

APPENDIX D (continued)

Sex: Female
Education: 7-8 years
Age: 20-34 years
Race: Caucasian

Scaled score	Summary scores			Executive functions					Attention/Working memory						Scaled score
	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	100		100	89	93	90	81	83	91						19
18	98	100	96	85	88	86	77	79	87	80				80	18
17	94	98	91	81	84	82	74	75			84				17
16	89	94	86	77	79	78	70	71	80		80				16
15	85	90	80	73	75	75	66	66	76	70	76	73	69	69	15
14	81	85	75	69	70	71	63	62	72	67	73		66		14
13	77	81	70	65	66	67	59	58	68	64	69	66		61	13
12	72	77	64	61	61	63	56	54	64		65	63	59	57	12
11	68	72	59	57	57	59	52	49	60	57	61	59		53	11
10	64	68	53	52	53	56	48	45	56	54	57	56	53	49	10
9	60	64	48	48	48	52	45	41		51	53	53	50	45	9
8	55	59	43	44	44	48	41	37	48	48	50	49	47	41	8
7	51	55	37	40	39	44	38	32	44		46	46	44	37	7
6	47	51	32	36	35	40	34	28	40	41	42	42	41	33	6
5	43	47	27	32	30	37	30	24	37	38	38	39	37	29	5
4	38	42	21	28	26	33	27	19	33		34	35	34	25	4
3	34	38	16	24	21	29	23	15	29	32	30	32	31	21	3
2	30	34	11	20	17	25	20	11	25		27	28	28	17	2
1	26	29	5	16	13	21	16	7		25	23	25	25	14	1
0		25	0	12				2		22	19	22	22		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	93		93		95		85		100								19
18	89	90	88	78			81		99								18
17	85	86	84	74	87		77		94	96				88	83		17
16	81	82	79	70	83	78	73		90	91		81		84	79	83	16
15	77	77	75	66	79	74	69		86	87				80	76		15
14	73	73	70	61	75	70	65		82	82		73		77	72	75	14
13	69	69	66	57	71	66	61		78	77	72	69		73	68	71	13
12	65	64	61	53	67	62	57		74	73			63	69	65	67	12
11	61	60	57	49	64	58	53	64	69	68	64	61		66	61	63	11
10	57	56	53	45	60	54	49		65	64	59	57		62	57	59	10
9	53	51	48	41	56	49	45	52	61	59	55	53	48	58	54	56	9
8	49	47	44	37	52	45	40		57	55	51	49		55	50	52	8
7	45	43	39	33	48	41	36	41	53	50	47	45	39	51	46	48	7
6	41	38	35	29	44	37	32		49	46	43	41		47	43	44	6
5	37	34	30	25	40	33	28	29	45	41	38	37	29	44	39	40	5
4	33	30	26	21	36	29	24		40	37	34	33		40	35	36	4
3	30	25	22		32	25	20	17	36	32	30	29	20	36	32		3
2	26	21	17		28	21	16	12	32	27	26	25	15	33			2
1	22	16	13		24	17	12	6	28	23	21	22	10				1
0		12				13	8	0		18	17				21	20	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 7-8 years
Age: 20-34 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	92		87		85		80				81	91	89	86		19
18	87	92	83				76				77	87	85	82		18
17	83	88	79		76		71			79		83		78		17
16	79	83	75			68	67	66	73			79	76	75		16
15	74	79	71		67		63	62			66					15
14	70	74	67	63	62	60	59	58	64		62	70	68	67		14
13	66	70	63		58		55	55		63		66	64	63	59	13
12	62	65	59	56	53	52	51	51	55		54	62	60		55	12
11	57	61	55	53	48	48	47	47	50	55	50	57	56	56	52	11
10	53	56	50	49	44	44	43	43	46		46	53	52	52	48	10
9	49	52	46	46	39	40	38	40	41	47	42	49	48	49	45	9
8	45	47	42	43	35	36	34	36	37		38	45	44	45	41	8
7	40	43	38	39	30	32	30	32	32	39	34	40	40	41	38	7
6	36	38	34	36		28	26	28	28	35		36	36	37	34	6
5	32	34	30	32	21	24	22	24	23	31	27	32	32	34	31	5
4	27	29	26	29		20	18	21	19	27		28	28	30	27	4
3	23	25	22	25	12	16	14		14	23		23	24	26	24	3
2	19	20	18	22	7	12	10	13	10	19		19	20	22	20	2
1	15		14	18	3	8	5	9	5	15				19		1
0				15		4	1	6								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons														Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L	
19	100	97	100	100	83	82	83	85	85				94	93	19
18	96	93	100	96	79	78	79	81	80				90	90	18
17	92	89	94	92	75	74	75	77	76				87	86	17
16	88	85	89	87	71	70	71	73	71				83	82	16
15	83	80	84	82	66	66	67	69	67			63	80	79	15
14	79	76	79	77	62	62	63	64	63	61			76	75	14
13	75	72	74	72	58	58	59	60	58		57	57	73	72	13
12	71	68	69	67	54	54	55	56	54	53			69	68	12
11	67	64	64	62	49	50	50	52	49		50	50	66	65	11
10	63	60	59	57	45	46	46	47	45	46	46	47	62	61	10
9	58	56	54	52	41	42	42	43	41	42	42	43	59	58	9
8	54	52	49	47	37	38	38	39	36	38	38	40	55	54	8
7	50	48	43	42	32	34	34	35	32	34	34	37	52	51	7
6	46	44	38	37	28	30	30	31	28	31	30	34	48	47	6
5	42	40	33	32	24	26	26	26	23	27	26	30	45	44	5
4	37	36	28	27	20	22	22	22	19	23	22	27	41	40	4
3	33	32	23	22	15	18	18	18	14	19	18	24	38	37	3
2	29	27	18	17	11	14	13	14	10	16	14	20	34	33	2
1	25	23	13	12	7	10	9	10	6	12	10	17	31	30	1
0	21	19	8	7	3	6		5							0

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 7-8 years
Age: 35-39 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	100		100	92	95	91	82	86	91						19
18	96	100	100	88	90	88	78	82	87	81				81	18
17	92	96	95	84	86	84	75	78			86				17
16	88	92	89	80	82	80	71	73	80		82				16
15	83	88	84	76	77	76	68	69	76	71	78	75	70	70	15
14	79	83	78	72	73	72	64	65	72	68	74		67		14
13	75	79	73	68	68	69	60	61	68	65	71	68		62	13
12	71	75	68	64	64	65	57	56	64		67	64	60	58	12
11	66	70	62	60	59	61	53	52	60	58	63	61		54	11
10	62	66	57	56	55	57	50	48	56	55	59	57	54	50	10
9	58	62	52	52	50	53	46	44		52	55	54	51	46	9
8	54	57	46	48	46	50	43	39	48	49	51	51	48	42	8
7	50	53	41	44	41	46	39	35	44		48	47	45	38	7
6	45	49	36	40	37	42	35	31	40	42	44	44	42	34	6
5	41	44	30	36	33	38	32	27	37	39	40	40	39	30	5
4	37	40	25	32	28	35	28	22	33		36	37	36	26	4
3	33	36	19	28	24	31	25	18	29	33	32	33	32	22	3
2	28	31	14	24	19	27	21	14	25		28	30	29	18	2
1	24	27	9	20	15	23	17	9		26	25	26	26	15	1
0		23	3	16				5		23	21	23	23		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	97		96		97		87		100								19
18	93	90	91	79			83		97								18
17	89	85	87	75	89		79		93	96				87	84		17
16	85	81	83	71	85	81	75		89	91		79		84	80	83	16
15	81	77	78	67	81	77	71		85	87				80	76		15
14	77	72	74	63	77	72	67		81	82		71		76	73	75	14
13	73	68	69	58	73	68	62		76	77	72	67		73	69	71	13
12	69	63	65	54	69	64	58		72	73			63	69	65	67	12
11	65	59	60	50	65	60	54	64	68	68	64	59		65	62	63	11
10	61	55	56	46	61	56	50		64	64	60	55		62	58	59	10
9	57	50	51	42	57	52	46	53	60	59	56	51	49	58	54	55	9
8	53	46	47	38	53	48	42		56	55	51	47		54	51	51	8
7	49	42	43	34	50	44	38	41	52	50	47	43	39	51	47	47	7
6	45	37	38	30	46	40	34		47	46	43	39		47	43	43	6
5	41	33	34	26	42	36	30	30	43	41	39	35	29	43	40	39	5
4	37	29	29	22	38	31	26		39	37	35	31		40	36	35	4
3	33	24	25		34	27	22	18	35	32	30	27	20	36	32		3
2	29	20	20		30	23	17	12	31	27	26	23	15	32			2
1	25	16	16		26	19	13	7	27	23	22	20	10				1
0		11				15	9	1		18	18				21	20	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 7-8 years
Age: 35-39 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	93		88		86		81				84	94	92	87		19
18	89	95	84				77				80	90	88	83		18
17	85	90	80		77		73			80		86		79		17
16	81	86	75			69	69	67	74			82	80	76		16
15	76	81	71		68		64	63			69					15
14	72	77	67	64	63	61	60	60	65		65	73	72	68		14
13	68	72	63		58		56	56		64		69	68	64	59	13
12	63	67	59	57	54	53	52	52	56		57	65	64		56	12
11	59	63	55	53	49	49	48	48	51	56	53	60	59	57	52	11
10	55	58	51	50	45	45	44	44	47		49	56	55	53	49	10
9	51	54	47	46	40	41	40	41	42	48	45	52	51	50	45	9
8	46	49	43	43	36	37	36	37	38		42	48	47	46	42	8
7	42	45	39	39	31	33	31	33	33	40	38	43	43	42	38	7
6	38	40	35	36		29	27	29	29	36		39	39	38	35	6
5	34	36	31	32	22	25	23	26	24	32	30	35	35	35	31	5
4	29	31	27	29		21	19	22	20	28		31	31	31	27	4
3	25	27	23	25	13	17	15		16	24		27	27	27	24	3
2	21	22	19	22	8	13	11	14	11	20		22	23	23	20	2
1	16		15	19	4	9	7	10	7	16				20		1
0				15		5	3	7								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	97	100	100	86	85	85	88	87				94	93	19	
18	97	93	99	96	82	81	81	84	83				90	90	18	
17	93	89	93	91	78	77	76	79	78				87	86	17	
16	88	85	88	86	74	73	72	75	74				83	83	16	
15	84	81	83	81	69	69	68	71	70			64	80	79	15	
14	80	77	78	76	65	65	64	67	65	62			76	76	14	
13	76	73	73	71	61	61	60	63	61		59	57	73	72	13	
12	72	69	68	66	57	57	56	58	56	54			69	69	12	
11	67	65	63	61	52	53	52	54	52		52	51	66	65	11	
10	63	61	58	56	48	49	48	50	48	47	48	48	62	62	10	
9	59	57	53	51	44	45	43	46	43	43	44	44	59	58	9	
8	55	52	48	46	40	41	39	41	39	39	40	41	55	54	8	
7	51	48	43	41	35	37	35	37	35	35	36	38	52	51	7	
6	47	44	37	36	31	33	31	33	30	31	32	34	48	47	6	
5	42	40	32	31	27	29	27	29	26	28	28	31	45	44	5	
4	38	36	27	26	22	25	23	25	21	24	24	28	41	40	4	
3	34	32	22	21	18	21	19	20	17	20	20	25	38	37	3	
2	30	28	17	16	14	17	15	16	13	16	16	21	34	33	2	
1	26	24	12	11	10	13	10	12	8	13	12	18	31	30	1	
0	21	20	7	6	5	9		8							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 7-8 years
Age: 40-44 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	100		100	94	96	89	83	88	91						19
18	96	99	100	90	92	85	79	83	87	82				82	18
17	92	95	97	86	87	82	75	79			87				17
16	88	91	91	82	83	78	72	75	80		83				16
15	83	86	86	78	78	74	68	71	76	72	79	75	70	70	15
14	79	82	81	74	74	70	65	66	72	69	75		67		14
13	75	78	75	70	70	66	61	62	68	65	72	69		62	13
12	71	73	70	66	65	63	58	58	64		68	65	61	58	12
11	66	69	65	62	61	59	54	54	60	59	64	62		55	11
10	62	65	59	58	56	55	50	49	56	56	60	58	55	51	10
9	58	61	54	54	52	51	47	45		52	56	55	52	47	9
8	54	56	48	50	47	48	43	41	48	49	52	51	49	43	8
7	50	52	43	46	43	44	40	36	44		48	48	45	39	7
6	45	48	38	42	38	40	36	32	40	43	45	44	42	35	6
5	41	43	32	38	34	36	32	28	37	40	41	41	39	31	5
4	37	39	27	34	30	32	29	24	33		37	38	36	27	4
3	33	35	22	30	25	29	25	19	29	33	33	34	33	23	3
2	28	30	16	25	21	25	22	15	25		29	31	30	19	2
1	24	26	11	21	16	21	18	11		27	25	27	27	15	1
0		22	6	17				7		23	22	24	24		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	97		98		97		88		100								19
18	93	92	93	80			84		97								18
17	89	88	89	76	89		80		93	96				87	84		17
16	85	83	84	71	85	82	76		89	91		76		84	80	83	16
15	81	79	80	67	81	78	72		85	87				80	77		15
14	77	74	75	63	77	74	68		81	82		68		76	73	75	14
13	73	70	71	59	73	70	64		76	77	73	64		73	69	71	13
12	69	66	66	55	69	65	60		72	73			63	69	66	67	12
11	65	61	62	51	65	61	56	65	68	68	64	56		65	62	63	11
10	61	57	58	47	61	57	51		64	64	60	52		61	58	59	10
9	57	53	53	43	57	53	47	53	60	59	56	48	49	58	55	55	9
8	53	48	49	39	53	49	43		56	55	52	44		54	51	51	8
7	49	44	44	35	50	45	39	42	52	50	47	40	39	50	47	47	7
6	45	40	40	31	46	41	35		47	46	43	36		47	44	43	6
5	41	35	35	27	42	37	31	30	43	41	39	32	30	43	40	39	5
4	37	31	31	23	38	33	27		39	37	35	28		39	36	35	4
3	33	27	26		34	29	23	19	35	32	31	25	20	36	33		3
2	29	22	22		30	24	19	13	31	27	26	21	15	32			2
1	25	18	18		26	20	15	7	27	23	22	17	10				1
0		14				16	11	1		18	18				22	19	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 7-8 years
Age: 40-44 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	94		88		87		82				86	96	93	87		19
18	90	96	84				78				82	92	89	84		18
17	86	91	80		78		74			81		87		80		17
16	82	87	76			70	70	68	75			83	81	76		16
15	77	82	72		68		65	64			70					15
14	73	78	68	64	64	62	61	60	66		66	75	73	69		14
13	69	73	64		59		57	57		65		70	69	65	59	13
12	64	69	60	57	55	54	53	53	57		59	66	65		56	12
11	60	64	56	53	50	50	49	49	52	57	55	62	61	57	52	11
10	56	59	52	50	45	46	45	45	48		51	58	57	54	49	10
9	52	55	48	46	41	42	41	42	43	49	47	54	53	50	45	9
8	47	50	44	43	36	38	37	38	39		43	49	49	46	42	8
7	43	46	39	39	32	34	32	34	34	41	39	45	45	43	38	7
6	39	41	35	36		30	28	30	30	37		41	41	39	35	6
5	35	37	31	33	23	26	24	26	25	33	32	37	37	35	31	5
4	30	32	27	29		22	20	23	21	29		32	33	31	28	4
3	26	28	23	26	13	18	16		16	25		28	29	28	24	3
2	22	23	19	22	9	14	12	15	12	21		24	25	24	21	2
1	17		15	19	4	10	8	11	7	17				20		1
0				15		6	3	8								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	99	100	100	88	85	86	89	89				90	89	19	
18	97	94	99	97	84	81	81	85	84				86	86	18	
17	93	90	94	92	80	77	77	81	80				83	82	17	
16	89	86	89	87	75	73	73	77	76				79	79	16	
15	85	82	84	82	71	69	69	72	71			65	76	75	15	
14	81	78	79	77	67	65	65	68	67	62			72	72	14	
13	76	74	74	72	63	61	61	64	62		60	58	69	68	13	
12	72	70	69	67	58	57	57	60	58	55			65	65	12	
11	68	66	64	62	54	53	53	56	54		52	52	62	61	11	
10	64	62	59	57	50	49	48	51	49	47	49	48	58	58	10	
9	60	58	54	52	46	45	44	47	45	43	45	45	55	54	9	
8	56	54	48	47	41	41	40	43	41	40	41	42	51	51	8	
7	51	50	43	42	37	37	36	39	36	36	37	38	48	47	7	
6	47	46	38	37	33	33	32	34	32	32	33	35	44	44	6	
5	43	41	33	32	29	29	28	30	27	28	29	32	41	40	5	
4	39	37	28	27	24	25	24	26	23	24	25	29	37	36	4	
3	35	33	23	22	20	21	20	22	19	21	21	25	34	33	3	
2	30	29	18	17	16	17	16	18	14	17	17	22	30	29	2	
1	26	25	13	12	12	13	11	13	10	13	13	19	27	26	1	
0	22	21	8	8	7	9		9							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 7-8 years
Age: 45-49 years
Race: Caucasian

	Summary scores			Executive functions					Attention/Working memory							
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	Scaled score	
19	99		100	95	98	90	83	89	91						19	
18	94	98	100	91	93	86	80	85	87	82				83	18	
17	90	94	99	87	89	82	76	81			88				17	
16	86	90	94	83	84	79	73	76	80		84				16	
15	82	85	88	79	80	75	69	72	76	72	80	76	71	71	15	
14	78	81	83	75	76	71	65	68	72	69	76		68		14	
13	73	77	78	71	71	67	62	64	68	66	72	69		63	13	
12	69	72	72	67	67	64	58	59	64		69	66	62	59	12	
11	65	68	67	63	62	60	55	55	60	59	65	62		55	11	
10	61	64	62	59	58	56	51	51	56	56	61	59	55	52	10	
9	56	59	56	55	53	52	47	46		53	57	55	52	48	9	
8	52	55	51	51	49	48	44	42	48	50	53	52	49	44	8	
7	48	51	46	47	44	45	40	38	44		49	49	46	40	7	
6	44	46	40	43	40	41	37	34	40	43	46	45	43	36	6	
5	39	42	35	39	36	37	33	29	37	40	42	42	40	32	5	
4	35	38	30	35	31	33	29	25	33		38	38	37	28	4	
3	31	34	24	31	27	29	26	21	29	34	34	35	34	24	3	
2	27	29	19	27	22	26	22	17	25		30	31	30	20	2	
1	23	25	13	23	18	22	19	12		27	26	28	27	16	1	
0		21	8	19				8		24	23	24	24		0	

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	100		99		99		90		100								19
18	96	94	95	81			86		96								18
17	92	90	90	77	91		82		92	96				87	84		17
16	88	85	86	73	87	83	77		88	91		76		83	81	83	16
15	84	81	81	68	83	79	73		83	87				80	77		15
14	80	77	77	64	79	75	69		79	82		69		76	73	75	14
13	76	72	73	60	75	71	65		75	77	73	65		72	70	71	13
12	72	68	68	56	71	67	61		71	73			63	69	66	67	12
11	68	64	64	52	67	63	57	65	67	68	64	57		65	62	63	11
10	64	59	59	48	63	58	53		63	64	60	53		61	59	59	10
9	60	55	55	44	59	54	49	53	59	59	56	49	49	58	55	55	9
8	56	51	50	40	55	50	45		54	55	52	45		54	51	51	8
7	52	46	46	36	51	46	41	42	50	50	48	41	39	50	48	47	7
6	48	42	41	32	47	42	37		46	46	43	37		46	44	43	6
5	44	38	37	28	43	38	32	30	42	41	39	33	30	43	40	39	5
4	40	33	33	24	39	34	28		38	37	35	29		39	37	35	4
3	36	29	28		36	30	24	19	34	32	31	25	20	35	33		3
2	32	25	24		32	26	20	13	29	27	27	21	15	32			2
1	28	20	19		28	22	16	7	25	23	22	17	10				1
0		16				17	12	2		18	18				22	19	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 7-8 years
Age: 45-49 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	95		88		88		83				87	97	95	88		19
18	91	97	84				79				84	93	91	84		18
17	87	92	80		78		75			82		89		80		17
16	82	88	76			71	71	69	76			85	83	77		16
15	78	83	72		69		67	65			72					15
14	74	79	68	64	65	63	62	62	67		68	76	75	69		14
13	70	74	64		60		58	58		66		72	71	65	59	13
12	65	70	60	57	55	55	54	54	58		60	68	67		56	12
11	61	65	56	54	51	51	50	50	53	58	56	64	63	58	52	11
10	57	61	52	50	46	47	46	46	49		53	59	59	54	49	10
9	53	56	48	47	42	43	42	43	44	50	49	55	55	51	45	9
8	48	52	44	43	37	39	38	39	40		45	51	51	47	42	8
7	44	47	40	40	33	35	34	35	35	42	41	47	47	43	38	7
6	40	42	36	36		31	29	31	31	38		42	42	39	35	6
5	35	38	32	33	23	27	25	28	26	34	33	38	38	36	31	5
4	31	33	28	29		23	21	24	22	30		34	34	32	28	4
3	27	29	24	26	14	19	17		17	26		30	30	28	24	3
2	23	24	20	22	10	15	13	16	13	22		25	26	24	21	2
1	18		16	19	5	11	9	12	8	18				21		1
0				15		7	5	9								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	100	100	100	90	87	87	91	91				90	90	19	
18	98	96	100	98	86	83	83	87	86				86	86	18	
17	94	92	96	93	82	79	78	83	82				83	82	17	
16	90	88	91	89	77	75	74	78	77				79	79	16	
15	86	84	86	84	73	71	70	74	73			66	76	75	15	
14	81	80	80	79	69	67	66	70	69	63			72	72	14	
13	77	75	75	74	65	63	62	66	64		61	59	69	68	13	
12	73	71	70	69	60	59	58	61	60	55			65	65	12	
11	69	67	65	64	56	55	54	57	55		53	52	62	61	11	
10	65	63	60	59	52	51	50	53	51	48	50	49	58	58	10	
9	60	59	55	54	48	47	46	49	47	44	46	46	55	54	9	
8	56	55	50	49	43	43	41	45	42	40	42	43	51	51	8	
7	52	51	45	44	39	39	37	40	38	37	38	39	48	47	7	
6	48	47	40	39	35	35	33	36	34	33	34	36	44	44	6	
5	44	43	35	34	31	31	29	32	29	29	30	33	41	40	5	
4	40	39	29	29	26	27	25	28	25	25	26	29	37	37	4	
3	35	35	24	24	22	23	21	23	20	21	22	26	34	33	3	
2	31	31	19	19	18	19	17	19	16	18	18	23	30	30	2	
1	27	27	14	14	14	15	13	15	12	14	14	20	27	26	1	
0	23	22	9	9	9	11		11							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 7-8 years
Age: 50-54 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	99		100	97	100	91	84	91	91						19
18	94	97	100	93	95	87	80	86	87	83				84	18
17	90	93	100	89	91	83	77	82			89				17
16	86	89	97	85	86	80	73	78	80		85				16
15	82	84	91	81	82	76	70	73	76	73	81	77	72	72	15
14	78	80	86	77	77	72	66	69	72	70	77		68		14
13	73	76	81	73	73	68	62	65	68	66	73	70		64	13
12	69	71	75	69	68	64	59	61	64		69	67	62	61	12
11	65	67	70	65	64	61	55	56	60	60	66	63		57	11
10	61	63	64	61	60	57	52	52	56	57	62	60	56	53	10
9	56	58	59	57	55	53	48	48		53	58	56	53	49	9
8	52	54	54	53	51	49	44	44	48	50	54	53	50	45	8
7	48	50	48	49	46	45	41	39	44		50	49	47	41	7
6	44	45	43	45	42	42	37	35	40	44	46	46	44	37	6
5	39	41	38	41	37	38	34	31	37	41	43	42	40	33	5
4	35	37	32	37	33	34	30	26	33		39	39	37	29	4
3	31	32	27	33	28	30	26	22	29	34	35	36	34	25	3
2	27	28	22	29	24	26	23	18	25		31	32	31	21	2
1	23	24	16	25	19	23	19	14		28	27	29	28	17	1
0		19	11	21				9		24	23	25	25		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	100		100		99		92		100								19
18	96	96	96	82			88		96								18
17	92	92	92	78	91		83		92	96				86	85		17
16	88	88	87	74	87	84	79		88	91		78		83	81	83	16
15	84	83	83	70	83	80	75		83	87				79	77		15
14	80	79	79	66	79	76	71		79	82		70		75	74	75	14
13	76	75	74	62	75	72	67		75	77	73	66		72	70	71	13
12	72	70	70	58	71	68	63		71	73			63	68	66	67	12
11	68	66	65	53	67	64	59	65	67	68	65	58		64	63	63	11
10	64	62	61	49	63	60	55		63	64	60	54		61	59	59	10
9	60	57	56	45	59	56	51	54	59	59	56	50	49	57	55	55	9
8	56	53	52	41	55	51	47		54	55	52	46		53	52	51	8
7	52	49	48	37	51	47	43	42	50	50	48	42	39	50	48	47	7
6	48	44	43	33	47	43	38		46	46	44	38		46	44	43	6
5	44	40	39	29	43	39	34	31	42	41	39	34	30	42	41	39	5
4	40	36	34	25	39	35	30		38	37	35	30		39	37	35	4
3	36	31	30		36	31	26	19	34	32	31	26	20	35	33		3
2	32	27	25		32	27	22	14	29	27	27	22	15	31			2
1	28	23	21		28	23	18	8	25	23	23	19	10				1
0		18				19	14	2		18	18				22	19	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 7-8 years
Age: 50-54 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	96		89		89		85				89	99	97	88		19
18	92	98	85				80				85	95	93	85		18
17	88	93	81		79		76			83		91		81		17
16	83	89	77			72	72	70	77			86	85	77		16
15	79	84	73		70		68	67			74					15
14	75	80	69	64	66	64	64	63	68		70	78	76	70		14
13	71	75	64		61		60	59		67		74	72	66	60	13
12	66	71	60	57	57	56	56	55	59		62	69	68		56	12
11	62	66	56	54	52	52	52	52	55	59	58	65	64	58	52	11
10	58	62	52	50	47	48	47	48	50		54	61	60	55	49	10
9	53	57	48	47	43	44	43	44	46	51	50	57	56	51	45	9
8	49	53	44	43	38	40	39	40	41		46	52	52	47	42	8
7	45	48	40	40	34	37	35	36	37	43	43	48	48	44	38	7
6	41	44	36	36		33	31	33	32	39		44	44	40	35	6
5	36	39	32	33	25	29	27	29	28	35	35	40	40	36	31	5
4	32	34	28	29		25	23	25	23	31		35	36	32	28	4
3	28	30	24	26	15	21	19		19	27		31	32	29	24	3
2	24	25	20	22	11	17	14	18	14	23		27	28	25	21	2
1	19		16	19	6	13	10	14	10	19				21		1
0			15			9	6	10								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	100	100	100	92	89	88	93	93				90	90	19	
18	99	97	100	100	88	85	84	89	88				86	86	18	
17	95	93	97	95	84	81	80	84	84				83	83	17	
16	91	89	92	90	80	77	76	80	79				79	79	16	
15	87	85	87	85	75	73	72	76	75			67	76	76	15	
14	82	81	82	80	71	69	68	72	71	64			72	72	14	
13	78	77	77	75	67	65	63	67	66		62	60	69	68	13	
12	74	73	72	71	63	61	59	63	62	56			65	65	12	
11	70	69	67	66	58	57	55	59	58		54	53	62	61	11	
10	66	65	62	61	54	53	51	55	53	49	50	50	58	58	10	
9	61	61	57	56	50	49	47	51	49	45	47	47	55	54	9	
8	57	56	52	51	46	45	43	46	44	41	43	44	51	51	8	
7	53	52	47	46	41	41	39	42	40	37	39	40	48	47	7	
6	49	48	41	41	37	37	35	38	36	34	35	37	44	44	6	
5	45	44	36	36	33	33	30	34	31	30	31	34	41	40	5	
4	41	40	31	31	29	29	26	29	27	26	27	30	37	37	4	
3	36	36	26	26	24	25	22	25	22	22	23	27	34	33	3	
2	32	32	21	21	20	21	18	21	18	18	19	24	30	30	2	
1	28	28	16	16	16	17	14	17	14	15	15	21	27	26	1	
0	24	24	11	11	12	13		13							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 7-8 years
Age: 55-59 years
Race: Caucasian

	Summary scores			Executive functions					Attention/Working memory							
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	Scaled score	
19	97		100	99	100	92	85	92	89						19	
18	93	96	100	95	97	88	81	88	85	83				86	18	
17	89	92	100	91	93	84	77	83			90				17	
16	84	87	100	87	88	80	74	79	77		86				16	
15	80	83	94	83	84	77	70	75	73	73	82	78	72	74	15	
14	76	79	89	79	79	73	67	71	70	70	78		69		14	
13	72	75	84	75	75	69	63	66	66	67	74	71		66	13	
12	67	70	78	71	70	65	59	62	62		70	67	63	62	12	
11	63	66	73	67	66	61	56	58	58	60	67	64		58	11	
10	59	62	67	63	61	58	52	54	54	57	63	60	57	54	10	
9	55	57	62	59	57	54	49	49		54	59	57	53	50	9	
8	51	53	57	55	53	50	45	45	46	51	55	53	50	46	8	
7	46	49	51	51	48	46	41	41	42		51	50	47	42	7	
6	42	44	46	47	44	42	38	36	38	44	47	47	44	38	6	
5	38	40	41	43	39	39	34	32	34	41	44	43	41	34	5	
4	34	36	35	39	35	35	31	28	30		40	40	38	31	4	
3	29	31	30	35	30	31	27	24	27	35	36	36	35	27	3	
2	25	27	25	31	26	27	23	19	23		32	33	32	23	2	
1	21	23	19	27	21	23	20	15		28	28	29	29	19	1	
0		18	14	23				11		25	24	26	25		0	

Speed of information processing					Spatial skills				Verbal/Academic skills								Scaled score
Scaled score	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	100		100		100		94		99								19
18	96	99	98	83			90		95								18
17	92	94	94	79	93		86		90	96				86	85		17
16	89	90	89	75	89	86	82		86	91		79		82	81	83	16
15	85	86	85	71	85	81	78		82	87				79	78		15
14	81	81	80	67	81	77	73		78	82		71		75	74	75	14
13	77	77	76	63	77	73	69		74	77	73	67		71	70	71	13
12	73	73	71	59	73	69	65		70	73			63	68	67	67	12
11	69	68	67	55	69	65	61	66	65	68	65	59		64	63	63	11
10	65	64	62	51	65	61	57		61	64	61	55		60	59	59	10
9	61	60	58	47	61	57	53	54	57	59	56	51	49	57	56	55	9
8	57	55	54	43	57	53	49		53	55	52	48		53	52	51	8
7	53	51	49	39	53	49	45	43	49	50	48	44	39	49	48	47	7
6	49	47	45	35	49	44	41		45	46	44	40		46	45	43	6
5	45	42	40	31	45	40	37	31	41	41	40	36	30	42	41	39	5
4	41	38	36	27	41	36	33		36	37	35	32		38	37	35	4
3	37	34	31		37	32	29	20	32	32	31	28	20	35	34		3
2	33	29	27		33	28	24	14	28	27	27	24	15	31			2
1	29	25	23		29	24	20	8	24	23	23	20	11				1
0		21				20	16	2		18	19				23	19	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 7-8 years
Age: 55-59 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	97		89		90		86				91	100	98	89		19
18	93	99	85				82				87	96	94	85		18
17	89	94	81		81		78			84		92		81		17
16	84	90	77			74	74	72	79			88	86	78		16
15	80	85	73		72		70	68			75					15
14	76	81	69	64	67	66	66	64	70		71	79	78	70		14
13	72	76	65		62		62	61		69		75	74	66	60	13
12	67	72	61	57	58	58	57	57	61		64	71	70		56	12
11	63	67	57	54	53	54	53	53	56	61	60	67	66	59	53	11
10	59	63	53	50	49	50	49	49	52		56	62	62	55	49	10
9	54	58	49	47	44	46	45	46	47	53	52	58	58	52	46	9
8	50	54	45	43	40	42	41	42	43		48	54	54	48	42	8
7	46	49	41	40	35	38	37	38	38	45	44	50	50	44	38	7
6	42	45	37	36		34	33	34	34	41		45	46	40	35	6
5	37	40	33	33	26	30	29	30	29	37	36	41	42	37	31	5
4	33	36	28	30		26	24	27	25	33		37	38	33	28	4
3	29	31	24	26	17	22	20		20	29		33	34	29	24	3
2	25	26	20	23	12	18	16	19	16	25		29	30	25	21	2
1	20		16	19	8	14	12	15	11	21				22		1
0			16			10	8	12								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	100	100	100	95	91	90	95	95				90	90	19	
18	100	99	100	100	91	87	86	91	90				86	86	18	
17	96	95	99	97	86	83	82	86	86				83	83	17	
16	92	90	94	92	82	79	78	82	82				79	79	16	
15	88	86	89	87	78	75	73	78	77			68	76	76	15	
14	83	82	84	83	74	71	69	74	73	65			72	72	14	
13	79	78	79	78	69	67	65	69	68		63	61	69	69	13	
12	75	74	74	73	65	63	61	65	64	57			65	65	12	
11	71	70	69	68	61	59	57	61	60		55	55	62	62	11	
10	67	66	64	63	57	55	53	57	55	50	51	51	58	58	10	
9	63	62	59	58	52	51	49	53	51	46	47	48	55	54	9	
8	58	58	54	53	48	47	45	48	47	42	44	45	51	51	8	
7	54	54	49	48	44	43	40	44	42	38	40	42	48	47	7	
6	50	50	43	43	40	39	36	40	38	35	36	38	44	44	6	
5	46	46	38	38	35	35	32	36	33	31	32	35	41	40	5	
4	42	42	33	33	31	31	28	32	29	27	28	32	37	37	4	
3	37	37	28	28	27	27	24	27	25	23	24	28	34	33	3	
2	33	33	23	23	23	23	20	23	20	20	20	25	30	30	2	
1	29	29	18	18	18	19	16	19	16	16	16	22	27	26	1	
0	25	25	13	13	14	15		15							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 7-8 years
Age: 60-64 years
Race: Caucasian

	Summary scores			Executive functions					Attention/Working memory							
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	Scaled score	
19	97		100	100	100	93	85	93	89						19	
18	93	95	100	97	99	89	82	89	85	84				87	18	
17	89	91	100	93	95	85	78	85			90				17	
16	84	86	100	89	90	81	74	81	77		87				16	
15	80	82	98	85	86	77	71	76	73	74	83	78	73	75	15	
14	76	78	92	81	81	74	67	72	70	71	79		70		14	
13	72	73	87	77	77	70	64	68	66	67	75	71		68	13	
12	67	69	82	73	72	66	60	63	62		71	68	63	64	12	
11	63	65	76	68	68	62	56	59	58	61	67	65		60	11	
10	59	60	71	64	64	58	53	55	54	58	64	61	57	56	10	
9	55	56	65	60	59	55	49	51		54	60	58	54	52	9	
8	51	52	60	56	55	51	46	46	46	51	56	54	51	48	8	
7	46	48	55	52	50	47	42	42	42		52	51	48	44	7	
6	42	43	49	48	46	43	38	38	38	45	48	47	45	40	6	
5	38	39	44	44	41	39	35	34	34	42	44	44	42	36	5	
4	34	35	39	40	37	36	31	29	30		41	40	38	32	4	
3	29	30	33	36	32	32	28	25	27	35	37	37	35	28	3	
2	25	26	28	32	28	28	24	21	23		33	33	32	24	2	
1	21	22	23	28	23	24	21	16		29	29	30	29	20	1	
0		17	17	24				12		25	25	27	26		0	

Speed of information processing					Spatial skills				Verbal/Academic skills								Scaled score
Scaled score	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	100		100		100		97		99								19
18	96	100	100	85			93		95								18
17	92	97	95	81	93		88		90	96				85	85		17
16	89	92	91	77	89	87	84		86	91		81		82	82	83	16
15	85	88	86	73	85	83	80		82	87				78	78		15
14	81	84	82	69	81	79	76		78	82		73		74	74	75	14
13	77	79	77	65	77	74	72		74	77	74	69		71	71	71	13
12	73	75	73	61	73	70	68		70	73			63	67	67	67	12
11	69	71	69	57	69	66	64	66	65	68	65	61		63	63	63	11
10	65	66	64	53	65	62	60		61	64	61	57		60	60	59	10
9	61	62	60	49	61	58	56	54	57	59	57	53	49	56	56	55	9
8	57	58	55	45	57	54	52		53	55	52	49		52	52	51	8
7	53	53	51	41	53	50	48	43	49	50	48	45	39	49	49	47	7
6	49	49	46	37	49	46	44		45	46	44	41		45	45	43	6
5	45	45	42	33	45	42	39	31	41	41	40	38	30	41	41	39	5
4	41	40	37	28	41	37	35		36	37	36	34		38	38	35	4
3	37	36	33		37	33	31	20	32	32	31	30	20	34	34		3
2	33	32	29		33	29	27	14	28	27	27	26	15	30			2
1	29	27	24		29	25	23	8	24	23	23	22	11				1
0		23				21	19	3		18	19				23	19	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 7-8 years
Age: 60-64 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	96		90		92		89				92	100	100	89		19
18	92	97	85				84				88	98	96	86		18
17	88	92	81		82		80			86		94		82		17
16	83	88	77			76	76	74	80			89	88	78		16
15	79	83	73		73		72	70			77					15
14	75	79	69	65	69	68	68	66	71		73	81	80	71		14
13	70	74	65		64		64	63		70		77	76	67	60	13
12	66	70	61	58	59	60	60	59	62		65	72	72		56	12
11	62	65	57	55	55	56	55	55	58	62	61	68	68	59	53	11
10	58	61	53	52	50	52	51	51	53		57	64	64	56	49	10
9	53	56	49	48	46	48	47	48	49	54	54	60	59	52	46	9
8	49	52	45	45	41	44	43	44	45		50	55	55	48	42	8
7	45	47	41	41	37	40	39	40	40	47	46	51	51	45	39	7
6	41	43	37	38		36	35	36	36	43		47	47	41	35	6
5	36	38	33	34	27	32	31	32	31	39	38	43	43	37	32	5
4	32	34	29	31		28	27	29	27	35		39	39	33	28	4
3	28	29	25	27	18	24	22		22	31		34	35	30	24	3
2	23	25	21	24	14	20	18	21	18	27		30	31	26	21	2
1	19		17	20	9	16	14	17	13	23				22		1
0				17		12	10	14								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	100	100	100	98	94	92	97	97				90	90	19	
18	100	100	100	100	93	90	88	93	93				87	86	18	
17	97	96	100	100	89	86	84	89	88				83	83	17	
16	93	92	97	95	85	82	80	84	84				80	79	16	
15	89	88	91	90	81	78	75	80	80			69	76	76	15	
14	85	84	86	85	76	74	71	76	75	66			72	72	14	
13	81	80	81	80	72	70	67	72	71		64	63	69	69	13	
12	76	75	76	75	68	66	63	67	67	59			65	65	12	
11	72	71	71	70	64	62	59	63	62		56	56	62	62	11	
10	68	67	66	65	59	58	55	59	58	51	52	53	58	58	10	
9	64	63	61	60	55	54	51	55	53	47	48	50	55	55	9	
8	60	59	56	55	51	50	47	51	49	44	45	46	51	51	8	
7	56	55	51	50	46	46	42	46	45	40	41	43	48	48	7	
6	51	51	46	45	42	42	38	42	40	36	37	40	44	44	6	
5	47	47	40	40	38	38	34	38	36	32	33	36	41	41	5	
4	43	43	35	35	34	34	30	34	31	28	29	33	37	37	4	
3	39	39	30	30	29	30	26	29	27	25	25	30	34	33	3	
2	35	35	25	25	25	26	22	25	23	21	21	27	30	30	2	
1	30	31	20	20	21	22	18	21	18	17	17	23	27	26	1	
0	26	27	15	15	17	18		17							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 7-8 years
Age: 65-69 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	95		100	100	100	93	86	95	89						19
18	91	94	100	98	100	90	82	90	85	84				89	18
17	87	90	100	94	97	86	79	86			91				17
16	83	85	100	90	93	82	75	82	77		87				16
15	79	81	100	86	88	78	71	78	73	74	84	79	73	77	15
14	74	77	96	82	84	74	68	73	70	71	80		70		14
13	70	72	90	78	79	71	64	69	66	68	76	72		70	13
12	66	68	85	74	75	67	61	65	62		72	69	64	66	12
11	62	64	80	70	70	63	57	61	58	61	68	65		62	11
10	57	59	74	66	66	59	53	56	54	58	64	62	58	58	10
9	53	55	69	62	61	55	50	52		55	61	58	55	54	9
8	49	51	64	58	57	52	46	48	46	52	57	55	51	50	8
7	45	46	58	54	52	48	43	44	42		53	51	48	46	7
6	40	42	53	50	48	44	39	39	38	45	49	48	45	42	6
5	36	38	48	46	44	40	36	35	34	42	45	45	42	38	5
4	32	33	42	42	39	36	32	31	30		41	41	39	34	4
3	28	29	37	38	35	33	28	26	27	36	38	38	36	30	3
2	24	25	31	34	30	29	25	22	23		34	34	33	26	2
1	19	20	26	30	26	25	21	18		29	30	31	30	22	1
0		16	21	26				14		26	26	27	27		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	100		100		100		100		97								19
18	100	100	100	88			96		93								18
17	96	99	97	83	95		92		89	96				85	86		17
16	92	95	92	79	91	88	88		85	91		83		81	82	83	16
15	88	90	88	75	87	84	84		81	87				77	78		15
14	84	86	84	71	83	80	79		77	82		75		74	75	75	14
13	80	82	79	67	79	76	75		72	77	74	71		70	71	71	13
12	76	77	75	63	75	72	71		68	73			63	66	67	67	12
11	72	73	70	59	71	67	67	66	64	68	65	63		63	64	63	11
10	68	69	66	55	67	63	63		60	64	61	59		59	60	59	10
9	64	64	61	51	63	59	59	55	56	59	57	55	49	55	56	55	9
8	60	60	57	47	59	55	55		52	55	53	51		52	53	51	8
7	56	56	52	43	55	51	51	43	48	50	48	47	39	48	49	47	7
6	52	51	48	39	51	47	47		43	46	44	43		44	45	43	6
5	48	47	44	35	47	43	43	32	39	41	40	40	30	41	42	39	5
4	44	43	39	31	43	39	39		35	37	36	36		37	38	35	4
3	40	38	35		39	35	34	20	31	32	32	32	20	33	34		3
2	36	34	30		35	30	30	15	27	27	27	28	15	30			2
1	32	29	26		31	26	26	9	23	23	23	24	11				1
0		25				22	22	3	18	19					23	19	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 7-8 years
Age: 65-69 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	97		90		93		91				94	100	100	90		19
18	93	98	86				87				90	99	97	86		18
17	89	93	82		84		83			89		95		82		17
16	84	89	78			78	79	76	83			91	89	79		16
15	80	84	74		75		74	72			78					15
14	76	80	70	66	71	70	70	69	74		75	82	81	71		14
13	71	75	66		66		66	65		73		78	77	67	60	13
12	67	71	62	59	61	62	62	61	65		67	74	73		56	12
11	63	66	58	55	57	58	58	57	60	65	63	70	69	60	53	11
10	59	62	54	52	52	54	54	54	56		59	66	65	56	49	10
9	54	57	49	48	48	50	50	50	51	57	55	61	61	52	46	9
8	50	53	45	45	43	46	46	46	47		51	57	57	49	42	8
7	46	48	41	41	38	43	41	42	42	49	47	53	53	45	39	7
6	42	44	37	38		39	37	39	38	45		49	49	41	35	6
5	37	39	33	34	29	35	33	35	33	41	40	44	45	38	32	5
4	33	35	29	31		31	29	31	29	37		40	41	34	28	4
3	29	30	25	27	20	27	25		24	33		36	37	30	25	3
2	24	26	21	24	16	23	21	23	20	29		32	33	26	21	2
1	20		17	20	11	19	17	20	15	25				23		1
0				17		15	13	16								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	100	100	100	100	97	94	99	100				90	90	19	
18	100	100	100	100	96	93	90	95	95				87	87	18	
17	99	97	100	100	92	89	86	91	91				83	83	17	
16	95	93	99	97	88	85	82	87	87				80	79	16	
15	91	89	94	92	83	81	78	83	82			71	76	76	15	
14	86	85	89	87	79	77	74	78	78	68			73	72	14	
13	82	81	84	82	75	73	70	74	74		65	64	69	69	13	
12	78	77	78	77	71	69	66	70	69	60			66	65	12	
11	74	73	73	72	66	65	61	66	65		57	58	62	62	11	
10	70	69	68	67	62	61	57	61	60	53	53	55	59	58	10	
9	66	64	63	62	58	57	53	57	56	49	49	51	55	55	9	
8	61	60	58	57	54	53	49	53	52	45	45	48	52	51	8	
7	57	56	53	52	49	49	45	49	47	41	42	45	48	48	7	
6	53	52	48	47	45	45	41	45	43	38	38	41	44	44	6	
5	49	48	43	42	41	41	37	40	38	34	34	38	41	41	5	
4	45	44	38	37	37	37	33	36	34	30	30	35	37	37	4	
3	40	40	33	32	32	33	28	32	30	26	26	32	34	34	3	
2	36	36	27	27	28	29	24	28	25	22	22	28	30	30	2	
1	32	32	22	23	24	25	20	23	21	19	18	25	27	27	1	
0	28	28	17	18	20	21		19							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 7-8 years
Age: 70-74 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	94		100	100	100	94	86	96	89						19
18	90	93	100	100	100	90	83	92	85	85				91	18
17	85	89	100	96	99	87	79	88			92				17
16	81	84	100	92	95	83	76	83	77		88				16
15	77	80	100	88	90	79	72	79	73	75	85	80	74	80	15
14	73	76	100	84	86	75	68	75	70	72	81		71		14
13	68	71	94	80	82	71	65	71	66	68	77	73		72	13
12	64	67	89	76	77	68	61	66	62		73	69	65	68	12
11	60	63	84	72	73	64	58	62	58	62	69	66		64	11
10	56	58	78	68	68	60	54	58	54	59	65	62	58	60	10
9	52	54	73	64	64	56	51	53		55	62	59	55	56	9
8	47	50	68	60	59	53	47	49	46	52	58	56	52	52	8
7	43	45	62	56	55	49	43	45	42		54	52	49	48	7
6	39	41	57	52	50	45	40	41	38	46	50	49	46	44	6
5	35	37	51	48	46	41	36	36	34	43	46	45	43	40	5
4	30	32	46	44	42	37	33	32	30		42	42	40	36	4
3	26	28	41	40	37	34	29	28	27	36	39	38	37	33	3
2	22	24	35	36	33	30	25	24	23		35	35	33	29	2
1	18	19	30	32	28	26	22	19		30	31	31	30	25	1
0		15	25	28				15		26	27	28	27		0

Speed of information processing					Spatial skills				Verbal/Academic skills								Scaled score
Scaled score	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCR N	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	100		100		100		100		96								19
18	100	100	100	90			100		92								18
17	99	100	99	86	97		95		88	96				84	86		17
16	95	97	94	82	93	89	91		84	91		85		80	82	83	16
15	91	93	90	78	89	85	87		79	87				77	79		15
14	87	88	85	74	85	81	83		75	82		77		73	75	75	14
13	83	84	81	70	81	77	79		71	77	74	73		69	71	71	13
12	79	80	76	66	77	73	75		67	73			63	66	68	67	12
11	75	75	72	62	73	69	71	67	63	68	66	65		62	64	63	11
10	71	71	67	58	69	65	67		59	64	61	61		58	60	59	10
9	67	67	63	53	65	60	63	55	55	59	57	57	49	55	57	55	9
8	63	62	59	49	61	56	59		50	55	53	54		51	53	51	8
7	59	58	54	45	57	52	55	44	46	50	49	50	39	47	49	47	7
6	55	54	50	41	53	48	50		42	46	44	46		44	46	43	6
5	51	49	45	37	49	44	46	32	38	41	40	42	30	40	42	39	5
4	47	45	41	33	45	40	42		34	37	36	38		36	38	35	4
3	43	40	36		41	36	38	21	30	32	32	34	20	33	35		3
2	39	36	32		37	32	34	15	25	27	28	30	15	29			2
1	35	32	27		33	28	30	9	21	23	23	26	11				1
0		27				23	26	3	18	19					24	19	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 7-8 years
Age: 70-74 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	98		90		96		94				96	100	100	90		19
18	94	99	86				90				92	100	99	87		18
17	89	95	82		86		86			91		97		83		17
16	85	90	78			81	82	79	85			92	91	79		16
15	81	85	74		77		77	75			80					15
14	77	81	70	66	73	73	73	71	76		76	84	83	72		14
13	72	76	66		68		69	68		75		80	79	68	60	13
12	68	72	62	59	64	65	65	64	67		68	76	75		56	12
11	64	67	58	55	59	61	61	60	63	67	65	71	71	60	53	11
10	60	63	54	52	54	57	57	56	58		61	67	67	57	49	10
9	55	58	50	48	50	53	53	52	54	59	57	63	63	53	46	9
8	51	54	46	45	45	49	49	49	49		53	59	59	49	42	8
7	47	49	42	41	41	45	44	45	45	51	49	54	55	46	39	7
6	42	45	38	38		41	40	41	40	47		50	51	42	35	6
5	38	40	34	34	31	37	36	37	36	43	41	46	46	38	32	5
4	34	36	30	31		33	32	34	31	39		42	42	34	28	4
3	30	31	26	28	22	29	28		27	35		37	38	31	25	3
2	25	27	22	24	18	25	24	26	22	31		33	34	27	21	2
1	21		18	21	13	21	20	22	18	27				23		1
0				17		17	15	19								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	100	100	100	100	99	97	100	100				90	90	19	
18	100	100	100	100	99	95	93	98	98				87	87	18	
17	100	98	100	100	95	91	89	94	94				83	83	17	
16	97	94	100	99	91	87	85	89	90				80	80	16	
15	92	90	96	95	87	83	81	85	85			73	76	76	15	
14	88	86	91	90	82	79	77	81	81	70			73	73	14	
13	84	82	86	85	78	75	72	77	76		66	66	69	69	13	
12	80	78	81	80	74	71	68	72	72	62			66	65	12	
11	76	74	76	75	70	67	64	68	68		58	60	62	62	11	
10	72	70	71	70	65	63	60	64	63	54	54	57	59	58	10	
9	67	66	65	65	61	59	56	60	59	51	50	53	55	55	9	
8	63	62	60	60	57	55	52	56	54	47	46	50	52	51	8	
7	59	57	55	55	53	51	48	51	50	43	42	47	48	48	7	
6	55	53	50	50	48	47	44	47	46	39	39	43	45	44	6	
5	51	49	45	45	44	43	39	43	41	35	35	40	41	41	5	
4	46	45	40	40	40	39	35	39	37	32	31	37	38	37	4	
3	42	41	35	35	36	35	31	34	33	28	27	34	34	34	3	
2	38	37	30	30	31	31	27	30	28	24	23	30	31	30	2	
1	34	33	25	25	27	27	23	26	24	20	19	27	27	27	1	
0	30	29	20	20	23	23		22							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 7-8 years
Age: 75-79 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	92		100	100	100	95	87	98	89						19
18	88	92	100	100	100	91	83	93	85	85				94	18
17	84	87	100	98	100	87	80	89			93				17
16	80	83	100	94	98	84	76	85	77		89				16
15	75	79	100	90	93	80	73	81	73	75	85	80	74	82	15
14	71	74	100	86	89	76	69	76	70	72	82		71		14
13	67	70	98	82	84	72	66	72	66	69	78	74		74	13
12	63	66	93	78	80	69	62	68	62		74	70	65	70	12
11	58	62	88	74	75	65	58	63	58	62	70	67		67	11
10	54	57	82	70	71	61	55	59	54	59	66	63	59	63	10
9	50	53	77	66	66	57	51	55		56	62	60	56	59	9
8	46	49	72	62	62	53	48	51	46	53	59	56	53	55	8
7	41	44	66	58	58	50	44	46	42		55	53	50	51	7
6	37	40	61	54	53	46	40	42	38	46	51	49	46	47	6
5	33	36	56	50	49	42	37	38	34	43	47	46	43	43	5
4	29	31	50	46	44	38	33	34	30		43	43	40	39	4
3	25	27	45	42	40	34	30	29	27	37	39	39	37	35	3
2	20	23	40	37	35	31	26	25	23		36	36	34	31	2
1	16	18	34	33	31	27	22	21		30	32	32	31	27	1
0		14	29	29				16		27	28	29	28		0

Speed of information processing					Spatial skills				Verbal/Academic skills								Scaled score
Scaled score	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	100		100		100		100		95								19
18	100	100	100	93			100		91								18
17	100	100	100	89	99		100		86	96				83	86		17
16	98	99	96	85	95	90	96		82	91		87		79	83	82	16
15	94	95	91	81	91	86	92		78	87				76	79		15
14	90	91	87	77	87	82	87		74	82		80		72	75	74	14
13	86	86	82	73	83	78	83		70	77	74	76		68	72	71	13
12	82	82	78	69	79	74	79		66	73			63	65	68	67	12
11	78	78	74	65	75	70	75	67	62	68	66	68		61	64	63	11
10	74	73	69	60	71	66	71		57	64	62	64		57	61	59	10
9	70	69	65	56	67	62	67	56	53	59	57	60	49	54	57	55	9
8	66	65	60	52	63	58	63		49	55	53	56		50	53	51	8
7	62	60	56	48	59	53	59	44	45	50	49	52	40	46	50	47	7
6	58	56	51	44	55	49	55		41	46	45	48		43	46	43	6
5	54	51	47	40	51	45	51	33	37	41	40	44	30	39	42	39	5
4	50	47	42	36	47	41	47		32	37	36	40		35	39	35	4
3	46	43	38		43	37	42	21	28	32	32	36	20	32	35		3
2	42	38	34		39	33	38	15	24	27	28	32	16	28			2
1	38	34	29		35	29	34	10	20	23	24	28	11				1
0		30				25	30	4		18	19				24	19	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 7-8 years
Age: 75-79 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	99		91		98		97				97	100	100	91		19
18	95	100	87				93				93	100	100	87		18
17	90	96	83		89		89			94		98		83		17
16	86	91	79			84	85	82	88			94	93	80		16
15	82	87	74		80		81	78			82					15
14	78	82	70	66	75	76	77	74	79		78	86	85	72		14
13	73	78	66		71		72	71		78		81	80	68	60	13
12	69	73	62	59	66	68	68	67	70		70	77	76		57	12
11	65	68	58	55	61	64	64	63	66	70	66	73	72	61	53	11
10	60	64	54	52	57	60	60	59	61		62	69	68	57	49	10
9	56	59	50	49	52	56	56	56	57	62	58	64	64	53	46	9
8	52	55	46	45	48	52	52	52	52		54	60	60	50	42	8
7	48	50	42	42	43	48	48	48	48	54	51	56	56	46	39	7
6	43	46	38	38		44	44	44	43	50		52	52	42	35	6
5	39	41	34	35	34	40	39	40	39	46	43	47	48	39	32	5
4	35	37	30	31		36	35	37	34	42		43	44	35	28	4
3	31	32	26	28	25	32	31		30	38		39	40	31	25	3
2	26	28	22	24	20	29	27	29	25	34		35	36	27	21	2
1	22		18	21	16	25	23	25	21	30				24		1
0				17		21	19	22								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons														Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L	
19	100	100	100	100	100	100	100	100	100				90	90	19
18	100	100	100	100	100	98	96	100	100				87	87	18
17	100	99	100	100	98	94	92	96	97				83	83	17
16	99	95	100	100	94	90	88	92	93				80	80	16
15	95	91	98	97	90	86	84	88	88			75	76	76	15
14	90	87	93	92	86	82	80	84	84	72			73	73	14
13	86	83	88	87	81	78	76	79	79		67	69	69	69	13
12	82	79	83	82	77	74	72	75	75	64			66	66	12
11	78	75	78	77	73	70	67	71	71		59	62	62	62	11
10	74	71	73	72	69	66	63	67	66	56	55	59	59	59	10
9	69	67	68	67	64	62	59	63	62	53	51	56	55	55	9
8	65	63	63	62	60	58	55	58	57	49	47	52	52	51	8
7	61	59	58	57	56	54	51	54	53	45	43	49	48	48	7
6	57	54	53	52	52	50	47	50	49	41	40	46	45	44	6
5	53	50	47	47	47	46	43	46	44	37	36	43	41	41	5
4	49	46	42	42	43	42	39	41	40	34	32	39	38	37	4
3	44	42	37	37	39	38	34	37	36	30	28	36	34	34	3
2	40	38	32	32	35	34	30	33	31	26	24	33	31	30	2
1	36	34	27	27	30	30	26	29	27	22	20	29	27	27	1
0	32	30	22	22	26	26		25							0

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 7-8 years
Age: 80-85 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	92		100	100	100	96	88	99	89						19
18	88	91	100	100	100	92	84	95	85	86				97	18
17	84	86	100	100	100	88	81	91			94				17
16	80	82	100	96	100	85	77	86	77		90				16
15	75	78	100	92	96	81	73	82	73	76	86	81	75	86	15
14	71	73	100	88	92	77	70	78	70	73	83		72		14
13	67	69	100	84	87	73	66	74	66	69	79	74		78	13
12	63	65	98	80	83	69	63	69	62		75	71	66	74	12
11	58	60	93	76	78	66	59	65	58	63	71	67		70	11
10	54	56	87	72	74	62	55	61	54	60	67	64	60	66	10
9	50	52	82	67	69	58	52	56		56	63	61	56	62	9
8	46	47	77	63	65	54	48	52	46	53	60	57	53	58	8
7	41	43	71	59	61	50	45	48	42		56	54	50	54	7
6	37	39	66	55	56	47	41	44	38	47	52	50	47	50	6
5	33	34	60	51	52	43	37	39	34	44	48	47	44	46	5
4	29	30	55	47	47	39	34	35	30		44	43	41	42	4
3	25	26	50	43	43	35	30	31	27	37	40	40	38	38	3
2	20	21	44	39	38	31	27	27	23		37	36	35	35	2
1	16	17	39	35	34	28	23	22		31	33	33	32	31	1
0		13	34	31				18		27	29	30	28		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	100		100		100		100		95								19
18	100	100	100	97			100		91								18
17	100	100	100	93	99		100		86	96				82	87		17
16	98	100	98	88	95	92	100		82	91		90		78	83	82	16
15	94	97	93	84	91	88	97		78	87				75	79		15
14	90	93	89	80	87	84	93		74	82		82		71	76	74	14
13	86	89	84	76	83	79	89		70	77	74	78		67	72	70	13
12	82	84	80	72	79	75	85		66	73			64	64	68	66	12
11	78	80	75	68	75	71	81	67	62	68	66	71		60	65	62	11
10	74	76	71	64	71	67	77		57	64	62	67		56	61	58	10
9	70	71	66	60	67	63	72	56	53	59	58	63	49	53	57	54	9
8	66	67	62	56	63	59	68		49	55	53	59		49	54	51	8
7	62	63	58	52	59	55	64	44	45	50	49	55	40	45	50	47	7
6	58	58	53	48	55	51	60		41	46	45	51		42	46	43	6
5	54	54	49	44	51	47	56	33	37	41	41	47	30	38	43	39	5
4	50	50	44	40	47	42	52		32	37	37	43		34	39	35	4
3	46	45	40		43	38	48	21	28	32	32	39	20	31	35		3
2	42	41	35		39	34	44	16	24	27	28	35	16	27			2
1	38	37	31		35	30	40	10	20	23	24	31	11				1
0		32				26	36	4		18	20				24	19	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 7-8 years
Age: 80-85 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	100		91		100		100				99	100	100	91		19
18	96	100	87				97				95	100	100	88		18
17	91	97	83		92		93			98		100		84		17
16	87	92	79			88	89	86	92			96	94	80		16
15	83	88	75		83		85	82			83					15
14	79	83	71	66	78	80	81	78	83		80	87	86	73		14
13	74	79	67		74		77	74		82		83	82	69	60	13
12	70	74	63	59	69	72	73	71	74		72	79	78		57	12
11	66	70	59	56	65	68	68	67	69	74	68	75	74	62	53	11
10	62	65	55	52	60	64	64	63	65		64	70	70	58	50	10
9	57	61	51	49	55	60	60	59	60	66	60	66	66	54	46	9
8	53	56	47	45	51	56	56	56	56		56	62	62	50	43	8
7	49	52	43	42	46	52	52	52	51	58	52	58	58	47	39	7
6	44	47	39	38		48	48	48	47	54		53	54	43	35	6
5	40	42	34	35	37	44	44	44	42	50	45	49	50	39	32	5
4	36	38	30	31		40	40	41	38	46		45	46	35	28	4
3	32	33	26	28	28	36	35		33	42		41	42	32	25	3
2	27	29	22	24	23	32	31	33	29	38		36	38	28	21	2
1	23		18	21	19	28	27	29	24	34				24		1
0				17		24	23	25								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	100	100	100	100	100	100	100	100				90	90	19	
18	100	100	100	100	100	100	100	100	100				87	87	18	
17	100	100	100	100	100	98	96	100	100				83	83	17	
16	100	96	100	100	98	94	92	95	96				80	80	16	
15	97	92	100	100	94	90	88	91	92			78	76	76	15	
14	93	88	96	95	90	86	84	87	87	74			73	73	14	
13	89	84	91	90	85	82	80	83	83		68	72	69	69	13	
12	85	80	86	85	81	78	76	78	79	67			66	66	12	
11	81	76	81	80	77	74	71	74	74		60	65	62	62	11	
10	76	72	76	75	73	70	67	70	70	59	56	62	59	59	10	
9	72	68	71	70	68	66	63	66	65	55	52	59	55	55	9	
8	68	64	65	65	64	62	59	62	61	51	48	55	52	52	8	
7	64	60	60	60	60	58	55	57	57	48	45	52	48	48	7	
6	60	56	55	55	56	54	51	53	52	44	41	49	45	45	6	
5	55	52	50	50	51	50	47	49	48	40	37	45	41	41	5	
4	51	47	45	45	47	46	43	45	43	36	33	42	38	37	4	
3	47	43	40	40	43	42	39	40	39	32	29	39	34	34	3	
2	43	39	35	35	39	38	34	36	35	29	25	36	31	30	2	
1	39	35	30	30	34	34	30	32	30	25	21	32	27	27	1	
0	35	31	25	25	30	30		28							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 9-11 years
Age: 20-34 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	96		94	86	86	87	79	81	87						19
18	92	97	89	82	82	83	75	77	83	78				78	18
17	88	92	84	78	77	79	72	73			81				17
16	83	88	78	74	73	75	68	68	76		78				16
15	79	84	73	70	69	71	64	64	72	68	74	67	65	66	15
14	75	79	67	66	64	68	61	60	68	65	70		62		14
13	71	75	62	62	60	64	57	56	64	61	66	60		59	13
12	66	71	57	58	55	60	54	51	60		62	57	55	55	12
11	62	66	51	54	51	56	50	47	56	55	58	53		51	11
10	58	62	46	50	46	52	46	43	52	52	55	50	49	47	10
9	54	58	41	46	42	49	43	39		49	51	46	46	43	9
8	49	53	35	42	37	45	39	34	44	45	47	43	43	39	8
7	45	49	30	37	33	41	36	30	40		43	40	40	35	7
6	41	45	25	33	28	37	32	26	37	39	39	36	37	31	6
5	37	40	19	29	24	33	28	21	33	36	35	33	34	27	5
4	33	36	14	25	20	30	25	17	29		32	29	30	23	4
3	28	32	9	21	15	26	21	13	25	29	28	26	27	19	3
2	24	27	3	17	11	22	18	9	21		24	22	24	15	2
1	20	23	0	13	6	18	14	4		23	20	19	21	11	1
0		19	0	9				0		19	16	15	18		0

Speed of information processing					Spatial skills				Verbal/Academic skills								Scaled score
Scaled score	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	89		87		92		84		97								19
18	85	87	83	77			80		93								18
17	81	82	78	73	84		76		88	90				83	79		17
16	77	78	74	69	80	76	72		84	85		77		79	75	78	16
15	73	74	69	65	76	71	68		80	80				75	72		15
14	69	69	65	61	72	67	64		76	76		70		72	68	70	14
13	65	65	60	57	68	63	60		72	71	63	66		68	64	66	13
12	61	60	56	53	64	59	55		68	67			60	64	61	62	12
11	57	56	51	49	60	55	51	58	63	62	55	58		61	57	58	11
10	53	52	47	45	56	51	47		59	58	51	54		57	53	54	10
9	49	47	43	41	52	47	43	46	55	53	46	50	46	53	50	50	9
8	45	43	38	37	48	43	39		51	49	42	46		50	46	46	8
7	41	39	34	33	44	39	35	35	47	44	38	42	36	46	42	42	7
6	37	34	29	28	40	34	31		43	40	34	38		42	39	38	6
5	33	30	25	24	36	30	27	23	38	35	30	34	27	39	35	34	5
4	29	26	20	20	32	26	23		34	30	25	30		35	31	30	4
3	26	21	16		28	22	19	12	30	26	21	26	17	31	28		3
2	22	17	11		24	18	15	6	26	21	17	22	12	28			2
1	18	13	7		20	14	10	0	22	17	13	18	7				1
0		8				10	6	0		12	9				17	14	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 9-11 years
Age: 20-34 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	89		85		84		78				80	88	86	84		19
18	84	89	81				74				76	84	82	80		18
17	80	85	77		75		69			76		80		77		17
16	76	80	73			65	65	64	71			75	74	73		16
15	72	76	69		66		61	60			64					15
14	67	71	65	63	61	57	57	56	62		60	67	65	65		14
13	63	67	61		56		53	53		61		63	61	62	59	13
12	59	62	57	56	52	49	49	49	53		53	58	57		55	12
11	55	57	53	53	47	45	45	45	48	53	49	54	53	54	52	11
10	50	53	49	49	43	41	41	41	44		45	50	49	50	48	10
9	46	48	45	46	38	38	36	38	39	45	41	46	45	47	44	9
8	42	44	41	42	33	34	32	34	35		37	41	41	43	41	8
7	37	39	37	39	29	30	28	30	30	37	33	37	37	39	37	7
6	33	35	33	36		26	24	26	26	33		33	33	36	34	6
5	29	30	28	32	20	22	20	22	21	29	25	29	29	32	30	5
4	25	26	24	29		18	16	19	17	25		25	25	28	27	4
3	20	21	20	25	11	14	12		12	21		20	21	24	23	3
2	16	17	16	22	6	10	8	11	8	17		16	17	21	20	2
1	12		12	18	1	6	3	7	3	13				17		1
0				15		2	0	4								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons														Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L	
19	96	92	100	100	82	81	83	84	83				92	91	19
18	92	88	100	97	78	77	79	80	79				88	88	18
17	87	84	94	92	73	73	75	76	74				85	84	17
16	83	80	89	87	69	69	70	71	70				81	81	16
15	79	76	84	82	65	65	66	67	65			62	78	77	15
14	75	72	79	77	61	61	62	63	61	60			74	74	14
13	71	68	74	72	56	57	58	59	57		57	56	71	70	13
12	67	64	69	67	52	53	54	54	52	52			67	67	12
11	62	60	64	62	48	49	50	50	48		49	49	64	63	11
10	58	56	59	57	44	45	46	46	43	45	45	46	60	60	10
9	54	52	54	52	39	41	42	42	39	41	41	42	57	56	9
8	50	48	49	47	35	37	38	38	35	37	37	39	53	53	8
7	46	43	43	42	31	33	33	33	30	33	33	36	50	49	7
6	41	39	38	37	27	29	29	29	26	30	29	33	46	45	6
5	37	35	33	32	22	25	25	25	22	26	25	29	43	42	5
4	33	31	28	27	18	21	21	21	17	22	21	26	39	38	4
3	29	27	23	22	14	17	17	16	13	18	17	23	36	35	3
2	25	23	18	17	10	13	13	12	8	15	13	19	32	31	2
1	21	19	13	12	5	9	9	8	4	11	9	16	29	28	1
0	16	15	8	7	1	5		4							0

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 9-11 years
Age: 35-39 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	94		98	89	89	88	80	84	87						19
18	90	94	92	85	84	84	76	80	84	79				79	18
17	86	90	87	81	80	81	73	76			83				17
16	82	86	82	77	75	77	69	71	76		79				16
15	77	81	76	73	71	73	66	67	72	69	76	69	66	67	15
14	73	77	71	69	66	69	62	63	68	66	72		63		14
13	69	73	66	65	62	65	58	58	64	62	68	62		60	13
12	65	68	60	61	57	62	55	54	60		64	58	57	56	12
11	61	64	55	57	53	58	51	50	56	56	60	55		52	11
10	56	60	50	53	49	54	48	46	52	53	56	51	50	48	10
9	52	55	44	49	44	50	44	41		50	53	48	47	44	9
8	48	51	39	45	40	46	40	37	44	46	49	44	44	40	8
7	44	47	34	41	35	43	37	33	41		45	41	41	36	7
6	39	43	28	37	31	39	33	29	37	40	41	38	38	32	6
5	35	38	23	33	26	35	30	24	33	37	37	34	35	28	5
4	31	34	17	29	22	31	26	20	29		33	31	32	24	4
3	27	30	12	25	17	28	22	16	25	30	30	27	29	20	3
2	22	25	7	21	13	24	19	11	21		26	24	25	16	2
1	18	21	1	17	8	20	15	7		24	22	20	22	12	1
0		17	0	13				3		20	18	17	19		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	93		90		94		86		95								19
18	89	86	86	78			82		91								18
17	85	81	81	74	86		77		87	90				83	80		17
16	81	77	77	70	82	78	73		83	85		75		79	76	78	16
15	77	73	73	66	78	74	69		79	80				75	72		15
14	73	68	68	62	74	70	65		75	76		68		71	69	70	14
13	69	64	64	58	70	66	61		70	71	64	64		68	65	66	13
12	65	60	59	54	66	62	57		66	67			60	64	61	62	12
11	61	55	55	50	62	57	53	59	62	62	55	56		60	58	58	11
10	57	51	50	46	58	53	49		58	58	51	52		57	54	54	10
9	53	47	46	42	54	49	45	47	54	53	47	48	46	53	50	50	9
8	49	42	41	38	50	45	41		50	49	43	44		49	47	46	8
7	45	38	37	34	46	41	37	36	45	44	38	40	36	46	43	42	7
6	41	34	33	30	42	37	32		41	40	34	36		42	39	38	6
5	37	29	28	25	38	33	28	24	37	35	30	32	27	38	36	34	5
4	33	25	24	21	34	29	24		33	30	26	28		35	32	30	4
3	29	21	19		30	25	20	13	29	26	22	24	17	31	28		3
2	25	16	15		26	20	16	7	25	21	17	20	12	27			2
1	21	12	10		22	16	12	1	21	17	13	16	8				1
0		8				12	8	0		12	9				17	14	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 9-11 years
Age: 35-39 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	91		86		85		79				83	91	89	85		19
18	86	91	82				75				79	87	85	81		18
17	82	87	78		76		71			78		83		78		17
16	78	82	74			66	67	65	72			79	77	74		16
15	73	78	70		66		62	61			67					15
14	69	73	66	64	62	58	58	58	63		64	70	69	66		14
13	65	69	62		57		54	54		62		66	65	63	59	13
12	61	64	58	57	53	51	50	50	54		56	62	61		55	12
11	56	60	54	53	48	47	46	46	49	54	52	57	57	55	52	11
10	52	55	49	50	44	43	42	42	45		48	53	53	51	48	10
9	48	51	45	46	39	39	38	39	40	46	44	49	48	48	45	9
8	44	46	41	43	34	35	34	35	36		40	45	44	44	41	8
7	39	42	37	39	30	31	29	31	31	38	36	40	40	40	38	7
6	35	37	33	36		27	25	27	27	34		36	36	37	34	6
5	31	32	29	32	21	23	21	24	22	30	29	32	32	33	31	5
4	26	28	25	29		19	17	20	18	26		28	28	29	27	4
3	22	23	21	25	12	15	13		13	22		23	24	25	24	3
2	18	19	17	22	7	11	9	12	9	18		19	20	22	20	2
1	14		13	18	2	7	5	8	4	14				18		1
0				15		3	0	5								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	97	93	100	100	85	84	84	86	86				92	92	19	
18	92	89	99	96	81	80	80	82	81				88	88	18	
17	88	85	93	91	76	76	76	78	77				85	85	17	
16	84	81	88	86	72	72	72	74	72				81	81	16	
15	80	77	83	81	68	68	68	69	68			63	78	78	15	
14	76	73	78	76	64	64	63	65	64	61			74	74	14	
13	71	68	73	72	59	60	59	61	59		59	56	71	70	13	
12	67	64	68	67	55	56	55	57	55	53			67	67	12	
11	63	60	63	62	51	52	51	53	50		51	50	64	63	11	
10	59	56	58	57	47	48	47	48	46	46	47	47	60	60	10	
9	55	52	53	52	42	44	43	44	42	42	43	43	57	56	9	
8	51	48	48	47	38	40	39	40	37	38	39	40	53	53	8	
7	46	44	42	42	34	36	35	36	33	34	35	37	50	49	7	
6	42	40	37	37	30	32	30	32	29	30	31	33	46	46	6	
5	38	36	32	32	25	28	26	27	24	27	27	30	43	42	5	
4	34	32	27	27	21	24	22	23	20	23	23	27	39	39	4	
3	30	28	22	22	17	20	18	19	15	19	19	24	36	35	3	
2	25	24	17	17	12	16	14	15	11	15	15	20	32	32	2	
1	21	19	12	12	8	12	10	10	7	11	11	17	29	28	1	
0	17	15	7	7	4	8		6							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 9-11 years
Age: 40-44 years
Race: Caucasian

	Summary scores			Executive functions					Attention/Working memory							
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	Scaled score	
19	94		100	91	90	86	81	85	87						19	
18	90	93	95	87	86	82	77	81	84	79				80	18	
17	86	89	89	83	81	78	73	77			84				17	
16	82	85	84	79	77	75	70	73	76		80				16	
15	77	80	79	75	72	71	66	68	72	69	76	69	66	68	15	
14	73	76	73	71	68	67	63	64	68	66	73		63		14	
13	69	72	68	67	63	63	59	60	64	63	69	62		60	13	
12	65	67	63	63	59	59	55	56	60		65	59	57	56	12	
11	61	63	57	59	54	56	52	51	56	56	61	56		52	11	
10	56	59	52	55	50	52	48	47	52	53	57	52	51	48	10	
9	52	54	46	51	45	48	45	43		50	53	49	48	45	9	
8	48	50	41	47	41	44	41	38	44	47	50	45	45	41	8	
7	44	46	36	43	37	41	37	34	41		46	42	42	37	7	
6	39	41	30	39	32	37	34	30	37	40	42	38	38	33	6	
5	35	37	25	35	28	33	30	26	33	37	38	35	35	29	5	
4	31	33	20	31	23	29	27	21	29		34	31	32	25	4	
3	27	28	14	27	19	25	23	17	25	31	30	28	29	21	3	
2	22	24	9	23	14	22	20	13	21		27	25	26	17	2	
1	18	20	4	19	10	18	16	9		24	23	21	23	13	1	
0		16	0	15				4		21	19	18	20		0	

Speed of information processing					Spatial skills				Verbal/Academic skills								Scaled score
Scaled score	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCR N	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	93		92		94		87		95								19
18	89	88	87	79			83		91								18
17	85	84	83	75	86		79		87	90				82	80		17
16	81	79	79	71	82	79	75		83	85		73		79	76	78	16
15	77	75	74	67	78	75	70		79	80				75	73		15
14	73	71	70	63	74	71	66		75	76		65		71	69	70	14
13	69	66	65	59	70	67	62		70	71	64	61		68	65	66	13
12	65	62	61	55	66	63	58		66	67			60	64	62	62	12
11	61	58	56	51	62	59	54	59	62	62	56	53		60	58	58	11
10	57	53	52	47	58	55	50		58	58	51	49		57	54	54	10
9	53	49	48	43	54	50	46	47	54	53	47	45	46	53	51	50	9
8	49	45	43	38	50	46	42		50	49	43	41		49	47	46	8
7	45	40	39	34	46	42	38	36	45	44	39	37	36	46	43	42	7
6	41	36	34	30	42	38	34		41	40	34	33		42	40	38	6
5	37	32	30	26	38	34	30	24	37	35	30	29	27	38	36	34	5
4	33	27	25	22	34	30	26		33	30	26	25		35	32	30	4
3	29	23	21		30	26	21	13	29	26	22	21	17	31	29		3
2	25	19	16		26	22	17	7	25	21	18	18	12	27			2
1	21	14	12		22	18	13	1	21	17	13	14	8				1
0		10				13	9	0		12	9				18	14	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 9-11 years
Age: 40-44 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	92		86		86		80				85	93	91	86		19
18	87	92	82				76				81	89	87	82		18
17	83	88	78		76		72			78		84		78		17
16	79	83	74			67	67	66	73			80	78	74		16
15	74	79	70		67		63	62			69					15
14	70	74	66	64	63	59	59	58	64		65	72	70	67		14
13	66	70	62		58		55	55		62		67	66	63	59	13
12	62	65	58	57	53	51	51	51	55		57	63	62		55	12
11	57	61	54	53	49	47	47	47	50	54	54	59	58	56	52	11
10	53	56	50	50	44	44	43	43	46		50	55	54	52	48	10
9	49	52	46	46	40	40	39	40	41	47	46	50	50	48	45	9
8	45	47	42	43	35	36	34	36	37		42	46	46	45	41	8
7	40	43	38	39	31	32	30	32	32	39	38	42	42	41	38	7
6	36	38	34	36		28	26	28	28	35		38	38	37	34	6
5	32	34	30	33	21	24	22	24	23	31	30	33	34	33	31	5
4	27	29	26	29		20	18	21	19	27		29	30	30	27	4
3	23	24	22	26	12	16	14		14	23		25	26	26	24	3
2	19	20	18	22	8	12	10	13	10	19		21	22	22	20	2
1	15		13	19	3	8	6	9	5	15				18		1
0				15		4	1	6								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	97	94	100	100	87	84	85	88	87				88	88	19	
18	93	90	99	97	82	80	81	84	83				84	84	18	
17	89	86	94	92	78	76	77	79	78				81	81	17	
16	85	82	89	87	74	72	73	75	74				77	77	16	
15	80	78	84	82	70	68	68	71	70			64	74	74	15	
14	76	74	79	78	65	64	64	67	65	61			70	70	14	
13	72	70	74	73	61	60	60	63	61		60	57	67	67	13	
12	68	66	69	68	57	56	56	58	56	54			63	63	12	
11	64	62	64	63	53	52	52	54	52		52	51	60	60	11	
10	60	57	59	58	48	48	48	50	48	46	48	47	56	56	10	
9	55	53	54	53	44	44	44	46	43	42	44	44	53	52	9	
8	51	49	48	48	40	40	40	41	39	39	40	41	49	49	8	
7	47	45	43	43	36	36	36	37	35	35	36	37	46	45	7	
6	43	41	38	38	31	32	31	33	30	31	32	34	42	42	6	
5	39	37	33	33	27	28	27	29	26	27	28	31	39	38	5	
4	34	33	28	28	23	24	23	25	21	23	24	28	35	35	4	
3	30	29	23	23	19	20	19	20	17	20	20	24	32	31	3	
2	26	25	18	18	14	16	15	16	13	16	16	21	28	28	2	
1	22	21	13	13	10	12	11	12	8	12	12	18	25	24	1	
0	18	17	8	8	6	8		8							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 9-11 years
Age: 45-49 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	93		100	93	92	87	81	87	87						19
18	89	92	97	89	87	83	78	83	84	80				81	18
17	84	88	92	85	83	79	74	78			85				17
16	80	84	86	80	78	75	70	74	76		81				16
15	76	79	81	76	74	72	67	70	72	70	77	70	67	69	15
14	72	75	76	72	69	68	63	66	68	67	74		64		14
13	67	71	70	68	65	64	60	61	64	63	70	63		61	13
12	63	66	65	64	60	60	56	57	60		66	60	58	57	12
11	59	62	60	60	56	57	52	53	56	57	62	56		53	11
10	55	58	54	56	51	53	49	48	52	54	58	53	51	49	10
9	50	53	49	52	47	49	45	44		50	54	49	48	45	9
8	46	49	44	48	43	45	42	40	44	47	50	46	45	42	8
7	42	45	38	44	38	41	38	36	41		47	42	42	38	7
6	38	40	33	40	34	38	35	31	37	41	43	39	39	34	6
5	34	36	27	36	29	34	31	27	33	38	39	36	36	30	5
4	29	32	22	32	25	30	27	23	29		35	32	33	26	4
3	25	27	17	28	20	26	24	19	25	31	31	29	30	22	3
2	21	23	11	24	16	22	20	14	21		27	25	27	18	2
1	17	19	6	20	11	19	17	10		25	24	22	23	14	1
0		14	1	16				6		21	20	18	20		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCR N	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	96		94		96		88		94								19
18	92	90	89	80			84		90								18
17	88	86	85	76	88		80		86	90				82	80		17
16	84	82	80	72	84	80	76		82	85		73		78	77	78	16
15	80	77	76	68	80	76	72		77	80				75	73		15
14	76	73	71	64	76	72	68		73	76		65		71	69	70	14
13	72	69	67	60	72	68	64		69	71	64	62		67	66	66	13
12	68	64	62	56	68	64	60		65	67			60	64	62	62	12
11	64	60	58	52	64	60	56	59	61	62	56	54		60	58	58	11
10	60	56	54	48	60	56	52		57	58	52	50		56	55	54	10
9	56	51	49	44	56	52	47	48	52	53	47	46	46	53	51	50	9
8	52	47	45	40	52	48	43		48	49	43	42		49	47	46	8
7	48	43	40	35	48	43	39	36	44	44	39	38	36	45	44	42	7
6	44	38	36	31	44	39	35		40	40	35	34		42	40	38	6
5	40	34	31	27	40	35	31	25	36	35	30	30	27	38	36	34	5
4	36	30	27	23	36	31	27		32	30	26	26		34	33	30	4
3	32	25	23		32	27	23	13	28	26	22	22	17	31	29		3
2	28	21	18		28	23	19	7	23	21	18	18	12	27			2
1	24	16	14		24	19	15	2	19	17	14	14	8				1
0		12				15	11	0		12	9				18	14	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 9-11 years
Age: 45-49 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	92		87		86		81				86	94	92	86		19
18	88	93	83				77				82	90	88	82		18
17	84	89	79		77		73			79		86		79		17
16	80	84	74			68	69	67	74			82	80	75		16
15	75	80	70		68		65	63			71					15
14	71	75	66	64	63	60	60	59	65		67	73	72	67		14
13	67	71	62		59		56	56		64		69	68	64	59	13
12	63	66	58	57	54	53	52	52	56		59	65	64		55	12
11	58	62	54	53	50	49	48	48	51	56	55	60	60	56	52	11
10	54	57	50	50	45	45	44	44	47		51	56	56	52	48	10
9	50	53	46	47	41	41	40	41	42	48	47	52	52	49	45	9
8	45	48	42	43	36	37	36	37	38		43	48	48	45	41	8
7	41	44	38	40	31	33	32	33	33	40	40	43	44	41	38	7
6	37	39	34	36		29	27	29	29	36		39	40	38	34	6
5	33	35	30	33	22	25	23	26	24	32	32	35	36	34	31	5
4	28	30	26	29		21	19	22	20	28		31	31	30	27	4
3	24	26	22	26	13	17	15		15	24		27	27	26	24	3
2	20	21	18	22	9	13	11	14	11	20		22	23	23	20	2
1	16		14	19	4	9	7	10	6	16				19		1
0				15		5	3	7								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	98	96	100	100	89	86	86	89	89				88	88	19	
18	94	91	100	99	84	82	82	85	85				84	84	18	
17	90	87	96	94	80	78	78	81	80				81	81	17	
16	85	83	91	89	76	74	74	77	76				77	77	16	
15	81	79	86	84	72	70	70	73	71			64	74	74	15	
14	77	75	80	79	67	66	66	68	67	62			70	70	14	
13	73	71	75	74	63	62	61	64	63		61	58	67	67	13	
12	69	67	70	69	59	58	57	60	58	54			63	63	12	
11	64	63	65	64	55	54	53	56	54		53	51	60	60	11	
10	60	59	60	59	50	50	49	52	50	47	49	48	56	56	10	
9	56	55	55	54	46	46	45	47	45	43	45	45	53	53	9	
8	52	51	50	49	42	42	41	43	41	39	41	41	49	49	8	
7	48	47	45	44	38	38	37	39	36	35	37	38	46	46	7	
6	44	43	40	39	33	34	33	35	32	32	33	35	42	42	6	
5	39	38	35	34	29	30	28	30	28	28	29	32	39	38	5	
4	35	34	29	29	25	26	24	26	23	24	25	28	35	35	4	
3	31	30	24	24	21	22	20	22	19	20	21	25	32	31	3	
2	27	26	19	19	16	18	16	18	14	17	17	22	28	28	2	
1	23	22	14	14	12	14	12	14	10	13	13	18	25	24	1	
0	18	18	9	9	8	10		9							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 9-11 years
Age: 50-54 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	93		100	94	93	88	82	88	87						19
18	89	91	100	90	89	84	78	84	84	80				82	18
17	84	87	95	86	84	80	75	80			86				17
16	80	82	89	82	80	76	71	75	76		82				16
15	76	78	84	78	75	73	67	71	72	70	78	71	68	70	15
14	72	74	78	74	71	69	64	67	68	67	74		65		14
13	67	69	73	70	67	65	60	63	64	64	71	64		62	13
12	63	65	68	66	62	61	57	58	60		67	60	58	58	12
11	59	61	62	62	58	57	53	54	56	57	63	57		54	11
10	55	57	57	58	53	54	50	50	52	54	59	54	52	51	10
9	50	52	52	54	49	50	46	46		51	55	50	49	47	9
8	46	48	46	50	44	46	42	41	44	48	51	47	46	43	8
7	42	44	41	46	40	42	39	37	41		48	43	43	39	7
6	38	39	36	42	35	38	35	33	37	41	44	40	40	35	6
5	34	35	30	38	31	35	32	29	33	38	40	36	36	31	5
4	29	31	25	34	27	31	28	24	29		36	33	33	27	4
3	25	26	19	30	22	27	24	20	25	32	32	29	30	23	3
2	21	22	14	26	18	23	21	16	21		28	26	27	19	2
1	17	18	9	22	13	19	17	11		25	25	23	24	15	1
0		13	3	18				7		22	21	19	21		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	96		95		96		90		94								19
18	92	93	91	81			86		90								18
17	88	88	86	77	88		82		86	90				82	81		17
16	84	84	82	73	84	82	78		82	85		74		78	77	77	16
15	80	80	77	69	80	78	74		77	80				74	73		15
14	76	75	73	65	76	73	70		73	76		67		71	70	69	14
13	72	71	69	61	72	69	66		69	71	64	63		67	66	66	13
12	68	67	64	57	68	65	62		65	67			60	63	62	62	12
11	64	62	60	53	64	61	58	60	61	62	56	55		60	59	58	11
10	60	58	55	49	60	57	53		57	58	52	51		56	55	54	10
9	56	54	51	45	56	53	49	48	52	53	48	47	46	52	51	50	9
8	52	49	46	41	52	49	45		48	49	43	43		49	48	46	8
7	48	45	42	37	48	45	41	37	44	44	39	39	36	45	44	42	7
6	44	41	37	33	44	41	37		40	40	35	35		41	40	38	6
5	40	36	33	29	40	36	33	25	36	35	31	31	27	37	37	34	5
4	36	32	29	25	36	32	29		32	30	26	27		34	33	30	4
3	32	27	24		32	28	25	14	28	26	22	23	17	30	29		3
2	28	23	20		28	24	21	8	23	21	18	19	13	26			2
1	24	19	15		24	20	17	2	19	17	14	15	8				1
0		14				16	13	0		12	10				18	14	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 9-11 years
Age: 50-54 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	93		87		87		83				88	96	94	87		19
18	89	94	83				78				84	92	90	83		18
17	85	90	79		78		74			81		87		79		17
16	81	85	75			70	70	68	75			83	82	75		16
15	76	81	71		69		66	65			72					15
14	72	76	67	64	65	62	62	61	66		68	75	74	68		14
13	68	72	63		60		58	57		65		70	70	64	59	13
12	63	67	59	57	55	54	54	53	57		61	66	65		56	12
11	59	63	55	54	51	50	50	50	52	57	57	62	61	57	52	11
10	55	58	51	50	46	46	45	46	48		53	58	57	53	49	10
9	51	54	47	47	42	42	41	42	43	49	49	53	53	49	45	9
8	46	49	43	43	37	38	37	38	39		45	49	49	46	41	8
7	42	45	38	40	33	34	33	34	35	41	41	45	45	42	38	7
6	38	40	34	36		30	29	31	30	37		41	41	38	34	6
5	34	36	30	33	23	26	25	27	26	33	33	37	37	34	31	5
4	29	31	26	29		22	21	23	21	29		32	33	31	27	4
3	25	27	22	26	14	18	16		17	25		28	29	27	24	3
2	21	22	18	22	10	14	12	16	12	21		24	25	23	20	2
1	16		14	19	5	10	8	12	8	17				19		1
0				15		6	4	8								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	99	97	100	100	91	88	88	91	91				88	88	19	
18	95	93	100	100	87	84	83	87	87				85	84	18	
17	90	89	97	96	82	80	79	83	82				81	81	17	
16	86	85	92	91	78	76	75	79	78				78	77	16	
15	82	81	87	86	74	72	71	74	73			66	74	74	15	
14	78	77	82	81	70	68	67	70	69	63			70	70	14	
13	74	72	77	76	65	64	63	66	65		62	59	67	67	13	
12	70	68	72	71	61	60	59	62	60	55			63	63	12	
11	65	64	67	66	57	56	55	58	56		54	52	60	60	11	
10	61	60	62	61	53	52	50	53	52	48	50	49	56	56	10	
9	57	56	57	56	48	48	46	49	47	44	46	46	53	53	9	
8	53	52	52	51	44	44	42	45	43	40	42	43	49	49	8	
7	49	48	47	46	40	40	38	41	38	36	38	39	46	46	7	
6	45	44	41	41	36	36	34	36	34	33	34	36	42	42	6	
5	40	40	36	36	31	32	30	32	30	29	30	33	39	39	5	
4	36	36	31	31	27	28	26	28	25	25	26	29	35	35	4	
3	32	32	26	26	23	24	22	24	21	21	22	26	32	32	3	
2	28	28	21	21	19	20	17	20	16	17	18	23	28	28	2	
1	24	24	16	16	14	16	13	15	12	14	14	20	25	24	1	
0	19	19	11	11	10	12		11							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 9-11 years
Age: 55-59 years
Race: Caucasian

	Summary scores			Executive functions					Attention/Working memory							
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	Scaled score	
19	91		100	96	95	89	82	90	85						19	
18	87	90	100	92	91	85	79	85	81	81				83	18	
17	83	86	98	88	86	81	75	81			87				17	
16	78	81	92	84	82	77	72	77	74		83				16	
15	74	77	87	80	77	73	68	73	70	71	79	71	68	72	15	
14	70	73	81	76	73	70	65	68	66	68	75		65		14	
13	66	68	76	72	68	66	61	64	62	64	71	65		64	13	
12	61	64	71	68	64	62	57	60	58		68	61	59	60	12	
11	57	60	65	64	60	58	54	56	54	58	64	58		56	11	
10	53	55	60	60	55	54	50	51	50	55	60	54	53	52	10	
9	49	51	55	56	51	51	47	47		51	56	51	50	48	9	
8	45	47	49	52	46	47	43	43	42	48	52	47	46	44	8	
7	40	42	44	48	42	43	39	38	38		48	44	43	40	7	
6	36	38	39	44	37	39	36	34	34	42	45	40	40	36	6	
5	32	34	33	40	33	35	32	30	31	39	41	37	37	32	5	
4	28	30	28	36	28	32	29	26	27		37	34	34	28	4	
3	23	25	23	32	24	28	25	21	23	32	33	30	31	24	3	
2	19	21	17	28	20	24	21	17	19		29	27	28	21	2	
1	15	17	12	24	15	20	18	13		26	25	23	25	17	1	
0		12	6	20				9		22	22	20	22		0	

Speed of information processing					Spatial skills				Verbal/Academic skills								Scaled score
Scaled score	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	96		97		98		93		93								19
18	92	95	92	83			88		89								18
17	88	91	88	79	90		84		84	90				81	81		17
16	85	86	84	75	86	83	80		80	85		76		77	77	77	16
15	81	82	79	71	82	79	76		76	80				74	74		15
14	77	78	75	67	78	75	72		72	76		68		70	70	69	14
13	73	73	70	63	74	71	68		68	71	65	64		66	66	65	13
12	69	69	66	59	70	66	64		64	67			60	63	63	61	12
11	65	65	61	55	66	62	60	60	59	62	56	56		59	59	57	11
10	61	60	57	50	62	58	56		55	58	52	52		55	55	53	10
9	57	56	52	46	58	54	52	48	51	53	48	48	46	52	52	50	9
8	53	52	48	42	54	50	48		47	49	44	44		48	48	46	8
7	49	47	44	38	50	46	43	37	43	44	39	41	37	44	44	42	7
6	45	43	39	34	46	42	39		39	40	35	37		41	41	38	6
5	41	38	35	30	42	38	35	25	34	35	31	33	27	37	37	34	5
4	37	34	30	26	38	34	31		30	30	27	29		33	33	30	4
3	33	30	26		34	29	27	14	26	26	22	25	17	30	30		3
2	29	25	21		30	25	23	8	22	21	18	21	13	26			2
1	25	21	17		26	21	19	2	18	17	14	17	8				1
0		17				17	15	0		12	10				19	14	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 9-11 years
Age: 55-59 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	94		87		89		84				89	97	95	87		19
18	90	96	83				80				86	93	91	83		18
17	86	91	79		80		76			82		89		80		17
16	82	87	75			71	72	70	76			85	83	76		16
15	77	82	71		70		68	66			74					15
14	73	77	67	64	66	63	64	62	67		70	76	75	68		14
13	69	73	63		61		60	59		66		72	71	65	59	13
12	64	68	59	57	57	56	55	55	58		62	68	67		56	12
11	60	64	55	54	52	52	51	51	54	58	58	64	63	57	52	11
10	56	59	51	50	48	48	47	47	50		54	59	59	53	49	10
9	52	55	47	47	43	44	43	44	45	50	51	55	55	50	45	9
8	47	50	43	43	38	40	39	40	41		47	51	51	46	42	8
7	43	46	39	40	34	36	35	36	36	43	43	47	47	42	38	7
6	39	41	35	36		32	31	32	32	39		42	43	39	35	6
5	35	37	31	33	25	28	27	28	27	35	35	38	39	35	31	5
4	30	32	27	29		24	22	25	23	31		34	35	31	27	4
3	26	28	23	26	16	20	18		18	27		30	31	27	24	3
2	22	23	19	23	11	16	14	17	14	23		25	27	24	20	2
1	17		15	19	6	12	10	13	9	19				20		1
0			16			8	6	10								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	98	100	100	93	90	89	93	93				88	88	19	
18	96	94	100	100	89	86	85	89	89				85	85	18	
17	92	90	99	98	85	82	81	85	84				81	81	17	
16	87	86	94	93	81	78	77	81	80				78	78	16	
15	83	82	89	88	76	74	73	76	76			67	74	74	15	
14	79	78	84	83	72	70	69	72	71	64			71	70	14	
13	75	74	79	78	68	66	65	68	67		62	60	67	67	13	
12	71	70	74	73	64	62	60	64	63	56			64	63	12	
11	67	66	69	68	59	58	56	60	58		55	54	60	60	11	
10	62	62	64	63	55	54	52	55	54	49	51	50	57	56	10	
9	58	58	59	58	51	50	48	51	49	45	47	47	53	53	9	
8	54	53	54	53	47	46	44	47	45	41	43	44	49	49	8	
7	50	49	48	48	42	42	40	43	41	37	39	40	46	46	7	
6	46	45	43	43	38	38	36	38	36	34	35	37	42	42	6	
5	41	41	38	38	34	34	32	34	32	30	31	34	39	39	5	
4	37	37	33	33	30	30	27	30	27	26	27	31	35	35	4	
3	33	33	28	28	25	26	23	26	23	22	23	27	32	32	3	
2	29	29	23	23	21	22	19	22	19	19	19	24	28	28	2	
1	25	25	18	18	17	18	15	17	14	15	15	21	25	25	1	
0	21	21	13	13	13	14		13							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 9-11 years
Age: 60-64 years
Race: Caucasian

	Summary scores			Executive functions					Attention/Working memory							
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	Scaled score	
19	91		100	98	97	89	83	91	85						19	
18	87	89	100	94	93	86	80	87	81	81				85	18	
17	83	85	100	90	88	82	76	83			88				17	
16	78	80	96	86	84	78	72	78	74		84				16	
15	74	76	90	82	79	74	69	74	70	71	80	72	69	73	15	
14	70	72	85	78	75	70	65	70	66	68	76		66		14	
13	66	67	79	74	71	67	62	65	62	65	72	65		65	13	
12	61	63	74	70	66	63	58	61	58		69	62	59	61	12	
11	57	59	69	66	62	59	54	57	54	58	65	58		58	11	
10	53	54	63	62	57	55	51	53	50	55	61	55	53	54	10	
9	49	50	58	58	53	51	47	48		52	57	52	50	50	9	
8	45	46	53	53	48	48	44	44	42	49	53	48	47	46	8	
7	40	41	47	49	44	44	40	40	38		49	45	44	42	7	
6	36	37	42	45	39	40	36	36	34	42	46	41	41	38	6	
5	32	33	37	41	35	36	33	31	31	39	42	38	38	34	5	
4	28	28	31	37	31	32	29	27	27		38	34	35	30	4	
3	23	24	26	33	26	29	26	23	23	33	34	31	31	26	3	
2	19	20	20	29	22	25	22	19	19		30	27	28	22	2	
1	15	15	15	25	17	21	18	14		26	26	24	25	18	1	
0		11	10	21				10		23	22	21	22		0	

Speed of information processing					Spatial skills				Verbal/Academic skills								Scaled score
Scaled score	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	96		99		98		95		93								19
18	92	97	94	85			91		89								18
17	88	93	90	81	90		87		84	90				81	81		17
16	85	89	85	77	86	84	83		80	85		78		77	78	77	16
15	81	84	81	73	82	80	79		76	80				73	74		15
14	77	80	76	69	78	76	75		72	76		70		70	70	69	14
13	73	76	72	64	74	72	71		68	71	65	66		66	67	65	13
12	69	71	67	60	70	68	67		64	67			61	62	63	61	12
11	65	67	63	56	66	64	63	60	59	62	56	58		58	59	57	11
10	61	62	59	52	62	59	58		55	58	52	54		55	56	53	10
9	57	58	54	48	58	55	54	49	51	53	48	50	46	51	52	49	9
8	53	54	50	44	54	51	50		47	49	44	46		47	48	45	8
7	49	49	45	40	50	47	46	37	43	44	40	42	37	44	45	41	7
6	45	45	41	36	46	43	42		39	40	35	38		40	41	37	6
5	41	41	36	32	42	39	38	26	34	35	31	34	27	36	37	33	5
4	37	36	32	28	38	35	34		30	30	27	30		33	34	30	4
3	33	32	27		34	31	30	14	26	26	23	27	17	29	30		3
2	29	28	23		30	27	26	9	22	21	18	23	13	25			2
1	25	23	19		26	22	22	3	18	17	14	19	8				1
0		19				18	18	0		12	10				19	14	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 9-11 years
Age: 60-64 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	93		88		90		86				91	99	97	88		19
18	89	94	84				82				87	95	93	84		18
17	85	89	80		81		78			84		91		80		17
16	80	85	76			73	74	72	78			86	85	76		16
15	76	80	72		72		70	68			75					15
14	72	76	68	65	67	65	66	64	69		72	78	77	69		14
13	68	71	63		63		62	61		68		74	73	65	59	13
12	63	66	59	58	58	58	58	57	60		64	69	69		56	12
11	59	62	55	55	54	54	53	53	56	60	60	65	65	58	52	11
10	55	57	51	51	49	50	49	49	51		56	61	61	54	49	10
9	51	53	47	48	45	46	45	46	47	52	52	57	57	50	45	9
8	46	48	43	45	40	42	41	42	42		48	52	53	47	42	8
7	42	44	39	41	35	38	37	38	38	44	44	48	48	43	38	7
6	38	39	35	38		34	33	34	33	40		44	44	39	35	6
5	33	35	31	34	26	30	29	30	29	36	37	40	40	35	31	5
4	29	30	27	31		26	25	27	24	32		35	36	32	28	4
3	25	26	23	27	17	22	20		20	28		31	32	28	24	3
2	21	21	19	24	13	18	16	19	15	24		27	28	24	21	2
1	16		15	20	8	14	12	15	11	21				20		1
0				17		10	8	12								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	100	100	100	96	93	91	96	96				88	88	19	
18	97	96	100	100	92	89	87	91	91				85	85	18	
17	93	91	100	100	88	85	83	87	87				81	81	17	
16	89	87	97	95	83	81	79	83	82				78	78	16	
15	85	83	91	90	79	77	75	79	78			68	74	74	15	
14	80	79	86	85	75	73	71	74	74	65			71	71	14	
13	76	75	81	80	71	69	67	70	69		63	62	67	67	13	
12	72	71	76	75	66	65	62	66	65	58			64	64	12	
11	68	67	71	70	62	61	58	62	61		56	55	60	60	11	
10	64	63	66	65	58	57	54	58	56	50	52	52	57	56	10	
9	60	59	61	60	54	53	50	53	52	46	48	49	53	53	9	
8	55	55	56	55	49	49	46	49	47	43	44	45	50	49	8	
7	51	51	51	50	45	45	42	45	43	39	40	42	46	46	7	
6	47	47	46	45	41	41	38	41	39	35	36	39	43	42	6	
5	43	43	40	41	36	37	34	36	34	31	32	35	39	39	5	
4	39	38	35	36	32	33	30	32	30	27	28	32	36	35	4	
3	34	34	30	31	28	29	25	28	25	24	24	29	32	32	3	
2	30	30	25	26	24	25	21	24	21	20	20	26	29	28	2	
1	26	26	20	21	19	21	17	20	17	16	16	22	25	25	1	
0	22	22	15	16	15	17		15							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 9-11 years
Age: 65-69 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	89		100	99	100	90	84	93	85						19
18	85	88	100	95	95	86	80	88	81	82				87	18
17	81	83	100	91	91	83	77	84			89				17
16	77	79	99	87	86	79	73	80	74		85				16
15	73	75	94	83	82	75	69	75	70	72	81	73	69	75	15
14	68	71	88	79	77	71	66	71	66	69	77		66		14
13	64	66	83	75	73	67	62	67	62	65	73	66		67	13
12	60	62	78	71	68	64	59	63	58		69	63	60	63	12
11	56	58	72	67	64	60	55	58	54	59	66	59		60	11
10	51	53	67	63	59	56	51	54	50	56	62	56	54	56	10
9	47	49	62	59	55	52	48	50		52	58	52	51	52	9
8	43	45	56	55	51	48	44	46	42	49	54	49	48	48	8
7	39	40	51	51	46	45	41	41	38		50	45	44	44	7
6	34	36	46	47	42	41	37	37	34	43	46	42	41	40	6
5	30	32	40	43	37	37	33	33	31	40	43	38	38	36	5
4	26	27	35	39	33	33	30	28	27		39	35	35	32	4
3	22	23	29	35	28	29	26	24	23	33	35	32	32	28	3
2	18	19	24	31	24	26	23	20	19		31	28	29	24	2
1	13	14	19	27	19	22	19	16		27	27	25	26	20	1
0		10	13	23				11		23	23	21	23		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	100		100		100		99		91								19
18	96	100	96	87			94		87								18
17	92	95	91	83	92		90		83	90				80	82		17
16	88	91	87	79	88	85	86		79	85		80		76	78	77	16
15	84	87	82	75	84	81	82		75	80				73	74		15
14	80	82	78	71	80	77	78		71	76		72		69	71	69	14
13	76	78	74	67	76	73	74		66	71	65	68		65	67	65	13
12	72	73	69	63	72	69	70		62	67			61	61	63	61	12
11	68	69	65	59	68	65	66	61	58	62	57	60		58	60	57	11
10	64	65	60	55	64	61	62		54	58	52	56		54	56	53	10
9	60	60	56	50	60	57	58	49	50	53	48	52	46	50	52	49	9
8	56	56	51	46	56	52	54		46	49	44	48		47	49	45	8
7	52	52	47	42	52	48	49	38	41	44	40	44	37	43	45	41	7
6	48	47	42	38	48	44	45		37	40	36	40		39	41	37	6
5	44	43	38	34	44	40	41	26	33	35	31	36	27	36	38	33	5
4	40	39	34	30	40	36	37		29	30	27	32		32	34	29	4
3	36	34	29		36	32	33	15	25	26	23	29	17	28	30		3
2	32	30	25		32	28	29	9	21	21	19	25	13	25			2
1	28	26	20		28	24	25	3	17	17	14	21	8				1
0		21				20	21	0		12	10				19	13	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 9-11 years
Age: 65-69 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	94		88		92		89				93	100	99	88		19
18	90	95	84				85				89	96	95	84		18
17	86	90	80		83		81			86		92		81		17
16	81	86	76			76	77	74	80			88	87	77		16
15	77	81	72		74		72	70			77					15
14	73	77	68	66	69	68	68	67	72		73	79	78	69		14
13	69	72	64		65		64	63		70		75	74	66	59	13
12	64	68	60	59	60	60	60	59	63		65	71	70		56	12
11	60	63	56	55	56	56	56	55	58	63	62	67	66	58	52	11
10	56	58	52	52	51	52	52	52	54		58	62	62	54	49	10
9	52	54	48	48	46	48	48	48	49	55	54	58	58	51	45	9
8	47	49	44	45	42	44	44	44	45		50	54	54	47	42	8
7	43	45	40	41	37	40	39	40	40	47	46	50	50	43	38	7
6	39	40	36	38		36	35	36	36	43		45	46	40	35	6
5	34	36	32	34	28	32	31	33	31	39	38	41	42	36	31	5
4	30	31	27	31		28	27	29	27	35		37	38	32	28	4
3	26	27	23	27	19	24	23		22	31		33	34	28	24	3
2	22	22	19	24	14	20	19	21	18	27		28	30	25	21	2
1	17		15	20	10	16	15	18	13	23				21		1
0			17			12	11	14								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	100	100	100	99	96	94	98	98				88	88	19	
18	99	97	100	100	95	92	90	94	94				85	85	18	
17	95	93	100	100	90	88	86	89	89				81	81	17	
16	90	89	99	98	86	84	81	85	85				78	78	16	
15	86	85	94	93	82	80	77	81	81			70	74	74	15	
14	82	80	89	88	78	76	73	77	76	67			71	71	14	
13	78	76	83	83	73	72	69	73	72		64	63	67	67	13	
12	74	72	78	78	69	68	65	68	68	59			64	64	12	
11	69	68	73	73	65	64	61	64	63		57	57	60	60	11	
10	65	64	68	68	61	60	57	60	59	52	53	54	57	57	10	
9	61	60	63	63	56	56	53	56	54	48	49	50	53	53	9	
8	57	56	58	58	52	52	48	52	50	44	45	47	50	50	8	
7	53	52	53	53	48	48	44	47	46	40	41	44	46	46	7	
6	49	48	48	48	44	44	40	43	41	36	37	40	43	42	6	
5	44	44	43	43	39	40	36	39	37	33	33	37	39	39	5	
4	40	40	38	38	35	36	32	35	32	29	29	34	36	35	4	
3	36	36	33	33	31	32	28	30	28	25	25	31	32	32	3	
2	32	32	27	28	27	28	24	26	24	21	21	27	29	28	2	
1	28	27	22	23	22	24	20	22	19	18	17	24	25	25	1	
0	23	23	17	18	18	20		18							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 9-11 years
Age: 70-74 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	88		100	100	100	91	84	94	85						19
18	84	87	100	97	98	87	81	90	81	82				89	18
17	79	82	100	93	93	83	77	85			89				17
16	75	78	100	89	89	80	74	81	74		86				16
15	71	74	98	85	84	76	70	77	70	72	82	74	70	78	15
14	67	69	92	81	80	72	66	73	66	69	78		67		14
13	62	65	87	77	75	68	63	68	62	66	74	67		70	13
12	58	61	82	73	71	64	59	64	58		70	63	61	66	12
11	54	56	76	69	66	61	56	60	54	59	66	60		62	11
10	50	52	71	65	62	57	52	55	50	56	63	56	54	58	10
9	46	48	65	61	57	53	48	51		53	59	53	51	54	9
8	41	44	60	57	53	49	45	47	42	50	55	50	48	50	8
7	37	39	55	53	49	45	41	43	38		51	46	45	46	7
6	33	35	49	49	44	42	38	38	34	43	47	43	42	42	6
5	29	31	44	45	40	38	34	34	31	40	43	39	39	38	5
4	24	26	39	41	35	34	30	30	27		40	36	36	34	4
3	20	22	33	37	31	30	27	26	23	34	36	32	33	30	3
2	16	18	28	33	26	27	23	21	19		32	29	29	26	2
1	12	13	23	29	22	23	20	17		27	28	25	26	23	1
0		9	17	25				13		24	24	22	23		0

Speed of information processing					Spatial skills				Verbal/Academic skills								Scaled score
Scaled score	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCR N	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	100		100		100		100		90								19
18	99	100	97	90			98		86								18
17	95	98	93	85	94		94		82	90				79	82		17
16	91	93	88	81	90	86	90		78	85		82		75	78	77	16
15	87	89	84	77	86	82	86		73	80				72	75		15
14	83	84	80	73	82	78	82		69	76		74		68	71	69	14
13	79	80	75	69	78	74	78		65	71	65	70		64	67	65	13
12	75	76	71	65	74	70	74		61	67			61	61	64	61	12
11	71	71	66	61	70	66	70	61	57	62	57	62		57	60	57	11
10	67	67	62	57	66	62	65		53	58	53	58		53	56	53	10
9	63	63	57	53	62	58	61	49	48	53	48	54	46	50	53	49	9
8	59	58	53	49	58	54	57		44	49	44	50		46	49	45	8
7	55	54	49	45	54	50	53	38	40	44	40	46	37	42	45	41	7
6	51	50	44	41	50	45	49		36	40	36	43		39	42	37	6
5	47	45	40	37	46	41	45	26	32	35	32	39	27	35	38	33	5
4	43	41	35	33	42	37	41		28	30	27	35		31	34	29	4
3	39	37	31		38	33	37	15	24	26	23	31	18	28	31		3
2	35	32	26		34	29	33	9	19	21	19	27	13	24			2
1	31	28	22		30	25	29	3	15	17	15	23	8				1
0		24				21	25	0		12	10				20	13	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 9-11 years
Age: 70-74 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	95		89		94		92				94	100	100	89		19
18	91	96	84				88				90	98	96	85		18
17	87	91	80		85		84			89		94		81		17
16	82	87	76			78	79	77	83			89	88	77		16
15	78	82	72		76		75	73			79					15
14	74	78	68	66	72	70	71	69	74		75	81	80	70		14
13	70	73	64		67		67	66		73		77	76	66	60	13
12	65	69	60	59	62	63	63	62	65		67	72	72		56	12
11	61	64	56	55	58	59	59	58	61	65	63	68	68	59	52	11
10	57	60	52	52	53	55	55	54	56		59	64	64	55	49	10
9	52	55	48	48	49	51	51	50	52	57	55	60	60	51	45	9
8	48	50	44	45	44	47	46	47	47		52	55	56	48	42	8
7	44	46	40	41	39	43	42	43	43	49	48	51	52	44	38	7
6	40	41	36	38		39	38	39	38	45		47	48	40	35	6
5	35	37	32	34	30	35	34	35	34	41	40	43	44	36	31	5
4	31	32	28	31		31	30	32	29	37		39	40	33	28	4
3	27	28	24	27	21	27	26		25	33		34	36	29	24	3
2	23	23	20	24	17	23	22	24	20	29		30	31	25	21	2
1	18		16	21	12	19	18	20	16	25				21		1
0				17		15	13	16								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	100	100	100	100	98	97	100	100				88	88	19	
18	100	98	100	100	98	94	92	96	97				85	85	18	
17	96	94	100	100	94	90	88	92	92				81	81	17	
16	92	90	100	100	89	86	84	88	88				78	78	16	
15	88	86	96	95	85	82	80	84	84			72	74	74	15	
14	84	82	91	90	81	78	76	79	79	68			71	71	14	
13	80	78	86	85	77	74	72	75	75		65	65	67	67	13	
12	76	73	81	80	72	70	68	71	70	61			64	64	12	
11	71	69	76	75	68	66	64	67	66		57	59	60	60	11	
10	67	65	71	70	64	62	59	63	62	53	54	56	57	57	10	
9	63	61	65	65	60	58	55	58	57	50	50	52	53	53	9	
8	59	57	60	60	55	54	51	54	53	46	46	49	50	50	8	
7	55	53	55	55	51	50	47	50	48	42	42	46	46	46	7	
6	50	49	50	50	47	46	43	46	44	38	38	42	43	43	6	
5	46	45	45	45	43	42	39	41	40	34	34	39	39	39	5	
4	42	41	40	40	38	38	35	37	35	31	30	36	36	36	4	
3	38	37	35	35	34	34	31	33	31	27	26	33	32	32	3	
2	34	33	30	30	30	30	26	29	27	23	22	29	29	28	2	
1	30	29	25	25	26	26	22	25	22	19	18	26	25	25	1	
0	25	25	20	20	21	22		20							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 9-11 years
Age: 75-79 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	86		100	100	100	92	85	95	85						19
18	82	86	100	99	100	88	81	91	81	83				92	18
17	78	81	100	95	96	84	78	87			90				17
16	74	77	100	91	91	80	74	83	74		87				16
15	69	73	100	87	87	77	71	78	70	73	83	74	71	80	15
14	65	68	96	83	82	73	67	74	66	70	79		67		14
13	61	64	91	79	78	69	63	70	62	66	75	67		72	13
12	57	60	86	75	73	65	60	65	58		71	64	61	68	12
11	52	55	80	71	69	62	56	61	54	60	67	61		64	11
10	48	51	75	67	65	58	53	57	50	57	64	57	55	60	10
9	44	47	70	63	60	54	49	53		53	60	54	52	57	9
8	40	42	64	59	56	50	45	48	42	50	56	50	49	53	8
7	35	38	59	55	51	46	42	44	38		52	47	46	49	7
6	31	34	54	51	47	43	38	40	34	44	48	43	43	45	6
5	27	29	48	47	42	39	35	36	31	41	44	40	39	41	5
4	23	25	43	43	38	35	31	31	27		41	36	36	37	4
3	19	21	37	39	33	31	28	27	23	34	37	33	33	33	3
2	14	16	32	35	29	27	24	23	19		33	30	30	29	2
1	10	12	27	31	24	24	20	18		28	29	26	27	25	1
0		8	21	26				14		24	25	23	24		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	100		100		100		100		89								19
18	100	100	99	92			100		85								18
17	98	100	95	88	96		98		80	90				78	82		17
16	94	95	90	84	92	88	94		76	85		84		75	79	77	16
15	90	91	86	80	88	84	90		72	80				71	75		15
14	86	87	81	76	84	79	86		68	76		76		67	71	69	14
13	82	82	77	72	80	75	82		64	71	65	73		64	68	65	13
12	78	78	72	68	76	71	78		60	67			61	60	64	61	12
11	74	74	68	64	72	67	74	61	55	62	57	65		56	60	57	11
10	70	69	63	60	68	63	70		51	58	53	61		52	57	53	10
9	66	65	59	56	64	59	66	50	47	53	49	57	46	49	53	49	9
8	62	61	55	52	60	55	62		43	49	44	53		45	49	45	8
7	58	56	50	48	56	51	57	38	39	44	40	49	37	41	46	41	7
6	54	52	46	44	52	47	53		35	40	36	45		38	42	37	6
5	50	48	41	40	48	43	49	27	31	35	32	41	27	34	38	33	5
4	46	43	37	36	44	38	45		26	30	28	37		30	35	29	4
3	42	39	32		40	34	41	15	22	26	23	33	18	27	31		3
2	38	35	28		36	30	37	10	18	21	19	29	13	23			2
1	34	30	24		32	26	33	4	14	17	15	25	8				1
0		26				22	29	0		12	11				20	13	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 9-11 years
Age: 75-79 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	96		89		97		95				96	100	100	89		19
18	92	97	85				91				92	99	98	85		18
17	88	92	81		88		87			92		95		82		17
16	83	88	77			81	83	80	86			91	90	78		16
15	79	83	73		79		79	76			80					15
14	75	79	69	66	74	74	75	72	77		76	82	82	70		14
13	70	74	65		69		70	69		76		78	78	67	60	13
12	66	70	61	59	65	66	66	65	68		69	74	74		56	12
11	62	65	57	55	60	62	62	61	64	68	65	70	69	59	53	11
10	58	61	53	52	56	58	58	57	59		61	66	65	55	49	10
9	53	56	48	48	51	54	54	54	55	60	57	61	61	52	46	9
8	49	52	44	45	46	50	50	50	50		53	57	57	48	42	8
7	45	47	40	42	42	46	46	46	46	52	49	53	53	44	38	7
6	41	43	36	38		42	42	42	41	48		49	49	41	35	6
5	36	38	32	35	33	38	37	38	37	44	42	44	45	37	31	5
4	32	33	28	31		34	33	35	32	40		40	41	33	28	4
3	28	29	24	28	24	30	29		28	36		36	37	29	24	3
2	23	24	20	24	19	26	25	27	23	32		32	33	26	21	2
1	19		16	21	14	22	21	23	19	28				22		1
0				17		18	17	20								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons														Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L	
19	100	100	100	100	100	100	100	100	100				88	89	19
18	100	99	100	100	100	97	96	99	100				85	85	18
17	99	95	100	100	97	93	92	95	95				81	82	17
16	94	91	100	100	93	89	87	91	91				78	78	16
15	90	87	98	97	89	85	83	86	87			74	74	74	15
14	86	83	93	92	84	81	79	82	82	70			71	71	14
13	82	79	88	87	80	77	75	78	78		66	68	67	67	13
12	78	75	83	83	76	73	71	74	73	63			64	64	12
11	73	70	78	78	71	69	67	70	69		58	61	60	60	11
10	69	66	73	73	67	65	63	65	65	55	54	58	57	57	10
9	65	62	68	68	63	61	59	61	60	52	51	55	53	53	9
8	61	58	63	63	59	57	54	57	56	48	47	51	50	50	8
7	57	54	58	58	54	53	50	53	51	44	43	48	46	46	7
6	53	50	53	53	50	49	46	48	47	40	39	45	43	43	6
5	48	46	47	48	46	45	42	44	43	36	35	41	39	39	5
4	44	42	42	43	42	41	38	40	38	33	31	38	36	36	4
3	40	38	37	38	37	37	34	36	34	29	27	35	32	32	3
2	36	34	32	33	33	33	30	32	30	25	23	32	29	29	2
1	32	30	27	28	29	29	26	27	25	21	19	28	25	25	1
0	27	26	22	23	25	25		23							0

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 9-11 years
Age: 80-85 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	86		100	100	100	93	86	97	85						19
18	82	84	100	100	100	89	82	93	81	83				95	18
17	78	80	100	97	99	85	79	88			91				17
16	74	76	100	93	94	81	75	84	74		88				16
15	69	71	100	89	90	78	71	80	70	73	84	75	71	83	15
14	65	67	100	85	85	74	68	76	66	70	80		68		14
13	61	63	96	81	81	70	64	71	62	67	76	68		76	13
12	57	58	91	77	77	66	61	67	58		72	65	62	72	12
11	52	54	85	73	72	62	57	63	54	60	68	61		68	11
10	48	50	80	69	68	59	53	58	50	57	65	58	56	64	10
9	44	46	74	65	63	55	50	54		54	61	54	53	60	9
8	40	41	69	61	59	51	46	50	42	51	57	51	49	56	8
7	35	37	64	57	54	47	43	46	38		53	48	46	52	7
6	31	33	58	52	50	43	39	41	34	44	49	44	43	48	6
5	27	28	53	48	45	40	35	37	31	41	45	41	40	44	5
4	23	24	48	44	41	36	32	33	27		42	37	37	40	4
3	19	20	42	40	36	32	28	29	23	35	38	34	34	36	3
2	14	15	37	36	32	28	25	24	19		34	30	31	32	2
1	10	11	32	32	28	24	21	20		28	30	27	28	28	1
0		7	26	28				16		25	26	23	24		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	100		100		100		100		89								19
18	100	100	100	96			100		85								18
17	98	100	96	92	96		100		80	90				77	83		17
16	94	98	92	88	92	89	100		76	85		87		73	79	77	16
15	90	94	88	84	88	85	96		72	80				70	75		15
14	86	89	83	80	84	81	92		68	76		79		66	72	69	14
13	82	85	79	76	80	77	87		64	71	66	75		62	68	65	13
12	78	81	74	72	76	73	83		60	67			61	59	64	61	12
11	74	76	70	68	72	69	79	62	55	62	57	67		55	61	57	11
10	70	72	65	64	68	64	75		51	58	53	63		51	57	53	10
9	66	68	61	60	64	60	71	50	47	53	49	60	46	48	53	49	9
8	62	63	56	55	60	56	67		43	49	45	56		44	50	45	8
7	58	59	52	51	56	52	63	39	39	44	40	52	37	40	46	41	7
6	54	55	48	47	52	48	59		35	40	36	48		37	42	37	6
5	50	50	43	43	48	44	55	27	31	35	32	44	27	33	39	33	5
4	46	46	39	39	44	40	51		26	30	28	40		29	35	29	4
3	42	42	34		40	36	47	16	22	26	24	36	18	26	31		3
2	38	37	30		36	32	42	10	18	21	19	32	13	22			2
1	34	33	25		32	27	38	4	14	17	15	28	8				1
0		28				23	34	0		12	11				20	13	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 9-11 years
Age: 80-85 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	97		89		100		99				98	100	100	90		19
18	93	98	85				95				94	100	100	86		18
17	89	93	81		91		91			96		97		82		17
16	84	89	77			85	87	84	90			93	92	78		16
15	80	84	73		82		83	80			82					15
14	76	80	69	66	77	77	79	76	81		78	84	83	71		14
13	72	75	65		73		75	72		80		80	79	67	60	13
12	67	71	61	59	68	70	70	69	72		70	76	75		56	12
11	63	66	57	56	63	66	66	65	67	72	67	71	71	60	53	11
10	59	62	53	52	59	62	62	61	63		63	67	67	56	49	10
9	54	57	49	49	54	58	58	57	58	64	59	63	63	52	46	9
8	50	53	45	45	50	54	54	54	54		55	59	59	49	42	8
7	46	48	41	42	45	50	50	50	49	56	51	54	55	45	39	7
6	42	44	37	38		46	46	46	45	52		50	51	41	35	6
5	37	39	33	35	36	42	42	42	40	48	43	46	47	37	32	5
4	33	35	29	31		38	37	38	36	44		42	43	34	28	4
3	29	30	25	28	27	34	33		31	40		38	39	30	24	3
2	25	26	21	24	22	30	29	31	27	36		33	35	26	21	2
1	20		17	21	18	26	25	27	22	32				22		1
0			17			22	21	23								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	100	100	100	100	100	100	100	100				88	89	19	
18	100	100	100	100	100	100	100	100	100				85	85	18	
17	100	96	100	100	100	97	96	98	99				81	82	17	
16	97	92	100	100	97	93	91	94	94				78	78	16	
15	93	88	100	100	92	89	87	90	90			77	74	75	15	
14	89	84	96	95	88	85	83	85	86	73			71	71	14	
13	85	80	91	90	84	81	79	81	81		67	71	67	68	13	
12	80	76	86	85	80	77	75	77	77	65			64	64	12	
11	76	72	81	80	75	73	71	73	73		59	64	60	61	11	
10	72	67	76	75	71	69	67	69	68	58	56	61	57	57	10	
9	68	63	71	70	67	65	63	64	64	54	52	58	53	53	9	
8	64	59	65	65	63	61	59	60	59	50	48	54	50	50	8	
7	59	55	60	60	58	57	54	56	55	47	44	51	46	46	7	
6	55	51	55	55	54	53	50	52	51	43	40	48	43	43	6	
5	51	47	50	50	50	49	46	47	46	39	36	44	39	39	5	
4	47	43	45	46	46	45	42	43	42	35	32	41	36	36	4	
3	43	39	40	41	41	41	38	39	38	31	28	38	32	32	3	
2	39	35	35	36	37	37	34	35	33	28	24	35	29	29	2	
1	34	31	30	31	33	33	30	31	29	24	20	31	25	25	1	
0	30	27	25	26	29	29		26							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 12 years
Age: 20-34 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	90		90	83	83	81	77	79	82						19
18	86	92	85	79	78	77	73	75	78	76				76	18
17	82	87	79	75	74	73	70	71			79				17
16	77	83	74	71	69	70	66	67	71		75				16
15	73	79	69	67	65	66	63	62	67	66	72	65	61	65	15
14	69	74	63	63	61	62	59	58	63	63	68		58		14
13	65	70	58	59	56	58	55	54	59	59	64	58		57	13
12	60	66	53	55	52	54	52	50	55		60	54	52	53	12
11	56	61	47	51	47	51	48	45	51	53	56	51		49	11
10	52	57	42	47	43	47	45	41	47	50	52	48	46	45	10
9	48	53	36	43	38	43	41	37		47	49	44	43	41	9
8	43	48	31	39	34	39	38	32	39	43	45	41	40	37	8
7	39	44	26	35	29	35	34	28	35		41	37	37	33	7
6	35	40	20	31	25	32	30	24	31	37	37	34	33	29	6
5	31	35	15	27	20	28	27	20	28	34	33	30	30	25	5
4	27	31	10	23	16	24	23	15	24		29	27	27	21	4
3	22	27	4	19	12	20	20	11	20	27	26	23	24	18	3
2	18	23	0	15	7	16	16	7	16		22	20	21	14	2
1	14	18	0	11	3	13	12	3		21	18	17	18	10	1
0		14	0	7				0		17	14	13	15		0

Speed of information processing					Spatial skills				Verbal/Academic skills								Scaled score
Scaled score	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	85		84		89		83		91								19
18	81	78	80	77			79		86								18
17	77	74	75	73	81		75		82	85				79	76		17
16	73	69	71	69	77	73	71		78	80		72		75	72	74	16
15	69	65	66	65	73	69	67		74	76				72	68		15
14	65	61	62	61	69	65	62		70	71		64		68	65	66	14
13	61	56	58	56	65	61	58		66	67	60	60		64	61	62	13
12	57	52	53	52	61	57	54		62	62			58	61	57	58	12
11	53	48	49	48	57	53	50	56	57	57	51	52		57	54	54	11
10	49	43	44	44	53	49	46		53	53	47	48		53	50	50	10
9	45	39	40	40	49	45	42	44	49	48	43	44	44	50	46	46	9
8	41	35	35	36	45	41	38		45	44	39	41		46	43	42	8
7	37	30	31	32	41	36	34	33	41	39	35	37	34	42	39	38	7
6	33	26	26	28	37	32	30		37	35	30	33		39	35	34	6
5	29	22	22	24	33	28	26	21	32	30	26	29	24	35	32	30	5
4	25	17	18	20	29	24	22		28	26	22	25		31	28	26	4
3	21	13	13		25	20	18	10	24	21	18	21	15	28	24		3
2	17	9	9		21	16	13	4	20	17	14	17	10	24			2
1	13	4	4		17	12	9	0	16	12	9	13	5				1
0		0				8	5	0		7	5				13	10	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 12 years
Age: 20-34 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	86		84		83		76				79	86	83	83		19
18	82	87	80				72				75	81	79	79		18
17	78	82	76		74		68			75		77		75		17
16	74	77	72			63	64	62	69			73	71	71		16
15	69	73	68		65		60	59			63					15
14	65	68	63	63	60	55	55	55	60		59	64	63	64		14
13	61	64	59		55		51	51		59		60	59	60	58	13
12	57	59	55	56	51	47	47	47	51		52	56	55		55	12
11	52	55	51	53	46	43	43	43	47	51	48	52	51	53	51	11
10	48	50	47	49	42	40	39	40	42		44	47	47	49	48	10
9	44	46	43	46	37	36	35	36	38	43	40	43	43	45	44	9
8	39	41	39	42	33	32	31	32	33		36	39	39	42	41	8
7	35	37	35	39	28	28	27	28	29	35	32	35	35	38	37	7
6	31	32	31	35		24	22	25	24	31		31	31	34	34	6
5	27	28	27	32	19	20	18	21	20	27	24	26	27	30	30	5
4	22	23	23	29		16	14	17	15	23		22	23	27	27	4
3	18	19	19	25	10	12	10		11	19		18	19	23	23	3
2	14	14	15	22	5	8	6	9	6	15		14	15	19	19	2
1	10		11	18	0	4	2	6	2	11				16		1
0				15		0	0	2								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	94	91	100	100	81	79	82	83	82				86	86	19	
18	90	87	100	97	76	75	78	79	77				83	83	18	
17	86	82	94	92	72	71	74	74	73				79	79	17	
16	82	78	89	87	68	67	70	70	69				76	75	16	
15	77	74	84	82	64	63	66	66	64			61	72	72	15	
14	73	70	79	77	59	59	62	62	60	59			69	68	14	
13	69	66	74	72	55	55	58	58	55		56	55	65	65	13	
12	65	62	69	67	51	51	54	53	51	52			62	61	12	
11	61	58	64	63	47	47	49	49	47		48	48	58	58	11	
10	56	54	59	58	42	43	45	45	42	44	44	45	55	54	10	
9	52	50	54	53	38	39	41	41	38	40	40	42	51	51	9	
8	48	46	49	48	34	35	37	36	33	36	36	38	48	47	8	
7	44	42	43	43	30	31	33	32	29	33	32	35	44	44	7	
6	40	38	38	38	25	27	29	28	25	29	28	32	41	40	6	
5	36	34	33	33	21	23	25	24	20	25	25	28	37	37	5	
4	31	29	28	28	17	19	21	20	16	21	21	25	34	33	4	
3	27	25	23	23	13	15	16	15	12	17	17	22	30	30	3	
2	23	21	18	18	8	11	12	11	7	14	13	19	27	26	2	
1	19	17	13	13	4	7	8	7	3	10	9	15	23	23	1	
0	15	13	8	8	0	3		3							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 12 years
Age: 35-39 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	88		94	87	85	83	78	82	82						19
18	84	89	88	83	81	79	75	78	78	77				77	18
17	80	85	83	79	76	75	71	74			81				17
16	76	81	78	75	72	71	68	69	71		77				16
15	71	77	72	71	67	67	64	65	67	67	73	66	63	66	15
14	67	72	67	67	63	64	60	61	63	64	70		60		14
13	63	68	61	63	58	60	57	57	59	60	66	59		58	13
12	59	64	56	59	54	56	53	52	55		62	56	53	54	12
11	55	59	51	55	49	52	50	48	51	54	58	52		50	11
10	50	55	45	51	45	48	46	44	47	51	54	49	47	46	10
9	46	51	40	47	41	45	42	40		48	50	46	44	42	9
8	42	46	35	43	36	41	39	35	39	44	47	42	41	38	8
7	38	42	29	39	32	37	35	31	35		43	39	38	34	7
6	33	38	24	35	27	33	32	27	31	38	39	35	35	30	6
5	29	33	19	31	23	30	28	22	28	35	35	32	32	26	5
4	25	29	13	26	18	26	24	18	24		31	28	28	22	4
3	21	25	8	22	14	22	21	14	20	28	27	25	25	19	3
2	16	20	3	18	9	18	17	10	16		24	21	22	15	2
1	12	16	0	14	5	14	14	5		22	20	18	19	11	1
0		12	0	10				1		18	16	15	16		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	88		87		90		85		89								19
18	84	86	83	78			80		85								18
17	80	81	79	74	82		76		81	85				79	76		17
16	76	77	74	70	78	76	72		77	80		70		75	73	73	16
15	72	73	70	66	74	72	68		73	76				71	69		15
14	68	68	65	62	70	68	64		68	71		62		68	65	65	14
13	64	64	61	58	66	63	60		64	67	60	58		64	62	61	13
12	60	60	56	53	62	59	56		60	62			58	60	58	57	12
11	56	55	52	49	58	55	52	56	56	57	52	50		57	54	53	11
10	52	51	48	45	54	51	48		52	53	48	46		53	51	49	10
9	48	47	43	41	50	47	44	45	48	48	43	42	44	49	47	46	9
8	44	42	39	37	46	43	40		44	44	39	39		46	43	42	8
7	40	38	34	33	42	39	35	33	39	39	35	35	34	42	40	38	7
6	36	34	30	29	38	35	31		35	35	31	31		38	36	34	6
5	32	29	25	25	34	31	27	22	31	30	27	27	25	35	32	30	5
4	28	25	21	21	30	27	23		27	26	22	23		31	29	26	4
3	24	21	16		26	22	19	10	23	21	18	19	15	27	25		3
2	20	16	12		22	18	15	5	19	17	14	15	10	24			2
1	16	12	8		18	14	11	0	14	12	10	11	5				1
0		8				10	7	0		7	6				14	10	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 12 years
Age: 35-39 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	88		84		84		77				82	89	87	84		19
18	84	89	80				73				78	84	83	80		18
17	80	84	76		75		69			76		80		76		17
16	76	80	72			64	65	63	70			76	74	72		16
15	71	75	68		66		61	60			66					15
14	67	71	64	64	61	57	57	56	61		63	68	66	65		14
13	63	66	60		56		53	52		60		63	62	61	58	13
12	58	61	56	57	52	49	48	48	52		55	59	58		55	12
11	54	57	52	53	47	45	44	45	48	52	51	55	54	54	51	11
10	50	52	48	50	43	41	40	41	43		47	51	50	50	48	10
9	46	48	44	46	38	37	36	37	39	44	43	46	46	46	44	9
8	41	43	40	43	33	33	32	33	34		39	42	42	43	41	8
7	37	39	36	39	29	29	28	29	30	36	35	38	38	39	37	7
6	33	34	32	36		25	24	26	25	32		34	34	35	34	6
5	29	30	28	32	20	21	19	22	21	28	28	29	30	31	30	5
4	24	25	24	29		17	15	18	16	24		25	26	28	27	4
3	20	21	20	25	11	13	11		12	20		21	22	24	23	3
2	16	16	16	22	6	9	7	11	7	16		17	18	20	20	2
1	11		12	18	1	5	3	7	3	12				16		1
0				15		1	0	3								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	95	91	100	100	84	82	84	85	84				86	86	19	
18	91	87	99	97	79	78	79	81	80				83	83	18	
17	86	83	93	92	75	74	75	77	75				79	79	17	
16	82	79	88	87	71	70	71	73	71				76	76	16	
15	78	75	83	82	67	66	67	68	67			62	72	72	15	
14	74	71	78	77	62	62	63	64	62	60			69	69	14	
13	70	67	73	72	58	58	59	60	58		58	56	65	65	13	
12	66	63	68	67	54	54	55	56	54	52			62	62	12	
11	61	59	63	62	50	50	51	51	49		50	49	58	58	11	
10	57	54	58	57	45	46	46	47	45	45	46	46	55	55	10	
9	53	50	53	52	41	42	42	43	40	41	42	42	51	51	9	
8	49	46	48	47	37	38	38	39	36	37	38	39	48	47	8	
7	45	42	42	42	33	34	34	35	32	33	34	36	44	44	7	
6	40	38	37	37	28	30	30	30	27	30	30	33	41	40	6	
5	36	34	32	32	24	26	26	26	23	26	26	29	37	37	5	
4	32	30	27	27	20	22	22	22	19	22	22	26	34	33	4	
3	28	26	22	22	16	18	18	18	14	18	19	23	30	30	3	
2	24	22	17	17	11	14	14	13	10	14	15	19	27	26	2	
1	20	18	12	12	7	10	9	9	5	11	11	16	23	23	1	
0	15	14	7	7	3	6		5							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 12 years
Age: 40-44 years
Race: Caucasian

	Summary scores			Executive functions					Attention/Working memory							
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	Scaled score	
19	88		96	88	86	84	79	84	82						19	
18	84	88	90	84	82	81	75	79	78	77				78	18	
17	80	84	85	80	77	77	72	75			82				17	
16	76	80	80	76	73	73	68	71	71		78				16	
15	71	75	74	72	69	69	65	67	67	67	74	67	63	66	15	
14	67	71	69	68	64	66	61	62	63	64	70		60		14	
13	63	67	64	64	60	62	57	58	59	61	67	60		59	13	
12	59	62	58	60	55	58	54	54	55		63	57	54	55	12	
11	55	58	53	56	51	54	50	50	51	54	59	53		51	11	
10	50	54	48	52	46	50	47	45	47	51	55	50	48	47	10	
9	46	49	42	48	42	47	43	41		48	51	46	45	43	9	
8	42	45	37	44	37	43	39	37	39	45	47	43	41	39	8	
7	38	41	32	40	33	39	36	32	35		44	39	38	35	7	
6	33	37	26	36	29	35	32	28	31	38	40	36	35	31	6	
5	29	32	21	32	24	31	29	24	28	35	36	32	32	27	5	
4	25	28	15	28	20	28	25	20	24		32	29	29	23	4	
3	21	24	10	24	15	24	21	15	20	29	28	26	26	19	3	
2	16	19	5	20	11	20	18	11	16		24	22	23	15	2	
1	12	15	0	16	6	16	14	7		22	21	19	20	11	1	
0		11	0	12				3		19	17	15	17		0	

Speed of information processing					Spatial skills				Verbal/Academic skills								Scaled score
Scaled score	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	88		89		90		86		89								19
18	84	88	85	79			82		85								18
17	80	84	80	75	82		78		81	85				78	77		17
16	76	79	76	71	78	77	73		77	80		70		75	73	73	16
15	72	75	71	66	74	73	69		73	76				71	69		15
14	68	71	67	62	70	69	65		68	71		62		67	66	65	14
13	64	66	62	58	66	65	61		64	67	61	58		64	62	61	13
12	60	62	58	54	62	61	57		60	62			58	60	58	57	12
11	56	58	54	50	58	56	53	57	56	57	52	50		56	55	53	11
10	52	53	49	46	54	52	49		52	53	48	47		53	51	49	10
9	48	49	45	42	50	48	45	45	48	48	44	43	44	49	47	45	9
8	44	45	40	38	46	44	41		44	44	39	39		45	44	41	8
7	40	40	36	34	42	40	37	34	39	39	35	35	34	42	40	37	7
6	36	36	31	30	38	36	33		35	35	31	31		38	36	33	6
5	32	32	27	26	34	32	28	22	31	30	27	27	25	34	33	29	5
4	28	27	23	22	30	28	24		27	26	23	23		31	29	26	4
3	24	23	18		26	24	20	11	23	21	18	19	15	27	25		3
2	20	19	14		22	20	16	5	19	17	14	15	10	23			2
1	16	14	9		18	15	12	0	14	12	10	11	5				1
0		10				11	8	0		7	6				14	10	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 12 years
Age: 40-44 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	89		85		85		78				84	90	88	84		19
18	85	90	81				74				80	86	84	80		18
17	81	85	77		75		70			77		82		77		17
16	76	81	73			65	66	64	71			78	76	73		16
15	72	76	69		66		62	61			68					15
14	68	72	65	64	62	57	58	57	62		64	69	68	65		14
13	64	67	61		57		53	53		61		65	64	62	59	13
12	59	63	57	57	53	49	49	49	53		56	61	60		55	12
11	55	58	52	53	48	46	45	45	48	53	52	56	56	54	52	11
10	51	54	48	50	43	42	41	42	44		49	52	52	51	48	10
9	47	49	44	46	39	38	37	38	39	45	45	48	48	47	44	9
8	42	44	40	43	34	34	33	34	35		41	44	44	43	41	8
7	38	40	36	39	30	30	29	30	30	37	37	39	40	39	37	7
6	34	35	32	36		26	25	27	26	33		35	36	36	34	6
5	29	31	28	32	20	22	20	23	22	29	29	31	32	32	30	5
4	25	26	24	29		18	16	19	17	25		27	28	28	27	4
3	21	22	20	26	11	14	12		13	21		22	23	24	23	3
2	17	17	16	22	7	10	8	11	8	17		18	19	21	20	2
1	12		12	19	2	6	4	8	4	13				17		1
0				15		2	0	4								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	95	92	100	100	85	83	84	87	86				86	86	19	
18	91	88	99	98	81	79	80	82	81				83	83	18	
17	87	84	94	93	77	75	76	78	77				79	79	17	
16	83	80	89	88	73	71	72	74	73				76	76	16	
15	79	76	84	83	68	67	68	70	68			63	72	72	15	
14	75	72	79	78	64	63	64	66	64	60			69	69	14	
13	70	68	74	73	60	59	60	61	60		59	56	65	65	13	
12	66	64	69	68	56	55	56	57	55	53			62	62	12	
11	62	60	64	63	51	51	52	53	51		51	50	58	58	11	
10	58	56	59	58	47	47	47	49	46	45	47	46	55	55	10	
9	54	52	54	53	43	43	43	44	42	41	43	43	51	51	9	
8	49	48	48	48	39	39	39	40	38	38	39	40	48	48	8	
7	45	43	43	43	34	35	35	36	33	34	35	37	44	44	7	
6	41	39	38	38	30	31	31	32	29	30	31	33	41	41	6	
5	37	35	33	33	26	27	27	28	24	26	27	30	37	37	5	
4	33	31	28	28	22	23	23	23	20	23	23	27	34	33	4	
3	29	27	23	23	17	19	19	19	16	19	20	23	30	30	3	
2	24	23	18	18	13	15	14	15	11	15	16	20	27	26	2	
1	20	19	13	13	9	11	10	11	7	11	12	17	23	23	1	
0	16	15	8	8	5	7		6							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 12 years
Age: 45-49 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	87		98	90	88	85	80	85	82						19
18	83	87	93	86	84	82	76	81	78	78				79	18
17	78	83	88	82	79	78	72	77			83				17
16	74	79	82	78	75	74	69	72	71		79				16
15	70	74	77	74	70	70	65	68	67	68	75	68	64	67	15
14	66	70	72	70	66	66	62	64	63	65	71		61		14
13	61	66	66	66	61	63	58	59	59	61	67	61		59	13
12	57	61	61	62	57	59	54	55	55		64	57	54	56	12
11	53	57	55	58	52	55	51	51	51	55	60	54		52	11
10	49	53	50	54	48	51	47	47	47	52	56	50	48	48	10
9	44	48	45	50	43	47	44	42		49	52	47	45	44	9
8	40	44	39	46	39	44	40	38	39	45	48	44	42	40	8
7	36	40	34	42	35	40	36	34	35		44	40	39	36	7
6	32	35	29	38	30	36	33	30	31	39	41	37	36	32	6
5	28	31	23	34	26	32	29	25	28	36	37	33	33	28	5
4	23	27	18	30	21	28	26	21	24		33	30	30	24	4
3	19	22	13	26	17	25	22	17	20	29	29	26	26	20	3
2	15	18	7	22	12	21	19	12	16		25	23	23	16	2
1	11	14	2	18	8	17	15	8		23	21	19	20	12	1
0		9	0	14				4		19	18	16	17		0

Speed of information processing					Spatial skills				Verbal/Academic skills								Scaled score
Scaled score	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	91		91		92		87		88								19
18	87	90	86	80			83		84								18
17	83	86	82	76	84		79		80	85				78	77		17
16	79	82	77	72	80	78	75		75	80		71		74	73	73	16
15	75	77	73	68	76	74	71		71	76				71	70		15
14	71	73	69	63	72	70	67		67	71		63		67	66	65	14
13	67	69	64	59	68	66	63		63	67	61	59		63	62	61	13
12	63	64	60	55	64	62	59		59	62			58	60	59	57	12
11	59	60	55	51	60	58	55	57	55	57	52	51		56	55	53	11
10	55	56	51	47	56	54	50		51	53	48	47		52	51	49	10
9	51	51	46	43	52	49	46	46	46	48	44	43	44	49	48	45	9
8	47	47	42	39	48	45	42		42	44	40	39		45	44	41	8
7	43	43	37	35	44	41	38	34	38	39	35	35	34	41	40	37	7
6	39	38	33	31	40	37	34		34	35	31	31		38	37	33	6
5	35	34	29	27	36	33	30	23	30	30	27	28	25	34	33	29	5
4	31	30	24	23	32	29	26		26	26	23	24		30	29	25	4
3	27	25	20		28	25	22	11	21	21	19	20	15	27	26		3
2	23	21	15		24	21	18	5	17	17	14	16	10	23			2
1	19	17	11		20	17	14	0	13	12	10	12	5				1
0		12				13	10	0		7	6				15	10	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 12 years
Age: 45-49 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	90		85		85		79				85	92	90	85		19
18	86	91	81				75				81	88	86	81		18
17	82	86	77		76		71			78		83		77		17
16	77	82	73			66	67	65	72			79	78	73		16
15	73	77	69		67		63	62			70					15
14	69	73	65	64	63	59	59	58	63		66	71	70	66		14
13	65	68	61		58		55	54		62		66	66	62	59	13
12	60	64	57	57	53	51	51	50	54		58	62	62		55	12
11	56	59	53	53	49	47	46	47	49	54	54	58	57	55	52	11
10	52	55	49	50	44	43	42	43	45		50	54	53	51	48	10
9	47	50	45	47	40	39	38	39	41	46	46	49	49	47	45	9
8	43	46	41	43	35	35	34	35	36		42	45	45	44	41	8
7	39	41	37	40	30	31	30	31	32	38	39	41	41	40	38	7
6	35	36	33	36		27	26	28	27	34		37	37	36	34	6
5	30	32	29	33	21	23	22	24	23	30	31	32	33	32	30	5
4	26	27	25	29		19	17	20	18	26		28	29	29	27	4
3	22	23	21	26	12	15	13		14	22		24	25	25	23	3
2	18	18	16	22	8	11	9	13	9	18		20	21	21	20	2
1	13		12	19	3	7	5	9	5	14				17		1
0				15		3	1	5								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	96	94	100	100	87	85	86	88	88				86	87	19	
18	92	90	100	99	83	81	82	84	83				83	83	18	
17	88	86	96	94	79	77	77	80	79				79	79	17	
16	84	82	91	89	75	73	73	76	75				76	76	16	
15	79	77	86	84	70	69	69	71	70			64	72	72	15	
14	75	73	80	79	66	65	65	67	66	61			69	69	14	
13	71	69	75	74	62	61	61	63	61		60	57	65	65	13	
12	67	65	70	69	58	57	57	59	57	54			62	62	12	
11	63	61	65	64	53	53	53	55	53		52	51	58	58	11	
10	59	57	60	60	49	49	49	50	48	46	48	47	55	55	10	
9	54	53	55	55	45	45	44	46	44	42	44	44	51	51	9	
8	50	49	50	50	41	41	40	42	39	38	40	41	48	48	8	
7	46	45	45	45	36	37	36	38	35	35	36	37	44	44	7	
6	42	41	40	40	32	33	32	33	31	31	32	34	41	41	6	
5	38	37	35	35	28	29	28	29	26	27	28	31	37	37	5	
4	33	33	29	30	24	25	24	25	22	23	24	28	34	34	4	
3	29	29	24	25	19	21	20	21	18	20	20	24	30	30	3	
2	25	24	19	20	15	17	16	17	13	16	17	21	27	27	2	
1	21	20	14	15	11	13	11	12	9	12	13	18	23	23	1	
0	17	16	9	10	7	9		8							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 12 years
Age: 50-54 years
Race: Caucasian

	Summary scores			Executive functions					Attention/Working memory							
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	Scaled score	
19	87		100	92	90	86	80	87	82						19	
18	83	86	96	88	85	82	77	82	78	78				80	18	
17	78	82	90	84	81	79	73	78			84				17	
16	74	78	85	80	76	75	69	74	71		80				16	
15	70	73	80	76	72	71	66	69	67	68	76	68	64	68	15	
14	66	69	74	72	67	67	62	65	63	65	72		61		14	
13	61	65	69	68	63	63	59	61	59	62	68	61		61	13	
12	57	60	64	64	59	60	55	57	55		65	58	55	57	12	
11	53	56	58	60	54	56	51	52	51	55	61	55		53	11	
10	49	52	53	56	50	52	48	48	47	52	57	51	49	49	10	
9	44	47	47	52	45	48	44	44		49	53	48	46	45	9	
8	40	43	42	48	41	44	41	40	39	46	49	44	43	41	8	
7	36	39	37	44	36	41	37	35	35		45	41	39	37	7	
6	32	34	31	40	32	37	34	31	31	39	42	37	36	33	6	
5	28	30	26	36	27	33	30	27	28	36	38	34	33	29	5	
4	23	26	21	32	23	29	26	22	24		34	30	30	25	4	
3	19	21	15	28	18	25	23	18	20	30	30	27	27	21	3	
2	15	17	10	24	14	22	19	14	16		26	24	24	17	2	
1	11	13	5	20	10	18	16	10		23	22	20	21	13	1	
0		8	0	16				5		20	19	17	18		0	

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	91		92		92		89		88								19
18	87	93	88	81			85		84								18
17	83	88	84	77	84		81		80	85				78	77		17
16	79	84	79	73	80	79	77		75	80		72		74	74	73	16
15	75	80	75	69	76	75	73		71	76				70	70		15
14	71	75	70	65	72	71	69		67	71		64		67	66	65	14
13	67	71	66	61	68	67	65		63	67	61	60		63	63	61	13
12	63	67	61	57	64	63	61		59	62			58	59	59	57	12
11	59	62	57	53	60	59	56	57	55	57	53	52		56	55	53	11
10	55	58	52	48	56	55	52		51	53	48	48		52	52	49	10
9	51	54	48	44	52	51	48	46	46	48	44	44	44	48	48	45	9
8	47	49	44	40	48	47	44		42	44	40	41		45	44	41	8
7	43	45	39	36	44	42	40	34	38	39	36	37	34	41	41	37	7
6	39	41	35	32	40	38	36		34	35	31	33		37	37	33	6
5	35	36	30	28	36	34	32	23	30	30	27	29	25	34	33	29	5
4	31	32	26	24	32	30	28		26	26	23	25		30	30	25	4
3	27	28	21		28	26	24	11	21	21	19	21	15	26	26		3
2	23	23	17		24	22	20	6	17	17	15	17	10	23			2
1	19	19	12		20	18	16	0	13	12	10	13	6				1
0		14				14	11	0		7	6				15	9	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 12 years
Age: 50-54 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	91		86		87		81				87	93	91	85		19
18	87	92	82				77				83	89	87	81		18
17	83	87	77		77		73			79		85		78		17
16	78	83	73			68	69	67	73			81	79	74		16
15	74	78	69		68		64	63			71					15
14	70	74	65	64	64	60	60	59	64		67	72	71	66		14
13	66	69	61		59		56	55		63		68	67	63	59	13
12	61	65	57	57	54	52	52	52	55		60	64	63		55	12
11	57	60	53	54	50	48	48	48	51	55	56	59	59	55	52	11
10	53	56	49	50	45	44	44	44	46		52	55	55	52	48	10
9	48	51	45	47	41	40	40	40	42	47	48	51	51	48	45	9
8	44	47	41	43	36	36	35	37	37		44	47	47	44	41	8
7	40	42	37	40	32	32	31	33	33	39	40	43	43	40	38	7
6	36	38	33	36		28	27	29	28	35		38	39	37	34	6
5	31	33	29	33	22	24	23	25	24	31	32	34	35	33	31	5
4	27	28	25	29		20	19	21	19	27		30	31	29	27	4
3	23	24	21	26	13	16	15		15	23		26	27	25	24	3
2	19	19	17	22	9	12	11	14	10	19		21	23	22	20	2
1	14		13	19	4	8	7	10	6	15				18		1
0				15		4	2	6								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	97	95	100	100	90	87	87	90	90				87	87	19	
18	93	91	100	100	85	83	83	86	85				83	83	18	
17	89	87	97	96	81	79	79	82	81				79	80	17	
16	85	83	92	91	77	75	75	77	77				76	76	16	
15	80	79	87	86	73	71	71	73	72			65	72	73	15	
14	76	75	82	81	68	67	66	69	68	62			69	69	14	
13	72	71	77	76	64	63	62	65	63		61	58	65	65	13	
12	68	67	72	71	60	59	58	61	59	54			62	62	12	
11	64	63	67	66	56	55	54	56	55		53	52	58	58	11	
10	60	58	62	61	51	51	50	52	50	47	49	48	55	55	10	
9	55	54	57	56	47	47	46	48	46	43	45	45	51	51	9	
8	51	50	52	51	43	43	42	44	41	39	41	42	48	48	8	
7	47	46	46	46	39	39	38	40	37	36	37	38	44	44	7	
6	43	42	41	42	34	35	33	35	33	32	33	35	41	41	6	
5	39	38	36	37	30	31	29	31	28	28	29	32	37	37	5	
4	34	34	31	32	26	27	25	27	24	24	25	29	34	34	4	
3	30	30	26	27	22	23	21	23	20	20	21	25	30	30	3	
2	26	26	21	22	17	19	17	18	15	17	17	22	27	27	2	
1	22	22	16	17	13	15	13	14	11	13	14	19	23	23	1	
0	18	18	11	12	9	11		10							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 12 years
Age: 55-59 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	85		100	94	92	87	81	88	83						19
18	81	85	99	90	87	83	77	84	79	79				82	18
17	77	81	93	86	83	79	74	79			85				17
16	72	76	88	82	78	76	70	75	71		81				16
15	68	72	83	78	74	72	66	71	67	69	77	69	65	70	15
14	64	68	77	74	69	68	63	67	63	66	73		62		14
13	60	63	72	70	65	64	59	62	60	62	69	62		62	13
12	56	59	67	65	60	60	56	58	56		65	59	56	58	12
11	51	55	61	61	56	57	52	54	52	56	62	55		54	11
10	47	51	56	57	52	53	49	49	48	53	58	52	49	50	10
9	43	46	50	53	47	49	45	45		50	54	48	46	46	9
8	39	42	45	49	43	45	41	41	40	46	50	45	43	42	8
7	34	38	40	45	38	41	38	37	36		46	42	40	38	7
6	30	33	34	41	34	38	34	32	32	40	42	38	37	35	6
5	26	29	29	37	29	34	31	28	28	37	39	35	34	31	5
4	22	25	24	33	25	30	27	24	24		35	31	31	27	4
3	17	20	18	29	20	26	23	20	20	30	31	28	28	23	3
2	13	16	13	25	16	22	20	15	16		27	24	24	19	2
1	9	12	8	21	12	19	16	11		24	23	21	21	15	1
0		7	2	17				7		20	19	17	18		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	94		94		95		91		87								19
18	90	92	90	83			87		82								18
17	86	88	85	78	87		83		78	85				77	78		17
16	82	83	81	74	83	81	79		74	80		73		73	74	73	16
15	78	79	76	70	79	77	75		70	76				70	70		15
14	74	75	72	66	75	72	71		66	71		66		66	67	65	14
13	70	70	67	62	71	68	67		62	67	61	62		62	63	61	13
12	66	66	63	58	67	64	63		58	62			58	59	59	57	12
11	62	62	59	54	63	60	59	58	53	57	53	54		55	56	53	11
10	58	57	54	50	59	56	55		49	53	49	50		51	52	49	10
9	54	53	50	46	55	52	51	46	45	48	44	46	44	48	48	45	9
8	50	48	45	42	51	48	46		41	44	40	42		44	45	41	8
7	46	44	41	38	47	44	42	35	37	39	36	38	34	40	41	37	7
6	42	40	36	34	43	40	38		33	35	32	34		37	37	33	6
5	38	35	32	30	39	36	34	23	28	30	27	30	25	33	34	29	5
4	34	31	27	26	35	31	30		24	26	23	26		29	30	25	4
3	30	27	23		31	27	26	12	20	21	19	22	15	26	26		3
2	27	22	19		27	23	22	6	16	17	15	18	10	22			2
1	23	18	14		23	19	18	0	12	12	11	14	6				1
0		14				15	14	0		7	6				15	9	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 12 years
Age: 55-59 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	92		86		88		83				88	95	93	86		19
18	88	93	82				79				84	91	89	82		18
17	84	88	78		79		74			81		86		78		17
16	79	84	74			69	70	68	75			82	81	74		16
15	75	79	70		70		66	65			73					15
14	71	75	66	64	65	62	62	61	66		69	74	73	67		14
13	66	70	62		60		58	57		65		69	69	63	59	13
12	62	66	58	57	56	54	54	53	57		61	65	65		55	12
11	58	61	54	54	51	50	50	50	52	57	57	61	61	56	52	11
10	54	57	50	50	47	46	46	46	48		53	57	57	52	48	10
9	49	52	46	47	42	42	41	42	43	49	50	53	53	48	45	9
8	45	48	41	43	37	38	37	38	39		46	48	49	45	41	8
7	41	43	37	40	33	34	33	34	34	41	42	44	45	41	38	7
6	37	39	33	36		30	29	31	30	37		40	40	37	34	6
5	32	34	29	33	24	26	25	27	25	33	34	36	36	33	31	5
4	28	30	25	29		22	21	23	21	29		31	32	30	27	4
3	24	25	21	26	15	18	17		16	25		27	28	26	24	3
2	19	20	17	23	10	14	12	16	12	21		23	24	22	20	2
1	15		13	19	5	10	8	12	7	17				18		1
0			16			6	4	8								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	98	97	100	100	92	90	89	92	92				87	87	19	
18	94	92	100	100	88	86	85	88	88				83	83	18	
17	90	88	99	98	84	82	81	84	83				80	80	17	
16	86	84	94	93	79	78	76	80	79				76	76	16	
15	82	80	89	88	75	74	72	75	74			66	73	73	15	
14	77	76	84	83	71	70	68	71	70	63			69	69	14	
13	73	72	79	78	67	66	64	67	66		62	59	66	66	13	
12	69	68	74	73	62	62	60	63	61	56			62	62	12	
11	65	64	69	68	58	58	56	58	57		54	53	58	59	11	
10	61	60	64	63	54	54	52	54	52	48	50	50	55	55	10	
9	56	56	59	58	50	50	48	50	48	44	46	46	51	51	9	
8	52	52	54	54	45	46	43	46	44	40	42	43	48	48	8	
7	48	48	48	49	41	42	39	42	39	37	38	40	44	44	7	
6	44	44	43	44	37	38	35	37	35	33	34	36	41	41	6	
5	40	39	38	39	33	34	31	33	31	29	30	33	37	37	5	
4	36	35	33	34	28	30	27	29	26	25	26	30	34	34	4	
3	31	31	28	29	24	26	23	25	22	21	22	26	30	30	3	
2	27	27	23	24	20	22	19	20	17	18	18	23	27	27	2	
1	23	23	18	19	16	18	15	16	13	14	15	20	23	23	1	
0	19	19	13	14	11	14		12							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 12 years
Age: 60-64 years
Race: Caucasian

	Summary scores			Executive functions					Attention/Working memory							
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	Scaled score	
19	85		100	95	94	87	81	89	83						19	
18	81	84	100	91	89	83	78	85	79	79				83	18	
17	77	80	97	87	85	79	74	81			86				17	
16	72	75	91	83	80	75	71	77	71		82				16	
15	68	71	86	79	76	72	67	72	67	69	78	70	66	72	15	
14	64	67	81	75	71	68	64	68	63	66	74		62		14	
13	60	62	75	71	67	64	60	64	60	63	70	63		64	13	
12	56	58	70	67	63	60	56	59	56		66	59	56	60	12	
11	51	54	65	63	58	56	53	55	52	56	62	56		56	11	
10	47	49	59	59	54	53	49	51	48	53	59	53	50	52	10	
9	43	45	54	55	49	49	46	47		50	55	49	47	48	9	
8	39	41	48	51	45	45	42	42	40	47	51	46	44	44	8	
7	34	36	43	47	40	41	38	38	36		47	42	41	40	7	
6	30	32	38	43	36	37	35	34	32	40	43	39	38	36	6	
5	26	28	32	39	31	34	31	30	28	37	39	35	34	32	5	
4	22	24	27	35	27	30	28	25	24		36	32	31	28	4	
3	17	19	22	31	23	26	24	21	20	31	32	28	28	24	3	
2	13	15	16	27	18	22	20	17	16		28	25	25	20	2	
1	9	11	11	23	14	19	17	12		24	24	22	22	17	1	
0		6	6	19				8		21	20	18	19		0	

Speed of information processing					Spatial skills				Verbal/Academic skills								Scaled score
Scaled score	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	94		96		95		94		87								19
18	90	94	91	84			90		82								18
17	86	90	87	80	87		86		78	85				77	78		17
16	82	86	82	76	83	82	82		74	80		75		73	74	73	16
15	78	81	78	72	79	78	78		70	76				69	71		15
14	74	77	74	68	75	74	74		66	71		67		66	67	65	14
13	70	72	69	64	71	70	70		62	67	61	63		62	63	61	13
12	66	68	65	60	67	65	66		58	62			58	58	60	57	12
11	62	64	60	56	63	61	61	58	53	57	53	56		55	56	53	11
10	58	59	56	52	59	57	57		49	53	49	52		51	52	49	10
9	54	55	51	48	55	53	53	47	45	48	45	48	44	47	49	45	9
8	50	51	47	44	51	49	49		41	44	40	44		44	45	41	8
7	46	46	42	40	47	45	45	35	37	39	36	40	34	40	41	37	7
6	42	42	38	36	43	41	41		33	35	32	36		36	38	33	6
5	38	38	34	32	39	37	37	24	28	30	28	32	25	33	34	29	5
4	34	33	29	28	35	33	33		24	26	23	28		29	30	25	4
3	30	29	25		31	29	29	12	20	21	19	24	15	25	27		3
2	27	25	20		27	24	25	6	16	17	15	20	10	22			2
1	23	20	16		23	20	21	1	12	12	11	16	6				1
0		16				16	17	0		7	7				16	9	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 12 years
Age: 60-64 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	93		86		89		85				90	96	95	86		19
18	89	94	82				81				86	92	91	82		18
17	84	89	78		80		77			82		88		79		17
16	80	85	74			71	72	70	77			84	83	75		16
15	76	80	70		71		68	67			74					15
14	72	76	66	64	67	64	64	63	68		71	75	74	67		14
13	67	71	62		62		60	59		67		71	70	64	59	13
12	63	67	58	57	57	56	56	55	59		63	67	66		55	12
11	59	62	54	54	53	52	52	51	54	59	59	63	62	56	52	11
10	55	58	50	50	48	48	48	48	50		55	58	58	53	48	10
9	50	53	46	47	44	44	44	44	45	51	51	54	54	49	45	9
8	46	49	42	44	39	40	39	40	41		47	50	50	45	41	8
7	42	44	38	40	34	36	35	36	36	43	43	46	46	41	38	7
6	37	40	34	37		32	31	33	32	39		41	42	38	34	6
5	33	35	30	33	25	28	27	29	27	35	36	37	38	34	31	5
4	29	31	26	30		24	23	25	23	31		33	34	30	27	4
3	25	26	22	26	16	20	19		18	27		29	30	26	24	3
2	20	22	18	23	12	16	15	17	14	23		24	26	23	20	2
1	16		14	19	7	12	10	14	9	19				19		1
0				16		8	6	10								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	98	100	100	95	92	91	94	94				87	87	19	
18	95	94	100	100	91	88	87	90	90				83	83	18	
17	91	90	100	100	86	84	83	86	86				80	80	17	
16	87	86	97	96	82	80	78	82	81				76	76	16	
15	83	82	91	91	78	76	74	77	77			67	73	73	15	
14	79	77	86	86	74	72	70	73	72	64			69	69	14	
13	75	73	81	81	69	68	66	69	68		63	61	66	66	13	
12	70	69	76	76	65	64	62	65	64	57			62	62	12	
11	66	65	71	71	61	60	58	61	59		55	54	59	59	11	
10	62	61	66	66	57	56	54	56	55	49	51	51	55	55	10	
9	58	57	61	61	52	52	50	52	50	45	47	48	52	52	9	
8	54	53	56	56	48	48	46	48	46	42	43	44	48	48	8	
7	49	49	51	51	44	44	41	44	42	38	39	41	45	45	7	
6	45	45	46	46	40	40	37	40	37	34	35	38	41	41	6	
5	41	41	40	41	35	36	33	35	33	30	31	35	38	38	5	
4	37	37	35	36	31	32	29	31	29	27	27	31	34	34	4	
3	33	33	30	31	27	28	25	27	24	23	23	28	30	30	3	
2	29	29	25	26	23	24	21	23	20	19	19	25	27	27	2	
1	24	24	20	21	18	20	17	18	15	15	15	21	23	23	1	
0	20	20	15	16	14	16		14							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 12 years
Age: 65-69 years
Race: Caucasian

	Summary scores			Executive functions					Attention/Working memory							
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	Scaled score	
19	84		100	97	96	88	82	91	83						19	
18	79	83	100	93	92	84	79	86	79	80				85	18	
17	75	79	100	89	87	80	75	82			86				17	
16	71	74	95	85	83	76	71	78	71		83				16	
15	67	70	90	81	78	72	68	74	67	70	79	71	66	74	15	
14	62	66	84	77	74	69	64	69	63	67	75		63		14	
13	58	61	79	73	69	65	61	65	60	63	71	64		66	13	
12	54	57	73	69	65	61	57	61	56		67	60	57	62	12	
11	50	53	68	65	60	57	53	57	52	57	63	57		58	11	
10	45	48	63	61	56	53	50	52	48	54	60	53	51	54	10	
9	41	44	57	57	51	50	46	48		50	56	50	47	50	9	
8	37	40	52	53	47	46	43	44	40	47	52	46	44	46	8	
7	33	35	47	49	43	42	39	39	36		48	43	41	42	7	
6	29	31	41	45	38	38	35	35	32	41	44	40	38	38	6	
5	24	27	36	41	34	35	32	31	28	38	40	36	35	34	5	
4	20	22	31	37	29	31	28	27	24		37	33	32	30	4	
3	16	18	25	33	25	27	25	22	20	31	33	29	29	26	3	
2	12	14	20	29	20	23	21	18	16		29	26	26	22	2	
1	7	9	15	25	16	19	17	14		25	25	22	23	19	1	
0		5	9	21				10		21	21	19	19		0	

Speed of information processing					Spatial skills				Verbal/Academic skills								Scaled score
Scaled score	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCR N	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	97		97		96		97		85								19
18	93	97	93	87			93		81								18
17	89	92	88	82	88		89		77	85				76	78		17
16	85	88	84	78	85	83	85		73	80		77		72	75	73	16
15	81	83	80	74	81	79	81		69	76				69	71		15
14	77	79	75	70	77	75	77		65	71		69		65	67	65	14
13	73	75	71	66	73	71	73		60	67	62	65		61	64	61	13
12	69	70	66	62	69	67	69		56	62			58	58	60	57	12
11	65	66	62	58	65	63	65	58	52	57	53	58		54	56	53	11
10	61	62	57	54	61	58	61		48	53	49	54		50	53	49	10
9	57	57	53	50	57	54	57	47	44	48	45	50	44	47	49	45	9
8	53	53	49	46	53	50	52		40	44	41	46		43	45	41	8
7	50	49	44	42	49	46	48	35	35	39	36	42	34	39	42	37	7
6	46	44	40	38	45	42	44		31	35	32	38		36	38	33	6
5	42	40	35	34	41	38	40	24	27	30	28	34	25	32	34	29	5
4	38	36	31	30	37	34	36		23	26	24	30		28	31	25	4
3	34	31	26		33	30	32	12	19	21	19	26	15	25	27		3
2	30	27	22		29	26	28	7	15	17	15	22	10	21			2
1	26	23	17		25	22	24	1	10	12	11	18	6				1
0		18				17	20	0		7	7				16	9	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 12 years
Age: 65-69 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	94		87		91		87				92	98	96	87		19
18	90	95	83				83				88	94	92	83		18
17	85	90	79		82		79			85		90		79		17
16	81	86	75			74	75	73	79			85	84	75		16
15	77	81	71		73		71	69			76					15
14	73	77	67	64	68	66	67	65	70		72	77	76	68		14
13	68	72	62		64		63	61		69		73	72	64	59	13
12	64	68	58	58	59	58	58	58	61		64	68	68		56	12
11	60	63	54	54	55	54	54	54	56	61	61	64	64	57	52	11
10	56	59	50	51	50	50	50	50	52		57	60	60	53	49	10
9	51	54	46	47	46	46	46	46	47	53	53	56	56	49	45	9
8	47	50	42	44	41	42	42	42	43		49	51	52	46	41	8
7	43	45	38	40	36	38	38	39	38	45	45	47	48	42	38	7
6	38	41	34	37		34	34	35	34	41		43	44	38	34	6
5	34	36	30	33	27	30	30	31	29	37	37	39	40	34	31	5
4	30	32	26	30		26	25	27	25	33		34	36	31	27	4
3	26	27	22	26	18	22	21		20	29		30	32	27	24	3
2	21	23	18	23	13	18	17	20	16	25		26	28	23	20	2
1	17		14	19	9	14	13	16	12	21				19		1
0			16			10	9	12								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	99	100	100	98	95	93	97	97				87	87	19	
18	97	95	100	100	94	91	89	93	93				83	84	18	
17	93	91	100	100	89	87	85	88	88				80	80	17	
16	89	87	99	98	85	83	81	84	84				76	76	16	
15	85	83	94	93	81	79	77	80	79			69	73	73	15	
14	80	79	89	88	77	75	73	76	75	66			69	69	14	
13	76	75	83	83	72	71	69	71	71		64	63	66	66	13	
12	72	71	78	78	68	67	64	67	66	58			62	62	12	
11	68	66	73	73	64	63	60	63	62		56	56	59	59	11	
10	64	62	68	68	60	59	56	59	57	51	52	53	55	55	10	
9	59	58	63	63	55	55	52	55	53	47	48	49	52	52	9	
8	55	54	58	58	51	51	48	50	49	43	44	46	48	48	8	
7	51	50	53	53	47	47	44	46	44	39	40	43	45	45	7	
6	47	46	48	48	42	43	40	42	40	36	36	40	41	41	6	
5	43	42	43	43	38	39	36	38	36	32	32	36	38	38	5	
4	39	38	38	38	34	35	31	33	31	28	28	33	34	34	4	
3	34	34	33	33	30	31	27	29	27	24	24	30	31	31	3	
2	30	30	27	28	25	27	23	25	22	20	20	26	27	27	2	
1	26	26	22	23	21	23	19	21	18	17	16	23	24	24	1	
0	22	22	17	18	17	19		17							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 12 years
Age: 70-74 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory							Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC		
19	82		100	99	98	88	83	92	83						19	
18	78	82	100	95	94	85	79	88	79	80				88	18	
17	73	77	100	91	90	81	76	84			87				17	
16	69	73	99	87	85	77	72	79	71		83				16	
15	65	69	93	83	81	73	68	75	67	70	80	71	67	76	15	
14	61	65	88	79	76	69	65	71	63	67	76		64		14	
13	57	60	83	75	72	66	61	67	60	64	72	64		68	13	
12	52	56	77	71	67	62	58	62	56		68	61	57	64	12	
11	48	52	72	67	63	58	54	58	52	57	64	57		60	11	
10	44	47	67	63	58	54	50	54	48	54	60	54	51	56	10	
9	40	43	61	59	54	51	47	49		51	57	51	48	52	9	
8	35	39	56	55	49	47	43	45	40	48	53	47	45	48	8	
7	31	34	51	51	45	43	40	41	36		49	44	42	44	7	
6	27	30	45	47	41	39	36	37	32	41	45	40	39	40	6	
5	23	26	40	43	36	35	32	32	28	38	41	37	36	37	5	
4	18	21	34	38	32	32	29	28	24		37	33	32	33	4	
3	14	17	29	34	27	28	25	24	20	32	34	30	29	29	3	
2	10	13	24	30	23	24	22	20	16		30	26	26	25	2	
1	6	8	18	26	18	20	18	15		25	26	23	23	21	1	
0		4	13	22				11		22	22	20	20		0	

Speed of information processing					Spatial skills				Verbal/Academic skills								Scaled score
Scaled score	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	100		99		98		100		84								19
18	96	99	95	89			97		80								18
17	92	94	90	85	90		93		76	85				75	79		17
16	88	90	86	81	86	84	89		72	80		79		71	75	73	16
15	84	86	81	77	82	80	85		67	76				68	71		15
14	80	81	77	73	78	76	81		63	71		72		64	68	65	14
13	76	77	72	69	74	72	77		59	67	62	68		60	64	61	13
12	72	73	68	65	71	68	73		55	62			58	57	60	57	12
11	69	68	63	61	67	64	68	59	51	57	53	60		53	57	53	11
10	65	64	59	57	63	60	64		47	53	49	56		49	53	49	10
9	61	60	55	53	59	56	60	47	42	48	45	52	44	46	49	45	9
8	57	55	50	48	55	51	56		38	44	41	48		42	46	41	8
7	53	51	46	44	51	47	52	36	34	39	37	44	35	38	42	37	7
6	49	47	41	40	47	43	48		30	35	32	40		35	38	33	6
5	45	42	37	36	43	39	44	24	26	30	28	36	25	31	35	29	5
4	41	38	32	32	39	35	40		22	26	24	32		27	31	25	4
3	37	34	28		35	31	36	13	17	21	20	28	15	24	27		3
2	33	29	24		31	27	32	7	13	17	15	24	11	20			2
1	29	25	19		27	23	28	1	9	12	11	20	6				1
0		21				19	23	0		7	7				16	9	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 12 years
Age: 70-74 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	95		87		93		90				93	100	98	87		19
18	91	96	83				86				89	95	94	83		18
17	86	92	79		84		82			87		91		80		17
16	82	87	75			76	78	75	81			87	86	76		16
15	78	83	71		75		74	72			78					15
14	74	78	67	65	71	69	70	68	72		74	78	78	68		14
13	69	73	63		66		65	64		71		74	74	65	59	13
12	65	69	59	58	61	61	61	60	63		66	70	70		56	12
11	61	64	55	54	57	57	57	56	59	63	62	66	66	57	52	11
10	56	60	51	51	52	53	53	53	54		58	61	62	54	49	10
9	52	55	47	47	48	49	49	49	50	55	54	57	57	50	45	9
8	48	51	43	44	43	45	45	45	45		51	53	53	46	42	8
7	44	46	39	40	39	41	41	41	41	47	47	49	49	42	38	7
6	39	42	35	37		37	37	38	36	43		44	45	39	35	6
5	35	37	30	33	29	33	32	34	32	39	39	40	41	35	31	5
4	31	33	26	30		29	28	30	28	36		36	37	31	27	4
3	27	28	22	26	20	25	24		23	32		32	33	27	24	3
2	22	24	18	23	16	21	20	22	19	28		28	29	24	20	2
1	18		14	20	11	17	16	19	14	24				20		1
0				16		13	12	15								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	100	100	100	100	98	96	99	100				87	87	19	
18	99	96	100	100	97	94	92	95	95				83	84	18	
17	95	92	100	100	92	90	88	91	91				80	80	17	
16	91	88	100	100	88	86	84	87	87				76	77	16	
15	86	84	96	95	84	82	80	82	82			71	73	73	15	
14	82	80	91	90	80	78	75	78	78	68			69	70	14	
13	78	76	86	85	75	74	71	74	73		65	65	66	66	13	
12	74	72	81	80	71	70	67	70	69	60			62	62	12	
11	70	68	76	75	67	66	63	66	65		57	58	59	59	11	
10	65	64	71	70	63	62	59	61	60	53	53	55	55	55	10	
9	61	59	65	66	58	58	55	57	56	49	49	51	52	52	9	
8	57	55	60	61	54	54	51	53	52	45	45	48	48	48	8	
7	53	51	55	56	50	50	47	49	47	41	41	45	45	45	7	
6	49	47	50	51	46	46	42	44	43	37	37	42	41	41	6	
5	45	43	45	46	41	42	38	40	38	34	33	38	38	38	5	
4	40	39	40	41	37	38	34	36	34	30	29	35	34	34	4	
3	36	35	35	36	33	34	30	32	30	26	25	32	31	31	3	
2	32	31	30	31	29	30	26	28	25	22	21	28	27	27	2	
1	28	27	25	26	24	26	22	23	21	18	17	25	24	24	1	
0	24	23	20	21	20	22		19							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 12 years
Age: 75-79 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	80		100	100	100	89	83	94	83						19
18	76	81	100	96	97	85	80	89	79	81				90	18
17	72	76	100	92	92	82	76	85			88				17
16	68	72	100	88	88	78	73	81	71		84				16
15	63	68	98	84	83	74	69	76	67	71	81	72	67	78	15
14	59	63	92	80	79	70	65	72	63	68	77		64		14
13	55	59	87	76	74	67	62	68	60	64	73	65		71	13
12	51	55	81	72	70	63	58	64	56		69	62	58	67	12
11	46	50	76	68	65	59	55	59	52	58	65	58		63	11
10	42	46	71	64	61	55	51	55	48	55	61	55	52	59	10
9	38	42	65	60	57	51	47	51		51	58	51	49	55	9
8	34	38	60	56	52	48	44	47	40	48	54	48	46	51	8
7	29	33	55	52	48	44	40	42	36		50	44	42	47	7
6	25	29	49	48	43	40	37	38	32	42	46	41	39	43	6
5	21	25	44	44	39	36	33	34	28	39	42	38	36	39	5
4	17	20	39	40	34	32	29	29	24		38	34	33	35	4
3	13	16	33	36	30	29	26	25	20	32	35	31	30	31	3
2	8	12	28	32	25	25	22	21	16		31	27	27	27	2
1	4	7	23	28	21	21	19	17		26	27	24	24	23	1
0		3	17	24				12		22	23	20	21		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	100		100		100		100		83								19
18	99	100	96	92			100		78								18
17	95	97	92	88	92		97		74	85				74	79		17
16	91	92	87	84	88	86	93		70	80		82		71	75	73	16
15	88	88	83	80	84	81	89		66	76				67	72		15
14	84	84	78	76	80	77	85		62	71		74		63	68	65	14
13	80	79	74	72	76	73	81		58	67	62	70		60	64	61	13
12	76	75	70	68	72	69	77		54	62			59	56	61	57	12
11	72	71	65	64	68	65	73	59	49	57	54	62		52	57	53	11
10	68	66	61	60	64	61	69		45	53	49	58		49	53	49	10
9	64	62	56	55	60	57	65	48	41	48	45	54	44	45	50	45	9
8	60	58	52	51	57	53	60		37	44	41	50		41	46	41	8
7	56	53	47	47	53	49	56	36	33	39	37	46	35	38	42	37	7
6	52	49	43	43	49	44	52		29	35	33	42		34	39	33	6
5	48	45	38	39	45	40	48	25	24	30	28	39	25	30	35	29	5
4	44	40	34	35	41	36	44		20	26	24	35		27	31	25	4
3	40	36	30		37	32	40	13	16	21	20	31	15	23	28		3
2	36	32	25		33	28	36	7	12	17	16	27	11	19			2
1	32	27	21		29	24	32	2	8	12	11	23	6				1
0		23				20	28	0		7	7				17	9	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 12 years
Age: 75-79 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	96		87		96		94				95	100	100	88		19
18	92	97	83				89				91	97	96	84		18
17	87	93	79		87		85			90		93		80		17
16	83	88	75			80	81	78	84			88	87	76		16
15	79	84	71		78		77	75			79					15
14	75	79	67	65	73	72	73	71	75		75	80	79	69		14
13	70	75	63		68		69	67		74		76	75	65	59	13
12	66	70	59	58	64	64	65	63	66		68	71	71		56	12
11	62	65	55	54	59	60	61	59	62	66	64	67	67	58	52	11
10	57	61	51	51	55	56	56	56	57		60	63	63	54	49	10
9	53	56	47	47	50	52	52	52	53	58	56	59	59	50	45	9
8	49	52	43	44	46	48	48	48	48		52	55	55	47	42	8
7	45	47	39	40	41	44	44	44	44	50	48	50	51	43	38	7
6	40	43	35	37		40	40	41	39	46		46	47	39	35	6
5	36	38	31	34	32	36	36	37	35	42	40	42	43	35	31	5
4	32	34	27	30		32	32	33	30	38		38	39	32	28	4
3	27	29	23	27	23	28	27		26	34		33	35	28	24	3
2	23	25	19	23	18	24	23	25	21	31		29	31	24	20	2
1	19		15	20	13	20	19	22	17	27				20		1
0			16			16	15	18								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	100	100	100	100	100	99	100	100				87	87	19	
18	100	97	100	100	100	97	95	98	98				83	84	18	
17	97	93	100	100	96	93	91	94	94				80	80	17	
16	93	89	100	100	92	89	87	89	90				76	77	16	
15	88	85	98	98	87	85	83	85	85			74	73	73	15	
14	84	81	93	93	83	81	79	81	81	70			69	70	14	
13	80	77	88	88	79	77	75	77	76		66	67	66	66	13	
12	76	73	83	83	75	73	70	73	72	62			62	63	12	
11	72	69	78	78	70	69	66	68	68		58	60	59	59	11	
10	68	65	73	73	66	65	62	64	63	55	54	57	55	56	10	
9	63	61	68	68	62	61	58	60	59	51	50	54	52	52	9	
8	59	56	63	63	58	57	54	56	55	47	46	51	48	48	8	
7	55	52	58	58	53	53	50	51	50	43	42	47	45	45	7	
6	51	48	53	53	49	49	46	47	46	39	38	44	41	41	6	
5	47	44	47	48	45	45	42	43	41	36	34	41	38	38	5	
4	42	40	42	43	41	41	37	39	37	32	30	37	34	34	4	
3	38	36	37	38	36	37	33	35	33	28	26	34	31	31	3	
2	34	32	32	33	32	33	29	30	28	24	22	31	27	27	2	
1	30	28	27	28	28	29	25	26	24	20	18	28	24	24	1	
0	26	24	22	23	23	25		22							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 12 years
Age: 80-85 years
Race: Caucasian

	Summary scores			Executive functions					Attention/Working memory							
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	Scaled score	
19	80		100	100	100	90	84	95	83						19	
18	76	80	100	98	100	86	80	91	79	81				93	18	
17	72	75	100	94	95	83	77	87			89				17	
16	68	71	100	90	91	79	73	82	71		85				16	
15	63	67	100	86	86	75	70	78	67	71	82	73	68	82	15	
14	59	62	97	82	82	71	66	74	63	68	78		65		14	
13	55	58	92	78	77	67	62	69	60	65	74	66		74	13	
12	51	54	86	74	73	64	59	65	56		70	62	59	70	12	
11	46	49	81	70	69	60	55	61	52	58	66	59		66	11	
10	42	45	76	66	64	56	52	57	48	55	62	56	52	62	10	
9	38	41	70	62	60	52	48	52		52	58	52	49	58	9	
8	34	36	65	58	55	48	45	48	40	49	55	49	46	54	8	
7	29	32	60	54	51	45	41	44	36		51	45	43	50	7	
6	25	28	54	50	46	41	37	40	32	42	47	42	40	46	6	
5	21	23	49	46	42	37	34	35	28	39	43	38	37	42	5	
4	17	19	43	42	37	33	30	31	24		39	35	34	38	4	
3	13	15	38	38	33	29	27	27	20	33	35	31	31	35	3	
2	8	10	33	34	28	26	23	22	16		32	28	27	31	2	
1	4	6	27	30	24	22	19	18		26	28	25	24	27	1	
0		2	22	26				14		23	24	21	21		0	

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	100		100		100		100		83								19
18	99	100	98	96			100		78								18
17	95	99	94	92	92		100		74	85				73	79		17
16	91	95	89	88	88	87	99		70	80		85		69	76	73	16
15	88	91	85	83	84	83	94		66	76				66	72		15
14	84	86	80	79	80	79	90		62	71		77		62	68	65	14
13	80	82	76	75	76	75	86		58	67	62	73		58	65	61	13
12	76	78	71	71	72	70	82		54	62			59	55	61	57	12
11	72	73	67	67	68	66	78	60	49	57	54	65		51	57	53	11
10	68	69	63	63	64	62	74		45	53	50	61		47	54	49	10
9	64	65	58	59	60	58	70	48	41	48	45	57	44	44	50	45	9
8	60	60	54	55	57	54	66		37	44	41	53		40	46	41	8
7	56	56	49	51	53	50	62	37	33	39	37	49	35	36	43	37	7
6	52	52	45	47	49	46	58		29	35	33	45		33	39	33	6
5	48	47	40	43	45	42	54	25	24	30	29	41	25	29	35	29	5
4	44	43	36	39	41	38	50		20	26	24	37		25	32	25	4
3	40	38	31		37	33	45	13	16	21	20	33	15	22	28		3
2	36	34	27		33	29	41	8	12	17	16	29	11	18			2
1	32	30	23		29	25	37	2	8	12	12	26	6				1
0		25				21	33	0		7	8				17	9	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 12 years
Age: 80-85 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	97		88		99		98				97	100	100	88		19
18	93	98	84				94				93	99	97	84		18
17	88	94	80		90		89			94		94		81		17
16	84	89	76			83	85	82	88			90	89	77		16
15	80	85	72		81		81	78			81					15
14	76	80	68	65	76	76	77	75	79		77	82	81	70		14
13	71	76	64		72		73	71		78		77	77	66	59	13
12	67	71	60	58	67	68	69	67	70		69	73	73		56	12
11	63	67	56	55	62	64	65	63	65	70	66	69	69	58	52	11
10	58	62	52	51	58	60	61	60	61		62	65	65	55	49	10
9	54	58	47	48	53	56	56	56	57	62	58	60	61	51	45	9
8	50	53	43	44	49	52	52	52	52		54	56	57	47	42	8
7	46	49	39	41	44	48	48	48	48	54	50	52	53	43	38	7
6	41	44	35	37		44	44	44	43	50		48	49	40	35	6
5	37	39	31	34	35	40	40	41	39	46	42	44	45	36	31	5
4	33	35	27	30		36	36	37	34	42		39	41	32	28	4
3	29	30	23	27	26	32	32		30	38		35	37	28	24	3
2	24	26	19	23	21	28	28	29	25	34		31	33	25	21	2
1	20		15	20	17	24	23	26	21	30				21		1
0			16			20	19	22								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons														Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L	
19	100	100	100	100	100	100	100	100	100				87	87	19
18	100	98	100	100	100	100	99	100	100				83	84	18
17	100	94	100	100	100	96	95	97	98				80	80	17
16	95	90	100	100	96	92	91	93	93				76	77	16
15	91	86	100	100	91	88	87	88	89			76	73	73	15
14	87	82	96	96	87	84	83	84	84	72			69	70	14
13	83	78	91	91	83	80	79	80	80		67	70	66	66	13
12	79	74	86	86	79	76	75	76	76	65			62	63	12
11	74	70	81	81	74	72	70	72	71		59	63	59	59	11
10	70	66	76	76	70	68	66	67	67	57	55	60	55	56	10
9	66	62	71	71	66	64	62	63	63	53	51	57	52	52	9
8	62	58	65	66	62	60	58	59	58	49	47	53	48	49	8
7	58	54	60	61	57	56	54	55	54	46	43	50	45	45	7
6	54	49	55	56	53	52	50	50	49	42	39	47	41	42	6
5	49	45	50	51	49	48	46	46	45	38	35	44	38	38	5
4	45	41	45	46	44	44	42	42	41	34	31	40	34	34	4
3	41	37	40	41	40	40	37	38	36	31	27	37	31	31	3
2	37	33	35	36	36	36	33	34	32	27	23	34	27	27	2
1	33	29	30	31	32	32	29	29	27	23	19	30	24	24	1
0	28	25	25	26	27	28		25							0

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 13-15 years
Age: 20-34 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	84		87	81	80	78	75	78	78						19
18	80	87	81	77	76	75	72	73	75	74				75	18
17	76	82	76	73	71	71	68	69			77				17
16	71	78	71	69	67	67	65	65	67		73				16
15	67	74	65	65	62	63	61	61	63	64	69	63	59	63	15
14	63	69	60	61	58	59	57	56	59	61	66		56		14
13	59	65	55	57	53	56	54	52	55	57	62	56		55	13
12	54	61	49	53	49	52	50	48	51		58	53	49	51	12
11	50	56	44	49	44	48	47	43	47	51	54	50		47	11
10	46	52	39	45	40	44	43	39	43	48	50	46	43	43	10
9	42	48	33	41	35	40	39	35		45	46	43	40	39	9
8	38	44	28	37	31	37	36	31	35	41	43	39	37	35	8
7	33	39	23	33	27	33	32	26	32		39	36	34	32	7
6	29	35	17	29	22	29	29	22	28	35	35	32	31	28	6
5	25	31	12	25	18	25	25	18	24	32	31	29	28	24	5
4	21	26	6	21	13	21	22	14	20		27	25	24	20	4
3	16	22	1	17	9	18	18	9	16	25	23	22	21	16	3
2	12	18	0	13	4	14	14	5	12		20	19	18	12	2
1	8	13	0	9	0	10	11	1		19	16	15	15	8	1
0		9	0	5				0		15	12	12	12		0

Speed of information processing					Spatial skills				Verbal/Academic skills								Scaled score
Scaled score	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	81		82		85		82		85								19
18	77	75	78	76			78		80								18
17	73	71	73	72	77		74		76	80				75	72		17
16	69	66	69	68	73	71	70		72	75		70		71	69	69	16
15	65	62	64	64	69	67	65		68	71				68	65		15
14	61	58	60	60	65	63	61		64	66		62		64	61	61	14
13	57	53	56	56	61	59	57		60	62	58	58		60	58	57	13
12	53	49	51	52	57	55	53		55	57			56	57	54	53	12
11	49	45	47	48	53	51	49	54	51	53	49	50		53	50	49	11
10	45	40	42	44	49	47	45		47	48	45	46		49	47	45	10
9	41	36	38	40	45	42	41	43	43	44	41	42	41	46	43	41	9
8	37	32	33	36	41	38	37		39	39	37	38		42	39	37	8
7	33	27	29	32	38	34	33	31	35	34	33	34	32	38	36	33	7
6	29	23	24	28	34	30	29		31	30	28	30		35	32	29	6
5	25	19	20	24	30	26	25	20	26	25	24	26	22	31	28	25	5
4	21	14	16	19	26	22	20		22	21	20	22		27	25	21	4
3	17	10	11		22	18	16	8	18	16	16	18	13	24	21		3
2	13	6	7		18	14	12	2	14	12	11	14	8	20			2
1	9	1	2		14	10	8	0	10	7	7	10	3				1
0		0				6	4	0		3	3				10	6	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 13-15 years
Age: 20-34 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	84		82		82		74				78	83	81	81		19
18	80	84	78				70				74	79	77	78		18
17	76	79	74		73		66			73		75		74		17
16	71	75	70			61	62	61	67			70	69	70		16
15	67	70	66		64		58	57			62					15
14	63	66	62	63	59	53	54	53	58		58	62	61	63		14
13	59	61	58		55		50	49		57		58	57	59	58	13
12	54	57	54	56	50	46	45	46	49		50	53	53		54	12
11	50	52	50	53	45	42	41	42	45	49	47	49	49	51	51	11
10	46	48	46	49	41	38	37	38	40		43	45	45	48	47	10
9	41	43	42	46	36	34	33	34	36	41	39	41	41	44	44	9
8	37	39	38	42	32	30	29	31	31		35	36	37	40	40	8
7	33	34	34	39	27	26	25	27	27	33	31	32	33	36	37	7
6	29	30	30	35		22	21	23	22	29		28	28	33	33	6
5	24	25	26	32	18	18	17	19	18	25	23	24	24	29	30	5
4	20	21	22	29		14	12	15	13	21		20	20	25	26	4
3	16	16	18	25	9	10	8		9	17		15	16	22	23	3
2	12	11	14	22	4	6	4	8	4	13		11	12	18	19	2
1	7		9	18	0	2	0	4	0	9				14		1
0				15		0	0	0								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	93	90	100	100	80	78	82	82	80				85	85	19	
18	89	86	99	98	75	74	78	77	76				81	81	18	
17	85	81	94	93	71	70	74	73	72				78	78	17	
16	80	77	89	88	67	66	70	69	67				74	74	16	
15	76	73	84	83	63	62	65	65	63			60	71	71	15	
14	72	69	79	78	58	58	61	61	58	58			67	67	14	
13	68	65	74	73	54	54	57	56	54		55	54	64	64	13	
12	64	61	69	68	50	50	53	52	50	51			60	60	12	
11	60	57	64	63	45	46	49	48	45		48	47	57	56	11	
10	55	53	59	58	41	42	45	44	41	43	44	44	53	53	10	
9	51	49	54	53	37	38	41	39	37	39	40	41	50	49	9	
8	47	45	49	48	33	34	37	35	32	36	36	37	46	46	8	
7	43	41	43	43	28	30	32	31	28	32	32	34	43	42	7	
6	39	37	38	38	24	26	28	27	23	28	28	31	39	39	6	
5	34	33	33	33	20	22	24	23	19	24	24	28	36	35	5	
4	30	28	28	28	16	18	20	18	15	20	20	24	32	32	4	
3	26	24	23	23	11	14	16	14	10	17	16	21	29	28	3	
2	22	20	18	18	7	10	12	10	6	13	12	18	25	25	2	
1	18	16	13	13	3	6	8	6	1	9	8	14	22	21	1	
0	14	12	8	8	0	2		1							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 13-15 years
Age: 35-39 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	82		90	84	82	80	77	80	78						19
18	78	85	85	80	78	76	73	76	75	75				76	18
17	74	80	80	76	73	72	69	72			79				17
16	70	76	74	72	69	69	66	68	67		75				16
15	66	72	69	68	64	65	62	63	63	65	71	65	60	64	15
14	61	67	64	64	60	61	59	59	59	62	67		57		14
13	57	63	58	60	56	57	55	55	55	58	64	58		56	13
12	53	59	53	56	51	54	52	51	51		60	54	51	52	12
11	49	54	48	52	47	50	48	46	47	52	56	51		48	11
10	44	50	42	48	42	46	44	42	43	49	52	48	44	44	10
9	40	46	37	44	38	42	41	38		46	48	44	41	40	9
8	36	41	31	40	33	38	37	34	35	42	44	41	38	36	8
7	32	37	26	36	29	35	34	29	32		40	37	35	32	7
6	27	33	21	32	24	31	30	25	28	36	37	34	32	29	6
5	23	28	15	28	20	27	26	21	24	33	33	30	29	25	5
4	19	24	10	24	15	23	23	16	20		29	27	26	21	4
3	15	20	5	20	11	19	19	12	16	26	25	23	22	17	3
2	10	15	0	16	7	16	16	8	12		21	20	19	13	2
1	6	11	0	12	2	12	12	4		20	17	17	16	9	1
0		7	0	8				0		16	14	13	13		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	84		85		86		83		83								19
18	80	83	81	77			79		79								18
17	76	78	77	73	78		75		75	80				75	73		17
16	72	74	72	69	74	74	71		71	75		68		71	69	69	16
15	68	70	68	65	70	70	67		67	71				67	66		15
14	64	65	63	61	66	65	63		62	66		60		64	62	61	14
13	60	61	59	57	62	61	59		58	62	58	56		60	58	57	13
12	56	57	54	53	58	57	55		54	57			56	56	55	53	12
11	52	52	50	49	54	53	51	55	50	53	50	48		53	51	49	11
10	48	48	46	45	50	49	47		46	48	46	44		49	47	45	10
9	44	44	41	41	46	45	43	43	42	44	41	40	41	45	44	41	9
8	40	39	37	37	42	41	38		38	39	37	36		42	40	37	8
7	36	35	32	33	38	37	34	32	33	34	33	32	32	38	36	33	7
6	32	31	28	29	34	33	30		29	30	29	28		34	33	29	6
5	28	26	23	25	30	28	26	20	25	25	25	24	22	31	29	25	5
4	24	22	19	21	26	24	22		21	21	20	20		27	25	21	4
3	20	18	14		22	20	18	9	17	16	16	16	13	23	22		3
2	16	13	10		18	16	14	3	13	12	12	12	8	20			2
1	12	9	6		15	12	10	0	8	7	8	8	3				1
0		5				8	6	0		3	3				11	5	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 13-15 years
Age: 35-39 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	86		83		83		76				81	86	84	82		19
18	82	86	79				72				77	82	80	79		18
17	78	81	75		74		67			74		78		75		17
16	73	77	71			62	63	62	68			73	72	71		16
15	69	72	67		65		59	58			65					15
14	65	68	63	64	60	55	55	54	59		61	65	64	64		14
13	60	63	59		55		51	51		58		61	60	60	58	13
12	56	59	55	57	51	47	47	47	50		54	57	56		55	12
11	52	54	51	53	46	43	43	43	46	50	50	52	52	52	51	11
10	48	50	47	50	42	39	38	39	41		46	48	48	49	48	10
9	43	45	43	46	37	35	34	35	37	42	42	44	44	45	44	9
8	39	41	39	43	33	31	30	32	32		38	40	40	41	41	8
7	35	36	35	39	28	27	26	28	28	34	34	35	36	37	37	7
6	31	32	30	36		23	22	24	24	30		31	32	34	33	6
5	26	27	26	32	19	19	18	20	19	26	27	27	28	30	30	5
4	22	23	22	29		15	14	17	15	22		23	24	26	26	4
3	18	18	18	25	10	11	10		10	18		18	20	23	23	3
2	13	14	14	22	5	7	5	9	6	14		14	16	19	19	2
1	9		10	18	0	3	1	5	1	10				15		1
0				15		0	0	1								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	94	90	100	100	82	81	83	84	83				85	85	19	
18	90	86	99	97	78	77	79	80	79				81	81	18	
17	85	82	93	92	74	73	75	76	74				78	78	17	
16	81	78	88	87	70	69	71	71	70				74	74	16	
15	77	74	83	82	65	65	67	67	65			61	71	71	15	
14	73	70	78	77	61	61	62	63	61	59			67	67	14	
13	69	66	73	72	57	57	58	59	57		57	55	64	64	13	
12	65	62	68	67	53	53	54	54	52	51			60	60	12	
11	60	57	63	62	48	49	50	50	48		49	48	57	57	11	
10	56	53	58	57	44	45	46	46	44	44	46	45	53	53	10	
9	52	49	53	52	40	41	42	42	39	40	42	42	50	50	9	
8	48	45	48	47	36	37	38	38	35	36	38	38	46	46	8	
7	44	41	42	42	31	33	34	33	30	33	34	35	43	43	7	
6	39	37	37	37	27	29	30	29	26	29	30	32	39	39	6	
5	35	33	32	32	23	25	25	25	22	25	26	28	36	36	5	
4	31	29	27	28	19	21	21	21	17	21	22	25	32	32	4	
3	27	25	22	23	14	17	17	17	13	17	18	22	29	28	3	
2	23	21	17	18	10	13	13	12	8	14	14	19	25	25	2	
1	19	17	12	13	6	9	9	8	4	10	10	15	22	21	1	
0	14	13	7	8	2	5		4							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 13-15 years
Age: 40-44 years
Race: Caucasian

	Summary scores			Executive functions					Attention/Working memory							
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	Scaled score	
19	82		93	86	84	82	77	82	78						19	
18	78	83	87	82	79	78	74	78	75	75				76	18	
17	74	79	82	78	75	74	70	73			80				17	
16	70	75	77	74	70	71	67	69	67		76				16	
15	66	70	71	70	66	67	63	65	63	65	72	65	60	65	15	
14	61	66	66	66	61	63	59	61	59	62	68		57		14	
13	57	62	60	62	57	59	56	56	55	59	64	59		57	13	
12	53	58	55	58	52	55	52	52	51		61	55	51	53	12	
11	49	53	50	54	48	52	49	48	47	52	57	52		49	11	
10	44	49	44	50	44	48	45	43	43	49	53	48	45	45	10	
9	40	45	39	46	39	44	41	39		46	49	45	42	41	9	
8	36	40	34	42	35	40	38	35	35	43	45	41	39	37	8	
7	32	36	28	38	30	36	34	31	32		41	38	36	33	7	
6	27	32	23	34	26	33	31	26	28	36	38	34	32	29	6	
5	23	27	18	30	21	29	27	22	24	33	34	31	29	25	5	
4	19	23	12	26	17	25	23	18	20		30	28	26	21	4	
3	15	19	7	22	12	21	20	14	16	27	26	24	23	18	3	
2	10	14	1	18	8	17	16	9	12		22	21	20	14	2	
1	6	10	0	14	4	14	13	5		20	18	17	17	10	1	
0		6	0	10				1		17	15	14	14		0	

Speed of information processing					Spatial skills				Verbal/Academic skills								Scaled score
Scaled score	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	84		87		86		85		83								19
18	80	85	83	78			81		79								18
17	76	81	78	74	78		76		75	80				74	73		17
16	72	76	74	70	74	75	72		71	75		68		71	70	69	16
15	68	72	69	66	70	71	68		67	71				67	66		15
14	64	68	65	62	66	67	64		62	66		60		63	62	61	14
13	60	63	60	58	62	63	60		58	62	58	56		60	59	57	13
12	56	59	56	54	58	58	56		54	57			56	56	55	53	12
11	52	55	52	50	54	54	52	55	50	53	50	48		52	51	49	11
10	48	50	47	46	50	50	48		46	48	46	44		49	48	45	10
9	44	46	43	42	46	46	44	44	42	44	42	40	42	45	44	41	9
8	40	42	38	38	42	42	40		38	39	37	36		41	40	37	8
7	36	37	34	34	38	38	36	32	33	34	33	32	32	38	37	33	7
6	32	33	29	30	34	34	31		29	30	29	28		34	33	29	6
5	28	29	25	25	30	30	27	21	25	25	25	24	22	30	29	25	5
4	24	24	21	21	26	26	23		21	21	21	20		27	26	21	4
3	20	20	16		22	21	19	9	17	16	16	17	13	23	22		3
2	16	16	12		18	17	15	4	13	12	12	13	8	19			2
1	12	11	7		15	13	11	0	8	7	8	9	3				1
0		7				9	7	0		3	4				11	5	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 13-15 years
Age: 40-44 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	87		83		84		77				82	88	86	83		19
18	83	87	79				72				79	84	82	79		18
17	78	83	75		74		68			75		79		75		17
16	74	78	71			63	64	63	69			75	74	72		16
15	70	73	67		65		60	59			67					15
14	66	69	63	64	61	55	56	55	60		63	67	66	64		14
13	61	64	59		56		52	51		59		62	62	60	58	13
12	57	60	55	57	52	48	48	48	51		55	58	58		55	12
11	53	55	51	53	47	44	44	44	47	51	51	54	54	53	51	11
10	49	51	47	50	42	40	39	40	42		48	50	50	49	48	10
9	44	46	43	46	38	36	35	36	38	43	44	45	45	45	44	9
8	40	42	39	43	33	32	31	33	33		40	41	41	42	41	8
7	36	37	35	39	29	28	27	29	29	35	36	37	37	38	37	7
6	31	33	31	36		24	23	25	24	31		33	33	34	34	6
5	27	28	27	32	20	20	19	21	20	27	28	28	29	31	30	5
4	23	24	23	29		16	15	17	15	23		24	25	27	27	4
3	19	19	19	26	10	12	11		11	19		20	21	23	23	3
2	14	15	15	22	6	8	6	10	6	15		16	17	19	19	2
1	10		11	19	1	4	2	6	2	11				16		1
0				15		0	0	2								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	94	91	100	100	84	83	84	85	85				85	85		19
18	90	87	99	98	80	79	80	81	80				81	82		18
17	86	83	94	93	76	75	76	77	76				78	78		17
16	82	79	89	88	71	71	72	73	71				74	74		16
15	78	75	84	83	67	67	68	69	67			62	71	71		15
14	74	71	79	78	63	63	63	64	63	60			67	67		14
13	69	67	74	73	59	59	59	60	58		58	55	64	64		13
12	65	63	69	68	54	55	55	56	54	52			60	60		12
11	61	59	64	63	50	51	51	52	50		50	49	57	57		11
10	57	55	59	58	46	47	47	48	45	44	46	46	53	53		10
9	53	51	54	53	42	43	43	43	41	41	43	42	50	50		9
8	48	47	48	48	37	39	39	39	36	37	39	39	46	46		8
7	44	42	43	43	33	35	35	35	32	33	35	36	43	43		7
6	40	38	38	38	29	31	30	31	28	29	31	32	39	39		6
5	36	34	33	34	25	27	26	26	23	26	27	29	36	36		5
4	32	30	28	29	20	23	22	22	19	22	23	26	32	32		4
3	28	26	23	24	16	19	18	18	14	18	19	23	29	29		3
2	23	22	18	19	12	15	14	14	10	14	15	19	25	25		2
1	19	18	13	14	8	11	10	10	6	10	11	16	22	22		1
0	15	14	8	9	3	7		5								0

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 13-15 years
Age: 45-49 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	81		95	88	85	83	78	83	78						19
18	77	82	90	84	81	79	74	79	75	76				77	18
17	72	78	84	80	76	75	71	75			81				17
16	68	74	79	76	72	71	67	70	67		77				16
15	64	69	74	72	67	68	64	66	63	66	73	66	61	66	15
14	60	65	68	68	63	64	60	62	59	63	69		58		14
13	55	61	63	64	58	60	56	58	55	59	65	59		58	13
12	51	56	58	60	54	56	53	53	51		61	56	52	54	12
11	47	52	52	56	50	52	49	49	47	53	58	52		50	11
10	43	48	47	52	45	49	46	45	43	50	54	49	45	46	10
9	38	43	41	48	41	45	42	41		47	50	46	42	42	9
8	34	39	36	44	36	41	38	36	35	43	46	42	39	38	8
7	30	35	31	40	32	37	35	32	32		42	39	36	34	7
6	26	31	25	36	27	33	31	28	28	37	38	35	33	30	6
5	22	26	20	32	23	30	28	24	24	34	35	32	30	26	5
4	17	22	15	28	18	26	24	19	20		31	28	27	22	4
3	13	18	9	24	14	22	20	15	16	27	27	25	24	18	3
2	9	13	4	20	10	18	17	11	12		23	21	21	15	2
1	5	9	0	16	5	14	13	6		21	19	18	17	11	1
0		5	0	11				2		17	15	15	14		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	87		89		88		86		82								19
18	83	87	84	79			82		78								18
17	79	83	80	75	80		78		74	80				74	74		17
16	75	79	75	71	76	76	74		69	75		68		70	70	69	16
15	71	74	71	67	72	72	70		65	71				67	66		15
14	67	70	67	63	68	68	66		61	66		61		63	63	61	14
13	63	66	62	59	64	64	62		57	62	59	57		59	59	57	13
12	59	61	58	55	60	60	58		53	57			56	56	55	53	12
11	55	57	53	51	56	56	53	56	49	53	50	49		52	52	49	11
10	51	53	49	47	52	51	49		44	48	46	45		48	48	45	10
9	47	48	44	43	48	47	45	44	40	44	42	41	42	45	44	41	9
8	43	44	40	39	44	43	41		36	39	38	37		41	41	37	8
7	39	40	35	35	40	39	37	33	32	34	33	33	32	37	37	33	7
6	35	35	31	31	36	35	33		28	30	29	29		34	33	29	6
5	31	31	27	26	32	31	29	21	24	25	25	25	22	30	30	25	5
4	27	27	22	22	28	27	25		20	21	21	21		26	26	21	4
3	23	22	18		24	23	21	10	15	16	17	17	13	23	22		3
2	19	18	13		20	19	17	4	11	12	12	13	8	19			2
1	15	13	9		16	14	13	0	7	7	8	9	3				1
0		9				10	8	0		3	4				12	5	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 13-15 years
Age: 45-49 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	88		84		85		78				84	89	88	83		19
18	84	88	80				74				80	85	83	80		18
17	79	84	76		75		70			76		81		76		17
16	75	79	72			64	65	64	70			77	75	72		16
15	71	75	68		66		61	60			69					15
14	67	70	64	64	62	57	57	56	61		65	68	67	65		14
13	62	65	60		57		53	52		60		64	63	61	58	13
12	58	61	55	57	52	49	49	49	52		57	60	59		55	12
11	54	56	51	53	48	45	45	45	48	52	53	55	55	53	51	11
10	50	52	47	50	43	41	41	41	43		49	51	51	50	48	10
9	45	47	43	46	39	37	36	37	39	44	45	47	47	46	44	9
8	41	43	39	43	34	33	32	34	34		41	43	43	42	41	8
7	37	38	35	40	30	29	28	30	30	36	38	38	39	38	37	7
6	32	34	31	36		25	24	26	25	32		34	35	35	34	6
5	28	29	27	33	20	21	20	22	21	28	30	30	31	31	30	5
4	24	25	23	29		17	16	19	16	24		26	27	27	27	4
3	20	20	19	26	11	13	12		12	20		22	23	24	23	3
2	15	16	15	22	7	9	8	11	7	16		17	19	20	20	2
1	11		11	19	2	5	3	7	3	12				16		1
0				15		1	0	3								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	95	93	100	100	86	84	85	87	86				85	85	19	
18	91	89	100	100	82	80	81	83	82				81	82	18	
17	87	85	96	95	78	76	77	79	78				78	78	17	
16	83	81	91	90	73	72	73	74	73				74	75	16	
15	78	76	86	85	69	68	69	70	69			63	71	71	15	
14	74	72	80	80	65	64	65	66	64	60			67	68	14	
13	70	68	75	75	61	60	60	62	60		59	56	64	64	13	
12	66	64	70	70	56	56	56	58	56	53			60	60	12	
11	62	60	65	65	52	52	52	53	51		51	50	57	57	11	
10	58	56	60	60	48	48	48	49	47	45	47	46	53	53	10	
9	53	52	55	55	44	44	44	45	43	41	43	43	50	50	9	
8	49	48	50	50	39	40	40	41	38	38	40	40	46	46	8	
7	45	44	45	45	35	36	36	36	34	34	36	37	43	43	7	
6	41	40	40	40	31	32	32	32	29	30	32	33	39	39	6	
5	37	36	35	35	27	28	27	28	25	26	28	30	36	36	5	
4	32	32	29	30	22	24	23	24	21	22	24	27	32	32	4	
3	28	28	24	25	18	20	19	20	16	19	20	23	29	29	3	
2	24	23	19	20	14	16	15	15	12	15	16	20	25	25	2	
1	20	19	14	15	10	12	11	11	7	11	12	17	22	22	1	
0	16	15	9	10	5	8		7							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 13-15 years
Age: 50-54 years
Race: Caucasian

	Summary scores			Executive functions					Attention/Working memory							
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	Scaled score	
19	81		98	90	87	84	79	85	78						19	
18	77	81	92	86	82	80	75	80	75	76				79	18	
17	72	77	87	81	78	76	71	76			82				17	
16	68	73	82	77	74	72	68	72	67		78				16	
15	64	68	76	73	69	68	64	68	63	66	74	67	62	67	15	
14	60	64	71	69	65	65	61	63	59	63	70		59		14	
13	55	60	66	65	60	61	57	59	55	60	66	60		59	13	
12	51	55	60	61	56	57	53	55	51		62	57	52	55	12	
11	47	51	55	57	51	53	50	51	47	53	59	53		51	11	
10	43	47	50	53	47	49	46	46	43	50	55	50	46	47	10	
9	38	42	44	49	42	46	43	42		47	51	46	43	43	9	
8	34	38	39	45	38	42	39	38	35	44	47	43	40	39	8	
7	30	34	33	41	34	38	35	33	32		43	39	37	35	7	
6	26	29	28	37	29	34	32	29	28	37	39	36	34	31	6	
5	22	25	23	33	25	30	28	25	24	34	36	32	30	27	5	
4	17	21	17	29	20	27	25	21	20		32	29	27	24	4	
3	13	16	12	25	16	23	21	16	16	28	28	26	24	20	3	
2	9	12	7	21	11	19	17	12	12		24	22	21	16	2	
1	5	8	1	17	7	15	14	8		21	20	19	18	12	1	
0		3	0	13				4		18	16	15	15		0	

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCR N	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	87		90		88		88		82								19
18	83	90	86	81			84		78								18
17	79	85	82	76	80		80		74	80				74	74		17
16	75	81	77	72	76	77	76		69	75		70		70	70	69	16
15	71	77	73	68	72	73	72		65	71				66	67		15
14	67	72	68	64	68	69	68		61	66		62		63	63	61	14
13	63	68	64	60	64	65	64		57	62	59	58		59	59	57	13
12	59	64	59	56	60	61	59		53	57			56	55	56	53	12
11	55	59	55	52	56	57	55	56	49	53	50	50		52	52	49	11
10	51	55	50	48	52	53	51		44	48	46	46		48	48	45	10
9	47	51	46	44	48	49	47	45	40	44	42	42	42	44	45	41	9
8	43	46	42	40	44	44	43		36	39	38	38		41	41	37	8
7	39	42	37	36	40	40	39	33	32	34	34	34	32	37	37	33	7
6	35	37	33	32	36	36	35		28	30	29	30		33	34	29	6
5	31	33	28	28	32	32	31	22	24	25	25	26	22	30	30	25	5
4	27	29	24	24	28	28	27		20	21	21	22		26	26	21	4
3	23	24	19		24	24	23	10	15	16	17	18	13	22	23		3
2	19	20	15		20	20	19	4	11	12	13	14	8	19			2
1	15	16	10		16	16	14	0	7	7	8	10	3				1
0		11				12	10	0		3	4				12	5	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 13-15 years
Age: 50-54 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	89		84		86		79				86	91	89	84		19
18	85	89	80				75				82	87	85	80		18
17	80	85	76		76		71			77		82		76		17
16	76	80	72			66	67	65	72			78	77	73		16
15	72	76	68		67		63	61			70					15
14	68	71	64	64	63	58	59	58	63		66	70	69	65		14
13	63	67	60		58		54	54		61		65	65	61	58	13
12	59	62	56	57	54	50	50	50	54		59	61	61		55	12
11	55	57	52	54	49	46	46	46	49	53	55	57	57	54	51	11
10	50	53	48	50	44	42	42	43	45		51	53	53	50	48	10
9	46	48	44	47	40	38	38	39	40	45	47	48	49	46	44	9
8	42	44	40	43	35	34	34	35	36		43	44	45	43	41	8
7	38	39	36	40	31	30	30	31	31	38	39	40	41	39	37	7
6	33	35	32	36		26	26	27	27	34		36	37	35	34	6
5	29	30	28	33	21	22	21	24	22	30	31	32	33	32	30	5
4	25	26	24	29		18	17	20	18	26		27	28	28	27	4
3	21	21	19	26	12	14	13		13	22		23	24	24	23	3
2	16	17	15	22	8	10	9	12	9	18		19	20	20	20	2
1	12		11	19	3	6	5	9	4	14				17		1
0				15		2	1	5								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	96	94	100	100	89	87	87	89	88				85	85	19	
18	92	90	100	100	84	83	82	85	84				81	82	18	
17	88	86	97	97	80	79	78	81	80				78	78	17	
16	84	82	92	92	76	75	74	76	75				74	75	16	
15	79	78	87	87	71	71	70	72	71			64	71	71	15	
14	75	74	82	82	67	67	66	68	66	61			67	68	14	
13	71	70	77	77	63	63	62	64	62		60	57	64	64	13	
12	67	66	72	72	59	59	58	59	58	54			60	61	12	
11	63	62	67	67	54	55	54	55	53		52	51	57	57	11	
10	58	57	62	62	50	51	49	51	49	46	48	47	53	54	10	
9	54	53	57	57	46	47	45	47	45	42	44	44	50	50	9	
8	50	49	52	52	42	43	41	43	40	38	41	41	46	47	8	
7	46	45	46	47	37	39	37	38	36	35	37	38	43	43	7	
6	42	41	41	42	33	35	33	34	31	31	33	34	39	39	6	
5	38	37	36	37	29	31	29	30	27	27	29	31	36	36	5	
4	33	33	31	32	25	27	25	26	23	23	25	28	32	32	4	
3	29	29	26	27	20	23	21	21	18	20	21	24	29	29	3	
2	25	25	21	22	16	19	17	17	14	16	17	21	25	25	2	
1	21	21	16	17	12	15	12	13	9	12	13	18	22	22	1	
0	17	17	11	12	8	11		9							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 13-15 years
Age: 55-59 years
Race: Caucasian

	Summary scores			Executive functions					Attention/Working memory							
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	Scaled score	
19	79		100	91	89	84	79	86	79						19	
18	75	80	95	87	84	81	76	82	75	77				80	18	
17	71	76	90	83	80	77	72	78			82				17	
16	66	72	85	79	75	73	68	73	67		79				16	
15	62	67	79	75	71	69	65	69	63	67	75	68	62	68	15	
14	58	63	74	71	67	65	61	65	60	64	71		59		14	
13	54	59	69	67	62	62	58	60	56	60	67	61		60	13	
12	50	54	63	63	58	58	54	56	52		63	57	53	56	12	
11	45	50	58	59	53	54	50	52	48	54	59	54		52	11	
10	41	46	53	55	49	50	47	48	44	51	56	50	47	49	10	
9	37	41	47	51	44	46	43	43		48	52	47	44	45	9	
8	33	37	42	47	40	43	40	39	36	44	48	44	40	41	8	
7	28	33	37	43	35	39	36	35	32		44	40	37	37	7	
6	24	28	31	39	31	35	32	31	28	38	40	37	34	33	6	
5	20	24	26	35	27	31	29	26	24	35	36	33	31	29	5	
4	16	20	20	31	22	27	25	22	20		33	30	28	25	4	
3	11	15	15	27	18	24	22	18	17	28	29	26	25	21	3	
2	7	11	10	23	13	20	18	14	13		25	23	22	17	2	
1	3	7	4	19	9	16	15	9		22	21	19	19	13	1	
0		2	0	15				5		18	17	16	15		0	

Speed of information processing					Spatial skills				Verbal/Academic skills								Scaled score
Scaled score	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	90		92		91		90		81								19
18	86	89	88	82			86		76								18
17	82	85	83	78	83		82		72	80				73	74		17
16	78	80	79	74	79	78	78		68	75		71		70	71	69	16
15	74	76	74	70	75	74	74		64	71				66	67		15
14	70	72	70	66	71	70	70		60	66		63		62	63	61	14
13	66	67	65	62	67	66	66		56	62	59	59		59	60	57	13
12	62	63	61	58	63	62	62		51	57			56	55	56	53	12
11	58	58	57	54	59	58	58	56	47	53	51	51		51	52	49	11
10	54	54	52	50	55	54	54		43	48	46	47		48	49	45	10
9	50	50	48	46	51	50	49	45	39	44	42	43	42	44	45	41	9
8	46	45	43	42	47	46	45		35	39	38	40		40	41	37	8
7	42	41	39	37	43	42	41	33	31	34	34	36	32	36	38	33	7
6	38	37	34	33	39	37	37		27	30	30	32		33	34	29	6
5	34	32	30	29	35	33	33	22	22	25	25	28	23	29	30	25	5
4	30	28	25	25	31	29	29		18	21	21	24		25	27	21	4
3	26	24	21		27	25	25	10	14	16	17	20	13	22	23		3
2	23	19	17		23	21	21	5	10	12	13	16	8	18			2
1	19	15	12		19	17	17	0	6	7	9	12	3				1
0		11				13	13	0		3	4				12	5	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 13-15 years
Age: 55-59 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	90		85		87		81				87	92	91	84		19
18	86	90	81				77				83	88	87	81		18
17	81	86	76		78		73			79		84		77		17
16	77	81	72			68	69	67	73			80	79	73		16
15	73	77	68		69		65	63			72					15
14	68	72	64	64	64	60	60	59	64		68	71	71	66		14
13	64	68	60		59		56	55		63		67	66	62	59	13
12	60	63	56	57	55	52	52	52	55		60	63	62		55	12
11	56	59	52	54	50	48	48	48	51	55	56	59	58	54	52	11
10	51	54	48	50	46	44	44	44	46		52	54	54	51	48	10
9	47	50	44	47	41	40	40	40	42	47	48	50	50	47	44	9
8	43	45	40	43	37	36	36	37	37		45	46	46	43	41	8
7	39	40	36	40	32	32	31	33	33	39	41	42	42	39	37	7
6	34	36	32	36		28	27	29	28	35		37	38	36	34	6
5	30	31	28	33	23	24	23	25	24	31	33	33	34	32	30	5
4	26	27	24	29		20	19	21	19	27		29	30	28	27	4
3	21	22	20	26	14	16	15		15	23		25	26	25	23	3
2	17	18	16	22	9	12	11	14	10	19		20	22	21	20	2
1	13		12	19	4	8	7	10	6	15				17		1
0			16			4	3	6								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons														Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L	
19	97	96	100	100	91	89	88	91	91				85	85	19
18	93	91	100	100	87	85	84	87	86				82	82	18
17	89	87	99	99	82	81	80	83	82				78	78	17
16	85	83	94	94	78	77	76	78	77				75	75	16
15	81	79	89	89	74	73	72	74	73			65	71	71	15
14	76	75	84	84	70	69	68	70	69	62			67	68	14
13	72	71	79	79	65	65	64	66	64		61	59	64	64	13
12	68	67	74	74	61	61	59	61	60	55			60	61	12
11	64	63	69	69	57	57	55	57	56		53	52	57	57	11
10	60	59	64	64	53	53	51	53	51	47	49	49	53	54	10
9	55	55	59	59	48	49	47	49	47	43	45	45	50	50	9
8	51	51	54	54	44	45	43	45	42	40	41	42	46	47	8
7	47	47	48	49	40	41	39	40	38	36	38	39	43	43	7
6	43	43	43	44	36	37	35	36	34	32	34	36	39	40	6
5	39	38	38	39	31	33	31	32	29	28	30	32	36	36	5
4	35	34	33	34	27	29	26	28	25	24	26	29	32	33	4
3	30	30	28	29	23	25	22	23	20	21	22	26	29	29	3
2	26	26	23	24	19	21	18	19	16	17	18	22	25	25	2
1	22	22	18	19	14	17	14	15	12	13	14	19	22	22	1
0	18	18	13	14	10	13		11							0

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 13-15 years
Age: 60-64 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	79		100	93	91	84	80	88	79						19
18	75	79	99	89	86	80	76	83	75	77				82	18
17	71	75	93	85	82	77	73	79			83				17
16	66	70	88	81	78	73	69	75	67		79				16
15	62	66	83	77	73	69	65	70	63	67	76	68	63	70	15
14	58	62	77	73	69	65	62	66	60	64	72		60		14
13	54	57	72	69	64	61	58	62	56	61	68	61		62	13
12	50	53	67	65	60	58	55	58	52		64	58	53	58	12
11	45	49	61	61	55	54	51	53	48	54	60	55		54	11
10	41	45	56	57	51	50	47	49	44	51	56	51	47	50	10
9	37	40	51	53	46	46	44	45		48	53	48	44	46	9
8	33	36	45	49	42	42	40	41	36	45	49	44	41	42	8
7	28	32	40	45	38	39	37	36	32		45	41	38	38	7
6	24	27	34	41	33	35	33	32	28	38	41	37	35	34	6
5	20	23	29	37	29	31	30	28	24	35	37	34	32	31	5
4	16	19	24	33	24	27	26	23	20		33	30	29	27	4
3	11	14	18	29	20	24	22	19	17	29	30	27	25	23	3
2	7	10	13	25	15	20	19	15	13		26	24	22	19	2
1	3	6	8	21	11	16	15	11		22	22	20	19	15	1
0		1	2	17				6		19	18	17	16		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	90		94		91		93		81								19
18	86	91	89	84			89		76								18
17	82	87	85	80	83		85		72	80				73	75		17
16	78	82	80	76	79	80	81		68	75		73		69	71	69	16
15	74	78	76	72	75	76	77		64	71				65	67		15
14	70	74	72	68	71	72	73		60	66		65		62	64	61	14
13	66	69	67	64	67	67	69		56	62	59	61		58	60	57	13
12	62	65	63	60	63	63	64		51	57			56	54	56	53	12
11	58	61	58	56	59	59	60	57	47	53	51	53		51	53	49	11
10	54	56	54	51	55	55	56		43	48	47	49		47	49	45	10
9	50	52	49	47	51	51	52	45	39	44	42	45	42	43	45	41	9
8	46	48	45	43	47	47	48		35	39	38	41		40	42	37	8
7	42	43	40	39	43	43	44	34	31	34	34	37	32	36	38	33	7
6	38	39	36	35	39	39	40		27	30	30	33		32	34	29	6
5	34	35	32	31	35	35	36	22	22	25	26	29	23	29	31	25	5
4	30	30	27	27	31	30	32		18	21	21	26		25	27	21	4
3	26	26	23		27	26	28	11	14	16	17	22	13	21	24		3
2	23	22	18		23	22	24	5	10	12	13	18	8	18			2
1	19	17	14		19	18	19	0	6	7	9	14	3				1
0		13				14	15	0		3	5				13	5	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 13-15 years
Age: 60-64 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	91		85		89		83				89	94	92	85		19
18	87	91	81				79				85	90	88	81		18
17	82	87	77		79		75			81		85		77		17
16	78	82	73			69	71	69	75			81	80	74		16
15	74	78	69		70		67	65			73					15
14	69	73	65	64	66	62	63	61	66		70	73	72	66		14
13	65	69	61		61		58	57		65		69	68	62	59	13
12	61	64	57	57	56	54	54	54	57		62	64	64		55	12
11	57	60	53	54	52	50	50	50	53	57	58	60	60	55	52	11
10	52	55	49	50	47	46	46	46	48		54	56	56	51	48	10
9	48	51	44	47	43	42	42	42	44	49	50	52	52	47	45	9
8	44	46	40	43	38	38	38	39	39		46	47	48	44	41	8
7	40	42	36	40	34	34	34	35	35	41	42	43	44	40	37	7
6	35	37	32	37		30	29	31	30	37		39	40	36	34	6
5	31	32	28	33	24	26	25	27	26	33	35	35	36	33	30	5
4	27	28	24	30		22	21	23	21	29		30	32	29	27	4
3	22	23	20	26	15	18	17		17	25		26	28	25	23	3
2	18	19	16	23	11	14	13	16	12	21		22	24	21	20	2
1	14		12	19	6	10	9	12	8	17				18		1
0			16			6	5	8								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	99	97	100	100	94	91	90	93	93				85	86	19	
18	94	93	100	100	89	87	86	89	89				82	82	18	
17	90	89	100	100	85	83	82	85	84				78	79	17	
16	86	85	96	96	81	79	78	81	80				75	75	16	
15	82	81	91	91	77	75	74	76	76			67	71	71	15	
14	78	76	86	86	72	71	70	72	71	64			68	68	14	
13	74	72	81	81	68	67	66	68	67		62	60	64	64	13	
12	69	68	76	76	64	63	62	64	62	56			61	61	12	
11	65	64	71	71	60	59	57	59	58		54	53	57	57	11	
10	61	60	66	66	55	55	53	55	54	48	50	50	54	54	10	
9	57	56	61	61	51	51	49	51	49	45	46	47	50	50	9	
8	53	52	56	56	47	47	45	47	45	41	42	44	47	47	8	
7	48	48	51	51	43	43	41	43	40	37	39	40	43	43	7	
6	44	44	46	46	38	39	37	38	36	33	35	37	39	40	6	
5	40	40	40	41	34	35	33	34	32	29	31	34	36	36	5	
4	36	36	35	36	30	31	29	30	27	26	27	30	32	33	4	
3	32	32	30	31	26	27	24	26	23	22	23	27	29	29	3	
2	28	28	25	26	21	23	20	21	19	18	19	24	25	26	2	
1	23	23	20	21	17	19	16	17	14	14	15	21	22	22	1	
0	19	19	15	16	13	15		13							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 13-15 years
Age: 65-69 years
Race: Caucasian

	Summary scores			Executive functions					Attention/Working memory							
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	Scaled score	
19	78		100	95	93	85	80	89	79						19	
18	73	78	100	91	89	81	77	85	75	78				84	18	
17	69	74	97	87	84	77	73	80			84				17	
16	65	69	92	83	80	74	70	76	67		80				16	
15	61	65	86	79	75	70	66	72	63	68	77	69	63	72	15	
14	56	61	81	75	71	66	62	68	60	65	73		60		14	
13	52	56	76	71	67	62	59	63	56	61	69	62		64	13	
12	48	52	70	67	62	58	55	59	52		65	59	54	60	12	
11	44	48	65	63	58	55	52	55	48	55	61	55		56	11	
10	39	43	60	59	53	51	48	51	44	52	57	52	48	52	10	
9	35	39	54	54	49	47	45	46		49	54	48	45	48	9	
8	31	35	49	50	44	43	41	42	36	45	50	45	42	44	8	
7	27	30	43	46	40	40	37	38	32		46	42	38	40	7	
6	23	26	38	42	35	36	34	33	28	39	42	38	35	36	6	
5	18	22	33	38	31	32	30	29	24	36	38	35	32	33	5	
4	14	17	27	34	26	28	27	25	20		34	31	29	29	4	
3	10	13	22	30	22	24	23	21	17	29	31	28	26	25	3	
2	6	9	17	26	18	21	19	16	13		27	24	23	21	2	
1	1	5	11	22	13	17	16	12		23	23	21	20	17	1	
0		0	6	18				8		19	19	17	17		0	

Speed of information processing					Spatial skills				Verbal/Academic skills								Scaled score
Scaled score	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	93		95		93		96		79								19
18	89	93	91	86			92		75								18
17	85	89	86	82	85		88		71	80				72	75		17
16	81	85	82	78	81	81	84		67	75		75		68	71	68	16
15	77	80	78	74	77	77	80		63	71				65	68		15
14	73	76	73	70	73	73	76		58	66		67		61	64	60	14
13	69	72	69	66	69	69	72		54	62	60	63		57	60	57	13
12	65	67	64	62	65	65	68		50	57			56	54	57	53	12
11	61	63	60	58	61	60	64	57	46	53	51	55		50	53	49	11
10	57	59	55	54	57	56	60		42	48	47	51		46	49	45	10
9	53	54	51	50	53	52	55	46	38	44	43	47	42	43	46	41	9
8	49	50	47	46	49	48	51		34	39	38	43		39	42	37	8
7	45	46	42	41	45	44	47	34	29	34	34	39	32	35	38	33	7
6	42	41	38	37	41	40	43		25	30	30	35		32	35	29	6
5	38	37	33	33	37	36	39	23	21	25	26	31	23	28	31	25	5
4	34	33	29	29	33	32	35		17	21	22	28		24	28	21	4
3	30	28	24		29	28	31	11	13	16	17	24	13	21	24		3
2	26	24	20		25	23	27	5	9	12	13	20	8	17			2
1	22	20	15		21	19	23	0	4	7	9	16	4				1
0		15				15	19	0		3	5				13	5	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 13-15 years
Age: 65-69 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	92		85		90		86				91	96	94	85		19
18	87	92	81				82				87	91	90	81		18
17	83	88	77		81		77			83		87		78		17
16	79	83	73			72	73	71	77			83	82	74		16
15	75	79	69		72		69	67			75					15
14	70	74	65	64	67	64	65	63	68		71	74	74	67		14
13	66	70	61		63		61	60		67		70	70	63	59	13
12	62	65	57	58	58	56	57	56	59		63	66	66		55	12
11	58	61	53	54	54	52	53	52	55	59	59	62	62	55	52	11
10	53	56	49	51	49	48	48	48	50		56	57	58	52	48	10
9	49	52	45	47	45	44	44	45	46	51	52	53	54	48	45	9
8	45	47	41	44	40	40	40	41	41		48	49	49	44	41	8
7	40	43	37	40	35	36	36	37	37	43	44	45	45	40	38	7
6	36	38	33	37		32	32	33	32	39		40	41	37	34	6
5	32	34	29	33	26	28	28	29	28	35	36	36	37	33	31	5
4	28	29	25	30		24	24	26	23	31		32	33	29	27	4
3	23	24	21	26	17	20	20		19	27		28	29	26	23	3
2	19	20	17	23	13	16	15	18	14	23		23	25	22	20	2
1	15		13	19	8	12	11	14	10	19				18		1
0			16			8	7	11								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	98	100	100	97	94	93	96	96				85	86	19	
18	96	94	100	100	92	90	89	91	91				82	82	18	
17	92	90	100	100	88	86	85	87	87				78	79	17	
16	88	86	99	98	84	82	80	83	83				75	75	16	
15	83	82	94	93	80	78	76	79	78			68	71	72	15	
14	79	78	89	88	75	74	72	74	74	65			68	68	14	
13	75	74	83	83	71	70	68	70	69		63	62	64	65	13	
12	71	70	78	78	67	66	64	66	65	57			61	61	12	
11	67	65	73	73	63	62	60	62	61		55	55	57	57	11	
10	63	61	68	68	58	58	56	58	56	50	51	52	54	54	10	
9	58	57	63	63	54	54	52	53	52	46	47	49	50	50	9	
8	54	53	58	58	50	50	47	49	47	42	43	45	47	47	8	
7	50	49	53	54	46	46	43	45	43	39	39	42	43	43	7	
6	46	45	48	49	41	42	39	41	39	35	36	39	40	40	6	
5	42	41	43	44	37	38	35	37	34	31	32	35	36	36	5	
4	37	37	38	39	33	34	31	32	30	27	28	32	33	33	4	
3	33	33	32	34	29	30	27	28	26	23	24	29	29	29	3	
2	29	29	27	29	24	26	23	24	21	20	20	26	26	26	2	
1	25	25	22	24	20	22	19	20	17	16	16	22	22	22	1	
0	21	21	17	19	16	18		15							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 13-15 years
Age: 70-74 years
Race: Caucasian

	Summary scores			Executive functions					Attention/Working memory							
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	Scaled score	
19	76		100	96	96	86	81	90	79						19	
18	72	77	100	92	91	82	77	86	75	78				86	18	
17	67	73	100	88	87	78	74	82			85				17	
16	63	68	96	84	82	75	70	78	67		81				16	
15	59	64	90	80	78	71	67	73	63	68	77	70	64	74	15	
14	55	60	85	76	73	67	63	69	60	65	74		61		14	
13	51	55	79	72	69	63	60	65	56	62	70	63		66	13	
12	46	51	74	68	64	59	56	60	52		66	59	55	62	12	
11	42	47	69	64	60	56	52	56	48	55	62	56		58	11	
10	38	42	63	60	56	52	49	52	44	52	58	53	48	54	10	
9	34	38	58	56	51	48	45	48		49	54	49	45	50	9	
8	29	34	53	52	47	44	42	43	36	46	51	46	42	47	8	
7	25	29	47	48	42	40	38	39	32		47	42	39	43	7	
6	21	25	42	44	38	37	34	35	28	39	43	39	36	39	6	
5	17	21	37	40	33	33	31	31	24	36	39	35	33	35	5	
4	12	16	31	36	29	29	27	26	20		35	32	30	31	4	
3	8	12	26	32	24	25	24	22	17	30	31	28	27	27	3	
2	4	8	20	28	20	21	20	18	13		28	25	23	23	2	
1	0	3	15	24	16	18	16	13		23	24	22	20	19	1	
0		0	10	20				9		20	20	18	17		0	

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	96		97		95		100		78								19
18	92	96	93	89			96		74								18
17	88	91	88	85	87		92		70	80				71	75		17
16	84	87	84	81	83	82	88		65	75		77		68	72	68	16
15	80	83	79	76	79	78	84		61	71				64	68		15
14	76	78	75	72	75	74	80		57	66		69		60	64	60	14
13	72	74	70	68	71	70	76		53	62	60	65		57	61	56	13
12	68	70	66	64	67	66	71		49	57			56	53	57	52	12
11	64	65	61	60	63	62	67	57	45	53	51	57		49	53	48	11
10	61	61	57	56	59	58	63		41	48	47	53		45	50	44	10
9	57	57	53	52	55	53	59	46	36	44	43	49	42	42	46	40	9
8	53	52	48	48	51	49	55		32	39	39	45		38	42	37	8
7	49	48	44	44	47	45	51	34	28	34	34	42	32	34	39	33	7
6	45	44	39	40	43	41	47		24	30	30	38		31	35	29	6
5	41	39	35	36	39	37	43	23	20	25	26	34	23	27	32	25	5
4	37	35	30	32	35	33	39		16	21	22	30		23	28	21	4
3	33	31	26		31	29	35	11	11	16	18	26	13	20	24		3
2	29	26	22		27	25	31	6	7	12	13	22	8	16			2
1	25	22	17		23	21	26	0	3	7	9	18	4				1
0		18				16	22	0		3	5				13	5	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 13-15 years
Age: 70-74 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	93		86		93		89				92	97	96	86		19
18	88	93	82				84				88	93	92	82		18
17	84	89	78		83		80			86		89		78		17
16	80	84	74			75	76	74	80			84	83	75		16
15	76	80	70		74		72	70			77					15
14	71	75	65	65	70	67	68	66	71		73	76	75	67		14
13	67	71	61		65		64	62		70		72	71	63	59	13
12	63	66	57	58	60	59	60	59	62		65	67	67		55	12
11	58	62	53	54	56	55	56	55	57	62	61	63	63	56	52	11
10	54	57	49	51	51	51	51	51	53		57	59	59	52	48	10
9	50	53	45	47	47	47	47	47	48	54	53	55	55	48	45	9
8	46	48	41	44	42	43	43	43	44		49	50	51	45	41	8
7	41	44	37	40	38	39	39	40	39	46	46	46	47	41	38	7
6	37	39	33	37		35	35	36	35	42		42	43	37	34	6
5	33	35	29	33	28	31	31	32	30	38	38	38	39	34	31	5
4	29	30	25	30		27	27	28	26	34		34	35	30	27	4
3	24	26	21	26	19	23	23		21	30		29	31	26	24	3
2	20	21	17	23	15	19	18	21	17	26		25	27	22	20	2
1	16		13	19	10	15	14	17	12	22				19		1
0			16			11	10	13								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	99	100	100	100	97	96	98	98				85	86	19	
18	98	95	100	100	96	93	91	94	94				82	82	18	
17	94	91	100	100	91	89	87	90	90				78	79	17	
16	89	87	100	100	87	85	83	85	85				75	75	16	
15	85	83	96	96	83	81	79	81	81			70	71	72	15	
14	81	79	91	91	78	77	75	77	77	67			68	68	14	
13	77	75	86	86	74	73	71	73	72		64	64	64	65	13	
12	73	71	81	81	70	69	67	69	68	59			61	61	12	
11	69	67	76	76	66	65	63	64	63		56	57	57	58	11	
10	64	63	71	71	61	61	58	60	59	52	52	54	54	54	10	
9	60	58	65	66	57	57	54	56	55	48	48	51	50	51	9	
8	56	54	60	61	53	53	50	52	50	44	44	47	47	47	8	
7	52	50	55	56	49	49	46	48	46	40	40	44	43	43	7	
6	48	46	50	51	44	45	42	43	41	37	36	41	40	40	6	
5	44	42	45	46	40	41	38	39	37	33	33	37	36	36	5	
4	39	38	40	41	36	37	34	35	33	29	29	34	33	33	4	
3	35	34	35	36	32	33	30	31	28	25	25	31	29	29	3	
2	31	30	30	31	27	29	26	26	24	21	21	28	26	26	2	
1	27	26	25	26	23	25	21	22	20	18	17	24	22	22	1	
0	23	22	20	21	19	21		18							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 13-15 years
Age: 75-79 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	74		100	98	98	87	82	92	79						19
18	70	76	100	94	94	83	78	87	75	79				88	18
17	66	71	100	90	89	79	75	83			86				17
16	62	67	100	86	85	75	71	79	67		82				16
15	57	63	94	82	80	72	67	75	63	69	78	71	65	77	15
14	53	59	89	78	76	68	64	70	60	66	75		61		14
13	49	54	84	74	72	64	60	66	56	62	71	64		69	13
12	45	50	78	70	67	60	57	62	52		67	60	55	65	12
11	40	46	73	66	63	56	53	58	48	56	63	57		61	11
10	36	41	68	62	58	53	49	53	44	53	59	53	49	57	10
9	32	37	62	58	54	49	46	49		49	55	50	46	53	9
8	28	33	57	54	49	45	42	45	36	46	51	46	43	49	8
7	24	28	51	50	45	41	39	41	32		48	43	40	45	7
6	19	24	46	46	40	37	35	36	28	40	44	40	37	41	6
5	15	20	41	42	36	34	31	32	24	37	40	36	33	37	5
4	11	15	35	38	32	30	28	28	20		36	33	30	33	4
3	7	11	30	34	27	26	24	23	17	30	32	29	27	30	3
2	2	7	25	30	23	22	21	19	13		28	26	24	26	2
1	0	2	19	26	18	18	17	15		24	25	22	21	22	1
0		0	14	22				11		20	21	19	18		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	99		99		97		100		77								19
18	95	98	94	92			100		72								18
17	91	94	90	88	89		96		68	80				70	76		17
16	87	89	85	83	85	83	92		64	75		79		67	72	68	16
15	84	85	81	79	81	79	88		60	71				63	68		15
14	80	81	76	75	77	75	84		56	66		71		59	65	60	14
13	76	76	72	71	73	71	80		52	62	60	68		56	61	56	13
12	72	72	68	67	69	67	76		48	57			56	52	57	52	12
11	68	68	63	63	65	63	72	58	43	53	52	60		48	54	48	11
10	64	63	59	59	61	59	68		39	48	47	56		45	50	44	10
9	60	59	54	55	57	55	63	46	35	44	43	52	42	41	46	40	9
8	56	55	50	51	53	51	59		31	39	39	48		37	43	36	8
7	52	50	45	47	49	46	55	35	27	34	35	44	32	34	39	32	7
6	48	46	41	43	45	42	51		23	30	30	40		30	36	28	6
5	44	42	36	39	41	38	47	23	18	25	26	36	23	26	32	24	5
4	40	37	32	35	37	34	43		14	21	22	32		23	28	21	4
3	36	33	28		33	30	39	12	10	16	18	28	13	19	25		3
2	32	29	23		29	26	35	6	6	12	14	24	8	15			2
1	28	24	19		25	22	31	0	2	7	9	20	4				1
0		20				18	27	0		3	5				14	5	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 13-15 years
Age: 75-79 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	94		86		95		92				94	99	97	86		19
18	89	94	82				88				90	94	93	82		18
17	85	90	78		86		84			88		90		79		17
16	81	85	74			78	80	77	83			86	85	75		16
15	77	81	70		77		75	73			78					15
14	72	76	66	65	72	70	71	69	74		74	77	77	68		14
13	68	72	62		68		67	65		73		73	73	64	59	13
12	64	67	58	58	63	62	63	62	65		67	69	69		55	12
11	59	63	54	54	58	58	59	58	60	65	63	65	65	56	52	11
10	55	58	50	51	54	54	55	54	56		59	60	61	53	48	10
9	51	54	46	47	49	50	51	50	51	57	55	56	57	49	45	9
8	47	49	42	44	45	46	46	47	47		51	52	53	45	41	8
7	42	45	38	40	40	42	42	43	42	49	47	48	49	41	38	7
6	38	40	34	37		38	38	39	38	45		44	45	38	34	6
5	34	36	29	34	31	34	34	35	33	41	39	39	41	34	31	5
4	30	31	25	30		30	30	31	29	37		35	37	30	27	4
3	25	27	21	27	22	26	26		24	33		31	32	27	24	3
2	21	22	17	23	17	22	22	24	20	29		27	28	23	20	2
1	17		13	20	13	18	18	20	15	25				19		1
0			16			14	13	16								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	100	100	100	100	100	99	100	100				85	86	19	
18	100	96	100	100	99	96	95	97	97				82	82	18	
17	96	92	100	100	95	92	91	92	93				78	79	17	
16	92	88	100	100	90	88	86	88	88				75	75	16	
15	87	84	98	98	86	84	82	84	84			73	71	72	15	
14	83	80	93	93	82	80	78	80	80	69			68	68	14	
13	79	76	88	88	78	76	74	76	75		65	66	64	65	13	
12	75	72	83	83	73	72	70	71	71	61			61	61	12	
11	71	68	78	78	69	68	66	67	66		57	60	57	58	11	
10	67	64	73	73	65	64	62	63	62	54	53	56	54	54	10	
9	62	60	68	68	61	60	58	59	58	50	49	53	50	51	9	
8	58	55	63	63	56	56	53	54	53	46	45	50	47	47	8	
7	54	51	58	58	52	52	49	50	49	42	41	46	43	44	7	
6	50	47	53	53	48	48	45	46	45	39	37	43	40	40	6	
5	46	43	47	48	44	44	41	42	40	35	34	40	36	37	5	
4	41	39	42	43	39	40	37	38	36	31	30	37	33	33	4	
3	37	35	37	39	35	36	33	33	31	27	26	33	29	29	3	
2	33	31	32	34	31	32	29	29	27	23	22	30	26	26	2	
1	29	27	27	29	27	28	25	25	23	20	18	27	22	22	1	
0	25	23	22	24	22	24		21							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 13-15 years
Age: 80-85 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	74		100	100	100	88	82	93	79						19
18	70	75	100	96	97	84	79	89	75	79				92	18
17	66	70	100	92	92	80	75	85			87				17
16	62	66	100	88	88	76	72	81	67		83				16
15	57	62	99	84	84	72	68	76	63	69	79	71	65	80	15
14	53	57	94	80	79	69	64	72	60	66	75		62		14
13	49	53	88	76	75	65	61	68	56	63	72	64		72	13
12	45	49	83	72	70	61	57	63	52		68	61	56	68	12
11	40	44	78	68	66	57	54	59	48	56	64	58		64	11
10	36	40	72	64	61	53	50	55	44	53	60	54	50	60	10
9	32	36	67	60	57	50	46	51		50	56	51	47	56	9
8	28	31	62	56	52	46	43	46	36	47	52	47	43	52	8
7	24	27	56	52	48	42	39	42	32		49	44	40	49	7
6	19	23	51	48	44	38	36	38	28	40	45	40	37	45	6
5	15	18	46	44	39	35	32	34	24	37	41	37	34	41	5
4	11	14	40	40	35	31	29	29	20		37	33	31	37	4
3	7	10	35	36	30	27	25	25	17	31	33	30	28	33	3
2	2	5	30	32	26	23	21	21	13		29	27	25	29	2
1	0	1	24	28	21	19	18	16		24	26	23	22	25	1
0		0	19	24				12		21	22	20	18		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	99		100		97		100		77								19
18	95	100	96	95			100		72								18
17	91	96	92	91	89		100		68	80				69	76		17
16	87	92	87	87	85	85	97		64	75		82		66	73	68	16
15	84	88	83	83	81	81	93		60	71				62	69		15
14	80	83	78	79	77	76	89		56	66		74		58	65	60	14
13	76	79	74	75	73	72	85		52	62	60	70		55	62	56	13
12	72	75	69	71	69	68	81		48	57			56	51	58	52	12
11	68	70	65	67	65	64	77	58	43	53	52	62		47	54	48	11
10	64	66	61	63	61	60	73		39	48	48	59		43	51	44	10
9	60	62	56	59	57	56	69	47	35	44	43	55	42	40	47	40	9
8	56	57	52	55	53	52	65		31	39	39	51		36	43	36	8
7	52	53	47	51	49	48	61	35	27	34	35	47	32	32	40	32	7
6	48	48	43	47	45	44	57		23	30	31	43		29	36	28	6
5	44	44	38	42	41	40	53	24	18	25	27	39	23	25	32	24	5
4	40	40	34	38	37	35	48		14	21	22	35		21	29	20	4
3	36	35	29		33	31	44	12	10	16	18	31	13	18	25		3
2	32	31	25		29	27	40	6	6	12	14	27	8	14			2
1	28	27	21		25	23	36	1	2	7	10	23	4				1
0		22				19	32	0		3	5				14	4	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 13-15 years
Age: 80-85 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	95		86		98		96				96	100	99	87		19
18	90	96	82				92				92	96	95	83		18
17	86	91	78		89		88			92		92		79		17
16	82	87	74			82	84	81	86			88	87	76		16
15	78	82	70		80		80	77			80					15
14	73	78	66	65	75	74	75	73	77		76	79	79	68		14
13	69	73	62		71		71	69		76		75	75	64	59	13
12	65	69	58	58	66	66	67	65	68		68	71	71		56	12
11	60	64	54	55	62	62	63	62	64	68	64	66	67	57	52	11
10	56	59	50	51	57	58	59	58	59		61	62	63	53	49	10
9	52	55	46	48	52	54	55	54	55	60	57	58	59	49	45	9
8	48	50	42	44	48	50	51	50	50		53	54	54	46	41	8
7	43	46	38	41	43	46	47	47	46	52	49	49	50	42	38	7
6	39	41	34	37		42	42	43	41	48		45	46	38	34	6
5	35	37	30	34	34	38	38	39	37	44	41	41	42	35	31	5
4	31	32	26	30		34	34	35	32	40		37	38	31	27	4
3	26	28	22	27	25	30	30		28	36		33	34	27	24	3
2	22	23	18	23	20	26	26	28	23	33		28	30	23	20	2
1	18		14	20	16	22	22	24	19	29				20		1
0			16			18	18	20								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	100	100	100	100	100	100	100	100				85	86	19	
18	100	97	100	100	100	100	99	100	100				82	83	18	
17	98	93	100	100	99	96	95	96	96				78	79	17	
16	94	89	100	100	94	92	91	92	92				75	75	16	
15	90	85	100	100	90	88	86	87	88			76	71	72	15	
14	86	81	96	96	86	84	82	83	83	71			68	68	14	
13	82	77	91	91	82	80	78	79	79		66	69	64	65	13	
12	78	73	86	86	77	76	74	75	74	64			61	61	12	
11	73	69	81	81	73	72	70	70	70		58	62	57	58	11	
10	69	65	76	76	69	68	66	66	66	56	54	59	54	54	10	
9	65	61	71	71	65	64	62	62	61	52	50	56	50	51	9	
8	61	57	65	66	60	60	58	58	57	49	46	53	47	47	8	
7	57	52	60	61	56	56	53	54	52	45	42	49	43	44	7	
6	52	48	55	56	52	52	49	49	48	41	39	46	40	40	6	
5	48	44	50	51	48	48	45	45	44	37	35	43	36	37	5	
4	44	40	45	46	43	44	41	41	39	34	31	39	33	33	4	
3	40	36	40	41	39	40	37	37	35	30	27	36	29	30	3	
2	36	32	35	36	35	36	33	32	31	26	23	33	26	26	2	
1	32	28	30	31	31	32	29	28	26	22	19	30	22	23	1	
0	27	24	25	26	26	28		24							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 16-17 years
Age: 20-34 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	78		84	78	77	75	73	75	75						19
18	74	81	78	74	73	71	70	71	71	71				73	18
17	70	76	73	70	68	68	66	67			74				17
16	65	72	68	66	64	64	63	63	63		70				16
15	61	68	62	62	59	60	59	58	59	61	67	62	57	61	15
14	57	63	57	58	55	56	55	54	55	58	63		54		14
13	53	59	51	54	51	52	52	50	51	55	59	55		53	13
12	48	55	46	50	46	49	48	46	47		55	52	47	49	12
11	44	50	41	46	42	45	45	41	43	49	51	48		45	11
10	40	46	35	42	37	41	41	37	39	45	47	45	41	41	10
9	36	42	30	38	33	37	37	33		42	44	42	38	37	9
8	32	37	25	34	28	33	34	28	32	39	40	38	35	33	8
7	27	33	19	30	24	30	30	24	28		36	35	32	29	7
6	23	29	14	26	19	26	27	20	24	32	32	31	29	25	6
5	19	24	9	22	15	22	23	16	20	29	28	28	26	22	5
4	15	20	3	18	11	18	19	11	16		24	24	22	18	4
3	10	16	0	14	6	14	16	7	12	23	21	21	19	14	3
2	6	11	0	10	2	11	12	3	8		17	17	16	10	2
1	2	7	0	6	0	7	9	0		16	13	14	13	6	1
0		3	0	2				0		13	9	11	10		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	76		80		82		80		78								19
18	73	71	76	76			76		74								18
17	69	67	71	72	74		72		70	74				70	68		17
16	65	63	67	68	70	68	68		66	69		67		66	65	64	16
15	61	58	63	64	66	64	64		62	65				63	61		15
14	57	54	58	60	62	60	60		58	60		60		59	57	56	14
13	53	50	54	55	58	56	56		54	56	56	56		55	54	52	13
12	49	45	49	51	54	52	52		49	51			53	52	50	48	12
11	45	41	45	47	50	48	48	53	45	47	48	48		48	46	44	11
10	41	37	40	43	46	44	44		41	42	44	44		44	43	40	10
9	37	32	36	39	42	40	40	42	37	37	39	40	39	41	39	36	9
8	33	28	32	35	38	36	35		33	33	35	36		37	35	32	8
7	29	23	27	31	34	32	31	30	29	28	31	32	29	33	32	28	7
6	25	19	23	27	30	27	27		24	24	27	28		30	28	24	6
5	21	15	18	23	26	23	23	19	20	19	23	24	19	26	24	20	5
4	17	10	14	19	22	19	19		16	15	18	20		22	21	16	4
3	13	6	9		18	15	15	7	12	10	14	16	10	19	17		3
2	9	2	5		14	11	11	1	8	6	10	12	5	15			2
1	5	0	0		10	7	7	0	4	1	6	8	0				1
0		0				3	3	0		0	1				6	0	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 16-17 years
Age: 20-34 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	81		81		81		72				76	80	78	79		19
18	77	81	76				68				72	76	74	76		18
17	73	76	72		72		64			71		71		72		17
16	69	71	68			59	60	59	65			67	66	68		16
15	64	67	64		63		56	55			61					15
14	60	62	60	63	58	51	52	51	56		57	59	58	61		14
13	56	58	56		53		48	47		55		55	54	57	58	13
12	51	53	52	56	49	43	43	44	47		49	50	50		54	12
11	47	49	48	53	44	39	39	40	43	47	45	46	46	50	50	11
10	43	44	44	49	40	35	35	36	38		41	42	42	46	47	10
9	39	40	40	46	35	31	31	32	34	39	38	38	38	42	43	9
8	34	35	36	42	30	27	27	29	29		34	33	34	38	40	8
7	30	31	32	39	26	23	23	25	25	31	30	29	30	35	36	7
6	26	26	28	35		19	19	21	20	27		25	26	31	33	6
5	22	22	24	32	17	15	15	17	16	23	22	21	22	27	29	5
4	17	17	20	28		11	10	13	11	19		16	17	24	26	4
3	13	13	16	25	8	7	6		7	15		12	13	20	22	3
2	9	8	12	22	3	3	2	6	2	11		8	9	16	19	2
1	4		8	18	0	0	0	2	0	7				12		1
0				15		0	0	0								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons														Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L	
19	92	89	100	100	78	77	81	80	79				83	83	19
18	88	85	99	98	74	73	77	76	74				79	80	18
17	84	81	94	93	70	69	73	72	70				76	76	17
16	80	77	89	88	65	65	69	68	66				72	72	16
15	75	72	84	83	61	61	65	63	61			59	69	69	15
14	71	68	79	78	57	57	61	59	57	57			65	65	14
13	67	64	74	73	53	53	57	55	52		55	53	62	62	13
12	63	60	69	68	48	49	52	51	48	50			58	58	12
11	59	56	64	63	44	45	48	46	44		47	46	55	55	11
10	55	52	59	58	40	41	44	42	39	42	43	43	51	51	10
9	50	48	54	53	36	37	40	38	35	38	39	40	48	48	9
8	46	44	49	48	31	33	36	34	31	34	35	36	44	44	8
7	42	40	43	43	27	29	32	30	26	31	31	33	41	41	7
6	38	36	38	38	23	25	28	25	22	27	27	30	37	37	6
5	34	32	33	34	18	21	24	21	17	23	23	27	34	34	5
4	29	28	28	29	14	17	19	17	13	19	19	23	30	30	4
3	25	24	23	24	10	13	15	13	9	16	15	20	27	27	3
2	21	19	18	19	6	9	11	8	4	12	11	17	23	23	2
1	17	15	13	14	1	5	7	4	0	8	7	13	20	20	1
0	13	11	8	9	0	1		0							0

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 16-17 years
Age: 35-39 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	76		87	81	80	77	75	78	75						19
18	72	75	82	77	75	73	71	74	71	72				74	18
17	68	70	76	73	71	69	67	70			76				17
16	64	66	71	69	66	65	64	65	63		72				16
15	60	62	66	65	62	62	60	61	59	62	68	64	58	62	15
14	55	57	60	61	57	58	57	57	55	59	65		55		14
13	51	53	55	57	53	54	53	53	51	56	61	57		54	13
12	47	49	50	53	48	50	49	48	47		57	53	49	50	12
11	43	44	44	49	44	47	46	44	43	50	53	50		46	11
10	38	40	39	45	39	43	42	40	39	46	49	46	42	42	10
9	34	36	34	41	35	39	39	36		43	45	43	39	38	9
8	30	31	28	37	31	35	35	31	32	40	42	40	36	34	8
7	26	27	23	33	26	31	31	27	28		38	36	33	30	7
6	21	23	17	29	22	28	28	23	24	33	34	33	30	26	6
5	17	18	12	25	17	24	24	18	20	30	30	29	27	22	5
4	13	14	7	21	13	20	21	14	16		26	26	24	19	4
3	9	10	1	17	8	16	17	10	12	24	22	22	21	15	3
2	5	5	0	13	4	12	14	6	8		19	19	17	11	2
1	0	1	0	9	0	9	10	1		17	15	15	14	7	1
0		0	0	5				0		14	11	12	11		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	80		84		84		82		77								19
18	76	76	79	77			78		73								18
17	72	72	75	73	76		74		69	74				70	69		17
16	68	67	70	69	72	71	70		65	69		65		66	65	64	16
15	64	63	66	65	68	67	66		61	65				62	62		15
14	60	59	61	61	64	63	62		56	60		58		59	58	56	14
13	56	54	57	57	60	59	58		52	56	57	54		55	54	52	13
12	52	50	53	53	56	55	53		48	51			53	51	51	48	12
11	48	45	48	48	52	50	49	54	44	47	48	46		48	47	44	11
10	44	41	44	44	48	46	45		40	42	44	42		44	43	40	10
9	40	37	39	40	44	42	41	42	36	37	40	38	39	40	40	36	9
8	36	32	35	36	40	38	37		31	33	36	34		37	36	32	8
7	32	28	30	32	36	34	33	31	27	28	31	30	29	33	32	28	7
6	28	24	26	28	32	30	29		23	24	27	26		29	29	24	6
5	24	19	21	24	28	26	25	19	19	19	23	22	20	26	25	20	5
4	20	15	17	20	24	22	21		15	15	19	18		22	21	16	4
3	16	11	13		20	18	17	8	11	10	15	14	10	18	18		3
2	12	6	8		16	13	13	2	7	6	10	10	5	15			2
1	8	2	4		12	9	8	0	2	1	6	6	0				1
0		0				5	4	0		0	2				7	0	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 16-17 years
Age: 35-39 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	83		81		82		74				80	83	81	80		19
18	79	83	77				69				76	79	77	77		18
17	75	78	73		73		65			72		75		73		17
16	70	74	69			60	61	60	66			70	69	69		16
15	66	69	65		63		57	56			64					15
14	62	65	61	63	59	52	53	52	57		60	62	61	62		14
13	58	60	57		54		49	49		56		58	57	58	58	13
12	53	56	53	57	50	44	45	45	48		52	53	53		54	12
11	49	51	49	53	45	40	41	41	44	48	48	49	49	51	51	11
10	45	46	45	50	41	36	36	37	39		45	45	45	47	47	10
9	41	42	41	46	36	32	32	33	35	40	41	41	41	43	44	9
8	36	37	37	43	31	28	28	30	30		37	36	37	39	40	8
7	32	33	33	39	27	24	24	26	26	32	33	32	33	36	37	7
6	28	28	29	36		20	20	22	21	28		28	29	32	33	6
5	23	24	25	32	18	17	16	18	17	24	25	24	25	28	30	5
4	19	19	21	29		13	12	15	12	20		20	21	25	26	4
3	15	15	17	25	8	9	8		8	16		15	17	21	22	3
2	11	10	13	22	4	5	3	7	3	12		11	13	17	19	2
1	6		8	18	0	1	0	3	0	8				13		1
0				15		0	0	0								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons														Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L	
19	93	89	100	100	81	80	82	83	81				83	83	19
18	89	85	99	98	77	76	78	78	77				79	80	18
17	85	81	93	93	72	72	74	74	73				76	76	17
16	80	77	88	88	68	68	70	70	68				72	73	16
15	76	73	83	83	64	64	66	66	64			60	69	69	15
14	72	69	78	78	60	60	62	61	59	58			65	66	14
13	68	65	73	73	55	56	58	57	55		57	54	62	62	13
12	64	61	68	68	51	52	54	53	51	50			58	59	12
11	60	57	63	63	47	48	50	49	46		49	47	55	55	11
10	55	53	58	58	43	44	45	45	42	43	45	44	51	52	10
9	51	49	53	53	38	40	41	40	38	39	41	41	48	48	9
8	47	44	48	48	34	36	37	36	33	35	37	37	44	44	8
7	43	40	42	43	30	32	33	32	29	31	33	34	41	41	7
6	39	36	37	38	26	28	29	28	24	28	29	31	37	37	6
5	34	32	32	33	21	24	25	23	20	24	25	27	34	34	5
4	30	28	27	28	17	20	21	19	16	20	21	24	30	30	4
3	26	24	22	23	13	16	17	15	11	16	17	21	27	27	3
2	22	20	17	18	9	12	12	11	7	13	13	18	23	23	2
1	18	16	12	13	4	8	8	7	2	9	9	14	20	20	1
0	14	12	7	8	0	4		2							0

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 16-17 years
Age: 40-44 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	76		89	83	81	78	75	80	75						19
18	72	73	84	79	76	74	72	75	71	73				74	18
17	68	69	79	75	72	70	68	71			77				17
16	64	65	73	71	68	66	64	67	63		73				16
15	60	61	68	67	63	63	61	63	59	63	69	64	59	63	15
14	55	56	63	63	59	59	57	58	55	60	66		55		14
13	51	52	57	59	54	55	54	54	51	56	62	57		55	13
12	47	48	52	55	50	51	50	50	47		58	54	49	51	12
11	43	43	46	51	45	47	46	45	43	50	54	51		47	11
10	38	39	41	47	41	44	43	41	39	47	50	47	43	43	10
9	34	35	36	43	36	40	39	37		44	46	44	40	39	9
8	30	30	30	39	32	36	36	33	32	40	42	40	37	35	8
7	26	26	25	35	28	32	32	28	28		39	37	34	31	7
6	21	22	20	31	23	28	29	24	24	34	35	33	30	27	6
5	17	17	14	27	19	25	25	20	20	31	31	30	27	23	5
4	13	13	9	23	14	21	21	16	16		27	26	24	19	4
3	9	9	4	19	10	17	18	11	12	24	23	23	21	15	3
2	5	4	0	15	5	13	14	7	8		19	20	18	11	2
1	0	0	0	11	1	9	11	3		18	16	16	15	8	1
0		0	0	7				0		14	12	13	12		0

Speed of information processing					Spatial skills				Verbal/Academic skills								Scaled score
Scaled score	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	80		85		84		83		77								19
18	76	78	81	78			79		73								18
17	72	74	76	74	76		75		69	74				69	69		17
16	68	69	72	70	72	72	71		65	69		65		66	66	63	16
15	64	65	68	66	68	68	67		61	65				62	62		15
14	60	61	63	61	64	64	63		56	60		57		58	58	55	14
13	56	56	59	57	60	60	59		52	56	57	53		55	55	52	13
12	52	52	54	53	56	56	55		48	51			53	51	51	48	12
11	48	48	50	49	52	52	51	54	44	47	48	45		47	47	44	11
10	44	43	45	45	48	48	46		40	42	44	41		44	44	40	10
9	40	39	41	41	44	43	42	43	36	37	40	37	39	40	40	36	9
8	36	35	36	37	40	39	38		31	33	36	33		36	36	32	8
7	32	30	32	33	36	35	34	31	27	28	32	29	29	33	33	28	7
6	28	26	28	29	32	31	30		23	24	27	25		29	29	24	6
5	24	22	23	25	28	27	26	20	19	19	23	21	20	25	25	20	5
4	20	17	19	21	24	23	22		15	15	19	17		22	22	16	4
3	16	13	14		20	19	18	8	11	10	15	13	10	18	18		3
2	12	9	10		16	15	14	3	7	6	11	9	5	14			2
1	8	4	5		12	11	10	0	2	1	6	6	0				1
0		0				6	6	0		0	2				7	0	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 16-17 years
Age: 40-44 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	84		82		82		75				80	85	83	81		19
18	80	84	78				70				76	80	79	77		18
17	76	79	74		73		66			73		76		74		17
16	71	75	70			61	62	61	67			72	71	70		16
15	67	70	65		64		58	57			65					15
14	63	66	61	64	60	53	54	53	58		61	63	63	62		14
13	59	61	57		55		50	49		57		59	59	59	58	13
12	54	57	53	57	50	45	46	46	49		53	55	55		54	12
11	50	52	49	53	46	41	41	42	45	49	49	51	51	51	51	11
10	46	48	45	50	41	37	37	38	40		45	46	47	47	47	10
9	41	43	41	46	37	33	33	34	36	41	41	42	43	44	44	9
8	37	38	37	43	32	29	29	31	31		37	38	39	40	40	8
7	33	34	33	39	28	25	25	27	27	33	34	34	34	36	37	7
6	29	29	29	36		21	21	23	22	29		30	30	32	33	6
5	24	25	25	32	18	17	17	19	18	25	26	25	26	29	30	5
4	20	20	21	29		13	13	15	13	21		21	22	25	26	4
3	16	16	17	25	9	9	8		9	17		17	18	21	23	3
2	12	11	13	22	5	5	4	8	4	13		13	14	18	19	2
1	7		9	19	0	2	0	4	0	9				14		1
0				15		0	0	0								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	94	91	100	100	83	82	83	84	83				83	83	19	
18	89	86	99	99	78	78	79	80	79				79	80	18	
17	85	82	94	94	74	74	75	76	74				76	76	17	
16	81	78	89	89	70	70	71	71	70				72	73	16	
15	77	74	84	84	66	66	67	67	65			61	69	69	15	
14	73	70	79	79	61	62	63	63	61	59			65	66	14	
13	69	66	74	74	57	58	59	59	57		58	54	62	62	13	
12	64	62	69	69	53	54	55	54	52	51			58	59	12	
11	60	58	64	64	49	50	50	50	48		50	48	55	55	11	
10	56	54	59	59	44	46	46	46	44	43	46	45	51	52	10	
9	52	50	54	54	40	42	42	42	39	40	42	41	48	48	9	
8	48	46	48	49	36	38	38	38	35	36	38	38	44	45	8	
7	43	42	43	44	32	34	34	33	30	32	34	35	41	41	7	
6	39	38	38	39	27	30	30	29	26	28	30	31	37	38	6	
5	35	33	33	34	23	26	26	25	22	24	26	28	34	34	5	
4	31	29	28	29	19	22	22	21	17	21	22	25	30	30	4	
3	27	25	23	24	15	18	17	17	13	17	18	22	27	27	3	
2	23	21	18	19	10	14	13	12	8	13	14	18	23	23	2	
1	18	17	13	14	6	10	9	8	4	9	10	15	20	20	1	
0	14	13	8	9	2	6		4							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 16-17 years
Age: 45-49 years
Race: Caucasian

	Summary scores			Executive functions					Attention/Working memory							
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	Scaled score	
19	75		92	85	82	79	76	81	75						19	
18	71	72	86	81	78	75	72	77	71	73				75	18	
17	66	68	81	77	74	71	69	73			78				17	
16	62	64	76	73	69	67	65	68	63		74				16	
15	58	59	70	69	65	63	61	64	59	63	70	65	59	63	15	
14	54	55	65	65	60	60	58	60	55	60	66		56		14	
13	49	51	60	61	56	56	54	55	51	57	63	58		56	13	
12	45	46	54	57	51	52	51	51	47		59	55	50	52	12	
11	41	42	49	53	47	48	47	47	43	51	55	51		48	11	
10	37	38	44	49	42	44	44	43	39	47	51	48	44	44	10	
9	33	34	38	45	38	41	40	38		44	47	44	40	40	9	
8	28	29	33	41	34	37	36	34	32	41	43	41	37	36	8	
7	24	25	28	37	29	33	33	30	28		40	38	34	32	7	
6	20	21	22	33	25	29	29	26	24	34	36	34	31	28	6	
5	16	16	17	29	20	25	26	21	20	31	32	31	28	24	5	
4	11	12	11	25	16	22	22	17	16		28	27	25	20	4	
3	7	8	6	21	11	18	18	13	12	25	24	24	22	16	3	
2	3	3	1	17	7	14	15	8	8		20	20	19	12	2	
1	0	0	0	13	2	10	11	4		18	17	17	15	8	1	
0		0	0	9				0		15	13	13	12		0	

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	83		87		86		85		76								19
18	79	80	83	79			81		72								18
17	75	76	78	75	78		77		68	74				69	70		17
16	71	72	74	71	74	73	73		63	69		65		65	66	63	16
15	67	67	69	67	70	69	68		59	65				62	62		15
14	63	63	65	62	66	65	64		55	60		57		58	59	55	14
13	59	59	60	58	62	61	60		51	56	57	53		54	55	51	13
12	55	54	56	54	58	57	56		47	51			53	51	51	47	12
11	51	50	51	50	54	53	52	55	43	47	49	46		47	48	43	11
10	47	46	47	46	50	49	48		38	42	44	42		43	44	39	10
9	43	41	43	42	46	45	44	43	34	37	40	38	39	40	40	36	9
8	39	37	38	38	42	41	40		30	33	36	34		36	37	32	8
7	35	33	34	34	38	36	36	32	26	28	32	30	29	32	33	28	7
6	31	28	29	30	34	32	32		22	24	28	26		29	29	24	6
5	27	24	25	26	30	28	28	20	18	19	23	22	20	25	26	20	5
4	23	20	20	22	26	24	23		13	15	19	18		21	22	16	4
3	19	15	16		22	20	19	9	9	10	15	14	10	18	18		3
2	15	11	11		18	16	15	3	5	6	11	10	5	14			2
1	11	7	7		14	12	11	0	1	1	7	6	1				1
0		2				8	7	0		0	2				7	0	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 16-17 years
Age: 45-49 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	85		82		83		76				82	86	85	81		19
18	81	85	78				72				78	82	81	78		18
17	77	80	74		74		67			74		78		74		17
16	72	76	70			62	63	62	68			73	73	70		16
15	68	71	66		65		59	58			66					15
14	64	67	62	64	60	54	55	54	59		62	65	64	63		14
13	60	62	58		56		51	50		58		61	60	59	58	13
12	55	58	54	57	51	46	47	47	50		55	57	56		54	12
11	51	53	50	53	47	42	43	43	46	50	51	52	52	52	51	11
10	47	49	46	50	42	38	39	39	41		47	48	48	48	47	10
9	42	44	42	46	38	34	34	35	37	42	43	44	44	44	44	9
8	38	40	38	43	33	30	30	32	32		39	40	40	40	40	8
7	34	35	34	40	28	26	26	28	28	34	35	35	36	37	37	7
6	30	30	29	36		22	22	24	23	30		31	32	33	33	6
5	25	26	25	33	19	18	18	20	19	26	27	27	28	29	30	5
4	21	21	21	29		15	14	16	14	22		23	24	26	26	4
3	17	17	17	26	10	11	10		10	18		18	20	22	23	3
2	12	12	13	22	5	7	6	9	5	14		14	16	18	19	2
1	8		9	19	1	3	1	5	1	10				14		1
0				15		0	0	1								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	94	92	100	100	85	83	85	86	85				83	84	19	
18	90	88	100	100	81	79	80	81	80				80	80	18	
17	86	84	96	95	76	75	76	77	76				76	76	17	
16	82	80	91	90	72	71	72	73	72				73	73	16	
15	78	76	86	85	68	67	68	69	67			62	69	69	15	
14	73	72	80	80	63	63	64	65	63	59			65	66	14	
13	69	67	75	75	59	59	60	60	58		58	55	62	62	13	
12	65	63	70	70	55	55	56	56	54	52			58	59	12	
11	61	59	65	65	51	51	52	52	50		51	49	55	55	11	
10	57	55	60	60	46	47	47	48	45	44	47	45	51	52	10	
9	53	51	55	55	42	43	43	43	41	40	43	42	48	48	9	
8	48	47	50	50	38	39	39	39	37	37	39	39	44	45	8	
7	44	43	45	45	34	35	35	35	32	33	35	36	41	41	7	
6	40	39	40	40	29	31	31	31	28	29	31	32	37	38	6	
5	36	35	35	35	25	27	27	27	23	25	27	29	34	34	5	
4	32	31	29	31	21	23	23	22	19	21	23	26	30	31	4	
3	27	27	24	26	17	19	19	18	15	18	19	22	27	27	3	
2	23	23	19	21	12	15	14	14	10	14	15	19	23	24	2	
1	19	19	14	16	8	11	10	10	6	10	11	16	20	20	1	
0	15	14	9	11	4	7		5							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 16-17 years
Age: 50-54 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	75		95	87	84	79	76	82	75						19
18	71	71	89	83	80	76	73	78	71	74				76	18
17	66	67	84	79	75	72	69	74			79				17
16	62	63	79	75	71	68	66	70	63		75				16
15	58	58	73	71	66	64	62	65	59	64	71	66	60	65	15
14	54	54	68	66	62	60	59	61	55	61	67		57		14
13	49	50	62	62	58	57	55	57	51	57	63	59		57	13
12	45	45	57	58	53	53	51	53	47		60	55	50	53	12
11	41	41	52	54	49	49	48	48	43	51	56	52		49	11
10	37	37	46	50	44	45	44	44	39	48	52	49	44	45	10
9	33	32	41	46	40	41	41	40		45	48	45	41	41	9
8	28	28	36	42	35	38	37	35	32	41	44	42	38	37	8
7	24	24	30	38	31	34	33	31	28		40	38	35	33	7
6	20	19	25	34	26	30	30	27	24	35	37	35	32	29	6
5	16	15	20	30	22	26	26	23	20	32	33	31	29	25	5
4	11	11	14	26	17	22	23	18	16		29	28	25	21	4
3	7	6	9	22	13	19	19	14	12	25	25	24	22	17	3
2	3	2	3	18	9	15	15	10	8		21	21	19	14	2
1	0	0	0	14	4	11	12	6		19	17	18	16	10	1
0		0	0	10				1		15	14	14	13		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	83		89		86		87		76								19
18	79	83	84	80			83		72								18
17	75	78	80	76	78		79		68	74				69	70		17
16	71	74	75	72	74	75	74		63	69		66		65	66	63	16
15	67	70	71	68	70	70	70		59	65				61	63		15
14	63	65	66	64	66	66	66		55	60		59		58	59	55	14
13	59	61	62	60	62	62	62		51	56	57	55		54	55	51	13
12	55	57	58	56	58	58	58		47	51			53	50	52	47	12
11	51	52	53	52	54	54	54	55	43	47	49	47		47	48	43	11
10	47	48	49	48	50	50	50		38	42	45	43		43	44	39	10
9	43	44	44	43	46	46	46	43	34	37	40	39	39	39	41	35	9
8	39	39	40	39	42	42	42		30	33	36	35		36	37	31	8
7	35	35	35	35	38	38	38	32	26	28	32	31	29	32	33	27	7
6	31	31	31	31	34	34	34		22	24	28	27		28	30	23	6
5	27	26	26	27	30	29	29	20	18	19	24	23	20	25	26	19	5
4	23	22	22	23	26	25	25		13	15	19	19		21	22	16	4
3	19	18	18		22	21	21	9	9	10	15	15	10	17	19		3
2	15	13	13		18	17	17	3	5	6	11	11	5	14			2
1	11	9	9		14	13	13	0	1	1	7	7	1				1
0		5				9	9	0	0	0	3				8	0	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 16-17 years
Age: 50-54 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	86		82		84		77				83	88	86	82		19
18	82	86	78				73				80	84	82	78		18
17	78	81	74		75		69			75		79		75		17
16	73	77	70			63	65	63	69			75	74	71		16
15	69	72	66		66		61	59			68					15
14	65	68	62	64	62	55	57	56	60		64	67	66	63		14
13	60	63	58		57		52	52		59		62	62	60	58	13
12	56	59	54	57	52	48	48	48	51		56	58	58		55	12
11	52	54	50	54	48	44	44	44	47	51	52	54	54	52	51	11
10	48	50	46	50	43	40	40	40	42		48	50	50	48	47	10
9	43	45	42	47	39	36	36	37	38	43	45	45	46	45	44	9
8	39	41	38	43	34	32	32	33	34		41	41	42	41	40	8
7	35	36	34	40	29	28	28	29	29	35	37	37	38	37	37	7
6	31	32	30	36		24	24	25	25	31		33	34	33	33	6
5	26	27	26	33	20	20	19	22	20	27	29	28	30	30	30	5
4	22	23	22	29		16	15	18	16	23		24	26	26	26	4
3	18	18	18	26	11	12	11		11	19		20	22	22	23	3
2	13	13	14	22	7	8	7	10	7	15		16	17	19	19	2
1	9		10	19	2	4	3	7	2	11				15		1
0				15		0	0	3								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	95	93	100	100	87	86	86	87	87				83	84	19	
18	91	89	100	100	83	82	82	83	82				80	80	18	
17	87	85	97	97	79	78	78	79	78				76	77	17	
16	83	81	92	92	74	74	74	75	74				73	73	16	
15	79	77	87	87	70	70	69	71	69			63	69	70	15	
14	74	73	82	82	66	66	65	66	65	60			66	66	14	
13	70	69	77	77	61	62	61	62	61		59	56	62	62	13	
12	66	65	72	72	57	58	57	58	56	53			59	59	12	
11	62	61	67	67	53	54	53	54	52		52	50	55	55	11	
10	58	57	62	62	49	50	49	50	47	45	48	46	52	52	10	
9	53	53	57	57	44	46	45	45	43	41	44	43	48	48	9	
8	49	48	52	52	40	42	41	41	39	37	40	40	45	45	8	
7	45	44	46	47	36	38	37	37	34	34	36	37	41	41	7	
6	41	40	41	42	32	34	32	33	30	30	32	33	37	38	6	
5	37	36	36	37	27	30	28	28	25	26	28	30	34	34	5	
4	33	32	31	32	23	26	24	24	21	22	24	27	30	31	4	
3	28	28	26	27	19	22	20	20	17	19	20	23	27	27	3	
2	24	24	21	22	15	18	16	16	12	15	16	20	23	24	2	
1	20	20	16	17	10	14	12	12	8	11	12	17	20	20	1	
0	16	16	11	13	6	10		7							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 16-17 years
Age: 55-59 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	73		98	88	86	80	77	84	77						19
18	69	74	92	84	82	76	74	80	74	74				78	18
17	65	70	87	80	77	73	70	75			80				17
16	61	65	82	76	73	69	66	71	66		76				16
15	56	61	76	72	68	65	63	67	62	64	72	67	60	66	15
14	52	57	71	68	64	61	59	63	58	61	68		57		14
13	48	52	65	64	59	57	56	58	54	58	64	60		58	13
12	44	48	60	60	55	54	52	54	50		61	56	51	54	12
11	39	44	55	56	51	50	48	50	46	51	57	53		50	11
10	35	39	49	52	46	46	45	45	42	48	53	49	45	46	10
9	31	35	44	48	42	42	41	41		45	49	46	42	42	9
8	27	31	39	44	37	38	38	37	34	42	45	42	38	39	8
7	22	27	33	40	33	35	34	33	31		41	39	35	35	7
6	18	22	28	36	28	31	30	28	27	35	38	36	32	31	6
5	14	18	23	32	24	27	27	24	23	32	34	32	29	27	5
4	10	14	17	28	19	23	23	20	19		30	29	26	23	4
3	6	9	12	24	15	19	20	16	15	26	26	25	23	19	3
2	1	5	7	20	10	16	16	11	11		22	22	20	15	2
1	0	1	1	16	6	12	12	7		19	18	18	17	11	1
0		0	0	12				3		16	14	15	14		0

Speed of information processing					Spatial skills				Verbal/Academic skills								Scaled score
Scaled score	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	90		90		90		89		75								19
18	86	88	86	82			85		70								18
17	82	84	81	78	82		81		66	74				68	70		17
16	78	80	77	73	78	80	77		62	69		68		65	67	63	16
15	74	75	72	69	74	75	73		58	65				61	63		15
14	70	71	68	65	70	71	69		54	60		60		57	59	55	14
13	66	67	64	61	66	67	64		50	56	58	56		54	56	51	13
12	62	62	59	57	62	63	60		45	51			53	50	52	47	12
11	58	58	55	53	58	59	56	55	41	47	49	48		46	48	43	11
10	54	54	50	49	54	55	52		37	42	45	44		43	45	39	10
9	50	49	46	45	50	51	48	44	33	37	41	40	39	39	41	35	9
8	46	45	41	41	46	47	44		29	33	36	36		35	37	31	8
7	42	41	37	37	43	43	40	32	25	28	32	32	29	32	34	27	7
6	38	36	33	33	39	39	36		20	24	28	29		28	30	23	6
5	34	32	28	29	35	34	32	21	16	19	24	25	20	24	26	19	5
4	30	27	24	25	31	30	28		12	15	20	21		21	23	15	4
3	26	23	19		27	26	24	9	8	10	15	17	10	17	19		3
2	22	19	15		23	22	19	4	4	6	11	13	5	13			2
1	18	14	10		19	18	15	0	0	1	7	9	1				1
0		10				14	11	0		0	3				8	0	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 16-17 years
Age: 55-59 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	87		83		86		79				85	89	88	82		19
18	83	87	79				75				81	85	84	79		18
17	78	82	75		77		71			77		81		75		17
16	74	78	71			65	67	65	71			77	76	71		16
15	70	73	67		67		62	61			69					15
14	66	69	63	64	63	57	58	57	62		66	68	68	64		14
13	61	64	59		58		54	53		61		64	64	60	58	13
12	57	60	54	57	54	49	50	50	53		58	60	60		55	12
11	53	55	50	54	49	45	46	46	49	53	54	55	56	53	51	11
10	49	51	46	50	45	41	42	42	44		50	51	51	49	48	10
9	44	46	42	47	40	37	38	38	40	45	46	47	47	45	44	9
8	40	42	38	43	35	33	34	35	35		42	43	43	41	41	8
7	36	37	34	40	31	29	29	31	31	37	38	38	39	38	37	7
6	31	33	30	36		25	25	27	26	33		34	35	34	33	6
5	27	28	26	33	22	22	21	23	22	29	31	30	31	30	30	5
4	23	24	22	29		18	17	19	17	25		26	27	27	26	4
3	19	19	18	26	12	14	13		13	21		21	23	23	23	3
2	14	15	14	22	8	10	9	12	8	17		17	19	19	19	2
1	10		10	19	3	6	5	8	4	13				15		1
0				16		2	1	4								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	96	95	100	100	89	88	88	90	89				83	84	19	
18	92	91	100	100	85	84	84	85	85				80	80	18	
17	88	87	99	99	81	80	79	81	80				76	77	17	
16	84	82	94	94	77	76	75	77	76				73	73	16	
15	80	78	89	89	72	72	71	73	71			64	69	70	15	
14	76	74	84	84	68	68	67	68	67	61			66	66	14	
13	71	70	79	79	64	64	63	64	63		60	57	62	63	13	
12	67	66	74	74	60	60	59	60	58	54			59	59	12	
11	63	62	69	69	55	56	55	56	54		53	51	55	56	11	
10	59	58	64	64	51	52	51	52	50	46	49	48	52	52	10	
9	55	54	59	59	47	48	46	47	45	42	45	44	48	48	9	
8	50	50	54	54	43	44	42	43	41	38	41	41	45	45	8	
7	46	46	48	49	38	40	38	39	36	35	37	38	41	41	7	
6	42	42	43	44	34	36	34	35	32	31	33	34	38	38	6	
5	38	38	38	39	30	32	30	30	28	27	29	31	34	34	5	
4	34	34	33	34	26	28	26	26	23	23	25	28	31	31	4	
3	30	29	28	29	21	24	22	22	19	20	21	25	27	27	3	
2	25	25	23	25	17	20	18	18	14	16	17	21	24	24	2	
1	21	21	18	20	13	16	14	14	10	12	13	18	20	20	1	
0	17	17	13	15	9	12		9							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 16-17 years
Age: 60-64 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	73		100	91	89	81	78	85	77						19
18	69	73	97	87	85	77	74	81	74	75				79	18
17	65	69	91	83	80	73	71	77			81				17
16	61	64	86	79	76	70	67	72	66		77				16
15	56	60	81	75	71	66	63	68	62	65	73	67	61	68	15
14	52	56	75	71	67	62	60	64	58	62	69		58		14
13	48	51	70	67	63	58	56	60	54	58	65	60		60	13
12	44	47	64	63	58	54	53	55	50		61	57	52	56	12
11	39	43	59	59	54	51	49	51	46	52	58	53		52	11
10	35	38	54	55	49	47	45	47	42	49	54	50	45	48	10
9	31	34	48	51	45	43	42	43		46	50	47	42	44	9
8	27	30	43	47	40	39	38	38	34	42	46	43	39	40	8
7	22	25	38	43	36	35	35	34	31		42	40	36	36	7
6	18	21	32	39	31	32	31	30	27	36	38	36	33	32	6
5	14	17	27	35	27	28	27	25	23	33	35	33	30	28	5
4	10	12	22	31	22	24	24	21	19		31	29	27	24	4
3	6	8	16	27	18	20	20	17	15	26	27	26	23	21	3
2	1	4	11	23	14	17	17	13	11		23	22	20	17	2
1	0	0	5	19	9	13	13	8		20	19	19	17	13	1
0		0	0	15				4		16	15	16	14		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	90		93		90		92		75								19
18	86	91	88	83			88		70								18
17	82	86	84	79	82		84		66	74				68	71		17
16	78	82	80	75	78	81	79		62	69		70		64	67	63	16
15	74	78	75	71	74	77	75		58	65				60	63		15
14	70	73	71	67	70	73	71		54	60		62		57	60	55	14
13	66	69	66	63	66	68	67		50	56	58	58		53	56	51	13
12	62	65	62	59	62	64	63		45	51			53	49	52	47	12
11	58	60	57	55	58	60	59	56	41	47	49	50		46	49	43	11
10	54	56	53	51	54	56	55		37	42	45	46		42	45	39	10
9	50	52	48	47	50	52	51	44	33	37	41	42	39	38	41	35	9
8	46	47	44	43	46	48	47		29	33	37	38		35	38	31	8
7	42	43	40	39	43	44	43	33	25	28	32	34	29	31	34	27	7
6	38	38	35	35	39	40	39		20	24	28	30		27	30	23	6
5	34	34	31	31	35	36	34	21	16	19	24	26	20	24	27	19	5
4	30	30	26	27	31	32	30		12	15	20	22		20	23	15	4
3	26	25	22		27	27	26	10	8	10	16	18	10	16	19		3
2	22	21	17		23	23	22	4	4	6	11	15	5	13			2
1	18	17	13		19	19	18	0	0	1	7	11	1				1
0		12				15	14	0		0	3				9	0	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 16-17 years
Age: 60-64 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	88		83		87		81				88	91	89	83		19
18	84	88	79				77				84	87	85	79		18
17	79	83	75		78		73			79		82		76		17
16	75	79	71			67	69	67	73			78	77	72		16
15	71	74	67		69		65	63			72					15
14	67	70	63	64	64	59	60	59	64		68	70	69	64		14
13	62	65	59		60		56	55		63		65	65	61	58	13
12	58	61	55	57	55	51	52	52	55		60	61	61		55	12
11	54	56	51	54	51	47	48	48	50	55	57	57	57	53	51	11
10	50	52	47	50	46	43	44	44	46		53	53	53	49	48	10
9	45	47	43	47	42	39	40	40	41	47	49	48	49	46	44	9
8	41	43	39	43	37	35	36	37	37		45	44	45	42	41	8
7	37	38	35	40	32	31	32	33	32	39	41	40	41	38	37	7
6	32	34	31	36		27	27	29	28	35		36	37	34	34	6
5	28	29	27	33	23	23	23	25	23	31	33	32	33	31	30	5
4	24	25	23	30		20	19	21	19	27		27	29	27	26	4
3	20	20	18	26	14	16	15		15	23		23	25	23	23	3
2	15	16	14	23	9	12	11	14	10	19		19	21	20	19	2
1	11		10	19	5	8	7	10	6	15				16		1
0				16		4	3	6								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	98	96	100	100	92	90	90	92	91				83	84	19	
18	94	92	100	100	88	86	86	88	87				80	80	18	
17	89	88	100	100	84	82	82	83	83				76	77	17	
16	85	84	96	96	79	78	77	79	78				73	73	16	
15	81	80	91	91	75	74	73	75	74			66	69	70	15	
14	77	76	86	86	71	70	69	71	70	62			66	66	14	
13	73	72	81	81	67	66	65	66	65		61	59	62	63	13	
12	69	67	76	76	62	62	61	62	61	55			59	59	12	
11	64	63	71	71	58	58	57	58	56		53	52	55	56	11	
10	60	59	66	67	54	54	53	54	52	47	50	49	52	52	10	
9	56	55	61	62	50	50	49	50	48	44	46	46	48	49	9	
8	52	51	56	57	45	46	44	45	43	40	42	43	45	45	8	
7	48	47	51	52	41	42	40	41	39	36	38	39	41	42	7	
6	43	43	46	47	37	38	36	37	34	32	34	36	38	38	6	
5	39	39	40	42	33	34	32	33	30	28	30	33	34	34	5	
4	35	35	35	37	28	30	28	28	26	25	26	29	31	31	4	
3	31	31	30	32	24	26	24	24	21	21	22	26	27	27	3	
2	27	27	25	27	20	22	20	20	17	17	18	23	24	24	2	
1	23	23	20	22	16	18	16	16	13	13	14	20	20	20	1	
0	18	19	15	17	11	14		12							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 16-17 years
Age: 65-69 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	72		100	93	91	82	78	87	77						19
18	67	72	100	89	87	78	75	82	74	75				81	18
17	63	68	95	85	83	74	71	78			81				17
16	59	63	89	81	78	70	68	74	66		78				16
15	55	59	84	77	74	67	64	70	62	65	74	68	61	70	15
14	50	55	79	73	69	63	60	65	58	62	70		58		14
13	46	50	73	69	65	59	57	61	54	59	66	61		62	13
12	42	46	68	65	60	55	53	57	50		62	58	52	58	12
11	38	42	63	61	56	51	50	53	46	52	58	54		54	11
10	33	37	57	57	51	48	46	48	42	49	55	51	46	50	10
9	29	33	52	53	47	44	42	44		46	51	47	43	46	9
8	25	29	47	49	43	40	39	40	34	43	47	44	40	42	8
7	21	24	41	45	38	36	35	35	31		43	40	37	38	7
6	17	20	36	40	34	33	32	31	27	36	39	37	33	34	6
5	12	16	30	36	29	29	28	27	23	33	35	34	30	30	5
4	8	11	25	32	25	25	25	23	19		32	30	27	26	4
3	4	7	20	28	20	21	21	18	15	27	28	27	24	22	3
2	0	3	14	24	16	17	17	14	11		24	23	21	19	2
1	0	0	9	20	11	14	14	10		20	20	20	18	15	1
0		0	4	16				6		17	16	16	15		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	93		95		92		95		73								19
18	89	93	90	86			91		69								18
17	85	89	86	82	84		87		65	74				67	71		17
16	81	84	81	77	80	82	83		61	69		72		63	67	63	16
15	77	80	77	73	76	78	79		57	65				60	64		15
14	73	76	72	69	72	74	74		52	60		64		56	60	55	14
13	69	71	68	65	68	70	70		48	56	58	60		52	56	51	13
12	65	67	63	61	64	66	66		44	51			53	49	53	47	12
11	61	62	59	57	60	61	62	56	40	47	50	52		45	49	43	11
10	57	58	55	53	56	57	58		36	42	45	48		41	45	39	10
9	53	54	50	49	52	53	54	45	32	37	41	44	39	38	42	35	9
8	49	49	46	45	48	49	50		27	33	37	40		34	38	31	8
7	45	45	41	41	44	45	46	33	23	28	33	36	30	30	34	27	7
6	41	41	37	37	40	41	42		19	24	28	32		27	31	23	6
5	37	36	32	33	36	37	38	22	15	19	24	28	20	23	27	19	5
4	33	32	28	29	32	33	34		11	15	20	24		19	23	15	4
3	29	28	23		29	29	30	10	7	10	16	20	10	16	20		3
2	25	23	19		25	25	25	4	3	6	12	17	6	12			2
1	22	19	15		21	20	21	0	0	1	7	13	1				1
0		15				16	17	0		0	3				9	0	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 16-17 years
Age: 65-69 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	89		84		89		84				89	92	91	83		19
18	85	89	79				79				85	88	87	80		18
17	80	85	75		80		75			81		84		76		17
16	76	80	71			69	71	69	75			80	79	72		16
15	72	75	67		71		67	65			74					15
14	68	71	63	64	66	61	63	61	66		70	71	71	65		14
13	63	66	59		62		59	58		65		67	67	61	58	13
12	59	62	55	57	57	54	55	54	57		62	63	63		55	12
11	55	57	51	54	53	50	51	50	53	57	58	58	59	54	51	11
10	50	53	47	51	48	46	46	46	48		54	54	55	50	48	10
9	46	48	43	47	43	42	42	43	44	49	50	50	51	46	44	9
8	42	44	39	44	39	38	38	39	39		47	46	47	42	41	8
7	38	39	35	40	34	34	34	35	35	41	43	42	43	39	37	7
6	33	35	31	37		30	30	31	30	37		37	38	35	34	6
5	29	30	27	33	25	26	26	27	26	33	35	33	34	31	30	5
4	25	26	23	30		22	22	24	21	29		29	30	28	27	4
3	21	21	19	26	16	18	18		17	25		25	26	24	23	3
2	16	17	15	23	11	14	13	16	12	21		20	22	20	20	2
1	12		11	19	7	10	9	12	8	17				16		1
0				16		6	5	9								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	99	97	100	100	95	93	92	94	94				83	84	19	
18	95	93	100	100	91	89	88	90	90				80	81	18	
17	91	89	100	100	87	85	84	86	85				76	77	17	
16	87	85	99	99	82	81	80	81	81				73	73	16	
15	83	81	94	94	78	77	76	77	77			67	69	70	15	
14	78	77	89	89	74	73	72	73	72	64			66	66	14	
13	74	73	83	84	70	69	67	69	68		62	61	62	63	13	
12	70	69	78	79	65	65	63	65	63	56			59	59	12	
11	66	65	73	74	61	61	59	60	59		54	54	55	56	11	
10	62	61	68	69	57	57	55	56	55	49	51	51	52	52	10	
9	58	56	63	64	53	53	51	52	50	45	47	48	48	49	9	
8	53	52	58	59	48	49	47	48	46	41	43	44	45	45	8	
7	49	48	53	54	44	45	43	43	41	38	39	41	41	42	7	
6	45	44	48	49	40	41	39	39	37	34	35	38	38	38	6	
5	41	40	43	44	36	37	34	35	33	30	31	34	34	35	5	
4	37	36	38	39	31	33	30	31	28	26	27	31	31	31	4	
3	32	32	32	34	27	29	26	27	24	22	23	28	27	28	3	
2	28	28	27	29	23	25	22	22	20	19	19	25	24	24	2	
1	24	24	22	24	19	21	18	18	15	15	15	21	20	21	1	
0	20	20	17	19	14	17		14							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 16-17 years
Age: 70-74 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	70		100	94	94	83	79	88	77						19
18	66	71	100	90	89	79	75	84	74	76				84	18
17	61	66	99	86	85	75	72	80			82				17
16	57	62	93	82	81	71	68	75	66		79				16
15	53	58	88	78	76	67	65	71	62	66	75	69	62	72	15
14	49	53	83	74	72	64	61	67	58	63	71		59		14
13	45	49	77	70	67	60	57	62	54	59	67	62		64	13
12	40	45	72	66	63	56	54	58	50		63	58	53	60	12
11	36	41	67	62	58	52	50	54	46	53	59	55		56	11
10	32	36	61	58	54	49	47	50	42	50	56	51	46	52	10
9	28	32	56	54	49	45	43	45		47	52	48	43	48	9
8	23	28	50	50	45	41	40	41	34	43	48	45	40	44	8
7	19	23	45	46	41	37	36	37	31		44	41	37	40	7
6	15	19	40	42	36	33	32	33	27	37	40	38	34	37	6
5	11	15	34	38	32	30	29	28	23	34	36	34	31	33	5
4	6	10	29	34	27	26	25	24	19		33	31	28	29	4
3	2	6	24	30	23	22	22	20	15	27	29	27	25	25	3
2	0	2	18	26	18	18	18	16	11		25	24	22	21	2
1	0	0	13	22	14	14	14	11		21	21	20	18	17	1
0		0	8	18				7		17	17	17	15		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	96		96		94		99		72								19
18	92	95	92	88			95		68								18
17	88	91	87	84	86		91		64	74				66	71		17
16	84	87	83	80	82	83	86		59	69		74		63	68	63	16
15	80	82	78	76	78	79	82		55	65				59	64		15
14	76	78	74	72	74	75	78		51	60		66		55	60	55	14
13	72	73	70	68	70	71	74		47	56	58	62		52	57	51	13
12	68	69	65	64	66	67	70		43	51			54	48	53	47	12
11	64	65	61	60	62	63	66	56	39	47	50	54		44	49	43	11
10	60	60	56	56	58	59	62		34	42	46	50		41	46	39	10
9	56	56	52	52	54	54	58	45	30	37	41	46	39	37	42	35	9
8	52	52	47	48	50	50	54		26	33	37	42		33	38	31	8
7	48	47	43	43	46	46	50	33	22	28	33	38	30	30	35	27	7
6	44	43	38	39	42	42	46		18	24	29	35		26	31	23	6
5	41	39	34	35	38	38	41	22	14	19	24	31	20	22	27	19	5
4	37	34	30	31	34	34	37		10	15	20	27		19	24	15	4
3	33	30	25		30	30	33	10	5	10	16	23	10	15	20		3
2	29	26	21		26	26	29	5	1	6	12	19	6	11			2
1	25	21	16		22	22	25	0	0	1	8	15	1				1
0		17				18	21	0		0	3				9	0	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 16-17 years
Age: 70-74 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	90		84		91		86				91	94	93	84		19
18	86	90	80				82				87	90	89	80		18
17	81	86	76		82		78			83		85		77		17
16	77	81	72			72	74	72	78			81	81	73		16
15	73	77	68		73		70	68			75					15
14	68	72	64	65	68	64	66	64	69		71	73	72	65		14
13	64	67	60		64		62	60		67		69	68	62	58	13
12	60	63	56	58	59	56	58	57	60		64	64	64		55	12
11	56	58	52	54	55	52	53	53	55	60	60	60	60	54	51	11
10	51	54	48	51	50	48	49	49	51		56	56	56	50	48	10
9	47	49	43	47	46	44	45	45	46	52	52	52	52	47	44	9
8	43	45	39	44	41	40	41	41	42		48	47	48	43	41	8
7	39	40	35	40	36	36	37	38	37	44	44	43	44	39	37	7
6	34	36	31	37		32	33	34	33	40		39	40	35	34	6
5	30	31	27	33	27	29	29	30	28	36	36	35	36	32	30	5
4	26	27	23	30		25	25	26	24	32		30	32	28	27	4
3	21	22	19	26	18	21	20		19	28		26	28	24	23	3
2	17	18	15	23	14	17	16	19	15	24		22	24	21	20	2
1	13		11	19	9	13	12	15	10	20				17		1
0				16		9	8	11								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	98	100	100	98	96	95	97	97				83	84	19	
18	97	94	100	100	94	92	91	92	92				80	81	18	
17	93	90	100	100	90	88	87	88	88				76	77	17	
16	89	86	100	100	86	84	83	84	84				73	74	16	
15	85	82	96	96	81	80	78	80	79			69	69	70	15	
14	80	78	91	91	77	76	74	76	75	66			66	67	14	
13	76	74	86	86	73	72	70	71	71		63	63	62	63	13	
12	72	70	81	81	68	68	66	67	66	58			59	59	12	
11	68	66	76	76	64	64	62	63	62		55	56	55	56	11	
10	64	62	71	71	60	60	58	59	57	51	51	53	52	52	10	
9	59	58	65	66	56	56	54	54	53	47	48	50	48	49	9	
8	55	54	60	61	51	52	50	50	49	43	44	46	45	45	8	
7	51	49	55	56	47	48	46	46	44	39	40	43	41	42	7	
6	47	45	50	51	43	44	41	42	40	35	36	40	38	38	6	
5	43	41	45	46	39	40	37	38	36	32	32	36	34	35	5	
4	39	37	40	41	34	36	33	33	31	28	28	33	31	31	4	
3	34	33	35	37	30	32	29	29	27	24	24	30	27	28	3	
2	30	29	30	32	26	28	25	25	22	20	20	27	24	24	2	
1	26	25	25	27	22	24	21	21	18	17	16	23	20	21	1	
0	22	21	20	22	17	20		17							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 16-17 years
Age: 75-79 years
Race: Caucasian

	Summary scores			Executive functions					Attention/Working memory							
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	Scaled score	
19	68		100	96	97	84	80	90	77						19	
18	64	70	100	92	92	80	76	85	74	76				86	18	
17	60	65	100	88	88	76	72	81			83				17	
16	56	61	97	84	83	72	69	77	66		79				16	
15	51	57	92	80	79	68	65	72	62	66	76	69	63	75	15	
14	47	52	87	76	74	65	62	68	58	63	72		59		14	
13	43	48	81	72	70	61	58	64	54	60	68	63		67	13	
12	39	44	76	68	65	57	55	60	50		64	59	53	63	12	
11	34	39	71	64	61	53	51	55	46	53	60	56		59	11	
10	30	35	65	60	56	49	47	51	42	50	56	52	47	55	10	
9	26	31	60	56	52	46	44	47		47	53	49	44	51	9	
8	22	26	55	52	48	42	40	43	34	44	49	45	41	47	8	
7	18	22	49	48	43	38	37	38	31		45	42	38	43	7	
6	13	18	44	44	39	34	33	34	27	37	41	38	35	39	6	
5	9	13	39	40	34	30	29	30	23	34	37	35	31	35	5	
4	5	9	33	36	30	27	26	25	19		33	32	28	31	4	
3	1	5	28	32	25	23	22	21	15	28	30	28	25	27	3	
2	0	1	22	28	21	19	19	17	11		26	25	22	23	2	
1	0	0	17	24	16	15	15	13		21	22	21	19	20	1	
0		0	12	20				8		18	18	18	16		0	

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	99		98		96		100		71								19
18	95	98	93	91			99		66								18
17	91	93	89	87	88		95		62	74				65	72		17
16	87	89	85	83	84	84	91		58	69		76		62	68	63	16
15	83	84	80	79	80	80	87		54	65				58	64		15
14	79	80	76	75	76	76	83		50	60		68		54	61	55	14
13	75	76	71	71	72	72	78		46	56	58	64		51	57	51	13
12	71	71	67	67	68	68	74		41	51			54	47	53	47	12
11	67	67	62	63	64	64	70	57	37	47	50	57		43	50	43	11
10	63	63	58	59	60	60	66		33	42	46	53		40	46	39	10
9	60	58	53	55	56	56	62	45	29	37	42	49	39	36	42	35	9
8	56	54	49	50	51	52	58		25	33	37	45		32	39	31	8
7	52	50	45	46	47	47	54	34	21	28	33	41	30	29	35	27	7
6	48	45	40	42	43	43	50		17	24	29	37		25	31	23	6
5	44	41	36	38	39	39	46	22	12	19	25	33	20	21	28	19	5
4	40	37	31	34	35	35	42		8	15	20	29		18	24	15	4
3	36	32	27		31	31	38	11	4	10	16	25	10	14	21		3
2	32	28	22		27	27	33	5	0	6	12	21	6	10			2
1	28	24	18		23	23	29	0	0	1	8	17	1				1
0		19				19	25	0	0	0	4				10	0	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 16-17 years
Age: 75-79 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	91		84		94		90				92	96	94	84		19
18	87	91	80				86				89	91	90	81		18
17	82	87	76		85		82			86		87		77		17
16	78	82	72			75	77	75	80			83	82	73		16
15	74	78	68		76		73	71			77					15
14	69	73	64	65	71	67	69	67	71		73	74	74	66		14
13	65	69	60		66		65	63		70		70	70	62	59	13
12	61	64	56	58	62	59	61	60	63		65	66	66		55	12
11	57	59	52	54	57	55	57	56	58	62	61	62	62	55	52	11
10	52	55	48	51	53	51	53	52	54		58	57	58	51	48	10
9	48	50	44	47	48	47	49	48	49	55	54	53	54	47	44	9
8	44	46	40	44	43	43	44	45	45		50	49	50	43	41	8
7	40	41	36	40	39	40	40	41	40	47	46	45	46	40	37	7
6	35	37	32	37		36	36	37	36	43		40	42	36	34	6
5	31	32	28	33	30	32	32	33	31	39	38	36	38	32	30	5
4	27	28	24	30		28	28	29	27	35		32	34	29	27	4
3	22	23	20	27	21	24	24		22	31		28	30	25	23	3
2	18	19	16	23	16	20	20	22	18	27		23	26	21	20	2
1	14		12	20	11	16	16	18	13	23				17		1
0			16			12	11	14								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	99	100	100	100	99	98	99	100				83	84	19	
18	99	95	100	100	97	95	94	95	96				80	81	18	
17	95	91	100	100	93	91	90	91	91				76	77	17	
16	91	87	100	100	89	87	86	87	87				73	74	16	
15	87	83	98	99	85	83	82	83	82			72	69	70	15	
14	82	79	93	94	80	79	78	78	78	68			66	67	14	
13	78	75	88	89	76	75	73	74	74		64	65	62	63	13	
12	74	71	83	84	72	71	69	70	69	60			59	60	12	
11	70	67	78	79	68	67	65	66	65		56	59	55	56	11	
10	66	63	73	74	63	63	61	61	60	53	52	55	52	53	10	
9	62	59	68	69	59	59	57	57	56	49	48	52	48	49	9	
8	57	55	63	64	55	55	53	53	52	45	45	49	45	45	8	
7	53	51	58	59	51	51	49	49	47	41	41	45	41	42	7	
6	49	46	53	54	46	47	45	45	43	38	37	42	38	38	6	
5	45	42	47	49	42	43	41	40	39	34	33	39	34	35	5	
4	41	38	42	44	38	39	36	36	34	30	29	35	31	31	4	
3	36	34	37	39	34	35	32	32	30	26	25	32	27	28	3	
2	32	30	32	34	29	31	28	28	25	22	21	29	24	24	2	
1	28	26	27	29	25	27	24	23	21	19	17	26	20	21	1	
0	24	22	22	24	21	23		19							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 16-17 years
Age: 80-85 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	68		100	98	100	84	80	91	77						19
18	64	68	100	94	95	81	77	87	74	77				90	18
17	60	64	100	90	91	77	73	83			84				17
16	56	60	100	86	86	73	70	78	66		80				16
15	51	56	97	82	82	69	66	74	62	67	77	70	63	78	15
14	47	51	92	78	77	65	62	70	58	64	73		60		14
13	43	47	86	74	73	62	59	65	54	60	69	63		70	13
12	39	43	81	70	68	58	55	61	50		65	60	54	66	12
11	34	38	76	66	64	54	52	57	46	54	61	56		62	11
10	30	34	70	62	60	50	48	53	42	51	57	53	48	58	10
9	26	30	65	58	55	46	44	48		48	54	50	45	54	9
8	22	25	59	54	51	43	41	44	34	44	50	46	41	50	8
7	18	21	54	50	46	39	37	40	31		46	43	38	46	7
6	13	17	49	46	42	35	34	36	27	38	42	39	35	42	6
5	9	12	43	42	37	31	30	31	23	35	38	36	32	39	5
4	5	8	38	38	33	28	26	27	19		34	32	29	35	4
3	1	4	33	34	28	24	23	23	15	28	31	29	26	31	3
2	0	0	27	30	24	20	19	18	11		27	25	23	27	2
1	0	0	22	26	20	16	16	14		22	23	22	20	23	1
0		0	17	22				10		18	19	19	17		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	99		100		96		100		71								19
18	95	100	95	95			100		66								18
17	91	96	91	91	88		100		62	74				64	72		17
16	87	91	86	87	84	86	96		58	69		79		61	68	63	16
15	83	87	82	83	80	82	92		54	65				57	65		15
14	79	83	77	78	76	78	88		50	60		71		53	61	55	14
13	75	78	73	74	72	73	84		46	56	59	67		50	58	51	13
12	71	74	69	70	68	69	80		41	51			54	46	54	47	12
11	67	70	64	66	64	65	76	57	37	47	50	59		42	50	43	11
10	63	65	60	62	60	61	72		33	42	46	55		39	47	39	10
9	60	61	55	58	56	57	67	46	29	37	42	51	39	35	43	35	9
8	56	57	51	54	52	53	63		25	33	38	48		31	39	31	8
7	52	52	46	50	48	49	59	34	21	28	33	44	30	28	36	27	7
6	48	48	42	46	44	45	55		17	24	29	40		24	32	23	6
5	44	44	37	42	40	41	51	23	12	19	25	36	20	20	28	19	5
4	40	39	33	38	36	37	47		8	15	21	32		17	25	15	4
3	36	35	29		32	32	43	11	4	10	16	28	11	13	21		3
2	32	31	24		28	28	39	5	0	6	12	24	6	9			2
1	28	26	20		24	24	35	0	0	1	8	20	1				1
0		22				20	31	0	0	0	4			10	0		0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 16-17 years
Age: 80-85 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	92		85		97		94				94	97	96	85		19
18	88	92	81				90				90	93	92	81		18
17	83	88	77		88		86			90		89		78		17
16	79	83	73			79	82	79	84			84	84	74		16
15	75	79	69		79		78	75			79					15
14	70	74	65	65	74	71	73	71	75		75	76	76	66		14
13	66	70	60		70		69	67		74		72	72	63	59	13
12	62	65	56	58	65	63	65	63	66		67	68	68		55	12
11	58	61	52	54	60	59	61	60	62	66	63	63	64	55	52	11
10	53	56	48	51	56	55	57	56	57		59	59	60	51	48	10
9	49	52	44	48	51	51	53	52	53	58	55	55	56	48	45	9
8	45	47	40	44	47	47	49	48	48		52	51	52	44	41	8
7	41	43	36	41	42	43	44	45	44	50	48	46	48	40	38	7
6	36	38	32	37		39	40	41	39	46		42	44	37	34	6
5	32	34	28	34	33	36	36	37	35	42	40	38	39	33	30	5
4	28	29	24	30		32	32	33	30	38		34	35	29	27	4
3	23	24	20	27	24	28	28		26	34		29	31	25	23	3
2	19	20	16	23	19	24	24	26	21	30		25	27	22	20	2
1	15		12	20	15	20	20	22	17	26				18		1
0			16			16	16	18								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	100	100	100	100	100	100	100	100				83	84	19	
18	100	97	100	100	100	99	98	98	99				80	81	18	
17	98	92	100	100	97	95	94	94	95				76	77	17	
16	93	88	100	100	93	91	90	90	90				73	74	16	
15	89	84	100	100	89	87	86	86	86			75	69	70	15	
14	85	80	96	96	84	83	82	82	82	70			66	67	14	
13	81	76	91	91	80	79	78	77	77		65	68	62	63	13	
12	77	72	86	86	76	75	73	73	73	63			59	60	12	
11	73	68	81	81	72	71	69	69	68		57	61	55	56	11	
10	68	64	76	77	67	67	65	65	64	55	53	58	52	53	10	
9	64	60	70	72	63	63	61	61	60	51	50	55	48	49	9	
8	60	56	65	67	59	59	57	56	55	48	46	52	45	46	8	
7	56	52	60	62	55	55	53	52	51	44	42	48	41	42	7	
6	52	48	55	57	50	51	49	48	46	40	38	45	38	39	6	
5	48	44	50	52	46	47	45	44	42	36	34	42	34	35	5	
4	43	39	45	47	42	43	40	39	38	32	30	38	31	31	4	
3	39	35	40	42	38	39	36	35	33	29	26	35	27	28	3	
2	35	31	35	37	33	35	32	31	29	25	22	32	24	24	2	
1	31	27	30	32	29	31	28	27	25	21	18	29	20	21	1	
0	27	23	25	27	25	27		23							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 18-20 years
Age: 20-34 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	78		81	75	75	72	71	73	75						19
18	74	74	76	71	71	68	68	69	71	69				70	18
17	70	70	70	67	66	64	64	65			72				17
16	65	66	65	63	62	61	61	60	63		68				16
15	61	62	60	59	57	57	57	56	59	59	64	62	58	59	15
14	57	57	54	55	53	53	53	52	55	56	60		55		14
13	53	53	49	51	48	49	50	48	51	53	56	55		51	13
12	48	49	44	47	44	45	46	43	47		52	51	48	47	12
11	44	44	38	43	39	42	43	39	43	46	49	48		43	11
10	40	40	33	39	35	38	39	35	39	43	45	44	42	39	10
9	36	36	27	35	31	34	35	30		40	41	41	39	35	9
8	32	31	22	31	26	30	32	26	32	36	37	37	36	31	8
7	27	27	17	27	22	26	28	22	28		33	34	33	27	7
6	23	23	11	23	17	23	25	18	24	30	29	31	30	23	6
5	19	18	6	19	13	19	21	13	20	27	26	27	27	19	5
4	15	14	1	15	8	15	17	9	16		22	24	24	15	4
3	10	10	0	11	4	11	14	5	12	20	18	20	20	12	3
2	6	5	0	7	0	7	10	1	8		14	17	17	8	2
1	2	1	0	3	0	4	7	0		14	10	13	14	4	1
0		0	0	0				0		11	6	10	11		0

Speed of information processing					Spatial skills				Verbal/Academic skills								Scaled score
Scaled score	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	76		79		82		79		78								19
18	73	67	75	75			75		74								18
17	69	63	70	71	74		71		70	68				65	64		17
16	65	59	66	67	70	66	67		66	63		64		61	61	58	16
15	61	54	61	63	66	62	63		62	59				58	57		15
14	57	50	57	59	62	58	59		58	54		56		54	53	50	14
13	53	46	52	55	58	53	55		54	50	55	53		50	50	46	13
12	49	41	48	51	54	49	50		49	45			50	47	46	42	12
11	45	37	43	47	50	45	46	53	45	41	47	45		43	42	38	11
10	41	33	39	43	46	41	42		41	36	43	41		39	39	34	10
9	37	28	35	39	42	37	38	41	37	31	38	37	36	36	35	30	9
8	33	24	30	35	38	33	34		33	27	34	33		32	31	26	8
7	29	20	26	31	34	29	30	30	29	22	30	29	26	28	28	22	7
6	25	15	21	27	30	25	26		24	18	26	25		25	24	18	6
5	21	11	17	22	26	21	22	18	20	13	22	21	17	21	20	14	5
4	17	7	12	18	22	17	18		16	9	17	17		17	17	11	4
3	13	2	8		18	12	14	7	12	4	13	13	7	14	13		3
2	9	0	4		14	8	10	1	8	0	9	9	2	10			2
1	5	0	0		10	4	5	0	4	0	5	5	0				1
0		0				0	1	0		0	0				2	0	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 18-20 years
Age: 20-34 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	79		79		80		70				75	77	75	78		19
18	74	77	75				66				71	73	71	74		18
17	70	73	71		71		62			69		68		70		17
16	66	68	67			56	58	57	63			64	63	67		16
15	61	64	63		61		54	53			59					15
14	57	59	59	63	57	49	50	49	54		56	56	55	59		14
13	53	55	54		52		46	45		53		51	51	55	57	13
12	49	50	50	56	48	41	41	42	45		48	47	47		54	12
11	44	46	46	53	43	37	37	38	41	45	44	43	43	48	50	11
10	40	41	42	49	38	33	33	34	36		40	39	39	44	47	10
9	36	36	38	46	34	29	29	30	32	37	36	34	35	40	43	9
8	32	32	34	42	29	25	25	26	27		32	30	31	37	39	8
7	27	27	30	39	25	21	21	23	23	29	28	26	27	33	36	7
6	23	23	26	35		17	17	19	18	25		22	23	29	32	6
5	19	18	22	32	16	13	12	15	14	21	21	18	19	26	29	5
4	14	14	18	28		9	8	11	9	17		13	15	22	25	4
3	10	9	14	25	6	5	4		5	13		9	11	18	22	3
2	6	5	10	21	2	1	0	4	0	9		5	6	14	18	2
1	2		6	18	0	0	0	0	0	5				11		1
0				15		0	0	0								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	92	88	100	100	77	76	81	79	77				81	81	19	
18	88	84	99	99	72	72	77	74	73				77	78	18	
17	83	80	94	94	68	68	72	70	68				74	74	17	
16	79	76	89	89	64	64	68	66	64				70	71	16	
15	75	72	84	84	60	60	64	62	60			58	67	67	15	
14	71	68	79	79	55	56	60	58	55	56			63	64	14	
13	67	64	74	74	51	52	56	53	51		54	52	60	60	13	
12	62	60	69	69	47	48	52	49	46	49			56	57	12	
11	58	56	64	64	43	44	48	45	42		46	45	53	53	11	
10	54	52	59	59	38	40	44	41	38	41	42	42	49	50	10	
9	50	47	54	54	34	36	39	37	33	37	38	39	46	46	9	
8	46	43	48	49	30	32	35	32	29	33	34	35	42	43	8	
7	42	39	43	44	26	28	31	28	25	30	30	32	39	39	7	
6	37	35	38	39	21	24	27	24	20	26	26	29	35	35	6	
5	33	31	33	34	17	20	23	20	16	22	22	26	32	32	5	
4	29	27	28	29	13	16	19	15	11	18	18	22	28	28	4	
3	25	23	23	24	8	12	15	11	7	15	14	19	25	25	3	
2	21	19	18	19	4	8	11	7	3	11	10	16	21	21	2	
1	16	15	13	14	0	4	6	3	0	7	7	12	18	18	1	
0	12	11	8	9	0	0		0							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 18-20 years
Age: 35-39 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	76		85	78	77	74	73	76	75						19
18	72	72	79	74	73	70	69	72	71	70				71	18
17	68	68	74	70	68	66	65	67			73				17
16	64	64	69	66	64	62	62	63	63		70				16
15	60	59	63	62	60	58	58	59	59	60	66	63	59	60	15
14	55	55	58	58	55	55	55	55	55	57	62		56		14
13	51	51	52	54	51	51	51	50	51	54	58	56		52	13
12	47	46	47	50	46	47	47	46	47		54	53	50	48	12
11	43	42	42	46	42	43	44	42	43	47	50	49		44	11
10	38	38	36	42	37	40	40	38	39	44	47	46	43	40	10
9	34	33	31	38	33	36	37	33		41	43	42	40	36	9
8	30	29	26	34	28	32	33	29	32	37	39	39	37	32	8
7	26	25	20	30	24	28	29	25	28		35	35	34	28	7
6	21	20	15	26	19	24	26	20	24	31	31	32	31	24	6
5	17	16	10	22	15	21	22	16	20	28	27	29	28	20	5
4	13	12	4	18	11	17	19	12	16		24	25	25	16	4
3	9	7	0	14	6	13	15	8	12	21	20	22	22	12	3
2	5	3	0	10	2	9	11	3	8		16	18	18	9	2
1	0	0	0	6	0	5	8	0		15	12	15	15	5	1
0		0	0	2				0		12	8	11	12		0

Speed of information processing					Spatial skills				Verbal/Academic skills								Scaled score
Scaled score	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	80		82		84		81		77								19
18	76	72	78	76			77		73								18
17	72	68	73	72	76		73		69	68				65	65		17
16	68	63	69	68	72	68	68		65	63		62		61	61	58	16
15	64	59	65	64	68	64	64		61	59				57	58		15
14	60	55	60	60	64	60	60		56	54		54		54	54	50	14
13	56	50	56	56	60	56	56		52	50	56	51		50	50	46	13
12	52	46	51	52	56	52	52		48	45			50	46	47	42	12
11	48	42	47	48	52	48	48	53	44	41	47	43		43	43	38	11
10	44	37	42	44	48	44	44		40	36	43	39		39	39	34	10
9	40	33	38	40	44	39	40	42	36	31	39	35	36	35	36	30	9
8	36	29	33	36	40	35	36		31	27	35	31		32	32	26	8
7	32	24	29	32	36	31	32	30	27	22	30	27	26	28	28	22	7
6	28	20	25	28	32	27	28		23	18	26	23		24	25	18	6
5	24	16	20	24	28	23	23	19	19	13	22	19	17	21	21	14	5
4	20	11	16	20	24	19	19		15	9	18	15		17	17	10	4
3	16	7	11		20	15	15	7	11	4	14	11	7	13	14		3
2	12	3	7		16	11	11	1	7	0	9	7	2	10			2
1	8	0	2		12	7	7	0	2	0	5	3	0				1
0		0				3	3	0		0	1				3	0	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 18-20 years
Age: 35-39 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	80		79		81		72				78	80	79	79		19
18	76	79	75				67				74	76	74	75		18
17	72	75	71		71		63			70		71		71		17
16	68	70	67			58	59	58	64			67	66	68		16
15	63	66	63		62		55	54			63					15
14	59	61	59	63	58	50	51	50	55		59	59	58	60		14
13	55	57	55		53		47	47		54		55	54	56	57	13
12	51	52	51	57	49	42	43	43	46		51	50	50		54	12
11	46	48	47	53	44	38	38	39	42	46	47	46	46	49	50	11
10	42	43	43	50	39	34	34	35	37		43	42	42	45	47	10
9	38	39	39	46	35	30	30	31	33	38	39	38	38	41	43	9
8	33	34	35	43	30	26	26	28	28		36	33	34	38	40	8
7	29	30	31	39	26	22	22	24	24	30	32	29	30	34	36	7
6	25	25	27	36		18	18	20	19	26		25	26	30	33	6
5	21	21	23	32	16	14	14	16	15	22	24	21	22	26	29	5
4	16	16	19	29		10	10	13	10	18		16	18	23	26	4
3	12	11	15	25	7	6	5		6	14		12	14	19	22	3
2	8	7	11	22	3	2	1	5	1	10		8	10	15	19	2
1	4		7	18	0	0	0	1	0	6				12		1
0				15		0	0	0								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons														Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L	
19	93	89	100	100	79	79	82	81	80				81	82	19
18	88	85	99	98	75	75	78	77	75				78	78	18
17	84	81	93	93	71	71	74	73	71				74	75	17
16	80	77	88	88	67	67	70	68	67				71	71	16
15	76	72	83	83	62	63	65	64	62			59	67	68	15
14	72	68	78	78	58	59	61	60	58	57			63	64	14
13	67	64	73	73	54	55	57	56	53		56	53	60	60	13
12	63	60	68	68	50	51	53	52	49	49			56	57	12
11	59	56	63	63	45	47	49	47	45		48	46	53	53	11
10	55	52	58	58	41	43	45	43	40	42	44	43	49	50	10
9	51	48	53	53	37	39	41	39	36	38	40	40	46	46	9
8	47	44	48	48	33	35	37	35	32	34	36	36	42	43	8
7	42	40	42	43	28	31	32	30	27	30	32	33	39	39	7
6	38	36	37	38	24	27	28	26	23	27	28	30	35	36	6
5	34	32	32	33	20	23	24	22	18	23	24	26	32	32	5
4	30	28	27	28	16	19	20	18	14	19	20	23	28	29	4
3	26	24	22	23	11	15	16	14	10	15	16	20	25	25	3
2	21	19	17	18	7	11	12	9	5	11	12	17	21	22	2
1	17	15	12	14	3	7	8	5	1	8	8	13	18	18	1
0	13	11	7	9	0	3		1							0

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 18-20 years
Age: 40-44 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	76		87	80	79	74	73	77	75						19
18	72	71	81	76	74	71	70	73	71	70				72	18
17	68	67	76	72	70	67	66	69			74				17
16	64	63	71	68	65	63	62	65	63		70				16
15	60	58	65	64	61	59	59	60	59	60	67	64	60	60	15
14	55	54	60	60	56	56	55	56	55	57	63		56		14
13	51	50	55	56	52	52	52	52	51	54	59	57		52	13
12	47	45	49	52	48	48	48	48	47		55	53	50	49	12
11	43	41	44	48	43	44	44	43	43	48	51	50		45	11
10	38	37	39	44	39	40	41	39	39	44	47	46	44	41	10
9	34	32	33	40	34	37	37	35		41	44	43	41	37	9
8	30	28	28	36	30	33	34	30	32	38	40	40	38	33	8
7	26	24	23	32	25	29	30	26	28		36	36	35	29	7
6	21	19	17	28	21	25	26	22	24	31	32	33	31	25	6
5	17	15	12	24	16	21	23	18	20	28	28	29	28	21	5
4	13	11	6	20	12	18	19	13	16		24	26	25	17	4
3	9	6	1	16	8	14	16	9	12	22	21	22	22	13	3
2	5	2	0	12	3	10	12	5	8		17	19	19	9	2
1	0	0	0	8	0	6	9	1		15	13	15	16	5	1
0		0	0	4				0		12	9	12	13		0

Speed of information processing					Spatial skills				Verbal/Academic skills								Scaled score
Scaled score	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	80		84		84		82		77								19
18	76	74	80	77			78		73								18
17	72	70	75	73	76		74		69	68				65	65		17
16	68	66	71	69	72	69	70		65	63		61		61	62	58	16
15	64	61	66	65	68	65	66		61	59				57	58		15
14	60	57	62	61	64	61	61		56	54		54		54	54	50	14
13	56	53	57	57	60	57	57		52	50	56	50		50	51	46	13
12	52	48	53	53	56	53	53		48	45			50	46	47	42	12
11	48	44	48	49	52	49	49	54	44	41	47	42		43	43	38	11
10	44	40	44	45	48	45	45		40	36	43	38		39	40	34	10
9	40	35	40	41	44	41	41	42	36	31	39	34	36	35	36	30	9
8	36	31	35	37	40	37	37		31	27	35	30		31	32	26	8
7	32	27	31	33	36	33	33	31	27	22	31	26	26	28	29	22	7
6	28	22	26	28	32	28	29		23	18	26	22		24	25	18	6
5	24	18	22	24	28	24	25	19	19	13	22	18	17	20	21	14	5
4	20	14	17	20	24	20	21		15	9	18	14		17	18	10	4
3	16	9	13		20	16	16	8	11	4	14	10	7	13	14		3
2	12	5	8		16	12	12	2	7	0	10	6	3	9			2
1	8	1	4		12	8	8	0	2	0	5	2	0				1
0		0				4	4	0		0	1				3	0	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 18-20 years
Age: 40-44 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	81		80		81		72				79	82	80	79		19
18	77	80	76				68				75	77	76	75		18
17	73	76	72		72		64			71		73		72		17
16	69	71	68			58	60	59	65			69	68	68		16
15	64	67	64		63		56	55			63					15
14	60	62	60	64	58	51	52	51	56		59	60	60	61		14
13	56	58	56		54		48	47		55		56	56	57	57	13
12	51	53	52	57	49	43	44	44	47		52	52	52		54	12
11	47	49	48	53	45	39	39	40	43	47	48	48	48	49	50	11
10	43	44	43	50	40	35	35	36	38		44	43	44	46	47	10
9	39	40	39	46	35	31	31	32	34	39	40	39	40	42	43	9
8	34	35	35	43	31	27	27	28	29		36	35	36	38	40	8
7	30	31	31	39	26	23	23	25	25	31	32	31	32	34	36	7
6	26	26	27	36		19	19	21	20	27		26	28	31	33	6
5	22	22	23	32	17	15	15	17	16	23	25	22	23	27	29	5
4	17	17	19	29		11	11	13	11	19		18	19	23	26	4
3	13	13	15	25	8	7	6		7	15		14	15	20	22	3
2	9	8	11	22	3	3	2	6	2	11		9	11	16	19	2
1	4		7	18	0	0	0	2	0	7				12		1
0				15		0	0	0								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	93	90	100	100	81	81	83	83	81				81	82	19	
18	89	86	99	99	77	77	79	78	77				78	78	18	
17	85	82	94	94	73	73	75	74	73				74	75	17	
16	81	78	89	89	68	69	70	70	68				71	71	16	
15	76	74	84	84	64	65	66	66	64			60	67	68	15	
14	72	70	79	79	60	61	62	61	59	57			64	64	14	
13	68	66	74	74	56	57	58	57	55		57	53	60	61	13	
12	64	61	69	69	51	53	54	53	51	50			57	57	12	
11	60	57	64	64	47	49	50	49	46		49	47	53	54	11	
10	55	53	59	59	43	45	46	45	42	42	45	43	50	50	10	
9	51	49	54	54	39	41	42	40	38	39	41	40	46	46	9	
8	47	45	48	49	34	37	37	36	33	35	37	37	42	43	8	
7	43	41	43	44	30	33	33	32	29	31	33	34	39	39	7	
6	39	37	38	39	26	29	29	28	24	27	29	30	35	36	6	
5	35	33	33	34	22	25	25	23	20	23	25	27	32	32	5	
4	30	29	28	29	17	21	21	19	16	20	21	24	28	29	4	
3	26	25	23	24	13	17	17	15	11	16	17	20	25	25	3	
2	22	21	18	20	9	13	13	11	7	12	13	17	21	22	2	
1	18	17	13	15	5	9	9	7	2	8	9	14	18	18	1	
0	14	13	8	10	0	5		2							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 18-20 years
Age: 45-49 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	75		89	82	80	75	74	79	75						19
18	71	70	84	78	76	72	70	75	71	71				73	18
17	66	66	79	74	71	68	67	70			75				17
16	62	61	73	70	67	64	63	66	63		71				16
15	58	57	68	66	63	60	59	62	59	61	67	64	60	61	15
14	54	53	63	62	58	56	56	57	55	58	64		57		14
13	49	48	57	58	54	53	52	53	51	54	60	58		53	13
12	45	44	52	54	49	49	49	49	47		56	54	51	50	12
11	41	40	46	50	45	45	45	45	43	48	52	51		46	11
10	37	36	41	46	40	41	41	40	39	45	48	47	45	42	10
9	33	31	36	42	36	37	38	36		42	44	44	41	38	9
8	28	27	30	38	31	34	34	32	32	38	41	40	38	34	8
7	24	23	25	34	27	30	31	28	28		37	37	35	30	7
6	20	18	20	30	22	26	27	23	24	32	33	33	32	26	6
5	16	14	14	26	18	22	24	19	20	29	29	30	29	22	5
4	11	10	9	22	14	18	20	15	16		25	27	26	18	4
3	7	5	4	18	9	15	16	10	12	22	21	23	23	14	3
2	3	1	0	14	5	11	13	6	8		18	20	20	10	2
1	0	0	0	10	0	7	9	2		16	14	16	17	6	1
0		0	0	6				0		12	10	13	13		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	83		86		86		83		76								19
18	79	77	81	78			79		72								18
17	75	72	77	74	78		75		68	68				64	66		17
16	71	68	72	70	74	71	71		63	63		62		61	62	58	16
15	67	64	68	66	70	67	67		59	59				57	58		15
14	63	59	63	62	66	62	63		55	54		54		53	55	50	14
13	59	55	59	58	62	58	59		51	50	56	50		50	51	46	13
12	55	51	55	54	58	54	55		47	45			50	46	47	42	12
11	51	46	50	50	54	50	51	54	43	41	48	43		42	44	38	11
10	47	42	46	46	50	46	47		38	36	43	39		39	40	34	10
9	43	38	41	42	46	42	43	42	34	31	39	35	36	35	36	30	9
8	39	33	37	38	42	38	38		30	27	35	31		31	33	26	8
7	35	29	32	34	38	34	34	31	26	22	31	27	27	28	29	22	7
6	31	25	28	29	34	30	30		22	18	27	23		24	25	18	6
5	27	20	23	25	30	26	26	19	18	13	22	19	17	20	22	14	5
4	23	16	19	21	26	21	22		13	9	18	15		16	18	10	4
3	19	12	15		22	17	18	8	9	4	14	11	7	13	14		3
2	15	7	10		18	13	14	2	5	0	10	7	3	9			2
1	11	3	6		14	9	10	0	1	0	6	3	0				1
0		0				5	6	0		0	1				3	0	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 18-20 years
Age: 45-49 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	82		80		82		74				80	83	82	80		19
18	78	81	76				70				77	79	78	76		18
17	74	77	72		73		65			72		75		72		17
16	70	72	68			60	61	60	66			70	70	69		16
15	65	68	64		64		57	56			65					15
14	61	63	60	64	59	52	53	52	57		61	62	62	61		14
13	57	59	56		55		49	48		56		58	57	57	58	13
12	52	54	52	57	50	44	45	45	48		53	53	53		54	12
11	48	50	48	53	46	40	41	41	44	48	49	49	49	50	50	11
10	44	45	44	50	41	36	36	37	39		46	45	45	46	47	10
9	40	41	40	46	36	32	32	33	35	40	42	41	41	42	43	9
8	35	36	36	43	32	28	28	30	30		38	36	37	39	40	8
7	31	32	32	39	27	24	24	26	26	32	34	32	33	35	36	7
6	27	27	28	36		20	20	22	21	28		28	29	31	33	6
5	22	23	24	33	18	16	16	18	17	24	26	24	25	27	29	5
4	18	18	20	29		12	12	14	12	20		19	21	24	26	4
3	14	14	16	26	9	8	8		8	16		15	17	20	22	3
2	10	9	12	22	4	4	3	7	3	12		11	13	16	19	2
1	5		7	19	0	0	0	3	0	8				13		1
0				15		0	0	0								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	94	91	100	100	83	82	84	84	83				81	82	19	
18	90	87	100	100	79	78	80	80	79				78	78	18	
17	85	83	96	96	75	74	76	76	74				74	75	17	
16	81	79	91	91	71	70	72	72	70				71	71	16	
15	77	75	86	86	66	66	67	67	66			61	67	68	15	
14	73	71	80	81	62	62	63	63	61	58			64	64	14	
13	69	67	75	76	58	58	59	59	57		58	54	60	61	13	
12	65	63	70	71	54	54	55	55	53	51			57	57	12	
11	60	59	65	66	49	50	51	50	48		50	48	53	54	11	
10	56	55	60	61	45	46	47	46	44	43	46	44	50	50	10	
9	52	51	55	56	41	42	43	42	39	39	42	41	46	47	9	
8	48	47	50	51	36	38	39	38	35	35	38	38	43	43	8	
7	44	42	45	46	32	34	34	34	31	32	34	34	39	40	7	
6	40	38	40	41	28	30	30	29	26	28	30	31	36	36	6	
5	35	34	35	36	24	26	26	25	22	24	26	28	32	32	5	
4	31	30	29	31	19	22	22	21	17	20	22	25	29	29	4	
3	27	26	24	26	15	18	18	17	13	17	18	21	25	25	3	
2	23	22	19	21	11	14	14	12	9	13	14	18	22	22	2	
1	19	18	14	16	7	10	10	8	4	9	10	15	18	18	1	
0	14	14	9	11	2	6		4							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 18-20 years
Age: 50-54 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	75		92	84	82	76	74	80	75						19
18	71	69	87	80	78	72	71	76	71	71				74	18
17	66	65	81	76	73	69	67	72			76				17
16	62	60	76	72	69	65	64	67	63		72				16
15	58	56	71	68	64	61	60	63	59	61	68	65	61	62	15
14	54	52	65	64	60	57	56	59	55	58	65		58		14
13	49	47	60	60	55	53	53	55	51	55	61	58		55	13
12	45	43	55	56	51	50	49	50	47		57	55	51	51	12
11	41	39	49	51	46	46	46	46	43	49	53	51		47	11
10	37	34	44	47	42	42	42	42	39	45	49	48	45	43	10
9	33	30	38	43	38	38	39	38		42	45	44	42	39	9
8	28	26	33	39	33	34	35	33	32	39	42	41	39	35	8
7	24	21	28	35	29	31	31	29	28		38	38	36	31	7
6	20	17	22	31	24	27	28	25	24	32	34	34	33	27	6
5	16	13	17	27	20	23	24	20	20	29	30	31	30	23	5
4	11	9	12	23	15	19	21	16	16		26	27	26	19	4
3	7	4	6	19	11	15	17	12	12	23	22	24	23	15	3
2	3	0	1	15	6	12	13	8	8		19	20	20	11	2
1	0	0	0	11	2	8	10	3		16	15	17	17	7	1
0		0	0	7				0		13	11	13	14		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	83		87		86		85		76								19
18	79	79	83	79			81		72								18
17	75	75	78	75	78		77		68	68				64	66		17
16	71	70	74	71	74	72	73		63	63		63		60	62	58	16
15	67	66	70	67	70	68	69		59	59				56	59		15
14	63	62	65	63	66	64	65		55	54		55		53	55	50	14
13	59	57	61	59	62	60	61		51	50	56	52		49	51	46	13
12	55	53	56	55	58	55	57		47	45			51	45	48	42	12
11	51	49	52	51	54	51	53	54	43	41	48	44		42	44	38	11
10	47	44	47	47	50	47	49		38	36	44	40		38	40	34	10
9	43	40	43	43	46	43	44	43	34	31	39	36	36	34	37	30	9
8	39	36	38	39	42	39	40		30	27	35	32		31	33	26	8
7	35	31	34	35	38	35	36	31	26	22	31	28	27	27	29	22	7
6	31	27	30	31	34	31	32		22	18	27	24		23	26	18	6
5	27	22	25	27	30	27	28	20	18	13	23	20	17	20	22	14	5
4	23	18	21	23	26	23	24		13	9	18	16		16	18	10	4
3	19	14	16		22	19	20	8	9	4	14	12	7	12	15		3
2	15	9	12		18	14	16	3	5	0	10	8	3	9			2
1	11	5	7		14	10	12	0	1	0	6	4	0				1
0		1				6	8	0		0	2				4	0	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 18-20 years
Age: 50-54 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	83		81		83		75				82	85	83	80		19
18	79	83	77				71				78	80	79	76		18
17	75	78	73		74		67			73		76		73		17
16	70	73	69			61	63	61	67			72	71	69		16
15	66	69	64		65		59	57			67					15
14	62	64	60	64	60	53	54	54	58		63	63	63	62		14
13	58	60	56		56		50	50		57		59	59	58	58	13
12	53	55	52	57	51	45	46	46	49		55	55	55		54	12
11	49	51	48	54	47	41	42	42	45	49	51	51	51	50	51	11
10	45	46	44	50	42	37	38	38	40		47	46	47	47	47	10
9	41	42	40	47	37	33	34	35	36	41	43	42	43	43	44	9
8	36	37	36	43	33	29	30	31	31		39	38	39	39	40	8
7	32	33	32	40	28	25	26	27	27	33	35	34	35	35	36	7
6	28	28	28	36		21	21	23	22	29		30	31	32	33	6
5	23	24	24	33	19	17	17	20	18	25	28	25	27	28	29	5
4	19	19	20	29		13	13	16	13	21		21	23	24	26	4
3	15	15	16	26	10	9	9		9	17		17	19	21	22	3
2	11	10	12	22	5	6	5	8	5	13		13	15	17	19	2
1	6		8	19	1	2	1	4	0	9				13		1
0				15		0	0	1								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons														Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L	
19	95	93	100	100	86	85	85	86	85				81	82	19
18	91	89	100	100	81	81	81	82	81				78	78	18
17	86	85	97	97	77	77	77	78	76				74	75	17
16	82	81	92	92	73	73	73	73	72				71	71	16
15	78	77	87	87	69	69	69	69	68			62	67	68	15
14	74	72	82	83	64	65	65	65	63	59			64	64	14
13	70	68	77	78	60	61	61	61	59		59	55	60	61	13
12	66	64	72	73	56	57	57	56	55	52			57	57	12
11	61	60	67	68	51	53	52	52	50		51	49	53	54	11
10	57	56	62	63	47	49	48	48	46	44	47	45	50	50	10
9	53	52	57	58	43	45	44	44	41	40	43	42	46	47	9
8	49	48	52	53	39	41	40	40	37	36	39	39	43	43	8
7	45	44	46	48	34	37	36	35	33	33	35	35	39	40	7
6	40	40	41	43	30	33	32	31	28	29	31	32	36	36	6
5	36	36	36	38	26	29	28	27	24	25	27	29	32	33	5
4	32	32	31	33	22	25	24	23	19	21	23	26	29	29	4
3	28	28	26	28	17	21	19	19	15	17	19	22	25	26	3
2	24	24	21	23	13	17	15	14	11	14	15	19	22	22	2
1	20	19	16	18	9	13	11	10	6	10	11	16	18	18	1
0	15	15	11	13	5	9		6							0

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 18-20 years
Age: 55-59 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	73		95	85	84	77	75	82	77						19
18	69	68	90	81	80	73	71	77	74	72				76	18
17	65	64	84	77	75	69	68	73			77				17
16	61	59	79	73	71	66	64	69	66		73				16
15	56	55	74	69	66	62	61	65	62	62	69	66	61	64	15
14	52	51	68	65	62	58	57	60	58	59	65		58		14
13	48	46	63	61	57	54	54	56	54	55	62	59		56	13
12	44	42	58	57	53	50	50	52	50		58	55	52	52	12
11	39	38	52	53	48	47	46	47	46	49	54	52		48	11
10	35	33	47	49	44	43	43	43	42	46	50	49	46	44	10
9	31	29	41	45	39	39	39	39		43	46	45	43	40	9
8	27	25	36	41	35	35	36	35	34	39	42	42	39	36	8
7	22	20	31	37	31	31	32	30	31		39	38	36	32	7
6	18	16	25	33	26	28	28	26	27	33	35	35	33	28	6
5	14	12	20	29	22	24	25	22	23	30	31	31	30	25	5
4	10	7	15	25	17	20	21	18	19		27	28	27	21	4
3	6	3	9	21	13	16	18	13	15	23	23	24	24	17	3
2	1	0	4	17	8	12	14	9	11		19	21	21	13	2
1	0	0	0	13	4	9	10	5		17	16	18	18	9	1
0		0	0	9				0		13	12	14	15		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	90		89		90		88		75								19
18	86	85	84	81			84		70								18
17	82	80	80	77	82		79		66	68				63	66		17
16	78	76	76	73	78	77	75		62	63		65		60	63	58	16
15	74	71	71	69	74	73	71		58	59				56	59		15
14	70	67	67	65	70	69	67		54	54		57		52	55	50	14
13	66	63	62	61	66	65	63		50	50	57	53		49	52	46	13
12	62	58	58	57	62	60	59		45	45			51	45	48	42	12
11	58	54	53	53	58	56	55	55	41	41	48	45		41	44	38	11
10	54	50	49	49	54	52	51		37	36	44	41		38	41	34	10
9	50	45	45	45	50	48	47	43	33	31	40	37	36	34	37	30	9
8	46	41	40	40	46	44	43		29	27	35	33		30	33	26	8
7	42	37	36	36	43	40	39	32	25	22	31	29	27	27	30	22	7
6	38	32	31	32	39	36	34		20	18	27	25		23	26	18	6
5	34	28	27	28	35	32	30	20	16	13	23	21	17	19	22	14	5
4	30	24	22	24	31	28	26		12	9	19	18		16	19	10	4
3	26	19	18		27	24	22	9	8	4	14	14	7	12	15		3
2	22	15	13		23	19	18	3	4	0	10	10	3	8			2
1	18	11	9		19	15	14	0	0	0	6	6	0				1
0		6				11	10	0	0	0	2			4	0		0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 18-20 years
Age: 55-59 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	84		81		85		77				84	86	85	81		19
18	80	84	77				73				80	82	81	77		18
17	76	79	73		75		69			75		78		73		17
16	71	75	69			63	65	63	69			73	73	70		16
15	67	70	65		66		60	59			68					15
14	63	65	61	64	62	55	56	55	60		64	65	65	62		14
13	59	61	57		57		52	51		59		61	61	58	58	13
12	54	56	53	57	53	47	48	48	51		57	57	57		54	12
11	50	52	49	54	48	43	44	44	46	51	53	52	53	51	51	11
10	46	47	45	50	43	39	40	40	42		49	48	49	47	47	10
9	41	43	41	47	39	35	36	36	37	43	45	44	45	43	44	9
8	37	38	37	43	34	31	31	33	33		41	40	40	40	40	8
7	33	34	33	40	30	27	27	29	28	35	37	35	36	36	37	7
6	29	29	28	36		23	23	25	24	31		31	32	32	33	6
5	24	25	24	33	20	19	19	21	20	27	29	27	28	28	30	5
4	20	20	20	29		15	15	17	15	23		23	24	25	26	4
3	16	16	16	26	11	11	11		11	19		18	20	21	22	3
2	12	11	12	22	7	7	7	10	6	15		14	16	17	19	2
1	7		8	19	2	3	3	6	2	11				14		1
0				15		0	0	2								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	96	94	100	100	88	87	87	88	87				81	82	19	
18	92	90	100	100	84	83	83	84	83				78	79	18	
17	88	86	99	100	79	79	79	80	79				74	75	17	
16	83	82	94	95	75	75	75	75	74				71	72	16	
15	79	78	89	90	71	71	71	71	70			63	67	68	15	
14	75	74	84	85	67	67	66	67	65	60			64	64	14	
13	71	70	79	80	62	63	62	63	61		60	56	60	61	13	
12	67	66	74	75	58	59	58	59	57	53			57	57	12	
11	62	62	69	70	54	55	54	54	52		52	50	53	54	11	
10	58	58	64	65	50	51	50	50	48	45	48	47	50	50	10	
9	54	53	59	60	45	47	46	46	44	41	44	43	46	47	9	
8	50	49	54	55	41	43	42	42	39	37	40	40	43	43	8	
7	46	45	48	50	37	39	38	37	35	34	36	37	39	40	7	
6	42	41	43	45	33	35	34	33	30	30	32	33	36	36	6	
5	37	37	38	40	28	31	29	29	26	26	28	30	32	33	5	
4	33	33	33	35	24	27	25	25	22	22	24	27	29	29	4	
3	29	29	28	30	20	23	21	21	17	19	20	24	25	26	3	
2	25	25	23	25	16	19	17	16	13	15	16	20	22	22	2	
1	21	21	18	20	11	15	13	12	9	11	12	17	18	19	1	
0	16	17	13	15	7	11		8							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 18-20 years
Age: 60-64 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	73		99	88	87	78	76	83	77						19
18	69	67	94	84	83	74	72	79	74	72				77	18
17	65	62	89	80	78	70	69	75			78				17
16	61	58	83	76	74	66	65	70	66		74				16
15	56	54	78	72	69	63	61	66	62	62	70	67	62	66	15
14	52	50	73	68	65	59	58	62	58	59	66		59		14
13	48	45	67	64	60	55	54	57	54	56	63	60		58	13
12	44	41	62	60	56	51	51	53	50		59	56	53	54	12
11	39	37	57	56	51	47	47	49	46	50	55	53		50	11
10	35	32	51	52	47	44	43	45	42	46	51	49	46	46	10
9	31	28	46	48	43	40	40	40		43	47	46	43	42	9
8	27	24	40	44	38	36	36	36	34	40	43	42	40	38	8
7	22	19	35	40	34	32	33	32	31		40	39	37	34	7
6	18	15	30	36	29	28	29	28	27	33	36	36	34	30	6
5	14	11	24	32	25	25	25	23	23	30	32	32	31	26	5
4	10	6	19	28	20	21	22	19	19		28	29	28	22	4
3	6	2	14	24	16	17	18	15	15	24	24	25	24	18	3
2	1	0	8	20	11	13	15	10	11		20	22	21	14	2
1	0	0	3	16	7	10	11	6		17	16	18	18	11	1
0		0	0	12				2		14	13	15	15		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	90		92		90		90		75								19
18	86	87	87	83			86		70								18
17	82	82	83	79	82		82		66	68				63	67		17
16	78	78	78	75	78	78	78		62	63		67		59	63	58	16
15	74	74	74	71	74	74	74		58	59				55	59		15
14	70	69	69	67	70	70	70		54	54		59		52	56	50	14
13	66	65	65	63	66	66	66		50	50	57	55		48	52	46	13
12	62	61	60	59	62	62	62		45	45			51	44	48	42	12
11	58	56	56	54	58	58	58	55	41	41	48	47		41	45	38	11
10	54	52	52	50	54	53	54		37	36	44	43		37	41	34	10
9	50	48	47	46	50	49	49	44	33	31	40	39	36	33	37	30	9
8	46	43	43	42	46	45	45		29	27	36	35		30	34	26	8
7	42	39	38	38	43	41	41	32	25	22	31	31	27	26	30	22	7
6	38	35	34	34	39	37	37		20	18	27	27		22	26	18	6
5	34	30	29	30	35	33	33	21	16	13	23	23	17	19	23	14	5
4	30	26	25	26	31	29	29		12	9	19	19		15	19	10	4
3	26	22	20		27	25	25	9	8	4	15	15	8	11	15		3
2	22	17	16		23	21	21	3	4	0	10	11	3	8			2
1	18	13	12		19	17	17	0	0	0	6	8	0				1
0		9				12	13	0	0	0	2				4	0	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 18-20 years
Age: 60-64 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	85		81		86		79				86	88	87	81		19
18	81	85	77				75				82	83	83	77		18
17	77	80	73		77		71			76		79		74		17
16	72	76	69			65	67	65	71			75	74	70		16
15	68	71	65		68		63	61			71					15
14	64	67	61	64	63	57	58	57	62		67	67	66	63		14
13	60	62	57		59		54	53		61		62	62	59	58	13
12	55	58	53	57	54	49	50	50	53		59	58	58		54	12
11	51	53	49	54	50	45	46	46	48	53	55	54	54	51	51	11
10	47	48	45	50	45	41	42	42	44		51	50	50	48	47	10
9	42	44	41	47	40	37	38	38	39	45	47	45	46	44	44	9
8	38	39	37	43	36	33	34	35	35		44	41	42	40	40	8
7	34	35	33	40	31	29	29	31	30	37	40	37	38	36	37	7
6	30	30	29	36		25	25	27	26	33		33	34	33	33	6
5	25	26	25	33	22	21	21	23	21	29	32	28	30	29	30	5
4	21	21	21	30		17	17	19	17	25		24	26	25	26	4
3	17	17	17	26	13	13	13		12	21		20	22	22	23	3
2	13	12	13	23	8	9	9	12	8	17		16	18	18	19	2
1	8		9	19	4	5	5	8	3	13				14		1
0				16		1	1	4								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	97	96	100	100	91	89	89	90	90				81	82	19	
18	93	91	100	100	86	85	85	86	85				78	79	18	
17	89	87	100	100	82	81	81	82	81				74	75	17	
16	85	83	96	97	78	77	77	78	77				71	72	16	
15	81	79	91	92	74	73	73	73	72			65	67	68	15	
14	76	75	86	87	69	69	69	69	68	61			64	65	14	
13	72	71	81	82	65	65	64	65	64		61	58	60	61	13	
12	68	67	76	77	61	61	60	61	59	54			57	58	12	
11	64	63	71	72	57	57	56	56	55		53	51	53	54	11	
10	60	59	66	67	52	53	52	52	50	46	49	48	50	50	10	
9	55	55	61	62	48	49	48	48	46	43	45	45	46	47	9	
8	51	51	56	57	44	45	44	44	42	39	41	42	43	43	8	
7	47	47	51	52	40	41	40	40	37	35	37	38	39	40	7	
6	43	42	45	47	35	37	36	35	33	31	33	35	36	36	6	
5	39	38	40	42	31	33	31	31	28	27	29	32	32	33	5	
4	35	34	35	37	27	29	27	27	24	24	25	28	29	29	4	
3	30	30	30	32	23	25	23	23	20	20	21	25	25	26	3	
2	26	26	25	27	18	21	19	19	15	16	17	22	22	22	2	
1	22	22	20	22	14	17	15	14	11	12	13	19	18	19	1	
0	18	18	15	17	10	13		10							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 18-20 years
Age: 65-69 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	72		100	90	89	79	76	84	77						19
18	67	66	98	86	85	75	73	80	74	73				79	18
17	63	61	92	82	80	71	69	76			79				17
16	59	57	87	78	76	67	66	72	66		75				16
15	55	53	82	74	72	63	62	67	62	63	71	67	62	67	15
14	50	48	76	70	67	60	58	63	58	60	67		59		14
13	46	44	71	66	63	56	55	59	54	56	63	60		60	13
12	42	40	65	62	58	52	51	55	50		60	57	53	56	12
11	38	35	60	58	54	48	48	50	46	50	56	53		52	11
10	33	31	55	54	49	44	44	46	42	47	52	50	47	48	10
9	29	27	49	50	45	41	40	42		44	48	47	44	44	9
8	25	23	44	46	40	37	37	37	34	40	44	43	41	40	8
7	21	18	39	42	36	33	33	33	31		40	40	38	36	7
6	17	14	33	38	31	29	30	29	27	34	37	36	34	32	6
5	12	10	28	34	27	26	26	25	23	31	33	33	31	28	5
4	8	5	23	30	23	22	22	20	19		29	29	28	24	4
3	4	1	17	25	18	18	19	16	15	24	25	26	25	20	3
2	0	0	12	21	14	14	15	12	11		21	22	22	16	2
1	0	0	7	17	9	10	12	8		18	17	19	19	12	1
0		0	1	13				3		14	14	16	16		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	93		93		92		94		73								19
18	89	89	89	85			89		69								18
17	85	85	84	81	84		85		65	68				62	67		17
16	81	80	80	77	80	79	81		61	63		69		58	63	58	16
15	77	76	75	73	76	75	77		57	59				55	60		15
14	73	72	71	69	72	71	73		52	54		61		51	56	50	14
13	69	67	67	65	68	67	69		48	50	57	57		47	52	46	13
12	65	63	62	61	64	63	65		44	45			51	44	49	42	12
11	61	59	58	57	60	59	61	55	40	41	49	49		40	45	38	11
10	57	54	53	53	56	55	57		36	36	44	45		36	41	34	10
9	53	50	49	49	52	51	53	44	32	31	40	41	36	33	38	30	9
8	49	46	44	44	48	46	49		27	27	36	37		29	34	26	8
7	45	41	40	40	44	42	44	32	23	22	32	33	27	25	30	22	7
6	41	37	35	36	40	38	40		19	18	27	29		22	27	18	6
5	37	33	31	32	36	34	36	21	15	13	23	25	17	18	23	14	5
4	33	28	27	28	32	30	32		11	9	19	21		14	19	10	4
3	29	24	22		29	26	28	9	7	4	15	17	8	11	16		3
2	25	20	18		25	22	24	4	3	0	11	13	3	7			2
1	22	15	13		21	18	20	0	0	0	6	10	0				1
0		11				14	16	0	0	2					5	0	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 18-20 years
Age: 65-69 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	86		82		88		82				88	89	88	82		19
18	82	86	78				77				84	85	84	78		18
17	78	81	74		79		73			79		81		74		17
16	73	77	70			67	69	67	73			77	76	71		16
15	69	72	66		70		65	63			72					15
14	65	68	62	64	65	59	61	59	64		69	68	68	63		14
13	60	63	58		61		57	56		63		64	64	59	58	13
12	56	59	53	57	56	51	53	52	55		61	60	60		54	12
11	52	54	49	54	51	47	49	48	50	55	57	55	56	52	51	11
10	48	50	45	50	47	43	44	44	46		53	51	52	48	47	10
9	43	45	41	47	42	39	40	41	42	47	49	47	48	44	44	9
8	39	40	37	44	38	35	36	37	37		45	43	44	41	40	8
7	35	36	33	40	33	31	32	33	33	39	41	38	40	37	37	7
6	31	31	29	37		27	28	29	28	35		34	36	33	33	6
5	26	27	25	33	24	23	24	25	24	31	34	30	32	29	30	5
4	22	22	21	30		19	20	22	19	27		26	28	26	26	4
3	18	18	17	26	15	15	15		15	23		21	23	22	23	3
2	13	13	13	23	10	11	11	14	10	19		17	19	18	19	2
1	9		9	19	6	8	7	10	6	15				15		1
0				16		4	3	7								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons														Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L	
19	99	97	100	100	94	92	92	93	92				81	82	19
18	95	93	100	100	89	88	87	88	88				78	79	18
17	91	89	100	100	85	84	83	84	84				74	75	17
16	86	85	99	99	81	80	79	80	79				71	72	16
15	82	80	94	94	77	76	75	76	75			66	67	68	15
14	78	76	89	89	72	72	71	72	71	63			64	65	14
13	74	72	83	84	68	68	67	67	66		62	60	60	61	13
12	70	68	78	79	64	64	63	63	62	55			57	58	12
11	65	64	73	74	60	60	59	59	57		54	53	53	54	11
10	61	60	68	69	55	56	54	55	53	48	50	50	50	51	10
9	57	56	63	64	51	52	50	50	49	44	46	47	46	47	9
8	53	52	58	59	47	48	46	46	44	40	42	43	43	44	8
7	49	48	53	54	43	44	42	42	40	36	38	40	39	40	7
6	45	44	48	49	38	40	38	38	35	33	34	37	36	36	6
5	40	40	43	44	34	36	34	34	31	29	30	33	32	33	5
4	36	36	38	40	30	32	30	29	27	25	26	30	29	29	4
3	32	31	32	35	26	28	26	25	22	21	22	27	25	26	3
2	28	27	27	30	21	24	22	21	18	18	18	24	22	22	2
1	24	23	22	25	17	20	17	17	14	14	14	20	18	19	1
0	19	19	17	20	13	16		12							0

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 18-20 years
Age: 70-74 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	70		100	91	92	79	77	86	77						19
18	66	65	100	87	87	76	73	82	74	73				82	18
17	61	60	96	83	83	72	70	77			80				17
16	57	56	91	79	78	68	66	73	66		76				16
15	53	52	85	75	74	64	63	69	62	63	72	68	63	70	15
14	49	47	80	71	70	60	59	65	58	60	68		60		14
13	45	43	75	67	65	57	55	60	54	57	64	61		62	13
12	40	39	69	63	61	53	52	56	50		60	58	54	58	12
11	36	34	64	59	56	49	48	52	46	50	57	54		54	11
10	32	30	59	55	52	45	45	47	42	47	53	51	47	50	10
9	28	26	53	51	47	42	41	43		44	49	47	44	46	9
8	23	21	48	47	43	38	37	39	34	41	45	44	41	42	8
7	19	17	43	43	38	34	34	35	31		41	40	38	38	7
6	15	13	37	39	34	30	30	30	27	34	37	37	35	34	6
5	11	8	32	35	29	26	27	26	23	31	34	34	32	30	5
4	6	4	26	31	25	23	23	22	19		30	30	29	27	4
3	2	0	21	27	21	19	19	18	15	25	26	27	26	23	3
2	0	0	16	23	16	15	16	13	11		22	23	23	19	2
1	0	0	10	19	12	11	12	9		18	18	20	19	15	1
0		0	5	15				5		15	14	16	16		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	96		95		94		97		72								19
18	92	91	90	88			93		68								18
17	88	87	86	84	86		89		64	68				61	67		17
16	84	83	82	79	82	81	85		59	63		71		58	64	57	16
15	80	78	77	75	78	76	81		55	59				54	60		15
14	76	74	73	71	74	72	77		51	54		63		50	56	49	14
13	72	70	68	67	70	68	73		47	50	57	59		47	53	46	13
12	68	65	64	63	66	64	69		43	45			51	43	49	42	12
11	64	61	59	59	62	60	65	56	39	41	49	51		39	45	38	11
10	60	57	55	55	58	56	61		34	36	45	47		36	42	34	10
9	56	52	50	51	54	52	56	44	30	31	40	43	36	32	38	30	9
8	52	48	46	47	50	48	52		26	27	36	39		28	34	26	8
7	48	44	42	43	46	44	48	33	22	22	32	35	27	25	31	22	7
6	44	39	37	39	42	39	44		18	18	28	31		21	27	18	6
5	41	35	33	35	38	35	40	21	14	13	23	27	17	17	23	14	5
4	37	31	28	31	34	31	36		10	9	19	24		14	20	10	4
3	33	26	24		30	27	32	10	5	4	15	20	8	10	16		3
2	29	22	19		26	23	28	4	1	0	11	16	3	6			2
1	25	18	15		22	19	24	0	0	0	7	12	0				1
0		13				15	20	0	0	0	2				5	0	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 18-20 years
Age: 70-74 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	87		82		90		84				90	91	90	82		19
18	83	87	78				80				86	87	86	78		18
17	78	82	74		81		76			81		82		75		17
16	74	78	70			70	72	70	75			78	78	71		16
15	70	73	66		72		68	66			74					15
14	66	69	62	65	67	62	64	62	66		70	70	70	64		14
13	61	64	58		63		60	58		65		65	66	60	58	13
12	57	60	54	58	58	54	56	55	57		62	61	61		55	12
11	53	55	50	54	54	50	51	51	53	57	58	57	57	52	51	11
10	49	51	46	51	49	46	47	47	49		55	53	53	49	47	10
9	44	46	42	47	44	42	43	43	44	49	51	48	49	45	44	9
8	40	42	38	44	40	38	39	39	40		47	44	45	41	40	8
7	36	37	34	40	35	34	35	36	35	41	43	40	41	37	37	7
6	31	32	30	37		30	31	32	31	37		36	37	34	33	6
5	27	28	26	33	26	26	27	28	26	34	35	32	33	30	30	5
4	23	23	22	30		22	23	24	22	30		27	29	26	26	4
3	19	19	17	26	17	18	18		17	26		23	25	23	23	3
2	14	14	13	23	12	14	14	17	13	22		19	21	19	19	2
1	10		9	19	8	10	10	13	8	18				15		1
0				16		6	6	9								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons														Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L	
19	100	98	100	100	97	95	94	95	95				81	82	19
18	97	94	100	100	93	91	90	91	91				78	79	18
17	92	90	100	100	88	87	86	87	87				74	75	17
16	88	86	100	100	84	83	82	83	82				71	72	16
15	84	82	96	97	80	79	78	78	78			68	67	68	15
14	80	78	91	92	76	75	74	74	73	65			64	65	14
13	76	73	86	87	71	71	70	70	69		63	62	60	61	13
12	71	69	81	82	67	67	66	66	65	57			57	58	12
11	67	65	76	77	63	63	61	61	60		55	55	53	54	11
10	63	61	70	72	58	59	57	57	56	50	51	52	50	51	10
9	59	57	65	67	54	55	53	53	51	46	47	49	46	47	9
8	55	53	60	62	50	51	49	49	47	42	43	45	43	44	8
7	51	49	55	57	46	47	45	45	43	38	39	42	39	40	7
6	46	45	50	52	41	43	41	40	38	34	35	39	36	37	6
5	42	41	45	47	37	39	37	36	34	31	31	35	32	33	5
4	38	37	40	42	33	35	33	32	30	27	27	32	29	30	4
3	34	33	35	37	29	31	28	28	25	23	23	29	25	26	3
2	30	29	30	32	24	27	24	23	21	19	19	26	22	22	2
1	25	25	25	27	20	23	20	19	16	16	15	22	18	19	1
0	21	20	20	22	16	19		15							0

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 18-20 years
Age: 75-79 years
Race: Caucasian

Summary scores				Executive functions					Attention/Working memory						Scaled score
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	
19	68		100	93	94	80	78	87	77						19
18	64	64	100	89	90	76	74	83	74	74				84	18
17	60	59	100	85	85	73	70	79			81				17
16	56	55	95	81	81	69	67	74	66		77				16
15	51	51	90	77	77	65	63	70	62	64	73	69	64	72	15
14	47	46	84	73	72	61	60	66	58	61	69		61		14
13	43	42	79	69	68	58	56	62	54	57	65	62		65	13
12	39	38	73	65	63	54	52	57	50		61	58	54	61	12
11	34	33	68	61	59	50	49	53	46	51	58	55		57	11
10	30	29	63	57	54	46	45	49	42	48	54	51	48	53	10
9	26	25	57	53	50	42	42	45		45	50	48	45	49	9
8	22	20	52	49	45	39	38	40	34	41	46	45	42	45	8
7	18	16	47	45	41	35	34	36	31		42	41	39	41	7
6	13	12	41	41	37	31	31	32	27	35	38	38	36	37	6
5	9	7	36	37	32	27	27	27	23	32	35	34	32	33	5
4	5	3	31	33	28	23	24	23	19		31	31	29	29	4
3	1	0	25	29	23	20	20	19	15	25	27	27	26	25	3
2	0	0	20	25	19	16	17	15	11		23	24	23	21	2
1	0	0	15	21	14	12	13	10		19	19	20	20	17	1
0		0	9	17				6		15	15	17	17		0

Scaled score	Speed of information processing				Spatial skills				Verbal/Academic skills								Scaled score
	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	99		97		96		100		71								19
18	95	94	92	91			98		66								18
17	91	89	88	86	88		93		62	68				60	68		17
16	87	85	83	82	84	82	89		58	63		73		57	64	57	16
15	83	81	79	78	80	78	85		54	59				53	60		15
14	79	76	74	74	76	74	81		50	54		65		49	57	49	14
13	75	72	70	70	72	69	77		46	50	57	61		46	53	45	13
12	71	68	65	66	68	65	73		41	45			51	42	49	41	12
11	67	63	61	62	64	61	69	56	37	41	49	53		38	46	37	11
10	63	59	57	58	60	57	65		33	36	45	50		35	42	33	10
9	60	55	52	54	56	53	61	45	29	31	41	46	36	31	38	29	9
8	56	50	48	50	52	49	57		25	27	36	42		27	35	26	8
7	52	46	43	46	48	45	53	33	21	22	32	38	27	24	31	22	7
6	48	42	39	42	44	41	48		17	18	28	34		20	27	18	6
5	44	37	34	38	40	37	44	22	12	13	24	30	17	16	24	14	5
4	40	33	30	34	36	32	40		8	9	19	26		13	20	10	4
3	36	29	25		32	28	36	10	4	4	15	22	8	9	16		3
2	32	24	21		28	24	32	4	0	0	11	18	3	5			2
1	28	20	17		24	20	28	0	0	0	7	14	0				1
0		15				16	24	0	0	0	3				6	0	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 18-20 years
Age: 75-79 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	88		83		93		88				91	92	91	83		19
18	84	88	78				84				87	88	87	79		18
17	79	83	74		84		80			84		84		75		17
16	75	79	70			73	75	73	78			80	79	72		16
15	71	74	66		74		71	69			76					15
14	67	70	62	65	70	65	67	65	69		72	71	71	64		14
13	62	65	58		65		63	61		68		67	67	60	58	13
12	58	61	54	58	61	57	59	58	60		64	63	63		55	12
11	54	56	50	54	56	53	55	54	56	60	60	58	59	53	51	11
10	50	52	46	51	51	49	51	50	51		56	54	55	49	48	10
9	45	47	42	47	47	45	46	46	47	52	52	50	51	45	44	9
8	41	43	38	44	42	41	42	42	42		48	46	47	42	41	8
7	37	38	34	40	38	37	38	39	38	44	45	42	43	38	37	7
6	32	34	30	37		33	34	35	33	40		37	39	34	33	6
5	28	29	26	33	29	29	30	31	29	36	37	33	35	30	30	5
4	24	24	22	30		25	26	27	25	32		29	31	27	26	4
3	20	20	18	26	19	21	22		20	29		25	27	23	23	3
2	15	15	14	23	15	17	18	20	16	25		20	23	19	19	2
1	11		10	20	10	13	13	16	11	21				16		1
0			16			9	9	12								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	99	100	100	100	98	98	98	98				81	83	19	
18	99	95	100	100	96	94	93	94	94				78	79	18	
17	94	91	100	100	92	90	89	90	90				74	76	17	
16	90	87	100	100	87	86	85	85	85				71	72	16	
15	86	83	98	99	83	82	81	81	81			71	67	68	15	
14	82	79	93	94	79	78	77	77	76	67			64	65	14	
13	78	75	88	89	75	74	73	73	72		63	64	60	61	13	
12	74	70	83	84	70	70	69	68	68	59			57	58	12	
11	69	66	78	79	66	66	65	64	63		56	57	53	54	11	
10	65	62	73	74	62	62	61	60	59	52	52	54	50	51	10	
9	61	58	68	69	58	58	56	56	54	48	48	51	46	47	9	
8	57	54	63	64	53	54	52	52	50	44	44	48	43	44	8	
7	53	50	58	59	49	50	48	47	46	40	40	44	39	40	7	
6	48	46	53	54	45	46	44	43	41	36	36	41	36	37	6	
5	44	42	47	49	41	42	40	39	37	33	32	38	32	33	5	
4	40	38	42	44	36	38	36	35	33	29	28	34	29	30	4	
3	36	34	37	39	32	34	32	30	28	25	24	31	25	26	3	
2	32	30	32	34	28	30	28	26	24	21	20	28	22	23	2	
1	28	26	27	29	24	26	23	22	19	18	16	25	18	19	1	
0	23	22	22	25	19	22		18							0	

Note. See page 16 for a description of acronyms.

APPENDIX D (continued)

Sex: Female
Education: 18-20 years
Age: 80-85 years
Race: Caucasian

	Summary scores			Executive functions					Attention/Working memory							
Scaled score	WAIS-R FSIQ	WAIS FSIQ	AIR	CAT ERROR	TRAIL B	THUR FLU	FAS	ANIMALS	WAIS-R DIGIT SPAN	WAIS DIGIT SPAN	PASAT	DIGIT ERROR	SSHOR RHYM	SPCH PERC	Scaled score	
19	68		100	95	97	81	78	89	77						19	
18	64	62	100	91	93	77	75	85	74	74				87	18	
17	60	58	100	87	89	74	71	80			82				17	
16	56	54	100	83	84	70	68	76	66		78				16	
15	51	49	94	79	80	66	64	72	62	64	74	70	64	76	15	
14	47	45	89	75	75	62	60	67	58	61	70		61		14	
13	43	41	84	71	71	58	57	63	54	58	66	63		68	13	
12	39	36	78	67	66	55	53	59	50		62	59	55	64	12	
11	34	32	73	63	62	51	50	55	46	52	59	56		60	11	
10	30	28	68	59	57	47	46	50	42	48	55	52	49	56	10	
9	26	23	62	55	53	43	42	46		45	51	49	46	52	9	
8	22	19	57	51	49	39	39	42	34	42	47	45	42	48	8	
7	18	15	52	47	44	36	35	38	31		43	42	39	44	7	
6	13	10	46	43	40	32	32	33	27	35	39	39	36	40	6	
5	9	6	41	39	35	28	28	29	23	32	36	35	33	36	5	
4	5	2	35	35	31	24	24	25	19		32	32	30	32	4	
3	1	0	30	31	26	21	21	20	15	26	28	28	27	29	3	
2	0	0	25	27	22	17	17	16	11		24	25	24	25	2	
1	0	0	19	23	17	13	14	12		19	20	21	21	21	1	
0		0	14	19				8		16	16	18	18		0	

Speed of information processing					Spatial skills				Verbal/Academic skills								Scaled score
Scaled score	WAIS-R DIGIT SYMB	WAIS DIGIT SYMB	TRAIL A	DIGIT TIME	WAIS-R BLOCK DESGN	WAIS BLOCK DESGN	TPT TIME	SPAT REL	WAIS-R VOCAB	WAIS VOCAB	APHAS SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	99		98		96		100		71								19
18	95	96	94	94			100		66								18
17	91	92	89	90	88		99		62	68				59	68		17
16	87	88	85	86	84	83	95		58	63		76		56	64	57	16
15	83	83	81	82	80	79	91		54	59				52	61		15
14	79	79	76	78	76	75	87		50	54		68		48	57	49	14
13	75	75	72	74	72	71	82		46	50	58	64		45	53	45	13
12	71	70	67	70	68	67	78		41	45			51	41	50	41	12
11	67	66	63	66	64	63	74	56	37	41	49	56		37	46	37	11
10	63	61	58	62	60	58	70		33	36	45	52		34	43	33	10
9	60	57	54	58	56	54	66	45	29	31	41	48	37	30	39	29	9
8	56	53	49	54	52	50	62		25	27	37	44		26	35	25	8
7	52	48	45	50	48	46	58	33	21	22	32	41	27	23	32	21	7
6	48	44	41	45	44	42	54		17	18	28	37		19	28	17	6
5	44	40	36	41	40	38	50	22	12	13	24	33	17	15	24	13	5
4	40	35	32	37	36	34	46		8	9	20	29		12	21	9	4
3	36	31	27		32	30	42	10	4	4	15	25	8	8	17		3
2	32	27	23		28	26	37	5	0	0	11	21	3	4			2
1	28	22	18		24	22	33	0	0	0	7	17	0				1
0		18				17	29	0	0	0	3				6	0	0

(continued)

APPENDIX D (continued)

Sex: Female
Education: 18-20 years
Age: 80-85 years
Race: Caucasian

Scaled score	Verbal episodic memory									Visual episodic memory						Scaled score
	STORY-T1	STORY LEARN	STORY RECALL	STORY LOSS	CVLT-1	CVLT-5	CVLT-TOT	CVLT-SDFR	CVLT-LDFR	TPT MEM	TPT LOC	FIGUR-T1	FIGUR LEARN	FIGUR RECALL	FIGUR LOSS	
19	89		83		96		92				93	94	93	83		19
18	85	89	79				88				89	90	89	80		18
17	80	84	75		87		84			88		86		76		17
16	76	80	71			77	80	77	82			81	81	72		16
15	72	75	67		77		75	73			77					15
14	68	71	63	65	73	69	71	69	73		74	73	73	65		14
13	63	66	59		68		67	65		72		69	69	61	58	13
12	59	62	55	58	64	61	63	61	64		66	64	65		55	12
11	55	57	51	54	59	57	59	58	60	64	62	60	61	53	51	11
10	51	53	47	51	55	53	55	54	55		58	56	57	50	48	10
9	46	48	43	47	50	49	51	50	51	56	54	52	53	46	44	9
8	42	44	38	44	45	45	47	46	46		50	47	49	42	41	8
7	38	39	34	41	41	41	42	43	42	48	46	43	45	38	37	7
6	33	35	30	37		37	38	39	37	44		39	41	35	34	6
5	29	30	26	34	32	33	34	35	33	40	39	35	37	31	30	5
4	25	26	22	30		29	30	31	28	36		31	33	27	27	4
3	21	21	18	27	23	25	26		24	32		26	28	24	23	3
2	16	17	14	23	18	21	22	24	19	28		22	24	20	19	2
1	12		10	20	13	17	18	20	15	24				16		1
0				16		13	14	16								0

Scaled score	Lateralized sensorimotor/Psychomotor comparisons															Scaled score
	TAP DH	TAP NDH	GRIP DH	GRIP NDH	PEG DH	PEG NDH	TPT DH	TPT NDH	TPT BH	SP R	SP L	SP TOT	TFR R	TFR L		
19	100	100	100	100	100	100	100	100	100				81	83	19	
18	100	96	100	100	100	98	98	97	97				78	79	18	
17	97	92	100	100	96	94	93	93	93				74	76	17	
16	93	88	100	100	91	90	89	89	89				71	72	16	
15	89	84	100	100	87	86	85	84	84			74	67	69	15	
14	85	80	96	97	83	82	81	80	80	69			64	65	14	
13	80	76	91	92	79	78	77	76	76		65	67	60	62	13	
12	76	72	86	87	74	74	73	72	71	62			57	58	12	
11	72	67	81	82	70	70	69	67	67		57	60	53	55	11	
10	68	63	76	77	66	66	65	63	62	54	53	57	50	51	10	
9	64	59	70	72	62	62	60	59	58	50	49	54	46	47	9	
8	60	55	65	67	57	58	56	55	54	47	45	51	43	44	8	
7	55	51	60	62	53	54	52	51	49	43	41	47	39	40	7	
6	51	47	55	57	49	50	48	46	45	39	37	44	36	37	6	
5	47	43	50	52	45	46	44	42	40	35	33	41	32	33	5	
4	43	39	45	47	40	42	40	38	36	31	29	37	29	30	4	
3	39	35	40	42	36	38	36	34	32	28	25	34	25	26	3	
2	34	31	35	37	32	34	32	29	27	24	21	31	22	23	2	
1	30	27	30	32	28	30	27	25	23	20	17	28	18	19	1	
0	26	23	25	27	23	26		21							0	

Note. See page 16 for a description of acronyms.