

Appendix D-1

Canada Study Phase 1 results from PVT Performance

PVT Table 1: Descriptive Statistics by Driver, Time of Day, For PVT Response Variables: Raw																		
Driver	No Feedback									Feedback								
	Day			Evening			Night			Day			Evening			Night		
	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD
1	2	0.50	0.71	4	3.25	0.96	5	1.20	1.10	3	2.67	2.08	.	.	.	1	1.00	.
2	3	2.00	1.73	2	4.00	5.66	.	.	.	3	1.33	2.31	8	2.88	3.40	1	8.00	.
4	11	0.45	0.69	9	0.22	0.44	.	.	.	8	0.50	0.76	8	0.13	0.35	.	.	.
5	4	0.50	1.00	9	0.33	0.50	10	0.10	0.32	3	1.67	1.15	7	0.71	1.50	3	0.33	0.58
6	3	1.67	0.58	7	0.71	0.76	1	1.00	.	4	1.75	2.87	9	0.56	1.01	.	.	.
7	8	0.75	0.46	9	0.56	0.73	3	1.33	0.58	7	1.00	1.41	10	0.70	1.06	2	0.00	0.00
8	9	0.00	0.00	6	0.00	0.00	1	0.00	.	.	.	.	.	.	.	.	.	.
10	1	3.00	.	7	3.43	1.90	9	5.00	4.09	1	3.00	.	9	4.67	2.45	9	3.11	2.71
11	.	.	.	1	1.00	.	15	1.33	1.35	1	0.00	.	1	10.00	.	17	1.24	1.52
12	8	0.13	0.35	8	0.13	0.35	.	.	.	10	0.50	0.85	10	0.00	0.00	.	.	.
13	11	1.00	1.61	11	0.55	1.51	8	0.88	1.13	.	.	.	1	2.00	.	.	.	.
15	6	8.00	7.24	5	2.40	3.91	2	11.50	13.44	5	18.80	4.09	3	4.33	2.89	1	4.00	.
17	9	3.44	2.40	4	2.25	2.63	2	1.00	1.41	8	4.50	3.21	1	5.00	.	.	.	.
18	4	0.75	0.50	4	0.75	0.96	5	1.20	1.79	3	2.33	3.21	2	0.50	0.71	3	3.33	2.08
19	3	0.33	0.58	6	0.00	0.00	5	2.00	2.92	1	8.00	.	1	2.00	.	2	0.00	0.00
21	6	0.17	0.41	6	0.33	0.52	5	0.60	0.89	11	0.18	0.40	2	0.00	0.00	8	0.38	0.74
22	1	1.00	.	.	.	.	.	.	.	1	3.00	.	5	4.00	6.28	3	2.33	1.53
23	1	1.00	.	2	5.50	2.12	1	3.00	.	6	11.50	3.62	3	6.67	5.69	1	6.00	.
25	2	0.00	0.00	6	1.00	1.10	.	.	.	2	0.00	0.00	1	0.00	.	1	0.00	.
26	6	4.83	2.79	3	2.00	1.00	1	19.00	.	3	12.33	5.03	3	5.33	2.52	1	19.00	.
Sum/Mean	98	1.55		109	1.50		73	3.28		80	4.06		84	2.75		53	3.48	

Canada Study Phase 1 PVT results

**PVT Table 2: Descriptive Statistics by Driver, Time of Day,
PVT Response Variables: Transformed**

Driver	No Feedback									Feedback								
	Day			Evening			Night			Day			Evening			Night		
	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD
1	2	1.71	1.00	4	3.84	0.52	5	2.39	0.97	3	3.42	1.16	.	.	.	1	2.41	.
2	3	3.02	1.06	2	3.42	3.42	.	.	.	3	2.08	1.87	8	3.07	2.05	1	5.83	.
4	11	1.58	0.83	9	1.31	0.62	.	.	.	8	1.62	0.89	8	1.18	0.50	.	.	.
5	4	1.54	1.08	9	1.47	0.71	10	1.14	0.45	3	2.85	0.76	7	1.66	1.25	3	1.47	0.81
6	3	2.90	0.43	7	1.91	0.89	1	2.41	.	4	2.38	1.93	9	1.62	1.00	.	.	.
7	8	2.06	0.65	9	1.71	0.87	3	2.66	0.43	7	1.98	1.30	10	1.77	1.06	2	1.00	0.00
8	9	1.00	0.00	6	1.00	0.00	1	1.00	.	.	.	.	.	.	.	.	.	.
10	1	3.73	.	7	3.74	1.34	9	4.41	1.68	1	3.73	.	9	4.31	1.47	9	3.58	1.30
11	.	.	.	1	2.41	.	15	2.38	1.17	1	1.00	.	1	6.48	.	17	2.28	1.18
12	8	1.18	0.50	8	1.18	0.50	.	.	.	10	1.57	0.94	10	1.00	0.00	.	.	.
13	11	1.97	1.29	11	1.46	1.15	8	1.96	1.11	.	.	.	1	3.15	.	.	.	.
15	6	5.35	2.53	5	2.58	2.33	2	6.21	4.33	5	8.75	0.93	3	4.20	1.55	1	4.24	.
17	9	3.71	1.43	4	2.73	2.01	2	2.08	1.52	8	4.15	1.73	1	4.69	.	.	.	.
18	4	2.06	0.71	4	1.89	1.07	5	2.08	1.53	3	2.84	2.08	2	1.71	1.00	3	3.78	1.21
19	3	1.47	0.81	6	1.00	0.00	5	2.61	1.85	1	5.83	.	1	3.15	.	2	1.00	0.00
21	6	1.24	0.58	6	1.47	0.73	5	1.71	1.01	11	1.26	0.57	2	1.00	0.00	8	1.45	0.85
22	1	2.41	.	.	.	.	.	.	.	1	3.73	.	5	3.35	2.81	3	3.27	0.92
23	1	2.41	.	2	4.86	0.87	1	3.73	.	6	6.85	1.12	3	5.06	2.12	1	5.10	.
25	2	1.00	0.00	6	2.08	1.18	.	.	.	2	1.00	0.00	1	1.00	.	1	1.00	.
26	6	4.44	1.36	3	3.10	0.66	1	8.83	.	3	7.06	1.47	3	4.75	1.05	1	8.83	.
Sum/Mean	98	2.36		109	2.27		73	3.04		80	3.45		84	2.95		53	3.23	

Canada Study Phase 1 PVT

**PVT Table 3: Descriptive Statistics by Driver, Time of Day, and Condition
For PVT Response Variables: Median Response Time**

Driver	No Feedback									Feedback								
	Day			Evening			Night			Day			Evening			Night		
	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD
1	2	270.00	11.31	4	314.88	29.54	5	291.90	19.07	3	289.00	13.11	.	.	.	1	256.00	.
2	3	235.83	7.15	2	236.50	21.21	.	.	.	3	240.17	4.75	8	244.38	14.16	1	252.00	.
4	11	226.18	5.29	9	224.39	8.86	.	.	.	8	233.63	10.28	8	224.38	8.07	.	.	.
5	4	222.38	5.12	9	220.22	5.49	10	221.90	8.95	3	224.67	10.41	7	224.50	14.01	3	232.33	5.86
6	3	288.33	22.09	7	261.93	9.94	1	236.00	.	4	266.63	14.36	9	261.56	14.40	.	.	.
7	8	228.44	9.48	9	229.78	7.56	3	247.33	17.90	7	228.64	9.89	10	231.15	16.33	2	233.00	29.70
8	9	221.06	7.19	6	220.17	9.87	1	228.00	.	.	.	.	.	.	.	.	.	.
10	1	255.00	.	7	255.00	11.09	9	260.17	22.60	1	241.50	.	9	274.11	14.72	9	261.56	17.09
11	.	.	.	1	208.00	.	15	222.43	10.05	1	233.00	.	1	254.00	.	17	225.56	16.12
12	8	214.06	5.26	8	212.38	4.96	.	.	.	10	210.35	8.76	10	213.15	5.32	.	.	.
13	11	249.68	23.60	11	239.05	22.17	8	264.13	21.19	.	.	.	1	241.50	.	.	.	.
15	6	264.00	40.59	5	247.00	39.73	2	296.00	63.64	5	330.80	17.47	3	293.33	29.02	1	320.00	.
17	9	277.61	27.24	4	280.75	21.02	2	274.25	0.35	8	292.50	13.76	1	288.00	.	.	.	.
18	4	214.75	15.63	4	230.50	11.56	5	233.30	12.14	3	209.83	10.75	2	224.50	9.90	3	224.50	11.17
19	3	235.33	13.01	6	246.50	8.80	5	273.70	27.67	1	278.00	.	1	272.50	.	2	277.00	4.24
21	6	224.08	19.80	6	226.00	14.75	5	245.40	29.03	11	233.73	22.90	2	234.25	41.37	8	228.00	33.36
22	1	274.50	.	.	.	.	.	.	.	1	282.00	.	5	289.70	45.44	3	278.17	13.55
23	1	301.50	.	2	288.25	15.91	1	281.00	.	6	330.00	15.86	3	310.00	28.83	1	320.00	.
25	2	204.00	4.24	6	213.25	20.66	.	.	.	2	212.00	1.41	1	210.00	.	1	234.00	.
26	6	291.25	20.62	3	257.50	38.46	1	331.00	.	3	313.67	21.22	3	287.17	16.54	1	335.00	.
Sum/Mean	98	247.26		109	242.74		73	260.43		80	258.34		84	254.34		53	262.65	

Canada Study Phase 1 PVT

**PVT Table 4: Descriptive Statistics by Driver, Time of Day, and Condition
For PVT Response Variables: Mean 10% Fastest Response Times**

Driver	No Feedback									Feedback								
	Day			Evening			Night			Day			Evening			Night		
	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD
1	2	217.61	9.66	4	245.79	11.70	5	228.43	16.47	3	233.54	12.21	.	.	.	1	206.80	.
2	3	196.43	4.58	2	189.78	9.59	.	.	.	3	197.30	5.87	8	199.74	7.05	1	201.67	.
4	11	195.58	3.83	9	194.77	7.07	.	.	.	8	198.25	7.19	8	192.98	6.02	.	.	.
5	4	188.13	4.24	9	187.97	5.80	10	189.50	6.09	3	191.26	8.37	7	186.30	9.35	3	196.47	3.83
6	3	227.26	16.15	7	211.34	10.98	1	193.70	.	4	220.03	8.43	9	208.20	10.00	.	.	.
7	8	195.81	6.44	9	195.41	6.94	3	207.81	7.19	7	189.63	6.94	10	186.92	11.39	2	184.14	18.02
8	9	187.55	5.25	6	183.81	6.11	1	200.89	.	.	.	.	.	.	.	.	.	.
10	1	210.89	.	7	195.82	4.83	9	198.13	7.71	1	192.89	.	9	198.04	8.01	9	202.87	8.95
11	.	.	.	1	161.89	.	15	181.06	9.93	1	184.33	.	1	205.00	.	17	178.64	10.98
12	8	184.50	4.21	8	180.72	3.38	.	.	.	10	185.60	8.08	10	187.51	5.49	.	.	.
13	11	198.09	15.53	11	192.89	11.17	8	202.48	14.25	.	.	.	1	192.78	.	.	.	.
15	6	200.60	23.99	5	194.17	20.87	2	210.86	17.87	5	222.97	21.46	3	222.20	19.16	1	249.78	.
17	9	224.79	17.99	4	223.31	17.76	2	219.52	1.52	8	233.72	8.20	1	235.67	.	.	.	.
18	4	175.50	7.12	4	183.66	6.93	5	187.73	12.05	3	169.59	6.81	2	188.89	18.38	3	183.14	7.42
19	3	192.56	10.92	6	194.25	6.36	5	211.66	17.07	1	226.44	.	1	214.70	.	2	201.65	4.74
21	6	192.96	12.26	6	196.09	8.52	5	205.11	11.37	11	194.72	10.75	2	193.22	20.27	8	191.09	14.52
22	1	215.20	.	.	.	.	.	.	.	1	218.70	.	5	218.02	9.18	3	215.64	6.73
23	1	225.40	.	2	198.67	17.29	1	204.11	.	6	249.28	9.42	3	222.60	11.89	1	241.44	.
25	2	174.26	4.45	6	176.43	11.28	.	.	.	2	183.85	4.74	1	173.44	.	1	189.11	.
26	6	225.54	8.85	3	207.07	27.65	1	253.67	.	3	241.70	6.85	3	226.51	5.47	1	245.22	.
Sum/Mean	98	201.51		109	195.47		73	206.31		80	207.43		84	202.93		53	206.26	

Canada Study Phase 1 PVT

PVT Table 5: Descriptive Statistics by Driver, Time of Day, and Condition
For PVT Response Variables: Mean 10% Slowest of Reciprocal Response Times

Driver	No Feedback									Feedback								
	Day			Evening			Night			Day			Evening			Night		
	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD
1	2	2.60	0.06	4	2.09	0.18	5	2.43	0.35	3	2.18	0.23	.	.	.	1	2.83	.
2	3	2.70	0.35	2	2.21	1.18	.	.	.	3	2.73	0.59	8	2.49	0.72	1	1.56	.
4	11	3.40	0.20	9	3.57	0.25	.	.	.	8	3.34	0.34	8	3.60	0.20	.	.	.
5	4	2.89	0.29	9	3.06	0.29	10	3.04	0.25	3	2.68	0.40	7	2.90	0.51	3	2.94	0.11
6	3	2.23	0.19	7	2.59	0.21	1	2.76	.	4	2.64	0.52	9	2.71	0.21	.	.	.
7	8	3.12	0.31	9	3.07	0.45	3	2.75	0.35	7	3.06	0.59	10	3.03	0.37	2	3.24	0.47
8	9	3.14	0.12	6	3.27	0.30	1	3.05	.	.	.	.	.	.	.	.	.	.
10	1	1.96	.	7	2.19	0.29	9	2.00	0.42	1	2.16	.	9	1.95	0.20	9	2.18	0.27
11	.	.	.	1	3.09	.	15	2.82	0.39	1	3.10	.	1	1.58	.	17	2.77	0.37
12	8	3.48	0.25	8	3.58	0.33	.	.	.	10	3.55	0.34	10	3.57	0.27	.	.	.
13	11	2.75	0.50	11	2.95	0.54	8	2.52	0.25	.	.	.	1	2.14	.	.	.	.
15	6	1.78	0.88	5	2.69	0.80	2	1.56	1.10	5	0.88	0.19	3	1.82	0.59	1	1.99	.
17	9	2.08	0.53	4	2.29	0.56	2	2.41	0.30	8	1.88	0.40	1	1.89	.	.	.	.
18	4	3.05	0.50	4	2.80	0.30	5	2.96	0.67	3	2.80	1.09	2	3.22	0.59	3	2.39	0.43
19	3	2.90	0.37	6	2.98	0.27	5	2.58	0.73	1	1.53	.	1	2.36	.	2	2.68	0.06
21	6	3.42	0.40	6	3.28	0.43	5	2.70	0.35	11	3.09	0.37	2	3.23	0.74	8	3.23	0.67
22	1	2.54	.	.	.	.	.	.	.	1	2.20	.	5	2.11	0.68	3	2.37	0.09
23	1	2.24	.	2	1.87	0.38	1	2.15	.	6	1.33	0.28	3	1.75	0.53	1	1.23	.
25	2	3.56	0.59	6	3.17	0.69	.	.	.	2	3.30	0.05	1	3.67	.	1	2.97	.
26	6	1.97	0.52	3	2.37	0.20	1	1.30	.	3	1.12	0.44	3	1.75	0.06	1	1.36	.
Sum/Mean	98	2.73		109	2.80		73	2.47		80	2.42		84	2.54		53	2.41	

Canada Study Phase 1 PVT

**PVT Table 6: Descriptive Statistics by Driver, Time of Day, and Condition
For PVT Response Variables: Total Response Errors**

Driver	No Feedback									Feedback								
	Day			Evening			Night			Day			Evening			Night		
	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD
1	2	1.50	2.12	4	5.00	5.83	5	5.00	10.07	3	3.00	2.65	.	.	.	1	0.00	.
2	3	3.00	2.65	2	10.00	7.07	.	.	.	3	3.67	2.31	8	4.75	1.67	1	3.00	.
4	11	0.45	0.69	9	0.33	0.50	.	.	.	8	0.13	0.35	8	0.25	0.46	.	.	.
5	4	2.75	1.50	9	5.00	4.00	10	3.90	3.60	3	8.33	4.73	7	6.14	3.80	3	3.67	1.15
6	3	1.67	1.15	7	0.86	0.69	1	1.00	.	4	0.50	0.58	9	1.33	1.00	.	.	.
7	8	0.75	0.71	9	1.56	2.19	3	0.67	1.15	7	1.57	1.40	10	1.60	1.84	2	4.00	1.41
8	9	1.11	0.93	6	3.00	1.10	1	0.00	.	.	.	.	.	.	.	.	.	.
10	1	0.00	.	7	2.14	0.90	9	2.56	2.24	1	4.00	.	9	4.33	1.87	9	3.00	1.41
11	.	.	.	1	4.00	.	15	1.80	1.01	1	4.00	.	1	5.00	.	17	1.88	1.62
12	8	0.50	0.76	8	0.38	0.52	.	.	.	10	0.40	0.70	10	0.30	0.48	.	.	.
13	11	1.18	0.98	11	1.18	1.60	8	1.25	1.04	.	.	.	1	0.00	.	.	.	.
15	6	1.17	0.98	5	3.40	1.82	2	1.50	2.12	5	1.60	1.82	3	3.00	2.00	1	0.00	.
17	9	2.00	4.53	4	0.50	0.58	2	0.50	0.71	8	0.38	0.74	1	0.00	.	.	.	.
18	4	4.00	1.41	4	3.25	2.22	5	4.00	1.87	3	12.67	10.79	2	4.00	1.41	3	4.33	2.08
19	3	7.00	3.00	6	8.17	4.22	5	7.40	8.88	1	10.00	.	1	4.00	.	2	5.00	2.83
21	6	0.67	1.21	6	0.50	0.84	5	0.80	0.84	11	0.55	0.93	2	0.50	0.71	8	0.25	0.46
22	1	0.00	.	.	.	.	.	.	.	1	2.00	.	5	0.40	0.55	3	1.00	0.00
23	1	3.00	.	2	21.50	23.33	1	12.00	.	6	4.50	3.62	3	7.00	5.20	1	12.00	.
25	2	8.50	3.54	6	9.17	6.62	.	.	.	2	2.00	0.00	1	3.00	.	1	1.00	.
26	6	1.17	1.47	3	5.33	4.16	1	0.00	.	3	2.00	2.00	3	1.67	1.53	1	1.00	.
Sum/Mean	98	2.13		109	4.49		73	2.82		80	3.40		84	2.63		53	2.87	

Canada Study Phase 1 PVT

PVT Table 7: Descriptive Statistics by Driver, Time of Day, and Condition
For PVT Response Variables: PVT Slope of the Reciprocal Response Time Curve

Driver	No Feedback									Feedback								
	Day			Evening			Night			Day			Evening			Night		
	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD
1	2	-0.041	0.017	4	0.007	0.047	5	-0.014	0.019	3	-0.014	0.011	.	.	.	1	0.050	.
2	3	-0.084	0.011	2	-0.101	0.067	.	.	.	3	-0.053	0.028	8	-0.060	0.069	1	-0.084	.
4	11	-0.039	0.036	9	-0.045	0.032	.	.	.	8	-0.067	0.022	8	-0.044	0.035	.	.	.
5	4	-0.040	0.049	9	-0.030	0.030	10	-0.043	0.017	3	-0.032	0.028	7	-0.003	0.068	3	-0.007	0.024
6	3	0.006	0.071	7	-0.013	0.042	1	-0.055	.	4	-0.034	0.040	9	0.000	0.040	.	.	.
7	8	-0.016	0.048	9	-0.032	0.027	3	-0.038	0.029	7	-0.038	0.038	10	-0.049	0.047	2	-0.086	0.031
8	9	0.003	0.030	6	-0.001	0.025	1	0.028	.	.	.	.	.	.	.	.	.	.
10	1	0.060	.	7	-0.007	0.040	9	-0.011	0.021	1	-0.002	.	9	-0.054	0.058	9	-0.020	0.034
11	.	.	.	1	-0.027	.	15	-0.027	0.045	1	-0.069	.	1	0.058	.	17	-0.039	0.045
12	8	-0.044	0.015	8	-0.029	0.031	.	.	.	10	-0.022	0.044	10	-0.018	0.028	.	.	.
13	11	-0.056	0.050	11	0.000	0.053	8	-0.017	0.040	.	.	.	1	-0.080	.	.	.	.
15	6	-0.064	0.108	5	-0.035	0.049	2	0.001	0.056	5	-0.057	0.133	3	-0.054	0.026	1	0.031	.
17	9	-0.015	0.053	4	-0.072	0.020	2	-0.071	0.039	8	-0.036	0.021	1	-0.010	.	.	.	.
18	4	-0.015	0.044	4	-0.010	0.038	5	-0.083	0.027	3	-0.078	0.132	2	-0.028	0.007	3	-0.097	0.058
19	3	-0.035	0.060	6	-0.057	0.065	5	-0.091	0.026	1	-0.008	.	1	-0.093	.	2	-0.087	0.098
21	6	-0.059	0.016	6	-0.024	0.050	5	-0.049	0.039	11	-0.035	0.053	2	-0.049	0.013	8	-0.052	0.028
22	1	-0.076	.	.	.	.	.	.	.	1	-0.044	.	5	-0.064	0.044	3	-0.009	0.021
23	1	-0.033	.	2	0.025	0.030	1	-0.030	.	6	-0.003	0.084	3	0.014	0.043	1	0.045	.
25	2	-0.021	0.010	6	-0.056	0.076	.	.	.	2	-0.005	0.030	1	-0.031	.	1	-0.125	.
26	6	-0.034	0.053	3	-0.052	0.050	1	-0.141	.	3	-0.089	0.077	3	-0.117	0.023	1	-0.080	.
Sum/Mean	98	-0.032		109	-0.029		73	-0.043		80	-0.038		84	-0.038		53	-0.040	

Canada Study Phase 1 PVT

**PVT Table 8: Descriptive Statistics by Driver, Time of Day, and Condition
For PVT Response Variables: Grand Mean Response Time**

Driver	No Feedback									Feedback								
	Day			Evening			Night			Day			Evening			Night		
	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD
1	2	278.51	11.70	4	328.94	28.12	5	300.91	22.79	3	306.51	12.07	.	.	.	1	263.57	.
2	3	254.41	12.81	2	275.77	59.26	.	.	.	3	256.17	18.63	8	267.75	27.00	1	296.98	.
4	11	232.50	5.14	9	229.28	9.26	.	.	.	8	238.85	12.49	8	227.99	7.80	.	.	.
5	4	237.77	4.42	9	232.35	4.88	10	234.09	9.98	3	246.63	18.32	7	241.23	20.59	3	244.55	4.40
6	3	307.04	16.78	7	275.92	13.32	1	252.06	.	4	279.07	22.69	9	271.49	14.32	.	.	.
7	8	238.28	11.17	9	242.66	13.66	3	259.93	19.46	7	240.11	17.81	10	242.24	16.84	2	237.78	32.71
8	9	230.98	7.80	6	227.87	10.49	1	239.45	.	.	.	.	.	.	.	.	.	.
10	1	315.30	.	7	281.00	13.74	9	297.73	33.03	1	281.82	.	9	300.81	12.46	9	286.29	21.65
11	.	.	.	1	219.73	.	15	239.23	14.76	1	239.57	.	1	305.42	.	17	242.36	22.87
12	8	221.20	6.94	8	218.92	8.38	.	.	.	10	219.00	12.46	10	220.29	7.83	.	.	.
13	11	261.03	27.55	11	250.45	25.96	8	275.07	22.30	.	.	.	1	265.85	.	.	.	.
15	6	320.28	78.22	5	264.68	49.18	2	367.56	138.76	5	453.08	46.25	3	339.42	34.07	1	341.23	.
17	9	308.97	37.35	4	301.59	32.48	2	289.59	7.71	8	325.33	24.15	1	319.22	.	.	.	.
18	4	228.30	17.63	4	244.86	10.94	5	245.54	27.85	3	238.94	42.96	2	236.56	21.09	3	256.49	13.98
19	3	246.79	19.18	6	253.43	10.67	5	283.84	39.50	1	325.34	.	1	286.35	.	2	277.38	2.91
21	6	230.74	19.99	6	234.93	17.17	5	260.15	27.86	11	241.93	22.46	2	240.60	42.86	8	237.04	36.19
22	1	286.56	.	.	.	.	.	.	.	1	319.48	.	5	322.65	72.77	3	289.51	13.85
23	1	312.20	.	2	316.96	30.70	1	295.10	.	6	389.52	28.75	3	341.87	49.11	1	496.62	.
25	2	211.22	2.25	6	227.91	32.84	.	.	.	2	222.44	0.41	1	212.19	.	1	243.67	.
26	6	322.65	35.79	3	279.76	36.02	1	421.55	.	3	409.65	75.51	3	331.82	9.39	1	392.17	.
Sum/Mean	98	265.51		109	258.26		73	284.12		80	290.75		84	276.32		53	293.26	

Canada Study Phase 1 PVT

**PVT Table 9: Descriptive Statistics by Driver, Time of Day, and Condition
For PVT Response Variables: Standard Deviation of Response Times**

Driver	No Feedback									Feedback								
	Day			Evening			Night			Day			Evening			Night		
	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD
1	2	51.22	1.97	4	78.47	17.34	5	63.03	22.08	3	75.93	23.52	.	.	.	1	55.02	.
2	3	85.42	26.49	2	155.73	157.72	.	.	.	3	63.55	43.19	8	96.41	65.17	1	160.26	.
4	11	40.90	21.70	9	30.92	11.50	.	.	.	8	40.44	24.47	8	27.36	6.65	.	.	.
5	4	62.57	36.18	9	45.00	11.80	10	43.11	8.37	3	88.37	32.90	7	68.72	60.36	3	50.00	8.51
6	3	95.85	35.92	7	65.24	21.30	1	60.32	.	4	57.71	34.12	9	54.91	21.53	.	.	.
7	8	50.44	16.27	9	66.47	50.96	3	56.20	9.98	7	58.39	43.38	10	64.81	45.12	2	38.60	8.22
8	9	39.36	3.19	6	37.15	7.37	1	39.54	.	.	.	.	.	.	.	.	.	.
10	1	268.30	.	7	110.31	57.41	9	151.90	69.27	1	150.30	.	9	106.34	30.55	9	102.41	43.01
11	.	.	.	1	79.78	.	15	71.89	27.98	1	39.14	.	1	170.49	.	17	71.13	27.71
12	8	32.90	6.86	8	35.79	25.38	.	.	.	10	41.90	23.59	10	28.28	7.54	.	.	.
13	11	55.51	20.89	11	51.93	34.38	8	59.72	8.04	.	.	.	1	96.80	.	.	.	.
15	6	200.03	116.78	5	63.10	36.74	2	204.81	188.78	5	354.30	110.91	3	213.53	169.21	1	108.65	.
17	9	129.78	73.75	4	90.12	52.41	2	78.27	42.13	8	138.51	51.78	1	100.94	.	.	.	.
18	4	53.96	16.96	4	70.87	36.38	5	67.99	55.85	3	113.17	113.53	2	61.29	45.62	3	144.81	77.43
19	3	48.41	13.41	6	42.32	9.64	5	62.73	36.09	1	160.49	.	1	68.57	.	2	49.19	6.77
21	6	32.87	10.56	6	42.44	15.89	5	53.90	14.68	11	41.96	12.15	2	36.12	15.63	8	39.91	17.83
22	1	58.61	.	.	.	.	.	.	.	1	265.97	.	5	168.42	133.48	3	78.13	19.93
23	1	63.82	.	2	150.23	78.07	1	80.84	.	6	195.42	56.70	3	143.51	83.48	1	1149.95	.
25	2	33.59	16.60	6	70.30	69.38	.	.	.	2	36.40	1.89	1	28.59	.	1	47.62	.
26	6	126.93	61.23	3	98.06	20.86	1	352.84	.	3	333.30	172.39	3	167.73	98.79	1	158.46	.
Sum/Mean	98	80.55		109	72.85		73	96.47		80	125.29		84	94.60		53	161.01	

**PVT Table 10: Descriptive Statistics by Driver, Time of Day, and Condition
For PVT Response Variables: Distribution Asymmetry**

Driver	No Feedback									Feedback								
	Day			Evening			Night			Day			Evening			Night		
	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD
1	2	0.167	0.013	4	0.177	0.085	5	0.133	0.055	3	0.220	0.057	.	.	.	1	0.138	.
2	3	0.229	0.086	2	0.264	0.023	.	.	.	3	0.227	0.054	8	0.205	0.083	1	0.281	.
4	11	0.160	0.052	9	0.154	0.052	.	.	.	8	0.125	0.038	8	0.127	0.049	.	.	.
5	4	0.247	0.049	9	0.253	0.079	10	0.278	0.065	3	0.249	0.003	7	0.248	0.070	3	0.245	0.042
6	3	0.198	0.043	7	0.209	0.037	1	0.266	.	4	0.197	0.071	9	0.182	0.065	.	.	.
7	8	0.191	0.044	9	0.193	0.051	3	0.221	0.071	7	0.176	0.042	10	0.164	0.040	2	0.119	0.053
8	9	0.250	0.037	6	0.202	0.077	1	0.290	.	.	.	.	.	.	.	.	.	.
10	1	0.225	.	7	0.243	0.055	9	0.254	0.049	1	0.268	.	9	0.247	0.056	9	0.235	0.072
11	.	.	.	1	0.147	.	15	0.224	0.070	1	0.168	.	1	0.302	.	17	0.235	0.061
12	8	0.211	0.067	8	0.179	0.056	.	.	.	10	0.217	0.060	10	0.240	0.069	.	.	.
13	11	0.197	0.076	11	0.196	0.115	8	0.182	0.086	.	.	.	1	0.252	.	.	.	.
15	6	0.253	0.062	5	0.260	0.064	2	0.314	0.078	5	0.341	0.066	3	0.199	0.032	1	0.195	.
17	9	0.230	0.060	4	0.221	0.028	2	0.197	0.003	8	0.228	0.054	1	0.309	.	.	.	.
18	4	0.234	0.083	4	0.209	0.110	5	0.121	0.125	3	0.237	0.054	2	0.178	0.049	3	0.210	0.030
19	3	0.225	0.064	6	0.158	0.090	5	0.097	0.162	1	0.295	.	1	0.202	.	2	0.010	0.028
21	6	0.202	0.060	6	0.219	0.080	5	0.281	0.075	11	0.200	0.088	2	0.184	0.038	8	0.234	0.050
22	1	0.206	.	.	.	.	.	.	.	1	0.141	.	5	0.192	0.043	3	0.137	0.058
23	1	0.168	.	2	0.192	0.001	1	0.174	.	6	0.301	0.036	3	0.203	0.080	1	0.154	.
25	2	0.191	0.100	6	0.221	0.049	.	.	.	2	0.286	0.013	1	0.077	.	1	0.203	.
26	6	0.229	0.072	3	0.234	0.068	1	0.257	.	3	0.279	0.049	3	0.285	0.066	1	0.361	.
Sum/Mean	98	0.211		109	0.207		73	0.219		80	0.231		84	0.211		53	0.197	

Canada Study Phase 1 PVT

PVT Table 11: Descriptive Statistics by Driver, Time of Day, and Condition
For PVT Response Variables: No R for 30s

Driver	No Feedback									Feedback								
	Day			Evening			Night			Day			Evening			Night		
	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD
1	2	0.00	0.00	4	0.00	0.00	5	0.00	0.00	3	0.00	0.00	.	.	.	1	0.00	.
2	3	0.00	0.00	2	0.00	0.00	.	.	.	3	0.00	0.00	8	0.00	0.00	1	0.00	.
4	11	0.00	0.00	9	0.00	0.00	.	.	.	8	0.00	0.00	8	0.00	0.00	.	.	.
5	4	0.00	0.00	9	0.00	0.00	10	0.00	0.00	3	0.00	0.00	7	0.00	0.00	3	0.00	0.00
6	3	0.00	0.00	7	0.00	0.00	1	0.00	.	4	0.00	0.00	9	0.00	0.00	.	.	.
7	8	0.00	0.00	9	0.00	0.00	3	0.00	0.00	7	0.00	0.00	10	0.00	0.00	2	0.00	0.00
8	9	0.00	0.00	6	0.00	0.00	1	0.00	.	.	.	.	.	.	.	.	.	.
10	1	0.00	.	7	0.00	0.00	9	0.00	0.00	1	0.00	.	9	0.00	0.00	9	0.00	0.00
11	.	.	.	1	0.00	.	15	0.00	0.00	1	0.00	.	1	0.00	.	17	0.00	0.00
12	8	0.00	0.00	8	0.00	0.00	.	.	.	10	0.00	0.00	10	0.00	0.00	.	.	.
13	11	0.00	0.00	11	0.00	0.00	8	0.00	0.00	.	.	.	1	0.00	.	.	.	.
15	6	0.00	0.00	5	0.00	0.00	2	0.00	0.00	5	0.00	0.00	3	0.00	0.00	1	0.00	.
17	9	0.00	0.00	4	0.00	0.00	2	0.00	0.00	8	0.00	0.00	1	0.00	.	.	.	.
18	4	0.00	0.00	4	0.00	0.00	5	0.00	0.00	3	0.00	0.00	2	0.00	0.00	3	0.00	0.00
19	3	0.00	0.00	6	0.00	0.00	5	0.00	0.00	1	0.00	.	1	0.00	.	2	0.00	0.00
21	6	0.00	0.00	6	0.00	0.00	5	0.00	0.00	11	0.00	0.00	2	0.00	0.00	8	0.00	0.00
22	1	0.00	.	.	.	.	.	.	.	1	0.00	.	5	0.00	0.00	3	0.00	0.00
23	1	0.00	.	2	0.00	0.00	1	0.00	.	6	0.00	0.00	3	0.00	0.00	1	0.00	.
25	2	0.00	0.00	6	0.00	0.00	.	.	.	2	0.00	0.00	1	0.00	.	1	0.00	.
26	6	0.00	0.00	3	0.00	0.00	1	0.00	.	3	0.00	0.00	3	0.00	0.00	1	0.00	.
Sum/Mean	98	0.00		109	0.00		73	0.00		80	0.00		84	0.00		53	0.00	

Canada Study Phase 1 PVT

**PVT Table 12: Descriptive Statistics by Driver, Time of Day, and Condition
For PVT Response Variables: Post-PVT Sleepiness Rating (VAS)**

Driver	No Feedback									Feedback								
	Day			Evening			Night			Day			Evening			Night		
	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD
1	2	7.00	0.00	4	5.25	6.65	5	10.20	2.49	3	8.33	0.58	.	.	.	1	8.00	.
2	3	8.00	5.29	2	8.50	2.12	.	.	.	3	7.33	6.81	8	6.25	4.43	1	6.00	.
4	11	8.00	4.73	9	9.33	5.61	.	.	.	8	9.88	3.91	8	7.38	2.62	.	.	.
5	4	6.00	0.00	9	5.89	0.78	10	6.00	0.00	3	4.00	3.46	7	3.00	1.41	3	2.33	0.58
6	3	12.00	3.00	7	6.57	4.08	1	6.00	.	4	9.00	0.82	9	7.22	3.11	.	.	.
7	8	4.00	2.33	9	5.67	2.06	3	9.00	0.00	7	4.43	2.51	10	7.10	2.13	2	9.50	0.71
8	9	3.44	1.42	6	6.83	1.72	1	8.00	.	.	.	.	.	.	.	.	.	.
10	1	1.00	.	7	8.57	0.53	9	5.89	0.33	1	6.00	.	9	8.33	2.83	9	6.00	0.00
11	.	.	.	1	5.00	.	15	6.00	1.46	1	5.00	.	1	5.00	.	17	5.29	1.49
12	8	6.38	1.51	8	4.50	2.78	.	.	.	10	6.50	1.27	10	6.50	0.71	.	.	.
13	11	4.82	1.54	11	5.36	1.36	8	8.88	0.99	.	.	.	1	4.00	.	.	.	.
15	6	5.00	2.37	5	7.80	2.77	2	9.00	1.41	5	3.60	1.52	3	5.67	1.53	1	10.00	.
17	9	0.56	0.73	4	3.25	3.77	2	0.00	0.00	8	0.00	0.00	1	0.00	.	.	.	.
18	4	3.25	2.75	4	6.75	0.96	5	6.00	0.71	3	2.33	3.21	2	4.00	2.83	3	3.33	3.06
19	3	7.00	5.20	6	7.67	1.63	5	10.00	0.00	1	6.00	.	1	6.00	.	2	8.00	2.83
21	6	5.67	2.73	6	5.33	2.80	5	6.20	2.77	11	7.36	2.11	2	6.50	0.71	8	5.38	2.83
22	1	8.00	.	.	.	.	.	.	.	1	8.00	.	5	8.00	1.41	3	6.67	0.58
23	1	7.00	.	2	7.50	2.12	1	10.00	.	6	6.67	3.44	3	8.67	1.53	1	10.00	.
25	2	2.50	0.71	6	7.50	2.17	.	.	.	2	1.00	0.00	1	6.00	.	1	10.00	.
26	6	7.83	2.93	3	7.67	1.53	1	10.00	.	3	7.67	4.04	3	6.67	3.51	1	8.00	.
Sum/Mean	98	5.65		109	6.58		73	7.41		80	5.73		84	5.90		53	7.04	

Canada Study Phase 1 PVT

**PVT Table 13: Descriptive Statistics by Driver, Time of Day, and Condition
For PVT Response Variables: Pre-PVT Sleepiness Rating (VAS)**

Driver	No Feedback									Feedback								
	Day			Evening			Night			Day			Evening			Night		
	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD
1	2	10.50	4.95	4	8.00	5.23	5	7.60	3.51	3	6.33	6.81	.	.	.	1	9.00	.
2	3	12.33	2.08	2	7.00	5.66	.	.	.	3	12.00	0.00	8	8.63	5.95	1	0.00	.
4	11	12.55	1.04	9	10.00	5.00	.	.	.	8	13.00	1.20	8	10.38	3.85	.	.	.
5	4	6.25	2.50	9	5.44	2.83	10	5.80	2.66	3	2.33	0.58	7	2.57	0.53	3	2.00	0.00
6	3	6.67	3.21	7	6.29	3.30	1	15.00	.	4	7.00	0.82	9	5.89	3.06	.	.	.
7	8	3.25	1.91	9	5.78	2.11	3	8.67	0.58	7	4.43	2.51	10	6.60	1.78	2	9.50	0.71
8	9	3.00	0.50	6	6.17	1.83	1	8.00	.	.	.	.	.	.	.	.	.	.
10	1	1.00	.	7	8.57	0.53	9	5.89	0.60	1	6.00	.	9	9.00	0.87	9	6.00	0.00
11	.	.	.	1	3.00	.	15	4.53	1.68	1	5.00	.	1	4.00	.	17	4.53	1.18
12	8	3.75	2.05	8	5.00	2.20	.	.	.	10	4.30	2.06	10	4.90	1.60	.	.	.
13	11	4.18	1.33	11	5.18	1.33	8	8.13	0.83	.	.	.	1	4.00	.	.	.	.
15	6	5.17	2.32	5	7.60	2.07	2	9.00	1.41	5	4.00	1.41	3	5.33	2.08	1	1.00	.
17	9	1.00	1.94	4	0.50	0.58	2	0.00	0.00	8	0.00	0.00	1	0.00	.	.	.	.
18	4	2.00	1.63	4	4.75	2.06	5	7.00	1.00	3	1.00	1.00	2	3.00	1.41	3	2.00	1.73
19	3	6.67	4.93	6	7.50	1.52	5	8.60	1.14	1	6.00	.	1	6.00	.	2	8.00	2.83
21	6	5.00	2.28	6	4.67	2.80	5	5.80	2.95	11	6.91	2.17	2	5.00	2.83	8	5.25	2.55
22	1	8.00	.	.	.	.	.	.	.	1	4.00	.	5	6.60	1.34	3	6.33	0.58
23	1	7.00	.	2	8.00	1.41	1	9.00	.	6	7.50	1.05	3	7.67	2.08	1	6.00	.
25	2	2.00	0.00	6	7.83	2.04	.	.	.	2	1.00	0.00	1	6.00	.	1	10.00	.
26	6	6.00	4.15	3	6.33	0.58	1	10.00	.	3	9.00	1.00	3	3.33	2.52	1	6.00	.
Sum/Mean	98	5.60		109	6.19		73	7.53		80	5.54		84	5.49		53	5.40	