

APPENDIX P

RED-LINE AND YELLOW-LINE THRESHOLD RESULTS FOR

SPI-PARTIAL TASKS

Table P.1. Red-line and Yellow-line Thresholds for SPI-partial tasks.

IVIS Tasks			Young Drivers									Middle Age Drivers						Older Drivers						All Drivers											
Presentation Format	Density Level		Red-line Threshold						Yellow-line Threshold			Red-line Threshold						Yellow-line Threshold			Red-line Threshold														
			Task skipped	Threshold exceeded	Total exceeded	Below threshold	Missing data	Total	Minimum speed	Max. steering velocity	Mirror glances	Task skipped	Threshold exceeded	Total exceeded	Below threshold	Missing data	Total	Minimum speed	Max. steering velocity	Mirror glances	Task skipped	Threshold exceeded	Total exceeded	Below threshold	Missing data	Total									
Table	M	# Subj.	0	4	4	8	0	12	X	X	0	0	7	7	5	0	12	X	X	0	1	8	9	3	0	12	X	X	1	1	19	20	16	0	36
		Prop.	.00	.33	.33	.67	.00	1.0				.00	.58	.58	.42	.00	1.0				.08	.67	.75	.25	.00	1.0				.03	.53	.56	.44	.00	1.0
Table	H	# Subj.	1	4	5	7	0	12	1	X	X	5	5	10	2	0	12	X	X	X	7	4	11	1	0	12	7 [#]	7 [#]	7 [#]	13	13	26	10	0	36
		Prop.	.08	.33	.42	.58	.00	1.0				.42	.42	.83	.17	.00	1.0				.58	.33	.92	.08	.00	1.0				.36	.36	.72	.28	.00	1.0
Paragraph	M	# Subj.	2	9	11	1	0	12	2	X	2	1	9	10	2	0	12	X	X	X	5	7	12	0	0	12	5	X	X	8	25	33	3	0	36
		Prop.	.17	.75	.92	.08	.00	1.0				.08	.75	.83	.17	.00	1.0				.42	.58	1.0	.00	.00	1.0				.22	.69	.92	.08	.00	1.0
Paragraph	H	# Subj.	12	0	12	0	0	12	12 [#]	12 [#]	12 [#]	11	1	12	0	0	12	11 [#]	11 [#]	11 [#]	12	0	12	0	0	12	12 [#]	12 [#]	12 [#]	35	1	36	0	0	36
		Prop.	1.0	.00	1.0	.00	.00	1.0				.92	.08	1.0	.00	.00	1.0				1.0	.00	1.0	.00	.00	1.0				.97	.03	1.0	.00	.00	1.0
Graphic Text	M	# Subj.	0	2	2	10	0	12	0	0	X	0	6	6	6	0	12	0	0	0	1	5	6	6	0	12	1	X	1	1	13	14	22	0	36
		Prop.	.00	.17	.17	.83	.00	1.0				.00	.50	.50	.50	.00	1.0				.08	.42	.50	.50	.00	1.0				.03	.36	.39	.61	.00	1.0
Graphic Text	H	# Subj.	0	6	6	6	0	12	0	X	X	1	4	5	7	0	12	1	X	X	6	5	11	1	0	12	6	X	6	7	15	22	14	0	36
		Prop.	.00	.50	.50	.50	.00	1.0				.08	.33	.42	.58	.00	1.0				.50	.42	.92	.08	.00	1.0				.19	.42	.61	.39	.00	1.0
Graphic Text	VH	# Subj.	5	6	11	1	0	12	5	5	5	6	4	10	2	0	12	6	6	6 [#]	12	0	12	0	0	12	12 [#]	12 [#]	12 [#]	23	10	33	3	0	36
		Prop.	.42	.50	.92	.08	.00	1.0				.50	.33	.83	.17	.00	1.0				1.0	.00	1.0	.00	.00	1.0				.64	.28	.92	.08	.00	1.0
Graphic Icon	M	# Subj.	0	0	0	9	3	12	0 [#]	0 [#]	0 [#]	1	1	2	9	1	12	1	X	1	1	4	5	5	2	12	1	X	1	2	5	7	23	6	36
		Prop.	.00	.00	.00	.75	.25	1.0				.08	.08	.17	.75	.08	1.0				.08	.33	.42	.42	.17	1.0				.06	.14	.19	.64	.17	1.0
Graphic Icon	H	# Subj.	0	5	5	6	1	12	0	X	0	0	8	8	4	0	12	0	X	X	5	6	11	1	0	12	5	X	5	5	19	24	11	1	36
		Prop.	.00	.42	.42	.50	.08	1.0				.00	.67	.67	.33	.00	1.0				.42	.50	.92	.08	.00	1.0				.14	.53	.67	.31	.03	1.0
Graphic Icon	VH	# Subj.	3	4	7	5	0	12	3	X	3	4	5	9	2	1	12	4	4	X	11	0	11	1	0	12	11 [#]	11 [#]	11 [#]	18	9	27	8	1	36
		Prop.	.25	.33	.58	.42	.00	1.0				.33	.42	.75	.17	.08	1.0				.92	.00	.92	.08	.00	1.0				.50	.25	.75	.22	.03	1.0

Table P.2. Proportion of drivers from all age groups combined who exceeded the Red-line Threshold for SPI-partial tasks.

IVIS Tasks			Skipped Tasks			Number of Eye Glances					Peak Eye Glance Length					Task Completion Time					Lane Deviations			
Presentation Format	Density Level		Not presented, safety concern	Not presented, below red-line	Skipped by driver	1 - 4 glances	5 - 8 glances	9+ glances	Missing data	Total	Less than or equal to 2.0	2.0 > secs. ≤ 2.5	Greater than 2.5 secs.	Missing data	Total	Greater than 13 secs.	13 > secs. ≤ 20	Greater than 20 secs.	Missing data	Total	No deviations	1+ deviations	Missing data	Total
Table	L	# Subj.	0	8	1	9	9	6	3	36	16	4	4	3	36	17	6	2	2	36	21	4	2	36
		Prop.	0.00	0.22	0.03	0.25	0.25	0.17	0.08	1.00	0.44	0.11	0.11	0.08	1.00	0.47	0.17	0.06	0.06	1.00	0.58	0.11	0.06	1.00
	M	# Subj.	3	0	2	2	11	17	1	36	21	7	2	1	36	9	13	9	0	36	29	2	0	36
		Prop.	0.08	0.00	0.06	0.06	0.31	0.47	0.03	1.00	0.58	0.19	0.06	0.03	1.00	0.25	0.36	0.25	0.00	1.00	0.81	0.06	0.00	1.00
	H	# Subj.	22	0	1	0	3	10	0	36	10	0	3	0	36	2	4	7	0	36	13	0	0	36
		Prop.	0.61	0.00	0.03	0.00	0.08	0.28	0.00	1.00	0.28	0.00	0.08	0.00	1.00	0.06	0.11	0.19	0.00	1.00	0.36	0.00	0.00	1.00
Paragraph	L	# Subj.	0	0	2	2	14	17	1	36	24	5	4	1	36	12	9	13	0	36	33	1	0	36
		Prop.	0.00	0.00	0.06	0.06	0.39	0.47	0.03	1.00	0.67	0.14	0.11	0.03	1.00	0.33	0.25	0.36	0.00	1.00	0.92	0.03	0.00	1.00
	M	# Subj.	10	0	5	0	1	19	1	36	10	6	4	1	36	1	4	16	0	36	16	5	0	36
		Prop.	0.28	0.00	0.14	0.00	0.03	0.53	0.03	1.00	0.28	0.17	0.11	0.03	1.00	0.03	0.11	0.44	0.00	1.00	0.44	0.14	0.00	1.00
	H	# Subj.	33	0	3	0	0	0	0	36	0	0	0	0	36	0	0	0	0	36	0	0	0	36
		Prop.	0.92	0.00	0.08	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
Graphic Text	M	# Subj.	0	4	1	7	11	10	3	36	19	5	4	3	36	20	6	3	2	36	28	1	2	36
		Prop.	0.00	0.11	0.03	0.19	0.31	0.28	0.08	1.00	0.53	0.14	0.11	0.08	1.00	0.56	0.17	0.08	0.06	1.00	0.78	0.03	0.06	1.00
	H	# Subj.	5	0	3	1	8	17	2	36	21	4	1	2	36	8	7	12	1	36	25	2	1	36
		Prop.	0.14	0.00	0.08	0.03	0.22	0.47	0.06	1.00	0.58	0.11	0.03	0.06	1.00	0.22	0.19	0.33	0.03	1.00	0.69	0.06	0.03	1.00
	VH	# Subj.	26	0	3	0	5	2	0	36	5	1	1	0	36	5	1	1	0	36	6	1	0	36
		Prop.	0.72	0.00	0.08	0.00	0.14	0.06	0.00	1.00	0.14	0.03	0.03	0.00	1.00	0.14	0.03	0.03	0.00	1.00	0.17	0.03	0.00	1.00
Graphic Icon	L	# Subj.	0	0	1	15	13	5	2	36	30	3	0	2	36	27	4	4	0	36	33	2	0	36
		Prop.	0.00	0.00	0.03	0.42	0.36	0.14	0.06	1.00	0.83	0.08	0.00	0.06	1.00	0.75	0.11	0.11	0.00	1.00	0.92	0.06	0.00	1.00
	(5X2)	# Subj.	1	0	1	16	10	7	1	36	25	5	3	1	36	22	5	7	0	36	34	0	0	36
		Prop.	0.03	0.00	0.03	0.44	0.28	0.19	0.03	1.00	0.69	0.14	0.08	0.03	1.00	0.61	0.14	0.19	0.00	1.00	0.94	0.00	0.00	1.00
	M	# Subj.	0	5	1	7	10	9	4	36	18	4	4	4	36	15	7	5	3	36	26	1	3	36
		Prop.	0.00	0.14	0.03	0.19	0.28	0.25	0.11	1.00	0.50	0.11	0.11	0.11	1.00	0.42	0.19	0.14	0.08	1.00	0.72	0.03	0.08	1.00
	H	# Subj.	4	0	2	3	8	18	1	36	22	4	3	1	36	6	9	15	0	36	21	9	0	36
		Prop.	0.11	0.00	0.06	0.08	0.22	0.50	0.03	1.00	0.61	0.11	0.08	0.03	1.00	0.17	0.25	0.42	0.00	1.00	0.58	0.25	0.00	1.00

Table P.3. Proportion of younger drivers who exceeded the Red-line Threshold for SPI-partial tasks.

IVIS Tasks			Skipped Tasks			Number of Eye Glances					Peak Eye Glance Length					Task Completion Time					Lane Deviations			
Presentation Format	Density Level		Not presented, safety concerned	Not presented, below red-line	Skipped by driver	1 - 4 glances	5 - 8 glances	9+ glances	Missing data	Total	Less than or equal to 2.0	2.0 > secs. ≤ 2.5	Greater than 2.5 secs.	Missing data	Total	Greater than 13 secs.	13 > secs. ≤ 20	Greater than 20 secs.	Missing data	Total	No deviations	1+ deviations	Missing data	Total
Table	L	# Subj.	0	4	0	3	3	0	2	12	5	1	0	2	12	6	0	0	2	12	6	0	2	12
		Prop.	0.00	0.33	0.00	0.25	0.25	0.00	0.17	1.00	0.42	0.08	0.00	0.17	1.00	0.50	0.00	0.00	0.17	1.00	0.50	0.00	0.17	1.00
	M	# Subj.	0	0	0	2	2	8	0	12	9	2	1	0	12	3	7	2	0	12	12	0	0	12
		Prop.	0.00	0.00	0.00	0.17	0.17	0.67	0.00	1.00	0.75	0.17	0.08	0.00	1.00	0.25	0.58	0.17	0.00	1.00	1.00	0.00	0.00	1.00
	H	# Subj.	5	0	0	0	1	6	0	12	7	0	0	0	12	0	3	4	0	12	7	0	0	12
		Prop.	0.42	0.00	0.00	0.00	0.08	0.50	0.00	1.00	0.58	0.00	0.00	0.00	1.00	0.00	0.25	0.33	0.00	1.00	0.58	0.00	0.00	1.00
Paragraph	L	# Subj.	0	0	0	1	5	6	0	12	9	1	2	0	12	5	3	4	0	12	12	0	0	12
		Prop.	0.00	0.00	0.00	0.08	0.42	0.50	0.00	1.00	0.75	0.08	0.17	0.00	1.00	0.42	0.25	0.33	0.00	1.00	1.00	0.00	0.00	1.00
	M	# Subj.	0	0	2	0	0	10	0	12	8	1	1	0	12	0	2	8	0	12	9	1	0	12
		Prop.	0.00	0.00	0.17	0.00	0.00	0.83	0.00	1.00	0.67	0.08	0.08	0.00	1.00	0.00	0.17	0.67	0.00	1.00	0.75	0.08	0.00	1.00
	H	# Subj.	12	0	0	0	0	0	0	12	0	0	0	0	12	0	0	0	0	12	0	0	0	12
		Prop.	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
Graphic Text	M	# Subj.	0	3	0	4	3	1	1	12	5	3	0	1	12	8	0	0	1	12	8	0	1	12
		Prop.	0.00	0.25	0.00	0.33	0.25	0.08	0.08	1.00	0.42	0.25	0.00	0.08	1.00	0.67	0.00	0.00	0.08	1.00	0.67	0.00	0.08	1.00
	H	# Subj.	0	0	0	0	5	7	0	12	11	1	0	0	12	4	3	5	0	12	10	2	0	12
		Prop.	0.00	0.00	0.00	0.00	0.42	0.58	0.00	1.00	0.92	0.08	0.00	0.00	1.00	0.33	0.25	0.42	0.00	1.00	0.83	0.17	0.00	1.00
	VH	# Subj.	6	0	1	0	3	2	0	12	4	1	0	0	12	3	1	1	0	12	4	1	0	12
		Prop.	0.50	0.00	0.08	0.00	0.25	0.17	0.00	1.00	0.33	0.08	0.00	0.00	1.00	0.25	0.08	0.08	0.00	1.00	0.33	0.08	0.00	1.00
Graphic Icon	L	# Subj.	0	0	0	8	2	1	1	12	11	0	0	1	12	11	1	0	0	12	12	0	0	12
		Prop.	0.00	0.00	0.00	0.67	0.17	0.08	0.08	1.00	0.92	0.00	0.00	0.08	1.00	0.92	0.08	0.00	0.00	1.00	1.00	0.00	0.00	1.00
	(5x2)	# Subj.	0	0	0	8	2	2	0	12	9	3	0	0	12	9	2	1	0	12	12	0	0	12
		Prop.	0.00	0.00	0.00	0.67	0.17	0.17	0.00	1.00	0.75	0.25	0.00	0.00	1.00	0.75	0.17	0.08	0.00	1.00	1.00	0.00	0.00	1.00
	M	# Subj.	0	4	0	2	5	0	1	12	6	0	1	1	12	6	1	0	1	12	7	0	1	12
		Prop.	0.00	0.33	0.00	0.17	0.42	0.00	0.08	1.00	0.50	0.00	0.08	0.08	1.00	0.50	0.08	0.00	0.08	1.00	0.58	0.00	0.08	1.00
	H	# Subj.	0	0	0	1	5	6	0	12	10	2	0	0	12	3	4	5	0	12	9	3	0	12
		Prop.	0.00	0.00	0.00	0.08	0.42	0.50	0.00	1.00	0.83	0.17	0.00	0.00	1.00	0.25	0.33	0.42	0.00	1.00	0.75	0.25	0.00	1.00
	VH	# Subj.	5	0	0	0	4	3	0	12	3	3	1	0	12	2	3	2	0	12	7	0	0	12
		Prop.	0.42	0.00	0.00	0.00	0.33	0.25	0.00	1.00	0.25	0.25	0.08	0.00	1.00	0.17	0.25	0.17	0.00	1.00	0.58	0.00	0.00	1.00

Table P.4. Proportion of middle age drivers who exceeded the Red-line Threshold for SPI-partial tasks.

IVIS Tasks			Skipped Tasks			Number of Eye Glances					Peak Eye Glance Length					Task Completion Time					Lane Deviations			
Presentation Format	Density Level		Not presented, safety concern	Not presented, below red-line	Skipped by driver	1 - 4 glances	5 - 8 glances	9+ glances	Missing data	Total	Less than or equal to 2.0	2.0 > secs. ≤ 2.5	Greater than 2.5 secs.	Missing data	Total	Greater than 13 secs.	13 > secs. ≤ 20	Greater than 20 secs.	Missing data	Total	No deviations	1+ deviations	Missing data	Total
Table	L	# Sub.	0	4	0	5	1	1	1	12	4	0	3	1	12	8	0	0	0	12	8	0	0	12
		Prop.	0.00	0.33	0.00	0.42	0.08	0.08	0.08	1.00	0.33	0.00	0.25	0.08	1.00	0.67	0.00	0.00	0.00	1.00	0.67	0.00	0.00	1.00
	M	# Sub.	0	0	0	0	7	4	1	12	7	4	0	1	12	4	4	4	0	12	11	1	0	12
		Prop.	0.00	0.00	0.00	0.00	0.58	0.33	0.08	1.00	0.58	0.33	0.00	0.08	1.00	0.33	0.33	0.33	0.00	1.00	0.92	0.08	0.00	1.00
	H	# Sub.	6	0	0	0	2	4	0	12	3	0	3	0	12	2	1	3	0	12	6	0	0	12
		Prop.	0.50	0.00	0.00	0.00	0.17	0.33	0.00	1.00	0.25	0.00	0.25	0.00	1.00	0.17	0.08	0.25	0.00	1.00	0.50	0.00	0.00	1.00
Paragraph	L	# Sub.	0	0	0	1	5	5	1	12	8	1	2	1	12	5	3	4	0	12	12	0	0	12
		Prop.	0.00	0.00	0.00	0.08	0.42	0.42	0.08	1.00	0.67	0.08	0.17	0.08	1.00	0.42	0.25	0.33	0.00	1.00	1.00	0.00	0.00	1.00
	M	# Sub.	3	0	1	0	1	6	1	12	1	5	1	1	12	1	1	6	0	12	5	3	0	12
		Prop.	0.25	0.00	0.08	0.00	0.08	0.50	0.08	1.00	0.08	0.42	0.08	0.08	1.00	0.08	0.08	0.50	0.00	1.00	0.42	0.25	0.00	1.00
	H	# Sub.	10	0	2	0	0	0	0	12	0	0	0	0	12	0	0	0	0	12	0	0	0	12
		Prop.	0.83	0.00	0.17	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
Graphic Text	M	# Sub.	0	1	0	3	3	3	2	12	5	1	3	2	12	7	2	1	1	12	10	0	1	12
		Prop.	0.00	0.08	0.00	0.25	0.25	0.25	0.17	1.00	0.42	0.08	0.25	0.17	1.00	0.58	0.17	0.08	0.08	1.00	0.83	0.00	0.08	1.00
	H	# Sub.	0	0	1	1	1	7	2	12	8	0	1	2	12	2	3	5	1	12	10	0	1	12
		Prop.	0.00	0.00	0.08	0.08	0.08	0.58	0.17	1.00	0.67	0.00	0.08	0.17	1.00	0.17	0.25	0.42	0.08	1.00	0.83	0.00	0.08	1.00
	VH	# Sub.	10	0	0	0	2	0	0	12	1	0	1	0	12	2	0	0	0	12	2	0	0	12
		Prop.	0.83	0.00	0.00	0.00	0.17	0.00	0.00	1.00	0.08	0.00	0.08	0.00	1.00	0.17	0.00	0.00	0.00	1.00	0.17	0.00	0.00	1.00
Graphic Icon	L	# Sub.	0	0	0	6	3	2	1	12	9	2	0	1	12	9	2	1	0	12	11	1	0	12
		Prop.	0.00	0.00	0.00	0.50	0.25	0.17	0.08	1.00	0.75	0.17	0.00	0.08	1.00	0.75	0.17	0.08	0.00	1.00	0.92	0.08	0.00	1.00
	(5X2)	# Sub.	0	0	0	4	6	1	1	12	9	2	0	1	12	9	2	1	0	12	12	0	0	12
		Prop.	0.00	0.00	0.00	0.33	0.50	0.08	0.08	1.00	0.75	0.17	0.00	0.08	1.00	0.75	0.17	0.08	0.00	1.00	1.00	0.00	0.00	1.00
	M	# Sub.	0	1	0	5	0	3	3	12	5	2	1	3	12	6	1	2	2	12	9	0	2	12
		Prop.	0.00	0.08	0.00	0.42	0.00	0.25	0.25	1.00	0.42	0.17	0.08	0.25	1.00	0.50	0.08	0.17	0.17	1.00	0.75	0.00	0.17	1.00
	H	# Sub.	0	0	0	2	3	6	1	12	7	2	2	1	12	3	4	5	0	12	8	4	0	12
		Prop.	0.00	0.00	0.00	0.17	0.25	0.50	0.08	1.00	0.58	0.17	0.17	0.08	1.00	0.25	0.33	0.42	0.00	1.00	0.67	0.33	0.00	1.00
	VH	# Sub.	8	0	0	1	1	2	0	12	4	0	0	0	12	1	2	1	0	12	4	0	0	12
		Prop.	0.67	0.00	0.00	0.08	0.08	0.17	0.00	1.00	0.33	0.00	0.00	0.00	1.00	0.08	0.17	0.08	0.00	1.00	0.33	0.00	0.00	1.00

Table P.5. Proportion of older drivers who exceeded the Red-line Threshold for SPI-partial tasks.

IVIS Tasks			Skipped Tasks			Number of Eye Glances					Peak Eye Glance Length					Task Completion Time					Lane Deviations			
Presentation Format	Density Level		Not presented, safety concern	Not presented, below red-line	Skipped by driver	1 - 4 glances	5 - 8 glances	9+ glances	Missing data	Total	Less than or equal to 2.0	2.0 > secs. ≤ 2.5	Greater than 2.5 secs.	Missing data	Total	Greater than 13 secs.	13 > secs. ≤ 20	Greater than 20 secs.	Missing data	Total	No deviations	1+ deviations	Missing data	Total
Table	L	# Subj.	0	0	1	1	5	5	0	12	7	3	1	0	12	3	6	2	0	12	7	4	0	12
		Prop.	0.00	0.00	0.08	0.08	0.42	0.42	0.00	1.00	0.58	0.25	0.08	0.00	1.00	0.25	0.50	0.17	0.00	1.00	0.58	0.33	0.00	1.00
	M	# Subj.	3	0	2	0	2	5	0	12	5	1	1	0	12	2	2	3	0	12	6	1	0	12
		Prop.	0.25	0.00	0.17	0.00	0.17	0.42	0.00	1.00	0.42	0.08	0.08	0.00	1.00	0.17	0.17	0.25	0.00	1.00	0.50	0.08	0.00	1.00
	H	# Subj.	11	0	1	0	0	0	0	12	0	0	0	0	12	0	0	0	0	12	0	0	0	12
		Prop.	0.92	0.00	0.08	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
Paragraph	L	# Subj.	0	0	2	0	4	6	0	12	7	3	0	0	12	2	3	5	0	12	9	1	0	12
		Prop.	0.00	0.00	0.17	0.00	0.33	0.50	0.00	1.00	0.58	0.25	0.00	0.00	1.00	0.17	0.25	0.42	0.00	1.00	0.75	0.08	0.00	1.00
	M	# Subj.	7	0	2	0	0	3	0	12	1	0	2	0	12	0	1	2	0	12	2	1	0	12
		Prop.	0.58	0.00	0.17	0.00	0.00	0.25	0.00	1.00	0.08	0.00	0.17	0.00	1.00	0.00	0.08	0.17	0.00	1.00	0.17	0.08	0.00	1.00
	H	# Subj.	11	0	1	0	0	0	0	12	0	0	0	0	12	0	0	0	0	12	0	0	0	12
		Prop.	0.92	0.00	0.08	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
Graphic Text	M	# Subj.	0	0	1	0	5	6	0	12	9	1	1	0	12	5	4	2	0	12	10	1	0	12
		Prop.	0.00	0.00	0.08	0.00	0.42	0.50	0.00	1.00	0.75	0.08	0.08	0.00	1.00	0.42	0.33	0.17	0.00	1.00	0.83	0.08	0.00	1.00
	H	# Subj.	5	0	2	0	2	3	0	12	2	3	0	0	12	2	1	2	0	12	5	0	0	12
		Prop.	0.42	0.00	0.17	0.00	0.17	0.25	0.00	1.00	0.17	0.25	0.00	0.00	1.00	0.17	0.08	0.17	0.00	1.00	0.42	0.00	0.00	1.00
	VH	# Subj.	10	0	2	0	0	0	0	12	0	0	0	0	12	0	0	0	0	12	0	0	0	12
		Prop.	0.83	0.00	0.17	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
Graphic Icon	L	# Subj.	0	0	1	1	8	2	0	12	10	1	0	0	12	7	1	3	0	12	10	1	0	12
		Prop.	0.00	0.00	0.08	0.08	0.67	0.17	0.00	1.00	0.83	0.08	0.00	0.00	1.00	0.58	0.08	0.25	0.00	1.00	0.83	0.08	0.00	1.00
	(5x2)	# Subj.	1	0	1	4	2	4	0	12	7	0	3	0	12	4	1	5	0	12	10	0	0	12
		Prop.	0.08	0.00	0.08	0.33	0.17	0.33	0.00	1.00	0.58	0.00	0.25	0.00	1.00	0.33	0.08	0.42	0.00	1.00	0.83	0.00	0.00	1.00
	M	# Subj.	0	0	1	0	5	6	0	12	7	2	2	0	12	3	5	3	0	12	10	1	0	12
		Prop.	0.00	0.00	0.08	0.00	0.42	0.50	0.00	1.00	0.58	0.17	0.17	0.00	1.00	0.25	0.42	0.25	0.00	1.00	0.83	0.08	0.00	1.00
	H	# Subj.	4	0	2	0	0	6	0	12	5	0	1	0	12	0	1	5	0	12	4	2	0	12
		Prop.	0.33	0.00	0.17	0.00	0.00	0.50	0.00	1.00	0.42	0.00	0.08	0.00	1.00	0.00	0.08	0.42	0.00	1.00	0.33	0.17	0.00	1.00
	VH	# Subj.	10	0	1	0	0	1	0	12	1	0	0	0	12	0	0	1	0	12	1	0	0	12
		Prop.	0.83	0.00	0.08	0.00	0.00	0.08	0.00	1.00	0.08	0.00	0.00	0.00	1.00	0.00	0.00	0.08	0.00	1.00	0.08	0.00	0.00	1.00

Table P.6. Paired T value results for Yellow-line Thresholds for SPI-partial, paragraph format tasks.

		Variable	N	Mean	Std. Error	T value	P value
Medium (3x3)	Young	MNSPEED	10	2.22	1.47	1.51	0.16
		MXSTER	10	-11.93	3.13	-3.82	0.00
		NMIRROR	10	1.18	0.74	1.59	0.15
	Middle Age	MNSPEED	11	4.89	1.76	2.78	0.02
		MXSTER	11	-12.36	3.40	-3.64	0.00
		NMIRROR	10	1.50	0.43	3.46	0.01
	Older	MNSPEED	7	3.24	2.89	1.12	0.31
		MXSTER	7	-12.61	1.91	-6.59	0.00
		NMIRROR	7	1.31	0.48	2.72	0.03
High (5x4)	Young	MNSPEED	0	.	.	.	.
		MXSTER	0	.	.	.	.
		NMIRROR	0	.	.	.	.
	Middle Age	MNSPEED	1	.	.	.	.
		MXSTER	1	.	.	.	.
		NMIRROR	1	.	.	.	.
	Older	MNSPEED	0	.	.	.	.
		MXSTER	0	.	.	.	.
		NMIRROR	0	.	.	.	.

Table P.7. Paired T value results for Yellow-line Thresholds for SPI-partial, table format tasks.

		Variable	N	Mean	Std. Error	T value	P value
Medium (3x3)	Young	MNSPEED	11	4.39	1.77	2.48	0.03
		MXSTER	11	-8.44	3.10	-2.72	0.02
		NMIRROR	11	0.86	0.43	2.01	0.07
	Middle Age	MNSPEED	12	3.10	1.18	2.63	0.02
		MXSTER	12	-8.76	2.61	-3.36	0.01
		NMIRROR	11	0.70	0.38	1.88	0.09
	Older	MNSPEED	11	5.17	1.20	4.31	0.00
		MXSTER	11	-10.78	3.62	-2.98	0.01
		NMIRROR	11	0.84	0.55	1.51	0.16
High (5x4)	Young	MNSPEED	11	0.96	1.31	0.73	0.48
		MXSTER	11	-4.39	1.91	-2.30	0.04
		NMIRROR	11	0.93	0.31	3.00	0.01
	Middle Age	MNSPEED	7	4.46	1.47	3.04	0.02
		MXSTER	7	-14.79	4.06	-3.64	0.01
		NMIRROR	7	2.04	0.82	2.50	0.05
	Older	MNSPEED	5	.	.	.	.
		MXSTER	5	.	.	.	.
		NMIRROR	5	.	.	.	.

Table P.8. Paired T value results for Yellow-line Thresholds for SPI-partial, graphic text format tasks.

		Variable	N	Mean	Std. Error	T value	P value
Medium (3x3)	Young	MNSPEED	7	-0.49	1.61	-0.30	0.77
		MXSTER	7	-7.39	4.27	-1.73	0.13
		NMIRROR	7	1.04	0.34	3.06	0.02
	Middle Age	MNSPEED	10	-0.12	1.15	-0.10	0.92
		MXSTER	10	-2.03	1.30	-1.56	0.15
		NMIRROR	10	0.55	0.40	1.38	0.20
	Older	MNSPEED	11	-2.16	1.42	-1.51	0.16
		MXSTER	11	-10.06	2.88	-3.49	0.01
		NMIRROR	11	0.84	0.57	1.47	0.17
High (5x4)	Young	MNSPEED	12	1.35	1.20	1.13	0.28
		MXSTER	12	-10.44	2.75	-3.80	0.00
		NMIRROR	12	1.15	0.39	2.95	0.01
	Middle Age	MNSPEED	11	3.64	1.78	2.04	0.07
		MXSTER	11	-12.14	4.27	-2.84	0.02
		NMIRROR	10	1.58	0.55	2.88	0.02
	Older	MNSPEED	6	1.27	1.50	0.85	0.44
		MXSTER	6	-18.59	5.89	-3.16	0.03
		NMIRROR	6	1.58	0.65	2.43	0.06
Very High (5x6)	Young	MNSPEED	7	0.33	1.69	0.19	0.85
		MXSTER	7	-5.55	3.30	-1.68	0.14
		NMIRROR	7	0.54	0.36	1.49	0.19
	Middle Age	MNSPEED	6	-1.11	1.58	-0.70	0.51
		MXSTER	6	-3.26	3.54	-0.92	0.40
		NMIRROR	5	.	.	.	.
	Older	MNSPEED	0	.	.	.	.
		MXSTER	0	.	.	.	.
		NMIRROR	0	.	.	.	.

Table P.9. Paired T value results for Yellow-line Thresholds for SPI-partial, graphic icon format tasks.

		Variable	N	Mean	Std. Error	T value	P value
Medium (3x3)	Young	MNSPEED	3	.	.	.	.
		MXSTER	3	.	.	.	.
		NMIRROR	3	.	.	.	.
	Middle Age	MNSPEED	8	-0.82	0.87	-0.94	0.38
		MXSTER	8	-10.27	2.63	-3.90	0.01
		NMIRROR	8	0.25	0.32	0.77	0.47
	Older	MNSPEED	9	1.53	1.24	1.24	0.25
		MXSTER	9	-8.41	2.68	-3.14	0.01
		NMIRROR	9	0.92	0.42	2.20	0.06
High (5x4)	Young	MNSPEED	10	0.52	1.56	0.33	0.75
		MXSTER	10	-6.54	2.06	-3.18	0.01
		NMIRROR	10	0.25	0.27	0.94	0.37
	Middle Age	MNSPEED	12	3.73	1.81	2.06	0.06
		MXSTER	12	-9.99	3.35	-2.98	0.01
		NMIRROR	11	1.59	0.53	2.99	0.01
	Older	MNSPEED	7	1.55	1.38	1.12	0.31
		MXSTER	7	-18.94	3.11	-6.10	0.00
		NMIRROR	7	0.14	1.89	0.08	0.94
Very High (5x6)	Young	MNSPEED	9	2.09	1.52	1.38	0.20
		MXSTER	9	-8.09	3.30	-2.45	0.04
		NMIRROR	9	0.81	0.86	0.94	0.38
	Middle Age	MNSPEED	7	1.22	2.38	0.51	0.63
		MXSTER	7	-8.46	3.52	-2.41	0.05
		NMIRROR	6	1.29	0.35	3.69	0.01
	Older	MNSPEED	1	.	.	.	.
		MXSTER	1	.	.	.	.
		NMIRROR	1	.	.	.	.