NUMBER : 4S0007
RUN NUMBER : R1-1
DRIVER NUMBER : 19
COURSE LEG : 3
START DISTANCE = 271.0100 MILES
END DISTANCE = 284.9949 MILES
NUMBER OF SAMPLES = 2469

MEAN VELOCITY = 50.97769
VELOCITY STANDARD DEVIATION = 13.11565

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02391
ABSOLUTE STANDARD DEVIATION = .04740
NUMBER OF SAMPLES = 2469.

POSITIVE WITH ZEROS MEAN = .01619
POSITIVE WITH ZEROS STANDARD DEVIATION = .06044
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 1885

NEGATIVE WITH ZEROS MEAN = -.01896
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07740
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.34
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1504.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01582
ABSOLUTE STANDARD DEVIATION = .02306
NUMBER OF SAMPLES = 2469.

POSITIVE WITH ZEROS MEAN = .01370
POSITIVE WITH ZEROS STANDARD DEVIATION = .06614
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .23
NUMBER OF POSITIVE AND ZERO SAMPLES = 1840.

NEGATIVE WITH ZEROS MEAN = -.00959
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06809
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.16
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1444.

TEST NUMBER : 4S0007
RUN NUMBER : R3-1
DRIVER NUMBER : 19
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 284.9962 MILES
NUMBER OF SAMPLES = 2345

MEAN VELOCITY = 53.84600
VELOCITY STANDARD DEVIATION = 8.61253

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02243
ABSOLUTE STANDARD DEVIATION = .04708
NUMBER OF SAMPLES = 2345.

POSITIVE WITH ZEROS MEAN = .01451
POSITIVE WITH ZEROS STANDARD DEVIATION = .05925
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 1536

NEGATIVE WITH ZEROS MEAN = -.01763
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07443
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.34
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1719.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01794
ABSOLUTE STANDARD DEVIATION = .02277
NUMBER OF SAMPLES = 2345.

POSITIVE WITH ZEROS MEAN = .01375
POSITIVE WITH ZEROS STANDARD DEVIATION = .06652
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .27
NUMBER OF POSITIVE AND ZERO SAMPLES = 1340.

NEGATIVE WITH ZEROS MEAN = -.01486
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05819
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1590.

TEST NUMBER : 4S0007
RUN NUMBER : R7-1
DRIVER NUMBER : 19
COURSE LEG : 3
START DISTANCE = 270.9987 MILES
END DISTANCE = 284.9964 MILES
NUMBER OF SAMPLES = 2347

MEAN VELOCITY = 53.54694
VELOCITY STANDARD DEVIATION = 9.40803

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02202
ABSOLUTE STANDARD DEVIATION = .04342
NUMBER OF SAMPLES = 2347.

POSITIVE WITH ZEROS MEAN = .01536
POSITIVE WITH ZEROS STANDARD DEVIATION = .05382
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 1838

NEGATIVE WITH ZEROS MEAN = -.01670
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07432
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.33
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1403.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01643
ABSOLUTE STANDARD DEVIATION = .01994
NUMBER OF SAMPLES = 2347.

POSITIVE WITH ZEROS MEAN = .01292
POSITIVE WITH ZEROS STANDARD DEVIATION = .07239
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .28
NUMBER OF POSITIVE AND ZERO SAMPLES = 1015.

NEGATIVE WITH ZEROS MEAN = -.01544
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05404
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.11
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1648.

TEST NUMBER : 4S0007
RUN NUMBER : BI1-1
DRIVER NUMBER : 19
COURSE LEG : 4
START DISTANCE = 326.0078 MILES
END DISTANCE = 339.9962 MILES
NUMBER OF SAMPLES = 2320

MEAN VELOCITY = 54.41752
VELOCITY STANDARD DEVIATION = 1.57080

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01673
ABSOLUTE STANDARD DEVIATION = .02286
NUMBER OF SAMPLES = 2320.

POSITIVE WITH ZEROS MEAN = .01235
POSITIVE WITH ZEROS STANDARD DEVIATION = .02562
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .11
NUMBER OF POSITIVE AND ZERO SAMPLES = 1753

NEGATIVE WITH ZEROS MEAN = -.01356
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03048
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.29
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1266.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01847
ABSOLUTE STANDARD DEVIATION = .01755
NUMBER OF SAMPLES = 2320.

POSITIVE WITH ZEROS MEAN = .01664
POSITIVE WITH ZEROS STANDARD DEVIATION = .03004
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1730.

NEGATIVE WITH ZEROS MEAN = -.01267
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03662
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.11
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1110.

TEST NUMBER : 490007
RUN NUMBER : R1-1
DRIVER NUMBER : 19
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 339.9962 MILES
NUMBER OF SAMPLES = 2244

MEAN VELOCITY = 55.34790
VELOCITY STANDARD DEVIATION = 3.76227

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01783
ABSOLUTE STANDARD DEVIATION = .02355
NUMBER OF SAMPLES = 2244.

POSITIVE WITH ZEROS MEAN = .01390
POSITIVE WITH ZEROS STANDARD DEVIATION = .02185
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .12
NUMBER OF POSITIVE AND ZERO SAMPLES = 1725

NEGATIVE WITH ZEROS MEAN = -.01289
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02188
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1243.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01978
ABSOLUTE STANDARD DEVIATION = .02397
NUMBER OF SAMPLES = 2244.

POSITIVE WITH ZEROS MEAN = .01581
POSITIVE WITH ZEROS STANDARD DEVIATION = .01827
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 1479.

NEGATIVE WITH ZEROS MEAN = -.01590
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02710
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.26
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1321.

TEST NUMBER : 4S0007
RUN NUMBER : R3-1
DRIVER NUMBER : 19
COURSE LEG : 4
START DISTANCE = 325.9973 MILES
END DISTANCE = 339.9962 MILES
NUMBER OF SAMPLES = 2229

MEAN VELOCITY = 56.09622
VELOCITY STANDARD DEVIATION = 1.61768

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01728
ABSOLUTE STANDARD DEVIATION = .02208
NUMBER OF SAMPLES = 2229.

POSITIVE WITH ZEROS MEAN = .01172
POSITIVE WITH ZEROS STANDARD DEVIATION = .06453
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1482

NEGATIVE WITH ZEROS MEAN = -.01470
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08680
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.29
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1439.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02043
ABSOLUTE STANDARD DEVIATION = .01935
NUMBER OF SAMPLES = 2229.

POSITIVE WITH ZEROS MEAN = .01530
POSITIVE WITH ZEROS STANDARD DEVIATION = .07398
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 1204.

NEGATIVE WITH ZEROS MEAN = -.01841
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06547
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1473.

TEST NUMBER : 4S0007
RUN NUMBER : R7-1
DRIVER NUMBER : 19
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 339.9988 MILES
NUMBER OF SAMPLES = 2224

MEAN VELOCITY = 56.43596
VELOCITY STANDARD DEVIATION = 1.31002

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01792
ABSOLUTE STANDARD DEVIATION = .02106
NUMBER OF SAMPLES = 2224.

POSITIVE WITH ZEROS MEAN = .01362
POSITIVE WITH ZEROS STANDARD DEVIATION = .06335
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1562

NEGATIVE WITH ZEROS MEAN = -.01453
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08283
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1279.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01828
ABSOLUTE STANDARD DEVIATION = .01670
NUMBER OF SAMPLES = 2224.

POSITIVE WITH ZEROS MEAN = .01417
POSITIVE WITH ZEROS STANDARD DEVIATION = .08427
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .13
NUMBER OF POSITIVE AND ZERO SAMPLES = 812.

NEGATIVE WITH ZEROS MEAN = -.01751
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05810
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1665.

TEST NUMBER : 4S0007
RUN NUMBER : B12-2
DRIVER NUMBER : 23
COURSE LEG : 1
START DISTANCE = 6.0100 MILES
END DISTANCE = 19.9969 MILES
NUMBER OF SAMPLES = 2383

MEAN VELOCITY = 52.82494
VELOCITY STANDARD DEVIATION = 6.91079

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03470
ABSOLUTE STANDARD DEVIATION = .01837
NUMBER OF SAMPLES = 2383.

POSITIVE WITH ZEROS MEAN = .03440
POSITIVE WITH ZEROS STANDARD DEVIATION = .05586
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .12
NUMBER OF POSITIVE AND ZERO SAMPLES = 2330

NEGATIVE WITH ZEROS MEAN = -.01931
NEGATIVE WITH ZEROS STANDARD DEVIATION = .26590
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 131.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02023
ABSOLUTE STANDARD DEVIATION = .02057
NUMBER OF SAMPLES = 2383.

POSITIVE WITH ZEROS MEAN = .01926
POSITIVE WITH ZEROS STANDARD DEVIATION = .06538
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .19
NUMBER OF POSITIVE AND ZERO SAMPLES = 1535.

NEGATIVE WITH ZEROS MEAN = -.01497
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07296
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1246.

TEST NUMBER : 4S0007
RUN NUMBER : R2-2
DRIVER NUMBER : 23
COURSE LEG : 1
START DISTANCE = 6.0039 MILES
END DISTANCE = 19.9973 MILES
NUMBER OF SAMPLES = 2375

MEAN VELOCITY = 53.05198
VELOCITY STANDARD DEVIATION = 6.19570

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01301
ABSOLUTE STANDARD DEVIATION = .01310
NUMBER OF SAMPLES = 2375.

POSITIVE WITH ZEROS MEAN = .00957
POSITIVE WITH ZEROS STANDARD DEVIATION = .01049
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .06
NUMBER OF POSITIVE AND ZERO SAMPLES = 1726

NEGATIVE WITH ZEROS MEAN = -.01081
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01517
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.10
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1331.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02345
ABSOLUTE STANDARD DEVIATION = .02537
NUMBER OF SAMPLES = 2375.

POSITIVE WITH ZEROS MEAN = .02042
POSITIVE WITH ZEROS STANDARD DEVIATION = .02176
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .19
NUMBER OF POSITIVE AND ZERO SAMPLES = 1583.

NEGATIVE WITH ZEROS MEAN = -.01996
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02862
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1171.

TEST NUMBER : 490007
RUN NUMBER : R4-2
DRIVER NUMBER : 23
COURSE LEG : 1
START DISTANCE = 6.0040 MILES
END DISTANCE = 19.9947 MILES
NUMBER OF SAMPLES = 2346

MEAN VELOCITY = 53.69965
VELOCITY STANDARD DEVIATION = 6.13631

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01295
ABSOLUTE STANDARD DEVIATION = .01317
NUMBER OF SAMPLES = 2346.

POSITIVE WITH ZEROS MEAN = .01094
POSITIVE WITH ZEROS STANDARD DEVIATION = .01203
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .07
NUMBER OF POSITIVE AND ZERO SAMPLES = 1888

NEGATIVE WITH ZEROS MEAN = -.00843
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01378
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.08
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1155.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02464
ABSOLUTE STANDARD DEVIATION = .02635
NUMBER OF SAMPLES = 2346.

POSITIVE WITH ZEROS MEAN = .02147
POSITIVE WITH ZEROS STANDARD DEVIATION = .02412
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 1487.

NEGATIVE WITH ZEROS MEAN = -.02056
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02778
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1258.

TEST NUMBER : 490007
RUN NUMBER : R6-2
DRIVER NUMBER : 23
COURSE LEG : 1
START DISTANCE = 6.0020 MILES
END DISTANCE = 19.9980 MILES
NUMBER OF SAMPLES = 2339

MEAN VELOCITY = 53.87781
VELOCITY STANDARD DEVIATION = 6.10831

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01366
ABSOLUTE STANDARD DEVIATION = .01307
NUMBER OF SAMPLES = 2339.

POSITIVE WITH ZEROS MEAN = .01209
POSITIVE WITH ZEROS STANDARD DEVIATION = .01236
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .07
NUMBER OF POSITIVE AND ZERO SAMPLES = 1883

NEGATIVE WITH ZEROS MEAN = -.00836
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01337
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.08
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1099.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02215
ABSOLUTE STANDARD DEVIATION = .02568
NUMBER OF SAMPLES = 2339.

POSITIVE WITH ZEROS MEAN = .01729
POSITIVE WITH ZEROS STANDARD DEVIATION = .02300
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 1338.

NEGATIVE WITH ZEROS MEAN = -.02016
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02658
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1423.

TEST NUMBER : 490007
RUN NUMBER : BI2-2
DRIVER NUMBER : 23
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 133.9984 MILES
NUMBER OF SAMPLES = 2838

MEAN VELOCITY = 44.39248
VELOCITY STANDARD DEVIATION = 15.91166

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04366
ABSOLUTE STANDARD DEVIATION = .03513
NUMBER OF SAMPLES = 2838.

POSITIVE WITH ZEROS MEAN = .04284
POSITIVE WITH ZEROS STANDARD DEVIATION = .07169
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 2423

NEGATIVE WITH ZEROS MEAN = -.03266
NEGATIVE WITH ZEROS STANDARD DEVIATION = .13145
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.32
NUMBER OF NEGATIVE AND ZERO SAMPLES = 616.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03855
ABSOLUTE STANDARD DEVIATION = .04097
NUMBER OF SAMPLES = 2838.

POSITIVE WITH ZEROS MEAN = .03390
POSITIVE WITH ZEROS STANDARD DEVIATION = .07901
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .39
NUMBER OF POSITIVE AND ZERO SAMPLES = 1559.

NEGATIVE WITH ZEROS MEAN = -.03400
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07589
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1663.

TEST NUMBER : 4S0007
RUN NUMBER : R2-2
DRIVER NUMBER : 23
COURSE LEG : 2
START DISTANCE = 120.0100 MILES
END DISTANCE = 134.0000 MILES
NUMBER OF SAMPLES = 2710

MEAN VELOCITY = 46.42349
VELOCITY STANDARD DEVIATION = 14.18070

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03466
ABSOLUTE STANDARD DEVIATION = .03472
NUMBER OF SAMPLES = 2710.

POSITIVE WITH ZEROS MEAN = .02731
POSITIVE WITH ZEROS STANDARD DEVIATION = .03353
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 1348

NEGATIVE WITH ZEROS MEAN = -.03260
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04104
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.27
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1752.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04169
ABSOLUTE STANDARD DEVIATION = .03943
NUMBER OF SAMPLES = 2710.

POSITIVE WITH ZEROS MEAN = .04006
POSITIVE WITH ZEROS STANDARD DEVIATION = .04811
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .31
NUMBER OF POSITIVE AND ZERO SAMPLES = 1701.

NEGATIVE WITH ZEROS MEAN = -.03870
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05383
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1159.

TEST NUMBER : 480007
RUN NUMBER : R4-2
DRIVER NUMBER : 23
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 133.9979 MILES
NUMBER OF SAMPLES = 2443

MEAN VELOCITY = 51.52831
VELOCITY STANDARD DEVIATION = 7.40002

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03287
ABSOLUTE STANDARD DEVIATION = .03635
NUMBER OF SAMPLES = 2443.

POSITIVE WITH ZEROS MEAN = .02623
POSITIVE WITH ZEROS STANDARD DEVIATION = .03527
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1485

NEGATIVE WITH ZEROS MEAN = -.02939
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04287
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.24
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1407.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04290
ABSOLUTE STANDARD DEVIATION = .04154
NUMBER OF SAMPLES = 2443.

POSITIVE WITH ZEROS MEAN = .04084
POSITIVE WITH ZEROS STANDARD DEVIATION = .05345
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .30
NUMBER OF POSITIVE AND ZERO SAMPLES = 1408.

NEGATIVE WITH ZEROS MEAN = -.03784
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05372
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1250.

TEST NUMBER : 450007
RUN NUMBER : R6-2
DRIVER NUMBER : 23
COURSE LEG : 2
START DISTANCE = 120.0100 MILES
END DISTANCE = 134.0000 MILES
NUMBER OF SAMPLES = 2659

MEAN VELOCITY = 47.37756
VELOCITY STANDARD DEVIATION = 10.55122

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03596
ABSOLUTE STANDARD DEVIATION = .03757
NUMBER OF SAMPLES = 2659.

POSITIVE WITH ZEROS MEAN = .03039
POSITIVE WITH ZEROS STANDARD DEVIATION = .03162
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1495

NEGATIVE WITH ZEROS MEAN = -.03251
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04171
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.24
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1544.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03721
ABSOLUTE STANDARD DEVIATION = .03747
NUMBER OF SAMPLES = 2659.

POSITIVE WITH ZEROS MEAN = .03378
POSITIVE WITH ZEROS STANDARD DEVIATION = .03924
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .32
NUMBER OF POSITIVE AND ZERO SAMPLES = 1510.

NEGATIVE WITH ZEROS MEAN = -.03480
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03514
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.20
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1377.

TEST NUMBER : 450007
RUN NUMBER : BI2-2
DRIVER NUMBER : 23
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 284.9980 MILES
NUMBER OF SAMPLES = 2361

MEAN VELOCITY = 53.35962
VELOCITY STANDARD DEVIATION = 10.12117

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04264
ABSOLUTE STANDARD DEVIATION = .04135
NUMBER OF SAMPLES = 2361.

POSITIVE WITH ZEROS MEAN = .03768
POSITIVE WITH ZEROS STANDARD DEVIATION = .04100
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .28
NUMBER OF POSITIVE AND ZERO SAMPLES = 2233

NEGATIVE WITH ZEROS MEAN = -.11182
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10148
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 148.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01815
ABSOLUTE STANDARD DEVIATION = .02758
NUMBER OF SAMPLES = 2361.

POSITIVE WITH ZEROS MEAN = .01677
POSITIVE WITH ZEROS STANDARD DEVIATION = .03615
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .34
NUMBER OF POSITIVE AND ZERO SAMPLES = 1811.

NEGATIVE WITH ZEROS MEAN = -.01046
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03813
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1194.

TEST NUMBER : 4S0007
RUN NUMBER : R2-2
DRIVER NUMBER : 23
COURSE LEG : 3
START DISTANCE = 271.0073 MILES
END DISTANCE = 285.0000 MILES
NUMBER OF SAMPLES = 2435

MEAN VELOCITY = 51.86245
VELOCITY STANDARD DEVIATION = 12.17601

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02106
ABSOLUTE STANDARD DEVIATION = .04547
NUMBER OF SAMPLES = 2435.

POSITIVE WITH ZEROS MEAN = .01305
POSITIVE WITH ZEROS STANDARD DEVIATION = .04932
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .20
NUMBER OF POSITIVE AND ZERO SAMPLES = 1694

NEGATIVE WITH ZEROS MEAN = -.01649
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06956
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.32
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1769.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02085
ABSOLUTE STANDARD DEVIATION = .02433
NUMBER OF SAMPLES = 2435.

POSITIVE WITH ZEROS MEAN = .01912
POSITIVE WITH ZEROS STANDARD DEVIATION = .06206
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .34
NUMBER OF POSITIVE AND ZERO SAMPLES = 1682.

NEGATIVE WITH ZEROS MEAN = -.01566
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06845
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1188.

TEST NUMBER : 490007
RUN NUMBER : R4-2
DRIVER NUMBER : 23
COURSE LEG : 3
START DISTANCE = 271.0100 MILES
END DISTANCE = 284.9994 MILES
NUMBER OF SAMPLES = 2428

MEAN VELOCITY = 51.97636
VELOCITY STANDARD DEVIATION = 11.21948

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02298
ABSOLUTE STANDARD DEVIATION = .04615
NUMBER OF SAMPLES = 2428.

POSITIVE WITH ZEROS MEAN = .01432
POSITIVE WITH ZEROS STANDARD DEVIATION = .03308
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 1855

NEGATIVE WITH ZEROS MEAN = -.01770
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04621
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.26
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1651.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01730
ABSOLUTE STANDARD DEVIATION = .02281
NUMBER OF SAMPLES = 2428.

POSITIVE WITH ZEROS MEAN = .01345
POSITIVE WITH ZEROS STANDARD DEVIATION = .02480
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .29
NUMBER OF POSITIVE AND ZERO SAMPLES = 1536.

NEGATIVE WITH ZEROS MEAN = -.01368
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01746
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1560.

TEST NUMBER : 450007
RUN NUMBER : R6-2
DRIVER NUMBER : 23
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 285.0000 MILES
NUMBER OF SAMPLES = 2400

MEAN VELOCITY = 52.65404
VELOCITY STANDARD DEVIATION = 10.64387

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01987
ABSOLUTE STANDARD DEVIATION = .04026
NUMBER OF SAMPLES = 2400.

POSITIVE WITH ZEROS MEAN = .01343
POSITIVE WITH ZEROS STANDARD DEVIATION = .04812
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .20
NUMBER OF POSITIVE AND ZERO SAMPLES = 1849

NEGATIVE WITH ZEROS MEAN = -.01506
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06828
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.32
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1517.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01774
ABSOLUTE STANDARD DEVIATION = .02196
NUMBER OF SAMPLES = 2400.

POSITIVE WITH ZEROS MEAN = .01369
POSITIVE WITH ZEROS STANDARD DEVIATION = .05721
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .25
NUMBER OF POSITIVE AND ZERO SAMPLES = 1493.

NEGATIVE WITH ZEROS MEAN = -.01540
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05157
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.14
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1438.

TEST NUMBER : 490007
RUN NUMBER : RS-2
DRIVER NUMBER : 23
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 284.9987 MILES
NUMBER OF SAMPLES = 2364

MEAN VELOCITY = 53.42415
VELOCITY STANDARD DEVIATION = 9.25897

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02228
ABSOLUTE STANDARD DEVIATION = .04292
NUMBER OF SAMPLES = 2364.

POSITIVE WITH ZEROS MEAN = .01611
POSITIVE WITH ZEROS STANDARD DEVIATION = .03142
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .24
NUMBER OF POSITIVE AND ZERO SAMPLES = 1797

NEGATIVE WITH ZEROS MEAN = -.01743
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04597
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.27
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1361.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01942
ABSOLUTE STANDARD DEVIATION = .02470
NUMBER OF SAMPLES = 2364.

POSITIVE WITH ZEROS MEAN = .01783
POSITIVE WITH ZEROS STANDARD DEVIATION = .02694
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .33
NUMBER OF POSITIVE AND ZERO SAMPLES = 1551.

NEGATIVE WITH ZEROS MEAN = -.01458
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01894
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1252.

TEST NUMBER : 4S0007
RUN NUMBER : BI2-2
DRIVER NUMBER : 23
COURSE LEG : 4
START DISTANCE = 326.0100 MILES
END DISTANCE = 339.9990 MILES
NUMBER OF SAMPLES = 2232

MEAN VELOCITY = 56.59565
VELOCITY STANDARD DEVIATION = 1.58675

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03098
ABSOLUTE STANDARD DEVIATION = .01967
NUMBER OF SAMPLES = 2232.

POSITIVE WITH ZEROS MEAN = .03048
POSITIVE WITH ZEROS STANDARD DEVIATION = .01950
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 2098

NEGATIVE WITH ZEROS MEAN = -.02199
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02477
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 236.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02214
ABSOLUTE STANDARD DEVIATION = .02040
NUMBER OF SAMPLES = 2232.

POSITIVE WITH ZEROS MEAN = .01995
POSITIVE WITH ZEROS STANDARD DEVIATION = .01914
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .19
NUMBER OF POSITIVE AND ZERO SAMPLES = 1564.

NEGATIVE WITH ZEROS MEAN = -.01742
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02209
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.16
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1046.

TEST NUMBER : 4S0007
RUN NUMBER : R2-2
DRIVER NUMBER : 23
COURSE LEG : 4
START DISTANCE = 326.0081 MILES
END DISTANCE = 340.0000 MILES
NUMBER OF SAMPLES = 2283

MEAN VELOCITY = 55.33754
VELOCITY STANDARD DEVIATION = 1.42023

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01659
ABSOLUTE STANDARD DEVIATION = .02065
NUMBER OF SAMPLES = 2283.

POSITIVE WITH ZEROS MEAN = .01056
POSITIVE WITH ZEROS STANDARD DEVIATION = .05843
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .09
NUMBER OF POSITIVE AND ZERO SAMPLES = 1406

NEGATIVE WITH ZEROS MEAN = -.01477
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07911
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.14
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1559.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02329
ABSOLUTE STANDARD DEVIATION = .02008
NUMBER OF SAMPLES = 2283.

POSITIVE WITH ZEROS MEAN = .02060
POSITIVE WITH ZEROS STANDARD DEVIATION = .07625
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .12
NUMBER OF POSITIVE AND ZERO SAMPLES = 1543.

NEGATIVE WITH ZEROS MEAN = -.01954
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07634
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1095.

TEST NUMBER : 490007
RUN NUMBER : R6-2
DRIVER NUMBER : 23
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 340.0000 MILES
NUMBER OF SAMPLES = 2265

MEAN VELOCITY = 55.79682
VELOCITY STANDARD DEVIATION = 1.29862

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01718
ABSOLUTE STANDARD DEVIATION = .02153
NUMBER OF SAMPLES = 2265.

POSITIVE WITH ZEROS MEAN = .01318
POSITIVE WITH ZEROS STANDARD DEVIATION = .05529
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1694

NEGATIVE WITH ZEROS MEAN = -.01312
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07986
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1264.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01963
ABSOLUTE STANDARD DEVIATION = .01916
NUMBER OF SAMPLES = 2265.

POSITIVE WITH ZEROS MEAN = .01497
POSITIVE WITH ZEROS STANDARD DEVIATION = .06409
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1363.

NEGATIVE WITH ZEROS MEAN = -.01801
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05932
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.14
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1335.

TEST NUMBER : 450007
RUN NUMBER : R8-2
DRIVER NUMBER : 23
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 339.9955 MILES
NUMBER OF SAMPLES = 2302

MEAN VELOCITY = 54.91855
VELOCITY STANDARD DEVIATION = 3.44807

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01750
ABSOLUTE STANDARD DEVIATION = .01929
NUMBER OF SAMPLES = 2302.

POSITIVE WITH ZEROS MEAN = .01347
POSITIVE WITH ZEROS STANDARD DEVIATION = .01753
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1466

NEGATIVE WITH ZEROS MEAN = -.01490
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01979
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.12
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1379.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02309
ABSOLUTE STANDARD DEVIATION = .01802
NUMBER OF SAMPLES = 2302.

POSITIVE WITH ZEROS MEAN = .02044
POSITIVE WITH ZEROS STANDARD DEVIATION = .01694
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .09
NUMBER OF POSITIVE AND ZERO SAMPLES = 1362.

NEGATIVE WITH ZEROS MEAN = -.02033
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02004
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.14
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1245.

TEST NUMBER : 490007
RUN NUMBER : 812-1
DRIVER NUMBER : 24
COURSE LEG : 1
START DISTANCE = 6.0040 MILES
END DISTANCE = 19.9991 MILES
NUMBER OF SAMPLES = 2296

MEAN VELOCITY = 54.90740
VELOCITY STANDARD DEVIATION = 5.37888

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01247
ABSOLUTE STANDARD DEVIATION = .01283
NUMBER OF SAMPLES = 2296.

POSITIVE WITH ZEROS MEAN = .01104
POSITIVE WITH ZEROS STANDARD DEVIATION = .02216
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .07
NUMBER OF POSITIVE AND ZERO SAMPLES = 1936

NEGATIVE WITH ZEROS MEAN = -.00723
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03248
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1004.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01754
ABSOLUTE STANDARD DEVIATION = .02320
NUMBER OF SAMPLES = 2296.

POSITIVE WITH ZEROS MEAN = .01513
POSITIVE WITH ZEROS STANDARD DEVIATION = .03061
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 1667.

NEGATIVE WITH ZEROS MEAN = -.01307
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03906
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1168.

TEST NUMBER : 4S0007
RUN NUMBER : R2-1
DRIVER NUMBER : 24
COURSE LEG : 1
START DISTANCE = 6.0056 MILES
END DISTANCE = 17.8798 MILES
NUMBER OF SAMPLES = 1995

MEAN VELOCITY = 53.59621
VELOCITY STANDARD DEVIATION = 7.54236

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01420
ABSOLUTE STANDARD DEVIATION = .01573
NUMBER OF SAMPLES = 1995.

POSITIVE WITH ZEROS MEAN = .01155
POSITIVE WITH ZEROS STANDARD DEVIATION = .02481
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1602

NEGATIVE WITH ZEROS MEAN = -.01027
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03306
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.11
NUMBER OF NEGATIVE AND ZERO SAMPLES = 955.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01946
ABSOLUTE STANDARD DEVIATION = .02206
NUMBER OF SAMPLES = 1995.

POSITIVE WITH ZEROS MEAN = .01601
POSITIVE WITH ZEROS STANDARD DEVIATION = .03622
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 1207.

NEGATIVE WITH ZEROS MEAN = -.01626
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03225
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1199.

TEST NUMBER : 450007
RUN NUMBER : R4-1
DRIVER NUMBER : 24
COURSE LEG : 1
START DISTANCE = 6.0000 MILES
END DISTANCE = 19.9990 MILES
NUMBER OF SAMPLES = 2316

MEAN VELOCITY = 54.35114
VELOCITY STANDARD DEVIATION = 6.05575

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01254
ABSOLUTE STANDARD DEVIATION = .01476
NUMBER OF SAMPLES = 2316.

POSITIVE WITH ZEROS MEAN = .01035
POSITIVE WITH ZEROS STANDARD DEVIATION = .01168
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .07
NUMBER OF POSITIVE AND ZERO SAMPLES = 1964

NEGATIVE WITH ZEROS MEAN = -.00776
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01694
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1125.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02319
ABSOLUTE STANDARD DEVIATION = .02472
NUMBER OF SAMPLES = 2316.

POSITIVE WITH ZEROS MEAN = .01970
POSITIVE WITH ZEROS STANDARD DEVIATION = .02154
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 1487.

NEGATIVE WITH ZEROS MEAN = -.01965
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02712
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1243.

TEST NUMBER : 490007
RUN NUMBER : R6-1
DRIVER NUMBER : 24
COURSE LEG : 1
START DISTANCE = 6.0051 MILES
END DISTANCE = 17.8677 MILES
NUMBER OF SAMPLES = 1976

MEAN VELOCITY = 54.11706
VELOCITY STANDARD DEVIATION = 6.57308

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01522
ABSOLUTE STANDARD DEVIATION = .01584
NUMBER OF SAMPLES = 1976.

POSITIVE WITH ZEROS MEAN = .01361
POSITIVE WITH ZEROS STANDARD DEVIATION = .06136
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .09
NUMBER OF POSITIVE AND ZERO SAMPLES = 1547

NEGATIVE WITH ZEROS MEAN = -.00949
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09487
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 949.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01883
ABSOLUTE STANDARD DEVIATION = .02484
NUMBER OF SAMPLES = 1976.

POSITIVE WITH ZEROS MEAN = .01283
POSITIVE WITH ZEROS STANDARD DEVIATION = .07911
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 1152.

NEGATIVE WITH ZEROS MEAN = -.01669
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07386
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1343.

TEST NUMBER : 4S0007
RUN NUMBER : R8-1
DRIVER NUMBER : 24
COURSE LEG : 1
START DISTANCE = 6.0025 MILES
END DISTANCE = 20.0000 MILES
NUMBER OF SAMPLES = 2336

MEAN VELOCITY = 53.83972
VELOCITY STANDARD DEVIATION = 5.79706

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01287
ABSOLUTE STANDARD DEVIATION = .01256
NUMBER OF SAMPLES = 2336.

POSITIVE WITH ZEROS MEAN = .01153
POSITIVE WITH ZEROS STANDARD DEVIATION = .01103
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .08
NUMBER OF POSITIVE AND ZERO SAMPLES = 1879

NEGATIVE WITH ZEROS MEAN = -.00784
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01405
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1072.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01818
ABSOLUTE STANDARD DEVIATION = .02402
NUMBER OF SAMPLES = 2336.

POSITIVE WITH ZEROS MEAN = .01529
POSITIVE WITH ZEROS STANDARD DEVIATION = .02385
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 1022.

NEGATIVE WITH ZEROS MEAN = -.01522
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02249
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1763.

TEST NUMBER : 480007
RUN NUMBER : B12-1
DRIVER NUMBER : 24
COURSE LEG : 2
START DISTANCE = 119.9997 MILES
END DISTANCE = 133.9978 MILES
NUMBER OF SAMPLES = 2688

MEAN VELOCITY = 46.90313
VELOCITY STANDARD DEVIATION = 13.25466

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03388
ABSOLUTE STANDARD DEVIATION = .03685
NUMBER OF SAMPLES = 2688.

POSITIVE WITH ZEROS MEAN = .02903
POSITIVE WITH ZEROS STANDARD DEVIATION = .04215
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .24
NUMBER OF POSITIVE AND ZERO SAMPLES = 1694

NEGATIVE WITH ZEROS MEAN = -.02946
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04864
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1422.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03987
ABSOLUTE STANDARD DEVIATION = .04035
NUMBER OF SAMPLES = 2688.

POSITIVE WITH ZEROS MEAN = .03640
POSITIVE WITH ZEROS STANDARD DEVIATION = .05344
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .40
NUMBER OF POSITIVE AND ZERO SAMPLES = 1510.

NEGATIVE WITH ZEROS MEAN = -.03740
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05557
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1396.

TEST NUMBER : 4S0007
RUN NUMBER : R2-1
DRIVER NUMBER : 24
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 132.6494 MILES
NUMBER OF SAMPLES = 2202

MEAN VELOCITY = 51.70077
VELOCITY STANDARD DEVIATION = 7.87380

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03302
ABSOLUTE STANDARD DEVIATION = .03591
NUMBER OF SAMPLES = 2202.

POSITIVE WITH ZEROS MEAN = .02689
POSITIVE WITH ZEROS STANDARD DEVIATION = .04125
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1413

NEGATIVE WITH ZEROS MEAN = -.03057
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05223
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1136.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04239
ABSOLUTE STANDARD DEVIATION = .04320
NUMBER OF SAMPLES = 2202.

POSITIVE WITH ZEROS MEAN = .04122
POSITIVE WITH ZEROS STANDARD DEVIATION = .06110
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .36
NUMBER OF POSITIVE AND ZERO SAMPLES = 1124.

NEGATIVE WITH ZEROS MEAN = -.03794
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05417
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.24
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1239.

TEST NUMBER : 4S0007
RUN NUMBER : R4-1
DRIVER NUMBER : 24
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 134.0000 MILES
NUMBER OF SAMPLES = 2582

MEAN VELOCITY = 48.74680
VELOCITY STANDARD DEVIATION = 10.68778

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03253
ABSOLUTE STANDARD DEVIATION = .03804
NUMBER OF SAMPLES = 2582.

POSITIVE WITH ZEROS MEAN = .02512
POSITIVE WITH ZEROS STANDARD DEVIATION = .03548
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .19
NUMBER OF POSITIVE AND ZERO SAMPLES = 1499

NEGATIVE WITH ZEROS MEAN = -.02921
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04456
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.30
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1587.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03852
ABSOLUTE STANDARD DEVIATION = .03392
NUMBER OF SAMPLES = 2582.

POSITIVE WITH ZEROS MEAN = .03580
POSITIVE WITH ZEROS STANDARD DEVIATION = .04966
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .39
NUMBER OF POSITIVE AND ZERO SAMPLES = 1506.

NEGATIVE WITH ZEROS MEAN = -.03460
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04919
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1316.

TEST NUMBER : 450007
RUN NUMBER : R6-1
DRIVER NUMBER : 24
COURSE LEG : 2
START DISTANCE = 120.0054 MILES
END DISTANCE = 132.5927 MILES
NUMBER OF SAMPLES = 2383

MEAN VELOCITY = 47.55590
VELOCITY STANDARD DEVIATION = 10.41353

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03367
ABSOLUTE STANDARD DEVIATION = .03679
NUMBER OF SAMPLES = 2383.

POSITIVE WITH ZEROS MEAN = .02733
POSITIVE WITH ZEROS STANDARD DEVIATION = .07056
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .18
NUMBER OF POSITIVE AND ZERO SAMPLES = 1494

NEGATIVE WITH ZEROS MEAN = -.03050
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09189
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1292.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03862
ABSOLUTE STANDARD DEVIATION = .03881
NUMBER OF SAMPLES = 2383.

POSITIVE WITH ZEROS MEAN = .03568
POSITIVE WITH ZEROS STANDARD DEVIATION = .08618
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .34
NUMBER OF POSITIVE AND ZERO SAMPLES = 1274.

NEGATIVE WITH ZEROS MEAN = -.03507
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08470
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.20
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1328.

TEST NUMBER : 480007
RUN NUMBER : R8-1
DRIVER NUMBER : 24
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 133.9970 MILES
NUMBER OF SAMPLES = 2532

MEAN VELOCITY = 49.71933
VELOCITY STANDARD DEVIATION = 9.26153

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03506
ABSOLUTE STANDARD DEVIATION = .03951
NUMBER OF SAMPLES = 2532.

POSITIVE WITH ZEROS MEAN = .02825
POSITIVE WITH ZEROS STANDARD DEVIATION = .03607
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .18
NUMBER OF POSITIVE AND ZERO SAMPLES = 1444

NEGATIVE WITH ZEROS MEAN = -.03216
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04665
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.28
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1492.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03445
ABSOLUTE STANDARD DEVIATION = .03930
NUMBER OF SAMPLES = 2532.

POSITIVE WITH ZEROS MEAN = .03392
POSITIVE WITH ZEROS STANDARD DEVIATION = .04957
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .33
NUMBER OF POSITIVE AND ZERO SAMPLES = 1288.

NEGATIVE WITH ZEROS MEAN = -.02739
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04486
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1590.

TEST NUMBER : 450007
RUN NUMBER : B12-1
DRIVER NUMBER : 24
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 281.5552 MILES
NUMBER OF SAMPLES = 1797

MEAN VELOCITY = 52.86392
VELOCITY STANDARD DEVIATION = 11.49278

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02577
ABSOLUTE STANDARD DEVIATION = .04944
NUMBER OF SAMPLES = 1797.

POSITIVE WITH ZEROS MEAN = .01767
POSITIVE WITH ZEROS STANDARD DEVIATION = .05491
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .27
NUMBER OF POSITIVE AND ZERO SAMPLES = 1469

NEGATIVE WITH ZEROS MEAN = -.01946
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07473
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.27
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1045.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01683
ABSOLUTE STANDARD DEVIATION = .02388
NUMBER OF SAMPLES = 1797.

POSITIVE WITH ZEROS MEAN = .01556
POSITIVE WITH ZEROS STANDARD DEVIATION = .04128
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .26
NUMBER OF POSITIVE AND ZERO SAMPLES = 1377.

NEGATIVE WITH ZEROS MEAN = -.01003
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03538
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.24
NUMBER OF NEGATIVE AND ZERO SAMPLES = 880.

TEST NUMBER : 4S0007
RUN NUMBER : R2-1
DRIVER NUMBER : 24
COURSE LEG : 3
START DISTANCE = 270.9966 MILES
END DISTANCE = 284.9960 MILES
NUMBER OF SAMPLES = 2391

MEAN VELOCITY = 52.70848
VELOCITY STANDARD DEVIATION = 10.90939

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02427
ABSOLUTE STANDARD DEVIATION = .04648
NUMBER OF SAMPLES = 2391.

POSITIVE WITH ZEROS MEAN = .01683
POSITIVE WITH ZEROS STANDARD DEVIATION = .05553
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .25
NUMBER OF POSITIVE AND ZERO SAMPLES = 1900

NEGATIVE WITH ZEROS MEAN = -.01799
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07099
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.30
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1448.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01807
ABSOLUTE STANDARD DEVIATION = .02975
NUMBER OF SAMPLES = 2391.

POSITIVE WITH ZEROS MEAN = .01448
POSITIVE WITH ZEROS STANDARD DEVIATION = .06829
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .36
NUMBER OF POSITIVE AND ZERO SAMPLES = 1593.

NEGATIVE WITH ZEROS MEAN = -.01376
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06605
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.26
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1463.

TEST NUMBER : 4S0007
RUN NUMBER : R4-1
DRIVER NUMBER : 24
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 284.9990 MILES
NUMBER OF SAMPLES = 2366

MEAN VELOCITY = 53.36106
VELOCITY STANDARD DEVIATION = 10.18534

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02346
ABSOLUTE STANDARD DEVIATION = .04661
NUMBER OF SAMPLES = 2366.

POSITIVE WITH ZEROS MEAN = .01516
POSITIVE WITH ZEROS STANDARD DEVIATION = .05287
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .25
NUMBER OF POSITIVE AND ZERO SAMPLES = 1817

NEGATIVE WITH ZEROS MEAN = -.01700
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06892
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.27
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1644.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01852
ABSOLUTE STANDARD DEVIATION = .02878
NUMBER OF SAMPLES = 2366.

POSITIVE WITH ZEROS MEAN = .01331
POSITIVE WITH ZEROS STANDARD DEVIATION = .06582
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .33
NUMBER OF POSITIVE AND ZERO SAMPLES = 1482.

NEGATIVE WITH ZEROS MEAN = -.01634
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06431
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.30
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1475.

TEST NUMBER : 4S0007
RUN NUMBER : R6-1
DRIVER NUMBER : 24
COURSE LEG : 3
START DISTANCE = 271.0100 MILES
END DISTANCE = 281.3234 MILES
NUMBER OF SAMPLES = 1889

MEAN VELOCITY = 49.13731
VELOCITY STANDARD DEVIATION = 13.00279

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01971
ABSOLUTE STANDARD DEVIATION = .03506
NUMBER OF SAMPLES = 1889.

POSITIVE WITH ZEROS MEAN = .01343
POSITIVE WITH ZEROS STANDARD DEVIATION = .07938
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .27
NUMBER OF POSITIVE AND ZERO SAMPLES = 1522

NEGATIVE WITH ZEROS MEAN = -.01603
NEGATIVE WITH ZEROS STANDARD DEVIATION = .11389
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1048.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01677
ABSOLUTE STANDARD DEVIATION = .02427
NUMBER OF SAMPLES = 1889.

POSITIVE WITH ZEROS MEAN = .01321
POSITIVE WITH ZEROS STANDARD DEVIATION = .09748
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .29
NUMBER OF POSITIVE AND ZERO SAMPLES = 1254.

NEGATIVE WITH ZEROS MEAN = -.01250
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09777
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.11
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1210.

TEST NUMBER : 480007
RUN NUMBER : R8-1
DRIVER NUMBER : 24
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 285.0000 MILES
NUMBER OF SAMPLES = 2341

MEAN VELOCITY = 53.66575
VELOCITY STANDARD DEVIATION = 10.48681

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02075
ABSOLUTE STANDARD DEVIATION = .04124
NUMBER OF SAMPLES = 2341.

POSITIVE WITH ZEROS MEAN = .01419
POSITIVE WITH ZEROS STANDARD DEVIATION = .05159
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 1742

NEGATIVE WITH ZEROS MEAN = -.01613
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07093
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.30
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1479.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01657
ABSOLUTE STANDARD DEVIATION = .02364
NUMBER OF SAMPLES = 2341.

POSITIVE WITH ZEROS MEAN = .01326
POSITIVE WITH ZEROS STANDARD DEVIATION = .07142
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .35
NUMBER OF POSITIVE AND ZERO SAMPLES = 1118.

NEGATIVE WITH ZEROS MEAN = -.01403
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05278
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1708.

TEST NUMBER : 4S0007
RUN NUMBER : BI2-1
DRIVER NUMBER : 24
COURSE LEG : 4
START DISTANCE = 326.0072 MILES
END DISTANCE = 340.0000 MILES
NUMBER OF SAMPLES = 2243

MEAN VELOCITY = 56.30785
VELOCITY STANDARD DEVIATION = 1.37643

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01609
ABSOLUTE STANDARD DEVIATION = .01966
NUMBER OF SAMPLES = 2243.

POSITIVE WITH ZEROS MEAN = .01184
POSITIVE WITH ZEROS STANDARD DEVIATION = .01719
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1628

NEGATIVE WITH ZEROS MEAN = -.01312
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02012
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1281.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02035
ABSOLUTE STANDARD DEVIATION = .01889
NUMBER OF SAMPLES = 2243.

POSITIVE WITH ZEROS MEAN = .01834
POSITIVE WITH ZEROS STANDARD DEVIATION = .01740
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 1666.

NEGATIVE WITH ZEROS MEAN = -.01491
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02086
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.11
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1012.

TEST NUMBER : 4S0007
RUN NUMBER : R2-1
DRIVER NUMBER : 24
COURSE LEG : 4
START DISTANCE = 326.0100 MILES
END DISTANCE = 336.5402 MILES
NUMBER OF SAMPLES = 1674

MEAN VELOCITY = 56.61371
VELOCITY STANDARD DEVIATION = 1.37782

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01565
ABSOLUTE STANDARD DEVIATION = .01937
NUMBER OF SAMPLES = 1674.

POSITIVE WITH ZEROS MEAN = .01184
POSITIVE WITH ZEROS STANDARD DEVIATION = .07215
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1292

NEGATIVE WITH ZEROS MEAN = -.01289
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09827
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 845.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02249
ABSOLUTE STANDARD DEVIATION = .01985
NUMBER OF SAMPLES = 1674.

POSITIVE WITH ZEROS MEAN = .01874
POSITIVE WITH ZEROS STANDARD DEVIATION = .09023
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 998.

NEGATIVE WITH ZEROS MEAN = -.02005
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08656
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.11
NUMBER OF NEGATIVE AND ZERO SAMPLES = 945.

TEST NUMBER : 4S0007
RUN NUMBER : R6-1
DRIVER NUMBER : 24
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 339.9963 MILES
NUMBER OF SAMPLES = 2253

MEAN VELOCITY = 56.03037
VELOCITY STANDARD DEVIATION = 1.04446

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01618
ABSOLUTE STANDARD DEVIATION = .01981
NUMBER OF SAMPLES = 2253.

POSITIVE WITH ZEROS MEAN = .01210
POSITIVE WITH ZEROS STANDARD DEVIATION = .07680
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1751

NEGATIVE WITH ZEROS MEAN = -.01274
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10971
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.14
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1198.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01919
ABSOLUTE STANDARD DEVIATION = .01902
NUMBER OF SAMPLES = 2253.

POSITIVE WITH ZEROS MEAN = .01487
POSITIVE WITH ZEROS STANDARD DEVIATION = .09565
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .13
NUMBER OF POSITIVE AND ZERO SAMPLES = 1377.

NEGATIVE WITH ZEROS MEAN = -.01624
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09356
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.12
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1401.

TEST NUMBER : 4S0007
RUN NUMBER : R8-1
DRIVER NUMBER : 24
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 339.9963 MILES
NUMBER OF SAMPLES = 2234

MEAN VELOCITY = 56.47017
VELOCITY STANDARD DEVIATION = 4.03489

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01827
ABSOLUTE STANDARD DEVIATION = .02306
NUMBER OF SAMPLES = 2234.

POSITIVE WITH ZEROS MEAN = .01519
POSITIVE WITH ZEROS STANDARD DEVIATION = .06013
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .11
NUMBER OF POSITIVE AND ZERO SAMPLES = 1583

NEGATIVE WITH ZEROS MEAN = -.01376
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08316
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.20
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1219.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01941
ABSOLUTE STANDARD DEVIATION = .02657
NUMBER OF SAMPLES = 2234.

POSITIVE WITH ZEROS MEAN = .01306
POSITIVE WITH ZEROS STANDARD DEVIATION = .07696
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .13
NUMBER OF POSITIVE AND ZERO SAMPLES = 1063.

NEGATIVE WITH ZEROS MEAN = -.01689
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06074
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.33
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1745.

TEST NUMBER : 450007
RUN NUMBER : R7-2
DRIVER NUMBER : 29
COURSE LEG : 1
START DISTANCE = 6.0022 MILES
END DISTANCE = 17.4462 MILES
NUMBER OF SAMPLES = 1910

MEAN VELOCITY = 53.95332
VELOCITY STANDARD DEVIATION = 7.04513

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01555
ABSOLUTE STANDARD DEVIATION = .01701
NUMBER OF SAMPLES = 1910.

POSITIVE WITH ZEROS MEAN = .01302
POSITIVE WITH ZEROS STANDARD DEVIATION = .06333
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1432

NEGATIVE WITH ZEROS MEAN = -.01127
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10578
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.20
NUMBER OF NEGATIVE AND ZERO SAMPLES = 981.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01820
ABSOLUTE STANDARD DEVIATION = .02333
NUMBER OF SAMPLES = 1910.

POSITIVE WITH ZEROS MEAN = .01221
POSITIVE WITH ZEROS STANDARD DEVIATION = .08528
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 1045.

NEGATIVE WITH ZEROS MEAN = -.01542
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07440
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1427.

TEST NUMBER : 490007
RUN NUMBER : R7-2
DRIVER NUMBER : 29
COURSE LEG : 2
START DISTANCE = 120.0100 MILES
END DISTANCE = 131.9827 MILES
NUMBER OF SAMPLES = 2269

MEAN VELOCITY = 47.48982
VELOCITY STANDARD DEVIATION = 10.21199

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03981
ABSOLUTE STANDARD DEVIATION = .03999
NUMBER OF SAMPLES = 2269.

POSITIVE WITH ZEROS MEAN = .03446
POSITIVE WITH ZEROS STANDARD DEVIATION = .07409
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .19
NUMBER OF POSITIVE AND ZERO SAMPLES = 1342

NEGATIVE WITH ZEROS MEAN = -.03691
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10720
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.29
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1194.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03544
ABSOLUTE STANDARD DEVIATION = .03676
NUMBER OF SAMPLES = 2269.

POSITIVE WITH ZEROS MEAN = .03321
POSITIVE WITH ZEROS STANDARD DEVIATION = .08987
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .36
NUMBER OF POSITIVE AND ZERO SAMPLES = 1164.

NEGATIVE WITH ZEROS MEAN = -.03333
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08359
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1253.

TEST NUMBER : 490007
RUN NUMBER : R7-2
DRIVER NUMBER : 29
COURSE LEG : 3
START DISTANCE = 271.0078 MILES
END DISTANCE = 284.9973 MILES
NUMBER OF SAMPLES = 2383

MEAN VELOCITY = 52.88059
VELOCITY STANDARD DEVIATION = 10.76295

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02530
ABSOLUTE STANDARD DEVIATION = .04916
NUMBER OF SAMPLES = 2383.

POSITIVE WITH ZEROS MEAN = .01809
POSITIVE WITH ZEROS STANDARD DEVIATION = .08203
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .27
NUMBER OF POSITIVE AND ZERO SAMPLES = 1723

NEGATIVE WITH ZEROS MEAN = -.01937
NEGATIVE WITH ZEROS STANDARD DEVIATION = .11202
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.32
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1504.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01953
ABSOLUTE STANDARD DEVIATION = .02637
NUMBER OF SAMPLES = 2383.

POSITIVE WITH ZEROS MEAN = .01564
POSITIVE WITH ZEROS STANDARD DEVIATION = .10646
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .33
NUMBER OF POSITIVE AND ZERO SAMPLES = 1046.

NEGATIVE WITH ZEROS MEAN = -.01792
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08378
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1685.

TEST NUMBER : 450007
RUN NUMBER : R7-2
DRIVER NUMBER : 29
COURSE LEG : 4
START DISTANCE = 326.0066 MILES
END DISTANCE = 336.5456 MILES
NUMBER OF SAMPLES = 1693

MEAN VELOCITY = 56.04314
VELOCITY STANDARD DEVIATION = 4.24474

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01926
ABSOLUTE STANDARD DEVIATION = .02627
NUMBER OF SAMPLES = 1693.

POSITIVE WITH ZEROS MEAN = .01608
POSITIVE WITH ZEROS STANDARD DEVIATION = .10193
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .20
NUMBER OF POSITIVE AND ZERO SAMPLES = 1239

NEGATIVE WITH ZEROS MEAN = -.01377
NEGATIVE WITH ZEROS STANDARD DEVIATION = .14749
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.27
NUMBER OF NEGATIVE AND ZERO SAMPLES = 921.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02019
ABSOLUTE STANDARD DEVIATION = .02598
NUMBER OF SAMPLES = 1693.

POSITIVE WITH ZEROS MEAN = .01588
POSITIVE WITH ZEROS STANDARD DEVIATION = .12125
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 847.

NEGATIVE WITH ZEROS MEAN = -.01900
NEGATIVE WITH ZEROS STANDARD DEVIATION = .11025
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.32
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1091.

TEST NUMBER : 450008
RUN NUMBER : R1-1
DRIVER NUMBER : 10
COURSE LEG : 1
START DISTANCE = 6.0049 MILES
END DISTANCE = 19.9995 MILES
NUMBER OF SAMPLES = 2349

MEAN VELOCITY = 53.66621
VELOCITY STANDARD DEVIATION = 4.89132

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01233
ABSOLUTE STANDARD DEVIATION = .01542
NUMBER OF SAMPLES = 2349.

POSITIVE WITH ZEROS MEAN = .00929
POSITIVE WITH ZEROS STANDARD DEVIATION = .02523
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .06
NUMBER OF POSITIVE AND ZERO SAMPLES = 1798

NEGATIVE WITH ZEROS MEAN = -.01165
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04749
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1052.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01746
ABSOLUTE STANDARD DEVIATION = .02484
NUMBER OF SAMPLES = 2349.

POSITIVE WITH ZEROS MEAN = .01313
POSITIVE WITH ZEROS STANDARD DEVIATION = .02888
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .21
NUMBER OF POSITIVE AND ZERO SAMPLES = 1882.

NEGATIVE WITH ZEROS MEAN = -.01279
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04279
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.26
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1274.

TEST NUMBER : 490008
RUN NUMBER : R3-1
DRIVER NUMBER : 10
COURSE LEG : 1
START DISTANCE = 6.0051 MILES
END DISTANCE = 19.9995 MILES
NUMBER OF SAMPLES = 2355

MEAN VELOCITY = 53.48723
VELOCITY STANDARD DEVIATION = 5.36514

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01353
ABSOLUTE STANDARD DEVIATION = .01646
NUMBER OF SAMPLES = 2355.

POSITIVE WITH ZEROS MEAN = .00826
POSITIVE WITH ZEROS STANDARD DEVIATION = .01088
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .07
NUMBER OF POSITIVE AND ZERO SAMPLES = 1628

NEGATIVE WITH ZEROS MEAN = -.01226
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01896
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.23
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1503.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02019
ABSOLUTE STANDARD DEVIATION = .02967
NUMBER OF SAMPLES = 2355.

POSITIVE WITH ZEROS MEAN = .01344
POSITIVE WITH ZEROS STANDARD DEVIATION = .02144
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 1580.

NEGATIVE WITH ZEROS MEAN = -.01630
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03140
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1615.

TEST NUMBER : 450008
RUN NUMBER : R5-1
DRIVER NUMBER : 10
COURSE LEG : 1
START DISTANCE = 6.0032 MILES
END DISTANCE = 19.9981 MILES
NUMBER OF SAMPLES = 2334

MEAN VELOCITY = 53.42377
VELOCITY STANDARD DEVIATION = 5.50842

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01181
ABSOLUTE STANDARD DEVIATION = .01741
NUMBER OF SAMPLES = 2334.

POSITIVE WITH ZEROS MEAN = .00924
POSITIVE WITH ZEROS STANDARD DEVIATION = .00914
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .06
NUMBER OF POSITIVE AND ZERO SAMPLES = 1907

NEGATIVE WITH ZEROS MEAN = -.00948
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02427
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.29
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1048.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01924
ABSOLUTE STANDARD DEVIATION = .02653
NUMBER OF SAMPLES = 2334.

POSITIVE WITH ZEROS MEAN = .01549
POSITIVE WITH ZEROS STANDARD DEVIATION = .02123
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 1595.

NEGATIVE WITH ZEROS MEAN = -.01648
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02958
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1226.

TEST NUMBER : 450008
RUN NUMBER : R7-1
DRIVER NUMBER : 10
COURSE LEG : 1
START DISTANCE = 6.0034 MILES
END DISTANCE = 17.8439 MILES
NUMBER OF SAMPLES = 1988

MEAN VELOCITY = 53.68911
VELOCITY STANDARD DEVIATION = 5.20540

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01448
ABSOLUTE STANDARD DEVIATION = .01750
NUMBER OF SAMPLES = 1988.

POSITIVE WITH ZEROS MEAN = .01170
POSITIVE WITH ZEROS STANDARD DEVIATION = .09113
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .08
NUMBER OF POSITIVE AND ZERO SAMPLES = 1613

NEGATIVE WITH ZEROS MEAN = -.01258
NEGATIVE WITH ZEROS STANDARD DEVIATION = .16203
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.27
NUMBER OF NEGATIVE AND ZERO SAMPLES = 788.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01939
ABSOLUTE STANDARD DEVIATION = .02724
NUMBER OF SAMPLES = 1988.

POSITIVE WITH ZEROS MEAN = .01345
POSITIVE WITH ZEROS STANDARD DEVIATION = .09862
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1358.

NEGATIVE WITH ZEROS MEAN = -.01572
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10698
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1290.

TEST NUMBER : 450008
RUN NUMBER : R3-1
DRIVER NUMBER : 10
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 134.0000 MILES
NUMBER OF SAMPLES = 2519

MEAN VELOCITY = 49.65652
VELOCITY STANDARD DEVIATION = 7.21277

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02981
ABSOLUTE STANDARD DEVIATION = .04215
NUMBER OF SAMPLES = 2519.

POSITIVE WITH ZEROS MEAN = .02056
POSITIVE WITH ZEROS STANDARD DEVIATION = .03059
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 1468

NEGATIVE WITH ZEROS MEAN = -.02771
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05296
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.28
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1621.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04014
ABSOLUTE STANDARD DEVIATION = .04155
NUMBER OF SAMPLES = 2519.

POSITIVE WITH ZEROS MEAN = .03411
POSITIVE WITH ZEROS STANDARD DEVIATION = .04599
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .26
NUMBER OF POSITIVE AND ZERO SAMPLES = 1549.

NEGATIVE WITH ZEROS MEAN = -.03823
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05981
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.27
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1263.

TEST NUMBER : 450008
RUN NUMBER : R5-1
DRIVER NUMBER : 10
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 133.9961 MILES
NUMBER OF SAMPLES = 2479

MEAN VELOCITY = 50.30462
VELOCITY STANDARD DEVIATION = 6.87409

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03038
ABSOLUTE STANDARD DEVIATION = .04111
NUMBER OF SAMPLES = 2479.

POSITIVE WITH ZEROS MEAN = .02235
POSITIVE WITH ZEROS STANDARD DEVIATION = .02963
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .19
NUMBER OF POSITIVE AND ZERO SAMPLES = 1565

NEGATIVE WITH ZEROS MEAN = -.03037
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05578
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1328.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03744
ABSOLUTE STANDARD DEVIATION = .04195
NUMBER OF SAMPLES = 2479.

POSITIVE WITH ZEROS MEAN = .03625
POSITIVE WITH ZEROS STANDARD DEVIATION = .04995
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .28
NUMBER OF POSITIVE AND ZERO SAMPLES = 1410.

NEGATIVE WITH ZEROS MEAN = -.03191
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05281
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1307.

TEST NUMBER : 450008
RUN NUMBER : R1-1
DRIVER NUMBER : 10
COURSE LEG : 3
START DISTANCE = 270.9964 MILES
END DISTANCE = 284.9963 MILES
NUMBER OF SAMPLES = 2489

MEAN VELOCITY = 50.63509
VELOCITY STANDARD DEVIATION = 10.89552

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02368
ABSOLUTE STANDARD DEVIATION = .04795
NUMBER OF SAMPLES = 2489.

POSITIVE WITH ZEROS MEAN = .01583
POSITIVE WITH ZEROS STANDARD DEVIATION = .04487
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .27
NUMBER OF POSITIVE AND ZERO SAMPLES = 1888

NEGATIVE WITH ZEROS MEAN = -.01762
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06108
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.32
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1648.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01541
ABSOLUTE STANDARD DEVIATION = .02609
NUMBER OF SAMPLES = 2489.

POSITIVE WITH ZEROS MEAN = .01146
POSITIVE WITH ZEROS STANDARD DEVIATION = .03921
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 1980.

NEGATIVE WITH ZEROS MEAN = -.01022
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04609
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.20
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1533.

TEST NUMBER : 4S0008
RUN NUMBER : R3-1
DRIVER NUMBER : 10
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 285.0000 MILES
NUMBER OF SAMPLES = 2465

MEAN VELOCITY = 51.11099
VELOCITY STANDARD DEVIATION = 10.44759

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02102
ABSOLUTE STANDARD DEVIATION = .04573
NUMBER OF SAMPLES = 2465.

POSITIVE WITH ZEROS MEAN = .01149
POSITIVE WITH ZEROS STANDARD DEVIATION = .04533
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 1818

NEGATIVE WITH ZEROS MEAN = -.01545
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06916
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.33
NUMBER OF NEGATIVE AND ZERO SAMPLES = 2002.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01873
ABSOLUTE STANDARD DEVIATION = .03012
NUMBER OF SAMPLES = 2465.

POSITIVE WITH ZEROS MEAN = .01291
POSITIVE WITH ZEROS STANDARD DEVIATION = .05886
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .21
NUMBER OF POSITIVE AND ZERO SAMPLES = 1703.

NEGATIVE WITH ZEROS MEAN = -.01779
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07637
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.29
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1360.

TEST NUMBER : 4S0008
RUN NUMBER : R5-1
DRIVER NUMBER : 10
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 284.9962 MILES
NUMBER OF SAMPLES = 2460

MEAN VELOCITY = 50.93578
VELOCITY STANDARD DEVIATION = 10.30509

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02201
ABSOLUTE STANDARD DEVIATION = .04416
NUMBER OF SAMPLES = 2460.

POSITIVE WITH ZEROS MEAN = .01414
POSITIVE WITH ZEROS STANDARD DEVIATION = .04734
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .27
NUMBER OF POSITIVE AND ZERO SAMPLES = 1807

NEGATIVE WITH ZEROS MEAN = -.01693
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07139
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.32
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1689.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01405
ABSOLUTE STANDARD DEVIATION = .02584
NUMBER OF SAMPLES = 2460.

POSITIVE WITH ZEROS MEAN = .01054
POSITIVE WITH ZEROS STANDARD DEVIATION = .06183
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .23
NUMBER OF POSITIVE AND ZERO SAMPLES = 1569.

NEGATIVE WITH ZEROS MEAN = -.01093
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06086
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1649.

TEST NUMBER : 480008
RUN NUMBER : B11-1
DRIVER NUMBER : 10
COURSE LEG : 4
START DISTANCE = 325.9984 MILES
END DISTANCE = 339.9962 MILES
NUMBER OF SAMPLES = 2339

MEAN VELOCITY = 53.94699
VELOCITY STANDARD DEVIATION = 4.84294

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01855
ABSOLUTE STANDARD DEVIATION = .02992
NUMBER OF SAMPLES = 2339.

POSITIVE WITH ZEROS MEAN = .01380
POSITIVE WITH ZEROS STANDARD DEVIATION = .01877
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .12
NUMBER OF POSITIVE AND ZERO SAMPLES = 1862

NEGATIVE WITH ZEROS MEAN = -.01895
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04079
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.32
NUMBER OF NEGATIVE AND ZERO SAMPLES = 934.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01729
ABSOLUTE STANDARD DEVIATION = .02592
NUMBER OF SAMPLES = 2339.

POSITIVE WITH ZEROS MEAN = .01166
POSITIVE WITH ZEROS STANDARD DEVIATION = .01883
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 1860.

NEGATIVE WITH ZEROS MEAN = -.01200
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02693
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1562.

TEST NUMBER : 450008
RUN NUMBER : R1-1
DRIVER NUMBER : 10
COURSE LEG : 4
START DISTANCE = 325.9984 MILES
END DISTANCE = 339.9962 MILES
NUMBER OF SAMPLES = 2333

MEAN VELOCITY = 53.94387
VELOCITY STANDARD DEVIATION = 4.84877

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01859
ABSOLUTE STANDARD DEVIATION = .02995
NUMBER OF SAMPLES = 2333.

POSITIVE WITH ZEROS MEAN = .01383
POSITIVE WITH ZEROS STANDARD DEVIATION = .01879
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .12
NUMBER OF POSITIVE AND ZERO SAMPLES = 1856

NEGATIVE WITH ZEROS MEAN = -.01901
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04084
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.32
NUMBER OF NEGATIVE AND ZERO SAMPLES = 931.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01731
ABSOLUTE STANDARD DEVIATION = .02594
NUMBER OF SAMPLES = 2333.

POSITIVE WITH ZEROS MEAN = .01163
POSITIVE WITH ZEROS STANDARD DEVIATION = .01885
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 1854.

NEGATIVE WITH ZEROS MEAN = -.01203
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02696
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1558.

TEST NUMBER : 450008
RUN NUMBER : R3-1
DRIVER NUMBER : 10
COURSE LEG : 4
START DISTANCE = 326.0079 MILES
END DISTANCE = 340.0000 MILES
NUMBER OF SAMPLES = 2267

MEAN VELOCITY = 54.74399
VELOCITY STANDARD DEVIATION = 2.90990

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01985
ABSOLUTE STANDARD DEVIATION = .03075
NUMBER OF SAMPLES = 2267.

POSITIVE WITH ZEROS MEAN = .01192
POSITIVE WITH ZEROS STANDARD DEVIATION = .05560
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1448

NEGATIVE WITH ZEROS MEAN = -.01861
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08923
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.37
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1491.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02001
ABSOLUTE STANDARD DEVIATION = .02320
NUMBER OF SAMPLES = 2267.

POSITIVE WITH ZEROS MEAN = .01263
POSITIVE WITH ZEROS STANDARD DEVIATION = .07081
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .18
NUMBER OF POSITIVE AND ZERO SAMPLES = 1350.

NEGATIVE WITH ZEROS MEAN = -.01695
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07424
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1671.

TEST NUMBER : 450008
RUN NUMBER : R5-1
DRIVER NUMBER : 10
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 340.0000 MILES
NUMBER OF SAMPLES = 2310

MEAN VELOCITY = 54.49575
VELOCITY STANDARD DEVIATION = 2.46138

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02039
ABSOLUTE STANDARD DEVIATION = .02634
NUMBER OF SAMPLES = 2310.

POSITIVE WITH ZEROS MEAN = .01554
POSITIVE WITH ZEROS STANDARD DEVIATION = .05569
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .13
NUMBER OF POSITIVE AND ZERO SAMPLES = 1625

NEGATIVE WITH ZEROS MEAN = -.01894
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09417
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1153.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01768
ABSOLUTE STANDARD DEVIATION = .02199
NUMBER OF SAMPLES = 2310.

POSITIVE WITH ZEROS MEAN = .01524
POSITIVE WITH ZEROS STANDARD DEVIATION = .06920
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 1426.

NEGATIVE WITH ZEROS MEAN = -.01294
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06839
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1478.

TEST NUMBER : 450008
RUN NUMBER : R7-1
DRIVER NUMBER : 10
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 336.5505 MILES
NUMBER OF SAMPLES = 1726

MEAN VELOCITY = 55.01396
VELOCITY STANDARD DEVIATION = 2.32071

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02009
ABSOLUTE STANDARD DEVIATION = .02452
NUMBER OF SAMPLES = 1726.

POSITIVE WITH ZEROS MEAN = .01613
POSITIVE WITH ZEROS STANDARD DEVIATION = .11613
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .26
NUMBER OF POSITIVE AND ZERO SAMPLES = 1219

NEGATIVE WITH ZEROS MEAN = -.01811
NEGATIVE WITH ZEROS STANDARD DEVIATION = .17489
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.26
NUMBER OF NEGATIVE AND ZERO SAMPLES = 829.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01902
ABSOLUTE STANDARD DEVIATION = .02248
NUMBER OF SAMPLES = 1726.

POSITIVE WITH ZEROS MEAN = .01475
POSITIVE WITH ZEROS STANDARD DEVIATION = .11638
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .19
NUMBER OF POSITIVE AND ZERO SAMPLES = 1093.

NEGATIVE WITH ZEROS MEAN = -.01465
NEGATIVE WITH ZEROS STANDARD DEVIATION = .12088
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1140.

TEST NUMBER : 450008
RUN NUMBER : R2-1
DRIVER NUMBER : 12
COURSE LEG : 1
START DISTANCE = 6.0053 MILES
END DISTANCE = 17.9926 MILES
NUMBER OF SAMPLES = 2221

MEAN VELOCITY = 48.65044
VELOCITY STANDARD DEVIATION = 14.87683

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01564
ABSOLUTE STANDARD DEVIATION = .02403
NUMBER OF SAMPLES = 2221.

POSITIVE WITH ZEROS MEAN = .01100
POSITIVE WITH ZEROS STANDARD DEVIATION = .02754
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .12
NUMBER OF POSITIVE AND ZERO SAMPLES = 1724

NEGATIVE WITH ZEROS MEAN = -.01500
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04182
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1052.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01768
ABSOLUTE STANDARD DEVIATION = .02552
NUMBER OF SAMPLES = 2221.

POSITIVE WITH ZEROS MEAN = .01267
POSITIVE WITH ZEROS STANDARD DEVIATION = .02894
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1707.

NEGATIVE WITH ZEROS MEAN = -.01326
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03685
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1331.

TEST NUMBER : 450008
RUN NUMBER : R4-1
DRIVER NUMBER : 12
COURSE LEG : 1
START DISTANCE = 6.0016 MILES
END DISTANCE = 17.1723 MILES
NUMBER OF SAMPLES = 1885

MEAN VELOCITY = 53.39445
VELOCITY STANDARD DEVIATION = 5.57970

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01110
ABSOLUTE STANDARD DEVIATION = .01303
NUMBER OF SAMPLES = 1885.

POSITIVE WITH ZEROS MEAN = .00873
POSITIVE WITH ZEROS STANDARD DEVIATION = .10249
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .06
NUMBER OF POSITIVE AND ZERO SAMPLES = 1588

NEGATIVE WITH ZEROS MEAN = -.00802
NEGATIVE WITH ZEROS STANDARD DEVIATION = .15776
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.14
NUMBER OF NEGATIVE AND ZERO SAMPLES = 881.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01966
ABSOLUTE STANDARD DEVIATION = .02732
NUMBER OF SAMPLES = 1885.

POSITIVE WITH ZEROS MEAN = .01495
POSITIVE WITH ZEROS STANDARD DEVIATION = .11640
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1454.

NEGATIVE WITH ZEROS MEAN = -.01440
NEGATIVE WITH ZEROS STANDARD DEVIATION = .14522
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.29
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1063.

TEST NUMBER : 450008
RUN NUMBER : R6-1
DRIVER NUMBER : 12
COURSE LEG : 1
START DISTANCE = 6.0055 MILES
END DISTANCE = 17.8821 MILES
NUMBER OF SAMPLES = 1989

MEAN VELOCITY = 53.76932
VELOCITY STANDARD DEVIATION = 5.30630

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01060
ABSOLUTE STANDARD DEVIATION = .01266
NUMBER OF SAMPLES = 1989.

POSITIVE WITH ZEROS MEAN = .00875
POSITIVE WITH ZEROS STANDARD DEVIATION = .08491
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .07
NUMBER OF POSITIVE AND ZERO SAMPLES = 1668

NEGATIVE WITH ZEROS MEAN = -.00728
NEGATIVE WITH ZEROS STANDARD DEVIATION = .14886
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 892.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01861
ABSOLUTE STANDARD DEVIATION = .02619
NUMBER OF SAMPLES = 1989.

POSITIVE WITH ZEROS MEAN = .01514
POSITIVE WITH ZEROS STANDARD DEVIATION = .10821
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 1224.

NEGATIVE WITH ZEROS MEAN = -.01522
NEGATIVE WITH ZEROS STANDARD DEVIATION = .11321
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1215.

TEST NUMBER : 450008
RUN NUMBER : RB-1
DRIVER NUMBER : 12
COURSE LEG : 1
START DISTANCE = 6.0027 MILES
END DISTANCE = 17.8785 MILES
NUMBER OF SAMPLES = 2005

MEAN VELOCITY = 53.36269
VELOCITY STANDARD DEVIATION = 5.91332

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01046
ABSOLUTE STANDARD DEVIATION = .01551
NUMBER OF SAMPLES = 2005.

POSITIVE WITH ZEROS MEAN = .00714
POSITIVE WITH ZEROS STANDARD DEVIATION = .10907
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .07
NUMBER OF POSITIVE AND ZERO SAMPLES = 1583

NEGATIVE WITH ZEROS MEAN = -.00789
NEGATIVE WITH ZEROS STANDARD DEVIATION = .15460
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1226.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01923
ABSOLUTE STANDARD DEVIATION = .02705
NUMBER OF SAMPLES = 2005.

POSITIVE WITH ZEROS MEAN = .01440
POSITIVE WITH ZEROS STANDARD DEVIATION = .12335
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1264.

NEGATIVE WITH ZEROS MEAN = -.01658
NEGATIVE WITH ZEROS STANDARD DEVIATION = .13872
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1228.

TEST NUMBER : 450008
RUN NUMBER : R2-1
DRIVER NUMBER : 12
COURSE LEG : 2
START DISTANCE = 119.9985 MILES
END DISTANCE = 132.5698 MILES
NUMBER OF SAMPLES = 2264

MEAN VELOCITY = 50.02023
VELOCITY STANDARD DEVIATION = 7.04298

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03029
ABSOLUTE STANDARD DEVIATION = .04104
NUMBER OF SAMPLES = 2264.

POSITIVE WITH ZEROS MEAN = .02056
POSITIVE WITH ZEROS STANDARD DEVIATION = .04041
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 1615

NEGATIVE WITH ZEROS MEAN = -.02997
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06578
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.30
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1180.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04065
ABSOLUTE STANDARD DEVIATION = .04237
NUMBER OF SAMPLES = 2264.

POSITIVE WITH ZEROS MEAN = .03435
POSITIVE WITH ZEROS STANDARD DEVIATION = .05421
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .23
NUMBER OF POSITIVE AND ZERO SAMPLES = 1371.

NEGATIVE WITH ZEROS MEAN = -.03539
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05829
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1270.

TEST NUMBER : 490008
RUN NUMBER : R4-1
DRIVER NUMBER : 12
COURSE LEG : 2
START DISTANCE = 120.0054 MILES
END DISTANCE = 132.5335 MILES
NUMBER OF SAMPLES = 2287

MEAN VELOCITY = 49.31954
VELOCITY STANDARD DEVIATION = 7.50938

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03236
ABSOLUTE STANDARD DEVIATION = .04055
NUMBER OF SAMPLES = 2287.

POSITIVE WITH ZEROS MEAN = .02284
POSITIVE WITH ZEROS STANDARD DEVIATION = .10605
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 1604

NEGATIVE WITH ZEROS MEAN = -.03162
NEGATIVE WITH ZEROS STANDARD DEVIATION = .14507
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1182.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04135
ABSOLUTE STANDARD DEVIATION = .04238
NUMBER OF SAMPLES = 2287.

POSITIVE WITH ZEROS MEAN = .03626
POSITIVE WITH ZEROS STANDARD DEVIATION = .12987
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .25
NUMBER OF POSITIVE AND ZERO SAMPLES = 1324.

NEGATIVE WITH ZEROS MEAN = -.03643
NEGATIVE WITH ZEROS STANDARD DEVIATION = .13962
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.23
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1278.

TEST NUMBER : 450008
RUN NUMBER : R6-1
DRIVER NUMBER : 12
COURSE LEG : 2
START DISTANCE = 119.9997 MILES
END DISTANCE = 132.3879 MILES
NUMBER OF SAMPLES = 2182

MEAN VELOCITY = 51.13965
VELOCITY STANDARD DEVIATION = 7.06370

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03615
ABSOLUTE STANDARD DEVIATION = .04610
NUMBER OF SAMPLES = 2182.

POSITIVE WITH ZEROS MEAN = .02517
POSITIVE WITH ZEROS STANDARD DEVIATION = .09470
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 1535

NEGATIVE WITH ZEROS MEAN = -.03265
NEGATIVE WITH ZEROS STANDARD DEVIATION = .13780
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1232.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03683
ABSOLUTE STANDARD DEVIATION = .04162
NUMBER OF SAMPLES = 2182.

POSITIVE WITH ZEROS MEAN = .03339
POSITIVE WITH ZEROS STANDARD DEVIATION = .12064
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .35
NUMBER OF POSITIVE AND ZERO SAMPLES = 1144.

NEGATIVE WITH ZEROS MEAN = -.03180
NEGATIVE WITH ZEROS STANDARD DEVIATION = .11632
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.26
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1326.

TEST NUMBER : 450008
RUN NUMBER : R8-1
DRIVER NUMBER : 12
COURSE LEG : 2
START DISTANCE = 120.0100 MILES
END DISTANCE = 132.6699 MILES
NUMBER OF SAMPLES = 2230

MEAN VELOCITY = 51.09356
VELOCITY STANDARD DEVIATION = 7.20039

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03182
ABSOLUTE STANDARD DEVIATION = .04508
NUMBER OF SAMPLES = 2230.

POSITIVE WITH ZEROS MEAN = .02183
POSITIVE WITH ZEROS STANDARD DEVIATION = .11641
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 1494

NEGATIVE WITH ZEROS MEAN = -.02842
NEGATIVE WITH ZEROS STANDARD DEVIATION = .15648
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1349.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04251
ABSOLUTE STANDARD DEVIATION = .04344
NUMBER OF SAMPLES = 2230.

POSITIVE WITH ZEROS MEAN = .03896
POSITIVE WITH ZEROS STANDARD DEVIATION = .13338
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .29
NUMBER OF POSITIVE AND ZERO SAMPLES = 1226.

NEGATIVE WITH ZEROS MEAN = -.03693
NEGATIVE WITH ZEROS STANDARD DEVIATION = .14366
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1274.

TEST NUMBER : 450008
RUN NUMBER : B12-1
DRIVER NUMBER : 12
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 284.9962 MILES
NUMBER OF SAMPLES = 2473

MEAN VELOCITY = 51.00969
VELOCITY STANDARD DEVIATION = 10.44329

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02112
ABSOLUTE STANDARD DEVIATION = .04679
NUMBER OF SAMPLES = 2473.

POSITIVE WITH ZEROS MEAN = .01340
POSITIVE WITH ZEROS STANDARD DEVIATION = .02852
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .27
NUMBER OF POSITIVE AND ZERO SAMPLES = 2212

NEGATIVE WITH ZEROS MEAN = -.02036
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05900
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.32
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1110.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01350
ABSOLUTE STANDARD DEVIATION = .03692
NUMBER OF SAMPLES = 2473.

POSITIVE WITH ZEROS MEAN = .00761
POSITIVE WITH ZEROS STANDARD DEVIATION = .02468
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .32
NUMBER OF POSITIVE AND ZERO SAMPLES = 2085.

NEGATIVE WITH ZEROS MEAN = -.01006
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03599
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.32
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1741.

TEST NUMBER : 450008
RUN NUMBER : R2-1
DRIVER NUMBER : 12
COURSE LEG : 3
START DISTANCE = 271.0057 MILES
END DISTANCE = 283.1140 MILES
NUMBER OF SAMPLES = 2134

MEAN VELOCITY = 51.08381
VELOCITY STANDARD DEVIATION = 11.28679

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02030
ABSOLUTE STANDARD DEVIATION = .04899
NUMBER OF SAMPLES = 2134.

POSITIVE WITH ZEROS MEAN = .01248
POSITIVE WITH ZEROS STANDARD DEVIATION = .05255
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .29
NUMBER OF POSITIVE AND ZERO SAMPLES = 1944

NEGATIVE WITH ZEROS MEAN = -.01359
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08257
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.36
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1402.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01333
ABSOLUTE STANDARD DEVIATION = .02439
NUMBER OF SAMPLES = 2134.

POSITIVE WITH ZEROS MEAN = .00916
POSITIVE WITH ZEROS STANDARD DEVIATION = .06172
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .26
NUMBER OF POSITIVE AND ZERO SAMPLES = 1666.

NEGATIVE WITH ZEROS MEAN = -.00922
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06791
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.28
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1430.

TEST NUMBER : 430008
RUN NUMBER : R4-1
DRIVER NUMBER : 12
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 283.0632 MILES
NUMBER OF SAMPLES = 2112

MEAN VELOCITY = 51.40584
VELOCITY STANDARD DEVIATION = 10.52317

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02123
ABSOLUTE STANDARD DEVIATION = .05346
NUMBER OF SAMPLES = 2112.

POSITIVE WITH ZEROS MEAN = .01250
POSITIVE WITH ZEROS STANDARD DEVIATION = .10704
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .32
NUMBER OF POSITIVE AND ZERO SAMPLES = 1872

NEGATIVE WITH ZEROS MEAN = -.01451
NEGATIVE WITH ZEROS STANDARD DEVIATION = .14215
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.36
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1478.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01645
ABSOLUTE STANDARD DEVIATION = .03034
NUMBER OF SAMPLES = 2112.

POSITIVE WITH ZEROS MEAN = .01156
POSITIVE WITH ZEROS STANDARD DEVIATION = .12124
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .26
NUMBER OF POSITIVE AND ZERO SAMPLES = 1687.

NEGATIVE WITH ZEROS MEAN = -.01335
NEGATIVE WITH ZEROS STANDARD DEVIATION = .15657
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1141.

TEST NUMBER : 450008
RUN NUMBER : R6-1
DRIVER NUMBER : 12
COURSE LEG : 3
START DISTANCE = 270.9977 MILES
END DISTANCE = 283.2962 MILES
NUMBER OF SAMPLES = 2179

MEAN VELOCITY = 50.84803
VELOCITY STANDARD DEVIATION = 10.99606

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02920
ABSOLUTE STANDARD DEVIATION = .04819
NUMBER OF SAMPLES = 2179.

POSITIVE WITH ZEROS MEAN = .02164
POSITIVE WITH ZEROS STANDARD DEVIATION = .09254
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .26
NUMBER OF POSITIVE AND ZERO SAMPLES = 1986

NEGATIVE WITH ZEROS MEAN = -.07319
NEGATIVE WITH ZEROS STANDARD DEVIATION = .30938
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.30
NUMBER OF NEGATIVE AND ZERO SAMPLES = 282.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02041
ABSOLUTE STANDARD DEVIATION = .02895
NUMBER OF SAMPLES = 2179.

POSITIVE WITH ZEROS MEAN = .01075
POSITIVE WITH ZEROS STANDARD DEVIATION = .21035
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .23
NUMBER OF POSITIVE AND ZERO SAMPLES = 415.

NEGATIVE WITH ZEROS MEAN = -.01972
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10116
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 2029.

TEST NUMBER : 480008
RUN NUMBER : R8-1
DRIVER NUMBER : 12
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 283.4121 MILES
NUMBER OF SAMPLES = 2166

MEAN VELOCITY = 51.57396
VELOCITY STANDARD DEVIATION = 10.49229

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02265
ABSOLUTE STANDARD DEVIATION = .05207
NUMBER OF SAMPLES = 2166.

POSITIVE WITH ZEROS MEAN = .01363
POSITIVE WITH ZEROS STANDARD DEVIATION = .11718
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .26
NUMBER OF POSITIVE AND ZERO SAMPLES = 1681

NEGATIVE WITH ZEROS MEAN = -.01590
NEGATIVE WITH ZEROS STANDARD DEVIATION = .15249
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.41
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1645.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02280
ABSOLUTE STANDARD DEVIATION = .03090
NUMBER OF SAMPLES = 2166.

POSITIVE WITH ZEROS MEAN = .01156
POSITIVE WITH ZEROS STANDARD DEVIATION = .14504
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .26
NUMBER OF POSITIVE AND ZERO SAMPLES = 1153.

NEGATIVE WITH ZEROS MEAN = -.02207
NEGATIVE WITH ZEROS STANDARD DEVIATION = .13480
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.33
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1634.

TEST NUMBER : 450008
RUN NUMBER : 812-1
DRIVER NUMBER : 12
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 339.9962 MILES
NUMBER OF SAMPLES = 2342

MEAN VELOCITY = 53.86122
VELOCITY STANDARD DEVIATION = 2.74060

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01597
ABSOLUTE STANDARD DEVIATION = .02233
NUMBER OF SAMPLES = 2342.

POSITIVE WITH ZEROS MEAN = .01213
POSITIVE WITH ZEROS STANDARD DEVIATION = .01761
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 2008

NEGATIVE WITH ZEROS MEAN = -.01493
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02733
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 874.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01669
ABSOLUTE STANDARD DEVIATION = .02014
NUMBER OF SAMPLES = 2342.

POSITIVE WITH ZEROS MEAN = .01257
POSITIVE WITH ZEROS STANDARD DEVIATION = .01653
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1899.

NEGATIVE WITH ZEROS MEAN = -.01218
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02189
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1249.

TEST NUMBER : 450008
RUN NUMBER : R2-1
DRIVER NUMBER : 12
COURSE LEG : 4
START DISTANCE = 325.9984 MILES
END DISTANCE = 336.4474 MILES
NUMBER OF SAMPLES = 1744

MEAN VELOCITY = 53.98282
VELOCITY STANDARD DEVIATION = 4.94081

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01579
ABSOLUTE STANDARD DEVIATION = .02754
NUMBER OF SAMPLES = 1744.

POSITIVE WITH ZEROS MEAN = .01042
POSITIVE WITH ZEROS STANDARD DEVIATION = .06402
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 1516

NEGATIVE WITH ZEROS MEAN = -.01322
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10992
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 887.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02010
ABSOLUTE STANDARD DEVIATION = .02683
NUMBER OF SAMPLES = 1744.

POSITIVE WITH ZEROS MEAN = .01300
POSITIVE WITH ZEROS STANDARD DEVIATION = .07446
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .13
NUMBER OF POSITIVE AND ZERO SAMPLES = 1248.

NEGATIVE WITH ZEROS MEAN = -.01669
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08274
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.26
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1128.

TEST NUMBER : 4S0008
RUN NUMBER : R4-1
DRIVER NUMBER : 12
COURSE LEG : 4
START DISTANCE = 326.0100 MILES
END DISTANCE = 336.1732 MILES
NUMBER OF SAMPLES = 1659

MEAN VELOCITY = 55.13453
VELOCITY STANDARD DEVIATION = 2.73687

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01232
ABSOLUTE STANDARD DEVIATION = .02034
NUMBER OF SAMPLES = 1659.

POSITIVE WITH ZEROS MEAN = .00816
POSITIVE WITH ZEROS STANDARD DEVIATION = .12449
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .09
NUMBER OF POSITIVE AND ZERO SAMPLES = 1424

NEGATIVE WITH ZEROS MEAN = -.00945
NEGATIVE WITH ZEROS STANDARD DEVIATION = .18118
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 933.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01929
ABSOLUTE STANDARD DEVIATION = .02131
NUMBER OF SAMPLES = 1659.

POSITIVE WITH ZEROS MEAN = .01498
POSITIVE WITH ZEROS STANDARD DEVIATION = .14709
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .19
NUMBER OF POSITIVE AND ZERO SAMPLES = 1178.

NEGATIVE WITH ZEROS MEAN = -.01581
NEGATIVE WITH ZEROS STANDARD DEVIATION = .17749
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 908.

TEST NUMBER : 480008
RUN NUMBER : R6-1
DRIVER NUMBER : 12
COURSE LEG : 4
START DISTANCE = 325.9980 MILES
END DISTANCE = 336.5505 MILES
NUMBER OF SAMPLES = 1703

MEAN VELOCITY = 55.83110
VELOCITY STANDARD DEVIATION = 1.40946

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01808
ABSOLUTE STANDARD DEVIATION = .01976
NUMBER OF SAMPLES = 1703.

POSITIVE WITH ZEROS MEAN = .01525
POSITIVE WITH ZEROS STANDARD DEVIATION = .10822
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .11
NUMBER OF POSITIVE AND ZERO SAMPLES = 1565

NEGATIVE WITH ZEROS MEAN = -.02635
NEGATIVE WITH ZEROS STANDARD DEVIATION = .33094
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 263.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01911
ABSOLUTE STANDARD DEVIATION = .02011
NUMBER OF SAMPLES = 1703.

POSITIVE WITH ZEROS MEAN = .01204
POSITIVE WITH ZEROS STANDARD DEVIATION = .19830
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 525.

NEGATIVE WITH ZEROS MEAN = -.01820
NEGATIVE WITH ZEROS STANDARD DEVIATION = .12385
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.14
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1441.

TEST NUMBER : 490009
RUN NUMBER : R8-1
DRIVER NUMBER : 12
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 336.5638 MILES
NUMBER OF SAMPLES = 1734

MEAN VELOCITY = 54.82941
VELOCITY STANDARD DEVIATION = 2.69840

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01422
ABSOLUTE STANDARD DEVIATION = .02287
NUMBER OF SAMPLES = 1734.

POSITIVE WITH ZEROS MEAN = .01007
POSITIVE WITH ZEROS STANDARD DEVIATION = .13300
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .12
NUMBER OF POSITIVE AND ZERO SAMPLES = 1351

NEGATIVE WITH ZEROS MEAN = -.01029
NEGATIVE WITH ZEROS STANDARD DEVIATION = .19101
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1074.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01768
ABSOLUTE STANDARD DEVIATION = .02236
NUMBER OF SAMPLES = 1734.

POSITIVE WITH ZEROS MEAN = .01252
POSITIVE WITH ZEROS STANDARD DEVIATION = .14495
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .12
NUMBER OF POSITIVE AND ZERO SAMPLES = 1183.

NEGATIVE WITH ZEROS MEAN = -.01377
NEGATIVE WITH ZEROS STANDARD DEVIATION = .16426
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1151.

TEST NUMBER : 450008
RUN NUMBER : 82-2
DRIVER NUMBER : 25
COURSE LEG : 1
START DISTANCE = 6.0031 MILES
END DISTANCE = 19.9950 MILES
NUMBER OF SAMPLES = 2411

MEAN VELOCITY = 52.25485
VELOCITY STANDARD DEVIATION = 5.75797

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01243
ABSOLUTE STANDARD DEVIATION = .01418
NUMBER OF SAMPLES = 2411.

POSITIVE WITH ZEROS MEAN = .01045
POSITIVE WITH ZEROS STANDARD DEVIATION = .00968
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .07
NUMBER OF POSITIVE AND ZERO SAMPLES = 2005

NEGATIVE WITH ZEROS MEAN = -.01048
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02036
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 860.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02190
ABSOLUTE STANDARD DEVIATION = .02719
NUMBER OF SAMPLES = 2411.

POSITIVE WITH ZEROS MEAN = .01691
POSITIVE WITH ZEROS STANDARD DEVIATION = .01768
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .13
NUMBER OF POSITIVE AND ZERO SAMPLES = 1956.

NEGATIVE WITH ZEROS MEAN = -.02606
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04072
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.29
NUMBER OF NEGATIVE AND ZERO SAMPLES = 757.

TEST NUMBER : 480008
RUN NUMBER : R2-2
DRIVER NUMBER : 25
COURSE LEG : 1
START DISTANCE = 6.0015 MILES
END DISTANCE = 19.9974 MILES
NUMBER OF SAMPLES = 2355

MEAN VELOCITY = 53.51361
VELOCITY STANDARD DEVIATION = 6.02763

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01333
ABSOLUTE STANDARD DEVIATION = .01486
NUMBER OF SAMPLES = 2355.

POSITIVE WITH ZEROS MEAN = .01078
POSITIVE WITH ZEROS STANDARD DEVIATION = .00979
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .08
NUMBER OF POSITIVE AND ZERO SAMPLES = 1982

NEGATIVE WITH ZEROS MEAN = -.01198
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02180
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.16
NUMBER OF NEGATIVE AND ZERO SAMPLES = 838.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01584
ABSOLUTE STANDARD DEVIATION = .02744
NUMBER OF SAMPLES = 2355.

POSITIVE WITH ZEROS MEAN = .01135
POSITIVE WITH ZEROS STANDARD DEVIATION = .02203
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .19
NUMBER OF POSITIVE AND ZERO SAMPLES = 1746.

NEGATIVE WITH ZEROS MEAN = -.01079
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02609
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1621.

TEST NUMBER : 450008
RUN NUMBER : R4-2
DRIVER NUMBER : 25
COURSE LEG : 1
START DISTANCE = 6.0015 MILES
END DISTANCE = 19.9974 MILES
NUMBER OF SAMPLES = 2246

MEAN VELOCITY = 53.26468
VELOCITY STANDARD DEVIATION = 6.69297

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01334
ABSOLUTE STANDARD DEVIATION = .01507
NUMBER OF SAMPLES = 2246.

POSITIVE WITH ZEROS MEAN = .01091
POSITIVE WITH ZEROS STANDARD DEVIATION = .00999
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .08
NUMBER OF POSITIVE AND ZERO SAMPLES = 1908

NEGATIVE WITH ZEROS MEAN = -.01169
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02219
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.16
NUMBER OF NEGATIVE AND ZERO SAMPLES = 783.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01607
ABSOLUTE STANDARD DEVIATION = .02740
NUMBER OF SAMPLES = 2246.

POSITIVE WITH ZEROS MEAN = .01159
POSITIVE WITH ZEROS STANDARD DEVIATION = .02226
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .19
NUMBER OF POSITIVE AND ZERO SAMPLES = 1687.

NEGATIVE WITH ZEROS MEAN = -.01096
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02604
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1509.

TEST NUMBER : 450008
RUN NUMBER : R6-2
DRIVER NUMBER : 25
COURSE LEG : 1
START DISTANCE = 6.0045 MILES
END DISTANCE = 17.8955 MILES
NUMBER OF SAMPLES = 2028

MEAN VELOCITY = 52.77054
VELOCITY STANDARD DEVIATION = 6.82817

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01390
ABSOLUTE STANDARD DEVIATION = .01830
NUMBER OF SAMPLES = 2028.

POSITIVE WITH ZEROS MEAN = .01022
POSITIVE WITH ZEROS STANDARD DEVIATION = .04580
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .09
NUMBER OF POSITIVE AND ZERO SAMPLES = 1530

NEGATIVE WITH ZEROS MEAN = -.01127
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06332
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.20
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1114.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01787
ABSOLUTE STANDARD DEVIATION = .02351
NUMBER OF SAMPLES = 2028.

POSITIVE WITH ZEROS MEAN = .01434
POSITIVE WITH ZEROS STANDARD DEVIATION = .05582
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 1331.

NEGATIVE WITH ZEROS MEAN = -.01408
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06006
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1219.

TEST NUMBER : 490008
RUN NUMBER : R8-2
DRIVER NUMBER : 25
COURSE LEG : 1
START DISTANCE = 6.0026 MILES
END DISTANCE = 17.8629 MILES
NUMBER OF SAMPLES = 2020

MEAN VELOCITY = 52.87049
VELOCITY STANDARD DEVIATION = 5.88100

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01492
ABSOLUTE STANDARD DEVIATION = .01524
NUMBER OF SAMPLES = 2020.

POSITIVE WITH ZEROS MEAN = .01059
POSITIVE WITH ZEROS STANDARD DEVIATION = .07506
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .06
NUMBER OF POSITIVE AND ZERO SAMPLES = 1433

NEGATIVE WITH ZEROS MEAN = -.01283
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10034
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1167.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01864
ABSOLUTE STANDARD DEVIATION = .02756
NUMBER OF SAMPLES = 2020.

POSITIVE WITH ZEROS MEAN = .01273
POSITIVE WITH ZEROS STANDARD DEVIATION = .09531
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .21
NUMBER OF POSITIVE AND ZERO SAMPLES = 1197.

NEGATIVE WITH ZEROS MEAN = -.01550
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09135
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.20
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1446.

TEST NUMBER : 450008
RUN NUMBER : R2-2
DRIVER NUMBER : 25
COURSE LEG : 2
START DISTANCE = 119.9993 MILES
END DISTANCE = 133.9959 MILES
NUMBER OF SAMPLES = 2497

MEAN VELOCITY = 50.47993
VELOCITY STANDARD DEVIATION = 7.06437

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03102
ABSOLUTE STANDARD DEVIATION = .04001
NUMBER OF SAMPLES = 2497.

POSITIVE WITH ZEROS MEAN = .02194
POSITIVE WITH ZEROS STANDARD DEVIATION = .03100
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 1633

NEGATIVE WITH ZEROS MEAN = -.03272
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05408
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.33
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1272.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04279
ABSOLUTE STANDARD DEVIATION = .04909
NUMBER OF SAMPLES = 2497.

POSITIVE WITH ZEROS MEAN = .03696
POSITIVE WITH ZEROS STANDARD DEVIATION = .05561
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .31
NUMBER OF POSITIVE AND ZERO SAMPLES = 1527.

NEGATIVE WITH ZEROS MEAN = -.03779
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06258
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.32
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1334.

TEST NUMBER : 4S0008
RUN NUMBER : R4-2
DRIVER NUMBER : 25
COURSE LEG : 2
START DISTANCE = 120.0053 MILES
END DISTANCE = 133.9981 MILES
NUMBER OF SAMPLES = 3360

MEAN VELOCITY = 37.49941
VELOCITY STANDARD DEVIATION = 21.26485

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02759
ABSOLUTE STANDARD DEVIATION = .03675
NUMBER OF SAMPLES = 3360.

POSITIVE WITH ZEROS MEAN = .01853
POSITIVE WITH ZEROS STANDARD DEVIATION = .03027
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 2265

NEGATIVE WITH ZEROS MEAN = -.02351
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04301
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.29
NUMBER OF NEGATIVE AND ZERO SAMPLES = 2157.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04989
ABSOLUTE STANDARD DEVIATION = .04617
NUMBER OF SAMPLES = 3360.

POSITIVE WITH ZEROS MEAN = .05622
POSITIVE WITH ZEROS STANDARD DEVIATION = .05219
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .31
NUMBER OF POSITIVE AND ZERO SAMPLES = 2235.

NEGATIVE WITH ZEROS MEAN = -.02732
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04836
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.27
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1537.

TEST NUMBER : 450008
RUN NUMBER : R6-2
DRIVER NUMBER : 25
COURSE LEG : 2
START DISTANCE = 119.9993 MILES
END DISTANCE = 132.5825 MILES
NUMBER OF SAMPLES = 2283

MEAN VELOCITY = 49.64694
VELOCITY STANDARD DEVIATION = 6.71693

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03080
ABSOLUTE STANDARD DEVIATION = .03316
NUMBER OF SAMPLES = 2283.

POSITIVE WITH ZEROS MEAN = .02338
POSITIVE WITH ZEROS STANDARD DEVIATION = .05628
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 1356

NEGATIVE WITH ZEROS MEAN = -.02911
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06996
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.28
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1327.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04013
ABSOLUTE STANDARD DEVIATION = .04370
NUMBER OF SAMPLES = 2283.

POSITIVE WITH ZEROS MEAN = .03670
POSITIVE WITH ZEROS STANDARD DEVIATION = .07432
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .28
NUMBER OF POSITIVE AND ZERO SAMPLES = 1218.

NEGATIVE WITH ZEROS MEAN = -.03506
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07276
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.28
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1338.

TEST NUMBER : 4S0008
RUN NUMBER : R8-2
DRIVER NUMBER : 25
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 132.6811 MILES
NUMBER OF SAMPLES = 2302

MEAN VELOCITY = 49.57855
VELOCITY STANDARD DEVIATION = 6.73967

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03176
ABSOLUTE STANDARD DEVIATION = .03596
NUMBER OF SAMPLES = 2302.

POSITIVE WITH ZEROS MEAN = .02418
POSITIVE WITH ZEROS STANDARD DEVIATION = .08320
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1330

NEGATIVE WITH ZEROS MEAN = -.02940
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10127
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.41
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1393.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04088
ABSOLUTE STANDARD DEVIATION = .04404
NUMBER OF SAMPLES = 2302.

POSITIVE WITH ZEROS MEAN = .03586
POSITIVE WITH ZEROS STANDARD DEVIATION = .10717
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .24
NUMBER OF POSITIVE AND ZERO SAMPLES = 1134.

NEGATIVE WITH ZEROS MEAN = -.03721
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10330
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.26
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1436.

TEST NUMBER : 450008
RUN NUMBER : B2-2
DRIVER NUMBER : 25
COURSE LEG : 3
START DISTANCE = 271.0100 MILES
END DISTANCE = 285.0000 MILES
NUMBER OF SAMPLES = 2402

MEAN VELOCITY = 52.53845
VELOCITY STANDARD DEVIATION = 10.16360

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01891
ABSOLUTE STANDARD DEVIATION = .03982
NUMBER OF SAMPLES = 2402.

POSITIVE WITH ZEROS MEAN = .01245
POSITIVE WITH ZEROS STANDARD DEVIATION = .03090
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 2151

NEGATIVE WITH ZEROS MEAN = -.01544
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04858
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1208.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01707
ABSOLUTE STANDARD DEVIATION = .02413
NUMBER OF SAMPLES = 2402.

POSITIVE WITH ZEROS MEAN = .01382
POSITIVE WITH ZEROS STANDARD DEVIATION = .03307
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .23
NUMBER OF POSITIVE AND ZERO SAMPLES = 1906.

NEGATIVE WITH ZEROS MEAN = -.01207
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04458
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1214.

TEST NUMBER : 490008
RUN NUMBER : R2-2
DRIVER NUMBER : 25
COURSE LEG : 3
START DISTANCE = 270.9972 MILES
END DISTANCE = 285.0000 MILES
NUMBER OF SAMPLES = 2452

MEAN VELOCITY = 51.48157
VELOCITY STANDARD DEVIATION = 10.18308

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01914
ABSOLUTE STANDARD DEVIATION = .04176
NUMBER OF SAMPLES = 2452.

POSITIVE WITH ZEROS MEAN = .01153
POSITIVE WITH ZEROS STANDARD DEVIATION = .04342
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .25
NUMBER OF POSITIVE AND ZERO SAMPLES = 2124

NEGATIVE WITH ZEROS MEAN = -.01324
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06881
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.32
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1696.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01725
ABSOLUTE STANDARD DEVIATION = .03368
NUMBER OF SAMPLES = 2452.

POSITIVE WITH ZEROS MEAN = .01200
POSITIVE WITH ZEROS STANDARD DEVIATION = .06432
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .28
NUMBER OF POSITIVE AND ZERO SAMPLES = 1927.

NEGATIVE WITH ZEROS MEAN = -.01557
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08501
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.32
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1232.

TEST NUMBER : 4S0008
RUN NUMBER : R4-2
DRIVER NUMBER : 25
COURSE LEG : 3
START DISTANCE = 270.9973 MILES
END DISTANCE = 284.9985 MILES
NUMBER OF SAMPLES = 2413

MEAN VELOCITY = 52.00861
VELOCITY STANDARD DEVIATION = 11.06253

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02277
ABSOLUTE STANDARD DEVIATION = .04301
NUMBER OF SAMPLES = 2413.

POSITIVE WITH ZEROS MEAN = .01421
POSITIVE WITH ZEROS STANDARD DEVIATION = .04904
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .25
NUMBER OF POSITIVE AND ZERO SAMPLES = 1929

NEGATIVE WITH ZEROS MEAN = -.01871
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07470
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1471.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01373
ABSOLUTE STANDARD DEVIATION = .03179
NUMBER OF SAMPLES = 2413.

POSITIVE WITH ZEROS MEAN = .00836
POSITIVE WITH ZEROS STANDARD DEVIATION = .08672
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .28
NUMBER OF POSITIVE AND ZERO SAMPLES = 1864.

NEGATIVE WITH ZEROS MEAN = -.01015
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06118
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.30
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1727.

TEST NUMBER : 480008
RUN NUMBER : R6-2
DRIVER NUMBER : 25
COURSE LEG : 3
START DISTANCE = 271.0064 MILES
END DISTANCE = 283.1785 MILES
NUMBER OF SAMPLES = 2128

MEAN VELOCITY = 51.49530
VELOCITY STANDARD DEVIATION = 10.67159

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02457
ABSOLUTE STANDARD DEVIATION = .04489
NUMBER OF SAMPLES = 2128.

POSITIVE WITH ZEROS MEAN = .01686
POSITIVE WITH ZEROS STANDARD DEVIATION = .06828
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .25
NUMBER OF POSITIVE AND ZERO SAMPLES = 1517

NEGATIVE WITH ZEROS MEAN = -.01942
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08613
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.33
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1376.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01835
ABSOLUTE STANDARD DEVIATION = .02882
NUMBER OF SAMPLES = 2128.

POSITIVE WITH ZEROS MEAN = .01327
POSITIVE WITH ZEROS STANDARD DEVIATION = .08684
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .30
NUMBER OF POSITIVE AND ZERO SAMPLES = 1213.

NEGATIVE WITH ZEROS MEAN = -.01600
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08290
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1434.

TEST NUMBER : 490008
RUN NUMBER : R8-2
DRIVER NUMBER : 25
COURSE LEG : 3
START DISTANCE = 270.9977 MILES
END DISTANCE = 283.3989 MILES
NUMBER OF SAMPLES = 2192

MEAN VELOCITY = 50.96743
VELOCITY STANDARD DEVIATION = 10.08084

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02283
ABSOLUTE STANDARD DEVIATION = .04632
NUMBER OF SAMPLES = 2192.

POSITIVE WITH ZEROS MEAN = .01394
POSITIVE WITH ZEROS STANDARD DEVIATION = .08706
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .26
NUMBER OF POSITIVE AND ZERO SAMPLES = 1560

NEGATIVE WITH ZEROS MEAN = -.01646
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10437
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.33
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1719.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01474
ABSOLUTE STANDARD DEVIATION = .03047
NUMBER OF SAMPLES = 2192.

POSITIVE WITH ZEROS MEAN = .00888
POSITIVE WITH ZEROS STANDARD DEVIATION = .11472
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .35
NUMBER OF POSITIVE AND ZERO SAMPLES = 1148.

NEGATIVE WITH ZEROS MEAN = -.01287
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10462
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.36
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1720.

TEST NUMBER : 450008
RUN NUMBER : B2-2
DRIVER NUMBER : 25
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 340.0000 MILES
NUMBER OF SAMPLES = 2281

MEAN VELOCITY = 55.36817
VELOCITY STANDARD DEVIATION = 1.42584

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01415
ABSOLUTE STANDARD DEVIATION = .02011
NUMBER OF SAMPLES = 2281.

POSITIVE WITH ZEROS MEAN = .00933
POSITIVE WITH ZEROS STANDARD DEVIATION = .03994
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .12
NUMBER OF POSITIVE AND ZERO SAMPLES = 1763

NEGATIVE WITH ZEROS MEAN = -.01261
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05459
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1255.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02208
ABSOLUTE STANDARD DEVIATION = .02234
NUMBER OF SAMPLES = 2281.

POSITIVE WITH ZEROS MEAN = .01780
POSITIVE WITH ZEROS STANDARD DEVIATION = .04460
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .20
NUMBER OF POSITIVE AND ZERO SAMPLES = 1559.

NEGATIVE WITH ZEROS MEAN = -.01896
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05232
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1193.

TEST NUMBER : 4S0008
RUN NUMBER : R2-2
DRIVER NUMBER : 25
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 340.0000 MILES
NUMBER OF SAMPLES = 2281

MEAN VELOCITY = 55.34201
VELOCITY STANDARD DEVIATION = 1.65470

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01555
ABSOLUTE STANDARD DEVIATION = .02160
NUMBER OF SAMPLES = 2281.

POSITIVE WITH ZEROS MEAN = .01109
POSITIVE WITH ZEROS STANDARD DEVIATION = .05295
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1704

NEGATIVE WITH ZEROS MEAN = -.01299
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08412
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1276.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02359
ABSOLUTE STANDARD DEVIATION = .02408
NUMBER OF SAMPLES = 2281.

POSITIVE WITH ZEROS MEAN = .01623
POSITIVE WITH ZEROS STANDARD DEVIATION = .08243
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 1308.

NEGATIVE WITH ZEROS MEAN = -.02228
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08304
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1463.

TEST NUMBER : 4S0008
RUN NUMBER : R4-2
DRIVER NUMBER : 25
COURSE LEG : 4
START DISTANCE = 325.9997 MILES
END DISTANCE = 339.9962 MILES
NUMBER OF SAMPLES = 2284

MEAN VELOCITY = 55.28339
VELOCITY STANDARD DEVIATION = 5.69910

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02001
ABSOLUTE STANDARD DEVIATION = .02832
NUMBER OF SAMPLES = 2284.

POSITIVE WITH ZEROS MEAN = .01500
POSITIVE WITH ZEROS STANDARD DEVIATION = .05757
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .12
NUMBER OF POSITIVE AND ZERO SAMPLES = 1799

NEGATIVE WITH ZEROS MEAN = -.01809
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09730
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.28
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1035.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01921
ABSOLUTE STANDARD DEVIATION = .03210
NUMBER OF SAMPLES = 2284.

POSITIVE WITH ZEROS MEAN = .01220
POSITIVE WITH ZEROS STANDARD DEVIATION = .09684
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 1579.

NEGATIVE WITH ZEROS MEAN = -.01635
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07534
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.40
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1505.

TEST NUMBER : 480008
RUN NUMBER : R6-2
DRIVER NUMBER : 25
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 336.5286 MILES
NUMBER OF SAMPLES = 1722

MEAN VELOCITY = 55.02765
VELOCITY STANDARD DEVIATION = 1.35463

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01441
ABSOLUTE STANDARD DEVIATION = .01967
NUMBER OF SAMPLES = 1722.

POSITIVE WITH ZEROS MEAN = .00918
POSITIVE WITH ZEROS STANDARD DEVIATION = .07811
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .09
NUMBER OF POSITIVE AND ZERO SAMPLES = 1269

NEGATIVE WITH ZEROS MEAN = -.01278
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10447
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.14
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1030.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02135
ABSOLUTE STANDARD DEVIATION = .02252
NUMBER OF SAMPLES = 1722.

POSITIVE WITH ZEROS MEAN = .01815
POSITIVE WITH ZEROS STANDARD DEVIATION = .09686
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .20
NUMBER OF POSITIVE AND ZERO SAMPLES = 1054.

NEGATIVE WITH ZEROS MEAN = -.01709
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10188
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.20
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1032.

TEST NUMBER : 450008
RUN NUMBER : R8-2
DRIVER NUMBER : 25
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 336.5493 MILES
NUMBER OF SAMPLES = 1743

MEAN VELOCITY = 54.47139
VELOCITY STANDARD DEVIATION = 3.29343

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01722
ABSOLUTE STANDARD DEVIATION = .02317
NUMBER OF SAMPLES = 1743.

POSITIVE WITH ZEROS MEAN = .01233
POSITIVE WITH ZEROS STANDARD DEVIATION = .09986
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .12
NUMBER OF POSITIVE AND ZERO SAMPLES = 1274

NEGATIVE WITH ZEROS MEAN = -.01376
NEGATIVE WITH ZEROS STANDARD DEVIATION = .13758
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1040.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02005
ABSOLUTE STANDARD DEVIATION = .02562
NUMBER OF SAMPLES = 1743.

POSITIVE WITH ZEROS MEAN = .01457
POSITIVE WITH ZEROS STANDARD DEVIATION = .12483
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 1005.

NEGATIVE WITH ZEROS MEAN = -.01763
NEGATIVE WITH ZEROS STANDARD DEVIATION = .13169
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.34
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1149.

TEST NUMBER : 450008
RUN NUMBER : BI1-2
DRIVER NUMBER : 26
COURSE LEG : 1
START DISTANCE = 6.0083 MILES
END DISTANCE = 19.9954 MILES
NUMBER OF SAMPLES = 2437

MEAN VELOCITY = 51.65546
VELOCITY STANDARD DEVIATION = 10.43670

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01364
ABSOLUTE STANDARD DEVIATION = .01594
NUMBER OF SAMPLES = 2437.

POSITIVE WITH ZEROS MEAN = .01178
POSITIVE WITH ZEROS STANDARD DEVIATION = .10962
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 2033

NEGATIVE WITH ZEROS MEAN = -.01049
NEGATIVE WITH ZEROS STANDARD DEVIATION = .21153
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 885.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01655
ABSOLUTE STANDARD DEVIATION = .02559
NUMBER OF SAMPLES = 2437.

POSITIVE WITH ZEROS MEAN = .01152
POSITIVE WITH ZEROS STANDARD DEVIATION = .11440
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1966.

NEGATIVE WITH ZEROS MEAN = -.01233
NEGATIVE WITH ZEROS STANDARD DEVIATION = .15010
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1436.

TEST NUMBER : 450008
RUN NUMBER : B11-2
DRIVER NUMBER : 26
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 284.9973 MILES
NUMBER OF SAMPLES = 2517

MEAN VELOCITY = 50.05002
VELOCITY STANDARD DEVIATION = 12.19907

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02456
ABSOLUTE STANDARD DEVIATION = .04547
NUMBER OF SAMPLES = 2517.

POSITIVE WITH ZEROS MEAN = .01626
POSITIVE WITH ZEROS STANDARD DEVIATION = .11265
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 2097

NEGATIVE WITH ZEROS MEAN = -.02326
NEGATIVE WITH ZEROS STANDARD DEVIATION = .19062
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.45
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1192.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01466
ABSOLUTE STANDARD DEVIATION = .03058
NUMBER OF SAMPLES = 2517.

POSITIVE WITH ZEROS MEAN = .00972
POSITIVE WITH ZEROS STANDARD DEVIATION = .11620
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .32
NUMBER OF POSITIVE AND ZERO SAMPLES = 2026.

NEGATIVE WITH ZEROS MEAN = -.01063
NEGATIVE WITH ZEROS STANDARD DEVIATION = .14438
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.33
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1618.

TEST NUMBER : 4S0008
RUN NUMBER : R1-2
DRIVER NUMBER : 26
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 284.9961 MILES
NUMBER OF SAMPLES = 2476

MEAN VELOCITY = 50.79626
VELOCITY STANDARD DEVIATION = 9.98756

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02306
ABSOLUTE STANDARD DEVIATION = .04202
NUMBER OF SAMPLES = 2476.

POSITIVE WITH ZEROS MEAN = .01668
POSITIVE WITH ZEROS STANDARD DEVIATION = .03376
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .35
NUMBER OF POSITIVE AND ZERO SAMPLES = 1879

NEGATIVE WITH ZEROS MEAN = -.02167
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04556
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.35
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1189.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01662
ABSOLUTE STANDARD DEVIATION = .03103
NUMBER OF SAMPLES = 2476.

POSITIVE WITH ZEROS MEAN = .01232
POSITIVE WITH ZEROS STANDARD DEVIATION = .02892
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .36
NUMBER OF POSITIVE AND ZERO SAMPLES = 1928.

NEGATIVE WITH ZEROS MEAN = -.01022
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02405
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.33
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1703.

TEST NUMBER : 490008
RUN NUMBER : BI1-2
DRIVER NUMBER : 26
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 336.5743 MILES
NUMBER OF SAMPLES = 1728

MEAN VELOCITY = 55.07466
VELOCITY STANDARD DEVIATION = 1.70455

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01652
ABSOLUTE STANDARD DEVIATION = .01951
NUMBER OF SAMPLES = 1728.

POSITIVE WITH ZEROS MEAN = .01176
POSITIVE WITH ZEROS STANDARD DEVIATION = .14455
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .13
NUMBER OF POSITIVE AND ZERO SAMPLES = 1315

NEGATIVE WITH ZEROS MEAN = -.01725
NEGATIVE WITH ZEROS STANDARD DEVIATION = .24184
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 759.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01689
ABSOLUTE STANDARD DEVIATION = .02201
NUMBER OF SAMPLES = 1728.

POSITIVE WITH ZEROS MEAN = .01084
POSITIVE WITH ZEROS STANDARD DEVIATION = .14936
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .21
NUMBER OF POSITIVE AND ZERO SAMPLES = 1254.

NEGATIVE WITH ZEROS MEAN = -.01438
NEGATIVE WITH ZEROS STANDARD DEVIATION = .17821
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1085.

TEST NUMBER : 450008
RUN NUMBER : R7-2
DRIVER NUMBER : 27
COURSE LEG : 1
START DISTANCE = 6.0004 MILES
END DISTANCE = 17.6658 MILES
NUMBER OF SAMPLES = 1961

MEAN VELOCITY = 53.53814
VELOCITY STANDARD DEVIATION = 5.56776

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01159
ABSOLUTE STANDARD DEVIATION = .01144
NUMBER OF SAMPLES = 1961.

POSITIVE WITH ZEROS MEAN = .00824
POSITIVE WITH ZEROS STANDARD DEVIATION = .09727
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .06
NUMBER OF POSITIVE AND ZERO SAMPLES = 1343

NEGATIVE WITH ZEROS MEAN = -.00971
NEGATIVE WITH ZEROS STANDARD DEVIATION = .11341
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.10
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1201.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02134
ABSOLUTE STANDARD DEVIATION = .02744
NUMBER OF SAMPLES = 1961.

POSITIVE WITH ZEROS MEAN = .01687
POSITIVE WITH ZEROS STANDARD DEVIATION = .10498
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .19
NUMBER OF POSITIVE AND ZERO SAMPLES = 1171.

NEGATIVE WITH ZEROS MEAN = -.01733
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10850
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1275.

TEST NUMBER : 450008
RUN NUMBER : R7-2
DRIVER NUMBER : 27
COURSE LEG : 2
START DISTANCE = 120.0087 MILES
END DISTANCE = 131.5684 MILES
NUMBER OF SAMPLES = 2085

MEAN VELOCITY = 49.94642
VELOCITY STANDARD DEVIATION = 7.32648

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03055
ABSOLUTE STANDARD DEVIATION = .03635
NUMBER OF SAMPLES = 2085.

POSITIVE WITH ZEROS MEAN = .02456
POSITIVE WITH ZEROS STANDARD DEVIATION = .10538
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .30
NUMBER OF POSITIVE AND ZERO SAMPLES = 1255

NEGATIVE WITH ZEROS MEAN = -.02871
NEGATIVE WITH ZEROS STANDARD DEVIATION = .12335
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.28
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1145.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03992
ABSOLUTE STANDARD DEVIATION = .04339
NUMBER OF SAMPLES = 2085.

POSITIVE WITH ZEROS MEAN = .03675
POSITIVE WITH ZEROS STANDARD DEVIATION = .11128
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .25
NUMBER OF POSITIVE AND ZERO SAMPLES = 1248.

NEGATIVE WITH ZEROS MEAN = -.03340
NEGATIVE WITH ZEROS STANDARD DEVIATION = .12503
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.29
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1119.

TEST NUMBER : 430008
RUN NUMBER : R7-2
DRIVER NUMBER : 27
COURSE LEG : 3
START DISTANCE = 271.0075 MILES
END DISTANCE = 283.1436 MILES
NUMBER OF SAMPLES = 2142

MEAN VELOCITY = 51.04410
VELOCITY STANDARD DEVIATION = 9.70835

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01791
ABSOLUTE STANDARD DEVIATION = .03992
NUMBER OF SAMPLES = 2142.

POSITIVE WITH ZEROS MEAN = .00932
POSITIVE WITH ZEROS STANDARD DEVIATION = .09709
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 1692

NEGATIVE WITH ZEROS MEAN = -.01294
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10905
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.28
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1746.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02216
ABSOLUTE STANDARD DEVIATION = .03172
NUMBER OF SAMPLES = 2142.

POSITIVE WITH ZEROS MEAN = .01422
POSITIVE WITH ZEROS STANDARD DEVIATION = .11736
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .23
NUMBER OF POSITIVE AND ZERO SAMPLES = 1313.

NEGATIVE WITH ZEROS MEAN = -.02029
NEGATIVE WITH ZEROS STANDARD DEVIATION = .11913
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.37
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1419.

TEST NUMBER : 490008
RUN NUMBER : R7-2
DRIVER NUMBER : 27
COURSE LEG : 4
START DISTANCE = 326.0064 MILES
END DISTANCE = 336.2639 MILES
NUMBER OF SAMPLES = 1694

MEAN VELOCITY = 54.51607
VELOCITY STANDARD DEVIATION = 3.49257

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01449
ABSOLUTE STANDARD DEVIATION = .02048
NUMBER OF SAMPLES = 1694.

POSITIVE WITH ZEROS MEAN = .00985
POSITIVE WITH ZEROS STANDARD DEVIATION = .11419
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1259

NEGATIVE WITH ZEROS MEAN = -.01184
NEGATIVE WITH ZEROS STANDARD DEVIATION = .14492
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.12
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1026.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02054
ABSOLUTE STANDARD DEVIATION = .02058
NUMBER OF SAMPLES = 1694.

POSITIVE WITH ZEROS MEAN = .01664
POSITIVE WITH ZEROS STANDARD DEVIATION = .12821
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .11
NUMBER OF POSITIVE AND ZERO SAMPLES = 1142.

NEGATIVE WITH ZEROS MEAN = -.01670
NEGATIVE WITH ZEROS STANDARD DEVIATION = .14963
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 946.

TEST NUMBER : 450008
RUN NUMBER : R3-2
DRIVER NUMBER : 28
COURSE LEG : 1
START DISTANCE = 6.0032 MILES
END DISTANCE = 19.9982 MILES
NUMBER OF SAMPLES = 2386

MEAN VELOCITY = 52.61734
VELOCITY STANDARD DEVIATION = 6.25853

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01840
ABSOLUTE STANDARD DEVIATION = .02187
NUMBER OF SAMPLES = 2386.

POSITIVE WITH ZEROS MEAN = .01344
POSITIVE WITH ZEROS STANDARD DEVIATION = .01579
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1804

NEGATIVE WITH ZEROS MEAN = -.01751
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02719
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1123.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02210
ABSOLUTE STANDARD DEVIATION = .02510
NUMBER OF SAMPLES = 2386.

POSITIVE WITH ZEROS MEAN = .01565
POSITIVE WITH ZEROS STANDARD DEVIATION = .02122
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1421.

NEGATIVE WITH ZEROS MEAN = -.02063
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02668
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.16
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1478.

TEST NUMBER : 450008
RUN NUMBER : R5-2
DRIVER NUMBER : 28
COURSE LEG : 1
START DISTANCE = 6.0045 MILES
END DISTANCE = 19.9979 MILES
NUMBER OF SAMPLES = 2392

MEAN VELOCITY = 52.49526
VELOCITY STANDARD DEVIATION = 5.51479

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01778
ABSOLUTE STANDARD DEVIATION = .01828
NUMBER OF SAMPLES = 2392.

POSITIVE WITH ZEROS MEAN = .01465
POSITIVE WITH ZEROS STANDARD DEVIATION = .01282
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .09
NUMBER OF POSITIVE AND ZERO SAMPLES = 1877

NEGATIVE WITH ZEROS MEAN = -.01751
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02602
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 858.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01764
ABSOLUTE STANDARD DEVIATION = .02427
NUMBER OF SAMPLES = 2392.

POSITIVE WITH ZEROS MEAN = .01357
POSITIVE WITH ZEROS STANDARD DEVIATION = .02043
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 1363.

NEGATIVE WITH ZEROS MEAN = -.01437
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02454
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.20
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1649.

TEST NUMBER : 450008
RUN NUMBER : R3-2
DRIVER NUMBER : 28
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 284.9962 MILES
NUMBER OF SAMPLES = 2462

MEAN VELOCITY = 51.26353
VELOCITY STANDARD DEVIATION = 9.15153

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02798
ABSOLUTE STANDARD DEVIATION = .04311
NUMBER OF SAMPLES = 2462.

POSITIVE WITH ZEROS MEAN = .01907
POSITIVE WITH ZEROS STANDARD DEVIATION = .03771
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 1655

NEGATIVE WITH ZEROS MEAN = -.02943
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05891
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.35
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1268.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01912
ABSOLUTE STANDARD DEVIATION = .03675
NUMBER OF SAMPLES = 2462.

POSITIVE WITH ZEROS MEAN = .01196
POSITIVE WITH ZEROS STANDARD DEVIATION = .03461
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .33
NUMBER OF POSITIVE AND ZERO SAMPLES = 1806.

NEGATIVE WITH ZEROS MEAN = -.01701
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05195
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.34
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1497.

TEST NUMBER : 450008
RUN NUMBER : R5-2
DRIVER NUMBER : 28
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 284.9958 MILES
NUMBER OF SAMPLES = 2500

MEAN VELOCITY = 50.43034
VELOCITY STANDARD DEVIATION = 10.59919

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02868
ABSOLUTE STANDARD DEVIATION = .03791
NUMBER OF SAMPLES = 2500.

POSITIVE WITH ZEROS MEAN = .02264
POSITIVE WITH ZEROS STANDARD DEVIATION = .03737
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 1701

NEGATIVE WITH ZEROS MEAN = -.02979
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05164
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.28
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1114.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01457
ABSOLUTE STANDARD DEVIATION = .02902
NUMBER OF SAMPLES = 2500.

POSITIVE WITH ZEROS MEAN = .00988
POSITIVE WITH ZEROS STANDARD DEVIATION = .03270
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .23
NUMBER OF POSITIVE AND ZERO SAMPLES = 1434.

NEGATIVE WITH ZEROS MEAN = -.01185
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03899
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.35
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1877.

TEST NUMBER : 450008
RUN NUMBER : R3-2
DRIVER NUMBER : 28
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 339.9959 MILES
NUMBER OF SAMPLES = 2294

MEAN VELOCITY = 55.06611
VELOCITY STANDARD DEVIATION = 1.74393

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01990
ABSOLUTE STANDARD DEVIATION = .02456
NUMBER OF SAMPLES = 2294.

POSITIVE WITH ZEROS MEAN = .01234
POSITIVE WITH ZEROS STANDARD DEVIATION = .04577
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1646

NEGATIVE WITH ZEROS MEAN = -.02099
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07348
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1207.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02122
ABSOLUTE STANDARD DEVIATION = .02270
NUMBER OF SAMPLES = 2294.

POSITIVE WITH ZEROS MEAN = .01300
POSITIVE WITH ZEROS STANDARD DEVIATION = .04524
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 1444.

NEGATIVE WITH ZEROS MEAN = -.02045
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06021
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1462.

TEST NUMBER : 4S0008
RUN NUMBER : R5-2
DRIVER NUMBER : 28
COURSE LEG : 4
START DISTANCE = 326.0100 MILES
END DISTANCE = 340.0000 MILES
NUMBER OF SAMPLES = 2300

MEAN VELOCITY = 54.87611
VELOCITY STANDARD DEVIATION = 2.34893

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02147
ABSOLUTE STANDARD DEVIATION = .02302
NUMBER OF SAMPLES = 2300.

POSITIVE WITH ZEROS MEAN = .01698
POSITIVE WITH ZEROS STANDARD DEVIATION = .04759
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .13
NUMBER OF POSITIVE AND ZERO SAMPLES = 1630

NEGATIVE WITH ZEROS MEAN = -.02296
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07148
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.23
NUMBER OF NEGATIVE AND ZERO SAMPLES = 945.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01563
ABSOLUTE STANDARD DEVIATION = .02006
NUMBER OF SAMPLES = 2300.

POSITIVE WITH ZEROS MEAN = .01178
POSITIVE WITH ZEROS STANDARD DEVIATION = .04213
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1208.

NEGATIVE WITH ZEROS MEAN = -.01240
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04595
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1751.

TEST NUMBER : 480009
RUN NUMBER : BI2-1
DRIVER NUMBER : 09
COURSE LEG : 1
START DISTANCE = 6.0006 MILES
END DISTANCE = 19.9980 MILES
NUMBER OF SAMPLES = 2370

MEAN VELOCITY = 53.18258
VELOCITY STANDARD DEVIATION = 5.31028

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01410
ABSOLUTE STANDARD DEVIATION = .01398
NUMBER OF SAMPLES = 2370.

POSITIVE WITH ZEROS MEAN = .01253
POSITIVE WITH ZEROS STANDARD DEVIATION = .01209
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .09
NUMBER OF POSITIVE AND ZERO SAMPLES = 1977

NEGATIVE WITH ZEROS MEAN = -.00872
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01618
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.10
NUMBER OF NEGATIVE AND ZERO SAMPLES = 991.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02026
ABSOLUTE STANDARD DEVIATION = .02588
NUMBER OF SAMPLES = 2370.

POSITIVE WITH ZEROS MEAN = .01669
POSITIVE WITH ZEROS STANDARD DEVIATION = .02117
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .19
NUMBER OF POSITIVE AND ZERO SAMPLES = 1652.

NEGATIVE WITH ZEROS MEAN = -.01567
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02824
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1305.

TEST NUMBER : 4S0009
RUN NUMBER : R2-1
DRIVER NUMBER : 09
COURSE LEG : 1
START DISTANCE = 6.0008 MILES
END DISTANCE = 19.9950 MILES
NUMBER OF SAMPLES = 2363

MEAN VELOCITY = 53.02388
VELOCITY STANDARD DEVIATION = 5.26160

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01317
ABSOLUTE STANDARD DEVIATION = .01389
NUMBER OF SAMPLES = 2363.

POSITIVE WITH ZEROS MEAN = .01101
POSITIVE WITH ZEROS STANDARD DEVIATION = .01080
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .06
NUMBER OF POSITIVE AND ZERO SAMPLES = 1903

NEGATIVE WITH ZEROS MEAN = -.00936
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01711
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1097.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02118
ABSOLUTE STANDARD DEVIATION = .02664
NUMBER OF SAMPLES = 2363.

POSITIVE WITH ZEROS MEAN = .01734
POSITIVE WITH ZEROS STANDARD DEVIATION = .02066
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 1486.

NEGATIVE WITH ZEROS MEAN = -.01779
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02995
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.26
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1365.

TEST NUMBER : 450009
RUN NUMBER : R4-1
DRIVER NUMBER : 09
COURSE LEG : 1
START DISTANCE = 6.0037 MILES
END DISTANCE = 19.9978 MILES
NUMBER OF SAMPLES = 2370

MEAN VELOCITY = 53.18992
VELOCITY STANDARD DEVIATION = 4.84657

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01340
ABSOLUTE STANDARD DEVIATION = .01557
NUMBER OF SAMPLES = 2370.

POSITIVE WITH ZEROS MEAN = .01046
POSITIVE WITH ZEROS STANDARD DEVIATION = .06003
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .09
NUMBER OF POSITIVE AND ZERO SAMPLES = 1870

NEGATIVE WITH ZEROS MEAN = -.00993
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08274
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1228.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02003
ABSOLUTE STANDARD DEVIATION = .02304
NUMBER OF SAMPLES = 2370.

POSITIVE WITH ZEROS MEAN = .01479
POSITIVE WITH ZEROS STANDARD DEVIATION = .08175
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 1361.

NEGATIVE WITH ZEROS MEAN = -.01767
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07300
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1548.

TEST NUMBER : 450009
RUN NUMBER : R6-1
DRIVER NUMBER : 09
COURSE LEG : 1
START DISTANCE = 6.0005 MILES
END DISTANCE = 19.9974 MILES
NUMBER OF SAMPLES = 2326

MEAN VELOCITY = 54.18176
VELOCITY STANDARD DEVIATION = 5.02927

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01352
ABSOLUTE STANDARD DEVIATION = .01446
NUMBER OF SAMPLES = 2326.

POSITIVE WITH ZEROS MEAN = .01178
POSITIVE WITH ZEROS STANDARD DEVIATION = .01304
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .11
NUMBER OF POSITIVE AND ZERO SAMPLES = 1901

NEGATIVE WITH ZEROS MEAN = -.00820
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01506
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.10
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1104.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02363
ABSOLUTE STANDARD DEVIATION = .02712
NUMBER OF SAMPLES = 2326.

POSITIVE WITH ZEROS MEAN = .01810
POSITIVE WITH ZEROS STANDARD DEVIATION = .02307
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 1155.

NEGATIVE WITH ZEROS MEAN = -.02207
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02865
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1543.

TEST NUMBER : 450009
RUN NUMBER : R8-1
DRIVER NUMBER : 09
COURSE LEG : 1
START DISTANCE = 6.0036 MILES
END DISTANCE = 19.9962 MILES
NUMBER OF SAMPLES = 2365

MEAN VELOCITY = 53.27600
VELOCITY STANDARD DEVIATION = 5.43118

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01359
ABSOLUTE STANDARD DEVIATION = .01380
NUMBER OF SAMPLES = 2365.

POSITIVE WITH ZEROS MEAN = .01137
POSITIVE WITH ZEROS STANDARD DEVIATION = .01142
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .06
NUMBER OF POSITIVE AND ZERO SAMPLES = 1779

NEGATIVE WITH ZEROS MEAN = -.00984
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01596
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.12
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1211.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01951
ABSOLUTE STANDARD DEVIATION = .02383
NUMBER OF SAMPLES = 2365.

POSITIVE WITH ZEROS MEAN = .01236
POSITIVE WITH ZEROS STANDARD DEVIATION = .02130
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1048.

NEGATIVE WITH ZEROS MEAN = -.01746
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02327
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.24
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1901.

TEST NUMBER : 490009
RUN NUMBER : B12-1
DRIVER NUMBER : 09
COURSE LEG : 2
START DISTANCE = 120.0100 MILES
END DISTANCE = 134.0000 MILES
NUMBER OF SAMPLES = 2489

MEAN VELOCITY = 50.63652
VELOCITY STANDARD DEVIATION = 6.90636

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03167
ABSOLUTE STANDARD DEVIATION = .03868
NUMBER OF SAMPLES = 2489.

POSITIVE WITH ZEROS MEAN = .02506
POSITIVE WITH ZEROS STANDARD DEVIATION = .03981
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 1514

NEGATIVE WITH ZEROS MEAN = -.02710
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04228
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.29
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1509.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03896
ABSOLUTE STANDARD DEVIATION = .03972
NUMBER OF SAMPLES = 2489.

POSITIVE WITH ZEROS MEAN = .03617
POSITIVE WITH ZEROS STANDARD DEVIATION = .04739
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .32
NUMBER OF POSITIVE AND ZERO SAMPLES = 1610.

NEGATIVE WITH ZEROS MEAN = -.03471
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05357
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1116.

TEST NUMBER : 450009
RUN NUMBER : R2-1
DRIVER NUMBER : 09
COURSE LEG : 2
START DISTANCE = 120.0054 MILES
END DISTANCE = 134.0000 MILES
NUMBER OF SAMPLES = 2501

MEAN VELOCITY = 50.20476
VELOCITY STANDARD DEVIATION = 7.29149

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03152
ABSOLUTE STANDARD DEVIATION = .03836
NUMBER OF SAMPLES = 2501.

POSITIVE WITH ZEROS MEAN = .02488
POSITIVE WITH ZEROS STANDARD DEVIATION = .03734
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .19
NUMBER OF POSITIVE AND ZERO SAMPLES = 1515

NEGATIVE WITH ZEROS MEAN = -.02718
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04351
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1513.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03945
ABSOLUTE STANDARD DEVIATION = .04011
NUMBER OF SAMPLES = 2501.

POSITIVE WITH ZEROS MEAN = .03637
POSITIVE WITH ZEROS STANDARD DEVIATION = .04725
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .28
NUMBER OF POSITIVE AND ZERO SAMPLES = 1522.

NEGATIVE WITH ZEROS MEAN = -.03470
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05476
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1248.

TEST NUMBER : 450009
RUN NUMBER : R4-1
DRIVER NUMBER : 09
COURSE LEG : 2
START DISTANCE = 120.0075 MILES
END DISTANCE = 132.1329 MILES
NUMBER OF SAMPLES = 2123

MEAN VELOCITY = 51.45573
VELOCITY STANDARD DEVIATION = 6.35429

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03400
ABSOLUTE STANDARD DEVIATION = .03665
NUMBER OF SAMPLES = 2123.

POSITIVE WITH ZEROS MEAN = .02800
POSITIVE WITH ZEROS STANDARD DEVIATION = .08318
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 1209

NEGATIVE WITH ZEROS MEAN = -.02981
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08961
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1286.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04350
ABSOLUTE STANDARD DEVIATION = .04385
NUMBER OF SAMPLES = 2123.

POSITIVE WITH ZEROS MEAN = .04019
POSITIVE WITH ZEROS STANDARD DEVIATION = .10189
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .39
NUMBER OF POSITIVE AND ZERO SAMPLES = 1131.

NEGATIVE WITH ZEROS MEAN = -.04068
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09659
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1153.

TEST NUMBER : 450009
RUN NUMBER : R6-1
DRIVER NUMBER : 09
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 133.9961 MILES
NUMBER OF SAMPLES = 2464

MEAN VELOCITY = 51.16733
VELOCITY STANDARD DEVIATION = 7.15968

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03454
ABSOLUTE STANDARD DEVIATION = .03821
NUMBER OF SAMPLES = 2464.

POSITIVE WITH ZEROS MEAN = .02902
POSITIVE WITH ZEROS STANDARD DEVIATION = .04090
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .20
NUMBER OF POSITIVE AND ZERO SAMPLES = 1414

NEGATIVE WITH ZEROS MEAN = -.02982
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04178
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1478.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04151
ABSOLUTE STANDARD DEVIATION = .04049
NUMBER OF SAMPLES = 2464.

POSITIVE WITH ZEROS MEAN = .03950
POSITIVE WITH ZEROS STANDARD DEVIATION = .04955
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .31
NUMBER OF POSITIVE AND ZERO SAMPLES = 1391.

NEGATIVE WITH ZEROS MEAN = -.03752
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05587
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1262.

TEST NUMBER : 4S0009
RUN NUMBER : R8-1
DRIVER NUMBER : 09
COURSE LEG : 2
START DISTANCE = 120.0002 MILES
END DISTANCE = 133.9961 MILES
NUMBER OF SAMPLES = 2474

MEAN VELOCITY = 50.94664
VELOCITY STANDARD DEVIATION = 6.65909

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03540
ABSOLUTE STANDARD DEVIATION = .04040
NUMBER OF SAMPLES = 2474.

POSITIVE WITH ZEROS MEAN = .03015
POSITIVE WITH ZEROS STANDARD DEVIATION = .04038
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .21
NUMBER OF POSITIVE AND ZERO SAMPLES = 1317

NEGATIVE WITH ZEROS MEAN = -.03050
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04532
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.35
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1570.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03703
ABSOLUTE STANDARD DEVIATION = .04030
NUMBER OF SAMPLES = 2474.

POSITIVE WITH ZEROS MEAN = .03556
POSITIVE WITH ZEROS STANDARD DEVIATION = .04934
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .35
NUMBER OF POSITIVE AND ZERO SAMPLES = 1258.

NEGATIVE WITH ZEROS MEAN = -.03125
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04857
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1500.

TEST NUMBER : 450000
 RUN NUMBER : 012-1
 DRIVER NUMBER : 00
 COURSE LEG : 3
 START DISTANCE 271.0000 MILES
 END DISTANCE 285.0000 MILES
 NUMBER OF SAMPLES = 2462

 MEAN VELOCITY = 51.01003
 VELOCITY STANDARD DEVIATION = 11.08634

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02202
 ABSOLUTE STANDARD DEVIATION = .04790
 NUMBER OF SAMPLES = 2462.

 POSITIVE WITH ZEROS MEAN = .01379
 POSITIVE WITH ZEROS STANDARD DEVIATION = .05236
 MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
 NUMBER OF POSITIVE AND ZERO SAMPLES = 2078

 NEGATIVE WITH ZEROS MEAN = -.01632
 NEGATIVE WITH ZEROS STANDARD DEVIATION = .06916
 MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.27
 NUMBER OF NEGATIVE AND ZERO SAMPLES = 1566.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01860
 ABSOLUTE STANDARD DEVIATION = .02258
 NUMBER OF SAMPLES = 2462.

 POSITIVE WITH ZEROS MEAN = .01725
 POSITIVE WITH ZEROS STANDARD DEVIATION = .05783
 MAXIMUM POSITIVE WITH ZEROS SAMPLE = .25
 NUMBER OF POSITIVE AND ZERO SAMPLES = 1996.

 NEGATIVE WITH ZEROS MEAN = -.01002
 NEGATIVE WITH ZEROS STANDARD DEVIATION = .06998
 MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
 NUMBER OF NEGATIVE AND ZERO SAMPLES = 1014.

TEST NUMBER : 490009
RUN NUMBER : R2-1
DRIVER NUMBER : 09
COURSE LEG : 3
START DISTANCE = 271.0100 MILES
END DISTANCE = 285.0000 MILES
NUMBER OF SAMPLES = 2434

MEAN VELOCITY = 51.87667
VELOCITY STANDARD DEVIATION = 9.29425

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01828
ABSOLUTE STANDARD DEVIATION = .04301
NUMBER OF SAMPLES = 2434.

POSITIVE WITH ZEROS MEAN = .01144
POSITIVE WITH ZEROS STANDARD DEVIATION = .04762
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 2149

NEGATIVE WITH ZEROS MEAN = -.01315
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06765
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.27
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1515.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01780
ABSOLUTE STANDARD DEVIATION = .02491
NUMBER OF SAMPLES = 2434.

POSITIVE WITH ZEROS MEAN = .01607
POSITIVE WITH ZEROS STANDARD DEVIATION = .06222
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .29
NUMBER OF POSITIVE AND ZERO SAMPLES = 1703.

NEGATIVE WITH ZEROS MEAN = -.01186
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06520
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1345.

TEST NUMBER : 450009
RUN NUMBER : R4-1
DRIVER NUMBER : 09
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 284.9105 MILES
NUMBER OF SAMPLES = 2438

MEAN VELOCITY = 51.35111
VELOCITY STANDARD DEVIATION = 10.50549

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02004
ABSOLUTE STANDARD DEVIATION = .04707
NUMBER OF SAMPLES = 2438.

POSITIVE WITH ZEROS MEAN = .01231
POSITIVE WITH ZEROS STANDARD DEVIATION = .07639
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .27
NUMBER OF POSITIVE AND ZERO SAMPLES = 2002

NEGATIVE WITH ZEROS MEAN = -.01358
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09122
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.27
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1784.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01750
ABSOLUTE STANDARD DEVIATION = .02676
NUMBER OF SAMPLES = 2438.

POSITIVE WITH ZEROS MEAN = .01429
POSITIVE WITH ZEROS STANDARD DEVIATION = .09848
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .36
NUMBER OF POSITIVE AND ZERO SAMPLES = 1549.

NEGATIVE WITH ZEROS MEAN = -.01316
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09171
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.16
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1559.

TEST NUMBER : 450009
RUN NUMBER : R6-1
DRIVER NUMBER : 09
COURSE LEG : 3
START DISTANCE = 271.6600 MILES
END DISTANCE = 284.9961 MILES
NUMBER OF SAMPLES = 2371

MEAN VELOCITY = 50.71116
VELOCITY STANDARD DEVIATION = 10.40748

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02120
ABSOLUTE STANDARD DEVIATION = .04269
NUMBER OF SAMPLES = 2371.

POSITIVE WITH ZEROS MEAN = .01425
POSITIVE WITH ZEROS STANDARD DEVIATION = .05270
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 1947

NEGATIVE WITH ZEROS MEAN = -.01534
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06751
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.27
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1468.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02076
ABSOLUTE STANDARD DEVIATION = .02563
NUMBER OF SAMPLES = 2371.

POSITIVE WITH ZEROS MEAN = .01389
POSITIVE WITH ZEROS STANDARD DEVIATION = .06828
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .25
NUMBER OF POSITIVE AND ZERO SAMPLES = 1348.

NEGATIVE WITH ZEROS MEAN = -.02014
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06662
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.20
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1515.

TEST NUMBER : 4S0009
RUN NUMBER : R8-1
DRIVER NUMBER : 09
COURSE LEG : 3
START DISTANCE = 270.9987 MILES
END DISTANCE = 284.9960 MILES
NUMBER OF SAMPLES = 2558

MEAN VELOCITY = 49.26778
VELOCITY STANDARD DEVIATION = 12.98596

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02249
ABSOLUTE STANDARD DEVIATION = .04257
NUMBER OF SAMPLES = 2558.

POSITIVE WITH ZEROS MEAN = .01535
POSITIVE WITH ZEROS STANDARD DEVIATION = .05360
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 1839

NEGATIVE WITH ZEROS MEAN = -.01668
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06645
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.24
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1756.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01651
ABSOLUTE STANDARD DEVIATION = .02244
NUMBER OF SAMPLES = 2558.

POSITIVE WITH ZEROS MEAN = .01272
POSITIVE WITH ZEROS STANDARD DEVIATION = .06235
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .25
NUMBER OF POSITIVE AND ZERO SAMPLES = 1443.

NEGATIVE WITH ZEROS MEAN = -.01302
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05470
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1834.

TEST NUMBER : 480009
RUN NUMBER : B12-1
DRIVER NUMBER : 09
COURSE LEG : 4
START DISTANCE = 328.5700 MILES
END DISTANCE = 340.0000 MILES
NUMBER OF SAMPLES = 1841

MEAN VELOCITY = 53.81849
VELOCITY STANDARD DEVIATION = 5.27666

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01640
ABSOLUTE STANDARD DEVIATION = .02592
NUMBER OF SAMPLES = 1841.

POSITIVE WITH ZEROS MEAN = .01545
POSITIVE WITH ZEROS STANDARD DEVIATION = .06735
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .21
NUMBER OF POSITIVE AND ZERO SAMPLES = 1572

NEGATIVE WITH ZEROS MEAN = -.00692
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09795
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.20
NUMBER OF NEGATIVE AND ZERO SAMPLES = 854.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02169
ABSOLUTE STANDARD DEVIATION = .01946
NUMBER OF SAMPLES = 1841.

POSITIVE WITH ZEROS MEAN = .01994
POSITIVE WITH ZEROS STANDARD DEVIATION = .07355
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .11
NUMBER OF POSITIVE AND ZERO SAMPLES = 1412.

NEGATIVE WITH ZEROS MEAN = -.01601
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08690
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 736.

TEST NUMBER : 480009
RUN NUMBER : R2-1
DRIVER NUMBER : 09
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 340.0000 MILES
NUMBER OF SAMPLES = 2349

MEAN VELOCITY = 53.78391
VELOCITY STANDARD DEVIATION = 3.17700

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01644
ABSOLUTE STANDARD DEVIATION = .02514
NUMBER OF SAMPLES = 2349.

POSITIVE WITH ZEROS MEAN = .01254
POSITIVE WITH ZEROS STANDARD DEVIATION = .05704
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .20
NUMBER OF POSITIVE AND ZERO SAMPLES = 1896

NEGATIVE WITH ZEROS MEAN = -.01166
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07847
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.20
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1272.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02448
ABSOLUTE STANDARD DEVIATION = .02583
NUMBER OF SAMPLES = 2349.

POSITIVE WITH ZEROS MEAN = .02243
POSITIVE WITH ZEROS STANDARD DEVIATION = .07299
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .43
NUMBER OF POSITIVE AND ZERO SAMPLES = 1480.

NEGATIVE WITH ZEROS MEAN = -.02051
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07570
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.24
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1185.

TEST NUMBER : 450009
RUN NUMBER : R4-1
DRIVER NUMBER : 09
COURSE LEG : 4
START DISTANCE = 326.0080 MILES
END DISTANCE = 340.0000 MILES
NUMBER OF SAMPLES = 2293

MEAN VELOCITY = 54.49217
VELOCITY STANDARD DEVIATION = 1.23117

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01537
ABSOLUTE STANDARD DEVIATION = .02139
NUMBER OF SAMPLES = 2293.

POSITIVE WITH ZEROS MEAN = .01016
POSITIVE WITH ZEROS STANDARD DEVIATION = .01630
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .11
NUMBER OF POSITIVE AND ZERO SAMPLES = 1708

NEGATIVE WITH ZEROS MEAN = -.01248
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02276
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.14
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1434.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02159
ABSOLUTE STANDARD DEVIATION = .02027
NUMBER OF SAMPLES = 2293.

POSITIVE WITH ZEROS MEAN = .01698
POSITIVE WITH ZEROS STANDARD DEVIATION = .02019
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 1290.

NEGATIVE WITH ZEROS MEAN = -.01903
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02035
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1451.

TEST NUMBER : 450009
RUN NUMBER : R6-1
DRIVER NUMBER : 09
COURSE LEG : 4
START DISTANCE = 326.0100 MILES
END DISTANCE = 339.9960 MILES
NUMBER OF SAMPLES = 2294

MEAN VELOCITY = 55.11326
VELOCITY STANDARD DEVIATION = 1.20044

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01583
ABSOLUTE STANDARD DEVIATION = .02070
NUMBER OF SAMPLES = 2294.

POSITIVE WITH ZEROS MEAN = .01186
POSITIVE WITH ZEROS STANDARD DEVIATION = .05982
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1760

NEGATIVE WITH ZEROS MEAN = -.01198
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07713
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.23
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1289.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02192
ABSOLUTE STANDARD DEVIATION = .01974
NUMBER OF SAMPLES = 2294.

POSITIVE WITH ZEROS MEAN = .01672
POSITIVE WITH ZEROS STANDARD DEVIATION = .07530
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .13
NUMBER OF POSITIVE AND ZERO SAMPLES = 1240.

NEGATIVE WITH ZEROS MEAN = -.02005
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07326
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.12
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1474.

TEST NUMBER : 450009
RUN NUMBER : R8-1
DRIVER NUMBER : 09
COURSE LEG : 4
START DISTANCE = 325.9997 MILES
END DISTANCE = 339.9984 MILES
NUMBER OF SAMPLES = 2306

MEAN VELOCITY = 54.84846
VELOCITY STANDARD DEVIATION = 1.25185

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01649
ABSOLUTE STANDARD DEVIATION = .02063
NUMBER OF SAMPLES = 2306.

POSITIVE WITH ZEROS MEAN = .01246
POSITIVE WITH ZEROS STANDARD DEVIATION = .06156
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1631

NEGATIVE WITH ZEROS MEAN = -.01299
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08087
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1362.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01887
ABSOLUTE STANDARD DEVIATION = .01787
NUMBER OF SAMPLES = 2306.

POSITIVE WITH ZEROS MEAN = .01464
POSITIVE WITH ZEROS STANDARD DEVIATION = .06751
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .13
NUMBER OF POSITIVE AND ZERO SAMPLES = 1376.

NEGATIVE WITH ZEROS MEAN = -.01698
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06731
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.11
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1377.

TEST NUMBER : 4S0009
RUN NUMBER : B11-2
DRIVER NUMBER : 15
COURSE LEG : 1
START DISTANCE = 6.0010 MILES
END DISTANCE = 19.9981 MILES
NUMBER OF SAMPLES = 2323

MEAN VELOCITY = 54.25224
VELOCITY STANDARD DEVIATION = 5.56895

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01632
ABSOLUTE STANDARD DEVIATION = .01674
NUMBER OF SAMPLES = 2323.

POSITIVE WITH ZEROS MEAN = .01437
POSITIVE WITH ZEROS STANDARD DEVIATION = .01329
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .07
NUMBER OF POSITIVE AND ZERO SAMPLES = 1893

NEGATIVE WITH ZEROS MEAN = -.01128
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02114
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 949.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01997
ABSOLUTE STANDARD DEVIATION = .02653
NUMBER OF SAMPLES = 2323.

POSITIVE WITH ZEROS MEAN = .01675
POSITIVE WITH ZEROS STANDARD DEVIATION = .02089
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 1502.

NEGATIVE WITH ZEROS MEAN = -.01649
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02970
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1288.

TEST NUMBER : 450009
RUN NUMBER : R1-2
DRIVER NUMBER : 15
COURSE LEG : 1
START DISTANCE = 6.0004 MILES
END DISTANCE = 17.3841 MILES
NUMBER OF SAMPLES = 1945

MEAN VELOCITY = 52.70334
VELOCITY STANDARD DEVIATION = 5.41383

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01356
ABSOLUTE STANDARD DEVIATION = .01442
NUMBER OF SAMPLES = 1945.

POSITIVE WITH ZEROS MEAN = .01116
POSITIVE WITH ZEROS STANDARD DEVIATION = .05266
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .07
NUMBER OF POSITIVE AND ZERO SAMPLES = 1489

NEGATIVE WITH ZEROS MEAN = -.00999
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07046
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 978.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02086
ABSOLUTE STANDARD DEVIATION = .02444
NUMBER OF SAMPLES = 1945.

POSITIVE WITH ZEROS MEAN = .01633
POSITIVE WITH ZEROS STANDARD DEVIATION = .07503
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 1230.

NEGATIVE WITH ZEROS MEAN = -.01830
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07844
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1120.

TEST NUMBER : 4S0009
RUN NUMBER : R3-2
DRIVER NUMBER : 15
COURSE LEG : 1
START DISTANCE = 6.0002 MILES
END DISTANCE = 17.8556 MILES
NUMBER OF SAMPLES = 1995

MEAN VELOCITY = 53.56541
VELOCITY STANDARD DEVIATION = 5.69726

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01368
ABSOLUTE STANDARD DEVIATION = .01500
NUMBER OF SAMPLES = 1995.

POSITIVE WITH ZEROS MEAN = .01029
POSITIVE WITH ZEROS STANDARD DEVIATION = .08321
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .08
NUMBER OF POSITIVE AND ZERO SAMPLES = 1503

NEGATIVE WITH ZEROS MEAN = -.01039
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10280
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1140.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02120
ABSOLUTE STANDARD DEVIATION = .02393
NUMBER OF SAMPLES = 1995.

POSITIVE WITH ZEROS MEAN = .01491
POSITIVE WITH ZEROS STANDARD DEVIATION = .11505
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1058.

NEGATIVE WITH ZEROS MEAN = -.01941
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10239
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.23
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1367.

TEST NUMBER : 480009
RUN NUMBER : R5-2
DRIVER NUMBER : 15
COURSE LEG : 1
START DISTANCE = 6.0015 MILES
END DISTANCE = 19.9993 MILES
NUMBER OF SAMPLES = 2353

MEAN VELOCITY = 53.56396
VELOCITY STANDARD DEVIATION = 5.78294

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01906
ABSOLUTE STANDARD DEVIATION = .01850
NUMBER OF SAMPLES = 2353.

POSITIVE WITH ZEROS MEAN = .01644
POSITIVE WITH ZEROS STANDARD DEVIATION = .01802
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1630

NEGATIVE WITH ZEROS MEAN = -.01476
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01862
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1222.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02123
ABSOLUTE STANDARD DEVIATION = .02909
NUMBER OF SAMPLES = 2353.

POSITIVE WITH ZEROS MEAN = .01535
POSITIVE WITH ZEROS STANDARD DEVIATION = .02521
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 1304.

NEGATIVE WITH ZEROS MEAN = -.01759
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02857
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.29
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1703.

TEST NUMBER : 450009
RUN NUMBER : R7-2
DRIVER NUMBER : 15
COURSE LEG : 1
START DISTANCE = 6.0046 MILES
END DISTANCE = 17.8682 MILES
NUMBER OF SAMPLES = 1968

MEAN VELOCITY = 54.33979
VELOCITY STANDARD DEVIATION = 5.30681

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01388
ABSOLUTE STANDARD DEVIATION = .01439
NUMBER OF SAMPLES = 1968.

POSITIVE WITH ZEROS MEAN = .01185
POSITIVE WITH ZEROS STANDARD DEVIATION = .06479
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .07
NUMBER OF POSITIVE AND ZERO SAMPLES = 1506

NEGATIVE WITH ZEROS MEAN = -.00959
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09101
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 987.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01855
ABSOLUTE STANDARD DEVIATION = .02357
NUMBER OF SAMPLES = 1968.

POSITIVE WITH ZEROS MEAN = .01527
POSITIVE WITH ZEROS STANDARD DEVIATION = .10322
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 658.

NEGATIVE WITH ZEROS MEAN = -.01679
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07188
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1575.

TEST NUMBER : 450009
RUN NUMBER : B11-2
DRIVER NUMBER : 15
COURSE LEG : 2
START DISTANCE = 119.9954 MILES
END DISTANCE = 133.9966 MILES
NUMBER OF SAMPLES = 2486

MEAN VELOCITY = 50.55309
VELOCITY STANDARD DEVIATION = 7.12585

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03328
ABSOLUTE STANDARD DEVIATION = .03344
NUMBER OF SAMPLES = 2486.

POSITIVE WITH ZEROS MEAN = .02839
POSITIVE WITH ZEROS STANDARD DEVIATION = .03602
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1524

NEGATIVE WITH ZEROS MEAN = -.02988
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04281
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1321.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03787
ABSOLUTE STANDARD DEVIATION = .04168
NUMBER OF SAMPLES = 2486.

POSITIVE WITH ZEROS MEAN = .03582
POSITIVE WITH ZEROS STANDARD DEVIATION = .04732
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .29
NUMBER OF POSITIVE AND ZERO SAMPLES = 1531.

NEGATIVE WITH ZEROS MEAN = -.03249
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05590
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1210.

TEST NUMBER : 450009
RUN NUMBER : R1-2
DRIVER NUMBER : 15
COURSE LEG : 2
START DISTANCE = 120.0165 MILES
END DISTANCE = 131.9848 MILES
NUMBER OF SAMPLES = 2154

MEAN VELOCITY = 50.10505
VELOCITY STANDARD DEVIATION = 6.43364

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03125
ABSOLUTE STANDARD DEVIATION = .03065
NUMBER OF SAMPLES = 2154.

POSITIVE WITH ZEROS MEAN = .02575
POSITIVE WITH ZEROS STANDARD DEVIATION = .06423
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1271

NEGATIVE WITH ZEROS MEAN = -.02907
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07278
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.30
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1190.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04126
ABSOLUTE STANDARD DEVIATION = .04353
NUMBER OF SAMPLES = 2154.

POSITIVE WITH ZEROS MEAN = .03873
POSITIVE WITH ZEROS STANDARD DEVIATION = .09144
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .29
NUMBER OF POSITIVE AND ZERO SAMPLES = 1138.

NEGATIVE WITH ZEROS MEAN = -.03660
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08768
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.27
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1224.

TEST NUMBER : 450009
RUN NUMBER : R3-2
DRIVER NUMBER : 15
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 132.1350 MILES
NUMBER OF SAMPLES = 2146

MEAN VELOCITY = 50.89248
VELOCITY STANDARD DEVIATION = 7.38789

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03435
ABSOLUTE STANDARD DEVIATION = .03310
NUMBER OF SAMPLES = 2146.

POSITIVE WITH ZEROS MEAN = .02706
POSITIVE WITH ZEROS STANDARD DEVIATION = .09706
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 1219

NEGATIVE WITH ZEROS MEAN = -.03377
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10724
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.32
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1206.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04351
ABSOLUTE STANDARD DEVIATION = .04178
NUMBER OF SAMPLES = 2146.

POSITIVE WITH ZEROS MEAN = .03864
POSITIVE WITH ZEROS STANDARD DEVIATION = .11875
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .24
NUMBER OF POSITIVE AND ZERO SAMPLES = 1143.

NEGATIVE WITH ZEROS MEAN = -.04149
NEGATIVE WITH ZEROS STANDARD DEVIATION = .11984
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.24
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1186.

TEST NUMBER : 4S0009
RUN NUMBER : R5-2
DRIVER NUMBER : 15
COURSE LEG : 2
START DISTANCE = 120.0050 MILES
END DISTANCE = 133.9962 MILES
NUMBER OF SAMPLES = 2511

MEAN VELOCITY = 50.19613
VELOCITY STANDARD DEVIATION = 7.37275

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03193
ABSOLUTE STANDARD DEVIATION = .03050
NUMBER OF SAMPLES = 2511.

POSITIVE WITH ZEROS MEAN = .02576
POSITIVE WITH ZEROS STANDARD DEVIATION = .03735
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1461

NEGATIVE WITH ZEROS MEAN = -.03026
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04012
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.20
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1406.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03710
ABSOLUTE STANDARD DEVIATION = .03976
NUMBER OF SAMPLES = 2511.

POSITIVE WITH ZEROS MEAN = .03428
POSITIVE WITH ZEROS STANDARD DEVIATION = .05084
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .25
NUMBER OF POSITIVE AND ZERO SAMPLES = 1372.

NEGATIVE WITH ZEROS MEAN = -.03024
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05075
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1525.

TEST NUMBER : 4S0009
RUN NUMBER : R7-2
DRIVER NUMBER : 15
COURSE LEG : 2
START DISTANCE = 120.0100 MILES
END DISTANCE = 131.7777 MILES
NUMBER OF SAMPLES = 2095

MEAN VELOCITY = 50.55349
VELOCITY STANDARD DEVIATION = 7.43168

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03414
ABSOLUTE STANDARD DEVIATION = .03176
NUMBER OF SAMPLES = 2095.

POSITIVE WITH ZEROS MEAN = .03068
POSITIVE WITH ZEROS STANDARD DEVIATION = .08131
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 1140

NEGATIVE WITH ZEROS MEAN = -.03011
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08913
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1214.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03922
ABSOLUTE STANDARD DEVIATION = .04214
NUMBER OF SAMPLES = 2095.

POSITIVE WITH ZEROS MEAN = .03692
POSITIVE WITH ZEROS STANDARD DEVIATION = .09343
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .30
NUMBER OF POSITIVE AND ZERO SAMPLES = 1060.

NEGATIVE WITH ZEROS MEAN = -.03498
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09233
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1230.

TEST NUMBER : 450009
RUN NUMBER : R1-2
DRIVER NUMBER : 15
COURSE LEG : 3
START DISTANCE = 270.9993 MILES
END DISTANCE = 284.9968 MILES
NUMBER OF SAMPLES = 2508

MEAN VELOCITY = 50.26866
VELOCITY STANDARD DEVIATION = 10.85463

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02530
ABSOLUTE STANDARD DEVIATION = .04622
NUMBER OF SAMPLES = 2508.

POSITIVE WITH ZEROS MEAN = .01745
POSITIVE WITH ZEROS STANDARD DEVIATION = .06760
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .27
NUMBER OF POSITIVE AND ZERO SAMPLES = 1915

NEGATIVE WITH ZEROS MEAN = -.01948
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08228
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.35
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1542.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01734
ABSOLUTE STANDARD DEVIATION = .02931
NUMBER OF SAMPLES = 2508.

POSITIVE WITH ZEROS MEAN = .01405
POSITIVE WITH ZEROS STANDARD DEVIATION = .08744
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .29
NUMBER OF POSITIVE AND ZERO SAMPLES = 1643.

NEGATIVE WITH ZEROS MEAN = -.01250
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08585
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1633.

TEST NUMBER : 450009
RUN NUMBER : R3-2
DRIVER NUMBER : 15
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 284.9979 MILES
NUMBER OF SAMPLES = 2428

MEAN VELOCITY = 51.88667
VELOCITY STANDARD DEVIATION = 11.10322

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02367
ABSOLUTE STANDARD DEVIATION = .04867
NUMBER OF SAMPLES = 2428.

POSITIVE WITH ZEROS MEAN = .01543
POSITIVE WITH ZEROS STANDARD DEVIATION = .09085
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .30
NUMBER OF POSITIVE AND ZERO SAMPLES = 1829

NEGATIVE WITH ZEROS MEAN = -.01844
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10847
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.38
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1586.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02070
ABSOLUTE STANDARD DEVIATION = .02598
NUMBER OF SAMPLES = 2428.

POSITIVE WITH ZEROS MEAN = .01795
POSITIVE WITH ZEROS STANDARD DEVIATION = .11793
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .26
NUMBER OF POSITIVE AND ZERO SAMPLES = 1366.

NEGATIVE WITH ZEROS MEAN = -.01682
NEGATIVE WITH ZEROS STANDARD DEVIATION = .11348
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.26
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1530.

TEST NUMBER : 450009
RUN NUMBER : R5-2
DRIVER NUMBER : 15
COURSE LEG : 3
START DISTANCE = 271.0100 MILES
END DISTANCE = 284.9960 MILES
NUMBER OF SAMPLES = 2394

MEAN VELOCITY = 52.51502
VELOCITY STANDARD DEVIATION = 9.90401

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01932
ABSOLUTE STANDARD DEVIATION = .04602
NUMBER OF SAMPLES = 2394.

POSITIVE WITH ZEROS MEAN = .01238
POSITIVE WITH ZEROS STANDARD DEVIATION = .05174
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .30
NUMBER OF POSITIVE AND ZERO SAMPLES = 1916

NEGATIVE WITH ZEROS MEAN = -.01343
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06365
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.49
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1678.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01503
ABSOLUTE STANDARD DEVIATION = .02288
NUMBER OF SAMPLES = 2394.

POSITIVE WITH ZEROS MEAN = .00905
POSITIVE WITH ZEROS STANDARD DEVIATION = .06549
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .21
NUMBER OF POSITIVE AND ZERO SAMPLES = 1369.

NEGATIVE WITH ZEROS MEAN = -.01263
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05665
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1868.

TEST NUMBER : 480009
RUN NUMBER : R7-2
DRIVER NUMBER : 15
COURSE LEG : 3
START DISTANCE = 270.9987 MILES
END DISTANCE = 284.9984 MILES
NUMBER OF SAMPLES = 2451

MEAN VELOCITY = 51.44820
VELOCITY STANDARD DEVIATION = 10.92402

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02548
ABSOLUTE STANDARD DEVIATION = .04754
NUMBER OF SAMPLES = 2451.

POSITIVE WITH ZEROS MEAN = .01887
POSITIVE WITH ZEROS STANDARD DEVIATION = .08039
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .29
NUMBER OF POSITIVE AND ZERO SAMPLES = 1747

NEGATIVE WITH ZEROS MEAN = -.01979
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09690
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.40
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1490.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01925
ABSOLUTE STANDARD DEVIATION = .02436
NUMBER OF SAMPLES = 2451.

POSITIVE WITH ZEROS MEAN = .01456
POSITIVE WITH ZEROS STANDARD DEVIATION = .10654
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .24
NUMBER OF POSITIVE AND ZERO SAMPLES = 1021.

NEGATIVE WITH ZEROS MEAN = -.01853
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08516
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1744.

TEST NUMBER : 490009
RUN NUMBER : BI1-2
DRIVER NUMBER : 15
COURSE LEG : 4
START DISTANCE = 326.0100 MILES
END DISTANCE = 339.9987 MILES
NUMBER OF SAMPLES = 2251

MEAN VELOCITY = 56.01514
VELOCITY STANDARD DEVIATION = 1.91830

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01747
ABSOLUTE STANDARD DEVIATION = .02111
NUMBER OF SAMPLES = 2251.

POSITIVE WITH ZEROS MEAN = .01282
POSITIVE WITH ZEROS STANDARD DEVIATION = .04683
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .12
NUMBER OF POSITIVE AND ZERO SAMPLES = 1664

NEGATIVE WITH ZEROS MEAN = -.01492
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05976
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.20
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1206.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02075
ABSOLUTE STANDARD DEVIATION = .02181
NUMBER OF SAMPLES = 2251.

POSITIVE WITH ZEROS MEAN = .01793
POSITIVE WITH ZEROS STANDARD DEVIATION = .06655
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 1346.

NEGATIVE WITH ZEROS MEAN = -.01694
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06551
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1332.

TEST NUMBER : 4S0009
RUN NUMBER : R1-2
DRIVER NUMBER : 15
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 336.5469 MILES
NUMBER OF SAMPLES = 1761

MEAN VELOCITY = 53.90229
VELOCITY STANDARD DEVIATION = 4.49896

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01742
ABSOLUTE STANDARD DEVIATION = .02402
NUMBER OF SAMPLES = 1761.

POSITIVE WITH ZEROS MEAN = .01320
POSITIVE WITH ZEROS STANDARD DEVIATION = .02970
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .12
NUMBER OF POSITIVE AND ZERO SAMPLES = 1398

NEGATIVE WITH ZEROS MEAN = -.01238
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03922
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 988.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02231
ABSOLUTE STANDARD DEVIATION = .02369
NUMBER OF SAMPLES = 1761.

POSITIVE WITH ZEROS MEAN = .01800
POSITIVE WITH ZEROS STANDARD DEVIATION = .03409
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .12
NUMBER OF POSITIVE AND ZERO SAMPLES = 1053.

NEGATIVE WITH ZEROS MEAN = -.02013
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04355
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.26
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1010.

TEST NUMBER : 450009
RUN NUMBER : R3-2
DRIVER NUMBER : 15
COURSE LEG : 4
START DISTANCE = 326.0074 MILES
END DISTANCE = 336.5619 MILES
NUMBER OF SAMPLES = 1700

MEAN VELOCITY = 55.94361
VELOCITY STANDARD DEVIATION = 1.68358

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01613
ABSOLUTE STANDARD DEVIATION = .02025
NUMBER OF SAMPLES = 1700.

POSITIVE WITH ZEROS MEAN = .01097
POSITIVE WITH ZEROS STANDARD DEVIATION = .11471
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1205

NEGATIVE WITH ZEROS MEAN = -.01360
NEGATIVE WITH ZEROS STANDARD DEVIATION = .13732
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.14
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1044.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02387
ABSOLUTE STANDARD DEVIATION = .02025
NUMBER OF SAMPLES = 1700.

POSITIVE WITH ZEROS MEAN = .01842
POSITIVE WITH ZEROS STANDARD DEVIATION = .15629
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 809.

NEGATIVE WITH ZEROS MEAN = -.02303
NEGATIVE WITH ZEROS STANDARD DEVIATION = .13603
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.11
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1115.

TEST NUMBER : 430009
RUN NUMBER : R5-2
DRIVER NUMBER : 15
COURSE LEG : 4
START DISTANCE = 325.9978 MILES
END DISTANCE = 339.9963 MILES
NUMBER OF SAMPLES = 2269

MEAN VELOCITY = 55.20168
VELOCITY STANDARD DEVIATION = 2.07649

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01556
ABSOLUTE STANDARD DEVIATION = .02029
NUMBER OF SAMPLES = 2269.

POSITIVE WITH ZEROS MEAN = .01121
POSITIVE WITH ZEROS STANDARD DEVIATION = .05946
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .11
NUMBER OF POSITIVE AND ZERO SAMPLES = 1666

NEGATIVE WITH ZEROS MEAN = -.01210
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07493
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1373.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01889
ABSOLUTE STANDARD DEVIATION = .01971
NUMBER OF SAMPLES = 2269.

POSITIVE WITH ZEROS MEAN = .01332
POSITIVE WITH ZEROS STANDARD DEVIATION = .07379
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .12
NUMBER OF POSITIVE AND ZERO SAMPLES = 1179.

NEGATIVE WITH ZEROS MEAN = -.01672
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06512
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.14
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1624.

TEST NUMBER : 450009
RUN NUMBER : R7-2
DRIVER NUMBER : 15
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 336.5103 MILES
NUMBER OF SAMPLES = 1709

MEAN VELOCITY = 55.34977
VELOCITY STANDARD DEVIATION = 2.05678

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01842
ABSOLUTE STANDARD DEVIATION = .02117
NUMBER OF SAMPLES = 1709.

POSITIVE WITH ZEROS MEAN = .01543
POSITIVE WITH ZEROS STANDARD DEVIATION = .10276
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .12
NUMBER OF POSITIVE AND ZERO SAMPLES = 1165

NEGATIVE WITH ZEROS MEAN = -.01452
NEGATIVE WITH ZEROS STANDARD DEVIATION = .12728
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 930.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01975
ABSOLUTE STANDARD DEVIATION = .01779
NUMBER OF SAMPLES = 1709.

POSITIVE WITH ZEROS MEAN = .01645
POSITIVE WITH ZEROS STANDARD DEVIATION = .13356
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .11
NUMBER OF POSITIVE AND ZERO SAMPLES = 674.

NEGATIVE WITH ZEROS MEAN = -.01938
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10796
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1169.

TEST NUMBER : 490009
RUN NUMBER : B11-1
DRIVER NUMBER : 16
COURSE LEG : 1
START DISTANCE = 6.0024 MILES
END DISTANCE = 19.9989 MILES
NUMBER OF SAMPLES = 2420

MEAN VELOCITY = 52.07540
VELOCITY STANDARD DEVIATION = 4.84997

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01353
ABSOLUTE STANDARD DEVIATION = .01498
NUMBER OF SAMPLES = 2420.

POSITIVE WITH ZEROS MEAN = .01152
POSITIVE WITH ZEROS STANDARD DEVIATION = .06246
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .07
NUMBER OF POSITIVE AND ZERO SAMPLES = 2001

NEGATIVE WITH ZEROS MEAN = -.00917
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09076
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.24
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1057.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01962
ABSOLUTE STANDARD DEVIATION = .02198
NUMBER OF SAMPLES = 2420.

POSITIVE WITH ZEROS MEAN = .01721
POSITIVE WITH ZEROS STANDARD DEVIATION = .06073
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .20
NUMBER OF POSITIVE AND ZERO SAMPLES = 1650.

NEGATIVE WITH ZEROS MEAN = -.01565
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08520
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1220.

TEST NUMBER : 4S0009
RUN NUMBER : R1-1
DRIVER NUMBER : 16
COURSE LEG : 1
START DISTANCE = 6.0043 MILES
END DISTANCE = 19.9945 MILES
NUMBER OF SAMPLES = 2397

MEAN VELOCITY = 52.55170
VELOCITY STANDARD DEVIATION = 5.20198

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01300
ABSOLUTE STANDARD DEVIATION = .01478
NUMBER OF SAMPLES = 2397.

POSITIVE WITH ZEROS MEAN = .01055
POSITIVE WITH ZEROS STANDARD DEVIATION = .04000
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .07
NUMBER OF POSITIVE AND ZERO SAMPLES = 1945

NEGATIVE WITH ZEROS MEAN = -.00899
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06324
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1183.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01884
ABSOLUTE STANDARD DEVIATION = .02233
NUMBER OF SAMPLES = 2397.

POSITIVE WITH ZEROS MEAN = .01528
POSITIVE WITH ZEROS STANDARD DEVIATION = .04911
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1477.

NEGATIVE WITH ZEROS MEAN = -.01505
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03788
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1500.

TEST NUMBER : 450009
RUN NUMBER : R3-1
DRIVER NUMBER : 16
COURSE LEG : 1
START DISTANCE = 6.0033 MILES
END DISTANCE = 19.9972 MILES
NUMBER OF SAMPLES = 2408

MEAN VELOCITY = 52.28483
VELOCITY STANDARD DEVIATION = 5.83956

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01327
ABSOLUTE STANDARD DEVIATION = .01615
NUMBER OF SAMPLES = 2408.

POSITIVE WITH ZEROS MEAN = .00933
POSITIVE WITH ZEROS STANDARD DEVIATION = .01244
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .08
NUMBER OF POSITIVE AND ZERO SAMPLES = 1675

NEGATIVE WITH ZEROS MEAN = -.01070
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01760
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.20
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1526.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02425
ABSOLUTE STANDARD DEVIATION = .02599
NUMBER OF SAMPLES = 2408.

POSITIVE WITH ZEROS MEAN = .01989
POSITIVE WITH ZEROS STANDARD DEVIATION = .02304
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .19
NUMBER OF POSITIVE AND ZERO SAMPLES = 1321.

NEGATIVE WITH ZEROS MEAN = -.02171
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02754
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1480.

TEST NUMBER : 450009
RUN NUMBER : RS-1
DRIVER NUMBER : 16
COURSE LEG : 1
START DISTANCE = 6.0022 MILES
END DISTANCE = 19.9980 MILES
NUMBER OF SAMPLES = 2437

MEAN VELOCITY = 51.73223
VELOCITY STANDARD DEVIATION = 6.48947

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01738
ABSOLUTE STANDARD DEVIATION = .02057
NUMBER OF SAMPLES = 2437.

POSITIVE WITH ZEROS MEAN = .01375
POSITIVE WITH ZEROS STANDARD DEVIATION = .05581
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .12
NUMBER OF POSITIVE AND ZERO SAMPLES = 1676

NEGATIVE WITH ZEROS MEAN = -.01399
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08703
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1380.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02439
ABSOLUTE STANDARD DEVIATION = .02696
NUMBER OF SAMPLES = 2437.

POSITIVE WITH ZEROS MEAN = .01801
POSITIVE WITH ZEROS STANDARD DEVIATION = .09094
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 1119.

NEGATIVE WITH ZEROS MEAN = -.02244
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07383
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1751.

TEST NUMBER : 450009
RUN NUMBER : R7-1
DRIVER NUMBER : 16
COURSE LEG : 1
START DISTANCE = 6.0015 MILES
END DISTANCE = 17.8762 MILES
NUMBER OF SAMPLES = 2041

MEAN VELOCITY = 52.38991
VELOCITY STANDARD DEVIATION = 5.80773

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01625
ABSOLUTE STANDARD DEVIATION = .01691
NUMBER OF SAMPLES = 2041.

POSITIVE WITH ZEROS MEAN = .01421
POSITIVE WITH ZEROS STANDARD DEVIATION = .07674
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .07
NUMBER OF POSITIVE AND ZERO SAMPLES = 1513

NEGATIVE WITH ZEROS MEAN = -.01185
NEGATIVE WITH ZEROS STANDARD DEVIATION = .12854
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 985.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02109
ABSOLUTE STANDARD DEVIATION = .02271
NUMBER OF SAMPLES = 2041.

POSITIVE WITH ZEROS MEAN = .01482
POSITIVE WITH ZEROS STANDARD DEVIATION = .11398
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 948.

NEGATIVE WITH ZEROS MEAN = -.02063
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09683
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1406.

TEST NUMBER : 450009
RUN NUMBER : B11-1
DRIVER NUMBER : 16
COURSE LEG : 2
START DISTANCE = 120.0060 MILES
END DISTANCE = 134.0000 MILES
NUMBER OF SAMPLES = 2393

MEAN VELOCITY = 48.70277
VELOCITY STANDARD DEVIATION = 7.73150

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03186
ABSOLUTE STANDARD DEVIATION = .03519
NUMBER OF SAMPLES = 2393.

POSITIVE WITH ZEROS MEAN = .02767
POSITIVE WITH ZEROS STANDARD DEVIATION = .03348
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .25
NUMBER OF POSITIVE AND ZERO SAMPLES = 1593

NEGATIVE WITH ZEROS MEAN = -.02811
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04801
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1144.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04302
ABSOLUTE STANDARD DEVIATION = .04101
NUMBER OF SAMPLES = 2393.

POSITIVE WITH ZEROS MEAN = .04072
POSITIVE WITH ZEROS STANDARD DEVIATION = .04863
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .26
NUMBER OF POSITIVE AND ZERO SAMPLES = 1553.

NEGATIVE WITH ZEROS MEAN = -.03943
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05637
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1007.

TEST NUMBER : 450009
RUN NUMBER : R1-1
DRIVER NUMBER : 16
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 133.9980 MILES
NUMBER OF SAMPLES = 2515

MEAN VELOCITY = 50.09227
VELOCITY STANDARD DEVIATION = 6.38265

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03264
ABSOLUTE STANDARD DEVIATION = .03549
NUMBER OF SAMPLES = 2515.

POSITIVE WITH ZEROS MEAN = .02581
POSITIVE WITH ZEROS STANDARD DEVIATION = .05267
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 1589

NEGATIVE WITH ZEROS MEAN = -.03115
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07418
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.27
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1319.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04271
ABSOLUTE STANDARD DEVIATION = .04295
NUMBER OF SAMPLES = 2515.

POSITIVE WITH ZEROS MEAN = .03924
POSITIVE WITH ZEROS STANDARD DEVIATION = .06747
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .29
NUMBER OF POSITIVE AND ZERO SAMPLES = 1388.

NEGATIVE WITH ZEROS MEAN = -.03951
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06158
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1340.

TEST NUMBER : 450009
RUN NUMBER : R3-1
DRIVER NUMBER : 16
COURSE LEG : 2
START DISTANCE = 119.9980 MILES
END DISTANCE = 133.9996 MILES
NUMBER OF SAMPLES = 2550

MEAN VELOCITY = 49.44463
VELOCITY STANDARD DEVIATION = 7.05067

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03275
ABSOLUTE STANDARD DEVIATION = .03972
NUMBER OF SAMPLES = 2550.

POSITIVE WITH ZEROS MEAN = .02419
POSITIVE WITH ZEROS STANDARD DEVIATION = .03310
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1388

NEGATIVE WITH ZEROS MEAN = -.03138
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04958
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.35
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1591.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04312
ABSOLUTE STANDARD DEVIATION = .04023
NUMBER OF SAMPLES = 2550.

POSITIVE WITH ZEROS MEAN = .04043
POSITIVE WITH ZEROS STANDARD DEVIATION = .04952
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .29
NUMBER OF POSITIVE AND ZERO SAMPLES = 1419.

NEGATIVE WITH ZEROS MEAN = -.04089
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05554
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.26
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1286.

TEST NUMBER : 450009
RUN NUMBER : R5-1
DRIVER NUMBER : 16
COURSE LEG : 2
START DISTANCE = 119.9978 MILES
END DISTANCE = 134.0000 MILES
NUMBER OF SAMPLES = 2528

MEAN VELOCITY = 49.87481
VELOCITY STANDARD DEVIATION = 6.83874

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03254
ABSOLUTE STANDARD DEVIATION = .03506
NUMBER OF SAMPLES = 2528.

POSITIVE WITH ZEROS MEAN = .02502
POSITIVE WITH ZEROS STANDARD DEVIATION = .02539
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .13
NUMBER OF POSITIVE AND ZERO SAMPLES = 1422

NEGATIVE WITH ZEROS MEAN = -.03163
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04118
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.34
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1476.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04269
ABSOLUTE STANDARD DEVIATION = .04048
NUMBER OF SAMPLES = 2528.

POSITIVE WITH ZEROS MEAN = .03984
POSITIVE WITH ZEROS STANDARD DEVIATION = .04075
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .25
NUMBER OF POSITIVE AND ZERO SAMPLES = 1257.

NEGATIVE WITH ZEROS MEAN = -.02911
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04033
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.26
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1479.

TEST NUMBER : 490009
RUN NUMBER : R7-1
DRIVER NUMBER : 16
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 131.7857 MILES
NUMBER OF SAMPLES = 2196

MEAN VELOCITY = 48.30204
VELOCITY STANDARD DEVIATION = 7.28064

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03378
ABSOLUTE STANDARD DEVIATION = .03328
NUMBER OF SAMPLES = 2196.

POSITIVE WITH ZEROS MEAN = .02834
POSITIVE WITH ZEROS STANDARD DEVIATION = .08909
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 1286

NEGATIVE WITH ZEROS MEAN = -.03149
NEGATIVE WITH ZEROS STANDARD DEVIATION = .12305
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.24
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1198.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04455
ABSOLUTE STANDARD DEVIATION = .04281
NUMBER OF SAMPLES = 2196.

POSITIVE WITH ZEROS MEAN = .04070
POSITIVE WITH ZEROS STANDARD DEVIATION = .11552
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .28
NUMBER OF POSITIVE AND ZERO SAMPLES = 1098.

NEGATIVE WITH ZEROS MEAN = -.04178
NEGATIVE WITH ZEROS STANDARD DEVIATION = .11214
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.23
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1272.

TEST NUMBER : 450009
RUN NUMBER : B11-1
DRIVER NUMBER : 16
COURSE LEG : 3
START DISTANCE = 271.7200 MILES
END DISTANCE = 285.0000 MILES
NUMBER OF SAMPLES = 2319

MEAN VELOCITY = 50.52631
VELOCITY STANDARD DEVIATION = 9.36784

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02180
ABSOLUTE STANDARD DEVIATION = .04285
NUMBER OF SAMPLES = 2319.

POSITIVE WITH ZEROS MEAN = .01594
POSITIVE WITH ZEROS STANDARD DEVIATION = .03018
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .20
NUMBER OF POSITIVE AND ZERO SAMPLES = 1729

NEGATIVE WITH ZEROS MEAN = -.01768
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04756
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.35
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1300.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01891
ABSOLUTE STANDARD DEVIATION = .02459
NUMBER OF SAMPLES = 2319.

POSITIVE WITH ZEROS MEAN = .01820
POSITIVE WITH ZEROS STANDARD DEVIATION = .02580
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .31
NUMBER OF POSITIVE AND ZERO SAMPLES = 1706.

NEGATIVE WITH ZEROS MEAN = -.01198
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01878
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.16
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1069.

TEST NUMBER : 450009
RUN NUMBER : R1-1
DRIVER NUMBER : 16
COURSE LEG : 3
START DISTANCE = 270.9979 MILES
END DISTANCE = 284.9974 MILES
NUMBER OF SAMPLES = 2473

MEAN VELOCITY = 50.99284
VELOCITY STANDARD DEVIATION = 9.40774

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02193
ABSOLUTE STANDARD DEVIATION = .04688
NUMBER OF SAMPLES = 2473.

POSITIVE WITH ZEROS MEAN = .01430
POSITIVE WITH ZEROS STANDARD DEVIATION = .06247
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .24
NUMBER OF POSITIVE AND ZERO SAMPLES = 1987

NEGATIVE WITH ZEROS MEAN = -.01604
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08653
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.40
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1610.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01841
ABSOLUTE STANDARD DEVIATION = .02934
NUMBER OF SAMPLES = 2473.

POSITIVE WITH ZEROS MEAN = .01695
POSITIVE WITH ZEROS STANDARD DEVIATION = .07761
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .34
NUMBER OF POSITIVE AND ZERO SAMPLES = 1707.

NEGATIVE WITH ZEROS MEAN = -.01171
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07339
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1417.

TEST NUMBER : 450009
RUN NUMBER : R3-1
DRIVER NUMBER : 16
COURSE LEG : 3
START DISTANCE = 270.9982 MILES
END DISTANCE = 285.0000 MILES
NUMBER OF SAMPLES = 2472

MEAN VELOCITY = 51.05957
VELOCITY STANDARD DEVIATION = 9.56645

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02012
ABSOLUTE STANDARD DEVIATION = .04013
NUMBER OF SAMPLES = 2472.

POSITIVE WITH ZEROS MEAN = .01222
POSITIVE WITH ZEROS STANDARD DEVIATION = .04701
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .21
NUMBER OF POSITIVE AND ZERO SAMPLES = 1758

NEGATIVE WITH ZEROS MEAN = -.01522
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06652
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.30
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1857.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02036
ABSOLUTE STANDARD DEVIATION = .02541
NUMBER OF SAMPLES = 2472.

POSITIVE WITH ZEROS MEAN = .01692
POSITIVE WITH ZEROS STANDARD DEVIATION = .06806
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .29
NUMBER OF POSITIVE AND ZERO SAMPLES = 1517.

NEGATIVE WITH ZEROS MEAN = -.01610
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06606
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1531.

TEST NUMBER : 450009
RUN NUMBER : R5-1
DRIVER NUMBER : 16
COURSE LEG : 3
START DISTANCE = 271.0089 MILES
END DISTANCE = 284.9954 MILES
NUMBER OF SAMPLES = 2457

MEAN VELOCITY = 51.27310
VELOCITY STANDARD DEVIATION = 10.04607

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02638
ABSOLUTE STANDARD DEVIATION = .04524
NUMBER OF SAMPLES = 2457.

POSITIVE WITH ZEROS MEAN = .01965
POSITIVE WITH ZEROS STANDARD DEVIATION = .06930
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 1529

NEGATIVE WITH ZEROS MEAN = -.02167
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09443
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.35
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1605.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01983
ABSOLUTE STANDARD DEVIATION = .02665
NUMBER OF SAMPLES = 2457.

POSITIVE WITH ZEROS MEAN = .01514
POSITIVE WITH ZEROS STANDARD DEVIATION = .09432
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .28
NUMBER OF POSITIVE AND ZERO SAMPLES = 1234.

NEGATIVE WITH ZEROS MEAN = -.01698
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07878
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.16
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1770.

TEST NUMBER : 450009
RUN NUMBER : R7-1
DRIVER NUMBER : 16
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 284.9969 MILES
NUMBER OF SAMPLES = 2529

MEAN VELOCITY = 49.81097
VELOCITY STANDARD DEVIATION = 10.31547

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02361
ABSOLUTE STANDARD DEVIATION = .04259
NUMBER OF SAMPLES = 2529.

POSITIVE WITH ZEROS MEAN = .01709
POSITIVE WITH ZEROS STANDARD DEVIATION = .08486
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 1834

NEGATIVE WITH ZEROS MEAN = -.01736
NEGATIVE WITH ZEROS STANDARD DEVIATION = .11686
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.32
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1635.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01596
ABSOLUTE STANDARD DEVIATION = .02408
NUMBER OF SAMPLES = 2529.

POSITIVE WITH ZEROS MEAN = .01148
POSITIVE WITH ZEROS STANDARD DEVIATION = .10828
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .33
NUMBER OF POSITIVE AND ZERO SAMPLES = 1502.

NEGATIVE WITH ZEROS MEAN = -.01249
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10050
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.16
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1851.

TEST NUMBER : 450009
RUN NUMBER : B11-1
DRIVER NUMBER : 16
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 339.9960 MILES
NUMBER OF SAMPLES = 2361

MEAN VELOCITY = 53.48891
VELOCITY STANDARD DEVIATION = 1.28688

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01804
ABSOLUTE STANDARD DEVIATION = .02153
NUMBER OF SAMPLES = 2361.

POSITIVE WITH ZEROS MEAN = .01383
POSITIVE WITH ZEROS STANDARD DEVIATION = .03927
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .11
NUMBER OF POSITIVE AND ZERO SAMPLES = 1647

NEGATIVE WITH ZEROS MEAN = -.01542
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05624
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1285.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02316
ABSOLUTE STANDARD DEVIATION = .01902
NUMBER OF SAMPLES = 2361.

POSITIVE WITH ZEROS MEAN = .02190
POSITIVE WITH ZEROS STANDARD DEVIATION = .03609
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .13
NUMBER OF POSITIVE AND ZERO SAMPLES = 1691.

NEGATIVE WITH ZEROS MEAN = -.01908
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03294
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.11
NUMBER OF NEGATIVE AND ZERO SAMPLES = 924.

TEST NUMBER : 450009
RUN NUMBER : R1-1
DRIVER NUMBER : 16
COURSE LEG : 4
START DISTANCE = 326.0100 MILES
END DISTANCE = 340.0000 MILES
NUMBER OF SAMPLES = 1754

MEAN VELOCITY = 53.95175
VELOCITY STANDARD DEVIATION = 1.20829

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01604
ABSOLUTE STANDARD DEVIATION = .02110
NUMBER OF SAMPLES = 1754.

POSITIVE WITH ZEROS MEAN = .01057
POSITIVE WITH ZEROS STANDARD DEVIATION = .08124
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1292

NEGATIVE WITH ZEROS MEAN = -.01346
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10992
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1076.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02290
ABSOLUTE STANDARD DEVIATION = .02084
NUMBER OF SAMPLES = 1754.

POSITIVE WITH ZEROS MEAN = .02073
POSITIVE WITH ZEROS STANDARD DEVIATION = .09805
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 1171.

NEGATIVE WITH ZEROS MEAN = -.01816
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09703
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 875.

TEST NUMBER : 450009
RUN NUMBER : R5-1
DRIVER NUMBER : 16
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 336.5082 MILES
NUMBER OF SAMPLES = 1741

MEAN VELOCITY = 54.32177
VELOCITY STANDARD DEVIATION = 1.53519

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01962
ABSOLUTE STANDARD DEVIATION = .02186
NUMBER OF SAMPLES = 1741.

POSITIVE WITH ZEROS MEAN = .01508
POSITIVE WITH ZEROS STANDARD DEVIATION = .08510
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1153

NEGATIVE WITH ZEROS MEAN = -.01698
NEGATIVE WITH ZEROS STANDARD DEVIATION = .12577
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.18
NUMBER OF NEGATIVE AND ZERO SAMPLES = 987.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02149
ABSOLUTE STANDARD DEVIATION = .02114
NUMBER OF SAMPLES = 1741.

POSITIVE WITH ZEROS MEAN = .01475
POSITIVE WITH ZEROS STANDARD DEVIATION = .11112
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .13
NUMBER OF POSITIVE AND ZERO SAMPLES = 945.

NEGATIVE WITH ZEROS MEAN = -.01819
NEGATIVE WITH ZEROS STANDARD DEVIATION = .09662
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1290.

TEST NUMBER : 450009
RUN NUMBER : R7-1
DRIVER NUMBER : 16
COURSE LEG : 4
START DISTANCE = 326.0054 MILES
END DISTANCE = 336.2964 MILES
NUMBER OF SAMPLES = 1738

MEAN VELOCITY = 53.31414
VELOCITY STANDARD DEVIATION = 4.49378

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01985
ABSOLUTE STANDARD DEVIATION = .02595
NUMBER OF SAMPLES = 1738.

POSITIVE WITH ZEROS MEAN = .01563
POSITIVE WITH ZEROS STANDARD DEVIATION = .10860
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .12
NUMBER OF POSITIVE AND ZERO SAMPLES = 1213

NEGATIVE WITH ZEROS MEAN = -.01592
NEGATIVE WITH ZEROS STANDARD DEVIATION = .15544
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.26
NUMBER OF NEGATIVE AND ZERO SAMPLES = 976.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02317
ABSOLUTE STANDARD DEVIATION = .02960
NUMBER OF SAMPLES = 1738.

POSITIVE WITH ZEROS MEAN = .01742
POSITIVE WITH ZEROS STANDARD DEVIATION = .13488
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .18
NUMBER OF POSITIVE AND ZERO SAMPLES = 1003.

NEGATIVE WITH ZEROS MEAN = -.02129
NEGATIVE WITH ZEROS STANDARD DEVIATION = .13743
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.37
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1071.

TEST NUMBER : 450009
RUN NUMBER : 82-2
DRIVER NUMBER : 30
COURSE LEG : 1
START DISTANCE = 6.0025 MILES
END DISTANCE = 19.9952 MILES
NUMBER OF SAMPLES = 2414

MEAN VELOCITY = 52.19233
VELOCITY STANDARD DEVIATION = 6.28397

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01271
ABSOLUTE STANDARD DEVIATION = .01322
NUMBER OF SAMPLES = 2414.

POSITIVE WITH ZEROS MEAN = .01062
POSITIVE WITH ZEROS STANDARD DEVIATION = .01158
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .07
NUMBER OF POSITIVE AND ZERO SAMPLES = 1921

NEGATIVE WITH ZEROS MEAN = -.00845
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01437
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.10
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1215.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01852
ABSOLUTE STANDARD DEVIATION = .02265
NUMBER OF SAMPLES = 2414.

POSITIVE WITH ZEROS MEAN = .01533
POSITIVE WITH ZEROS STANDARD DEVIATION = .01803
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 1633.

NEGATIVE WITH ZEROS MEAN = -.01451
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02528
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1356.

TEST NUMBER : 480009
RUN NUMBER : R2-2
DRIVER NUMBER : 30
COURSE LEG : 1
START DISTANCE = 6.0026 MILES
END DISTANCE = 19.9948 MILES
NUMBER OF SAMPLES = 2392

MEAN VELOCITY = 52.67253
VELOCITY STANDARD DEVIATION = 5.52162

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01222
ABSOLUTE STANDARD DEVIATION = .01297
NUMBER OF SAMPLES = 2392.

POSITIVE WITH ZEROS MEAN = .00951
POSITIVE WITH ZEROS STANDARD DEVIATION = .01196
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .08
NUMBER OF POSITIVE AND ZERO SAMPLES = 1859

NEGATIVE WITH ZEROS MEAN = -.00876
NEGATIVE WITH ZEROS STANDARD DEVIATION = .01304
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.05
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1320.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02114
ABSOLUTE STANDARD DEVIATION = .02590
NUMBER OF SAMPLES = 2392.

POSITIVE WITH ZEROS MEAN = .01646
POSITIVE WITH ZEROS STANDARD DEVIATION = .02084
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .13
NUMBER OF POSITIVE AND ZERO SAMPLES = 1480.

NEGATIVE WITH ZEROS MEAN = -.01844
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02841
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.23
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1421.

TEST NUMBER : 450009
RUN NUMBER : R6-2
DRIVER NUMBER : 30
COURSE LEG : 1
START DISTANCE = 6.0003 MILES
END DISTANCE = 17.8778 MILES
NUMBER OF SAMPLES = 2005

MEAN VELOCITY = 53.36964
VELOCITY STANDARD DEVIATION = 4.63286

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01303
ABSOLUTE STANDARD DEVIATION = .01387
NUMBER OF SAMPLES = 2005.

POSITIVE WITH ZEROS MEAN = .01089
POSITIVE WITH ZEROS STANDARD DEVIATION = .08229
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .09
NUMBER OF POSITIVE AND ZERO SAMPLES = 1588

NEGATIVE WITH ZEROS MEAN = -.00833
NEGATIVE WITH ZEROS STANDARD DEVIATION = .11927
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1061.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01839
ABSOLUTE STANDARD DEVIATION = .02541
NUMBER OF SAMPLES = 2005.

POSITIVE WITH ZEROS MEAN = .01156
POSITIVE WITH ZEROS STANDARD DEVIATION = .10236
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 1122.

NEGATIVE WITH ZEROS MEAN = -.01660
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10775
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1440.

TEST NUMBER : 450009
RUN NUMBER : R8-2
DRIVER NUMBER : 30
COURSE LEG : 1
START DISTANCE = 6.0027 MILES
END DISTANCE = 17.8548 MILES
NUMBER OF SAMPLES = 2008

MEAN VELOCITY = 53.20667
VELOCITY STANDARD DEVIATION = 5.61527

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01449
ABSOLUTE STANDARD DEVIATION = .01442
NUMBER OF SAMPLES = 2008.

POSITIVE WITH ZEROS MEAN = .01242
POSITIVE WITH ZEROS STANDARD DEVIATION = .10994
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1376

NEGATIVE WITH ZEROS MEAN = -.01075
NEGATIVE WITH ZEROS STANDARD DEVIATION = .14023
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1116.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01892
ABSOLUTE STANDARD DEVIATION = .02250
NUMBER OF SAMPLES = 2008.

POSITIVE WITH ZEROS MEAN = .01297
POSITIVE WITH ZEROS STANDARD DEVIATION = .12976
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .14
NUMBER OF POSITIVE AND ZERO SAMPLES = 995.

NEGATIVE WITH ZEROS MEAN = -.01732
NEGATIVE WITH ZEROS STANDARD DEVIATION = .12758
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1449.

TEST NUMBER : 450009
RUN NUMBER : B2-2
DRIVER NUMBER : 30
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 133.9957 MILES
NUMBER OF SAMPLES = 2462

MEAN VELOCITY = 51.20249
VELOCITY STANDARD DEVIATION = 6.61081

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03022
ABSOLUTE STANDARD DEVIATION = .02968
NUMBER OF SAMPLES = 2462.

POSITIVE WITH ZEROS MEAN = .02681
POSITIVE WITH ZEROS STANDARD DEVIATION = .03523
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1313

NEGATIVE WITH ZEROS MEAN = -.02604
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03297
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1505.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03873
ABSOLUTE STANDARD DEVIATION = .04063
NUMBER OF SAMPLES = 2462.

POSITIVE WITH ZEROS MEAN = .03687
POSITIVE WITH ZEROS STANDARD DEVIATION = .04565
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .24
NUMBER OF POSITIVE AND ZERO SAMPLES = 1343.

NEGATIVE WITH ZEROS MEAN = -.03445
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05217
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.21
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1331.

TEST NUMBER : 490009
RUN NUMBER : R2-2
DRIVER NUMBER : 30
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 133.9960 MILES
NUMBER OF SAMPLES = 2442 .

MEAN VELOCITY = 51.61148
VELOCITY STANDARD DEVIATION = 6.38543

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03079
ABSOLUTE STANDARD DEVIATION = .03269
NUMBER OF SAMPLES = 2442 .

POSITIVE WITH ZEROS MEAN = .02645
POSITIVE WITH ZEROS STANDARD DEVIATION = .03346
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 1283

NEGATIVE WITH ZEROS MEAN = -.02772
NEGATIVE WITH ZEROS STANDARD DEVIATION = .03852
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.32
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1488 .

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04075
ABSOLUTE STANDARD DEVIATION = .04273
NUMBER OF SAMPLES = 2442 .

POSITIVE WITH ZEROS MEAN = .03878
POSITIVE WITH ZEROS STANDARD DEVIATION = .05051
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .25
NUMBER OF POSITIVE AND ZERO SAMPLES = 1251 .

NEGATIVE WITH ZEROS MEAN = -.03677
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05530
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.26
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1387 .

TEST NUMBER : 450009
RUN NUMBER : R4-2
DRIVER NUMBER : 30
COURSE LEG : 2
START DISTANCE = 120.0071 MILES
END DISTANCE = 132.1418 MILES
NUMBER OF SAMPLES = 2150

MEAN VELOCITY = 50.85018
VELOCITY STANDARD DEVIATION = 7.83226

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03458
ABSOLUTE STANDARD DEVIATION = .03604
NUMBER OF SAMPLES = 2150.

POSITIVE WITH ZEROS MEAN = .02868
POSITIVE WITH ZEROS STANDARD DEVIATION = .07616
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 1130

NEGATIVE WITH ZEROS MEAN = -.03185
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08412
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.35
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1317.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04053
ABSOLUTE STANDARD DEVIATION = .04135
NUMBER OF SAMPLES = 2150.

POSITIVE WITH ZEROS MEAN = .03533
POSITIVE WITH ZEROS STANDARD DEVIATION = .09557
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .24
NUMBER OF POSITIVE AND ZERO SAMPLES = 922.

NEGATIVE WITH ZEROS MEAN = -.03664
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08761
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.26
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1489.

TEST NUMBER : 450009
RUN NUMBER : R6-2
DRIVER NUMBER : 30
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 132.6927 MILES
NUMBER OF SAMPLES = 2294

MEAN VELOCITY = 49.79682
VELOCITY STANDARD DEVIATION = 7.57901

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03282
ABSOLUTE STANDARD DEVIATION = .03221
NUMBER OF SAMPLES = 2294.

POSITIVE WITH ZEROS MEAN = .02884
POSITIVE WITH ZEROS STANDARD DEVIATION = .09729
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .18
NUMBER OF POSITIVE AND ZERO SAMPLES = 1276

NEGATIVE WITH ZEROS MEAN = -.02838
NEGATIVE WITH ZEROS STANDARD DEVIATION = .11107
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.24
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1356.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03851
ABSOLUTE STANDARD DEVIATION = .03957
NUMBER OF SAMPLES = 2294.

POSITIVE WITH ZEROS MEAN = .03312
POSITIVE WITH ZEROS STANDARD DEVIATION = .11353
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .31
NUMBER OF POSITIVE AND ZERO SAMPLES = 1055.

NEGATIVE WITH ZEROS MEAN = -.03678
NEGATIVE WITH ZEROS STANDARD DEVIATION = .11529
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.20
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1452.

TEST NUMBER : 450009
RUN NUMBER : R8-2
DRIVER NUMBER : 30
COURSE LEG : 2
START DISTANCE = 120.0000 MILES
END DISTANCE = 132.0503 MILES
NUMBER OF SAMPLES = 2115

MEAN VELOCITY = 51.27768
VELOCITY STANDARD DEVIATION = 6.73830

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .03263
ABSOLUTE STANDARD DEVIATION = .03494
NUMBER OF SAMPLES = 2115.

POSITIVE WITH ZEROS MEAN = .02704
POSITIVE WITH ZEROS STANDARD DEVIATION = .12515
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1137

NEGATIVE WITH ZEROS MEAN = -.02939
NEGATIVE WITH ZEROS STANDARD DEVIATION = .13573
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.31
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1302.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .04208
ABSOLUTE STANDARD DEVIATION = .04273
NUMBER OF SAMPLES = 2115.

POSITIVE WITH ZEROS MEAN = .03682
POSITIVE WITH ZEROS STANDARD DEVIATION = .13838
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .29
NUMBER OF POSITIVE AND ZERO SAMPLES = 980.

NEGATIVE WITH ZEROS MEAN = -.03978
NEGATIVE WITH ZEROS STANDARD DEVIATION = .14076
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.26
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1330.

TEST NUMBER : 450009
RUN NUMBER : B2-2
DRIVER NUMBER : 30
COURSE LEG : 3
START DISTANCE = 271.0069 MILES
END DISTANCE = 284.9963 MILES
NUMBER OF SAMPLES = 2385

MEAN VELOCITY = 52.75646
VELOCITY STANDARD DEVIATION = 9.61881

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01993
ABSOLUTE STANDARD DEVIATION = .03922
NUMBER OF SAMPLES = 2385.

POSITIVE WITH ZEROS MEAN = .01371
POSITIVE WITH ZEROS STANDARD DEVIATION = .04785
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 1905

NEGATIVE WITH ZEROS MEAN = -.01459
NEGATIVE WITH ZEROS STANDARD DEVIATION = .05728
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.22
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1468.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01803
ABSOLUTE STANDARD DEVIATION = .02169
NUMBER OF SAMPLES = 2385.

POSITIVE WITH ZEROS MEAN = .01547
POSITIVE WITH ZEROS STANDARD DEVIATION = .06020
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .24
NUMBER OF POSITIVE AND ZERO SAMPLES = 1500.

NEGATIVE WITH ZEROS MEAN = -.01424
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06375
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.16
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1390.

TEST NUMBER : 480009
RUN NUMBER : R2-2
DRIVER NUMBER : 30
COURSE LEG : 3
START DISTANCE = 271.3100 MILES
END DISTANCE = 285.0000 MILES
NUMBER OF SAMPLES = 2383

MEAN VELOCITY = 51.86904
VELOCITY STANDARD DEVIATION = 9.91045

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02154
ABSOLUTE STANDARD DEVIATION = .04327
NUMBER OF SAMPLES = 2383.

POSITIVE WITH ZEROS MEAN = .01422
POSITIVE WITH ZEROS STANDARD DEVIATION = .04894
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 1842

NEGATIVE WITH ZEROS MEAN = -.01528
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06082
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1645.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01945
ABSOLUTE STANDARD DEVIATION = .02722
NUMBER OF SAMPLES = 2383.

POSITIVE WITH ZEROS MEAN = .01321
POSITIVE WITH ZEROS STANDARD DEVIATION = .07027
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .23
NUMBER OF POSITIVE AND ZERO SAMPLES = 1173.

NEGATIVE WITH ZEROS MEAN = -.01765
NEGATIVE WITH ZEROS STANDARD DEVIATION = .06472
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.30
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1747.

TEST NUMBER : 480009
RUN NUMBER : R4-2
DRIVER NUMBER : 30
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 284.9989 MILES
NUMBER OF SAMPLES = 2405

MEAN VELOCITY = 52.38673
VELOCITY STANDARD DEVIATION = 10.51661

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02333
ABSOLUTE STANDARD DEVIATION = .04467
NUMBER OF SAMPLES = 2405.

POSITIVE WITH ZEROS MEAN = .01548
POSITIVE WITH ZEROS STANDARD DEVIATION = .07760
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .24
NUMBER OF POSITIVE AND ZERO SAMPLES = 1607

NEGATIVE WITH ZEROS MEAN = -.01724
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08676
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.25
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1813.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01875
ABSOLUTE STANDARD DEVIATION = .02461
NUMBER OF SAMPLES = 2405.

POSITIVE WITH ZEROS MEAN = .01141
POSITIVE WITH ZEROS STANDARD DEVIATION = .10496
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .26
NUMBER OF POSITIVE AND ZERO SAMPLES = 965.

NEGATIVE WITH ZEROS MEAN = -.01648
NEGATIVE WITH ZEROS STANDARD DEVIATION = .08222
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 2069.

TEST NUMBER : 450009
RUN NUMBER : R6-2
DRIVER NUMBER : 30
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 284.9989 MILES
NUMBER OF SAMPLES = 2449

MEAN VELOCITY = 51.44552
VELOCITY STANDARD DEVIATION = 10.22952

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02234
ABSOLUTE STANDARD DEVIATION = .04387
NUMBER OF SAMPLES = 2449.

POSITIVE WITH ZEROS MEAN = .01577
POSITIVE WITH ZEROS STANDARD DEVIATION = .09509
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .26
NUMBER OF POSITIVE AND ZERO SAMPLES = 1707

NEGATIVE WITH ZEROS MEAN = -.01570
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10787
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.30
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1770.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01622
ABSOLUTE STANDARD DEVIATION = .02280
NUMBER OF SAMPLES = 2449.

POSITIVE WITH ZEROS MEAN = .01208
POSITIVE WITH ZEROS STANDARD DEVIATION = .11129
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .26
NUMBER OF POSITIVE AND ZERO SAMPLES = 1272.

NEGATIVE WITH ZEROS MEAN = -.01429
NEGATIVE WITH ZEROS STANDARD DEVIATION = .11267
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.16
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1705.

TEST NUMBER : 450009
RUN NUMBER : R8-2
DRIVER NUMBER : 30
COURSE LEG : 3
START DISTANCE = 271.0000 MILES
END DISTANCE = 284.9946 MILES
NUMBER OF SAMPLES = 2436

MEAN VELOCITY = 51.70399
VELOCITY STANDARD DEVIATION = 10.72548

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02427
ABSOLUTE STANDARD DEVIATION = .04242
NUMBER OF SAMPLES = 2436.

POSITIVE WITH ZEROS MEAN = .01880
POSITIVE WITH ZEROS STANDARD DEVIATION = .11846
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .22
NUMBER OF POSITIVE AND ZERO SAMPLES = 1477

NEGATIVE WITH ZEROS MEAN = -.01804
NEGATIVE WITH ZEROS STANDARD DEVIATION = .12636
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.26
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1738.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01682
ABSOLUTE STANDARD DEVIATION = .02260
NUMBER OF SAMPLES = 2436.

POSITIVE WITH ZEROS MEAN = .01226
POSITIVE WITH ZEROS STANDARD DEVIATION = .12690
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .21
NUMBER OF POSITIVE AND ZERO SAMPLES = 1303.

NEGATIVE WITH ZEROS MEAN = -.01395
NEGATIVE WITH ZEROS STANDARD DEVIATION = .12710
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.12
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1792.

TEST NUMBER : 450009
RUN NUMBER : B2-2
DRIVER NUMBER : 30
COURSE LEG : 4
START DISTANCE = 326.0000 MILES
END DISTANCE = 339.9962 MILES
NUMBER OF SAMPLES = 2274

MEAN VELOCITY = 55.55533
VELOCITY STANDARD DEVIATION = 1.02566

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01575
ABSOLUTE STANDARD DEVIATION = .01894
NUMBER OF SAMPLES = 2274.

POSITIVE WITH ZEROS MEAN = .01085
POSITIVE WITH ZEROS STANDARD DEVIATION = .03984
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .10
NUMBER OF POSITIVE AND ZERO SAMPLES = 1592

NEGATIVE WITH ZEROS MEAN = -.01364
NEGATIVE WITH ZEROS STANDARD DEVIATION = .04721
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.14
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1359.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02019
ABSOLUTE STANDARD DEVIATION = .01919
NUMBER OF SAMPLES = 2274.

POSITIVE WITH ZEROS MEAN = .01640
POSITIVE WITH ZEROS STANDARD DEVIATION = .03568
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 1268.

NEGATIVE WITH ZEROS MEAN = -.01769
NEGATIVE WITH ZEROS STANDARD DEVIATION = .02984
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1420.

TEST NUMBER : 450009
RUN NUMBER : R2-2
DRIVER NUMBER : 30
COURSE LEG : 4
START DISTANCE = 326.0059 MILES
END DISTANCE = 339.9982 MILES
NUMBER OF SAMPLES = 2301

MEAN VELOCITY = 54.92727
VELOCITY STANDARD DEVIATION = 1.55542

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01504
ABSOLUTE STANDARD DEVIATION = .02080
NUMBER OF SAMPLES = 2301.

POSITIVE WITH ZEROS MEAN = .01105
POSITIVE WITH ZEROS STANDARD DEVIATION = .05557
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .11
NUMBER OF POSITIVE AND ZERO SAMPLES = 1715

NEGATIVE WITH ZEROS MEAN = -.01124
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07137
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1392.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02037
ABSOLUTE STANDARD DEVIATION = .02056
NUMBER OF SAMPLES = 2301.

POSITIVE WITH ZEROS MEAN = .01528
POSITIVE WITH ZEROS STANDARD DEVIATION = .07535
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .15
NUMBER OF POSITIVE AND ZERO SAMPLES = 1144.

NEGATIVE WITH ZEROS MEAN = -.01778
NEGATIVE WITH ZEROS STANDARD DEVIATION = .07174
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.15
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1652.

TEST NUMBER : 450009
RUN NUMBER : R4-2
DRIVER NUMBER : 30
COURSE LEG : 4
START DISTANCE = 326.0100 MILES
END DISTANCE = 336.5535 MILES
NUMBER OF SAMPLES = 1683

MEAN VELOCITY = 56.38225
VELOCITY STANDARD DEVIATION = .97835

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01708
ABSOLUTE STANDARD DEVIATION = .01950
NUMBER OF SAMPLES = 1683.

POSITIVE WITH ZEROS MEAN = .01173
POSITIVE WITH ZEROS STANDARD DEVIATION = .10137
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .11
NUMBER OF POSITIVE AND ZERO SAMPLES = 1008

NEGATIVE WITH ZEROS MEAN = -.01492
NEGATIVE WITH ZEROS STANDARD DEVIATION = .11356
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1135.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02281
ABSOLUTE STANDARD DEVIATION = .02268
NUMBER OF SAMPLES = 1683.

POSITIVE WITH ZEROS MEAN = .01458
POSITIVE WITH ZEROS STANDARD DEVIATION = .12947
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 664.

NEGATIVE WITH ZEROS MEAN = -.02144
NEGATIVE WITH ZEROS STANDARD DEVIATION = .10643
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.19
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1339.

TEST NUMBER : 450009
RUN NUMBER : R6-2
DRIVER NUMBER : 30
COURSE LEG : 4
START DISTANCE = 326.0100 MILES
END DISTANCE = 336.5462 MILES
NUMBER OF SAMPLES = 1719

MEAN VELOCITY = 55.16325
VELOCITY STANDARD DEVIATION = 1.22293

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01605
ABSOLUTE STANDARD DEVIATION = .02069
NUMBER OF SAMPLES = 1719.

POSITIVE WITH ZEROS MEAN = .01147
POSITIVE WITH ZEROS STANDARD DEVIATION = .11449
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .11
NUMBER OF POSITIVE AND ZERO SAMPLES = 1235

NEGATIVE WITH ZEROS MEAN = -.01310
NEGATIVE WITH ZEROS STANDARD DEVIATION = .14501
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.17
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1025.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01936
ABSOLUTE STANDARD DEVIATION = .01901
NUMBER OF SAMPLES = 1719.

POSITIVE WITH ZEROS MEAN = .01269
POSITIVE WITH ZEROS STANDARD DEVIATION = .13905
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .16
NUMBER OF POSITIVE AND ZERO SAMPLES = 840.

NEGATIVE WITH ZEROS MEAN = -.01873
NEGATIVE WITH ZEROS STANDARD DEVIATION = .13620
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1208.

TEST NUMBER : 490009
RUN NUMBER : R8-2
DRIVER NUMBER : 30
COURSE LEG : 4
START DISTANCE = 326.0060 MILES
END DISTANCE = 336.5645 MILES
NUMBER OF SAMPLES = 1731

MEAN VELOCITY = 54.91746
VELOCITY STANDARD DEVIATION = 1.52973

LONGITUDINAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .01647
ABSOLUTE STANDARD DEVIATION = .02147
NUMBER OF SAMPLES = 1731.

POSITIVE WITH ZEROS MEAN = .01294
POSITIVE WITH ZEROS STANDARD DEVIATION = .13510
MAXIMUM POSITIVE SAMPLE WITH ZEROS = .11
NUMBER OF POSITIVE AND ZERO SAMPLES = 1189

NEGATIVE WITH ZEROS MEAN = -.01244
NEGATIVE WITH ZEROS STANDARD DEVIATION = .16517
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.16
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1055.

LATERAL ACCELERATION STATISTICS

ABSOLUTE MEAN = .02170
ABSOLUTE STANDARD DEVIATION = .01945
NUMBER OF SAMPLES = 1731.

POSITIVE WITH ZEROS MEAN = .01594
POSITIVE WITH ZEROS STANDARD DEVIATION = .17115
MAXIMUM POSITIVE WITH ZEROS SAMPLE = .17
NUMBER OF POSITIVE AND ZERO SAMPLES = 734.

NEGATIVE WITH ZEROS MEAN = -.02041
NEGATIVE WITH ZEROS STANDARD DEVIATION = .15324
MINIMUM NEGATIVE WITH ZEROS SAMPLE = -.13
NUMBER OF NEGATIVE AND ZERO SAMPLES = 1267.

ACCELERATION DATA LOCATOR

- By Test
- By Driver

<u>Test No.</u>	<u>Driver</u>	<u>Page</u>	
		<u>From</u>	<u>Thru</u>
4S0006	01	J3	J19
	03	J20	J38
	04	J39	J56
	22	J57	J74
4S0007	08	J75	J86
	19	J87	J102
	23	J103	J119
	24	J120	J138
	29	J139	J142
4S0008	10	J143	J156
	12	J157	J174
	25	J175	J193
	26	J194	J197
	27	J198	J201
	28	J202	J207
4S0009	09	J208	J227
	15	J228	J246
	16	J247	J265
	30	J266	J284

1. The Campbell Scientific CR7 Datalogger collected acceleration, velocity, and displacement data and on command down loaded (recorded) the information on a cassette tape.
2. The cassette tape was unloaded to a computer system through a C20 (Campbell Scientific) Interface after synchronization of the displacement factors. This process prepared the data for the analyses presented in the preceding portion of Appendix J.

Refer to the text of the Report (page 22 of Volume I) for additional information and illustration.

PROGRAMMING THE CR7

The CR7 design represents a modular approach, combining precision measurement with processing and control capability into a single battery-operated system. The Control Module includes a 16-pad keyboard and 8-digit LCD display. The user enters programs via this keyboard which instruct the Control Module to initiate measurement or control functions, process data acquired from the I/O Module and store data in Final Storage. The Control Module contains a serial interface card which provides for communication with up to 4 I/O Modules and with the peripheral interface on the panel. In addition to the keyboard/display card, CPU card, and serial interface card contained in the Control Module, there is space for two additional cards for memory or interface expansion.

The I/O Module includes a controller card, analog interface card, and space for up to 7 Analog Input, Pulse Counting and/or Excitation Cards. Complex measurement sequencing, self calibration, excitation and control of output ports are functions performed in the I/O Module.

The CR7 is far more than a simple sampling logger that is just set up to periodically sample and record inputs. The CR7 must be programmed to do what you want it to do. Simply instructing it to make a measurement does not result in a permanent record of that measurement. An instruction that sets the Output Flag must be used for permanent storage of data. There are several types of instructions used to program the CR7. INPUT/OUTPUT INSTRUCTIONS tell the CR7 to make a measurement or set an output port. The measurement results are stored in INPUT STORAGE locations which are analogous to registers in a calculator. PROCESSING INSTRUCTIONS are used to perform arithmetic operations on values in Input Storage locations, the results are also stored in Input Storage. OUTPUT PROCESSING INSTRUCTIONS result in values being sent to Final Storage when the OUTPUT FLAG is set. Output Processing Instructions may involve some intermediate processing (e.g., average); these intermediate values are stored in INTERMEDIATE STORAGE. PROGRAM CONTROL INSTRUCTIONS are used to modify flags and program execution sequence.

A Program Table is the area of memory containing a sequence of user instructions. Up to 3 Program Tables are available in the CR7 and are accessible using the *1, *2, and *3 Modes. Each table is given an EXECUTION INTERVAL which determines how often the table is executed.

The Operator's Manual for the CR7 is necessary to the complete understanding of the programming function and for the instrument's operation. The attached listing of Programming Instructions - CR7 is that program used to direct the CR7 to obtain the acceleration data used in this project. The specifics of the program will become clear upon studying the CR7 Operator's Manual.

PROGRAMMING INSTRUCTIONS - CR7

Exec. Interval 0.4 sec.

<u>Inst.</u>	<u>Parameter</u>	<u>Entry</u>	<u>Comments</u>
1	P	91	Set flag 2 if flag 9 (disable Table 1) is set
	1	19	
	2	12	
2	P	3	Pulse counter to get velocity in mph (15,000 pulses/mile)
	1	1	
	2	1	
	3	1	
	4	0	
	5	1	
	6	0.6	
7	0		
3	P	2	Measure accelerations in gs ±5v slow integration Need to round off to nearest hundredth
	1	1	
	2	8	
	3	1	
	4	1	
	5	2	
	6	0.04	
7	0		
4	P	85	label 2, beginning of round off
	1	2	
5	P	44	
	1	2C	
	2	9C	
6	P	33	
	1	2C	
	2	9C	
	3	2C	
7	P	45	
	1	2C	
	2	2C	
8	P	37	
	1	2C	
	2	0.01	
	3	2C	
9	P	87	End of loop for round off
	1	2	
	2	2	

PROGRAMMING INSTRUCTIONS - CR7

Exec. Interval 0.4 sec.

<u>Inst.</u>	<u>Parameter</u>	<u>Entry</u>	<u>Comments</u>
10	P	37	Convert mph to millimiles traveled in one exec. interval
	1	1	
	2	0.11111	
	3	5	
11	P	37	Convert millimiles to miles
	1	5	
	2	0.001	
	3	5	
12	P	33	Add to cumulative distance.
	1	5	
	2	4	
	3	4	
13	P	91	If flag 2 is set go to label 1 (Table 1 disabled)
	1	12	
	2	1	
14	P	86	Otherwise set output flag.
	1	10	
15	P	34	Keep track of # of data points in location 20. 4 data point locations will be used.
	1	20	
	2	4	
	3	20	
16	P	70	Write velocity, lat. accel. & long. accel. to Final Storage
	1	3	
	2	1	
17	P	32	Increment counter (want to output distance once every 4 intervals)
	1	8	
18	P	89	If counter 4 branch to label 4
	1	8	
	2	4	
	3	4	
	4	4	
19	P	78	else (i.e. counter = 4) output distance (high resolution)
	1	1	
20	P	34	Update # of data points in location 20, 2 data point locations will be used.
	1	20	
	2	2	
	3	20	

PROGRAMMING INSTRUCTIONS - CR7

Exec. Interval 0.4 sec.

<u>Inst.</u>	<u>Parameter</u>	<u>Entry</u>	<u>Comments</u>
21	P	70	Output cumulative distance to Final Storage
	1	1	
	2	4	
22	P	30	Reset counter
	1	0	
	2	8	
23	P	86	Reset output flag
	1	20	
24	P	85	Label 4
	1	4	
25	P	88	If present distance is = *0 distance +20 (loc. 11) branch to 6
	1	4	
	2	3	
	3	11	
	4	6	
26	P	89	Or if number of data point locations stored is = 19,3000, branch to 6
	1	20	
	2	3	
	3	19300	
	4	6	
27	P	86	else go to 5
	1	5	
28	P	85	Label 6
	1	6	
29	P	78	High resolution output
	1	1	
30	P	86	Set disable Table 1 flag
	1	19	
31	P	86	Set output flag
	1	10	
32	P	70	Output high resolution distance to mark end of leg
	1	1	
	2	4	
33	P	86	Go to 5
	1	5	

PROGRAMMING INSTRUCTIONS - PC7

Exec. Interval 0.4 sec.

<u>Inst.</u>	<u>Parameter</u>	<u>Entry</u>	<u>Comments</u>
34	P 1	85 1	Label 1
35	P 1 2 3	34 4 20 11	Add 20 to present mileage and put in loc. 11
36	P 1 2	30 0 20	Clear # of data points counter
37	P 1 2	30 3 8	Set 4-counter to 3
38	P 1	85 5	Label 5
39	P 1	86 22	Reset flag 2

SPECIFICATIONS

for CR7 DATALOGGER

The following electrical specifications are valid for an ambient temperature range of -25 deg. C to +50 deg. C unless otherwise specified using the Model 723-T Analog Input card, the Model 725 Excitation card, and the Model 725 Pulse Counter card.

ANALOG INPUTS

VOLTAGE MEASUREMENT TYPES: Single ended or differential.

ACCURACY OF VOLTAGE MEASUREMENTS AND ANALOG OUTPUT VOLTAGES: 0.02% of FSR, 0.01% of FSR (0 to 40 deg. C).

RANGE AND RESOLUTION: Ranges are software selectable on any input channel in either single ended or differential mode.

Full Scale Range	Resolution
±5 volts	166 microvolts
±15 volts	50 microvolts
±0.5 volts	16.6 microvolts
±150 millivolts	5 microvolts
±50 millivolts	166 nanovolts
±15 millivolts	500 nanovolts
±5 millivolts	166 nanovolts
±1.5 millivolts	50 nanovolts

INPUT SAMPLE RATES: The fast A/D conversion includes a 250 μ sec integration time and the slow conversion uses a 16 666 msec integration time (one power line cycle period). Differential measurements include a second sampling with reversed input polarity to reduce thermal offset and common mode errors. Input sample rate does NOT imply a comparable data throughput rate (see CR7 Brochure Addenda Sheet for discussion of DATA THROUGHPUT).

Fast single ended — 500 channels per second
Fast differential — 250 channels per second
Slow single ended — 40 channels per second
Slow differential — 20 channels per second

INPUT NOISE VOLTAGE:

Fast single ended — 350 nanovolts RMS
Fast differential — 250 nanovolts RMS
Slow single ended — 43 nanovolts RMS
Slow differential — 30 nanovolts RMS

COMMON MODE RANGE: ± 5 volts.

COMMON MODE REJECTION: >140 dB (DC to 100 Hz).

NORMAL MODE REJECTION: 70 dB (60 Hz with slow differential measurement).

INPUT CURRENT: 100 picoamps max.

INPUT CURRENT NOISE: 9 pA RMS (slow differential).

INPUT RESISTANCE: 2.5 g Ω chms typ.

ANALOG OUTPUTS

TYPES: Switched and continuous — The excitation card contains 8 outputs that are set to a voltage during a measurement and are switched off (high impedance) the rest of the time. Only one of these outputs can be on at any one time. The card also contains 2 continuous outputs that hold a preset voltage until updated by a Control Module command.

RANGE: ± 5 volts.

RESOLUTION: 166 microvolts

ACCURACY: Same as voltage input.

OUTPUT CURRENT: 25 mA at ± 5 volts. 50 mA at ± 2 volts.

RESISTANCE AND CONDUCTIVITY MEASUREMENTS

ACCURACY: 0.01% of full scale bridge output provided the matching bridge resistors are not the limiting factor. The excitation voltage should be programmed to match the bridge output to a full scale input voltage range.

MEASUREMENT TYPES: 6 wire full bridge, 4 wire, 3 wire and 2 wire half bridge. High accuracy, low impedance bridge measurements are ratiometric with dual polarity measurements of excitation and output to eliminate thermal emfs. AC resistance and conductivity measurements use a 500 microsecond excitation pulse with the signal integration occurring over the last 250 microseconds. An equal duration pulse of opposite polarity is applied for ionic depolarization. Sequences may vary to optimize response of different sensors such as LVDT's.

PULSE COUNTERS

PULSE COUNTERS PER CARD: 4.

MAXIMUM COUNTS PER INTERVAL: 32767 with over range detection.

INTERVALS: Programmable, generally 0.1 second, 1 second, 10 seconds, or 1 minute.

MODES: Programmable modes are switch closure, high frequency pulse and low level AC.

SWITCH CLOSURE MODE

MINIMUM SWITCH CLOSED TIME:

1 millisecond

MINIMUM SWITCH OPEN TIME:

4 milliseconds.

MAXIMUM BOUNCE TIME:

1.4 milliseconds open without being counted.

HIGH FREQUENCY PULSE MODE

MINIMUM PULSE WIDTH:

2 microseconds.

MAXIMUM INPUT FREQUENCY:

100 kilohertz.

VOLTAGE THRESHOLDS:

The count is incremented when the input voltage changes from below 1.5 volts to above 3.5 volts.

MAXIMUM INPUT VOLTAGE:

± 20 volts.

LOW LEVEL AC MODE

This mode is used for counting frequency of AC signals from magnetic pulse flow transducers or other low voltage, sine wave outputs.

MINIMUM AC INPUT VOLTAGE:

15 millivolts.

INPUT HYSTERESIS:

11 millivolts.

MAXIMUM AC INPUT VOLTAGE:

50 volts.

FREQUENCY RANGE:

AC INPUT VOLTAGE

15 to 25 millivolts

25 to 50 millivolts

50 millivolts to 50 volts

RANGE

2 Hz to 100 Hz

1 Hz to 1000 Hz

0.5 Hz to 3000 Hz

DIGITAL CONTROL OUTPUTS

Each Model 725 Excitation card includes 8 digital control outputs that can be set or reset on command from the Control Module.

OUTPUT VOLTAGES (no load):

High — 5 volts ± 0.1 volt

Low — < 0.1 volt.

OUTPUT RESISTANCE: 400 ohms.

TRANSIENT PROTECTION

All input and output connections to the I/O Module are protected using spark gaps that are rated to 10,000 amps. The spark gaps are connected directly to the heavy copper bar on each input card with no more than 2 inches of 20 awg copper wire.

CONTROL MODULE

PROCESSOR: RCA 1802A.

MEMORY: 24K RAM and ROM, expandable in increments of 16K or 24K of RAM to a total of 64K.

DISPLAY: 8 digit LCD (0.5" digits)

PERIPHERAL INTERFACE: 9 pin D type connector on the Control Module panel for connection to cassette recorder, modem, printer, or RS232 adapter. Serial interface can be programmed for all standard baud rates from 300 to 19,200.

I/O MODULE INTERFACE: Optically isolated current loops for connection to 4 I/O Modules. I/O Modules can be separated from the Control Module by up to 1000 feet.

CLOCK ACCURACY: ± 1 minute per month.

MAXIMUM CLOCK INTERRUPT RATE: System tasks can be initiated in sync with real-time at a maximum rate of 10 per second.

SYSTEM POWER REQUIREMENTS

VOLTAGE: 9.6 to 15 volts.

TYPICAL CURRENT DRAIN: 4 mA quiescent, 10 mA during processing, and 100 mA during analog measurement.

INTERNAL BATTERIES: Sealed lead acid with 2.5 amp hour capacity per charge.

CHARGING CIRCUIT: Requires DC or rectified AC voltage from 15 to 25 volts. Thermal compensation is included to optimize charging voltage according to ambient temperature.

EXTERNAL BATTERIES: Any 12 volt external battery can be connected as a primary power source with the internal batteries providing backup while changing external batteries.

OPERATION FROM AC SOURCES: An AC operated battery charger is included with the system to maintain full charge on the batteries where AC power is available. In the event of power failure, the internal batteries will keep the system operating for up to 10 days in most applications.

PHYSICAL SPECIFICATIONS

SIZE: Bench top or wall mount enclosure — 17"x12"x6", environmentally sealed fiberglass enclosure — 20"x13"x10".

WEIGHT: 30 lbs.

PARTS LIST

ITEM	No. REQUIRED
<u>Accelerometers</u>	
Humphrey Model LA45-0124-1	2
<u>Datalogger</u>	
Campbell Scientific, Inc.	
Model 700 Control Module	1
704 16K Memory	1
706 24K Memory	1
720 I/O Module	1
723 Analog Input Card	1
724 Pulse Counter	1
ENC-7L Enclosure	1
RQ356 Cassette Recorder	1
SC92 Cable	1
C20 Cassette Interface	1
<u>Low Pass Filter</u>	
SwRI Design (see sketch)	
LM 324N OP-AMP	2
150K Ω Resistor	4
15K Ω Resistor	4
6.8K Ω Resistor	2
10 μ F Capacitor	2
1.0 μ F Capacitor	2
0.22 μ F Capacitor	2
<u>Accelerometer Power Supply</u>	
SwRI Design (see sketch)	
LM 324N OP-AMP	1
3K Ω Resistor	2
900 Ω Resistor	2
200 Ω Potentiometer	2
Analog Devices Model 953 DC-DC Converter	1

HOOK-UP INSTRUCTIONS FOR DATALOGGER CIRCUIT

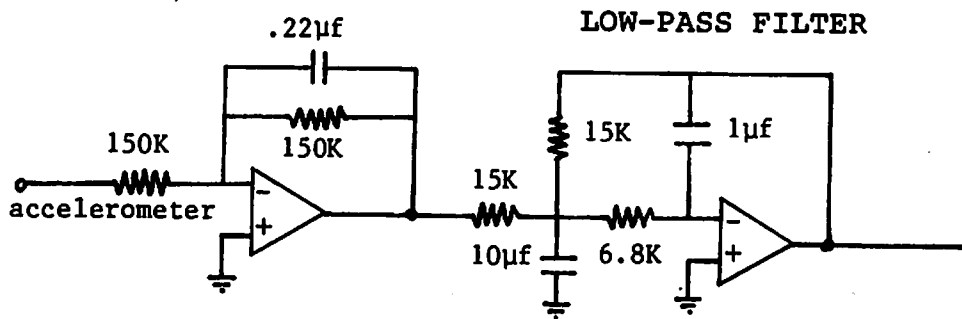
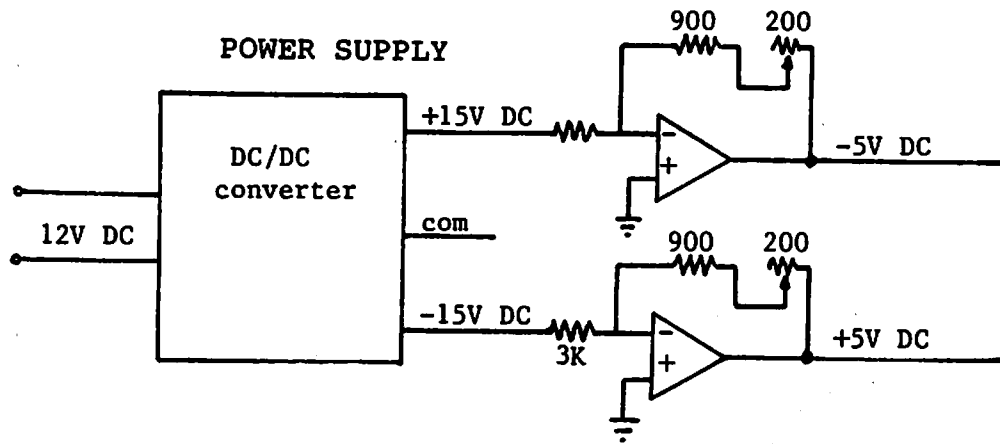
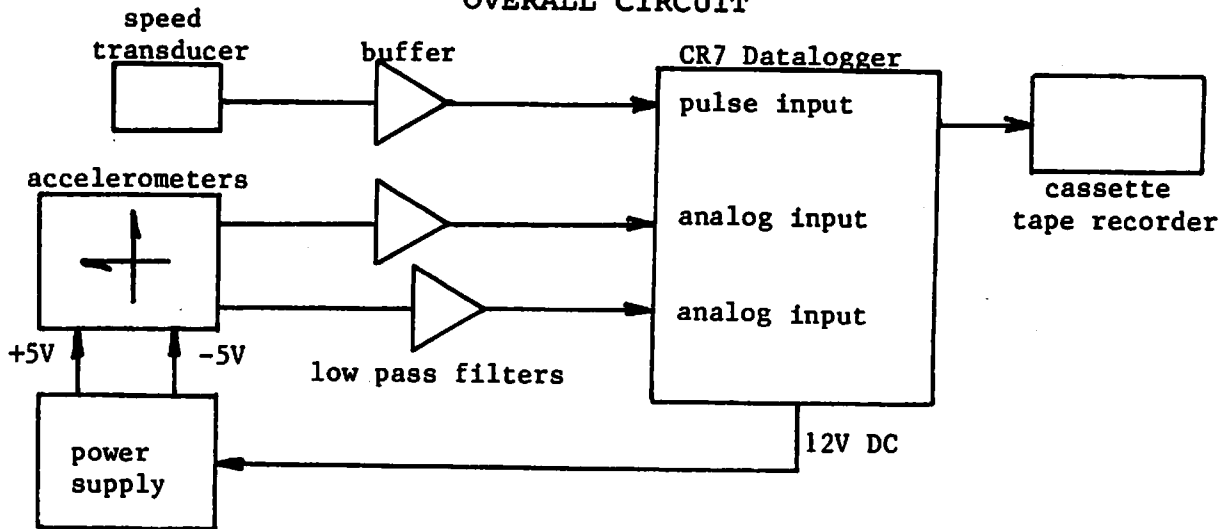
The speed input to the CR7 DATALOGGER comes from the speed transducer used to drive the tachograph. This signal is buffered using a unity gain operational amplifier circuit and connected to one of the pulse inputs of the CR7.

The two accelerometers are powered by $\pm 5\text{VDC}$ references. Each output signal is conditioned by an active low pass filter conforming to ASTM F811-83 recommendations. These filtered signals then connect to two of the differential analog input channels of the CR7 (see sketch).

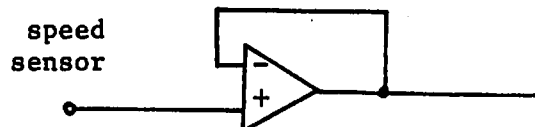
Data collected by the CR7 are stored periodically on a cassette using its communication port.

SKETCHES

OVERALL CIRCUIT



BUFFER



DATALOGGER INSTRUCTIONS FOR ROAD OPERATION

A. For Dispatcher:

Beginning of circuit -

- . Make sure tachometer is connected.
- . Forward cassette by hand until until it is past the leader.
- . Put cassette into tape recorder and press REC-PLAY (small orange button) until it is locked. (The tape recorder should not move.) Make sure the gray cable is connected to the tape recorder; the male plug goes into the CMT-IN input and the female goes to the DC-IN input.
- . Center the bubble of the accelerometer with the driver in the car. Driver can do this while sitting in the car.
- . Key *A1A on data logger (will see "02:19326" on the data logger).

End of circuit -

- . Driver should have already keyed *D (stop logging) and *8A (transfer data to tape); if this has not been done, press *D ("log") then *8A and the tape recorder should start moving.
- . Make sure tape stops before doing the following:
 - (1) Press STOP button on tape recorder.
 - (2) Remove DC-IN plug (female) from tape recorder; then fast-forward until end of tape is reached; then remove the tape (EJECT).
- . Replace DC-IN plug (female).

CAUTION: THE POWER ON THE DATA LOGGER SHOULD NEVER BE TURNED OFF.

B. For lead driver:

Beginning of circuit -

POINT A

- . Make sure tachometer is connected.
- . Forward cassette by hand until it is past the leader (so you can see the brown tape at the bottom of the cassette).
- . Put cassette into tape recorder and press REC-PLAY (small orange button) until it locks. The tape recorder should not be recording. If it does, get a dispatcher.

- . Key *A1A on data logger (display "02.19326").
- . Key *0 (display "LOG 1") to start logging.
- . Start driving.

POINTS B,C,D,E & F

- . Stop car and shut off engine.
- . Key *D to stop logging (will see "LOG").
- . Key *8A tape will begin to record (small red light will be lit on the tape recorder and tape will move).
- . Wait until tape stops before next steps:
 - (1) Start engine.
 - (2) Key *0
 - (3) Start driving.

POINT G

- . Stop car and shut off engine.
- . Key *D to stop logging.
- . Key *8A to record data onto tape.

TROUBLE: IF YOU THINK YOU PRESSED ANY WRONG KEYS, PRESS '*' AND TRY AGAIN.

UNSCHEDULED STOP: STOP CAR
 PRESS *D
 PRESS *0 WHEN READY TO DRIVE AGAIN

CR7 DATALOGGER COMMANDS

<u>Command</u>	<u>Display</u>	<u>Description</u>
*A1A	"02:19326"	Reset memory. Warning: use <u>only</u> if start of circuit.
*0	"LOG 1"	Start logging.
*D	"LOG"	Stop logging.
*8A	"08" While dumping "08:xxxx" When finished	Dump all data to tape since last tape dump.

1948-1949

1949-1950

1950-1951

1951-1952

1952-1953

1953-1954

1954-1955

1955-1956

1956-1957

1957-1958

1958-1959

1959-1960

1960-1961

1961-1962

1962-1963

1963-1964

1964-1965

1965-1966

1966-1967

1967-1968

1968-1969

1969-1970

1970-1971

1971-1972

1972-1973

1973-1974

1974-1975

1975-1976

1976-1977

1977-1978

1978-1979

APPENDIX K

ANOVA Tables for Acceleration Data

Table K.1
Lateral Acceleration ANOVA
Test 6 - Leg 1

ANALYSIS OF VARIANCE

DUE TO FACTOR	DF	SS	MS=SS/DF	F-RATIO
ERROR	12	.00005557	.00000463	1.33
TOTAL	15	.00007411		

LEVEL	N	MEAN	ST. DEV.
1	5	.01976	.00192
3	4	.01768	.00172
4	3	.02064	.00209
22	4	.01854	.00278

POOLED ST. DEV. = .00215

INDIVIDUAL 95 PERCENT C. I. FOR LEVEL MEANS
(BASED ON POOLED STANDARD DEVIATION)

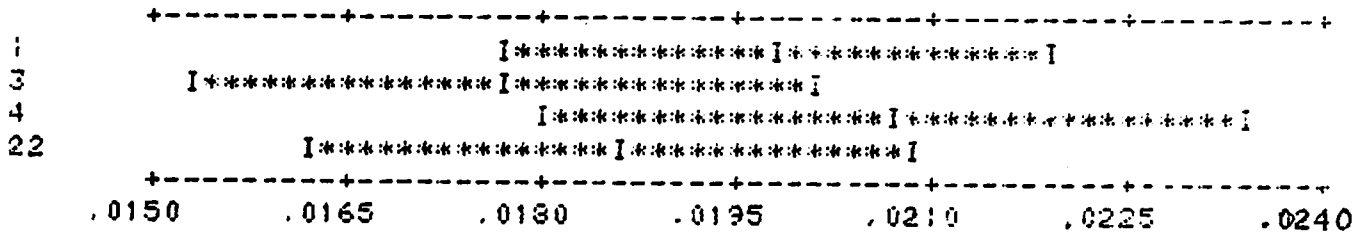


Table K.2
Lateral Acceleration ANOVA
Test 6 - Leg 2

ANALYSIS OF VARIANCE

DUE TO FACTOR	DF	SS	MS=SS/DF	F-RATIO
ERROR	15	.00012802	.00000853	
TOTAL	18	.00016236		

LEVEL	N	MEAN	ST. DEV.
1	4	.04267	.00294
3	5	.03877	.00296
4	5	.04075	.00245
22	5	.04028	.00344

POOLED ST. DEV. = .00292

INDIVIDUAL 95 PERCENT C. I. FOR LEVEL MEANS
(BASED ON POOLED STANDARD DEVIATION)

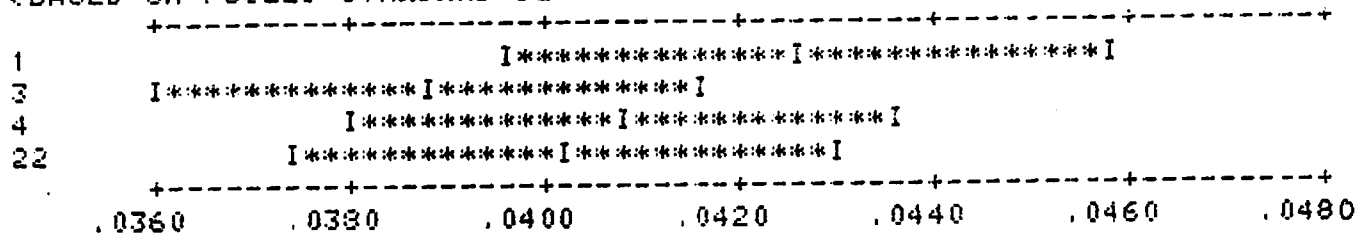


Table K.3
Lateral Acceleration ANOVA
Test 6 - Leg 3

ANALYSIS OF VARIANCE

DUE TO FACTOR	DF	SS	MS=SS/DF	F-RATIO
1	3	.00002594	.00000865	.94
ERROR	17	.00015702	.00000924	
TOTAL	20	.00018296		

LEVEL	N	MEAN	ST. DEV.
1	4	.01362	.00151
3	5	.01734	.00401
4	5	.01661	.00282
12	7	.01935	.00300

POOLED ST. DEV. = .00304

INDIVIDUAL 95 PERCENT C. I. FOR LEVEL MEANS
(BASED ON POOLED STANDARD DEVIATION)

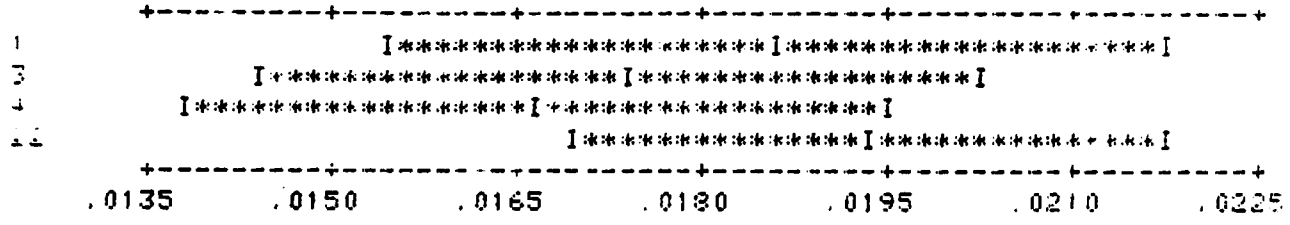


Table K.4
Lateral Acceleration ANOVA
Test 6 - Leg 4

ANALYSIS OF VARIANCE

DUE TO FACTOR	DF	SS	MS=SS/DF	F-RATIO
1	3	.00001494	.00000498	.94
ERROR	14	.00007425	.00000530	
TOTAL	17	.00008918		

LEVEL	N	MEAN	ST. DEV.
1	4	.02137	.00245
3	5	.02007	.00251
4	5	.02230	.00235
22	4	.02037	.00173

POOLED ST. DEV. = .00230

INDIVIDUAL 95 PERCENT C. I. FOR LEVEL MEANS
(BASED ON POOLED STANDARD DEVIATION)

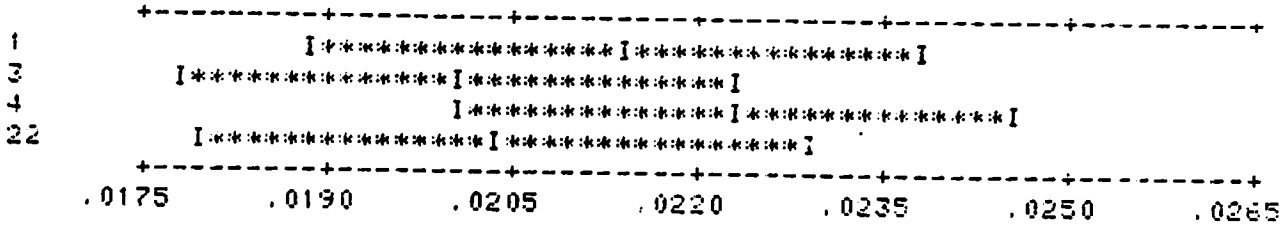


Table K.5
Lateral Acceleration ANOVA
Test 7 - Leg 1

ANALYSIS OF VARIANCE TABLE

SOURCE OF VARIANCE	D.F.	SUM OF SQ.	MEAN SQ.	F-VALUE	PROB(TAIL)
EQUALITY OF CELL MEANS	3	.0000	.0000	2.0915	.1508
ERROR	13	.0001	.0000		

T-TEST MATRIX FOR GROUP MEANS ON 13 DEGREES OF FREEDOM

		*19.0000 1	*23.0000 2	*24.0000 3	*8.00000 4
*19.0000	1	0.0000			
*23.0000	2	2.4551	0.0000		
*24.0000	3	.7279	-1.7689	0.0000	
*8.00000	4	.9546	-1.2436	.3242	0.0000

PROBABILITIES FOR THE T-VALUES ABOVE

		*19.0000 1	*23.0000 2	*24.0000 3	*8.00000 4
*19.0000	1	1.0000			
*23.0000	2	.0289	1.0000		
*24.0000	3	.4796	.1004	1.0000	
*8.00000	4	.3572	.2356	.7510	1.0000

Table K.6
Lateral Acceleration ANOVA
Test 7 - Leg 2

ANALYSIS OF VARIANCE TABLE

SOURCE OF VARIANCE	D.F.	SUM OF SQ.	MEAN SQ.	F-VALUE	PROB(TAIL)
EQUALITY OF CELL MEANS	3	.0000	.0000	1.2480	.3358
ERROR	12	.0001	.0000		

T-TEST MATRIX FOR GROUP MEANS ON 12 DEGREES OF FREEDOM

		*19.0000 1	*23.0000 2	*24.0000 3	*8.00000 4
*19.0000	1	0.0000			
*23.0000	2	1.9122	0.0000		
*24.0000	3	1.2536	-.7620	0.0000	
*8.00000	4	.9182	-.8522	-.1913	0.0000

PROBABILITIES FOR THE T-VALUES ABOVE

		*19.0000 1	*23.0000 2	*24.0000 3	*8.00000 4
*19.0000	1	1.0000			
*23.0000	2	.0800	1.0000		
*24.0000	3	.2338	.4608	1.0000	
*8.00000	4	.3766	.4108	.8515	1.0000

Table K.7
Lateral Acceleration ANOVA
Test 7 - Leg 3

ANALYSIS OF VARIANCE TABLE

SOURCE OF VARIANCE	D.F.	SUM OF SQ.	MEAN SQ.	F-VALUE	PROB(TAIL)
EQUALITY OF CELL MEANS	3	.0000	.0000	2.4449	.1143
ERROR	12	.0000	.0000		

T-TEST MATRIX FOR GROUP MEANS ON 12 DEGREES OF FREEDOM

		*19.0000 1	*23.0000 2	*24.0000 3	*8.00000 4
*19.0000	1	.00000			
*23.0000	2	2.4307	0.0000		
*24.0000	3	.7706	-1.9170	0.0000	
*8.00000	4	.5430	-1.8237	-.1635	0.0000

PROBABILITIES FOR THE T-VALUES ABOVE

		*19.0000 1	*23.0000 2	*24.0000 3	*8.00000 4
*19.0000	1	1.0000			
*23.0000	2	.0317	1.0000		
*24.0000	3	.4559	.0794	1.0000	
*8.00000	4	.5971	.0932	.8728	1.0000

Table K.8
Lateral Acceleration ANOVA
Test 7 - Leg 4

ANALYSIS OF VARIANCE TABLE

SOURCE OF VARIANCE	D.F.	SUM OF SQ.	MEAN SQ.	F-VALUE	PROB(TAIL)
EQUALITY OF CELL MEANS	3	.0000	.0000	2.3829	.1250
ERROR	11	.0000	.0000		

T-TEST MATRIX FOR GROUP MEANS ON 11 DEGREES OF FREEDOM

		*19.0000 1	*23.0000 2	*24.0000 3	*8.00000 4
*19.0000	1	0.0000			
*23.0000	2	2.5846	0.0000		
*24.0000	3	1.0348	-1.5498	0.0000	
*8.00000	4	.5959	-1.7970	-.3621	0.0000

PROBABILITIES FOR THE T-VALUES ABOVE

		*19.0000 1	*23.0000 2	*24.0000 3	*8.00000 4
*19.0000	1	1.0000			
*23.0000	2	.0254	1.0000		
*24.0000	3	.3230	.1495	1.0000	
*8.00000	4	.5633	.0998	.7241	1.0000

Table K.9
Lateral Acceleration ANOVA
Test 8 - Leg 1

ANALYSIS OF VARIANCE TABLE

SOURCE OF VARIANCE	D.F.	SUM OF SQ.	MEAN SQ.	F-VALUE	PROB(TAIL)
EQUALITY OF CELL MEANS	3	.0000	.0000	.4818	.7016
ERROR	11	.0000	.0000		

T-TEST MATRIX FOR GROUP MEANS ON 11 DEGREES OF FREEDOM

		*25.0000 1	*10.0000 2	*12.0000 3	*28.0000 4
*25.0000	1	0.0000			
*10.0000	2	.7850	0.0000		
*12.0000	3	.5704	-.2036	0.0000	
*28.0000	4	1.1299	.4835	.6498	0.0000

PROBABILITIES FOR THE T-VALUES ABOVE

		*25.0000 1	*10.0000 2	*12.0000 3	*28.0000 4
*25.0000	1	1.0000			
*10.0000	2	.4490	1.0000		
*12.0000	3	.5799	.8424	1.0000	
*28.0000	4	.2825	.6382	.5292	1.0000

Table K.10
Lateral Acceleration ANOVA
Test 8 - Leg 2

ANALYSIS OF VARIANCE TABLE

SOURCE OF VARIANCE	D.F.	SUM OF SQ.	MEAN SQ.	F-VALUE	PROB(TAIL)
EQUALITY OF CELL MEANS	2	.0000	.0000	1.4775	.2915
ERROR	7	.0001	.0000		

T-TEST MATRIX FOR GROUP MEANS ON 7 DEGREES OF FREEDOM

		*25.0000 1	*10.0000 2	*12.0000 3
*25.0000	1	0.0000		
*10.0000	2	-1.5694	0.0000	
*12.0000	3	-1.2810	.5234	0.0000

PROBABILITIES FOR THE T-VALUES ABOVE

		*25.0000 1	*10.0000 2	*12.0000 3
*25.0000	1	1.0000		
*10.0000	2	.1606	1.0000	
*12.0000	3	.2410	.6168	1.0000

Table K.11
Lateral Acceleration ANOVA
Test 8 - Leg 3

ANALYSIS OF VARIANCE TABLE

SOURCE OF VARIANCE	D.F.	SUM OF SQ.	MEAN SQ.	F-VALUE	PROB(TAIL)
EQUALITY OF CELL MEANS	4	.0000	.0000	.1601	.9546
ERROR	12	.0001	.0000		

T-TEST MATRIX FOR GROUP MEANS ON 12 DEGREES OF FREEDOM

		*25.0000 1	*10.0000 2	*12.0000 3	*26.0000 4	*28.0000 5
*25.0000	1	0.0000				
*10.0000	2	-.0747	0.0000			
*12.0000	3	.5603	.5599	0.0000		
*26.0000	4	-.2327	-.1536	-.6563	0.0000	
*28.0000	5	.2442	.2836	-.1793	.3991	0.0000

PROBABILITIES FOR THE T-VALUES ABOVE

		*25.0000 1	*10.0000 2	*12.0000 3	*26.0000 4	*28.0000 5
*25.0000	1	1.0000				
*10.0000	2	.9417	1.0000			
*12.0000	3	.5856	.5859	1.0000		
*26.0000	4	.8199	.8805	.5240	1.0000	
*28.0000	5	.8112	.7816	.8607	.6969	1.0000

Table K.12
Lateral Acceleration ANOVA
Test 8 - Leg 4

ANALYSIS OF VARIANCE TABLE

SOURCE OF VARIANCE	D.F.	SUM OF SQ.	MEAN SQ.	F-VALUE	PROB(TAIL)
EQUALITY OF CELL MEANS	3	.0000	.0000	3.0502	.0665
ERROR	13	.0000	.0000		

T-TEST MATRIX FOR GROUP MEANS ON 13 DEGREES OF FREEDOM

		*25.0000 1	*10.0000 2	*12.0000 3	*28.0000 4
*25.0000	1	0.0000			
*10.0000	2	-2.6755	0.0000		
*12.0000	3	-2.3967	.2788	0.0000	
*28.0000	4	-1.9124	.1101	-.1007	0.0000

PROBABILITIES FOR THE T-VALUES ABOVE

		*25.0000 1	*10.0000 2	*12.0000 3	*28.0000 4
*25.0000	1	1.0000			
*10.0000	2	.0191	1.0000		
*12.0000	3	.0323	.7848	1.0000	
*28.0000	4	.0781	.9140	.9214	1.0000

Table K.13
Lateral Acceleration ANOVA
Test 9 - Leg 1

ANALYSIS OF VARIANCE

DUE TO FACTOR	DF	SS	MS=SS/DF	F-RATIO
ERROR	3	.00001356	.00000452	1.43
TOTAL	15	.00004732	.00000315	
	18	.00006088		

LEVEL	N	MEAN	ST. DEV.
9	5	.02092	.00163
15	5	.02036	.00113
16	5	.02164	.00258
30	4	.01924	.00128

POOLED ST. DEV. = .00178

INDIVIDUAL 95 PERCENT C. I. FOR LEVEL MEANS
(BASED ON POOLED STANDARD DEVIATION)

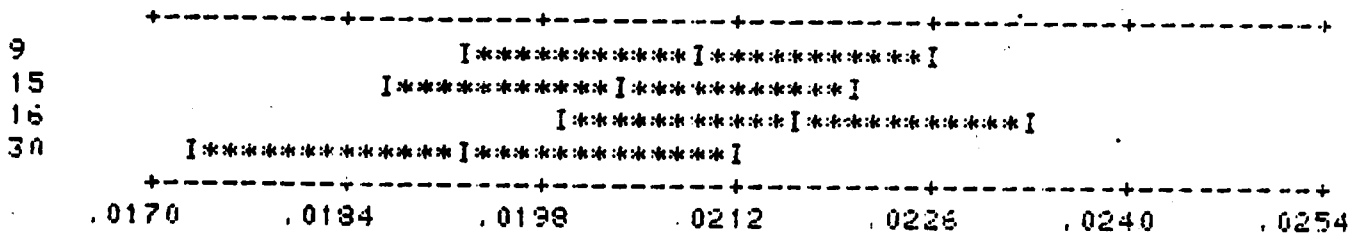


Table K.14
Lateral Acceleration ANOVA
Test 9 - Leg 2

ANALYSIS OF VARIANCE

DUE TO FACTOR	DF	SS	MS=SS/DF	F-RATIO
ERROR	3	.02225	.00742	.94
TOTAL	16	.12565	.00795	
	19	.14790		

LEVEL	N	MEAN	ST. DEV.
9	5	.0401	.0025
15	5	.1181	.1772
16	5	.0432	.0008
30	5	.0401	.0015

POOLED ST. DEV. = .0886

INDIVIDUAL 95 PERCENT C. I. FOR LEVEL MEANS
(BASED ON POOLED STANDARD DEVIATION)

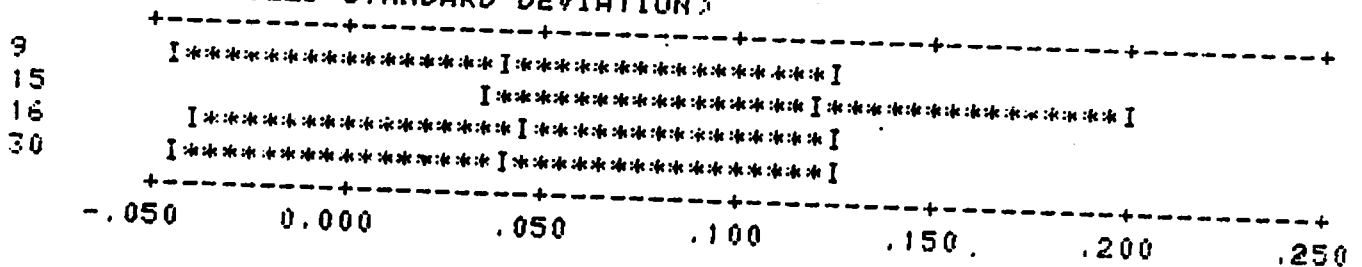


Table K.15
Lateral Acceleration ANOVA
Test 9 - Leg 3

ANALYSIS OF VARIANCE

DUE TO FACTOR	DF	SS	MS=SS/DF	F-RATIO
	3	.00000187	.00000062	.20
ERROR	15	.00004709	.00000314	
TOTAL	18	.00004896		

LEVEL	N	MEAN	ST. DEV.
9	5	.01823	.00160
15	4	.01808	.00246
16	5	.01869	.00171
30	5	.01785	.00133

POOLED ST. DEV. = .00177

INDIVIDUAL 95 PERCENT C. I. FOR LEVEL MEANS
(BASED ON POOLED STANDARD DEVIATION)

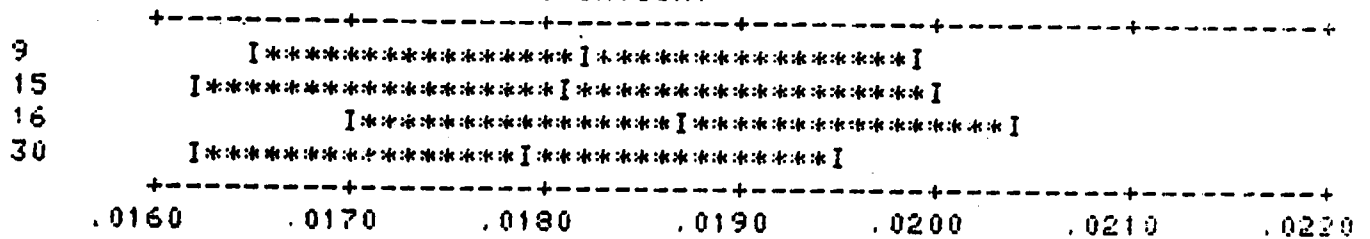


Table K.16
Lateral Acceleration ANOVA
Test 9 - Leg 4

ANALYSIS OF VARIANCE

DUE TO FACTOR	DF	SS	MS=SS/DF	F-RATIO
ERROR	16	.00005831	.00000364	1.74
TOTAL	19	.00007736		

LEVEL	N	MEAN	ST. DEV.
9	5	.02171	.00199
15	5	.02111	.00200
16	5	.02282	.00076
30	5	.02013	.00246

POOLED ST. DEV. = .00191

INDIVIDUAL 95 PERCENT C. I. FOR LEVEL MEANS
(BASED ON POOLED STANDARD DEVIATION)

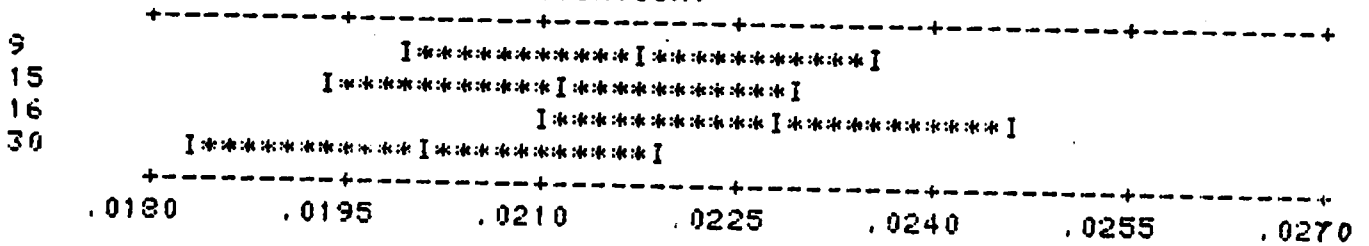


Table K.17
 Longitudinal Acceleration ANOVA
 Test 6 - Leg 1

ANALYSIS OF VARIANCE

DUE TO FACTOR	DF	SS	MS=SS/DF	F-RATIO
	3	.000012329	.000004110	4.99
ERROR	12	.000009879	.000000823	
TOTAL	15	.000022209		

LEVEL	N	MEAN	ST. DEV.
1	5	.013136	.001027
3	4	.013268	.001017
4	3	.011933	.000341
22	4	.011175	.000881

POOLED ST. DEV. = .000907

INDIVIDUAL 95 PERCENT C. I. FOR LEVEL MEANS
 (BASED ON POOLED STANDARD DEVIATION)

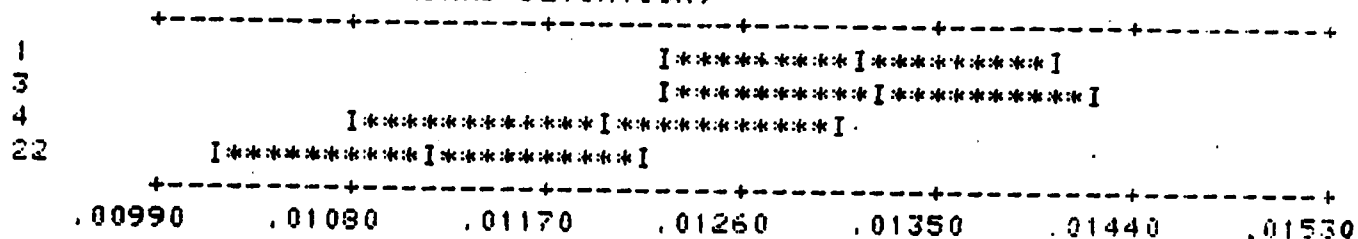


Table K.18
 Longitudinal Acceleration ANOVA
 Test 6 - Leg 2

ANALYSIS OF VARIANCE

DUE TO FACTOR	DF	SS	MS=SS/DF	F-RATIO
ERROR	3	.0000454	.0000151	1.27
TOTAL	15	.0001796	.0000119	
	18	.0002240		

1

LEVEL	N	MEAN	ST. DEV.
1	4	.03392	.00499
3	5	.02959	.00201
4	5	.03258	.00244
22	5	.03208	.00400

POOLED ST. DEV. = .00345

1

INDIVIDUAL 95 PERCENT C. I. FOR LEVEL MEANS
 (BASED ON POOLED STANDARD DEVIATION)

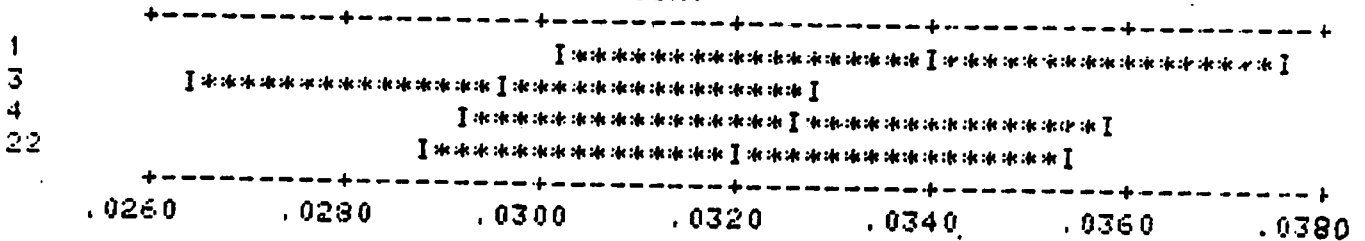


Table K.19
 Longitudinal Acceleration ANOVA
 Test 6 - Leg 3

ANALYSIS OF VARIANCE

DUE TO FACTOR	DF	SS	MS=SS/DF	F-RATIO
ERROR	3	.00000584	.00000195	.22
TOTAL	15	.00013073	.00000872	
	18	.00013656		

LEVEL	N	MEAN	ST. DEV.
1	4	.02245	.00161
3	5	.02281	.00133
4	5	.02350	.00291
22	5	.02389	.00452

POOLED ST. DEV. = .00295

INDIVIDUAL 95 PERCENT C. I. FOR LEVEL MEANS
 (BASED ON POOLED STANDARD DEVIATION)

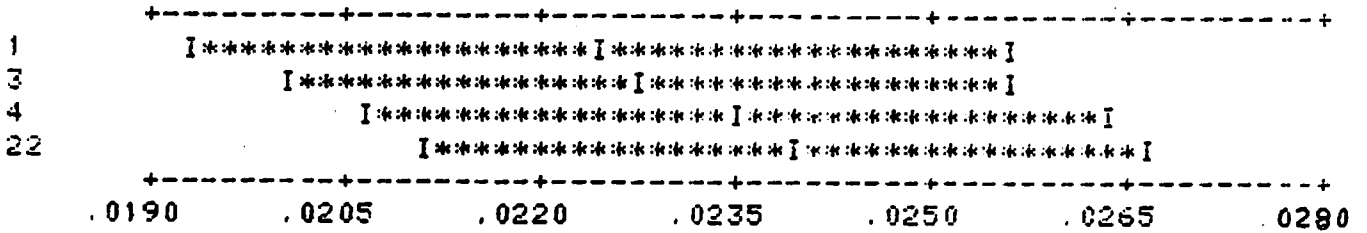


Table K.20
 Longitudinal Acceleration ANOVA
 Test 6 - Leg 4

ANALYSIS OF VARIANCE

DUE TO FACTOR	DF	SS	MS=SS/DF	F-RATIO
ERROR	14	.00006265	.00000447	.11
TOTAL	17	.00006407		

LEVEL	N	MEAN	ST. DEV.
1	4	.01658	.00059
3	5	.01609	.00121
4	5	.01579	.00290
22	4	.01621	.00272

POOLED ST. DEV. = .00212

INDIVIDUAL 95 PERCENT C. I. FOR LEVEL MEANS
 (BASED ON POOLED STANDARD DEVIATION)

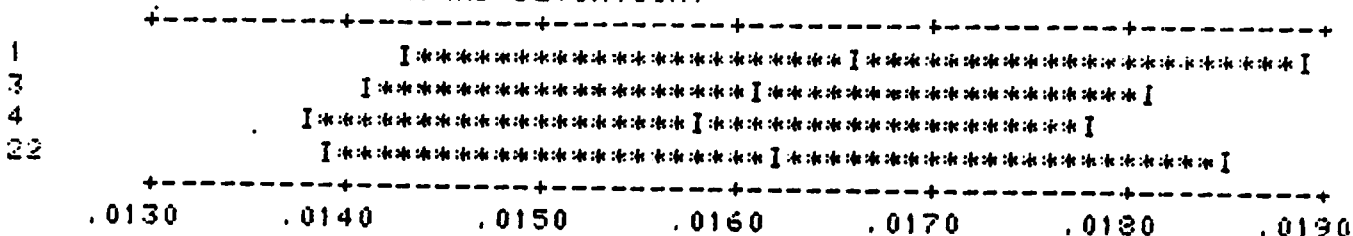


Table K.21
 Longitudinal Acceleration ANOVA
 Test 7 - Leg 1

ANALYSIS OF VARIANCE TABLE

SOURCE OF VARIANCE	D.F.	SUM OF SQ.	MEAN SQ.	F-VALUE	PROB(TAIL)
EQUALITY OF CELL MEANS	3	.0001	.0000	.8600	.4863
ERROR	13	.0004	.0000		

T-TEST MATRIX FOR GROUP MEANS ON 13 DEGREES OF FREEDOM

		*19.0000 1	*23.0000 2	*24.0000 3	*8.00000 4
*19.0000	1	0.0000			
*23.0000	2	1.2415	0.0000		
*24.0000	3	-.2246	-1.4532	0.0000	
*8.00000	4	.6415	-.4770	.8360	0.0000

PROBABILITIES FOR THE T-VALUES ABOVE

		*19.0000 1	*23.0000 2	*24.0000 3	*8.00000 4
*19.0000	1	1.0000			
*23.0000	2	.2364	1.0000		
*24.0000	3	.8258	.1699	1.0000	
*8.00000	4	.5323	.6413	.4182	1.0000

Table K.22
 Longitudinal Acceleration ANOVA
 Test 7 - Leg 2

ANALYSIS OF VARIANCE TABLE

SOURCE OF VARIANCE	D.F.	SUM OF SQ.	MEAN SQ.	F-VALUE	PROB(TAIL)
EQUALITY OF CELL MEANS	3	.0000	.0000	1.4449	.2786
ERROR	12	.0001	.0000		

T-TEST MATRIX FOR GROUP MEANS ON 12 DEGREES OF FREEDOM

		*19.0000 1	*23.0000 2	*24.0000 3	*8.00000 4
*19.0000	1	0.0000			
*23.0000	2	-.2158	0.0000		
*24.0000	3	-1.8046	-1.5772	0.0000	
*8.00000	4	-.1899	.0099	1.4591	0.0000

PROBABILITIES FOR THE T-VALUES ABOVE

		*19.0000 1	*23.0000 2	*24.0000 3	*8.00000 4
*19.0000	1	1.0000			
*23.0000	2	.8328	1.0000		
*24.0000	3	.0963	.1407	1.0000	
*8.00000	4	.8526	.9923	.1702	1.0000

Table K.23
 Longitudinal Acceleration ANOVA
 Test 7 - Leg 3

ANALYSIS OF VARIANCE TABLE

SOURCE OF VARIANCE	D.F.	SUM OF SQ.	MEAN SQ.	F-VALUE	PROB(TAIL)
EQUALITY OF CELL MEANS	3	.0000	.0000	.4429	.7266
ERROR	12	.0004	.0000		

T-TEST MATRIX FOR GROUP MEANS ON 12 DEGREES OF FREEDOM

		*19.0000 1	*23.0000 2	*24.0000 3	*8.00000 4
*19.0000	1	0.0000			
*23.0000	2	.7168	0.0000		
*24.0000	3	.0013	-.8262	0.0000	
*8.00000	4	.7948	.1718	.8873	0.0000

PROBABILITIES FOR THE T-VALUES ABOVE

		*19.0000 1	*23.0000 2	*24.0000 3	*8.00000 4
*19.0000	1	1.0000			
*23.0000	2	.4872	1.0000		
*24.0000	3	.9990	.4248	1.0000	
*8.00000	4	.4422	.8665	.3924	1.0000

Table K.24
 Longitudinal Acceleration ANOVA
 Test 7 - Leg 4

ANALYSIS OF VARIANCE TABLE

SOURCE OF VARIANCE	D.F.	SUM OF SQ.	MEAN SQ.	F-VALUE	PROB(TAIL)
EQUALITY OF CELL MEANS	3	.0000	.0000	.8632	.4889
ERROR	11	.0002	.0000		

T-TEST MATRIX FOR GROUP MEANS ON 11 DEGREES OF FREEDOM

		*19.0000 1	*23.0000 2	*24.0000 3	*8.00000 4
*19.0000	1	0.0000			
*23.0000	2	1.1906	0.0000		
*24.0000	3	-.3403	-1.5310	0.0000	
*8.00000	4	.3201	-.7822	.6352	0.0000

PROBABILITIES FOR THE T-VALUES ABOVE

		*19.0000 1	*23.0000 2	*24.0000 3	*8.00000 4
*19.0000	1	1.0000			
*23.0000	2	.2589	1.0000		
*24.0000	3	.7400	.1540	1.0000	
*8.00000	4	.7549	.4506	.5383	1.0000

Table K.25
 Longitudinal Acceleration ANOVA
 Test 8 - Leg 1

ANALYSIS OF VARIANCE TABLE

SOURCE OF VARIANCE	D.F.	SUM OF SQ.	MEAN SQ.	F-VALUE	PROB(TAIL)
EQUALITY OF CELL MEANS	3	.0001	.0000	7.3316	.0057
ERROR	11	.0000	.0000		

T-TEST MATRIX FOR GROUP MEANS ON 11 DEGREES OF FREEDOM

		*25.0000 1	*10.0000 2	*12.0000 3	*28.0000 4
*25.0000	1	0.0000			
*10.0000	2	-.5274	0.0000		
*12.0000	3	-1.5770	-.9957	0.0000	
*28.0000	4	3.4867	3.7770	4.5900	0.0000

PROBABILITIES FOR THE T-VALUES ABOVE

		*25.0000 1	*10.0000 2	*12.0000 3	*28.0000 4
*25.0000	1	1.0000			
*10.0000	2	.6084	1.0000		
*12.0000	3	.1431	.3408	1.0000	
*28.0000	4	.0051	.0031	.0008	1.0000

Table K.26
 Longitudinal Acceleration ANOVA
 Test 8 - Leg 2

ANALYSIS OF VARIANCE TABLE

SOURCE OF VARIANCE	D.F.	SUM OF SQ.	MEAN SQ.	F-VALUE	PROB(TAIL)
EQUALITY OF CELL MEANS	2	.0000	.0000	1.7144	.2478
ERROR	7	.0000	.0000		

T-TEST MATRIX FOR GROUP MEANS ON 7 DEGREES OF FREEDOM

		*25.0000 1	*10.0000 2	*12.0000 3
*25.0000	1	0.0000		
*10.0000	2	-.1120	0.0000	
*12.0000	3	1.6415	1.4523	0.0000

PROBABILITIES FOR THE T-VALUES ABOVE

		*25.0000 1	*10.0000 2	*12.0000 3
*25.0000	1	1.0000		
*10.0000	2	.9139	1.0000	
*12.0000	3	.1447	.1897	1.0000

Table K.27
 Longitudinal Acceleration ANOVA
 Test 8 - Leg 3

ANALYSIS OF VARIANCE TABLE

SOURCE OF VARIANCE	D.F.	SUM OF SQ.	MEAN SQ.	F-VALUE	PROB(TAIL)
EQUALITY OF CELL MEANS	4	.0001	.0000	2.4998	.0982
ERROR	12	.0001	.0000		

T-TEST MATRIX FOR GROUP MEANS ON 12 DEGREES OF FREEDOM

		*25.0000 1	*10.0000 2	*12.0000 3	*26.0000 4	*28.0000 5
*25.0000	1	0.0000				
*10.0000	2	.3096	0.0000			
*12.0000	3	.7577	.3466	0.0000		
*26.0000	4	.9877	.6576	.4150	0.0000	
*28.0000	5	3.0490	2.5467	2.4762	1.7245	0.0000

PROBABILITIES FOR THE T-VALUES ABOVE

		*25.0000 1	*10.0000 2	*12.0000 3	*26.0000 4	*28.0000 5
*25.0000	1	1.0000				
*10.0000	2	.7622	1.0000			
*12.0000	3	.4633	.7349	1.0000		
*26.0000	4	.3428	.5232	.6855	1.0000	
*28.0000	5	.0101	.0256	.0292	.1102	1.0000

Table K.28
 Longitudinal Acceleration ANOVA
 Test 8 - Leg 4

ANALYSIS OF VARIANCE TABLE

SOURCE OF VARIANCE	D.F.	SUM OF SQ.	MEAN SQ.	F-VALUE	PROB(TAIL)
EQUALITY OF CELL MEANS	3	.0001	.0000	6.8164	.0053
ERROR	13	.0000	.0000		

T-TEST MATRIX FOR GROUP MEANS ON 13 DEGREES OF FREEDOM

		*25.0000 1	*10.0000 2	*12.0000 3	*28.0000 4
*25.0000	1	0.0000			
*10.0000	2	2.7102	0.0000		
*12.0000	3	-.8334	-3.5435	0.0000	
*28.0000	4	2.8050	.7563	3.4350	0.0000

PROBABILITIES FOR THE T-VALUES ABOVE

		*25.0000 1	*10.0000 2	*12.0000 3	*28.0000 4
*25.0000	1	1.0000			
*10.0000	2	.0178	1.0000		
*12.0000	3	.4197	.0036	1.0000	
*28.0000	4	.0149	.4629	.0044	1.0000

Table K.29
 Longitudinal acceleration ANOVA
 Test 9 - Leg 1

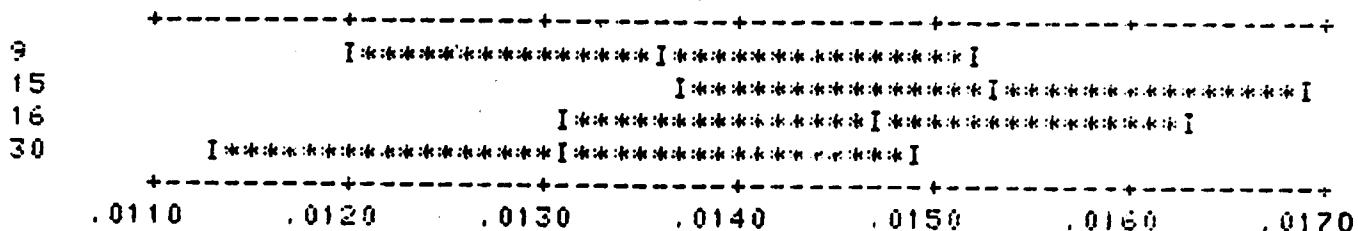
ANALYSIS OF VARIANCE

DUE TO FACTOR	DF	SS	MS=SS/DF	F-RATIO
ERROR	15	.00004207	.00000280	
TOTAL	18	.00005610		

LEVEL	N	MEAN	ST. DEV.
9	5	.01356	.00034
15	5	.01530	.00239
16	5	.01469	.00199
30	4	.01311	.00098

POOLED ST. DEV. = .00167

INDIVIDUAL 95 PERCENT C. I. FOR LEVEL MEANS
 (BASED ON POOLED STANDARD DEVIATION)



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Table K.30
 Longitudinal Acceleration ANOVA
 Test 9 - Leg 2

ANALYSIS OF VARIANCE

DUE TO FACTOR	DF	SS	MS=SS/DF	F-RATIO
ERROR	3	.00000391	.00000130	.62
TOTAL	16	.00003364	.00000210	
	19	.00003754		

LEVEL	N	MEAN	ST. DEV.
9	5	.03343	.00175
15	5	.03299	.00136
16	5	.03271	.00069
30	5	.03221	.00174

POOLED ST. DEV. = .00145

INDIVIDUAL 95 PERCENT C. I. FOR LEVEL MEANS
 (BASED ON POOLED STANDARD DEVIATION)

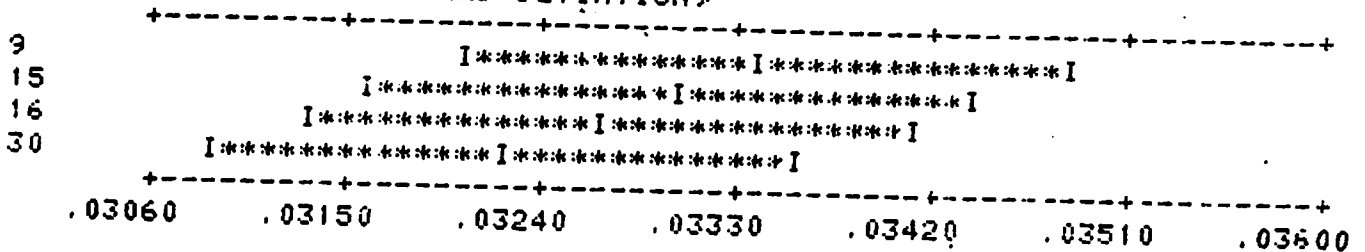


Table K.31
 Longitudinal Acceleration ANOVA
 Test 9 - Leg 3

ANALYSIS OF VARIANCE

DUE TO FACTOR	DF	SS	MS=SS/DF	F-RATIO
ERROR	3	.00001746	.00000582	1.25
TOTAL	15	.00006962	.00000464	
	18	.00003708		

LEVEL	N	MEAN	ST. DEV.
9	5	.02081	.00169
15	4	.02344	.00287
16	5	.02277	.00237
30	5	.02228	.00167

POOLED ST. DEV. = .00215

INDIVIDUAL 95 PERCENT C. I. FOR LEVEL MEANS
 (BASED ON POOLED STANDARD DEVIATION)

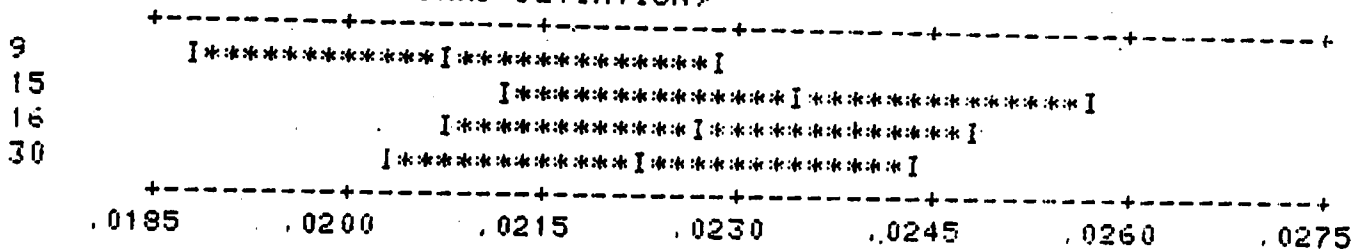


Table K.32
 Longitudinal Acceleration ANOVA
 Test 9 - Leg 4

ANALYSIS OF VARIANCE

DUE TO FACTOR	DF	SS	MS=SS/DF	F-RATIO
ERROR	16	.00002106	.00000132	3.10
TOTAL	19	.00003331		

LEVEL	N	MEAN	ST. DEV.
9	5	.01611	.00049
15	5	.01700	.00115
16	5	.01799	.00177
30	5	.01608	.00077

POOLED ST. DEV. = .00115

INDIVIDUAL 95 PERCENT C. I. FOR LEVEL MEANS
 (BASED ON POOLED STANDARD DEVIATION)

