

APPENDIX E

Sex: Male
Education: 7-8 years
Age: 20-34 years
Race: African American

	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	100		100	93	93	95	92	91	91						19	
18	96	100	97	89	89	91	88	87	87	80				90	18	
17	92	98	91	84	85	87	84	83			88				17	
16	88	94	86	80	80	83	81	79	80		84				16	
15	84	90	81	75	76	79	77	75	76	70	80	75	63	77	15	
14	79	85	76	71	72	75	73	71	72	67	76		60		14	
13	75	81	71	67	68	72	69	67	68	64	73	67		68	13	
12	71	77	66	62	63	68	66	63	64		69	64	55	64	12	
11	67	72	61	58	59	64	62	59	60	57	65	60		59	11	
10	62	68	56	54	55	60	58	55	56	54	61	57	49	55	10	
9	58	64	50	49	51	56	54	51		51	58	53	46	51	9	
8	54	59	45	45	46	52	51	47	48	48	54	50	43	46	8	
7	50	55	40	41	42	48	47	43	44		50	46	41	42	7	
6	46	51	35	36	38	44	43	40	40	41	46	42	38	38	6	
5	41	47	30	32	34	40	39	36	37	38	43	39	35	33	5	
4	37	42	25	27	30	37	36	32	33		39	35	32	29	4	
3	33	38	20	23	25	33	32	28	29	32	35	32	29	25	3	
2	29	34	14	19	21	29	28	24	25		31	28	26	20	2	
1	24	29	9	14	17	25	24	20		25	27	25	23	16	1	
0		25	4	10				16		22	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	97		91		93		90		100								19
18	93	95	87	80			86		99								18
17	89	90	82	76	85		82		94	96				97	85		17
16	85	86	78	73	81	76	78		90	91		94		93	82	89	16
15	81	82	74	69	77	71	74		86	87				89	78		15
14	77	77	70	66	73	67	69		82	82		85		85	74	81	14
13	73	73	66	62	69	63	65		78	77	83	81		81	71	77	13
12	69	69	62	59	65	59	61		74	73			65	77	67	73	12
11	65	64	57	55	61	55	57	59	69	68	74	72		73	63	69	11
10	61	60	53	51	57	51	53		65	64	70	67		69	60	65	10
9	57	56	49	48	53	47	48	49	61	59	66	63	51	65	56	61	9
8	53	51	45	44	49	43	44		57	55	62	58		61	52	57	8
7	49	47	41	41	45	39	40	40	53	50	57	54	41	57	49	53	7
6	45	43	37	37	41	35	36		49	46	53	49		53	45	49	6
5	41	38	32	34	37	30	32	30	45	41	49	45	31	49	41	46	5
4	37	34	28	30	33	26	28		40	37	45	41		45	38	42	4
3	33	30	24		29	22	23	21	36	32	40	36	22	41	34		3
2	29	25	20		25	18	19	16	32	27	36	32	17	37			2
1	25	21	16		21	14	15	11	28	23	32	27	12				1
0		17				10	11	6	18	28					23	26	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 7-8 years
Age: 20-34 years
Race: African American

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

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 7-8 years
Age: 35-39 years
Race: African American

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

(continued)

APPENDIX E (continued)

Sex: Male
Education: 7-8 years
Age: 35-39 years
Race: African American

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		100		100		98				94	100	100	91		19
18	96	100	99				94				90	98	97	87		18
17	92	98	95		91		89			81		94		83		17
16	87	93	92			84	85	78	86			89	89	79		16
15	83	89	88		81		80	74			76					15
14	79	85	84	70	76	75	75	70	77		72	80	80	71		14
13	75	81	81		71		71	67		64		76	75	67	61	13
12	71	76	77	64	65	67	66	63	68		63	71	71		57	12
11	66	72	74	61	60	62	62	59	63	56	58	67	66	59	53	11
10	62	68	70	58	55	58	57	55	59		54	62	62	55	49	10
9	58	64	67	55	50	54	52	51	54	48	49	57	58	51	46	9
8	54	59	63	52	45	50	48	48	50		45	53	53	47	42	8
7	50	55	60	49	40	46	43	44	45	39	40	48	49	43	38	7
6	45	51	56	46		41	39	40	40	35		44	44	39	35	6
5	41	46	53	42	30	37	34	36	36	31	31	39	40	35	31	5
4	37	42	49	39		33	30	32	31	27		35	35	31	27	4
3	33	38	46	36	20	29	25		27	23		30	31	27	24	3
2	29	34	42	33	15	24	20	25	22	19		26	27	23	20	2
1	25		38	30	10	20	16	21	18	15				19		1
0				27		16	11	17								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	81	82	87	84	96	99	93	97	93				88	85	19	
18	78	78	81	79	92	94	89	92	88				84	81	18	
17	74	75	76	74	88	90	84	87	84				80	78	17	
16	71	71	70	68	84	86	80	83	79				76	74	16	
15	67	67	65	63	80	81	76	78	75			66	72	70	15	
14	64	64	59	58	76	77	72	73	70	64			68	66	14	
13	60	60	53	52	72	73	68	69	65		61	60	64	62	13	
12	57	57	48	47	67	68	64	64	61	56			60	58	12	
11	54	53	42	42	63	64	60	59	56		54	54	57	54	11	
10	50	49	37	36	59	60	56	54	52	49	50	51	53	50	10	
9	47	46	31	31	55	55	52	50	47	45	47	48	49	46	9	
8	43	42	26	26	51	51	48	45	43	42	44	45	45	42	8	
7	40	38	20	21	47	47	44	40	38	38	40	42	41	38	7	
6	36	35	14	15	43	42	40	36	34	34	37	39	37	34	6	
5	33	31	9	10	39	38	36	31	29	31	33	36	33	30	5	
4	29	28	3	5	35	34	32	26	25	27	30	33	29	26	4	
3	26	24	0	0	31	30	28	22	20	23	27	30	26	22	3	
2	22	20	0	0	26	25	24	17	15	20	23	27	22	18	2	
1	19	17	0	0	22	21	20	12	11	16	20	24	18	14	1	
0	16	13	0	0	18	17		7							0	

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 7-8 years
Age: 40-44 years
Race: African American

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	100	99	98	93	93	91						19
18	95	99	100	96	95	95	89	89	87	82				95	18
17	90	95	100	91	91	91	85	85			91				17
16	86	91	95	87	87	87	82	81	80		87				16
15	82	86	89	82	82	83	78	77	76	72	83	76	65	82	15
14	78	82	84	78	78	79	74	73	72	69	80		62		14
13	74	78	79	74	74	75	70	69	68	65	76	69		73	13
12	69	73	74	69	70	71	67	65	64		72	65	56	69	12
11	65	69	69	65	65	67	63	61	60	59	68	61		64	11
10	61	65	64	61	61	64	59	57	56	56	65	58	51	60	10
9	57	61	59	56	57	60	55	53		52	61	54	48	56	9
8	52	56	54	52	53	56	52	49	48	49	57	51	45	51	8
7	48	52	48	48	48	52	48	45	44		53	47	42	47	7
6	44	48	43	43	44	48	44	41	40	43	49	44	39	43	6
5	40	43	38	39	40	44	40	37	37	40	46	40	36	38	5
4	35	39	33	34	36	40	37	33	33		42	36	33	34	4
3	31	35	28	30	32	36	33	29	29	33	38	33	31	30	3
2	27	30	23	26	27	33	29	25	25		34	29	28	25	2
1	23	26	18	21	23	29	25	21		27	31	26	25	21	1
0		22	12	17				17		23	27	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	100		96		95		98		100								19
18	97	96	92	84			94		97								18
17	93	92	88	80	87		89		93	96				98	86		17
16	89	88	84	77	83	79	85		89	91		94		94	83	89	16
15	85	83	80	73	79	75	81		85	87				90	79		15
14	81	79	75	70	75	71	77		81	82		85		86	75	81	14
13	77	75	71	66	71	67	73		76	77	83	81		82	72	77	13
12	73	70	67	62	67	63	68		72	73			65	78	68	73	12
11	69	66	63	59	63	59	64	60	68	68	74	72		74	64	69	11
10	65	62	59	55	59	55	60		64	64	70	67		70	61	65	10
9	61	57	55	52	55	50	56	51	60	59	66	63	51	66	57	61	9
8	57	53	50	48	51	46	52		56	55	62	58		62	53	57	8
7	53	49	46	45	47	42	48	41	52	50	57	54	41	58	50	53	7
6	49	44	42	41	43	38	43		47	46	53	49		54	46	49	6
5	45	40	38	37	39	34	39	32	43	41	49	45	32	50	42	45	5
4	41	36	34	34	35	30	35		39	37	45	40		46	39	41	4
3	37	31	30		31	26	31	22	35	32	40	36	22	42	35		3
2	33	27	25		27	22	27	17	31	27	36	32	17	38			2
1	29	22	21		23	18	23	13	27	23	32	27	12				1
0		18				14	18	8		18	28				24	25	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 7-8 years
Age: 40-44 years
Race: African American

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		100		100		100				95	100	100	92		19
18	96	100	99				95				91	100	99	88		18
17	92	99	96		91		91			82		95		84		17
16	88	95	92			85	86	79	87			91	90	80		16
15	84	90	89		81		81	76			77					15
14	80	86	85	71	76	77	77	72	78		73	82	82	72		14
13	75	82	82		71		72	68		66		77	77	68	63	13
12	71	77	78	64	66	68	68	64	69		64	73	73		59	12
11	67	73	75	61	61	64	63	60	65	58	60	68	68	60	55	11
10	63	69	71	58	56	60	59	57	60		55	63	64	56	51	10
9	59	65	68	55	51	56	54	53	56	49	51	59	59	52	48	9
8	54	60	64	52	46	52	49	49	51		46	54	55	48	44	8
7	50	56	60	49	41	47	45	45	47	41	42	50	51	44	40	7
6	46	52	57	46		43	40	41	42	37		45	46	40	37	6
5	42	47	53	43	30	39	36	38	38	33	33	41	42	36	33	5
4	38	43	50	40		35	31	34	33	29		36	37	32	29	4
3	34	39	46	37	20	30	26		29	25		32	33	28	26	3
2	29	35	43	34	15	26	22	26	24	20		27	28	24	22	2
1	25		39	30	10	22	17	22	20	16				20		1
0				27		18	13	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	82	83	87	85	99	100	94	99	95				89	87	19	
18	79	80	82	79	94	97	90	94	90				85	83	18	
17	75	76	76	74	90	92	86	90	86				81	79	17	
16	72	72	71	69	86	88	82	85	81				77	75	16	
15	69	69	65	64	82	84	78	80	77			67	74	71	15	
14	65	65	60	58	78	79	74	76	72	65			70	67	14	
13	62	61	54	53	74	75	70	71	68		63	61	66	63	13	
12	58	58	48	48	70	71	66	66	63	58			62	59	12	
11	55	54	43	42	66	66	62	62	59		56	55	58	55	11	
10	51	51	37	37	62	62	58	57	54	51	53	52	54	51	10	
9	48	47	32	32	57	58	54	52	50	47	49	49	50	47	9	
8	44	43	26	26	53	53	50	47	45	44	46	46	46	44	8	
7	41	40	21	21	49	49	46	43	40	40	43	43	43	40	7	
6	37	36	15	16	45	45	42	38	36	36	39	40	39	36	6	
5	34	33	9	10	41	41	38	33	31	33	36	37	35	32	5	
4	31	29	4	5	37	36	34	29	27	29	32	34	31	28	4	
3	27	25	0	0	33	32	30	24	22	25	29	31	27	24	3	
2	24	22	0	0	29	28	26	19	18	22	26	28	23	20	2	
1	20	18	0	0	25	23	21	15	13	18	22	25	19	16	1	
0	17	14	0	0	21	19		10							0	

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 7-8 years
Age: 45-49 years
Race: African American

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	97		100	100	100	100	93	93	91						19
18	93	98	100	98	97	96	90	89	87	82				96	18
17	89	94	100	94	93	92	86	86			92				17
16	85	90	97	89	89	88	82	82	80		88				16
15	80	85	92	85	84	84	78	78	76	72	85	76	66	83	15
14	76	81	87	80	80	80	75	74	72	69	81		63		14
13	72	77	82	76	76	76	71	70	68	66	77	69		75	13
12	68	72	77	72	72	73	67	66	64		73	65	57	70	12
11	63	68	72	67	68	69	63	62	60	59	69	62		66	11
10	59	64	67	63	63	65	60	58	56	56	66	58	51	62	10
9	55	59	61	59	59	61	56	54		53	62	55	48	57	9
8	51	55	56	54	55	57	52	50	48	50	58	51	46	53	8
7	46	51	51	50	51	53	48	46	44		54	48	43	49	7
6	42	46	46	45	46	49	45	42	40	43	51	44	40	44	6
5	38	42	41	41	42	45	41	38	37	40	47	40	37	40	5
4	34	38	36	37	38	41	37	34	33		43	37	34	36	4
3	30	34	31	32	34	38	33	30	29	34	39	33	31	31	3
2	25	29	25	28	29	34	30	26	25		35	30	29	27	2
1	21	25	20	24	25	30	26	22		27	32	26	26	23	1
0		21	15	19				18		24	28	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	100		98		96		100		100								19
18	100	99	94	85			96		96								18
17	96	94	90	82	88		92		92	96				97	87		17
16	92	90	86	78	85	80	88		88	91		95		93	83	89	16
15	88	86	81	74	81	76	83		83	87				89	79		15
14	84	81	77	71	77	72	79		79	82		86		85	76	81	14
13	80	77	73	67	73	68	75		75	77	83	81		81	72	77	13
12	76	73	69	64	69	64	71		71	73			65	77	68	73	12
11	72	68	65	60	65	60	67	61	67	68	74	72		73	65	69	11
10	68	64	61	57	61	56	63		63	64	70	68		69	61	65	10
9	64	60	56	53	57	52	58	51	59	59	66	63	51	65	57	61	9
8	60	55	52	49	53	48	54		54	55	61	59		61	54	57	8
7	56	51	48	46	49	43	50	42	50	50	57	54	41	57	50	53	7
6	52	47	44	42	45	39	46		46	46	53	50		53	46	49	6
5	48	42	40	39	41	35	42	32	42	41	49	46	32	49	43	45	5
4	44	38	36	35	37	31	38		38	37	45	41		45	39	41	4
3	40	33	31		33	27	33	23	34	32	40	37	22	41	35		3
2	36	29	27		29	23	29	18	29	27	36	32	17	37			2
1	32	25	23		25	19	25	13	25	23	32	28	13				1
0		20				15	21	8		18	28				24	25	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 7-8 years
Age: 45-49 years
Race: African American

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		100		100		100				97	100	100	93		19
18	97	100	100				97				92	100	100	89		18
17	93	100	97		92		92			84		97		85		17
16	89	96	93			87	88	81	89			92	92	81		16
15	84	91	89		82		83	77			79					15
14	80	87	86	71	77	79	79	73	80		74	83	83	73		14
13	76	83	82		72		74	70		68		79	79	69	63	13
12	72	79	79	65	67	70	69	66	71		65	74	75		59	12
11	68	74	75	62	62	66	65	62	66	59	61	70	70	61	55	11
10	63	70	72	58	57	62	60	58	62		56	65	66	57	51	10
9	59	66	68	55	52	58	56	54	57	51	52	60	61	53	48	9
8	55	61	65	52	47	53	51	51	53		47	56	57	49	44	8
7	51	57	61	49	42	49	47	47	48	43	43	51	52	45	40	7
6	47	53	58	46		45	42	43	44	39		47	48	41	37	6
5	42	49	54	43	32	41	37	39	39	35	34	42	44	37	33	5
4	38	44	51	40		36	33	35	35	30		38	39	33	29	4
3	34	40	47	37	22	32	28		30	26		33	35	29	26	3
2	30	36	43	34	17	28	24	28	26	22		29	30	25	22	2
1	26		40	31	12	24	19	24	21	18				21		1
0				28		20	14	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	84	84	88	85	100	100	96	100	97				91	89	19
18	80	81	82	80	97	99	92	97	93				87	85	18
17	77	77	77	75	93	95	88	92	88				83	81	17
16	73	74	71	70	89	91	84	87	84				79	77	16
15	70	70	66	64	84	86	80	83	79			69	75	73	15
14	66	66	60	59	80	82	76	78	75	67			71	69	14
13	63	63	55	54	76	78	72	73	70		65	64	67	65	13
12	59	59	49	48	72	73	68	69	65	60			63	61	12
11	56	56	44	43	68	69	64	64	61		58	58	60	57	11
10	52	52	38	38	64	65	60	59	56	53	55	55	56	53	10
9	49	48	32	32	60	60	56	55	52	49	51	52	52	49	9
8	46	45	27	27	56	56	52	50	47	46	48	49	48	45	8
7	42	41	21	22	52	52	48	45	43	42	45	46	44	41	7
6	39	37	16	16	48	47	44	40	38	38	41	43	40	37	6
5	35	34	10	11	43	43	39	36	34	35	38	40	36	33	5
4	32	30	5	6	39	39	35	31	29	31	34	37	32	29	4
3	28	27	0	0	35	34	31	26	25	27	31	34	28	25	3
2	25	23	0	0	31	30	27	22	20	24	28	31	25	21	2
1	21	19	0	0	27	26	23	17	15	20	24	28	21	17	1
0	18	16	0	0	23	21		12							0

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 7-8 years
Age: 50-54 years
Race: African American

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	97		100	100	100	100	94	94	91						19
18	93	97	100	100	99	97	90	91	87	83				98	18
17	89	93	100	96	95	93	87	87			93				17
16	85	89	100	92	91	89	83	83	80		89				16
15	80	84	95	87	87	85	79	79	76	73	86	76	66	85	15
14	76	80	90	83	82	81	75	75	72	70	82		64		14
13	72	76	85	78	78	78	72	71	68	66	78	69		76	13
12	68	71	80	74	74	74	68	67	64		74	66	58	72	12
11	63	67	74	70	70	70	64	63	60	60	71	62		68	11
10	59	63	69	65	65	66	60	59	56	57	67	59	52	63	10
9	55	58	64	61	61	62	57	55		53	63	55	49	59	9
8	51	54	59	57	57	58	53	51	48	50	59	52	46	55	8
7	46	50	54	52	53	54	49	47	44		55	48	44	50	7
6	42	45	49	48	48	50	45	43	40	44	52	44	41	46	6
5	38	41	44	43	44	47	42	39	37	41	48	41	38	42	5
4	34	37	38	39	40	43	38	35	33		44	37	35	37	4
3	30	32	33	35	36	39	34	31	29	34	40	34	32	33	3
2	25	28	28	30	31	35	30	27	25		37	30	29	29	2
1	21	24	23	26	27	31	27	23		28	33	27	27	24	1
0		19	18	22				19		24	29	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		96		100		100								19
18	100	100	96	86			98		96								18
17	96	97	92	83	88		94		92	96				96	87		17
16	92	92	87	79	85	82	90		88	91		95		92	83	89	16
15	88	88	83	76	81	78	86		83	87				88	80		15
14	84	84	79	72	77	73	82		79	82		86		84	76	81	14
13	80	79	75	69	73	69	78		75	77	83	82		80	72	77	13
12	76	75	71	65	69	65	73		71	73			65	76	69	73	12
11	72	71	67	61	65	61	69	61	67	68	74	73		72	65	69	11
10	68	66	62	58	61	57	65		63	64	70	68		68	61	65	10
9	64	62	58	54	57	53	61	52	59	59	66	64	51	64	58	61	9
8	60	57	54	51	53	49	57		54	55	61	60		60	54	57	8
7	56	53	50	47	49	45	53	42	50	50	57	55	41	56	50	53	7
6	52	49	46	44	45	41	48		46	46	53	51		52	47	49	6
5	48	44	42	40	41	36	44	33	42	41	49	46	32	48	43	45	5
4	44	40	37	36	37	32	40		38	37	45	42		44	39	41	4
3	40	36	33		33	28	36	23	34	32	40	37	22	40	36		3
2	36	31	29		29	24	32	18	29	27	36	33	17	36			2
1	32	27	25		25	20	27	14	25	23	32	28	13				1
0		23				16	23	9		18	28				25	25	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 7-8 years
Age: 50-54 years
Race: African American

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		100		100		100				98	100	100	94		19
18	97	100	100				99				94	100	100	90		18
17	93	100	97		93		94			86		98		86		17
16	89	97	94			89	90	83	91			94	94	82		16
15	85	92	90		83		85	79			80					15
14	81	88	87	71	78	80	81	75	82		76	85	85	74		14
13	77	84	83		73		76	71		69		80	81	70	63	13
12	72	80	80	65	68	72	71	68	73		67	76	76		59	12
11	68	75	76	62	63	68	67	64	68	61	62	71	72	62	55	11
10	64	71	72	59	58	63	62	60	63		58	67	68	58	51	10
9	60	67	69	56	53	59	58	56	59	53	53	62	63	55	48	9
8	56	63	65	53	48	55	53	52	54		49	57	59	51	44	8
7	51	58	62	50	43	51	48	49	50	44	44	53	54	47	40	7
6	47	54	58	46		47	44	45	45	40		48	50	43	37	6
5	43	50	55	43	33	42	39	41	41	36	35	44	45	39	33	5
4	39	45	51	40		38	35	37	36	32		39	41	35	29	4
3	35	41	48	37	23	34	30		32	28		35	37	31	26	3
2	30	37	44	34	18	30	26	30	27	24		30	32	27	22	2
1	26		41	31	13	25	21	26	23	20				23		1
0				28		21	16	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	85	86	89	86	100	100	98	100	99				92	90	19	
18	81	82	83	81	99	100	94	99	95				88	86	18	
17	78	78	78	76	95	98	90	95	90				84	82	17	
16	74	75	72	70	91	93	86	90	86				80	78	16	
15	71	71	67	65	87	89	82	85	81			72	77	74	15	
14	67	68	61	60	83	85	78	80	77	70			73	70	14	
13	64	64	56	54	79	80	74	76	72		67	66	69	66	13	
12	61	60	50	49	74	76	70	71	68	62			65	62	12	
11	57	57	44	44	70	72	66	66	63		60	60	61	58	11	
10	54	53	39	38	66	67	62	62	59	55	57	57	57	55	10	
9	50	50	33	33	62	63	58	57	54	51	54	54	53	51	9	
8	47	46	28	28	58	59	53	52	49	48	50	51	49	47	8	
7	43	42	22	23	54	54	49	48	45	44	47	48	45	43	7	
6	40	39	17	17	50	50	45	43	40	40	43	45	42	39	6	
5	36	35	11	12	46	46	41	38	36	37	40	42	38	35	5	
4	33	31	5	7	42	41	37	33	31	33	37	39	34	31	4	
3	30	28	0	1	38	37	33	29	27	29	33	36	30	27	3	
2	26	24	0	0	33	33	29	24	22	26	30	33	26	23	2	
1	23	21	0	0	29	28	25	19	18	22	26	30	22	19	1	
0	19	17	0	0	25	24		15							0	

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 7-8 years
Age: 55-59 years
Race: African American

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		100	100	100	100	95	96	89						19	
18	91	96	100	100	100	98	91	92	85	83				100	18	
17	87	92	100	98	97	94	87	88			94				17	
16	83	87	100	94	93	90	84	84	77		90				16	
15	79	83	98	89	89	87	80	80	73	73	87	77	67	87	15	
14	74	79	93	85	84	83	76	76	70	70	83		64		14	
13	70	75	87	81	80	79	72	72	66	67	79	70		78	13	
12	66	70	82	76	76	75	69	68	62		75	66	59	74	12	
11	62	66	77	72	72	71	65	64	58	60	72	63		69	11	
10	58	62	72	68	67	67	61	60	54	57	68	59	53	65	10	
9	53	57	67	63	63	63	57	56		54	64	55	50	61	9	
8	49	53	62	59	59	59	54	52	46	51	60	52	47	56	8	
7	45	49	57	55	55	56	50	48	42		56	48	44	52	7	
6	41	44	52	50	51	52	46	44	38	44	53	45	42	48	6	
5	36	40	46	46	46	48	42	40	34	41	49	41	39	43	5	
4	32	36	41	41	42	44	39	36	30		45	38	36	39	4	
3	28	31	36	37	38	40	35	32	27	35	41	34	33	35	3	
2	24	27	31	33	34	36	31	28	23		38	31	30	30	2	
1	19	23	26	28	29	32	27	24		28	34	27	27	26	1	
0		18	21	24				20		25	30	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		98		100		99								19
18	100	100	98	88			100		95								18
17	96	99	93	84	90		97		90	96				95	87		17
16	92	95	89	81	86	83	93		86	91		96		91	84	89	16
15	88	90	85	77	82	79	88		82	87				87	80		15
14	84	86	81	73	78	75	84		78	82		87		83	76	81	14
13	80	82	77	70	74	71	80		74	77	83	83		79	73	77	13
12	76	77	73	66	71	66	76		70	73			65	75	69	73	12
11	72	73	68	63	67	62	72	62	65	68	74	74		71	65	69	11
10	68	68	64	59	63	58	68		61	64	70	69		67	62	65	10
9	65	64	60	56	59	54	63	52	57	59	66	65	51	63	58	61	9
8	61	60	56	52	55	50	59		53	55	61	60		59	54	57	8
7	57	55	52	48	51	46	55	43	49	50	57	56	41	55	51	53	7
6	53	51	48	45	47	42	51		45	46	53	51		51	47	49	6
5	49	47	43	41	43	38	47	33	41	41	49	47	32	47	43	45	5
4	45	42	39	38	39	34	42		36	37	45	42		43	40	41	4
3	41	38	35		35	29	38	24	32	32	40	38	22	39	36		3
2	37	34	31		31	25	34	19	28	27	36	33	17	35			2
1	33	29	27		27	21	30	14	24	23	32	29	13				1
0		25				17	26	9		18	28				25	25	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 7-8 years
Age: 55-59 years
Race: African American

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

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 7-8 years
Age: 60-64 years
Race: African American

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

(continued)

APPENDIX E (continued)

Sex: Male
Education: 7-8 years
Age: 60-64 years
Race: African American

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		100		100		100				100	100	100	97		19
18	99	100	100				100				97	100	100	93		18
17	94	100	99		97		99			89		100		89		17
16	90	99	95			92	94	87	94			97	98	85		16
15	86	95	92		87		90	83			83					15
14	82	90	88	72	82	84	85	79	85		79	88	89	77		14
13	78	86	85		77		80	75		73		83	84	73	60	13
12	74	82	81	66	72	75	76	72	76		70	79	80		56	12
11	69	78	77	62	67	71	71	68	71	64	65	74	76	65	52	11
10	65	73	74	59	62	67	67	64	67		61	70	71	61	48	10
9	61	69	70	56	57	63	62	60	62	56	56	65	67	57	45	9
8	57	65	67	53	51	59	57	56	58		52	60	62	53	41	8
7	53	60	63	50	46	54	53	53	53	48	47	56	58	49	37	7
6	48	56	60	47		50	48	49	49	44		51	53	45	34	6
5	44	52	56	44	36	46	44	45	44	40	38	47	49	41	30	5
4	40	48	53	41		42	39	41	40	35		42	45	37	26	4
3	36	43	49	38	26	37	35		35	31		38	40	33	23	3
2	32	39	46	35	21	33	30	34	31	27		33	36	29	19	2
1	27		42	32	16	29	25	30	26	23				25		1
0				29		25	21	26								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	87	88	91	89	100	100	100	100	100				95	93	19
18	84	85	86	83	100	100	98	100	99				91	89	18
17	80	81	80	78	100	100	94	99	95				87	85	17
16	77	77	75	73	96	99	90	95	90				83	81	16
15	73	74	69	67	91	94	85	90	86			78	80	77	15
14	70	70	63	62	87	90	81	85	81	75			76	73	14
13	66	67	58	57	83	86	77	81	77		72	72	72	70	13
12	63	63	52	51	79	81	73	76	72	67			68	66	12
11	60	59	47	46	75	77	69	71	68		66	66	64	62	11
10	56	56	41	41	71	73	65	66	63	60	62	63	60	58	10
9	53	52	36	35	67	68	61	62	58	56	59	60	56	54	9
8	49	49	30	30	63	64	57	57	54	53	55	57	52	50	8
7	46	45	24	25	59	60	53	52	49	49	52	54	48	46	7
6	42	41	19	19	55	55	49	48	45	46	49	51	45	42	6
5	39	38	13	14	50	51	45	43	40	42	45	48	41	38	5
4	35	34	8	9	46	47	41	38	36	38	42	45	37	34	4
3	32	30	2	4	42	42	37	34	31	35	38	42	33	30	3
2	28	27	0	0	38	38	33	29	27	31	35	39	29	26	2
1	25	23	0	0	34	34	29	24	22	27	32	36	25	22	1
0	22	20	0	0	30	29		19							0

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 7-8 years
Age: 65-69 years
Race: African American

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

(continued)

APPENDIX E (continued)

Sex: Male
Education: 7-8 years
Age: 65-69 years
Race: African American

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		100		100		100				100	100	100	98		19
18	99	100	100				100				98	100	100	94		18
17	95	100	99		98		100			91		100		90		17
16	91	100	96			94	97	89	96			98	100	86		16
15	87	96	92		88		92	85			84					15
14	83	92	89	72	83	86	88	82	87		80	89	91	78		14
13	78	87	85		78		83	78		74		85	86	74	60	13
12	74	83	82	66	73	77	78	74	77		71	80	82		56	12
11	70	79	78	63	68	73	74	70	73	66	66	76	77	66	52	11
10	66	74	75	60	63	69	69	66	68		62	71	73	62	48	10
9	62	70	71	57	58	65	65	63	64	58	58	67	69	58	45	9
8	57	66	68	54	53	60	60	59	59		53	62	64	54	41	8
7	53	62	64	50	48	56	55	55	55	50	49	57	60	50	37	7
6	49	57	60	47		52	51	51	50	45		53	55	46	34	6
5	45	53	57	44	38	48	46	47	46	41	40	48	51	42	30	5
4	41	49	53	41		43	42	44	41	37		44	46	38	26	4
3	36	44	50	38	28	39	37		37	33		39	42	34	23	3
2	32	40	46	35	22	35	33	36	32	29		35	38	30	19	2
1	28		43	32	17	31	28	32	28	25				26		1
0				29		27	23	28								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	88	90	93	90	100	100	100	100	100				97	95	19
18	85	86	87	85	100	100	99	100	100				93	91	18
17	81	82	82	79	100	100	95	100	97				89	87	17
16	78	79	76	74	98	100	91	97	93				85	83	16
15	75	75	71	69	94	97	87	92	88			80	81	79	15
14	71	71	65	63	90	92	83	88	83	78			77	75	14
13	68	68	59	58	86	88	79	83	79		75	74	73	71	13
12	64	64	54	53	82	84	75	78	74	70			69	67	12
11	61	61	48	47	77	79	71	74	70		68	68	65	63	11
10	57	57	43	42	73	75	67	69	65	63	65	65	62	59	10
9	54	53	37	37	69	71	63	64	61	59	62	62	58	55	9
8	50	50	32	32	65	66	59	59	56	56	58	59	54	51	8
7	47	46	26	26	61	62	55	55	52	52	55	56	50	47	7
6	43	43	20	21	57	58	51	50	47	48	51	53	46	43	6
5	40	39	15	16	53	53	47	45	43	45	48	50	42	39	5
4	37	35	9	10	49	49	43	41	38	41	45	47	38	36	4
3	33	32	4	5	45	45	39	36	33	37	41	44	34	32	3
2	30	28	0	0	40	41	35	31	29	34	38	41	31	28	2
1	26	24	0	0	36	36	31	27	24	30	35	38	27	24	1
0	23	21	0	0	32	32		22							0

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 7-8 years
Age: 70-74 years
Race: African American

	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	92		100	100	100	100	98	100	89						19	
18	88	93	100	100	100	100	95	97	85	85				100	18	
17	84	89	100	100	100	98	91	93			97				17	
16	80	84	100	100	99	94	87	89	77		94				16	
15	75	80	100	96	95	90	83	85	73	75	90	78	70	92	15	
14	71	76	100	92	91	86	80	81	70	72	86		67		14	
13	67	71	96	88	86	82	76	77	66	68	82	71		83	13	
12	63	67	91	83	82	79	72	73	62		79	67	61	79	12	
11	59	63	85	79	78	75	68	69	58	62	75	64		74	11	
10	54	58	80	75	74	71	64	65	54	59	71	60	55	70	10	
9	50	54	75	70	69	67	61	62		55	67	57	53	66	9	
8	46	50	70	66	65	63	57	58	46	52	63	53	50	61	8	
7	42	45	65	62	61	59	53	54	42		60	50	47	57	7	
6	37	41	60	57	57	55	49	50	38	46	56	46	44	53	6	
5	33	37	55	53	53	51	46	46	34	43	52	42	41	48	5	
4	29	32	50	48	48	48	42	42	30		48	39	38	44	4	
3	25	28	44	44	44	44	38	38	27	36	45	35	35	40	3	
2	20	24	39	40	40	40	34	34	23		41	32	33	35	2	
1	16	19	34	35	36	36	31	30		30	37	28	30	31	1	
0		15	29	31				26		26	33	25	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		96								19
18	100	100	100	91			100		92								18
17	100	100	99	88	94		100		88	96				89	88		17
16	99	100	95	84	90	87	100		84	91		98		85	85	88	16
15	95	97	91	81	86	82	96		79	87				81	81		15
14	91	93	86	77	82	78	92		75	82		89		77	77	81	14
13	87	88	82	74	78	74	88		71	77	82	84		73	74	77	13
12	83	84	78	70	74	70	83		67	73			66	69	70	73	12
11	79	80	74	67	70	66	79	63	63	68	74	75		65	66	69	11
10	75	75	70	63	66	62	75		59	64	70	71		61	63	65	10
9	71	71	66	59	62	58	71	54	55	59	66	66	51	57	59	61	9
8	67	67	61	56	58	54	67		50	55	61	62		53	55	57	8
7	63	62	57	52	54	50	62	44	46	50	57	58	42	49	52	53	7
6	59	58	53	49	50	45	58		42	46	53	53		45	48	49	6
5	55	54	49	45	46	41	54	34	38	41	49	49	32	41	44	45	5
4	51	49	45	42	43	37	50		34	37	44	44		37	41	41	4
3	47	45	41		39	33	46	25	30	32	40	40	22	33	37		3
2	43	41	36		35	29	42	20	25	27	36	35	18	29			2
1	39	36	32		31	25	37	15	21	23	32	31	13				1
0		32				21	33	11		18	28				26	25	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 7-8 years
Age: 70-74 years
Race: African American

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

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 7-8 years
Age: 75-79 years
Race: African American

	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	100	100	100	100	100	89						19	
18	87	92	100	100	100	100	96	100	85	85				100	18	
17	82	87	100	100	100	99	92	96			99				17	
16	78	83	100	100	100	95	89	92	77		95				16	
15	74	79	100	99	97	91	85	88	73	75	91	78	70	93	15	
14	70	74	100	94	93	88	81	84	70	72	87		68		14	
13	65	70	98	90	88	84	77	80	66	69	83	71		85	13	
12	61	66	93	86	84	80	74	76	62		80	68	62	80	12	
11	57	62	88	81	80	76	70	72	58	62	76	64		76	11	
10	53	57	83	77	76	72	66	68	54	59	72	61	56	72	10	
9	48	53	78	73	72	68	62	64		56	68	57	53	67	9	
8	44	49	73	68	67	64	58	60	46	53	65	53	50	63	8	
7	40	44	68	64	63	60	55	56	42		61	50	48	59	7	
6	36	40	63	59	59	57	51	52	38	46	57	46	45	54	6	
5	32	36	57	55	55	53	47	48	34	43	53	43	42	50	5	
4	27	31	52	51	50	49	43	44	30		49	39	39	46	4	
3	23	27	47	46	46	45	40	40	27	37	46	36	36	41	3	
2	19	23	42	42	42	41	36	36	23		42	32	33	37	2	
1	15	18	37	38	38	37	32	32		30	38	29	31	33	1	
0		14	32	33				28		27	34	25	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	96		100		86	96				86	89		17
16	100	100	97	86	92	88	100		82	91		98		82	85	88	16
15	98	99	92	82	88	84	98		78	87				78	81		15
14	94	95	88	78	84	80	94		74	82		89		74	78	80	14
13	90	91	84	75	80	75	90		70	77	82	85		70	74	76	13
12	86	86	80	71	76	71	86		66	73			66	66	70	72	12
11	82	82	76	68	72	67	82	64	62	68	74	76		62	67	68	11
10	78	78	72	64	68	63	77		57	64	70	71		58	63	64	10
9	74	73	67	61	64	59	73	54	53	59	66	67	51	54	59	61	9
8	70	69	63	57	60	55	69		49	55	61	63		50	56	57	8
7	66	65	59	54	56	51	65	44	45	50	57	58	42	46	52	53	7
6	62	60	55	50	52	47	61		41	46	53	54		42	48	49	6
5	58	56	51	46	48	43	57	35	37	41	49	49	32	38	45	45	5
4	54	52	47	43	44	38	52		32	37	44	45		34	41	41	4
3	50	47	42		40	34	48	25	28	32	40	40	22	30	37		3
2	46	43	38		36	30	44	21	24	27	36	36	18	26			2
1	42	39	34		32	26	40	16	20	23	32	31	13				1
0		34				22	36	11		18	28				26	25	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 7-8 years
Age: 75-79 years
Race: African American

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

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 7-8 years
Age: 80-85 years
Race: African American

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	91		100	100	100	100	100	100	89						19	
18	87	91	100	100	100	100	98	100	85	86				100	18	
17	82	86	100	100	100	100	94	99			100				17	
16	78	82	100	100	100	97	90	95	77		96				16	
15	74	78	100	100	99	93	87	91	73	76	92	79	71	95	15	
14	70	73	100	97	95	89	83	87	70	73	88		68		14	
13	65	69	100	93	91	85	79	83	66	69	85	72		87	13	
12	61	65	96	88	87	81	75	79	62		81	68	63	82	12	
11	57	60	91	84	82	77	72	75	58	63	77	65		78	11	
10	53	56	86	80	78	73	68	71	54	60	73	61	57	74	10	
9	48	52	81	75	74	69	64	67		56	69	57	54	69	9	
8	44	47	76	71	70	66	60	63	46	53	66	54	51	65	8	
7	40	43	71	66	65	62	57	59	42		62	50	49	61	7	
6	36	39	66	62	61	58	53	55	38	47	58	47	46	56	6	
5	32	34	60	58	57	54	49	51	34	44	54	43	43	52	5	
4	27	30	55	53	53	50	45	47	30		51	40	40	48	4	
3	23	26	50	49	48	46	42	43	27	37	47	36	37	43	3	
2	19	21	45	45	44	42	38	39	23		43	33	34	39	2	
1	15	17	40	40	40	38	34	35		31	39	29	31	35	1	
0		13	35	36				31		27	36	25	29		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	94			100		91								18
17	100	100	100	91	96		100		86	96				82	89		17
16	100	100	99	87	92	89	100		82	91		99		78	85	88	16
15	98	100	95	83	88	85	100		78	87				74	82		15
14	94	98	90	80	84	81	97		74	82		90		70	78	80	14
13	90	93	86	76	80	77	93		70	77	82	85		66	74	76	13
12	86	89	82	73	76	73	89		66	73			66	62	71	72	12
11	82	85	78	69	72	69	84	64	62	68	74	76		58	67	68	11
10	78	80	74	66	68	64	80		57	64	70	72		54	63	64	10
9	74	76	69	62	64	60	76	55	53	59	66	68	51	50	60	60	9
8	70	72	65	58	60	56	72		49	55	61	63		46	56	56	8
7	66	67	61	55	56	52	68	45	45	50	57	59	42	42	52	52	7
6	62	63	57	51	52	48	64		41	46	53	54		38	49	48	6
5	58	58	53	48	48	44	59	35	37	41	49	50	32	34	45	44	5
4	54	54	49	44	44	40	55		32	37	44	45		30	41	41	4
3	50	50	44		40	36	51	26	28	32	40	41	23	26	38		3
2	46	45	40		36	32	47	21	24	27	36	36	18	22			2
1	42	41	36		32	27	43	16	20	23	32	32	13				1
0		37				23	38	12		18	28				27	25	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 7-8 years
Age: 80-85 years
Race: African American

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		100		100		100				100	100	100	100		19
18	100	100	100				100				100	100	100	98		18
17	97	100	100		100		100			96		100		94		17
16	93	100	98			100	100	97	100			100	100	90		16
15	89	99	95		92		100	94			89					15
14	84	95	91	73	87	91	97	90	92		84	94	96	82		14
13	80	91	87		82		92	86		80		89	92	78	60	13
12	76	86	84	67	77	83	87	82	83		75	85	88		56	12
11	72	82	80	64	72	78	83	78	78	71	71	80	83	70	52	11
10	68	78	77	61	67	74	78	75	74		66	76	79	66	48	10
9	63	74	73	58	62	70	74	71	69	63	62	71	74	62	45	9
8	59	69	70	55	57	66	69	67	65		57	67	70	58	41	8
7	55	65	66	51	51	62	64	63	60	55	53	62	65	54	37	7
6	51	61	63	48		57	60	59	56	51		58	61	50	34	6
5	47	56	59	45	41	53	55	56	51	47	44	53	57	46	30	5
4	42	52	56	42		49	51	52	47	42		49	52	42	26	4
3	38	48	52	39	31	45	46		42	38		44	48	38	23	3
2	34	44	49	36	26	40	42	44	38	34		39	43	34	19	2
1	30		45	33	21	36	37	40	33	30				30		1
0				30		32	32	37								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	94	99	96	100	100	100	100	100				100	100	19
18	89	90	93	91	100	100	100	100	100				97	96	18
17	85	86	88	85	100	100	100	100	100				93	92	17
16	82	83	82	80	100	100	97	100	99				90	88	16
15	78	79	77	75	100	100	93	100	95			89	86	84	15
14	75	75	71	69	97	97	89	95	90	88			82	80	14
13	71	72	66	64	93	93	85	90	86		85	83	78	76	13
12	68	68	60	59	89	89	81	86	81	81			74	72	12
11	64	65	54	53	85	85	77	81	77		78	77	70	68	11
10	61	61	49	48	81	80	73	76	72	73	75	74	66	64	10
9	58	57	43	43	76	76	69	72	68	70	71	71	62	60	9
8	54	54	38	37	72	72	65	67	63	66	68	68	58	56	8
7	51	50	32	32	68	67	61	62	59	62	64	65	55	52	7
6	47	47	27	27	64	63	57	57	54	59	61	62	51	48	6
5	44	43	21	22	60	59	52	53	49	55	58	59	47	44	5
4	40	39	16	16	56	54	48	48	45	51	54	56	43	40	4
3	37	36	10	11	52	50	44	43	40	48	51	53	39	36	3
2	33	32	4	6	48	46	40	39	36	44	47	50	35	32	2
1	30	28	0	0	44	41	36	34	31	40	44	47	31	29	1
0	26	25	0	0	40	37		29							0

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 9-11 years
Age: 20-34 years
Race: African American

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

(continued)

APPENDIX E (continued)

Sex: Male
Education: 9-11 years
Age: 20-34 years
Race: African American

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		91		97		93				91	97	96	87		19
18	91	96	87				88				86	92	91	83		18
17	87	92	84		87		84			76		88		79		17
16	83	87	80			77	79	73	79			83	83	75		16
15	79	83	77		77		75	69			73					15
14	75	79	73	68	71	68	70	65	70		68	74	74	67		14
13	70	74	69		66		66	62		60		70	69	63	61	13
12	66	70	66	62	61	60	61	58	61		59	65	65		57	12
11	62	66	62	59	56	56	56	54	56	52	55	61	60	55	53	11
10	58	62	59	56	51	51	52	50	52		50	56	56	51	50	10
9	54	57	55	53	46	47	47	46	47	43	46	52	52	47	46	9
8	50	53	52	50	41	43	43	43	43		41	47	47	43	42	8
7	45	49	48	47	36	39	38	39	38	35	37	42	43	39	38	7
6	41	44	45	44		34	33	35	34	31		38	38	35	35	6
5	37	40	41	41	26	30	29	31	29	27	28	33	34	31	31	5
4	33	36	38	38		26	24	27	25	23		29	29	27	27	4
3	29	32	34	35	16	22	20		20	19		24	25	23	24	3
2	24	27	31	31	11	18	15	20	16	15		20	21	19	20	2
1	20		27	28	6	13	11	16	11	10				15		1
0				25		9	6	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	77	78	86	84	89	92	87	91	87				81	81	19	
18	74	74	81	78	85	88	83	86	83				77	77	18	
17	70	71	75	73	81	84	79	81	78				73	73	17	
16	67	67	70	68	77	79	75	77	73				69	70	16	
15	63	63	64	62	73	75	71	72	69			63	66	66	15	
14	60	60	59	57	69	71	67	67	64	60			62	62	14	
13	56	56	53	52	64	66	63	62	60		59	57	58	58	13	
12	53	53	47	46	60	62	59	58	55	52			54	54	12	
11	50	49	42	41	56	58	54	53	51		52	51	50	50	11	
10	46	45	36	36	52	53	50	48	46	45	48	48	46	46	10	
9	43	42	31	30	48	49	46	44	42	41	45	45	42	42	9	
8	39	38	25	25	44	45	42	39	37	38	42	42	38	38	8	
7	36	34	20	20	40	41	38	34	33	34	38	39	35	34	7	
6	32	31	14	14	36	36	34	30	28	30	35	36	31	30	6	
5	29	27	9	9	32	32	30	25	23	27	32	33	27	26	5	
4	25	24	3	4	27	28	26	20	19	23	28	30	23	22	4	
3	22	20	0	0	23	23	22	16	14	19	25	27	19	18	3	
2	19	16	0	0	19	19	18	11	10	16	21	24	15	14	2	
1	15	13	0	0	15	15	14	6	5	12	18	21	11	10	1	
0	12	9	0	0	11	10		1							0	

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 9-11 years
Age: 35-39 years
Race: African American

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	96	94	93	89	89	87						19
18	89	94	99	91	90	89	85	85	84	79				91	18
17	84	90	94	87	86	85	82	81			87				17
16	80	86	89	83	81	82	78	78	76		83				16
15	76	81	83	78	77	78	74	74	72	69	79	74	63	78	15
14	72	77	78	74	73	74	70	70	68	66	76		60		14
13	68	73	73	69	69	70	67	66	64	62	72	67		69	13
12	63	68	68	65	65	66	63	62	60		68	63	55	65	12
11	59	64	63	61	60	62	59	58	56	56	64	60		60	11
10	55	60	58	56	56	58	55	54	52	53	60	56	49	56	10
9	51	55	53	52	52	54	52	50		50	57	53	46	52	9
8	46	51	47	48	48	51	48	46	44	46	53	49	43	47	8
7	42	47	42	43	43	47	44	42	41		49	45	40	43	7
6	38	43	37	39	39	43	40	38	37	40	45	42	38	39	6
5	34	38	32	34	35	39	37	34	33	37	42	38	35	34	5
4	29	34	27	30	31	35	33	30	29		38	35	32	30	4
3	25	30	22	26	26	31	29	26	25	30	34	31	29	26	3
2	21	25	17	21	22	27	25	22	21		30	28	26	21	2
1	17	21	11	17	18	23	22	18		24	27	24	23	17	1
0		17	6	13				14		20	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	96		92		91		93		95								19
18	93	90	88	81			89		91								18
17	89	86	84	78	83		85		87	90				93	82		17
16	85	82	80	74	79	75	81		83	85		89		89	78	84	16
15	81	77	76	71	75	71	77		79	80				85	75		15
14	77	73	71	67	71	67	72		75	76		80		81	71	76	14
13	73	69	67	63	67	63	68		70	71	79	76		77	67	72	13
12	69	64	63	60	63	59	64		66	67			62	73	64	68	12
11	65	60	59	56	59	55	60	58	62	62	71	67		69	60	64	11
10	61	55	55	53	55	51	56		58	58	67	62		65	56	60	10
9	57	51	50	49	51	47	52	49	54	53	63	58	48	61	53	56	9
8	53	47	46	46	47	42	47		50	49	58	54		57	49	52	8
7	49	42	42	42	43	38	43	39	45	44	54	49	38	53	45	48	7
6	45	38	38	38	39	34	39		41	40	50	45		49	42	44	6
5	41	34	34	35	35	30	35	30	37	35	46	40	29	45	38	40	5
4	37	29	30	31	31	26	31		33	30	41	36		41	34	36	4
3	33	25	25		27	22	27	20	29	26	37	31	19	37	31		3
2	29	21	21		23	18	22	15	25	21	33	27	14	33			2
1	25	16	17		19	14	18	11	21	17	29	22	10				1
0		12				10	14	6		12	25				20	20	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 9-11 years
Age: 35-39 years
Race: African American

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		92		99		96				93	100	99	89		19
18	93	98	89				91				89	95	95	85		18
17	88	94	85		89		86			80		91		81		17
16	84	89	82			80	82	75	82			86	86	77		16
15	80	85	78		79		77	72			75					15
14	76	81	74	69	74	72	73	68	73		71	77	77	70		14
13	72	77	71		69		68	64		63		73	73	66	61	13
12	67	72	67	63	64	63	63	60	64		62	68	68		57	12
11	63	68	64	60	59	59	59	56	60	55	57	64	64	58	53	11
10	59	64	60	57	54	55	54	53	55		53	59	60	54	50	10
9	55	60	57	54	49	51	50	49	51	47	48	55	55	50	46	9
8	51	55	53	51	44	46	45	45	46		44	50	51	46	42	8
7	47	51	50	48	39	42	41	41	42	39	39	45	46	42	38	7
6	42	47	46	44		38	36	37	37	34		41	42	38	35	6
5	38	42	43	41	29	34	31	34	33	30	30	36	37	34	31	5
4	34	38	39	38		30	27	30	28	26		32	33	30	27	4
3	30	34	36	35	18	25	22		24	22		27	29	26	24	3
2	26	30	32	32	13	21	18	22	19	18		23	24	22	20	2
1	21		28	29	8	17	13	18	15	14				18		1
0			26			13	8	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	80	80	87	84	94	96	91	95	92				84	85	19
18	76	77	82	79	90	92	87	91	87				80	81	18
17	73	73	76	74	86	88	82	86	82				76	77	17
16	69	70	70	68	81	83	78	81	78				72	73	16
15	66	66	65	63	77	79	74	77	73			65	69	69	15
14	62	62	59	58	73	75	70	72	69	63			65	65	14
13	59	59	54	52	69	70	66	67	64		59	59	61	61	13
12	55	55	48	47	65	66	62	63	60	55			57	57	12
11	52	51	43	42	61	62	58	58	55		52	53	53	53	11
10	48	48	37	36	57	57	54	53	51	48	49	50	49	49	10
9	45	44	31	31	53	53	50	48	46	44	46	47	45	45	9
8	42	41	26	26	49	49	46	44	42	41	42	44	41	41	8
7	38	37	20	21	44	44	42	39	37	37	39	41	37	37	7
6	35	33	15	15	40	40	38	34	32	33	35	38	34	33	6
5	31	30	9	10	36	36	34	30	28	30	32	35	30	29	5
4	28	26	4	5	32	31	30	25	23	26	29	32	26	25	4
3	24	23	0	0	28	27	26	20	19	22	25	29	22	21	3
2	21	19	0	0	24	23	22	16	14	19	22	26	18	17	2
1	17	15	0	0	20	19	18	11	10	15	19	23	14	13	1
0	14	12	0	0	16	14		6							0

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 9-11 years
Age: 40-44 years
Race: African American

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	98	96	94	90	90	87						19
18	89	93	100	94	92	91	86	86	84	79				93	18
17	84	89	96	89	88	87	82	82			88				17
16	80	85	91	85	84	83	78	78	76		84				16
15	76	80	86	80	79	79	75	74	72	69	80	74	63	80	15
14	72	76	81	76	75	75	71	70	68	66	77		60		14
13	68	72	76	72	71	71	67	66	64	63	73	67		71	13
12	63	67	71	67	67	67	63	62	60		69	64	55	66	12
11	59	63	66	63	62	63	59	58	56	56	65	60		62	11
10	55	59	60	59	58	60	56	54	52	53	62	57	49	58	10
9	51	54	55	54	54	56	52	50		50	58	53	46	53	9
8	46	50	50	50	50	52	48	46	44	47	54	49	43	49	8
7	42	46	45	45	45	48	44	43	41		50	46	40	45	7
6	38	41	40	41	41	44	41	39	37	40	46	42	37	40	6
5	34	37	35	37	37	40	37	35	33	37	43	39	35	36	5
4	29	33	30	32	33	36	33	31	29		39	35	32	32	4
3	25	28	25	28	28	32	29	27	25	31	35	32	29	27	3
2	21	24	19	24	24	29	26	23	21		31	28	26	23	2
1	17	20	14	19	20	25	22	19		24	28	24	23	19	1
0		16	9	15				15		21	24	21	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 SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	96		94		91		96		95								19
18	93	93	90	83			92		91								18
17	89	88	86	79	83		87		87	90				93	82		17
16	85	84	82	75	79	77	83		83	85		90		89	79	84	16
15	81	80	77	72	75	72	79		79	80				85	75		15
14	77	75	73	68	71	68	75		75	76		81		81	71	76	14
13	73	71	69	65	67	64	71		70	71	79	76		77	68	72	13
12	69	66	65	61	63	60	67		66	67			62	73	64	68	12
11	65	62	61	58	59	56	62	59	62	62	71	67		69	60	64	11
10	61	58	56	54	55	52	58		58	58	67	63		65	57	60	10
9	57	53	52	50	51	48	54	49	54	53	63	58	48	61	53	56	9
8	53	49	48	47	47	44	50		50	49	58	54		57	49	52	8
7	49	45	44	43	43	40	46	40	45	44	54	50	38	53	46	48	7
6	45	40	40	40	39	35	42		41	40	50	45		49	42	44	6
5	41	36	36	36	35	31	37	30	37	35	46	41	29	45	38	40	5
4	37	32	31	33	31	27	33		33	30	41	36		41	35	36	4
3	33	27	27		27	23	29	21	29	26	37	32	19	37	31		3
2	29	23	23		23	19	25	16	25	21	33	27	15	33			2
1	25	19	19		19	15	21	11	21	17	29	23	10				1
0		14				11	16	6		12	25				20	20	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 9-11 years
Age: 40-44 years
Race: African American

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		93		99		97				95	100	100	91		19
18	93	99	89				93				90	97	97	87		18
17	89	95	86		89		88			82		92		83		17
16	85	91	82			82	83	77	84			88	88	79		16
15	81	86	79		79		79	73			77					15
14	76	82	75	69	74	74	74	69	75		72	79	79	71		14
13	72	78	72		69		70	65		65		74	75	67	63	13
12	68	73	68	63	64	65	65	62	66		63	70	70		59	12
11	64	69	65	60	59	61	60	58	61	57	59	65	66	59	55	11
10	60	65	61	57	54	57	56	54	57		54	61	61	55	52	10
9	55	61	57	54	49	52	51	50	52	49	50	56	57	51	48	9
8	51	56	54	51	44	48	47	46	48		45	52	53	47	44	8
7	47	52	50	48	39	44	42	43	43	40	41	47	48	43	40	7
6	43	48	47	45		40	38	39	39	36		42	44	39	37	6
5	39	43	43	42	29	36	33	35	34	32	32	38	39	35	33	5
4	35	39	40	39		31	28	31	30	28		33	35	31	29	4
3	30	35	36	35	19	27	24		25	24		29	30	27	26	3
2	26	31	33	32	14	23	19	24	21	20		24	26	23	22	2
1	22		29	29	9	19	15	20	16	16				19		1
0			26			14	10	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	81	82	88	85	96	99	92	98	94				86	86	19	
18	77	78	82	79	92	94	88	93	89				82	82	18	
17	74	74	77	74	88	90	84	88	85				78	78	17	
16	70	71	71	69	84	86	80	84	80				74	74	16	
15	67	67	65	64	80	81	76	79	76			66	70	70	15	
14	63	64	60	58	76	77	72	74	71	64			66	66	14	
13	60	60	54	53	71	73	68	70	67		62	60	62	62	13	
12	57	56	49	48	67	68	64	65	62	57			58	58	12	
11	53	53	43	42	63	64	60	60	57		55	54	55	54	11	
10	50	49	38	37	59	60	56	56	53	50	51	51	51	51	10	
9	46	46	32	32	55	55	52	51	48	46	48	48	47	47	9	
8	43	42	26	26	51	51	48	46	44	42	45	45	43	43	8	
7	39	38	21	21	47	47	44	41	39	39	41	42	39	39	7	
6	36	35	15	16	43	42	40	37	35	35	38	39	35	35	6	
5	32	31	10	10	39	38	36	32	30	31	35	36	31	31	5	
4	29	27	4	5	35	34	32	27	26	28	31	33	27	27	4	
3	26	24	0	0	30	30	28	23	21	24	28	30	23	23	3	
2	22	20	0	0	26	25	24	18	17	20	24	27	20	19	2	
1	19	17	0	0	22	21	19	13	12	17	21	24	16	15	1	
0	15	13	0	0	18	17		9							0	

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 9-11 years
Age: 45-49 years
Race: African American

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	91		100	100	98	96	90	91	87						19
18	87	92	100	96	94	92	86	87	84	80				94	18
17	83	88	99	92	90	88	83	83			89				17
16	79	84	94	87	86	84	79	79	76		85				16
15	74	79	89	83	81	80	75	75	72	70	82	75	64	81	15
14	70	75	84	78	77	76	71	71	68	67	78		61		14
13	66	71	79	74	73	72	68	67	64	63	74	68		73	13
12	62	66	73	70	69	69	64	63	60		70	64	55	68	12
11	57	62	68	65	64	65	60	59	56	57	66	60		64	11
10	53	58	63	61	60	61	56	55	52	54	63	57	50	59	10
9	49	53	58	57	56	57	53	51		50	59	53	47	55	9
8	45	49	53	52	52	53	49	47	44	47	55	50	44	51	8
7	41	45	48	48	48	49	45	43	41		51	46	41	46	7
6	36	40	43	43	43	45	41	39	37	41	48	43	38	42	6
5	32	36	38	39	39	41	38	35	33	38	44	39	35	38	5
4	28	32	32	35	35	37	34	31	29		40	36	33	33	4
3	24	27	27	30	31	34	30	28	25	31	36	32	30	29	3
2	19	23	22	26	26	30	26	24	21		32	28	27	25	2
1	15	19	17	22	22	26	22	20		25	29	25	24	20	1
0		14	12	17				16		21	25	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		96		93		98		94								19
18	96	95	92	84			94		90								18
17	92	91	88	80	85		90		86	90				93	83		17
16	88	86	83	77	81	78	86		82	85		90		89	79	83	16
15	84	82	79	73	77	74	82		77	80				85	75		15
14	80	77	75	70	73	70	77		73	76		81		81	72	76	14
13	76	73	71	66	69	65	73		69	71	79	77		77	68	72	13
12	72	69	67	62	65	61	69		65	67			62	73	64	68	12
11	68	64	63	59	61	57	65	59	61	62	71	68		69	61	64	11
10	64	60	58	55	57	53	61		57	58	67	64		65	57	60	10
9	60	56	54	52	53	49	57	50	52	53	63	59	48	61	53	56	9
8	56	51	50	48	49	45	52		48	49	58	55		57	50	52	8
7	52	47	46	45	45	41	48	40	44	44	54	50	39	53	46	48	7
6	48	43	42	41	41	37	44		40	40	50	46		49	42	44	6
5	44	38	37	37	37	33	40	31	36	35	46	41	29	45	39	40	5
4	40	34	33	34	33	28	36		32	30	41	37		41	35	36	4
3	36	30	29		29	24	31	21	28	26	37	32	19	37	31		3
2	32	25	25		25	20	27	16	23	21	33	28	15	33			2
1	28	21	21		21	16	23	12	19	17	29	23	10				1
0		17				12	19	7		12	25				20	20	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 9-11 years
Age: 45-49 years
Race: African American

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		94		100		99				96	100	100	92		19
18	94	100	90				94				92	98	99	88		18
17	90	96	86		90		90			83		94		84		17
16	85	92	83			84	85	78	86			89	90	80		16
15	81	87	79		80		80	75			78					15
14	77	83	76	70	75	75	76	71	77		74	80	81	72		14
13	73	79	72		70		71	67		67		76	77	68	63	13
12	69	75	69	64	65	67	67	63	68		65	71	72		59	12
11	64	70	65	60	60	63	62	59	63	58	60	67	68	60	55	11
10	60	66	62	57	55	58	58	56	59		56	62	63	56	52	10
9	56	62	58	54	50	54	53	52	54	50	51	58	59	52	48	9
8	52	57	55	51	45	50	48	48	50		47	53	54	48	44	8
7	48	53	51	48	40	46	44	44	45	42	42	49	50	44	40	7
6	43	49	48	45		42	39	40	41	38		44	46	40	37	6
5	39	45	44	42	30	37	35	37	36	34	33	39	41	36	33	5
4	35	40	41	39		33	30	33	32	30		35	37	32	29	4
3	31	36	37	36	20	29	25		27	25		30	32	28	26	3
2	27	32	33	33	15	25	21	25	23	21		26	28	24	22	2
1	23		30	30	10	20	16	21	18	17				20		1
0				27		16	12	17								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	82	83	88	85	98	100	94	100	96				87	88	19
18	78	79	83	80	94	97	90	96	92				83	84	18
17	75	76	77	75	90	93	86	91	87				79	80	17
16	72	72	72	70	86	88	82	86	82				75	76	16
15	68	69	66	64	82	84	78	81	78			68	72	72	15
14	65	65	61	59	78	80	74	77	73	66			68	68	14
13	61	61	55	54	74	75	70	72	69		64	62	64	64	13
12	58	58	49	48	70	71	66	67	64	59			60	60	12
11	54	54	44	43	66	67	62	63	60		57	56	56	56	11
10	51	50	38	38	62	62	58	58	55	52	53	53	52	52	10
9	47	47	33	32	57	58	54	53	51	48	50	50	48	48	9
8	44	43	27	27	53	54	50	49	46	44	47	47	44	44	8
7	41	40	22	22	49	49	46	44	41	41	43	44	40	40	7
6	37	36	16	16	45	45	42	39	37	37	40	41	37	36	6
5	34	32	11	11	41	41	37	34	32	33	36	38	33	32	5
4	30	29	5	6	37	36	33	30	28	30	33	35	29	28	4
3	27	25	0	0	33	32	29	25	23	26	30	33	25	24	3
2	23	21	0	0	29	28	25	20	19	22	26	30	21	20	2
1	20	18	0	0	25	23	21	16	14	19	23	27	17	17	1
0	16	14	0	0	20	19		11							0

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 9-11 years
Age: 50-54 years
Race: African American

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

(continued)

APPENDIX E (continued)

Sex: Male
Education: 9-11 years
Age: 50-54 years
Race: African American

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		94		100		100				97	100	100	93		19
18	94	100	91				96				93	100	100	89		18
17	90	97	87		92		92			85		95		85		17
16	86	93	84			85	87	80	87			91	92	81		16
15	82	88	80		82		82	76			79					15
14	78	84	77	70	77	77	78	73	78		75	82	83	73		14
13	73	80	73		72		73	69		68		77	78	69	63	13
12	69	76	70	64	67	69	69	65	69		66	73	74		59	12
11	65	71	66	61	61	64	64	61	65	60	62	68	70	61	55	11
10	61	67	62	58	56	60	60	57	60		57	64	65	57	52	10
9	57	63	59	55	51	56	55	54	56	52	53	59	61	53	48	9
8	52	59	55	52	46	52	50	50	51		48	55	56	49	44	8
7	48	54	52	48	41	47	46	46	47	44	44	50	52	45	40	7
6	44	50	48	45		43	41	42	42	40		45	47	41	37	6
5	40	46	45	42	31	39	37	38	38	35	35	41	43	37	33	5
4	36	41	41	39		35	32	34	33	31		36	39	33	29	4
3	32	37	38	36	21	31	27		29	27		32	34	29	26	3
2	27	33	34	33	16	26	23	27	24	23		27	30	25	22	2
1	23		31	30	11	22	18	23	20	19				21		1
0				27		18	14	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	83	84	89	86	100	100	96	100	98				89	89	19	
18	80	81	84	81	97	99	92	98	94				85	85	18	
17	76	77	78	76	93	95	88	93	89				81	81	17	
16	73	73	73	70	88	91	84	89	85				77	77	16	
15	69	70	67	65	84	87	80	84	80			71	73	73	15	
14	66	66	61	60	80	82	76	79	76	69			69	69	14	
13	62	63	56	54	76	78	72	74	71		66	65	65	65	13	
12	59	59	50	49	72	74	68	70	66	61			61	62	12	
11	56	55	45	44	68	69	64	65	62		59	59	57	58	11	
10	52	52	39	39	64	65	60	60	57	54	56	56	54	54	10	
9	49	48	34	33	60	61	56	56	53	50	52	53	50	50	9	
8	45	44	28	28	56	56	51	51	48	47	49	50	46	46	8	
7	42	41	23	23	52	52	47	46	44	43	45	47	42	42	7	
6	38	37	17	17	47	48	43	42	39	39	42	44	38	38	6	
5	35	34	11	12	43	43	39	37	35	36	39	41	34	34	5	
4	31	30	6	7	39	39	35	32	30	32	35	38	30	30	4	
3	28	26	0	1	35	35	31	27	26	28	32	35	26	26	3	
2	25	23	0	0	31	30	27	23	21	25	29	32	23	22	2	
1	21	19	0	0	27	26	23	18	16	21	25	29	19	18	1	
0	18	16	0	0	23	22		13							0	

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 9-11 years
Age: 55-59 years
Race: African American

	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	90		100	100	100	98	92	93	85						19
18	85	90	100	100	98	94	88	89	81	81				98	18
17	81	86	100	96	94	90	84	85			91				17
16	77	81	100	92	90	86	80	81	74		87				16
15	73	77	94	87	86	83	77	77	70	71	84	76	65	85	15
14	69	73	89	83	81	79	73	73	66	68	80		63		14
13	64	68	84	79	77	75	69	69	62	64	76	68		76	13
12	60	64	79	74	73	71	65	65	58		72	65	57	72	12
11	56	60	74	70	69	67	62	62	54	58	69	61		67	11
10	52	55	69	66	64	63	58	58	50	55	65	58	51	63	10
9	47	51	64	61	60	59	54	54		51	61	54	48	58	9
8	43	47	58	57	56	55	50	50	42	48	57	51	46	54	8
7	39	42	53	52	52	52	46	46	38		53	47	43	50	7
6	35	38	48	48	47	48	43	42	34	42	50	43	40	45	6
5	30	34	43	44	43	44	39	38	31	39	46	40	37	41	5
4	26	30	38	39	39	40	35	34	27		42	36	34	37	4
3	22	25	33	35	35	36	31	30	23	32	38	33	31	32	3
2	18	21	28	31	31	32	28	26	19		35	29	28	28	2
1	14	17	23	26	26	28	24	22		26	31	26	26	24	1
0		12	17	22				18		22	27	22	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		95		100		93								19
18	96	99	95	86			99		89								18
17	92	95	91	83	87		95		84	90				91	83		17
16	88	91	87	79	83	80	91		80	85		92		87	80	83	16
15	84	86	83	76	79	76	87		76	80				83	76		15
14	80	82	79	72	75	72	82		72	76		83		79	72	75	14
13	76	78	75	68	71	68	78		68	71	79	78		75	69	71	13
12	72	73	70	65	67	64	74		64	67			63	71	65	67	12
11	68	69	66	61	63	60	70	60	59	62	71	69		67	61	63	11
10	64	65	62	58	59	56	66		55	58	67	65		63	58	59	10
9	61	60	58	54	55	51	61	51	51	53	62	60	48	59	54	55	9
8	57	56	54	51	51	47	57		47	49	58	56		55	50	51	8
7	53	52	50	47	47	43	53	41	43	44	54	51	39	51	47	47	7
6	49	47	45	44	43	39	49		39	40	50	47		47	43	43	6
5	45	43	41	40	39	35	45	32	34	35	46	42	29	43	39	40	5
4	41	39	37	36	35	31	41		30	30	41	38		39	36	36	4
3	37	34	33		31	27	36	22	26	26	37	34	19	35	32		3
2	33	30	29		27	23	32	17	22	21	33	29	15	31			2
1	29	26	24		23	19	28	12	18	17	29	25	10				1
0		21				14	24	8		12	24				21	20	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 9-11 years
Age: 55-59 years
Race: African American

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		95		100		100				99	100	100	94		19
18	95	100	91				98				94	100	100	90		18
17	91	98	88		93		94			87		97		86		17
16	87	94	84			87	89	82	89			92	93	82		16
15	82	90	81		83		85	78			81					15
14	78	85	77	70	78	79	80	74	80		76	83	85	74		14
13	74	81	74		73		75	71		70		79	80	70	63	13
12	70	77	70	64	68	70	71	67	71		67	74	76		59	12
11	66	72	67	61	63	66	66	63	66	62	63	70	71	62	55	11
10	61	68	63	58	58	62	62	59	62		58	65	67	58	52	10
9	57	64	60	55	53	58	57	55	57	54	54	61	62	54	48	9
8	53	60	56	52	48	53	52	52	53		49	56	58	50	44	8
7	49	55	53	49	43	49	48	48	48	45	45	52	54	46	40	7
6	45	51	49	46		45	43	44	44	41		47	49	42	37	6
5	40	47	45	43	32	41	39	40	39	37	36	42	45	38	33	5
4	36	42	42	40		37	34	36	35	33		38	40	35	29	4
3	32	38	38	36	22	32	30		30	29		33	36	31	26	3
2	28	34	35	33	17	28	25	29	26	25		29	32	27	22	2
1	24		31	30	12	24	20	25	21	21				23		1
0				27		20	16	21								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	84	86	90	87	100	100	98	100	100				90	91	19
18	81	82	85	82	99	100	94	100	96				86	87	18
17	77	78	79	77	95	98	90	96	91				82	83	17
16	74	75	74	71	91	94	86	91	87				78	79	16
15	71	71	68	66	87	89	82	86	82			74	75	75	15
14	67	67	63	61	83	85	78	82	78	71			71	71	14
13	64	64	57	55	79	81	74	77	73		68	68	67	67	13
12	60	60	51	50	74	76	70	72	69	64			63	63	12
11	57	57	46	45	70	72	65	67	64		62	62	59	59	11
10	53	53	40	40	66	68	61	63	60	56	58	59	55	55	10
9	50	49	35	34	62	63	57	58	55	53	55	56	51	51	9
8	46	46	29	29	58	59	53	53	51	49	51	53	47	47	8
7	43	42	24	24	54	55	49	49	46	45	48	50	43	43	7
6	39	39	18	18	50	50	45	44	41	42	45	47	40	39	6
5	36	35	12	13	46	46	41	39	37	38	41	44	36	35	5
4	33	31	7	8	42	42	37	35	32	34	38	41	32	31	4
3	29	28	1	2	37	37	33	30	28	31	34	38	28	28	3
2	26	24	0	0	33	33	29	25	23	27	31	35	24	24	2
1	22	20	0	0	29	29	25	20	19	23	28	32	20	20	1
0	19	17	0	0	25	24		16							0

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 9-11 years
Age: 60-64 years
Race: African American

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		100	100	100	99	93	95	85						19
18	85	89	100	100	100	95	89	91	81	81				99	18
17	81	85	100	99	96	92	85	87			92				17
16	77	80	100	94	92	88	81	83	74		88				16
15	73	76	97	90	88	84	77	79	70	71	85	76	66	86	15
14	69	72	92	85	83	80	74	75	66	68	81		63		14
13	64	67	87	81	79	76	70	71	62	65	77	69		78	13
12	60	63	82	77	75	72	66	67	58		73	65	58	73	12
11	56	59	77	72	71	68	62	63	54	58	70	62		69	11
10	52	54	71	68	66	64	59	59	50	55	66	58	52	65	10
9	47	50	66	64	62	61	55	55		52	62	55	49	60	9
8	43	46	61	59	58	57	51	51	42	49	58	51	46	56	8
7	39	41	56	55	54	53	47	47	38		55	47	44	51	7
6	35	37	51	50	50	49	44	43	34	42	51	44	41	47	6
5	30	33	46	46	45	45	40	39	31	39	47	40	38	43	5
4	26	28	41	42	41	41	36	35	27		43	37	35	38	4
3	22	24	36	37	37	37	32	31	23	33	39	33	32	34	3
2	18	20	30	33	33	33	29	27	19		36	30	29	30	2
1	14	15	25	29	28	29	25	23		26	32	26	26	25	1
0		11	20	24				19		23	28	22	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		95		100		93								19
18	96	100	97	88			100		89								18
17	92	97	93	84	87		97		84	90				89	84		17
16	88	93	89	80	83	81	93		80	85		92		85	80	83	16
15	84	89	85	77	79	77	89		76	80				81	76		15
14	80	84	81	73	75	73	85		72	76		83		77	73	75	14
13	76	80	76	70	71	69	81		68	71	79	79		73	69	71	13
12	72	76	72	66	67	65	76		64	67			63	69	65	67	12
11	68	71	68	63	63	61	72	61	59	62	71	70		65	62	63	11
10	64	67	64	59	59	57	68		55	58	67	65		61	58	59	10
9	61	63	60	55	55	53	64	51	51	53	62	61	48	57	54	55	9
8	57	58	56	52	51	49	60		47	49	58	57		53	51	51	8
7	53	54	51	48	47	44	56	42	43	44	54	52	39	49	47	47	7
6	49	50	47	45	43	40	51		39	40	50	48		45	43	43	6
5	45	45	43	41	39	36	47	32	34	35	46	43	29	41	40	39	5
4	41	41	39	38	35	32	43		30	30	41	39		37	36	35	4
3	37	37	35		31	28	39	22	26	26	37	34	20	33	32		3
2	33	32	30		27	24	35	18	22	21	33	30	15	29			2
1	29	28	26		23	20	31	13	18	17	29	25	10				1
0		24				16	26	8		12	24				21	20	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 9-11 years
Age: 60-64 years
Race: African American

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		96		100		100				100	100	100	95		19
18	96	100	92				100				96	100	100	91		18
17	91	99	89		95		96			88		98		87		17
16	87	95	85			89	91	84	91			94	95	83		16
15	83	91	82		85		87	80			82					15
14	79	86	78	71	80	81	82	77	82		78	85	86	75		14
13	75	82	74		75		78	73		72		80	82	72	60	13
12	70	78	71	64	70	72	73	69	73		69	76	78		56	12
11	66	74	67	61	65	68	69	65	68	64	64	71	73	64	52	11
10	62	69	64	58	60	64	64	61	64		60	67	69	60	49	10
9	58	65	60	55	55	59	59	58	59	55	55	62	64	56	45	9
8	54	61	57	52	50	55	55	54	55		51	58	60	52	41	8
7	49	56	53	49	45	51	50	50	50	47	46	53	55	48	37	7
6	45	52	50	46		47	46	46	46	43		49	51	44	34	6
5	41	48	46	43	35	43	41	42	41	39	37	44	47	40	30	5
4	37	44	43	40		38	36	39	37	35		39	42	36	26	4
3	33	39	39	37	25	34	32		32	31		35	38	32	23	3
2	28	35	36	34	20	30	27	31	28	26		30	33	28	19	2
1	24		32	31	15	26	23	27	23	22				24		1
0				27		21	18	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	86	87	92	89	100	100	100	100	100				92	92	19	
18	82	83	86	83	100	100	96	100	98				88	88	18	
17	79	80	81	78	97	100	92	98	94				84	84	17	
16	75	76	75	73	93	96	88	93	89				80	80	16	
15	72	72	69	67	89	92	83	89	85			76	76	77	15	
14	68	69	64	62	85	87	79	84	80	74			72	73	14	
13	65	65	58	57	81	83	75	79	75		71	70	68	69	13	
12	61	62	53	51	77	79	71	75	71	66			64	65	12	
11	58	58	47	46	73	75	67	70	66		64	64	60	61	11	
10	54	54	42	41	69	70	63	65	62	59	61	62	57	57	10	
9	51	51	36	35	64	66	59	60	57	55	58	59	53	53	9	
8	48	47	30	30	60	62	55	56	53	52	54	56	49	49	8	
7	44	43	25	25	56	57	51	51	48	48	51	53	45	45	7	
6	41	40	19	19	52	53	47	46	44	44	47	50	41	41	6	
5	37	36	14	14	48	49	43	42	39	41	44	47	37	37	5	
4	34	33	8	9	44	44	39	37	35	37	41	44	33	33	4	
3	30	29	3	4	40	40	35	32	30	33	37	41	29	29	3	
2	27	25	0	0	36	36	31	28	25	30	34	38	26	25	2	
1	23	22	0	0	32	31	27	23	21	26	30	35	22	21	1	
0	20	18	0	0	27	27		18							0	

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 9-11 years
Age: 65-69 years
Race: African American

	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		100	100	100	100	94	97	85						19	
18	84	88	100	100	100	97	90	93	81	82				100	18	
17	80	83	100	100	98	93	86	89			93				17	
16	75	79	100	97	94	89	82	85	74		90				16	
15	71	75	100	92	90	85	79	81	70	72	86	76	67	88	15	
14	67	71	95	88	85	81	75	77	66	69	82		64		14	
13	63	66	90	83	81	77	71	73	62	65	78	69		79	13	
12	58	62	84	79	77	73	67	69	58		74	66	59	75	12	
11	54	58	79	75	73	69	64	65	54	59	71	62		71	11	
10	50	53	74	70	69	66	60	61	50	56	67	58	53	66	10	
9	46	49	69	66	64	62	56	57		52	63	55	50	62	9	
8	42	45	64	62	60	58	52	53	42	49	59	51	47	57	8	
7	37	40	59	57	56	54	49	49	38		56	48	44	53	7	
6	33	36	54	53	52	50	45	45	34	43	52	44	41	49	6	
5	29	32	49	48	47	46	41	41	31	40	48	41	39	44	5	
4	25	27	43	44	43	42	37	37	27		44	37	36	40	4	
3	20	23	38	40	39	38	34	33	23	33	40	34	33	36	3	
2	16	19	33	35	35	35	30	29	19		37	30	30	31	2	
1	12	14	28	31	30	31	26	25		27	33	26	27	27	1	
0		10	23	27				21		23	29	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		97		100		91								19
18	99	100	99	89			100		87								18
17	95	100	95	85	89		100		83	90				87	84		17
16	91	95	91	82	85	83	96		79	85		93		83	80	83	16
15	87	91	87	78	81	78	92		75	80				79	77		15
14	83	87	82	75	77	74	87		71	76		84		75	73	75	14
13	80	82	78	71	73	70	83		66	71	79	79		71	69	71	13
12	76	78	74	67	69	66	79		62	67			63	67	66	67	12
11	72	74	70	64	65	62	75	61	58	62	71	70		63	62	63	11
10	68	69	66	60	61	58	71		54	58	67	66		59	58	59	10
9	64	65	62	57	57	54	66	52	50	53	62	62	48	55	55	55	9
8	60	61	57	53	53	50	62		46	49	58	57		51	51	51	8
7	56	56	53	50	49	46	58	42	41	44	54	53	39	47	47	47	7
6	52	52	49	46	45	42	54		37	40	50	48		43	44	43	6
5	48	48	45	42	41	37	50	33	33	35	46	44	29	39	40	39	5
4	44	43	41	39	37	33	46		29	30	41	39		35	36	35	4
3	40	39	37		33	29	41	23	25	26	37	35	20	31	33		3
2	36	35	32		29	25	37	18	21	21	33	30	15	27			2
1	32	30	28		25	21	33	13	17	17	29	26	10				1
0		26				17	29	9	12	24					22	19	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 9-11 years
Age: 65-69 years
Race: African American

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		96		100		100				100	100	100	97		19
18	96	100	93				100				97	100	100	93		18
17	92	100	89		96		99			90		100		89		17
16	88	96	86			91	94	87	92			95	97	85		16
15	84	92	82		86		89	83			84					15
14	79	88	79	71	81	82	85	79	83		79	86	88	77		14
13	75	83	75		76		80	75		74		82	84	73	60	13
12	71	79	72	65	71	74	76	71	74		70	77	79		56	12
11	67	75	68	62	66	70	71	67	70	65	66	73	75	65	52	11
10	63	70	65	59	61	65	66	64	65		61	68	71	61	49	10
9	58	66	61	56	56	61	62	60	61	57	57	64	66	57	45	9
8	54	62	58	52	51	57	57	56	56		52	59	62	53	41	8
7	50	58	54	49	46	53	53	52	52	49	48	55	57	49	37	7
6	46	53	50	46		49	48	48	47	45		50	53	45	34	6
5	42	49	47	43	36	44	44	45	43	41	39	45	48	41	30	5
4	37	45	43	40		40	39	41	38	36		41	44	37	26	4
3	33	40	40	37	26	36	34		34	32		36	40	33	23	3
2	29	36	36	34	21	32	30	33	29	28		32	35	29	19	2
1	25		33	31	16	27	25	29	25	24				25		1
0				28		23	21	26								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	87	88	93	90	100	100	100	100	100				93	94	19
18	83	85	88	85	100	100	97	100	100				89	90	18
17	80	81	82	79	100	100	93	100	96				85	86	17
16	76	77	76	74	96	99	89	96	91				81	82	16
15	73	74	71	69	91	94	85	91	87			79	77	78	15
14	69	70	65	63	87	90	81	86	82	77			74	74	14
13	66	66	60	58	83	86	77	82	78		74	73	70	70	13
12	63	63	54	53	79	81	73	77	73	69			66	66	12
11	59	59	49	47	75	77	69	72	69		67	67	62	62	11
10	56	56	43	42	71	73	65	68	64	62	64	64	58	58	10
9	52	52	37	37	67	68	61	63	60	58	60	61	54	54	9
8	49	48	32	32	63	64	57	58	55	55	57	58	50	50	8
7	45	45	26	26	59	60	53	53	50	51	54	55	46	46	7
6	42	41	21	21	54	55	49	49	46	47	50	52	43	43	6
5	38	37	15	16	50	51	45	44	41	44	47	49	39	39	5
4	35	34	10	10	46	47	41	39	37	40	43	46	35	35	4
3	32	30	4	5	42	42	37	35	32	36	40	43	31	31	3
2	28	27	0	0	38	38	33	30	28	33	37	40	27	27	2
1	25	23	0	0	34	34	29	25	23	29	33	37	23	23	1
0	21	19	0	0	30	29		21							0

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 9-11 years
Age: 70-74 years
Race: African American

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	100	95	99	85						19
18	82	87	100	100	100	98	91	95	81	82				100	18
17	78	82	100	100	100	94	87	91			94				17
16	74	78	100	99	96	90	84	87	74		91				16
15	69	74	100	94	92	86	80	83	70	72	87	77	68	90	15
14	65	69	98	90	88	82	76	79	66	69	83		65		14
13	61	65	92	86	83	78	72	75	62	66	79	70		81	13
12	57	61	87	81	79	75	69	71	58		76	66	59	77	12
11	53	56	82	77	75	71	65	67	54	59	72	62		72	11
10	48	52	77	73	71	67	61	63	50	56	68	59	54	68	10
9	44	48	72	68	66	63	57	59		53	64	55	51	64	9
8	40	44	67	64	62	59	54	55	42	50	60	52	48	59	8
7	36	39	62	60	58	55	50	51	38		57	48	45	55	7
6	31	35	56	55	54	51	46	47	34	43	53	45	42	50	6
5	27	31	51	51	49	47	42	43	31	40	49	41	39	46	5
4	23	26	46	46	45	44	39	39	27		45	37	37	42	4
3	19	22	41	42	41	40	35	35	23	34	42	34	34	37	3
2	14	18	36	38	37	36	31	31	19		38	30	31	33	2
1	10	13	31	33	33	32	27	27		27	34	27	28	29	1
0		9	26	29				23		24	30	23	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		100		90								19
18	100	100	100	90			100		86								18
17	99	100	97	87	91		100		82	90				84	84		17
16	95	98	93	83	87	84	98		78	85		93		80	81	83	16
15	91	93	88	79	83	80	94		73	80				76	77		15
14	87	89	84	76	79	76	90		69	76		84		72	73	75	14
13	83	85	80	72	75	71	86		65	71	79	80		68	70	71	13
12	79	80	76	69	71	67	81		61	67			63	64	66	67	12
11	75	76	72	65	67	63	77	62	57	62	71	71		60	62	63	11
10	71	72	68	62	63	59	73		53	58	67	67		56	59	59	10
9	67	67	63	58	59	55	69	52	48	53	62	62	48	52	55	55	9
8	63	63	59	54	55	51	65		44	49	58	58		48	51	51	8
7	59	59	55	51	51	47	61	43	40	44	54	53	39	44	48	47	7
6	55	54	51	47	47	43	56		36	40	50	49		40	44	43	6
5	51	50	47	44	43	39	52	33	32	35	46	44	29	36	40	39	5
4	47	46	43	40	39	35	48		28	30	41	40		32	37	35	4
3	43	41	38		35	30	44	23	24	26	37	35	20	28	33		3
2	39	37	34		31	26	40	19	19	21	33	31	15	24			2
1	35	32	30		27	22	36	14	15	17	29	26	10				1
0		28				18	31	9		12	24				22	19	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 9-11 years
Age: 70-74 years
Race: African American

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		97		100		100				100	100	100	98		19
18	97	100	94				100				99	100	100	94		18
17	92	100	90		98		100			92		100		90		17
16	88	97	87			93	97	89	94			97	99	86		16
15	84	93	83		88		92	85			85					15
14	80	89	79	71	83	84	88	81	85		81	88	90	78		14
13	76	84	76		77		83	78		75		83	86	74	60	13
12	72	80	72	65	72	76	78	74	76		72	79	81		56	12
11	67	76	69	62	67	71	74	70	71	67	67	74	77	66	52	11
10	63	71	65	59	62	67	69	66	67		63	70	72	62	49	10
9	59	67	62	56	57	63	65	62	62	59	58	65	68	58	45	9
8	55	63	58	53	52	59	60	59	58		54	61	64	54	41	8
7	51	59	55	50	47	55	55	55	53	50	49	56	59	50	37	7
6	46	54	51	47		50	51	51	49	46		52	55	46	34	6
5	42	50	48	44	37	46	46	47	44	42	40	47	50	42	30	5
4	38	46	44	40		42	42	43	40	38		42	46	38	26	4
3	34	42	41	37	27	38	37		35	34		38	41	34	23	3
2	30	37	37	34	22	33	33	36	31	30		33	37	30	19	2
1	25		33	31	17	29	28	32	26	26				26		1
0				28		25	23	28								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	88	89	95	92	100	100	100	100	100				95	95	19
18	84	86	89	86	100	100	99	100	100				91	91	18
17	81	82	84	81	100	100	95	100	98				87	88	17
16	78	79	78	76	98	100	91	98	94				83	84	16
15	74	75	73	70	94	96	87	93	89			82	79	80	15
14	71	71	67	65	90	92	83	89	85	80			75	76	14
13	67	68	61	60	86	88	79	84	80		77	76	71	72	13
12	64	64	56	54	81	83	75	79	75	72			67	68	12
11	60	60	50	49	77	79	71	75	71		70	70	63	64	11
10	57	57	45	44	73	75	67	70	66	65	67	67	60	60	10
9	53	53	39	39	69	70	63	65	62	61	63	64	56	56	9
8	50	50	34	33	65	66	59	61	57	58	60	61	52	52	8
7	47	46	28	28	61	62	55	56	53	54	57	58	48	48	7
6	43	42	23	23	57	58	51	51	48	50	53	55	44	44	6
5	40	39	17	17	53	53	47	46	44	47	50	52	40	40	5
4	36	35	11	12	49	49	43	42	39	43	46	49	36	36	4
3	33	32	6	7	44	45	39	37	35	39	43	46	32	32	3
2	29	28	0	1	40	40	34	32	30	36	40	43	29	28	2
1	26	24	0	0	36	36	30	28	25	32	36	40	25	24	1
0	22	21	0	0	32	32		23							0

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 9-11 years
Age: 75-79 years
Race: African American

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	100	100	100	96	100	85						19	
18	81	86	100	100	100	99	93	97	81	83				100	18	
17	76	81	100	100	100	95	89	93			95				17	
16	72	77	100	100	98	91	85	89	74		92				16	
15	68	73	100	97	94	87	81	85	70	73	88	77	69	91	15	
14	64	68	100	92	90	84	78	81	66	70	84		66		14	
13	59	64	95	88	85	80	74	77	62	66	80	70		83	13	
12	55	60	90	84	81	76	70	73	58		77	66	60	78	12	
11	51	55	85	79	77	72	66	69	54	60	73	63		74	11	
10	47	51	80	75	73	68	63	65	50	57	69	59	54	70	10	
9	42	47	75	71	68	64	59	61		53	65	56	52	65	9	
8	38	42	69	66	64	60	55	57	42	50	61	52	49	61	8	
7	34	38	64	62	60	56	51	53	38		58	49	46	56	7	
6	30	34	59	57	56	53	48	49	34	44	54	45	43	52	6	
5	26	29	54	53	52	49	44	46	31	41	50	41	40	48	5	
4	21	25	49	49	47	45	40	42	27		46	38	37	43	4	
3	17	21	44	44	43	41	36	38	23	34	43	34	35	39	3	
2	13	16	39	40	39	37	33	34	19		39	31	32	35	2	
1	9	12	34	36	35	33	29	30		28	35	27	29	30	1	
0		8	28	31				26		24	31	24	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 SCR N	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	100		100		100		100		89								19
18	100	100	100	91			100		85								18
17	100	100	99	88	93		100		80	90				81	85		17
16	98	100	94	84	89	85	100		76	85		94		77	81	83	16
15	94	96	90	81	85	81	96		72	80				73	77		15
14	90	91	86	77	81	77	92		68	76		85		69	74	75	14
13	86	87	82	74	77	73	88		64	71	79	81		65	70	71	13
12	82	83	78	70	73	69	84		60	67			63	61	66	67	12
11	78	78	74	66	69	64	80	62	55	62	71	72		57	63	63	11
10	74	74	69	63	65	60	76		51	58	67	67		53	59	59	10
9	70	70	65	59	61	56	71	53	47	53	62	63	48	49	55	55	9
8	66	65	61	56	57	52	67		43	49	58	58		45	52	51	8
7	62	61	57	52	53	48	63	43	39	44	54	54	39	41	48	47	7
6	58	57	53	49	49	44	59		35	40	50	49		37	44	43	6
5	54	52	49	45	45	40	55	33	31	35	45	45	29	33	41	39	5
4	50	48	44	41	41	36	51		26	30	41	40		29	37	35	4
3	46	43	40		37	32	46	24	22	26	37	36	20	25	33		3
2	42	39	36		33	28	42	19	18	21	33	31	15	21			2
1	38	35	32		29	23	38	14	14	17	29	27	10				1
0		30				19	34	10		12	24				22	19	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 9-11 years
Age: 75-79 years
Race: African American

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

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 9-11 years
Age: 80-85 years
Race: African American

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	100	100	100	98	100	85						19	
18	81	84	100	100	100	100	95	100	81	83				100	18	
17	76	80	100	100	100	97	91	96			97				17	
16	72	76	100	100	100	93	87	92	74		93				16	
15	68	71	100	99	96	89	83	88	70	73	89	78	70	93	15	
14	64	67	100	95	92	85	80	84	66	70	85		67		14	
13	59	63	98	91	88	81	76	80	62	67	82	70		84	13	
12	55	58	93	86	83	77	72	76	58		78	67	61	80	12	
11	51	54	88	82	79	73	68	72	54	60	74	63		76	11	
10	47	50	83	78	75	69	65	68	50	57	70	60	55	71	10	
9	42	46	78	73	71	66	61	64		54	66	56	53	67	9	
8	38	41	72	69	67	62	57	60	42	51	63	53	50	63	8	
7	34	37	67	64	62	58	53	56	38		59	49	47	58	7	
6	30	33	62	60	58	54	50	52	34	44	55	45	44	54	6	
5	26	28	57	56	54	50	46	48	31	41	51	42	41	50	5	
4	21	24	52	51	50	46	42	45	27		48	38	38	45	4	
3	17	20	47	47	45	42	38	41	23	35	44	35	35	41	3	
2	13	15	42	43	41	38	34	37	19		40	31	33	37	2	
1	9	11	37	38	37	34	31	33		28	36	28	30	32	1	
0		7	31	34				29		25	32	24	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		89								19
18	100	100	100	93			100		85								18
17	100	100	100	89	93		100		80	90				77	85		17
16	98	100	96	86	89	86	100		76	85		94		73	81	83	16
15	94	98	92	82	85	82	99		72	80				69	78		15
14	90	94	88	79	81	78	95		68	76		86		65	74	75	14
13	86	89	84	75	77	74	91		64	71	79	81		61	70	71	13
12	82	85	80	71	73	70	87		60	67			63	57	67	67	12
11	78	81	76	68	69	66	82	63	55	62	71	72		53	63	63	11
10	74	76	71	64	65	62	78		51	58	67	68		49	59	59	10
9	70	72	67	61	61	58	74	53	47	53	62	63	49	45	56	55	9
8	66	68	63	57	57	54	70		43	49	58	59		41	52	51	8
7	62	63	59	54	53	49	66	43	39	44	54	54	39	37	48	47	7
6	58	59	55	50	49	45	62		35	40	50	50		33	45	43	6
5	54	55	51	46	45	41	57	34	31	35	45	45	29	29	41	39	5
4	50	50	46	43	41	37	53		26	30	41	41		25	37	35	4
3	46	46	42		37	33	49	24	22	26	37	36	20	21	34		3
2	42	42	38		33	29	45	20	18	21	33	32	15	17			2
1	38	37	34		29	25	41	15	14	17	29	28	10				1
0		33				21	37	10		12	24				23	19	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 9-11 years
Age: 80-85 years
Race: African American

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		99		100		100				100	100	100	100		19
18	98	100	95				100				100	100	100	96		18
17	94	100	92		100		100			95		100		92		17
16	90	99	88			96	100	95	97			100	100	88		16
15	85	95	85		90		98	91			88					15
14	81	91	81	72	85	88	94	87	88		84	91	94	80		14
13	77	87	77		80		89	83		79		86	90	76	60	13
12	73	82	74	66	75	79	85	80	79		75	82	85		56	12
11	69	78	70	63	70	75	80	76	75	71	70	77	81	68	52	11
10	64	74	67	60	65	71	76	72	70		66	73	76	64	49	10
9	60	70	63	56	60	67	71	68	66	62	61	68	72	60	45	9
8	56	65	60	53	55	62	66	64	61		57	64	67	57	41	8
7	52	61	56	50	50	58	62	61	57	54	52	59	63	53	37	7
6	48	57	53	47		54	57	57	52	50		55	59	49	34	6
5	43	52	49	44	40	50	53	53	48	46	43	50	54	45	30	5
4	39	48	46	41		46	48	49	43	42		46	50	41	26	4
3	35	44	42	38	30	41	43		39	38		41	45	37	23	3
2	31	40	39	35	25	37	39	42	34	33		37	41	33	19	2
1	27		35	32	20	33	34	38	30	29				29		1
0			29			29	30	34								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	90	92	99	96	100	100	100	100	100				98	99	19
18	87	89	94	91	100	100	100	100	100				94	95	18
17	84	85	88	85	100	100	99	100	100				90	91	17
16	80	81	83	80	100	100	95	100	98				86	87	16
15	77	78	77	75	99	99	91	98	94			88	82	83	15
14	73	74	72	69	95	95	87	94	89	87			78	79	14
13	70	70	66	64	90	91	83	89	85		83	82	74	75	13
12	66	67	60	59	86	86	79	84	80	80			70	71	12
11	63	63	55	53	82	82	75	80	76		77	76	67	67	11
10	59	60	49	48	78	78	71	75	71	72	73	73	63	63	10
9	56	56	44	43	74	73	67	70	66	69	70	70	59	59	9
8	53	52	38	37	70	69	63	66	62	65	66	67	55	55	8
7	49	49	33	32	66	65	59	61	57	61	63	64	51	51	7
6	46	45	27	27	62	61	55	56	53	58	60	61	47	47	6
5	42	41	21	22	58	56	50	51	48	54	56	58	43	43	5
4	39	38	16	16	54	52	46	47	44	50	53	55	39	39	4
3	35	34	10	11	49	48	42	42	39	47	50	52	36	36	3
2	32	31	5	6	45	43	38	37	35	43	46	49	32	32	2
1	28	27	0	0	41	39	34	33	30	39	43	46	28	28	1
0	25	23	0	0	37	35		28							0

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 12 years
Age: 20-34 years
Race: African American

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		96	89	88	88	86	86	82						19
18	84	92	91	85	83	84	82	83	78	76				86	18
17	80	87	85	81	79	80	78	79			82				17
16	76	83	80	76	75	76	75	75	71		79				16
15	72	79	75	72	71	72	71	71	67	66	75	72	59	73	15
14	67	74	70	67	66	68	67	67	63	63	71		56		14
13	63	70	65	63	62	64	63	63	59	59	67	65		64	13
12	59	66	60	59	58	60	60	59	55		63	61	51	60	12
11	55	61	55	54	54	57	56	55	51	53	60	58		55	11
10	51	57	50	50	49	53	52	51	47	50	56	54	45	51	10
9	46	53	44	46	45	49	48	47		47	52	51	42	47	9
8	42	48	39	41	41	45	45	43	39	43	48	47	39	42	8
7	38	44	34	37	37	41	41	39	35		45	44	36	38	7
6	34	40	29	33	32	37	37	35	31	37	41	40	34	34	6
5	29	35	24	28	28	33	33	31	28	34	37	36	31	29	5
4	25	31	19	24	24	29	30	27	24		33	33	28	25	4
3	21	27	14	19	20	26	26	23	20	27	29	29	25	21	3
2	17	23	8	15	16	22	22	19	16		26	26	22	16	2
1	12	18	3	11	11	18	18	15		21	22	22	19	12	1
0		14	0	6				11		17	18	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	88		87		86		87		91								19
18	84	83	83	78			83		86								18
17	80	78	78	74	78		79		82	85				89	78		17
16	76	74	74	71	74	71	74		78	80		86		85	74	79	16
15	72	70	70	67	70	67	70		74	76				81	71		15
14	68	65	66	63	66	62	66		70	71		77		77	67	72	14
13	64	61	62	60	62	58	62		66	67	77	73		73	63	68	13
12	61	57	58	56	58	54	58		62	62			60	69	60	64	12
11	57	52	53	53	54	50	53	56	57	57	69	64		65	56	60	11
10	53	48	49	49	50	46	49		53	53	64	60		61	52	56	10
9	49	44	45	46	46	42	45	47	49	48	60	55	46	57	49	52	9
8	45	39	41	42	42	38	41		45	44	56	51		53	45	48	8
7	41	35	37	38	38	34	37	37	41	39	52	46	36	49	41	44	7
6	37	30	32	35	34	30	33		37	35	47	42		45	38	40	6
5	33	26	28	31	30	26	28	28	32	30	43	37	27	41	34	36	5
4	29	22	24	28	26	21	24		28	26	39	33		37	30	32	4
3	25	17	20		22	17	20	18	24	21	35	28	17	33	27		3
2	21	13	16		18	13	16	13	20	17	30	24	12	29			2
1	17	9	12		14	9	12	8	16	12	26	19	7				1
0		4				5	8	4		7	22				16	16	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 12 years
Age: 20-34 years
Race: African American

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		95		91				90	95	94	86		19
18	89	93	82				86				85	90	89	82		18
17	85	88	79		85		82			76		85		78		17
16	80	84	75			74	77	71	76			81	81	74		16
15	76	80	72		75		73	67			72					15
14	72	76	68	68	70	66	68	63	67		67	72	72	66		14
13	68	71	65		65		63	60		59		67	67	62	60	13
12	64	67	61	61	60	57	59	56	58		58	63	63		56	12
11	60	63	57	58	55	53	54	52	54	51	54	58	58	54	52	11
10	55	58	54	55	50	49	50	48	49		49	54	54	50	49	10
9	51	54	50	52	45	44	45	44	45	43	45	49	50	46	45	9
8	47	50	47	49	40	40	40	41	40		40	45	45	42	41	8
7	43	46	43	46	35	36	36	37	36	35	36	40	41	38	37	7
6	39	41	40	43		32	31	33	31	30		36	36	34	34	6
5	34	37	36	40	25	28	27	29	27	26	27	31	32	30	30	5
4	30	33	33	37		23	22	25	22	22		27	27	26	26	4
3	26	28	29	34	15	19	18		18	18		22	23	22	23	3
2	22	24	26	31	10	15	13	18	13	14		17	19	18	19	2
1	18		22	28	5	11	8	14	9	10				14		1
0			24			6	4	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	76	77	87	84	87	90	85	90	86				80	81	19
18	72	73	81	78	83	86	81	85	82				76	77	18
17	69	69	76	73	79	82	77	80	77				72	73	17
16	66	66	70	68	75	77	73	76	73				68	69	16
15	62	62	64	62	71	73	69	71	68			61	64	65	15
14	59	59	59	57	67	69	65	66	63	59			60	61	14
13	55	55	53	52	62	65	61	61	59		59	55	56	57	13
12	52	51	48	46	58	60	57	57	54	51			53	53	12
11	48	48	42	41	54	56	53	52	50		52	49	49	49	11
10	45	44	37	36	50	52	49	47	45	44	48	46	45	45	10
9	41	41	31	30	46	47	45	43	41	40	45	43	41	41	9
8	38	37	25	25	42	43	41	38	36	37	42	40	37	37	8
7	34	33	20	20	38	39	37	33	32	33	38	37	33	33	7
6	31	30	14	15	34	34	33	29	27	29	35	34	29	29	6
5	28	26	9	9	30	30	29	24	22	26	31	31	25	25	5
4	24	22	3	4	26	26	25	19	18	22	28	28	21	21	4
3	21	19	0	0	21	21	20	14	13	18	25	25	18	17	3
2	17	15	0	0	17	17	16	10	9	15	21	22	14	13	2
1	14	12	0	0	13	13	12	5	4	11	18	19	10	10	1
0	10	8	0	0	9	8		0							0

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 12 years
Age: 35-39 years
Race: African American

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

(continued)

APPENDIX E (continued)

Sex: Male
Education: 12 years
Age: 35-39 years
Race: African American

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

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 12 years
Age: 40-44 years
Race: African American

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		100	96	94	91	87	88	82						19
18	83	88	99	92	90	87	83	84	78	77				91	18
17	78	84	94	88	85	83	79	80			86				17
16	74	80	89	83	81	80	76	76	71		82				16
15	70	75	83	79	77	76	72	72	67	67	78	73	61	78	15
14	66	71	78	74	73	72	68	68	63	64	74		58		14
13	62	67	73	70	68	68	64	64	59	61	70	66		69	13
12	57	62	68	66	64	64	61	60	55		67	63	52	65	12
11	53	58	63	61	60	60	57	56	51	54	63	59		60	11
10	49	54	58	57	56	56	53	52	47	51	59	55	46	56	10
9	45	49	53	53	51	52	49	48		48	55	52	44	52	9
8	40	45	48	48	47	49	46	44	39	45	52	48	41	47	8
7	36	41	42	44	43	45	42	40	35		48	45	38	43	7
6	32	37	37	40	39	41	38	37	31	38	44	41	35	39	6
5	28	32	32	35	35	37	34	33	28	35	40	38	32	34	5
4	23	28	27	31	30	33	31	29	24		36	34	29	30	4
3	19	24	22	26	26	29	27	25	20	29	33	30	27	26	3
2	15	19	17	22	22	25	23	21	16		29	27	24	21	2
1	11	15	12	18	18	21	19	17		22	25	23	21	17	1
0		11	6	13				13		19	21	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	91		92		87		94		89								19
18	87	93	88	80			90		85								18
17	83	88	84	77	79		86		81	85				89	79		17
16	80	84	80	73	75	74	82		77	80		86		85	75	79	16
15	76	80	76	70	71	70	78		73	76				81	72		15
14	72	75	71	66	67	66	73		68	71		77		77	68	71	14
13	68	71	67	63	63	62	69		64	67	77	73		73	64	67	13
12	64	67	63	59	59	58	65		60	62			60	69	61	63	12
11	60	62	59	55	55	54	61	58	56	57	68	64		65	57	59	11
10	56	58	55	52	51	50	57		52	53	64	59		61	53	55	10
9	52	53	51	48	47	46	53	48	48	48	60	55	46	57	50	51	9
8	48	49	46	45	43	42	48		44	44	56	51		53	46	47	8
7	44	45	42	41	39	37	44	38	39	39	52	46	36	49	42	43	7
6	40	40	38	38	35	33	40		35	35	47	42		45	39	39	6
5	36	36	34	34	31	29	36	29	31	30	43	37	27	41	35	35	5
4	32	32	30	31	27	25	32		27	26	39	33		37	31	31	4
3	28	27	26		23	21	27	19	23	21	35	28	17	33	28		3
2	24	23	21		19	17	23	15	19	17	30	24	12	29			2
1	20	19	17		15	13	19	10	14	12	26	19	8				1
0		14				9	15	5		7	22				17	16	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 12 years
Age: 40-44 years
Race: African American

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		97		95				94	99	99	90		19
18	91	96	84				90				90	95	95	86		18
17	86	92	81		87		86			81		90		82		17
16	82	87	77			79	81	75	81			85	86	78		16
15	78	83	74		77		77	71			76					15
14	74	79	70	69	72	71	72	67	72		72	76	77	70		14
13	70	75	67		67		67	63		64		72	73	66	60	13
12	66	70	63	62	62	62	63	59	63		63	67	68		56	12
11	61	66	60	59	57	58	58	56	59	56	58	63	64	58	52	11
10	57	62	56	56	52	54	54	52	54		54	58	59	54	49	10
9	53	57	53	53	47	50	49	48	50	48	49	54	55	50	45	9
8	49	53	49	50	42	46	45	44	45		45	49	51	46	41	8
7	45	49	45	47	37	41	40	40	41	40	40	45	46	42	37	7
6	40	45	42	44		37	35	37	36	36		40	42	38	34	6
5	36	40	38	41	26	33	31	33	32	31	31	36	37	34	30	5
4	32	36	35	38		29	26	29	27	27		31	33	30	26	4
3	28	32	31	35	16	24	22		23	23		27	28	26	23	3
2	24	27	28	32	11	20	17	21	18	19		22	24	22	19	2
1	19		24	28	6	16	12	18	14	15				18		1
0				25		12	8	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	79	81	88	85	94	97	91	97	93				84	85	19	
18	76	77	82	79	90	92	87	92	88				80	81	18	
17	73	73	77	74	86	88	83	87	84				76	77	17	
16	69	70	71	69	82	84	79	83	79				73	73	16	
15	66	66	66	64	78	79	75	78	75			65	69	70	15	
14	62	62	60	58	74	75	71	73	70	63			65	66	14	
13	59	59	55	53	70	71	66	69	66		61	59	61	62	13	
12	55	55	49	48	65	66	62	64	61	56			57	58	12	
11	52	52	43	42	61	62	58	59	56		54	53	53	54	11	
10	48	48	38	37	57	58	54	55	52	49	50	50	49	50	10	
9	45	44	32	32	53	53	50	50	47	45	47	47	45	46	9	
8	42	41	27	26	49	49	46	45	43	41	44	44	41	42	8	
7	38	37	21	21	45	45	42	40	38	38	40	41	38	38	7	
6	35	34	16	16	41	41	38	36	34	34	37	38	34	34	6	
5	31	30	10	10	37	36	34	31	29	30	34	35	30	30	5	
4	28	26	5	5	33	32	30	26	25	27	30	32	26	26	4	
3	24	23	0	0	28	28	26	22	20	23	27	29	22	22	3	
2	21	19	0	0	24	23	22	17	16	19	23	26	18	18	2	
1	17	15	0	0	20	19	18	12	11	16	20	23	14	14	1	
0	14	12	0	0	16	15		8							0	

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 12 years
Age: 45-49 years
Race: African American

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	99	96	92	87	89	82						19
18	81	87	100	94	92	89	84	85	78	78				92	18
17	77	83	96	90	87	85	80	81			87				17
16	73	79	91	86	83	81	76	77	71		83				16
15	68	74	86	81	79	77	72	73	67	68	79	74	61	79	15
14	64	70	81	77	75	73	69	69	63	65	75		59		14
13	60	66	76	72	70	69	65	65	59	61	72	67		71	13
12	56	61	71	68	66	65	61	61	55		68	63	53	66	12
11	51	57	66	64	62	61	57	57	51	55	64	59		62	11
10	47	53	61	59	58	58	54	53	47	52	60	56	47	58	10
9	43	48	55	55	54	54	50	49		49	56	52	44	53	9
8	39	44	50	51	49	50	46	45	39	45	53	49	42	49	8
7	35	40	45	46	45	46	42	41	35		49	45	39	45	7
6	30	35	40	42	41	42	39	37	31	39	45	42	36	40	6
5	26	31	35	37	37	38	35	33	28	36	41	38	33	36	5
4	22	27	30	33	32	34	31	29	24		38	34	30	32	4
3	18	22	25	29	28	30	27	25	20	29	34	31	27	27	3
2	13	18	19	24	24	27	24	22	16		30	27	24	23	2
1	9	14	14	20	20	23	20	18		23	26	24	22	19	1
0		9	9	16				14		19	22	20	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	95		94		89		97		88								19
18	91	95	90	82			93		84								18
17	87	91	86	78	81		88		80	85				89	79		17
16	83	86	82	75	77	76	84		75	80		87		85	76	79	16
15	79	82	77	71	73	71	80		71	76				81	72		15
14	75	78	73	67	69	67	76		67	71		78		77	68	71	14
13	71	73	69	64	65	63	72		63	67	77	73		73	65	67	13
12	67	69	65	60	61	59	68		59	62			60	69	61	63	12
11	63	64	61	57	57	55	63	58	55	57	68	65		65	57	59	11
10	59	60	57	53	53	51	59		51	53	64	60		61	54	55	10
9	55	56	52	50	49	47	55	49	46	48	60	56	46	57	50	51	9
8	51	51	48	46	45	43	51		42	44	56	51		53	46	47	8
7	47	47	44	42	41	39	47	39	38	39	52	47	36	49	43	43	7
6	43	43	40	39	37	35	42		34	35	47	42		45	39	39	6
5	39	38	36	35	33	30	38	29	30	30	43	38	27	41	35	35	5
4	35	34	32	32	29	26	34		26	26	39	33		37	32	31	4
3	31	30	27		25	22	30	20	21	21	35	29	17	33	28		3
2	27	25	23		21	18	26	15	17	17	30	24	12	29			2
1	23	21	19		17	14	22	10	13	12	26	20	8				1
0		17				10	17	6		7	22				17	15	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 12 years
Age: 45-49 years
Race: African American

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		98		97				95	100	100	91		19
18	91	97	85				92				91	96	97	87		18
17	87	93	82		88		87			83		92		83		17
16	83	88	78			81	83	76	83			87	88	79		16
15	79	84	74		78		78	72			77					15
14	74	80	71	69	73	73	74	69	74		73	78	79	71		14
13	70	76	67		68		69	65		66		73	75	67	60	13
12	66	71	64	63	63	64	65	61	65		64	69	70		56	12
11	62	67	60	60	58	60	60	57	61	58	60	64	66	59	52	11
10	58	63	57	56	53	56	55	53	56		55	60	61	55	49	10
9	54	59	53	53	48	52	51	50	52	50	51	55	57	51	45	9
8	49	54	50	50	43	47	46	46	47		46	51	52	47	41	8
7	45	50	46	47	38	43	42	42	43	41	42	46	48	43	37	7
6	41	46	43	44		39	37	38	38	37		42	44	39	34	6
5	37	41	39	41	28	35	32	34	33	33	33	37	39	35	30	5
4	33	37	36	38		30	28	31	29	29		33	35	31	26	4
3	28	33	32	35	18	26	23		24	25		28	30	27	23	3
2	24	29	28	32	13	22	19	23	20	21		24	26	23	19	2
1	20		25	29	8	18	14	19	15	17				19		1
0			26			14	10	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	81	82	89	85	97	99	93	99	95				86	87	19	
18	77	78	83	80	92	95	89	95	91				82	83	18	
17	74	75	78	75	88	91	85	90	86				78	79	17	
16	70	71	72	70	84	86	80	85	81				74	75	16	
15	67	67	66	64	80	82	76	80	77			68	70	71	15	
14	63	64	61	59	76	78	72	76	72	65			66	67	14	
13	60	60	55	54	72	73	68	71	68		63	62	62	63	13	
12	57	57	50	48	68	69	64	66	63	58			58	59	12	
11	53	53	44	43	64	65	60	62	59		56	56	55	55	11	
10	50	49	39	38	60	60	56	57	54	51	52	53	51	51	10	
9	46	46	33	32	55	56	52	52	50	47	49	50	47	47	9	
8	43	42	27	27	51	52	48	48	45	43	46	47	43	43	8	
7	39	38	22	22	47	47	44	43	41	40	42	44	39	39	7	
6	36	35	16	16	43	43	40	38	36	36	39	41	35	36	6	
5	32	31	11	11	39	39	36	33	31	32	35	38	31	32	5	
4	29	28	5	6	35	34	32	29	27	29	32	35	27	28	4	
3	25	24	0	0	31	30	28	24	22	25	29	32	24	24	3	
2	22	20	0	0	27	26	24	19	18	21	25	29	20	20	2	
1	19	17	0	0	23	21	20	15	13	18	22	26	16	16	1	
0	15	13	0	0	19	17		10							0	

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 12 years
Age: 50-54 years
Race: African American

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	100	98	94	88	90	82						19
18	81	86	100	97	94	90	84	86	78	78				94	18
17	77	82	99	92	89	86	81	82			88				17
16	73	78	94	88	85	82	77	78	71		84				16
15	68	73	89	84	81	78	73	74	67	68	80	74	62	81	15
14	64	69	84	79	77	74	69	70	63	65	76		59		14
13	60	65	79	75	73	70	66	66	59	62	73	67		72	13
12	56	60	74	70	68	67	62	62	55		69	63	54	68	12
11	51	56	68	66	64	63	58	58	51	55	65	60		64	11
10	47	52	63	62	60	59	54	54	47	52	61	56	48	59	10
9	43	47	58	57	56	55	51	50		49	57	53	45	55	9
8	39	43	53	53	51	51	47	46	39	46	54	49	42	51	8
7	35	39	48	49	47	47	43	42	35		50	46	40	46	7
6	30	34	43	44	43	43	39	38	31	39	46	42	37	42	6
5	26	30	38	40	39	39	35	34	28	36	42	38	34	38	5
4	22	26	32	35	34	36	32	30	24		39	35	31	33	4
3	18	21	27	31	30	32	28	27	20	30	35	31	28	29	3
2	13	17	22	27	26	28	24	23	16		31	28	25	25	2
1	9	13	17	22	22	24	20	19		23	27	24	22	20	1
0		8	12	18				15		20	24	21	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 SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	95		96		89		99		88								19
18	91	97	92	83			95		84								18
17	87	93	88	79	81		91		80	85				88	80		17
16	83	88	83	76	77	77	87		75	80		87		84	76	79	16
15	79	84	79	72	73	73	83		71	76				80	72		15
14	75	80	75	69	69	69	78		67	71		79		76	69	71	14
13	71	75	71	65	65	64	74		63	67	77	74		72	65	67	13
12	67	71	67	62	61	60	70		59	62			60	68	61	63	12
11	63	67	63	58	57	56	66	59	55	57	68	65		64	58	59	11
10	59	62	58	54	53	52	62		51	53	64	61		60	54	55	10
9	55	58	54	51	49	48	58	49	46	48	60	56	46	56	50	51	9
8	51	54	50	47	45	44	53		42	44	56	52		52	47	47	8
7	47	49	46	44	41	40	49	39	38	39	51	47	36	48	43	43	7
6	43	45	42	40	37	36	45		34	35	47	43		44	39	39	6
5	39	41	38	37	33	32	41	30	30	30	43	38	27	40	36	35	5
4	35	36	33	33	29	28	37		26	26	39	34		36	32	31	4
3	31	32	29		25	23	32	20	21	21	35	29	17	32	28		3
2	27	28	25		21	19	28	16	17	17	30	25	12	28			2
1	23	23	21		17	15	24	11	13	12	26	21	8				1
0		19				11	20	6		7	22				17	15	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 12 years
Age: 50-54 years
Race: African American

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		99		99				97	100	100	92		19
18	92	98	86				94				92	98	99	88		18
17	88	94	82		89		89			84		93		84		17
16	83	90	79			83	85	78	85			88	90	80		16
15	79	85	75		79		80	74			79					15
14	75	81	72	69	74	74	76	70	76		74	79	81	72		14
13	71	77	68		69		71	67		68		75	76	68	60	13
12	67	72	65	63	64	66	67	63	67		65	70	72		56	12
11	62	68	61	60	59	62	62	59	62	60	61	66	68	60	52	11
10	58	64	57	57	54	57	57	55	58		56	61	63	56	49	10
9	54	60	54	54	49	53	53	51	53	51	52	57	59	52	45	9
8	50	55	50	51	44	49	48	48	49		47	52	54	48	41	8
7	46	51	47	48	39	45	44	44	44	43	43	48	50	44	37	7
6	42	47	43	44		41	39	40	40	39		43	45	40	34	6
5	37	42	40	41	29	36	34	36	35	35	34	39	41	36	30	5
4	33	38	36	38		32	30	32	31	31		34	37	32	26	4
3	29	34	33	35	19	28	25		26	27		30	32	28	23	3
2	25	30	29	32	14	24	21	25	22	22		25	28	24	19	2
1	21		26	29	9	19	16	21	17	18				20		1
0			26			15	12	17								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	82	83	90	86	99	100	94	100	97				87	88	19	
18	78	80	84	81	95	98	90	97	93				83	85	18	
17	75	76	78	76	91	93	86	92	88				79	81	17	
16	72	72	73	70	87	89	82	88	84				76	77	16	
15	68	69	67	65	82	85	78	83	79			70	72	73	15	
14	65	65	62	60	78	80	74	78	75	68			68	69	14	
13	61	61	56	54	74	76	70	73	70		65	64	64	65	13	
12	58	58	51	49	70	72	66	69	66	60			60	61	12	
11	54	54	45	44	66	67	62	64	61		58	58	56	57	11	
10	51	51	40	39	62	63	58	59	56	53	55	55	52	53	10	
9	47	47	34	33	58	59	54	55	52	49	51	52	48	49	9	
8	44	43	28	28	54	54	50	50	47	46	48	49	44	45	8	
7	40	40	23	23	50	50	46	45	43	42	44	46	41	41	7	
6	37	36	17	17	45	46	42	41	38	38	41	43	37	37	6	
5	34	32	12	12	41	41	38	36	34	35	38	40	33	33	5	
4	30	29	6	7	37	37	34	31	29	31	34	37	29	29	4	
3	27	25	1	1	33	33	30	26	25	27	31	34	25	25	3	
2	23	22	0	0	29	28	26	22	20	24	28	31	21	21	2	
1	20	18	0	0	25	24	22	17	16	20	24	28	17	17	1	
0	16	14	0	0	21	20		12							0	

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 12 years
Age: 55-59 years
Race: African American

	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	100	100	95	89	91	83						19	
18	79	85	100	99	96	91	85	87	79	79				96	18	
17	75	81	100	95	92	87	81	83			89				17	
16	71	76	97	90	87	83	78	79	71		85				16	
15	67	72	92	86	83	79	74	75	67	69	81	74	63	83	15	
14	63	68	87	81	79	76	70	71	63	66	77		60		14	
13	58	63	81	77	75	72	66	67	60	62	74	67		74	13	
12	54	59	76	73	70	68	63	63	56		70	64	55	70	12	
11	50	55	71	68	66	64	59	60	52	56	66	60		65	11	
10	46	51	66	64	62	60	55	56	48	53	62	57	49	61	10	
9	41	46	61	60	58	56	51	52		50	59	53	46	57	9	
8	37	42	56	55	53	52	48	48	40	46	55	49	43	52	8	
7	33	38	51	51	49	48	44	44	36		51	46	40	48	7	
6	29	33	46	47	45	44	40	40	32	40	47	42	37	44	6	
5	24	29	40	42	41	41	36	36	28	37	43	39	35	39	5	
4	20	25	35	38	37	37	33	32	24		40	35	32	35	4	
3	16	20	30	33	32	33	29	28	20	30	36	32	29	31	3	
2	12	16	25	29	28	29	25	24	16		32	28	26	26	2	
1	8	12	20	25	24	25	21	20		24	28	25	23	22	1	
0		7	15	20				16		20	25	21	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	98		98		92		100		87								19
18	94	96	94	84			98		82								18
17	90	92	89	81	84		93		78	85				87	80		17
16	86	88	85	77	80	78	89		74	80		88		83	76	79	16
15	82	83	81	74	76	74	85		70	76				79	73		15
14	78	79	77	70	72	70	81		66	71		79		75	69	71	14
13	74	75	73	66	68	66	77		62	67	77	75		71	65	67	13
12	70	70	69	63	64	62	73		58	62			60	67	62	63	12
11	66	66	64	59	60	57	68	59	53	57	68	66		63	58	59	11
10	62	62	60	56	56	53	64		49	53	64	61		59	54	55	10
9	58	57	56	52	52	49	60	49	45	48	60	57	46	55	51	51	9
8	54	53	52	49	48	45	56		41	44	56	52		51	47	47	8
7	50	49	48	45	44	41	52	40	37	39	51	48	36	47	43	43	7
6	46	44	44	41	40	37	47		33	35	47	43		43	40	39	6
5	42	40	39	38	36	33	43	30	28	30	43	39	27	39	36	35	5
4	38	36	35	34	32	29	39		24	26	39	35		35	32	31	4
3	34	31	31		28	25	35	21	20	21	35	30	17	31	29		3
2	30	27	27		24	21	31	16	16	17	30	26	13	27			2
1	26	23	23		20	16	27	11	12	12	26	21	8				1
0		18				12	22	6		7	22				18	15	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 12 years
Age: 55-59 years
Race: African American

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		100		100				98	100	100	93		19
18	92	99	87				96				94	99	100	89		18
17	88	95	83		91		92			86		95		85		17
16	84	91	79			85	87	80	86			90	92	81		16
15	80	86	76		81		82	76			80					15
14	76	82	72	69	76	76	78	72	77		76	81	83	73		14
13	71	78	69		70		73	69		70		76	78	69	60	13
12	67	74	65	63	65	68	69	65	68		67	72	74		56	12
11	63	69	62	60	60	63	64	61	64	61	62	67	69	61	52	11
10	59	65	58	57	55	59	59	57	59		58	63	65	57	49	10
9	55	61	55	54	50	55	55	53	55	53	53	58	61	53	45	9
8	51	56	51	51	45	51	50	50	50		49	54	56	49	41	8
7	46	52	48	48	40	47	46	46	46	45	44	49	52	45	37	7
6	42	48	44	45		42	41	42	41	41		45	47	41	34	6
5	38	44	41	42	30	38	37	38	37	37	35	40	43	37	30	5
4	34	39	37	39		34	32	34	32	32		36	38	33	26	4
3	30	35	33	36	20	30	27		28	28		31	34	29	23	3
2	25	31	30	32	15	25	23	27	23	24		27	30	26	19	2
1	21		26	29	10	21	18	23	19	20				22		1
0			26			17	14	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	83	84	91	87	100	100	96	100	100				89	90	19
18	80	81	85	82	97	100	92	99	95				85	86	18
17	76	77	80	77	93	96	88	95	90				81	82	17
16	73	74	74	71	89	92	84	90	86				77	78	16
15	69	70	68	66	85	87	80	85	81			73	73	74	15
14	66	66	63	61	81	83	76	81	77	70			69	70	14
13	62	63	57	55	77	79	72	76	72		67	67	65	66	13
12	59	59	52	50	72	74	68	71	68	63			61	62	12
11	55	55	46	45	68	70	64	66	63		61	61	58	58	11
10	52	52	41	40	64	66	60	62	59	55	57	58	54	54	10
9	49	48	35	34	60	61	56	57	54	52	54	55	50	51	9
8	45	45	29	29	56	57	52	52	50	48	50	52	46	47	8
7	42	41	24	24	52	53	48	48	45	44	47	49	42	43	7
6	38	37	18	18	48	48	44	43	40	41	44	46	38	39	6
5	35	34	13	13	44	44	40	38	36	37	40	43	34	35	5
4	31	30	7	8	40	40	35	34	31	33	37	40	30	31	4
3	28	27	2	2	36	35	31	29	27	30	33	37	27	27	3
2	24	23	0	0	31	31	27	24	22	26	30	34	23	23	2
1	21	19	0	0	27	27	23	19	18	22	27	31	19	19	1
0	18	16	0	0	23	23		15							0

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 12 years
Age: 60-64 years
Race: African American

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		100	100	100	96	90	93	83						19
18	79	84	100	100	98	92	86	89	79	79				97	18
17	75	80	100	97	94	88	82	85			90				17
16	71	75	100	93	89	84	79	81	71		86				16
15	67	71	94	88	85	81	75	77	67	69	82	75	64	84	15
14	63	67	89	84	81	77	71	73	63	66	79		61		14
13	58	62	84	79	77	73	67	69	60	63	75	68		76	13
12	54	58	79	75	72	69	64	65	56		71	64	55	71	12
11	50	54	74	71	68	65	60	61	52	56	67	61		67	11
10	46	49	69	66	64	61	56	57	48	53	63	57	50	63	10
9	41	45	64	62	60	57	52	53		50	60	53	47	58	9
8	37	41	59	58	56	53	49	49	40	47	56	50	44	54	8
7	33	36	53	53	51	50	45	45	36		52	46	41	50	7
6	29	32	48	49	47	46	41	41	32	40	48	43	38	45	6
5	24	28	43	44	43	42	37	37	28	37	45	39	35	41	5
4	20	24	38	40	39	38	33	33	24		41	36	33	37	4
3	16	19	33	36	34	34	30	29	20	31	37	32	30	32	3
2	12	15	28	31	30	30	26	25	16		33	28	27	28	2
1	8	11	23	27	26	26	22	21		24	29	25	24	24	1
0		6	17	23				17		21	26	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	98		100		92		100		87								19
18	94	99	95	86			100		82								18
17	90	94	91	82	84		96		78	85				85	80		17
16	86	90	87	78	80	79	92		74	80		89		81	77	79	16
15	82	86	83	75	76	75	88		70	76				77	73		15
14	78	81	79	71	72	71	83		66	71		80		73	69	71	14
13	74	77	75	68	68	67	79		62	67	77	75		69	66	67	13
12	70	73	70	64	64	63	75		58	62			60	65	62	63	12
11	66	68	66	61	60	59	71	59	53	57	68	66		61	58	59	11
10	62	64	62	57	56	55	67		49	53	64	62		57	55	55	10
9	58	60	58	53	52	50	62	50	45	48	60	57	46	53	51	51	9
8	54	55	54	50	48	46	58		41	44	56	53		49	47	47	8
7	50	51	50	46	44	42	54	40	37	39	51	49	37	45	44	43	7
6	46	47	45	43	40	38	50		33	35	47	44		41	40	39	6
5	42	42	41	39	36	34	46	31	28	30	43	40	27	37	36	35	5
4	38	38	37	36	32	30	42		24	26	39	35		33	33	31	4
3	34	34	33		28	26	37	21	20	21	35	31	17	29	29		3
2	30	29	29		24	22	33	17	16	17	30	26	13	25			2
1	26	25	25		20	18	29	12	12	12	26	22	8				1
0		20				14	25	7		7	22				18	15	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 12 years
Age: 60-64 years
Race: African American

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		91		100		100				100	100	100	94		19
18	93	100	87				98				95	100	100	90		18
17	89	96	84		94		94			88		96		86		17
16	85	92	80			86	89	82	88			92	93	82		16
15	80	87	77		84		85	78			82					15
14	76	83	73	70	79	78	80	74	79		77	82	84	74		14
13	72	79	70		74		76	71		71		78	80	70	60	13
12	68	75	66	64	69	69	71	67	70		68	73	76		56	12
11	64	70	62	61	64	65	66	63	66	63	64	69	71	63	52	11
10	59	66	59	57	59	61	62	59	61		59	64	67	59	49	10
9	55	62	55	54	54	57	57	55	57	55	55	60	62	55	45	9
8	51	58	52	51	49	53	53	52	52		50	55	58	51	41	8
7	47	53	48	48	43	48	48	48	47	46	46	51	54	47	37	7
6	43	49	45	45		44	43	44	43	42		46	49	43	34	6
5	39	45	41	42	33	40	39	40	38	38	37	42	45	39	30	5
4	34	40	38	39		36	34	36	34	34		37	40	35	26	4
3	30	36	34	36	23	31	30		29	30		33	36	31	23	3
2	26	32	31	33	18	27	25	29	25	26		28	31	27	19	2
1	22		27	30	13	23	21	25	20	22				23		1
0				27		19	16	21								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	84	86	92	89	100	100	98	100	100				90	92	19	
18	81	82	86	83	99	100	94	100	97				86	88	18	
17	77	78	81	78	95	99	90	97	93				82	84	17	
16	74	75	75	73	91	94	86	92	88				78	80	16	
15	70	71	70	67	87	90	82	88	84			76	75	76	15	
14	67	68	64	62	83	86	78	83	79	73			71	72	14	
13	64	64	59	57	79	81	74	78	75		70	70	67	68	13	
12	60	60	53	51	75	77	70	74	70	65			63	64	12	
11	57	57	47	46	71	73	66	69	65		63	64	59	60	11	
10	53	53	42	41	67	68	62	64	61	58	60	61	55	56	10	
9	50	50	36	35	62	64	58	59	56	54	56	58	51	52	9	
8	46	46	31	30	58	60	54	55	52	51	53	55	47	48	8	
7	43	42	25	25	54	55	49	50	47	47	50	52	44	44	7	
6	39	39	20	20	50	51	45	45	43	43	46	49	40	40	6	
5	36	35	14	14	46	47	41	41	38	40	43	46	36	36	5	
4	33	31	8	9	42	42	37	36	34	36	40	43	32	32	4	
3	29	28	3	4	38	38	33	31	29	32	36	40	28	28	3	
2	26	24	0	0	34	34	29	27	25	29	33	37	24	24	2	
1	22	21	0	0	30	29	25	22	20	25	29	34	20	20	1	
0	19	17	0	0	26	25		17							0	

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 12 years
Age: 65-69 years
Race: African American

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	100	100	97	91	94	83						19
18	78	83	100	100	100	93	87	91	79	80				99	18
17	74	79	100	99	96	90	83	87			91				17
16	69	74	100	95	92	86	80	83	71		87				16
15	65	70	97	91	87	82	76	79	67	70	83	75	65	86	15
14	61	66	92	86	83	78	72	75	63	67	80		62		14
13	57	61	87	82	79	74	68	71	60	63	76	68		77	13
12	52	57	82	77	75	70	65	67	56		72	65	56	73	12
11	48	53	77	73	70	66	61	63	52	57	68	61		69	11
10	44	48	72	69	66	62	57	59	48	54	64	57	50	64	10
9	40	44	66	64	62	59	53	55		50	61	54	48	60	9
8	36	40	61	60	58	55	50	51	40	47	57	50	45	56	8
7	31	35	56	56	53	51	46	47	36		53	47	42	51	7
6	27	31	51	51	49	47	42	43	32	41	49	43	39	47	6
5	23	27	46	47	45	43	38	39	28	38	46	40	36	43	5
4	19	22	41	42	41	39	35	35	24		42	36	33	38	4
3	14	18	36	38	36	35	31	31	20	31	38	32	31	34	3
2	10	14	30	34	32	31	27	27	16		34	29	28	30	2
1	6	9	25	29	28	28	23	23		25	30	25	25	25	1
0		5	20	25				19		21	27	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 SCR N	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	100		100		94		100		85								19
18	97	100	97	87			100		81								18
17	93	97	93	83	86		98		77	85				83	81		17
16	89	92	89	80	82	80	94		73	80		89		79	77	79	16
15	85	88	85	76	78	76	90		69	76				75	73		15
14	81	84	81	73	74	72	86		65	71		80		71	70	71	14
13	77	79	76	69	70	68	82		60	67	77	76		67	66	67	13
12	73	75	72	65	66	64	77		56	62			61	63	62	63	12
11	69	71	68	62	62	60	73	60	52	57	68	67		59	59	59	11
10	65	66	64	58	58	56	69		48	53	64	63		55	55	55	10
9	61	62	60	55	54	52	65	50	44	48	60	58	46	51	51	51	9
8	57	58	56	51	50	48	61		40	44	56	54		47	48	47	8
7	53	53	51	48	46	43	57	41	35	39	51	49	37	43	44	43	7
6	49	49	47	44	42	39	52		31	35	47	45		39	40	39	6
5	45	45	43	40	38	35	48	31	27	30	43	40	27	35	37	35	5
4	41	40	39	37	34	31	44		23	26	39	36		31	33	31	4
3	37	36	35		30	27	40	22	19	21	35	31	17	27	29		3
2	33	31	31		26	23	36	17	15	17	30	27	13	23			2
1	29	27	26		22	19	32	12	10	12	26	22	8				1
0		23				15	27	7		7	22				19	15	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 12 years
Age: 65-69 years
Race: African American

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		91		100		100				100	100	100	96		19
18	94	100	88				100				97	100	100	92		18
17	89	97	84		95		96			89		98		88		17
16	85	93	81			88	92	84	90			93	95	84		16
15	81	89	77		85		87	81			83					15
14	77	84	74	70	80	80	83	77	81		79	84	86	76		14
13	73	80	70		75		78	73		73		79	82	72	60	13
12	68	76	67	64	70	71	73	69	72		70	75	77		56	12
11	64	71	63	61	65	67	69	65	67	65	65	70	73	64	52	11
10	60	67	60	58	60	63	64	62	63		61	66	69	60	49	10
9	56	63	56	55	55	59	60	58	58	56	56	61	64	56	45	9
8	52	59	53	52	50	54	55	54	54		52	57	60	52	41	8
7	47	54	49	48	45	50	51	50	49	48	47	52	55	48	37	7
6	43	50	46	45		46	46	46	45	44		48	51	44	34	6
5	39	46	42	42	35	42	41	43	40	40	38	43	46	40	30	5
4	35	41	38	39		37	37	39	36	36		39	42	36	26	4
3	31	37	35	36	25	33	32		31	32		34	38	32	23	3
2	27	33	31	33	20	29	28	31	27	28		30	33	28	19	2
1	22		28	30	14	25	23	27	22	23				24		1
0				27		21	18	24								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	85	87	93	90	100	100	100	100	100				92	93	19	
18	82	83	88	85	100	100	96	100	100				88	89	18	
17	79	80	82	79	98	100	92	99	95				84	85	17	
16	75	76	77	74	94	97	88	95	90				80	81	16	
15	72	73	71	69	89	92	84	90	86			78	76	77	15	
14	68	69	66	63	85	88	80	85	81	76			72	73	14	
13	65	65	60	58	81	84	76	81	77		73	72	68	69	13	
12	61	62	54	53	77	79	72	76	72	68			64	66	12	
11	58	58	49	47	73	75	68	71	68		66	66	61	62	11	
10	54	54	43	42	69	71	63	67	63	61	63	63	57	58	10	
9	51	51	38	37	65	66	59	62	59	57	59	60	53	54	9	
8	48	47	32	32	61	62	55	57	54	54	56	57	49	50	8	
7	44	44	27	26	57	58	51	52	49	50	53	54	45	46	7	
6	41	40	21	21	53	53	47	48	45	46	49	51	41	42	6	
5	37	36	16	16	48	49	43	43	40	43	46	48	37	38	5	
4	34	33	10	10	44	45	39	38	36	39	42	45	33	34	4	
3	30	29	4	5	40	41	35	34	31	35	39	42	30	30	3	
2	27	25	0	0	36	36	31	29	27	32	36	39	26	26	2	
1	23	22	0	0	32	32	27	24	22	28	32	36	22	22	1	
0	20	18	0	0	28	28		20							0	

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 12 years
Age: 70-74 years
Race: African American

	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	99	92	97	83						19
18	76	82	100	100	100	95	88	93	79	80				100	18
17	72	77	100	100	98	91	85	89			92				17
16	68	73	100	97	94	87	81	85	71		88				16
15	64	69	100	93	89	83	77	81	67	70	84	76	66	88	15
14	59	65	95	88	85	79	73	77	63	67	81		63		14
13	55	60	90	84	81	75	70	73	60	64	77	68		79	13
12	51	56	85	80	77	71	66	69	56		73	65	57	75	12
11	47	52	79	75	72	68	62	65	52	57	69	61		70	11
10	42	47	74	71	68	64	58	61	48	54	66	58	51	66	10
9	38	43	69	67	64	60	55	57		51	62	54	48	62	9
8	34	39	64	62	60	56	51	53	40	48	58	51	46	57	8
7	30	34	59	58	55	52	47	49	36		54	47	43	53	7
6	25	30	54	54	51	48	43	45	32	41	50	44	40	49	6
5	21	26	49	49	47	44	40	41	28	38	47	40	37	44	5
4	17	21	44	45	43	40	36	37	24		43	36	34	40	4
3	13	17	38	40	39	36	32	33	20	32	39	33	31	36	3
2	9	13	33	36	34	33	28	29	16		35	29	29	31	2
1	4	8	28	32	30	29	25	25		25	32	26	26	27	1
0		4	23	27				21		22	28	22	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		96		100		84								19
18	100	100	99	88			100		80								18
17	96	99	95	85	88		100		76	85				80	81		17
16	92	95	91	81	84	82	97		72	80		90		76	77	79	16
15	88	90	87	77	80	78	92		67	76				72	74		15
14	84	86	82	74	76	73	88		63	71		81		68	70	71	14
13	80	82	78	70	72	69	84		59	67	77	77		64	66	67	13
12	76	77	74	67	68	65	80		55	62			61	60	63	63	12
11	72	73	70	63	64	61	76	60	51	57	68	68		56	59	59	11
10	68	69	66	60	60	57	72		47	53	64	63		52	55	55	10
9	64	64	62	56	56	53	67	51	42	48	60	59	46	48	52	51	9
8	60	60	57	52	52	49	63		38	44	56	54		44	48	47	8
7	56	56	53	49	48	45	59	41	34	39	51	50	37	40	44	43	7
6	52	51	49	45	44	41	55		30	35	47	45		36	41	39	6
5	48	47	45	42	40	36	51	32	26	30	43	41	27	32	37	35	5
4	45	42	41	38	36	32	47		22	26	39	36		28	33	31	4
3	41	38	37		32	28	42	22	17	21	35	32	17	24	30		3
2	37	34	32		28	24	38	17	13	17	30	27	13	20			2
1	33	29	28		24	20	34	13	9	12	26	23	8				1
0		25				16	30	8		7	22				19	15	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 12 years
Age: 70-74 years
Race: African American

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		92		100		100				100	100	100	97		19
18	94	100	89				100				98	100	100	93		18
17	90	98	85		96		99			91		99		89		17
16	86	94	82			90	95	87	91			95	97	85		16
15	82	90	78		86		90	83			84					15
14	77	85	75	70	81	81	85	79	82		80	85	88	77		14
13	73	81	71		76		81	75		75		81	84	73	60	13
12	69	77	67	64	71	73	76	72	73		71	76	79		56	12
11	65	73	64	61	66	69	72	68	69	66	66	72	75	65	52	11
10	61	68	60	58	61	65	67	64	64		62	67	70	61	49	10
9	56	64	57	55	56	60	62	60	60	58	58	63	66	57	45	9
8	52	60	53	52	51	56	58	56	55		53	58	62	53	41	8
7	48	55	50	49	46	52	53	53	51	50	49	54	57	49	37	7
6	44	51	46	46		48	49	49	46	46		49	53	45	34	6
5	40	47	43	43	36	43	44	45	42	42	40	45	48	41	30	5
4	36	43	39	40		39	40	41	37	37		40	44	37	26	4
3	31	38	36	36	26	35	35		33	33		36	39	33	23	3
2	27	34	32	33	21	31	30	34	28	29		31	35	29	19	2
1	23		29	30	16	27	26	30	24	25				25		1
0				27		22	21	26								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	87	88	95	92	100	100	100	100	100				93	95	19	
18	83	85	90	86	100	100	98	100	100				89	91	18	
17	80	81	84	81	100	100	94	100	97				85	87	17	
16	76	77	78	76	96	99	90	97	93				81	83	16	
15	73	74	73	70	92	94	86	92	88			81	78	79	15	
14	69	70	67	65	88	90	81	88	84	79			74	75	14	
13	66	67	62	60	84	86	77	83	79		76	75	70	71	13	
12	63	63	56	54	80	82	73	78	74	71			66	67	12	
11	59	59	51	49	75	77	69	74	70		69	69	62	63	11	
10	56	56	45	44	71	73	65	69	65	64	66	66	58	59	10	
9	52	52	40	39	67	69	61	64	61	60	62	63	54	55	9	
8	49	48	34	33	63	64	57	60	56	57	59	60	50	51	8	
7	45	45	28	28	59	60	53	55	52	53	56	57	47	47	7	
6	42	41	23	23	55	56	49	50	47	49	52	54	43	43	6	
5	38	38	17	17	51	51	45	45	43	46	49	51	39	39	5	
4	35	34	12	12	47	47	41	41	38	42	45	48	35	35	4	
3	31	30	6	7	43	43	37	36	34	38	42	45	31	32	3	
2	28	27	1	1	38	38	33	31	29	35	39	42	27	28	2	
1	25	23	0	0	34	34	29	27	24	31	35	39	23	24	1	
0	21	20	0	0	30	30		22							0	

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 12 years
Age: 75-79 years
Race: African American

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	100	100	100	94	99	83						19
18	75	81	100	100	100	96	90	95	79	81				100	18
17	70	76	100	100	100	92	86	91			93				17
16	66	72	100	100	96	88	82	87	71		89				16
15	62	68	100	95	91	84	79	83	67	71	85	76	66	89	15
14	58	63	98	91	87	80	75	79	63	68	82		63		14
13	53	59	92	86	83	76	71	75	60	64	78	69		81	13
12	49	55	87	82	79	73	67	71	56		74	65	58	76	12
11	45	50	82	78	75	69	64	67	52	58	70	62		72	11
10	41	46	77	73	70	65	60	63	48	55	67	58	52	68	10
9	37	42	72	69	66	61	56	59		51	63	55	49	63	9
8	32	38	67	65	62	57	52	55	40	48	59	51	46	59	8
7	28	33	62	60	58	53	49	51	36		55	47	44	55	7
6	24	29	57	56	53	49	45	47	32	42	52	44	41	50	6
5	20	25	51	51	49	45	41	43	28	39	48	40	38	46	5
4	15	20	46	47	45	42	37	40	24		44	37	35	42	4
3	11	16	41	43	41	38	34	36	20	32	40	33	32	37	3
2	7	12	36	38	36	34	30	32	16		36	30	29	33	2
1	3	7	31	34	32	30	26	28		26	33	26	26	29	1
0		3	26	30				24		22	29	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		98		100		83								19
18	100	100	100	89			100		78								18
17	99	100	97	86	90		100		74	85				77	81		17
16	95	97	93	82	86	83	99		70	80		90		73	78	79	16
15	91	93	88	79	82	79	95		66	76				69	74		15
14	87	88	84	75	78	75	91		62	71		82		65	70	71	14
13	83	84	80	72	74	71	87		58	67	77	77		61	67	67	13
12	79	80	76	68	70	66	82		54	62			61	57	63	63	12
11	75	75	72	64	66	62	78	61	49	57	68	68		53	59	59	11
10	71	71	68	61	62	58	74		45	53	64	64		49	56	55	10
9	67	67	63	57	58	54	70	51	41	48	60	59	46	45	52	51	9
8	64	62	59	54	54	50	66		37	44	56	55		41	48	47	8
7	60	58	55	50	50	46	62	42	33	39	51	50	37	37	45	43	7
6	56	53	51	47	46	42	57		29	35	47	46		33	41	39	6
5	52	49	47	43	42	38	53	32	24	30	43	41	27	29	37	35	5
4	48	45	43	39	38	34	49		20	26	39	37		25	34	31	4
3	44	40	38		34	29	45	23	16	21	34	32	18	21	30		3
2	40	36	34		30	25	41	18	12	17	30	28	13	17			2
1	36	32	30		26	21	36	13	8	12	26	23	8				1
0		27				17	32	8		7	22				19	15	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 12 years
Age: 75-79 years
Race: African American

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		93		100		100				100	100	100	98		19
18	95	100	89				100				99	100	100	94		18
17	91	99	86		98		100			93		100		90		17
16	86	95	82			92	97	90	93			96	99	86		16
15	82	91	79		87		93	86			86					15
14	78	87	75	71	82	83	88	82	84		81	87	90	78		14
13	74	82	72		77		84	78		76		82	86	74	60	13
12	70	78	68	65	72	75	79	74	75		72	78	81		56	12
11	65	74	65	61	67	70	75	71	70	68	68	73	77	66	52	11
10	61	69	61	58	62	66	70	67	66		63	69	72	62	49	10
9	57	65	58	55	57	62	65	63	61	60	59	64	68	58	45	9
8	53	61	54	52	52	58	61	59	57		54	60	63	54	41	8
7	49	57	50	49	47	54	56	55	52	52	50	55	59	50	37	7
6	44	52	47	46		49	52	52	48	47		51	55	46	34	6
5	40	48	43	43	37	45	47	48	43	43	41	46	50	42	30	5
4	36	44	40	40		41	42	44	39	39		42	46	38	26	4
3	32	39	36	37	27	37	38		34	35		37	41	34	23	3
2	28	35	33	34	22	32	33	36	30	31		33	37	30	19	2
1	24		29	31	17	28	29	32	25	27				26		1
0			28			24	24	29								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	88	90	97	94	100	100	100	100	100				95	96	19
18	84	86	92	88	100	100	100	100	100				91	92	18
17	81	82	86	83	100	100	95	100	99				87	88	17
16	78	79	80	78	98	100	91	100	95				83	84	16
15	74	75	75	72	94	96	87	95	90			84	79	80	15
14	71	71	69	67	90	92	83	90	86	82			75	77	14
13	67	68	64	62	86	88	79	85	81		79	78	71	73	13
12	64	64	58	56	82	83	75	81	77	75			67	69	12
11	60	61	53	51	78	79	71	76	72		72	72	64	65	11
10	57	57	47	46	74	75	67	71	68	67	69	69	60	61	10
9	53	53	42	40	70	70	63	67	63	64	65	66	56	57	9
8	50	50	36	35	65	66	59	62	59	60	62	63	52	53	8
7	46	46	30	30	61	62	55	57	54	56	59	60	48	49	7
6	43	43	25	24	57	57	51	53	49	53	55	57	44	45	6
5	40	39	19	19	53	53	47	48	45	49	52	54	40	41	5
4	36	35	14	14	49	49	43	43	40	45	48	51	36	37	4
3	33	32	8	9	45	44	39	38	36	42	45	48	33	33	3
2	29	28	3	3	41	40	35	34	31	38	42	45	29	29	2
1	26	24	0	0	37	36	31	29	27	34	38	42	25	25	1
0	22	21	0	0	33	31		24							0

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 12 years
Age: 80-85 years
Race: African American

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	100	100	100	96	100	83						19
18	75	80	100	100	100	97	92	98	79	81				100	18
17	70	75	100	100	100	93	88	94			94				17
16	66	71	100	100	98	89	84	90	71		90				16
15	62	67	100	98	94	86	81	86	67	71	87	76	67	91	15
14	58	62	100	93	90	82	77	82	63	68	83		64		14
13	53	58	95	89	85	78	73	78	60	65	79	69		83	13
12	49	54	90	85	81	74	69	74	56		75	66	59	78	12
11	45	49	85	80	77	70	66	70	52	58	72	62		74	11
10	41	45	80	76	73	66	62	66	48	55	68	59	53	70	10
9	37	41	75	72	68	62	58	62		52	64	55	50	65	9
8	32	36	70	67	64	58	54	58	40	49	60	51	47	61	8
7	28	32	65	63	60	55	51	54	36		56	48	44	57	7
6	24	28	60	58	56	51	47	50	32	42	53	44	42	52	6
5	20	23	54	54	51	47	43	46	28	39	49	41	39	48	5
4	15	19	49	50	47	43	39	43	24		45	37	36	44	4
3	11	15	44	45	43	39	36	39	20	33	41	34	33	39	3
2	7	10	39	41	39	35	32	35	16		38	30	30	35	2
1	3	6	34	37	34	31	28	31		26	34	27	27	30	1
0		2	29	32				27		23	30	23	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		98		100		83								19
18	100	100	100	91			100		78								18
17	99	100	99	87	90		100		74	85				73	82		17
16	95	99	95	84	86	84	100		70	80		91		69	78	78	16
15	91	95	90	80	82	80	98		66	76				65	75		15
14	87	91	86	76	78	76	94		62	71		82		61	71	70	14
13	83	86	82	73	74	72	89		58	67	77	78		57	67	67	13
12	79	82	78	69	70	68	85		54	62			61	53	64	63	12
11	75	78	74	66	66	64	81	61	49	57	68	69		49	60	59	11
10	71	73	70	62	62	60	77		45	53	64	64		45	56	55	10
9	67	69	65	59	58	55	73	52	41	48	60	60	46	41	53	51	9
8	64	65	61	55	54	51	68		37	44	56	55		37	49	47	8
7	60	60	57	52	50	47	64	42	33	39	51	51	37	33	45	43	7
6	56	56	53	48	46	43	60		29	35	47	46		29	42	39	6
5	52	52	49	44	42	39	56	33	24	30	43	42	27	25	38	35	5
4	48	47	45	41	38	35	52		20	26	39	37		21	34	31	4
3	44	43	40		34	31	48	23	16	21	34	33	18	17	31		3
2	40	39	36		30	27	43	18	12	17	30	29	13	13			2
1	36	34	32		26	23	39	14	8	12	26	24	8				1
0		30				19	35	9		7	22				20	15	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 12 years
Age: 80-85 years
Race: African American

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

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 13-15 years
Age: 20-34 years
Race: African American

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	83		93	88	85	84	83	84	78						19
18	78	87	88	83	81	81	79	80	75	74				84	18
17	74	82	83	79	77	77	76	77			80				17
16	70	78	78	75	72	73	72	73	67		76				16
15	66	74	73	70	68	69	68	69	63	64	72	71	58	71	15
14	61	69	67	66	64	65	64	65	59	61	69		55		14
13	57	65	62	61	60	61	61	61	55	57	65	64		62	13
12	53	61	57	57	55	57	57	57	51		61	60	49	58	12
11	49	56	52	53	51	53	53	53	47	51	57	57		54	11
10	45	52	47	48	47	49	49	49	43	48	53	53	44	49	10
9	40	48	42	44	43	46	46	45		45	50	50	41	45	9
8	36	44	37	40	39	42	42	41	35	41	46	46	38	41	8
7	32	39	31	35	34	38	38	37	32		42	42	35	36	7
6	28	35	26	31	30	34	34	33	28	35	38	39	32	32	6
5	23	31	21	27	26	30	31	29	24	32	35	35	29	27	5
4	19	26	16	22	22	26	27	25	20		31	32	27	23	4
3	15	22	11	18	17	22	23	21	16	25	27	28	24	19	3
2	11	18	6	13	13	18	19	17	12		23	25	21	14	2
1	6	13	1	9	9	15	16	13		19	19	21	18	10	1
0		9	0	5				9		15	16	18	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	84		85		83		85		85								19
18	80	80	81	77			81		80								18
17	76	75	77	73	75		77		76	80				85	75		17
16	72	71	72	69	71	69	73		72	75		83		81	71	75	16
15	68	67	68	66	67	64	69		68	71				77	68		15
14	64	62	64	62	63	60	64		64	66		74		73	64	67	14
13	60	58	60	59	59	56	60		60	62	74	69		69	60	63	13
12	57	54	56	55	55	52	56		55	57			58	65	57	59	12
11	53	49	52	52	51	48	52	55	51	53	66	61		61	53	55	11
10	49	45	47	48	47	44	48		47	48	62	56		57	49	51	10
9	45	40	43	44	43	40	44	45	43	44	58	52	43	53	46	47	9
8	41	36	39	41	39	36	39		39	39	53	47		49	42	43	8
7	37	32	35	37	35	32	35	36	35	34	49	43	34	45	38	39	7
6	33	27	31	34	31	27	31		31	30	45	38		41	35	35	6
5	29	23	27	30	27	23	27	26	26	25	41	34	24	37	31	31	5
4	25	19	22	27	23	19	23		22	21	36	29		33	27	27	4
3	21	14	18		19	15	19	17	18	16	32	25	15	29	24		3
2	17	10	14		15	11	14	12	14	12	28	20	10	25			2
1	13	6	10		11	7	10	7	10	7	24	16	5				1
0		1				3	6	2		3	19				13	11	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 13-15 years
Age: 20-34 years
Race: African American

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		83		94		89				89	92	92	85		19
18	86	89	80				84				85	88	87	81		18
17	82	85	76		84		80			75		83		77		17
16	78	81	73			71	75	69	74			79	79	73		16
15	74	77	69		74		70	65			71					15
14	70	72	66	67	69	63	66	61	65		67	70	70	65		14
13	65	68	62		64		61	57		59		65	65	61	60	13
12	61	64	59	61	59	54	57	54	56		58	61	61		56	12
11	57	59	55	57	54	50	52	50	51	50	53	56	56	53	52	11
10	53	55	52	54	49	46	47	46	47		49	51	52	49	49	10
9	49	51	48	51	44	42	43	42	42	42	44	47	48	45	45	9
8	44	47	44	48	39	38	38	38	38		40	42	43	41	41	8
7	40	42	41	45	34	33	34	35	33	34	35	38	39	37	38	7
6	36	38	37	42		29	29	31	29	30		33	34	33	34	6
5	32	34	34	39	23	25	25	27	24	26	26	29	30	29	30	5
4	28	30	30	36		21	20	23	20	22		24	25	25	26	4
3	24	25	27	33	13	16	15		15	17		20	21	21	23	3
2	19	21	23	30	8	12	11	16	11	13		15	17	17	19	2
1	15		20	27	3	8	6	12	6	9				13		1
0			24			4	2	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	75	76	87	84	85	89	84	89	85				79	80	19	
18	71	72	81	78	81	84	80	84	81				75	76	18	
17	68	68	76	73	77	80	76	79	76				71	72	17	
16	64	65	70	68	73	76	72	75	72				67	68	16	
15	61	61	65	62	69	71	67	70	67			60	63	64	15	
14	57	57	59	57	65	67	63	65	62	58			59	60	14	
13	54	54	54	52	61	63	59	60	58		58	54	56	56	13	
12	50	50	48	46	56	58	55	56	53	50			52	52	12	
11	47	47	42	41	52	54	51	51	49		51	48	48	48	11	
10	44	43	37	36	48	50	47	46	44	43	47	45	44	44	10	
9	40	39	31	30	44	45	43	42	40	40	44	42	40	40	9	
8	37	36	26	25	40	41	39	37	35	36	41	39	36	36	8	
7	33	32	20	20	36	37	35	32	31	32	37	36	32	33	7	
6	30	29	15	15	32	32	31	28	26	29	34	33	28	29	6	
5	26	25	9	9	28	28	27	23	22	25	30	30	25	25	5	
4	23	21	4	4	24	24	23	18	17	21	27	27	21	21	4	
3	19	18	0	0	19	19	19	13	12	18	24	24	17	17	3	
2	16	14	0	0	15	15	15	9	8	14	20	21	13	13	2	
1	13	10	0	0	11	11	11	4	3	10	17	18	9	9	1	
0	9	7	0	0	7	6		0							0	

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 13-15 years
Age: 35-39 years
Race: African American

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

(continued)

APPENDIX E (continued)

Sex: Male
Education: 13-15 years
Age: 35-39 years
Race: African American

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		96		91				92	95	96	87		19
18	88	92	81				87				88	91	91	83		18
17	83	87	78		86		82			79		86		79		17
16	79	83	74			75	77	71	77			82	82	75		16
15	75	79	71		76		73	67			74					15
14	71	75	67	67	71	66	68	64	68		70	73	73	67		14
13	67	70	64		66		64	60		62		68	69	63	60	13
12	62	66	60	61	61	58	59	56	59		61	64	65		56	12
11	58	62	56	58	56	54	55	52	55	54	56	59	60	56	52	11
10	54	57	53	55	51	50	50	48	50		52	54	56	52	49	10
9	50	53	49	52	46	45	45	44	46	46	47	50	51	48	45	9
8	46	49	46	49	41	41	41	41	41		43	45	47	44	41	8
7	41	45	42	46	36	37	36	37	37	37	38	41	42	40	38	7
6	37	40	39	43		33	32	33	32	33		36	38	36	34	6
5	33	36	35	40	26	28	27	29	28	29	29	32	34	32	30	5
4	29	32	32	37		24	22	25	23	25		27	29	28	26	4
3	25	27	28	33	16	20	18		19	21		23	25	24	23	3
2	21	23	25	30	11	16	13	18	14	17		18	20	20	19	2
1	16		21	27	6	12	9	14	10	13				16		1
0			24			7	4	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	77	78	88	84	90	92	87	93	90				82	83	19
18	74	74	82	79	86	88	83	89	85				78	79	18
17	70	71	77	74	82	84	79	84	81				74	75	17
16	67	67	71	68	78	79	75	79	76				70	71	16
15	63	64	65	63	73	75	71	75	71			62	66	67	15
14	60	60	60	58	69	71	67	70	67	61			62	63	14
13	56	56	54	52	65	66	63	65	62		58	56	59	59	13
12	53	53	49	47	61	62	59	61	58	53			55	55	12
11	49	49	43	42	57	58	55	56	53		51	50	51	51	11
10	46	46	38	36	53	54	51	51	49	46	48	47	47	48	10
9	43	42	32	31	49	49	47	46	44	42	45	44	43	44	9
8	39	38	27	26	45	45	43	42	40	39	41	41	39	40	8
7	36	35	21	21	41	41	39	37	35	35	38	38	35	36	7
6	32	31	15	15	37	36	35	32	31	31	34	35	31	32	6
5	29	27	10	10	32	32	31	28	26	28	31	32	28	28	5
4	25	24	4	5	28	28	27	23	21	24	28	29	24	24	4
3	22	20	0	0	24	23	23	18	17	20	24	26	20	20	3
2	18	17	0	0	20	19	18	14	12	17	21	23	16	16	2
1	15	13	0	0	16	15	14	9	8	13	17	20	12	12	1
0	12	9	0	0	12	10		4							0

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 13-15 years
Age: 40-44 years
Race: African American

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

(continued)

APPENDIX E (continued)

Sex: Male
Education: 13-15 years
Age: 40-44 years
Race: African American

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

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 13-15 years
Age: 45-49 years
Race: African American

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	97	93	89	85	87	78						19	
18	75	82	99	93	89	85	81	83	75	76				91	18	
17	71	78	94	88	85	82	77	79			84				17	
16	67	74	89	84	81	78	73	75	67		80				16	
15	62	69	84	80	76	74	70	71	63	66	77	73	60	78	15	
14	58	65	78	75	72	70	66	67	59	63	73		57		14	
13	54	61	73	71	68	66	62	63	55	59	69	65		69	13	
12	50	56	68	66	64	62	58	59	51		65	62	52	65	12	
11	46	52	63	62	60	58	55	55	47	53	62	58		60	11	
10	41	48	58	58	55	54	51	51	43	50	58	55	46	56	10	
9	37	43	53	53	51	50	47	47		47	54	51	43	52	9	
8	33	39	48	49	47	47	43	43	35	43	50	48	40	47	8	
7	29	35	42	45	43	43	40	39	32		46	44	37	43	7	
6	24	31	37	40	38	39	36	35	28	37	43	40	35	39	6	
5	20	26	32	36	34	35	32	31	24	34	39	37	32	34	5	
4	16	22	27	31	30	31	28	27	20		35	33	29	30	4	
3	12	18	22	27	26	27	25	23	16	27	31	30	26	25	3	
2	7	13	17	23	21	23	21	19	12		28	26	23	21	2	
1	3	9	12	18	17	19	17	16		21	24	23	20	17	1	
0		5	7	14				12		17	20	19	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		92		85		95		82								19
18	87	92	88	81			91		78								18
17	83	87	84	77	77		87		74	80				85	76		17
16	79	83	80	74	73	73	83		69	75		83		81	73	75	16
15	75	79	76	70	69	69	79		65	71				77	69		15
14	71	74	71	66	65	65	74		61	66		74		73	65	67	14
13	67	70	67	63	61	61	70		57	62	74	70		69	62	63	13
12	63	66	63	59	57	57	66		53	57			58	65	58	59	12
11	59	61	59	56	53	53	62	57	49	53	66	61		61	54	55	11
10	55	57	55	52	50	49	58		44	48	62	57		57	51	51	10
9	51	53	51	49	46	45	54	47	40	44	57	52	44	53	47	47	9
8	47	48	46	45	42	41	49		36	39	53	48		49	43	43	8
7	43	44	42	41	38	36	45	38	32	34	49	43	34	45	40	39	7
6	39	40	38	38	34	32	41		28	30	45	39		41	36	35	6
5	35	35	34	34	30	28	37	28	24	25	41	34	25	37	32	31	5
4	31	31	30	31	26	24	33		20	21	36	30		33	29	27	4
3	27	27	26		22	20	28	19	15	16	32	25	15	29	25		3
2	23	22	21		18	16	24	14	11	12	28	21	10	25			2
1	19	18	17		14	12	20	9	7	7	24	16	5				1
0		14				8	16	4		3	19				14	11	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 13-15 years
Age: 45-49 years
Race: African American

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		97		94				95	98	99	90		19
18	89	94	83				90				90	94	95	86		18
17	85	90	79		87		85			82		89		82		17
16	80	85	76			78	81	74	81			85	86	78		16
15	76	81	72		77		76	70			77					15
14	72	77	69	68	72	70	72	67	71		72	76	77	70		14
13	68	72	65		67		67	63		66		71	73	66	60	13
12	64	68	61	62	62	62	62	59	62		63	67	68		56	12
11	59	64	58	59	57	57	58	55	58	57	59	62	64	58	52	11
10	55	60	54	56	52	53	53	51	53		54	57	59	54	49	10
9	51	55	51	53	47	49	49	47	49	49	50	53	55	50	45	9
8	47	51	47	49	42	45	44	44	44		45	48	50	46	41	8
7	43	47	44	46	36	40	39	40	40	41	41	44	46	42	38	7
6	38	42	40	43		36	35	36	35	37		39	42	38	34	6
5	34	38	37	40	26	32	30	32	31	33	32	35	37	34	30	5
4	30	34	33	37		28	26	28	26	28		30	33	30	26	4
3	26	30	30	34	16	24	21		22	24		26	28	26	23	3
2	22	25	26	31	11	19	17	21	17	20		21	24	22	19	2
1	17		23	28	6	15	12	17	13	16				18		1
0			25			11	7	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	79	81	89	85	95	97	91	98	94				85	86	19	
18	76	77	83	80	90	93	87	94	90				81	82	18	
17	73	73	78	75	86	89	83	89	85				77	78	17	
16	69	70	72	70	82	84	79	84	81				73	74	16	
15	66	66	67	64	78	80	75	79	76			67	69	70	15	
14	62	63	61	59	74	76	71	75	71	64			65	66	14	
13	59	59	56	54	70	71	67	70	67		61	61	62	62	13	
12	55	55	50	48	66	67	63	65	62	57			58	59	12	
11	52	52	44	43	62	63	59	61	58		55	55	54	55	11	
10	48	48	39	38	58	58	55	56	53	50	51	52	50	51	10	
9	45	44	33	32	54	54	50	51	49	46	48	49	46	47	9	
8	41	41	28	27	49	50	46	47	44	42	45	46	42	43	8	
7	38	37	22	22	45	45	42	42	40	39	41	43	38	39	7	
6	35	34	17	16	41	41	38	37	35	35	38	40	34	35	6	
5	31	30	11	11	37	37	34	32	31	32	34	37	30	31	5	
4	28	26	6	6	33	33	30	28	26	28	31	34	27	27	4	
3	24	23	0	1	29	28	26	23	21	24	28	31	23	23	3	
2	21	19	0	0	25	24	22	18	17	21	24	28	19	19	2	
1	17	16	0	0	21	20	18	14	12	17	21	25	15	15	1	
0	14	12	0	0	17	15		9							0	

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 13-15 years
Age: 50-54 years
Race: African American

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	99	95	90	85	88	78						19
18	75	81	100	95	91	87	82	84	75	76				92	18
17	71	77	97	91	87	83	78	80			85				17
16	67	73	91	86	83	79	74	76	67		81				16
15	62	68	86	82	79	75	70	72	63	66	78	73	61	79	15
14	58	64	81	78	74	71	67	68	59	63	74		58		14
13	54	60	76	73	70	67	63	64	55	60	70	66		71	13
12	50	55	71	69	66	63	59	60	51		66	62	52	66	12
11	46	51	66	64	62	59	55	56	47	53	63	59		62	11
10	41	47	61	60	57	56	52	52	43	50	59	55	47	58	10
9	37	42	55	56	53	52	48	48		47	55	52	44	53	9
8	33	38	50	51	49	48	44	44	35	44	51	48	41	49	8
7	29	34	45	47	45	44	40	40	32		48	44	38	45	7
6	24	29	40	43	40	40	37	36	28	37	44	41	35	40	6
5	20	25	35	38	36	36	33	32	24	34	40	37	32	36	5
4	16	21	30	34	32	32	29	28	20		36	34	30	32	4
3	12	16	25	29	28	28	25	25	16	28	32	30	27	27	3
2	7	12	20	25	24	25	22	21	12		29	27	24	23	2
1	3	8	14	21	19	21	18	17		21	25	23	21	18	1
0		3	9	16				13		18	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	91		94		85		98		82								19
18	87	94	90	82			94		78								18
17	83	90	86	78	77		89		74	80				84	77		17
16	79	85	82	75	73	75	85		69	75		84		80	73	75	16
15	75	81	77	71	69	71	81		65	71				76	69		15
14	71	77	73	68	65	66	77		61	66		75		72	66	67	14
13	67	72	69	64	61	62	73		57	62	74	71		68	62	63	13
12	63	68	65	61	57	58	69		53	57			58	64	58	59	12
11	59	64	61	57	53	54	64	57	49	53	66	62		60	55	55	11
10	55	59	57	53	50	50	60		44	48	62	57		56	51	51	10
9	51	55	52	50	46	46	56	48	40	44	57	53	44	52	47	47	9
8	47	51	48	46	42	42	52		36	39	53	48		48	44	43	8
7	43	46	44	43	38	38	48	38	32	34	49	44	34	44	40	39	7
6	39	42	40	39	34	34	43		28	30	45	39		40	36	35	6
5	35	38	36	36	30	29	39	29	24	25	40	35	25	36	33	31	5
4	31	33	32	32	26	25	35		20	21	36	30		32	29	27	4
3	27	29	27		22	21	31	19	15	16	32	26	15	28	25		3
2	23	25	23		18	17	27	14	11	12	28	22	10	24			2
1	19	20	19		14	13	23	10	7	7	24	17	5				1
0		16				9	18	5		3	19				14	11	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 13-15 years
Age: 50-54 years
Race: African American

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

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 13-15 years
Age: 55-59 years
Race: African American

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		100	100	98	92	86	89	79						19
18	74	80	100	97	93	88	82	85	75	77				94	18
17	69	76	99	93	89	84	79	81			86				17
16	65	72	94	89	85	80	75	77	67		83				16
15	61	67	89	84	81	76	71	73	63	67	79	73	62	81	15
14	57	63	84	80	76	72	67	69	60	64	75		59		14
13	52	59	79	75	72	68	64	65	56	60	71	66		72	13
12	48	54	74	71	68	65	60	61	52		67	63	53	68	12
11	44	50	69	67	64	61	56	57	48	54	64	59		64	11
10	40	46	63	62	59	57	52	54	44	51	60	56	48	59	10
9	35	41	58	58	55	53	49	50		48	56	52	45	55	9
8	31	37	53	54	51	49	45	46	36	44	52	48	42	51	8
7	27	33	48	49	47	45	41	42	32		49	45	39	46	7
6	23	28	43	45	43	41	37	38	28	38	45	41	36	42	6
5	18	24	38	41	38	37	34	34	24	35	41	38	33	38	5
4	14	20	33	36	34	34	30	30	20		37	34	30	33	4
3	10	15	27	32	30	30	26	26	17	28	33	31	28	29	3
2	6	11	22	27	26	26	22	22	13		30	27	25	24	2
1	2	7	17	23	21	22	19	18		22	26	23	22	20	1
0		2	12	19				14		18	22	20	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	94		96		88		100		81								19
18	90	93	92	83			96		76								18
17	86	89	88	80	80		92		72	80				83	77		17
16	82	85	83	76	76	76	88		68	75		85		79	73	75	16
15	78	80	79	73	72	72	84		64	71				75	70		15
14	74	76	75	69	68	68	79		60	66		76		71	66	67	14
13	70	72	71	65	64	64	75		56	62	74	71		67	62	63	13
12	66	67	67	62	60	59	71		51	57			58	63	59	59	12
11	62	63	63	58	56	55	67	58	47	53	66	62		59	55	55	11
10	58	59	58	55	52	51	63		43	48	62	58		55	51	51	10
9	54	54	54	51	48	47	58	48	39	44	57	53	44	51	48	47	9
8	50	50	50	48	45	43	54		35	39	53	49		47	44	43	8
7	46	46	46	44	41	39	50	39	31	34	49	44	34	43	40	39	7
6	42	41	42	40	37	35	46		27	30	45	40		39	37	35	6
5	38	37	38	37	33	31	42	29	22	25	40	36	25	35	33	31	5
4	34	33	33	33	29	27	38		18	21	36	31		31	29	27	4
3	30	28	29		25	22	33	20	14	16	32	27	15	27	26		3
2	26	24	25		21	18	29	15	10	12	28	22	10	23			2
1	22	20	21		17	14	25	10	6	7	24	18	6				1
0		15				10	21	5		3	19				15	11	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 13-15 years
Age: 55-59 years
Race: African American

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		99		99				98	100	100	92		19
18	90	96	84				94				93	97	98	88		18
17	86	92	81		89		89			85		92		84		17
16	81	87	77			82	85	78	84			88	90	80		16
15	77	83	74		79		80	74			80					15
14	73	79	70	69	74	73	76	70	75		75	79	81	72		14
13	69	75	66		69		71	66		69		74	76	68	60	13
12	65	70	63	62	64	65	66	63	66		66	70	72		56	12
11	61	66	59	59	59	61	62	59	61	61	62	65	67	60	52	11
10	56	62	56	56	54	57	57	55	57		57	60	63	56	49	10
9	52	58	52	53	49	52	53	51	52	52	53	56	59	52	45	9
8	48	53	49	50	44	48	48	47	48		48	51	54	48	41	8
7	44	49	45	47	39	44	44	44	43	44	44	47	50	44	38	7
6	40	45	42	44		40	39	40	39	40	40	42	45	40	34	6
5	35	40	38	41	29	35	34	36	34	36	35	38	41	36	30	5
4	31	36	35	38		31	30	32	30	32		33	36	32	26	4
3	27	32	31	35	19	27	25		25	28		29	32	28	23	3
2	23	28	28	32	14	23	21	25	21	24		24	28	24	19	2
1	19		24	28	9	19	16	21	16	19				20		1
0			25			14	11	17								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	82	83	91	87	99	100	95	100	99				88	89	19	
18	78	80	85	82	95	98	91	98	94				84	85	18	
17	75	76	80	77	91	94	87	94	90				80	81	17	
16	71	72	74	71	87	90	83	89	85				76	77	16	
15	68	69	69	66	83	85	78	84	80			72	72	74	15	
14	65	65	63	61	79	81	74	79	76	69			68	70	14	
13	61	62	58	55	75	77	70	75	71		66	66	65	66	13	
12	58	58	52	50	71	72	66	70	67	62			61	62	12	
11	54	54	46	45	66	68	62	65	62		59	60	57	58	11	
10	51	51	41	40	62	64	58	61	58	54	56	57	53	54	10	
9	47	47	35	34	58	59	54	56	53	51	53	54	49	50	9	
8	44	43	30	29	54	55	50	51	49	47	49	51	45	46	8	
7	40	40	24	24	50	51	46	47	44	43	46	48	41	42	7	
6	37	36	19	18	46	47	42	42	40	40	43	45	37	38	6	
5	34	33	13	13	42	42	38	37	35	36	39	42	33	34	5	
4	30	29	7	8	38	38	34	33	30	32	36	39	30	30	4	
3	27	25	2	2	34	34	30	28	26	29	32	36	26	26	3	
2	23	22	0	0	29	29	26	23	21	25	29	33	22	22	2	
1	20	18	0	0	25	25	22	18	17	22	26	30	18	18	1	
0	16	14	0	0	21	21		14							0	

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 13-15 years
Age: 60-64 years
Race: African American

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		100	100	100	93	87	91	79						19
18	74	79	100	100	95	89	83	87	75	77				96	18
17	69	75	100	95	91	85	80	83			87				17
16	65	70	97	91	87	81	76	79	67		84				16
15	61	66	92	87	83	77	72	75	63	67	80	74	63	83	15
14	57	62	87	82	79	74	68	71	60	64	76		60		14
13	52	57	82	78	74	70	65	67	56	61	72	67		74	13
12	48	53	76	73	70	66	61	63	52		69	63	54	70	12
11	44	49	71	69	66	62	57	59	48	54	65	59		65	11
10	40	45	66	65	62	58	53	55	44	51	61	56	48	61	10
9	35	40	61	60	57	54	50	51		48	57	52	45	57	9
8	31	36	56	56	53	50	46	47	36	45	53	49	43	52	8
7	27	32	51	52	49	46	42	43	32		50	45	40	48	7
6	23	27	46	47	45	42	38	39	28	38	46	42	37	44	6
5	18	23	40	43	40	39	35	35	24	35	42	38	34	39	5
4	14	19	35	38	36	35	31	31	20		38	35	31	35	4
3	10	14	30	34	32	31	27	27	17	29	35	31	28	31	3
2	6	10	25	30	28	27	23	23	13		31	27	26	26	2
1	2	6	20	25	23	23	20	19		22	27	24	23	22	1
0		1	15	21				15		19	23	20	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 SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	94		98		88		100		81								19
18	90	96	94	84			99		76								18
17	86	91	89	81	80		94		72	80				81	77		17
16	82	87	85	77	76	77	90		68	75		85		77	74	74	16
15	78	83	81	74	72	73	86		64	71				73	70		15
14	74	78	77	70	68	69	82		60	66		76		69	66	67	14
13	70	74	73	67	64	65	78		56	62	74	72		65	63	63	13
12	66	70	69	63	60	61	73		51	57			58	61	59	59	12
11	62	65	64	60	56	57	69	58	47	53	66	63		57	55	55	11
10	58	61	60	56	52	52	65		43	48	62	58		53	52	51	10
9	54	57	56	52	48	48	61	49	39	44	57	54	44	49	48	47	9
8	50	52	52	49	45	44	57		35	39	53	50		45	44	43	8
7	46	48	48	45	41	40	53	39	31	34	49	45	34	41	41	39	7
6	42	44	44	42	37	36	48		27	30	45	41		37	37	35	6
5	38	39	39	38	33	32	44	30	22	25	40	36	25	33	33	31	5
4	34	35	35	35	29	28	40		18	21	36	32		29	30	27	4
3	30	30	31		25	24	36	20	14	16	32	27	15	25	26		3
2	26	26	27		21	20	32	15	10	12	28	23	10	21			2
1	22	22	23		17	15	28	11	6	7	24	18	6				1
0		17				11	23	6		3	19				15	11	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 13-15 years
Age: 60-64 years
Race: African American

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		100		100				99	100	100	93		19
18	90	97	85				96				95	98	100	89		18
17	86	93	81		93		92			87		94		85		17
16	82	89	78			84	87	80	85			89	91	81		16
15	78	84	74		82		83	76			81					15
14	74	80	71	69	77	75	78	72	76		77	80	83	73		14
13	70	76	67		72		73	69		71		76	78	69	60	13
12	65	71	64	63	67	67	69	65	67		68	71	74		56	12
11	61	67	60	60	62	63	64	61	63	62	63	67	69	61	52	11
10	57	63	57	57	57	58	60	57	58		59	62	65	57	49	10
9	53	59	53	53	52	54	55	53	54	54	54	57	60	54	45	9
8	49	54	49	50	47	50	50	50	49		50	53	56	50	41	8
7	44	50	46	47	42	46	46	46	45	46	45	48	52	46	38	7
6	40	46	42	44		41	41	42	40	42		44	47	42	34	6
5	36	41	39	41	32	37	37	38	36	38	36	39	43	38	30	5
4	32	37	35	38		33	32	34	31	33		35	38	34	26	4
3	28	33	32	35	22	29	28		27	29		30	34	30	23	3
2	23	29	28	32	17	25	23	27	22	25		26	29	26	19	2
1	19		25	29	12	20	18	23	18	21				22		1
0			26			16	14	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	83	85	92	89	100	100	96	100	100				89	91	19	
18	80	81	87	83	97	100	92	100	96				85	87	18	
17	76	77	81	78	93	97	88	96	92				82	83	17	
16	73	74	76	73	89	92	84	91	87				78	79	16	
15	69	70	70	67	85	88	80	87	83			75	74	75	15	
14	66	66	64	62	81	84	76	82	78	72			70	71	14	
13	62	63	59	57	77	79	72	77	74		69	69	66	67	13	
12	59	59	53	51	73	75	68	72	69	64			62	63	12	
11	55	56	48	46	69	71	64	68	64		62	63	58	59	11	
10	52	52	42	41	65	66	60	63	60	57	59	60	54	55	10	
9	49	48	37	35	61	62	56	58	55	53	55	57	50	51	9	
8	45	45	31	30	56	58	52	54	51	50	52	54	47	47	8	
7	42	41	25	25	52	53	48	49	46	46	49	51	43	43	7	
6	38	37	20	20	48	49	44	44	42	42	45	48	39	40	6	
5	35	34	14	14	44	45	40	40	37	39	42	45	35	36	5	
4	31	30	9	9	40	40	36	35	33	35	38	42	31	32	4	
3	28	27	3	4	36	36	32	30	28	31	35	39	27	28	3	
2	24	23	0	0	32	32	28	26	24	28	32	36	23	24	2	
1	21	19	0	0	28	28	24	21	19	24	28	33	19	20	1	
0	17	16	0	0	24	23		16							0	

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 13-15 years
Age: 65-69 years
Race: African American

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

(continued)

APPENDIX E (continued)

Sex: Male
Education: 13-15 years
Age: 65-69 years
Race: African American

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		100		100				100	100	100	95		19
18	91	98	86				99				96	100	100	91		18
17	87	94	82		94		94			89		95		87		17
16	83	90	78			85	90	82	87			91	93	83		16
15	78	85	75		84		85	78			82					15
14	74	81	71	69	79	77	80	75	78		78	82	84	75		14
13	70	77	68		74		76	71		72		77	80	71	60	13
12	66	73	64	63	69	69	71	67	69		69	73	76		56	12
11	62	68	61	60	64	64	67	63	65	64	64	68	71	63	52	11
10	58	64	57	57	59	60	62	59	60		60	64	67	59	49	10
9	53	60	54	54	53	56	58	56	56	56	55	59	62	55	45	9
8	49	55	50	51	48	52	53	52	51		51	54	58	51	41	8
7	45	51	47	48	43	47	48	48	47	48	47	50	53	47	38	7
6	41	47	43	45		43	44	44	42	43		45	49	43	34	6
5	37	43	40	41	33	39	39	40	38	39	38	41	45	39	30	5
4	32	38	36	38		35	35	37	33	35		36	40	35	26	4
3	28	34	33	35	23	31	30		29	31		32	36	31	23	3
2	24	30	29	32	18	26	25	29	24	27		27	31	27	19	2
1	20		25	29	13	22	21	25	20	23				23		1
0			26			18	16	21								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	84	86	94	90	100	100	98	100	100				91	92	19	
18	81	82	88	85	100	100	94	100	99				87	88	18	
17	77	79	83	79	96	99	90	98	94				83	85	17	
16	74	75	77	74	92	95	86	94	89				79	81	16	
15	70	71	71	69	88	90	82	89	85			77	75	77	15	
14	67	68	66	63	83	86	78	84	80	75			71	73	14	
13	64	64	60	58	79	82	74	80	76		72	71	68	69	13	
12	60	60	55	53	75	77	70	75	71	67			64	65	12	
11	57	57	49	47	71	73	66	70	67		65	65	60	61	11	
10	53	53	44	42	67	69	62	65	62	60	62	63	56	57	10	
9	50	50	38	37	63	65	58	61	58	56	58	60	52	53	9	
8	46	46	33	32	59	60	54	56	53	53	55	57	48	49	8	
7	43	42	27	26	55	56	50	51	49	49	52	54	44	45	7	
6	39	39	21	21	51	52	46	47	44	45	48	51	40	41	6	
5	36	35	16	16	46	47	42	42	39	42	45	48	36	37	5	
4	32	32	10	10	42	43	38	37	35	38	41	45	33	33	4	
3	29	28	5	5	38	39	33	33	30	34	38	42	29	29	3	
2	26	24	0	0	34	34	29	28	26	31	35	39	25	25	2	
1	22	21	0	0	30	30	25	23	21	27	31	36	21	21	1	
0	19	17	0	0	26	26		19							0	

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 13-15 years
Age: 70-74 years
Race: African American

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	95	90	95	79						19
18	70	77	100	100	100	91	86	91	75	78				99	18
17	66	73	100	100	95	88	82	87			90				17
16	62	68	100	96	91	84	78	83	67		86				16
15	58	64	97	91	87	80	75	79	63	68	82	75	64	86	15
14	53	60	92	87	83	76	71	75	60	65	78		61		14
13	49	55	87	82	78	72	67	71	56	62	74	67		77	13
12	45	51	82	78	74	68	63	67	52		71	64	56	73	12
11	41	47	77	74	70	64	60	63	48	55	67	60		69	11
10	36	42	72	69	66	60	56	59	44	52	63	57	50	64	10
9	32	38	66	65	62	57	52	55		49	59	53	47	60	9
8	28	34	61	61	57	53	48	51	36	46	56	50	44	56	8
7	24	29	56	56	53	49	44	47	32		52	46	41	51	7
6	19	25	51	52	49	45	41	43	28	39	48	42	39	47	6
5	15	21	46	48	45	41	37	39	24	36	44	39	36	43	5
4	11	16	41	43	40	37	33	35	20		40	35	33	38	4
3	7	12	36	39	36	33	29	31	17	30	37	32	30	34	3
2	3	8	31	34	32	29	26	27	13		33	28	27	30	2
1	0	3	25	30	28	26	22	23		23	29	25	24	25	1
0		0	20	26				19		20	25	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		92		100		78								19
18	96	100	97	87			100		74								18
17	92	96	93	83	84		99		70	80				77	78		17
16	88	92	89	80	80	79	95		65	75		86		73	74	74	16
15	84	87	85	76	76	75	91		61	71				69	71		15
14	80	83	81	73	72	71	87		57	66		78		65	67	66	14
13	76	79	76	69	68	67	83		53	62	74	73		61	63	62	13
12	72	74	72	66	64	63	78		49	57			58	57	60	58	12
11	68	70	68	62	60	59	74	59	45	53	66	64		53	56	54	11
10	64	66	64	58	56	55	70		41	48	62	60		49	52	50	10
9	60	61	60	55	52	51	66	50	36	44	57	55	44	45	49	46	9
8	56	57	56	51	48	47	62		32	39	53	51		41	45	42	8
7	52	52	51	48	44	43	58	40	28	34	49	46	34	37	41	38	7
6	48	48	47	44	40	38	53		24	30	45	42		33	38	34	6
5	44	44	43	41	36	34	49	31	20	25	40	37	25	29	34	31	5
4	41	39	39	37	32	30	45		16	21	36	33		25	30	27	4
3	37	35	35		28	26	41	21	11	16	32	28	15	21	27		3
2	33	31	31		24	22	37	16	7	12	28	24	10	17			2
1	29	26	26		20	18	33	11	3	7	24	19	6				1
0		22				14	28	7		3	19				16	11	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 13-15 years
Age: 70-74 years
Race: African American

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		100		100				100	100	100	96		19
18	92	99	86				100				97	100	100	92		18
17	87	95	83		95		97			90		97		88		17
16	83	91	79			87	92	85	89			92	95	84		16
15	79	86	76		85		88	81			84					15
14	75	82	72	69	80	79	83	77	80		79	83	86	76		14
13	71	78	69		75		79	73		74		79	82	72	60	13
12	66	74	65	63	70	70	74	70	71		70	74	77		56	12
11	62	69	62	60	65	66	69	66	66	66	66	70	73	64	52	11
10	58	65	58	57	60	62	65	62	62		61	65	68	60	49	10
9	54	61	54	54	55	58	60	58	57	57	57	60	64	56	45	9
8	50	57	51	51	50	53	56	54	53		52	56	60	52	41	8
7	46	52	47	48	45	49	51	51	48	49	48	51	55	48	38	7
6	41	48	44	45		45	47	47	44	45		47	51	44	34	6
5	37	44	40	42	35	41	42	43	39	41	39	42	46	40	30	5
4	33	39	37	39		37	37	39	35	37		38	42	36	26	4
3	29	35	33	36	24	32	33		30	33		33	37	32	23	3
2	25	31	30	33	19	28	28	31	26	29		29	33	28	19	2
1	20		26	29	14	24	24	28	21	24				24		1
0			26			20	19	24								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	85	87	95	92	100	100	100	100	100				92	94	19
18	82	83	90	86	100	100	96	100	100				88	90	18
17	79	80	84	81	98	100	92	100	96				85	86	17
16	75	76	79	76	94	97	88	96	92				81	82	16
15	72	73	73	70	90	93	84	91	87			80	77	78	15
14	68	69	68	65	86	88	80	87	83	78			73	74	14
13	65	65	62	60	82	84	76	82	78		75	74	69	70	13
12	61	62	56	54	78	80	72	77	74	70			65	66	12
11	58	58	51	49	73	75	68	73	69		68	68	61	62	11
10	54	55	45	44	69	71	64	68	64	63	65	65	57	58	10
9	51	51	40	39	65	67	60	63	60	59	61	62	53	54	9
8	47	47	34	33	61	62	56	58	55	56	58	59	50	51	8
7	44	44	29	28	57	58	52	54	51	52	54	56	46	47	7
6	41	40	23	23	53	54	47	49	46	48	51	53	42	43	6
5	37	36	18	17	49	49	43	44	42	45	48	50	38	39	5
4	34	33	12	12	45	45	39	40	37	41	44	47	34	35	4
3	30	29	6	7	41	41	35	35	33	37	41	44	30	31	3
2	27	26	1	1	37	36	31	30	28	34	38	41	26	27	2
1	23	22	0	0	32	32	27	26	24	30	34	38	22	23	1
0	20	18	0	0	28	28		21							0

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 13-15 years
Age: 75-79 years
Race: African American

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	100	100	97	91	97	79						19
18	69	76	100	100	100	93	87	93	75	79				100	18
17	64	71	100	100	97	89	84	89			91				17
16	60	67	100	98	93	85	80	85	67		87				16
15	56	63	100	94	89	81	76	81	63	69	83	75	65	88	15
14	52	59	95	89	85	77	72	77	60	66	79		62		14
13	47	54	90	85	81	73	69	73	56	62	76	68		79	13
12	43	50	85	80	76	69	65	69	52		72	64	56	75	12
11	39	46	80	76	72	66	61	65	48	56	68	61		70	11
10	35	41	74	72	68	62	57	61	44	53	64	57	51	66	10
9	31	37	69	67	64	58	54	57		49	60	54	48	62	9
8	26	33	64	63	59	54	50	53	36	46	57	50	45	57	8
7	22	28	59	59	55	50	46	49	32		53	46	42	53	7
6	18	24	54	54	51	46	42	45	28	40	49	43	39	49	6
5	14	20	49	50	47	42	38	41	24	37	45	39	37	44	5
4	9	15	44	45	42	38	35	37	20		42	36	34	40	4
3	5	11	38	41	38	35	31	34	17	30	38	32	31	36	3
2	1	7	33	37	34	31	27	30	13		34	29	28	31	2
1	0	2	28	32	30	27	23	26		24	30	25	25	27	1
0		0	23	28				22		20	26	21	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	100		100		94		100		77								19
18	99	100	99	88			100		72								18
17	95	98	95	85	86		100		68	80				74	78		17
16	91	94	91	81	82	81	98		64	75		87		70	75	74	16
15	87	90	87	78	78	77	93		60	71				66	71		15
14	83	85	82	74	74	72	89		56	66		78		62	67	66	14
13	79	81	78	70	70	68	85		52	62	74	74		58	64	62	13
12	75	77	74	67	66	64	81		48	57			58	54	60	58	12
11	71	72	70	63	62	60	77	60	43	53	66	65		50	56	54	11
10	67	68	66	60	58	56	73		39	48	61	60		46	53	50	10
9	63	63	62	56	54	52	68	50	35	44	57	56	44	42	49	46	9
8	60	59	57	53	50	48	64		31	39	53	51		38	45	42	8
7	56	55	53	49	46	44	60	41	27	34	49	47	35	34	42	38	7
6	52	50	49	45	42	40	56		23	30	45	42		30	38	34	6
5	48	46	45	42	38	36	52	31	18	25	40	38	25	26	34	30	5
4	44	42	41	38	34	31	48		14	21	36	33		22	31	26	4
3	40	37	37		30	27	43	21	10	16	32	29	15	18	27		3
2	36	33	32		26	23	39	17	6	12	28	24	11	14			2
1	32	29	28		22	19	35	12	2	7	23	20	6				1
0		24				15	31	7		3	19				16	11	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 13-15 years
Age: 75-79 years
Race: African American

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		91		100		100				100	100	100	97		19
18	92	100	87				100				99	100	100	93		18
17	88	96	83		96		100			92		98		89		17
16	84	92	80			89	95	87	90			94	97	85		16
15	80	88	76		86		91	84			85					15
14	75	83	73	70	81	80	86	80	81		81	85	88	77		14
13	71	79	69		76		82	76		76		80	84	73	60	13
12	67	75	66	64	71	72	77	72	72		72	76	79		56	12
11	63	70	62	61	66	68	72	68	68	67	67	71	75	65	52	11
10	59	66	59	57	61	64	68	65	63		63	67	70	61	49	10
9	55	62	55	54	56	59	63	61	59	59	58	62	66	57	45	9
8	50	58	52	51	51	55	59	57	54		54	57	61	53	41	8
7	46	53	48	48	46	51	54	53	50	51	49	53	57	49	38	7
6	42	49	45	45		47	49	49	45	47		48	53	45	34	6
5	38	45	41	42	36	42	45	46	41	43	40	44	48	41	30	5
4	34	40	37	39		38	40	42	36	39		39	44	37	26	4
3	29	36	34	36	26	34	36		32	34		35	39	33	23	3
2	25	32	30	33	21	30	31	34	27	30		30	35	29	19	2
1	21		27	30	16	26	27	30	23	26				25		1
0				27		21	22	27								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	87	88	97	94	100	100	100	100	100				94	96	19
18	83	85	92	88	100	100	98	100	100				90	92	18
17	80	81	86	83	100	100	94	100	98				86	88	17
16	76	78	81	78	96	99	90	98	94				82	84	16
15	73	74	75	72	92	94	86	94	89			83	78	80	15
14	69	70	70	67	88	90	82	89	85	81			74	76	14
13	66	67	64	62	84	86	78	84	80		78	77	70	72	13
12	62	63	58	56	80	81	74	80	76	74			67	68	12
11	59	59	53	51	76	77	70	75	71		71	71	63	64	11
10	56	56	47	46	72	73	66	70	67	66	68	68	59	60	10
9	52	52	42	40	68	68	61	66	62	63	64	65	55	56	9
8	49	49	36	35	63	64	57	61	58	59	61	62	51	52	8
7	45	45	31	30	59	60	53	56	53	55	58	59	47	48	7
6	42	41	25	24	55	55	49	51	48	52	54	56	43	44	6
5	38	38	20	19	51	51	45	47	44	48	51	53	39	40	5
4	35	34	14	14	47	47	41	42	39	44	47	50	36	36	4
3	31	30	8	9	43	42	37	37	35	41	44	47	32	32	3
2	28	27	3	3	39	38	33	33	30	37	41	44	28	28	2
1	25	23	0	0	35	34	29	28	26	34	37	41	24	24	1
0	21	20	0	0	31	30		23							0

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 13-15 years
Age: 80-85 years
Race: African American

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	100	100	98	93	100	79						19
18	69	75	100	100	100	94	89	96	75	79				100	18
17	64	70	100	100	100	90	85	92			92				17
16	60	66	100	100	96	86	82	88	67		88				16
15	56	62	100	96	91	82	78	84	63	69	84	75	66	89	15
14	52	57	98	92	87	79	74	80	60	66	80		63		14
13	47	53	93	87	83	75	70	76	56	63	77	68		81	13
12	43	49	88	83	79	71	67	72	52		73	65	57	76	12
11	39	44	83	79	74	67	63	68	48	56	69	61		72	11
10	35	40	77	74	70	63	59	64	44	53	65	58	52	68	10
9	31	36	72	70	66	59	55	60		50	62	54	49	63	9
8	26	31	67	66	62	55	52	56	36	47	58	50	46	59	8
7	22	27	62	61	57	51	48	52	32		54	47	43	55	7
6	18	23	57	57	53	47	44	48	28	40	50	43	40	50	6
5	14	18	52	52	49	44	40	44	24	37	46	40	37	46	5
4	9	14	47	48	45	40	37	40	20		43	36	35	42	4
3	5	10	41	44	41	36	33	37	17	31	39	33	32	37	3
2	1	5	36	39	36	32	29	33	13		35	29	29	33	2
1	0	1	31	35	32	28	25	29		24	31	25	26	29	1
0		0	26	31				25		21	28	22	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		94		100		77								19
18	99	100	100	90			100		72								18
17	95	100	97	86	86		100		68	80				70	79		17
16	91	96	93	83	82	82	100		64	75		88		66	75	74	16
15	87	92	89	79	78	78	96		60	71				62	71		15
14	83	88	85	75	74	74	92		56	66		79		58	68	66	14
13	79	83	80	72	70	70	88		52	62	74	74		54	64	62	13
12	75	79	76	68	66	66	84		48	57			59	50	60	58	12
11	71	75	72	65	62	62	79	60	43	53	66	65		46	57	54	11
10	67	70	68	61	58	57	75		39	48	61	61		42	53	50	10
9	63	66	64	58	54	53	71	51	35	44	57	56	44	38	49	46	9
8	60	62	59	54	50	49	67		31	39	53	52		34	46	42	8
7	56	57	55	50	46	45	63	41	27	34	49	47	35	30	42	38	7
6	52	53	51	47	42	41	59		23	30	45	43		26	38	34	6
5	48	49	47	43	38	37	54	32	18	25	40	38	25	22	35	30	5
4	44	44	43	40	34	33	50		14	21	36	34		18	31	26	4
3	40	40	39		30	29	46	22	10	16	32	30	15	14	27		3
2	36	36	34		26	25	42	17	6	12	28	25	11	10			2
1	32	31	30		22	20	38	12	2	7	23	21	6				1
0		27				16	34	8		3	19				16	10	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 13-15 years
Age: 80-85 years
Race: African American

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		91		100		100				100	100	100	98		19
18	93	100	88				100				100	100	100	94		18
17	89	97	84		98		100			94		100		90		17
16	84	93	81			91	99	91	92			95	99	86		16
15	80	89	77		88		94	87			87					15
14	76	85	74	70	82	82	90	83	83		82	86	90	78		14
13	72	80	70		77		85	79		78		82	86	74	60	13
12	68	76	67	64	72	74	80	75	74		73	77	81		56	12
11	64	72	63	61	67	70	76	72	70	69	69	73	77	66	52	11
10	59	67	60	58	62	66	71	68	65		64	68	72	62	49	10
9	55	63	56	55	57	61	67	64	61	61	60	64	68	58	45	9
8	51	59	52	52	52	57	62	60	56		55	59	63	54	41	8
7	47	55	49	49	47	53	57	56	52	53	51	55	59	50	38	7
6	43	50	45	45		49	53	53	47	49		50	55	46	34	6
5	38	46	42	42	37	44	48	49	43	45	42	46	50	42	30	5
4	34	42	38	39		40	44	45	38	40		41	46	39	26	4
3	30	37	35	36	27	36	39		34	36		36	41	35	23	3
2	26	33	31	33	22	32	35	37	29	32		32	37	31	19	2
1	22		28	30	17	28	30	33	25	28				27		1
0			27			23	25	30								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	88	90	100	96	100	100	100	100	100				95	97	19
18	84	86	94	91	100	100	100	100	100				92	93	18
17	81	83	89	85	100	100	96	100	100				88	89	17
16	78	79	83	80	99	100	92	100	96				84	85	16
15	74	75	78	75	95	96	88	96	92			86	80	81	15
14	71	72	72	69	91	91	84	92	87	85			76	78	14
13	67	68	67	64	87	87	80	87	83		81	80	72	74	13
12	64	64	61	59	82	83	76	82	78	78			68	70	12
11	60	61	55	53	78	78	72	78	74		75	74	64	66	11
10	57	57	50	48	74	74	68	73	69	70	71	71	60	62	10
9	53	54	44	43	70	70	63	68	65	67	68	68	57	58	9
8	50	50	39	38	66	65	59	64	60	63	64	65	53	54	8
7	47	46	33	32	62	61	55	59	55	59	61	62	49	50	7
6	43	43	28	27	58	57	51	54	51	56	58	59	45	46	6
5	40	39	22	22	54	52	47	49	46	52	54	56	41	42	5
4	36	36	16	16	50	48	43	45	42	48	51	53	37	38	4
3	33	32	11	11	46	44	39	40	37	45	47	50	33	34	3
2	29	28	5	6	41	39	35	35	33	41	44	47	29	30	2
1	26	25	0	0	37	35	31	31	28	37	41	44	26	26	1
0	22	21	0	0	33	31		26							0

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 16-17 years
Age: 20-34 years
Race: African American

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	77		90	86	82	80	80	82	75						19
18	72	81	85	81	78	77	76	78	71	71				82	18
17	68	76	79	77	74	73	72	74			77				17
16	64	72	74	73	69	69	69	70	63		73				16
15	60	68	69	68	65	65	65	66	59	61	69	70	57	69	15
14	55	63	64	64	61	61	61	62	55	58	66		54		14
13	51	59	59	59	57	57	57	58	51	55	62	63		60	13
12	47	55	54	55	52	53	54	54	47		58	59	49	56	12
11	43	50	49	51	48	49	50	50	43	49	54	55		51	11
10	39	46	43	46	44	46	46	46	39	45	50	52	43	47	10
9	34	42	38	42	40	42	42	42		42	47	48	40	43	9
8	30	37	33	38	35	38	39	38	32	39	43	45	37	38	8
7	26	33	28	33	31	34	35	34	28		39	41	34	34	7
6	22	29	23	29	27	30	31	30	24	32	35	38	32	30	6
5	17	24	18	24	23	26	27	26	20	29	32	34	29	25	5
4	13	20	13	20	19	22	23	22	16		28	30	26	21	4
3	9	16	8	16	14	18	20	19	12	23	24	27	23	17	3
2	5	11	2	11	10	14	16	15	8		20	23	20	12	2
1	0	7	0	7	6	11	12	11		16	16	20	17	8	1
0		3	0	3				7		13	13	16	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	80		83		79		83		78								19
18	76	76	78	75			79		74								18
17	72	71	74	72	71		75		70	74				81	71		17
16	68	67	70	68	67	66	71		66	69		79		77	67	70	16
15	64	63	66	65	63	62	67		62	65				73	64		15
14	60	58	62	61	59	58	63		58	60		70		69	60	62	14
13	56	54	58	57	55	54	58		54	56	71	65		65	56	58	13
12	52	50	53	54	51	49	54		49	51			55	61	53	54	12
11	49	45	49	50	47	45	50	53	45	47	63	56		57	49	50	11
10	45	41	45	47	43	41	46		41	42	59	52		53	45	46	10
9	41	37	41	43	39	37	42	44	37	37	54	47	41	49	42	42	9
8	37	32	37	40	35	33	38		33	33	50	43		45	38	38	8
7	33	28	33	36	31	29	33	34	29	28	46	38	31	41	34	34	7
6	29	24	28	32	27	25	29		24	24	42	34		37	31	30	6
5	25	19	24	29	23	21	25	25	20	19	37	29	22	33	27	26	5
4	21	15	20	25	19	17	21		16	15	33	25		29	23	22	4
3	17	11	16		15	12	17	15	12	10	29	21	12	25	20		3
2	13	6	12		11	8	12	11	8	6	25	16	7	21			2
1	9	2	8		7	4	8	6	4	1	21	12	2				1
0		0				0	4	1	0	16					9	6	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 16-17 years
Age: 20-34 years
Race: African American

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		92		86				88	89	89	84		19
18	83	85	78				81				84	85	85	80		18
17	79	81	74		82		77			74		80		76		17
16	75	77	71			68	72	66	71			76	76	72		16
15	71	73	67		72		68	62			71					15
14	66	68	64	66	67	60	63	59	62		66	67	67	64		14
13	62	64	60		62		59	55		58		62	63	60	60	13
12	58	60	57	59	57	51	54	51	53		57	58	58		56	12
11	54	55	53	56	52	47	49	47	48	50	53	53	54	52	52	11
10	50	51	50	53	47	43	45	43	44		48	49	50	48	49	10
9	45	47	46	50	42	38	40	40	39	41	44	44	45	44	45	9
8	41	43	43	47	37	34	36	36	35		39	39	41	40	41	8
7	37	38	39	44	32	30	31	32	30	33	35	35	36	36	38	7
6	33	34	36	41		26	26	28	26	29		30	32	32	34	6
5	29	30	32	38	22	22	22	24	21	25	26	26	27	28	30	5
4	25	26	28	35		17	17	21	17	21		21	23	24	27	4
3	20	21	25	32	12	13	13		12	17		17	19	20	23	3
2	16	17	21	29	7	9	8	13	8	13		12	14	16	19	2
1	12		18	26	2	5	4	9	3	8				12		1
0				22		0	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	73	74	87	84	83	86	82	87	84				78	79	19
18	70	70	82	78	79	82	78	83	79				74	75	18
17	66	67	76	73	75	77	74	78	75				70	71	17
16	63	63	71	68	70	73	70	73	70				67	67	16
15	59	60	65	62	66	69	65	69	66			59	63	63	15
14	56	56	60	57	62	65	61	64	61	57			59	59	14
13	52	52	54	52	58	60	57	59	57		56	53	55	55	13
12	49	49	48	46	54	56	53	54	52	49			51	51	12
11	45	45	43	41	50	52	49	50	48		49	47	47	47	11
10	42	42	37	36	46	47	45	45	43	42	46	44	43	43	10
9	39	38	32	30	42	43	41	40	39	38	43	41	39	40	9
8	35	34	26	25	38	39	37	36	34	35	39	38	36	36	8
7	32	31	21	20	33	34	33	31	29	31	36	35	32	32	7
6	28	27	15	15	29	30	29	26	25	27	33	32	28	28	6
5	25	23	9	9	25	26	25	22	20	24	29	29	24	24	5
4	21	20	4	4	21	21	21	17	16	20	26	26	20	20	4
3	18	16	0	0	17	17	17	12	11	16	22	23	16	16	3
2	14	13	0	0	13	13	13	7	7	13	19	20	12	12	2
1	11	9	0	0	9	8	9	3	2	9	16	17	8	8	1
0	8	5	0	0	5	4		0							0

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
 Education: 16-17 years
 Age: 35-39 years
 Race: African American

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	90	86	83	80	83	75						19
18	71	75	90	86	82	79	77	79	71	72				85	18
17	67	70	85	82	78	75	73	75			79				17
16	62	66	80	77	73	71	69	71	63		75				16
15	58	62	75	73	69	67	65	67	59	62	71	70	59	72	15
14	54	57	70	68	65	63	62	63	55	59	68		56		14
13	50	53	64	64	61	60	58	59	51	56	64	63		63	13
12	45	49	59	60	57	56	54	55	47		60	60	50	59	12
11	41	44	54	55	52	52	50	51	43	50	56	56		55	11
10	37	40	49	51	48	48	47	47	39	46	53	53	45	50	10
9	33	36	44	47	44	44	43	43		43	49	49	42	46	9
8	28	31	39	42	40	40	39	39	32	40	45	45	39	42	8
7	24	27	34	38	35	36	35	35	28		41	42	36	37	7
6	20	23	28	34	31	32	32	31	24	33	37	38	33	33	6
5	16	18	23	29	27	29	28	27	20	30	34	35	30	29	5
4	12	14	18	25	23	25	24	23	16		30	31	27	24	4
3	7	10	13	20	18	21	20	19	12	24	26	28	25	20	3
2	3	5	8	16	14	17	17	15	8		22	24	22	16	2
1	0	1	3	12	10	13	13	11		17	19	20	19	11	1
0		0	0	7				8		14	15	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	83		86		81		88		77								19
18	79	80	82	78			84		73								18
17	75	76	78	74	73		80		69	74				81	72		17
16	71	72	74	71	69	68	76		65	69		78		77	68	69	16
15	68	67	70	67	65	64	72		61	65				73	64		15
14	64	63	65	64	61	60	68		56	60		69		69	61	62	14
13	60	59	61	60	57	56	63		52	56	71	65		65	57	58	13
12	56	54	57	56	53	52	59		48	51			55	61	53	54	12
11	52	50	53	53	49	48	55	54	44	47	63	56		57	50	50	11
10	48	46	49	49	45	44	51		40	42	58	51		53	46	46	10
9	44	41	45	46	41	40	47	45	36	37	54	47	41	49	42	42	9
8	40	37	40	42	37	35	42		31	33	50	42		45	39	38	8
7	36	33	36	39	33	31	38	35	27	28	46	38	31	41	35	34	7
6	32	28	32	35	29	27	34		23	24	42	33		37	31	30	6
5	28	24	28	31	25	23	30	26	19	19	37	29	22	33	28	26	5
4	24	20	24	28	21	19	26		15	15	33	24		29	24	22	4
3	20	15	20		17	15	22	16	11	10	29	20	12	25	20		3
2	16	11	15		13	11	17	11	7	6	25	16	7	21			2
1	12	7	11		9	7	13	7	2	1	20	11	3				1
0		2				3	9	2		0	16				9	6	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 16-17 years
Age: 35-39 years
Race: African American

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

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 16-17 years
Age: 40-44 years
Race: African American

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		98	93	88	84	81	83	75						19
18	71	73	93	88	84	80	77	80	71	73				87	18
17	67	69	88	84	80	76	73	76			80				17
16	62	65	83	80	76	72	70	72	63		76				16
15	58	61	77	75	71	69	66	68	59	63	73	71	58	74	15
14	54	56	72	71	67	65	62	64	55	60	69		55		14
13	50	52	67	66	63	61	58	60	51	56	65	64		65	13
12	45	48	62	62	59	57	55	56	47		61	60	49	61	12
11	41	43	57	58	54	53	51	52	43	50	57	57		56	11
10	37	39	52	53	50	49	47	48	39	47	54	53	43	52	10
9	33	35	47	49	46	45	43	44		44	50	49	41	48	9
8	28	30	41	45	42	41	40	40	32	40	46	46	38	43	8
7	24	26	36	40	37	38	36	36	28		42	42	35	39	7
6	20	22	31	36	33	34	32	32	24	34	39	39	32	35	6
5	16	17	26	31	29	30	28	28	20	31	35	35	29	30	5
4	12	13	21	27	25	26	24	24	16		31	32	26	26	4
3	7	9	16	23	21	22	21	20	12	24	27	28	23	22	3
2	3	4	11	18	16	18	17	16	8		23	24	21	17	2
1	0	0	6	14	12	14	13	12		18	20	21	18	13	1
0		0	0	10				8		14	16	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	83		88		81		91		77								19
18	79	83	84	78			87		73								18
17	75	78	80	75	73		83		69	74				81	72		17
16	71	74	76	71	69	69	78		65	69		78		77	68	69	16
15	68	70	72	67	65	65	74		61	65				73	65		15
14	64	65	67	64	61	61	70		56	60		70		69	61	61	14
13	60	61	63	60	57	57	66		52	56	71	65		65	57	57	13
12	56	57	59	57	53	53	62		48	51			55	61	54	53	12
11	52	52	55	53	49	49	57	55	44	47	63	56		57	50	49	11
10	48	48	51	50	45	45	53		40	42	58	52		53	46	45	10
9	44	44	46	46	41	41	49	45	36	37	54	47	41	49	43	42	9
8	40	39	42	42	37	37	45		31	33	50	43		45	39	38	8
7	36	35	38	39	33	33	41	36	27	28	46	38	31	41	35	34	7
6	32	31	34	35	29	28	37		23	24	42	34		37	32	30	6
5	28	26	30	32	25	24	32	26	19	19	37	29	22	33	28	26	5
4	24	22	26	28	21	20	28		15	15	33	25		29	24	22	4
3	20	17	21		17	16	24	17	11	10	29	20	12	25	21		3
2	16	13	17		13	12	20	12	7	6	25	16	7	21			2
1	12	9	13		9	8	16	7	2	1	20	11	3				1
0		4				4	12	2		0	16				10	6	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 16-17 years
Age: 40-44 years
Race: African American

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

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 16-17 years
Age: 45-49 years
Race: African American

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	95	90	85	81	84	75						19
18	69	72	96	91	86	81	78	80	71	73				88	18
17	65	68	90	86	82	78	74	76			81				17
16	61	64	85	82	78	74	70	72	63		77				16
15	56	59	80	78	73	70	66	68	59	63	74	71	58	75	15
14	52	55	75	73	69	66	63	65	55	60	70		56		14
13	48	51	70	69	65	62	59	61	51	57	66	64		67	13
12	44	46	65	64	61	58	55	57	47		62	61	50	62	12
11	40	42	60	60	56	54	51	53	43	51	58	57		58	11
10	35	38	55	56	52	50	48	49	39	47	55	53	44	54	10
9	31	34	49	51	48	46	44	45		44	51	50	41	49	9
8	27	29	44	47	44	43	40	41	32	41	47	46	38	45	8
7	23	25	39	43	40	39	36	37	28		43	43	36	41	7
6	18	21	34	38	35	35	33	33	24	34	40	39	33	36	6
5	14	16	29	34	31	31	29	29	20	31	36	36	30	32	5
4	10	12	24	29	27	27	25	25	16		32	32	27	28	4
3	6	8	19	25	23	23	21	21	12	25	28	28	24	23	3
2	1	3	13	21	18	19	18	17	8		25	25	21	19	2
1	0	0	8	16	14	15	14	13		18	21	21	19	15	1
0		0	3	12				9		15	17	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	87		90		83		93		76								19
18	83	85	86	79			89		72								18
17	79	81	82	76	75		85		68	74				81	72		17
16	75	76	78	72	71	71	81		63	69		79		77	69	69	16
15	71	72	73	69	67	67	77		59	65				73	65		15
14	67	68	69	65	63	62	73		55	60		70		69	61	61	14
13	63	63	65	62	59	58	68		51	56	71	66		65	58	57	13
12	59	59	61	58	55	54	64		47	51			55	61	54	53	12
11	55	55	57	54	51	50	60	55	43	47	63	57		57	50	49	11
10	51	50	52	51	47	46	56		38	42	58	52		53	47	45	10
9	47	46	48	47	43	42	52	46	34	37	54	48	41	49	43	41	9
8	43	42	44	44	39	38	47		30	33	50	43		45	39	37	8
7	39	37	40	40	35	34	43	36	26	28	46	39	31	41	36	33	7
6	35	33	36	37	31	30	39		22	24	42	34		37	32	29	6
5	31	28	32	33	27	26	35	27	18	19	37	30	22	33	28	26	5
4	27	24	27	29	23	21	31		13	15	33	25		29	25	22	4
3	23	20	23		19	17	27	17	9	10	29	21	12	25	21		3
2	19	15	19		15	13	22	12	5	6	25	17	7	21			2
1	15	11	15		11	9	18	8	1	1	20	12	3				1
0		7				5	14	3		0	16				10	6	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 16-17 years
Age: 45-49 years
Race: African American

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

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 16-17 years
Age: 50-54 years
Race: African American

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	97	92	86	82	85	75						19
18	69	71	98	93	88	83	78	81	71	74				90	18
17	65	67	93	89	84	79	74	77			82				17
16	61	63	88	84	80	75	71	73	63		78				16
15	56	58	83	80	76	71	67	70	59	64	75	72	59	77	15
14	52	54	78	75	71	67	63	66	55	61	71		56		14
13	48	50	73	71	67	63	59	62	51	57	67	64		68	13
12	44	45	68	67	63	59	56	58	47		63	61	51	64	12
11	40	41	62	62	59	55	52	54	43	51	60	57		60	11
10	35	37	57	58	54	52	48	50	39	48	56	54	45	55	10
9	31	32	52	54	50	48	44	46		45	52	50	42	51	9
8	27	28	47	49	46	44	41	42	32	41	48	47	39	47	8
7	23	24	42	45	42	40	37	38	28		44	43	36	42	7
6	18	19	37	41	37	36	33	34	24	35	41	40	34	38	6
5	14	15	32	36	33	32	29	30	20	32	37	36	31	34	5
4	10	11	26	32	29	28	26	26	16		33	32	28	29	4
3	6	6	21	27	25	24	22	22	12	25	29	29	25	25	3
2	1	2	16	23	20	21	18	18	8		26	25	22	21	2
1	0	0	11	19	16	17	14	14		19	22	22	19	16	1
0		0	6	14				10		15	18	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 SCR N	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	87		92		83		96		76								19
18	83	87	88	81			92		72								18
17	79	83	84	77	75		88		68	74				80	73		17
16	75	79	79	73	71	72	83		63	69		80		76	69	69	16
15	71	74	75	70	67	68	79		59	65				72	65		15
14	67	70	71	66	63	64	75		55	60		71		68	62	61	14
13	63	66	67	63	59	60	71		51	56	71	66		64	58	57	13
12	59	61	63	59	55	55	67		47	51			55	60	54	53	12
11	55	57	59	56	51	51	62	56	43	47	63	57		56	51	49	11
10	51	53	54	52	47	47	58		38	42	58	53		52	47	45	10
9	47	48	50	49	43	43	54	46	34	37	54	48	41	48	43	41	9
8	43	44	46	45	39	39	50		30	33	50	44		44	40	37	8
7	39	39	42	41	35	35	46	37	26	28	46	40	31	40	36	33	7
6	35	35	38	38	31	31	42		22	24	42	35		36	32	29	6
5	31	31	33	34	27	27	37	27	18	19	37	31	22	32	29	25	5
4	27	26	29	31	23	23	33		13	15	33	26		28	25	21	4
3	23	22	25		19	19	29	18	9	10	29	22	12	24	21		3
2	19	18	21		15	14	25	13	5	6	25	17	8	20			2
1	15	13	17		11	10	21	8	1	1	20	13	3				1
0		9				6	17	3	0	16					10	6	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 16-17 years
Age: 50-54 years
Race: African American

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		99		94				95	97	99	90		19
18	86	91	82				89				91	92	94	86		18
17	82	87	78		88		85			83		88		82		17
16	78	82	74			77	80	73	79			83	85	78		16
15	74	78	71		78		75	69			77					15
14	69	74	67	67	73	68	71	66	70		73	74	76	70		14
13	65	70	64		68		66	62		66		70	72	66	60	13
12	61	65	60	61	63	60	62	58	61		64	65	68		56	12
11	57	61	57	58	58	56	57	54	56	58	60	61	63	58	52	11
10	53	57	53	55	53	51	52	50	52		55	56	59	54	49	10
9	48	52	50	52	48	47	48	47	47	50	51	52	54	50	45	9
8	44	48	46	49	43	43	43	43	43		46	47	50	46	41	8
7	40	44	43	46	38	39	39	39	38	42	42	42	45	42	38	7
6	36	40	39	42		35	34	35	34	38		38	41	38	34	6
5	32	35	36	39	28	30	30	31	29	33	33	33	37	34	30	5
4	27	31	32	36		26	25	28	25	29		29	32	30	26	4
3	23	27	29	33	18	22	20		20	25		24	28	26	23	3
2	19	22	25	30	13	18	16	20	16	21		20	23	22	19	2
1	15		21	27	8	13	11	16	11	17				18		1
0			24			9	7	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	79	81	90	86	94	98	91	99	95				86	87	19
18	76	77	85	81	90	93	87	95	91				82	83	18
17	72	73	79	76	86	89	83	90	86				78	79	17
16	69	70	74	70	82	85	79	85	82				74	75	16
15	65	66	68	65	78	80	75	81	77			69	70	71	15
14	62	62	62	60	74	76	71	76	72	65			66	67	14
13	58	59	57	54	70	72	67	71	68		62	63	62	63	13
12	55	55	51	49	66	67	62	66	63	58			59	59	12
11	51	52	46	44	62	63	58	62	59		56	57	55	55	11
10	48	48	40	39	58	59	54	57	54	51	52	54	51	51	10
9	45	44	35	33	53	54	50	52	50	47	49	51	47	47	9
8	41	41	29	28	49	50	46	48	45	44	46	48	43	43	8
7	38	37	23	23	45	46	42	43	41	40	42	45	39	39	7
6	34	33	18	17	41	41	38	38	36	36	39	42	35	35	6
5	31	30	12	12	37	37	34	34	32	33	35	39	31	32	5
4	27	26	7	7	33	33	30	29	27	29	32	36	27	28	4
3	24	23	1	1	29	28	26	24	22	25	29	33	24	24	3
2	20	19	0	0	25	24	22	19	18	22	25	30	20	20	2
1	17	15	0	0	21	20	18	15	13	18	22	27	16	16	1
0	14	12	0	0	16	16		10							0

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 16-17 years
Age: 55-59 years
Race: African American

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

(continued)

APPENDIX E (continued)

Sex: Male
Education: 16-17 years
Age: 55-59 years
Race: African American

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

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 16-17 years
Age: 60-64 years
Race: African American

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	100	97	89	84	88	75						19
18	68	73	100	98	92	85	80	84	71	75				93	18
17	63	69	99	93	88	81	76	80			84				17
16	59	64	94	89	84	77	73	76	63		81				16
15	55	60	88	85	80	73	69	72	59	65	77	72	61	80	15
14	51	56	83	80	75	70	65	68	55	62	73		58		14
13	46	51	78	76	71	66	61	64	51	58	69	65		72	13
12	42	47	73	71	67	62	57	60	47		65	62	52	67	12
11	38	43	68	67	63	58	54	56	43	52	62	58		63	11
10	34	38	63	63	59	54	50	52	39	49	58	55	47	59	10
9	29	34	58	58	54	50	46	49		46	54	51	44	54	9
8	25	30	53	54	50	46	42	45	32	42	50	47	41	50	8
7	21	25	47	50	46	42	39	41	28		47	44	38	46	7
6	17	21	42	45	42	39	35	37	24	36	43	40	35	41	6
5	13	17	37	41	37	35	31	33	20	33	39	37	32	37	5
4	8	12	32	36	33	31	27	29	16		35	33	30	33	4
3	4	8	27	32	29	27	24	25	12	26	32	30	27	28	3
2	0	4	22	28	25	23	20	21	8		28	26	24	24	2
1	0	0	17	23	20	19	16	17		20	24	22	21	20	1
0		0	11	19				13		16	20	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	93		96		88		100		75								19
18	90	95	91	83			97		70								18
17	86	91	87	80	80		92		66	74				77	73		17
16	82	86	83	76	76	78	88		62	69		81		73	70	69	16
15	78	82	79	72	72	74	84		58	65				69	66		15
14	74	78	75	69	68	70	80		54	60		72		65	62	61	14
13	70	73	71	65	64	66	76		50	56	71	68		61	59	57	13
12	66	69	66	62	60	62	72		45	51			56	57	55	53	12
11	62	65	62	58	56	58	67	57	41	47	63	59		53	51	49	11
10	58	60	58	55	52	53	63		37	42	58	54		49	48	45	10
9	54	56	54	51	48	49	59	47	33	37	54	50	41	45	44	41	9
8	50	52	50	47	44	45	55		29	33	50	45		41	40	37	8
7	46	47	46	44	40	41	51	38	25	28	46	41	32	37	37	33	7
6	42	43	41	40	36	37	47		20	24	41	36		33	33	29	6
5	38	39	37	37	32	33	42	28	16	19	37	32	22	29	29	25	5
4	34	34	33	33	28	29	38		12	15	33	27		25	26	21	4
3	30	30	29		24	25	34	19	8	10	29	23	12	21	22		3
2	26	26	25		20	21	30	14	4	6	25	18	8	17			2
1	22	21	20		16	17	26	9	0	1	20	14	3				1
0		17				12	21	4		0	16				11	5	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 16-17 years
Age: 60-64 years
Race: African American

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		87		100		98				98	100	100	92		19
18	87	93	83				94				94	95	98	88		18
17	83	89	79		91		89			86		91		84		17
16	79	85	76			80	84	77	82			86	89	80		16
15	75	80	72		81		80	74			80					15
14	71	76	69	68	76	72	75	70	73		76	77	80	72		14
13	66	72	65		71		71	66		70		73	76	68	60	13
12	62	67	62	62	66	63	66	62	64		67	68	71		56	12
11	58	63	58	59	61	59	61	58	60	62	62	64	67	60	52	11
10	54	59	55	55	56	55	57	54	55		58	59	62	56	49	10
9	50	55	51	52	51	51	52	51	51	53	53	55	58	52	45	9
8	45	50	48	49	46	47	48	47	46		49	50	54	48	41	8
7	41	46	44	46	41	42	43	43	42	45	44	46	49	44	38	7
6	37	42	41	43		38	39	39	37	41		41	45	40	34	6
5	33	37	37	40	30	34	34	35	33	37	35	36	40	36	30	5
4	29	33	33	37		30	29	32	28	33		32	36	32	26	4
3	24	29	30	34	20	25	25		24	29		27	31	28	23	3
2	20	25	26	31	15	21	20	24	19	24		23	27	24	19	2
1	16		23	28	10	17	16	20	15	20				20		1
0				25		13	11	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	81	83	93	89	99	100	94	100	100				89	90	19
18	78	79	87	83	95	99	90	99	95				85	86	18
17	75	76	81	78	91	94	86	95	91				81	82	17
16	71	72	76	73	87	90	82	90	86				77	78	16
15	68	69	70	67	83	86	78	85	81			74	73	74	15
14	64	65	65	62	79	81	74	81	77	71			69	70	14
13	61	61	59	57	75	77	70	76	72		68	68	65	66	13
12	57	58	54	51	70	73	66	71	68	63			61	62	12
11	54	54	48	46	66	68	62	67	63		61	62	58	58	11
10	50	51	42	41	62	64	58	62	59	56	58	59	54	54	10
9	47	47	37	35	58	60	54	57	54	52	54	56	50	50	9
8	44	43	31	30	54	55	50	52	50	49	51	53	46	47	8
7	40	40	26	25	50	51	46	48	45	45	47	50	42	43	7
6	37	36	20	20	46	47	42	43	41	41	44	47	38	39	6
5	33	32	15	14	42	42	38	38	36	38	41	44	34	35	5
4	30	29	9	9	38	38	34	34	31	34	37	41	30	31	4
3	26	25	4	4	33	34	30	29	27	30	34	38	27	27	3
2	23	22	0	0	29	29	26	24	22	27	30	35	23	23	2
1	19	18	0	0	25	25	22	20	18	23	27	32	19	19	1
0	16	14	0	0	21	21		15							0

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 16-17 years
Age: 65-69 years
Race: African American

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	100	99	90	85	90	77						19
18	66	72	100	100	94	86	81	86	74	75				95	18
17	62	68	100	96	90	82	77	82			85				17
16	57	63	96	91	86	79	74	78	66		82				16
15	53	59	91	87	82	75	70	74	62	65	78	73	62	82	15
14	49	55	86	82	78	71	66	70	58	62	74		59		14
13	45	50	81	78	73	67	62	66	54	59	70	66		73	13
12	41	46	76	74	69	63	59	62	50		67	62	53	69	12
11	36	42	71	69	65	59	55	58	46	52	63	59		65	11
10	32	37	66	65	61	55	51	54	42	49	59	55	47	60	10
9	28	33	60	61	56	51	47	50		46	55	51	45	56	9
8	24	29	55	56	52	47	44	46	34	43	51	48	42	52	8
7	19	24	50	52	48	44	40	42	31		48	44	39	47	7
6	15	20	45	48	44	40	36	38	27	36	44	41	36	43	6
5	11	16	40	43	39	36	32	34	23	33	40	37	33	39	5
4	7	11	35	39	35	32	29	31	19		36	34	30	34	4
3	2	7	30	34	31	28	25	27	15	27	33	30	27	30	3
2	0	3	24	30	27	24	21	23	11		29	26	25	26	2
1	0	0	19	26	23	20	17	19		20	25	23	22	21	1
0		0	14	21				15		17	21	19	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	97		97		89		100		73								19
18	93	97	93	84			99		69								18
17	89	93	89	81	81		95		65	74				75	74		17
16	85	89	85	77	78	79	91		61	69		82		71	70	69	16
15	81	84	81	74	74	75	87		57	65				67	66		15
14	77	80	77	70	70	71	82		52	60		73		63	63	61	14
13	73	76	72	67	66	67	78		48	56	71	68		59	59	57	13
12	69	71	68	63	62	63	74		44	51			56	55	55	53	12
11	65	67	64	59	58	59	70	57	40	47	63	59		51	52	49	11
10	61	63	60	56	54	55	66		36	42	58	55		47	48	45	10
9	57	58	56	52	50	51	62	48	32	37	54	50	41	43	44	41	9
8	53	54	52	49	46	47	57		27	33	50	46		39	41	37	8
7	49	50	47	45	42	42	53	38	23	28	46	41	32	35	37	33	7
6	45	45	43	42	38	38	49		19	24	41	37		31	33	29	6
5	41	41	39	38	34	34	45	29	15	19	37	32	22	27	30	25	5
4	37	37	35	34	30	30	41		11	15	33	28		23	26	21	4
3	33	32	31		26	26	36	19	7	10	29	24	12	19	22		3
2	29	28	26		22	22	32	14	3	6	25	19	8	15			2
1	25	24	22		18	18	28	9	0	1	20	15	3				1
0		19				14	24	5		0	16				11	5	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 16-17 years
Age: 65-69 years
Race: African American

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

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 16-17 years
Age: 70-74 years
Race: African American

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	69		100	100	100	91	86	92	77						19
18	64	71	100	100	97	87	82	88	74	76				97	18
17	60	66	100	98	92	84	79	84			87				17
16	56	62	99	94	88	80	75	80	66		83				16
15	52	58	94	89	84	76	71	76	62	66	79	73	62	84	15
14	47	53	89	85	80	72	67	72	58	63	75		60		14
13	43	49	84	80	75	68	64	68	54	59	71	66		75	13
12	39	45	79	76	71	64	60	64	50		68	62	54	71	12
11	35	41	73	72	67	60	56	60	46	53	64	59		66	11
10	30	36	68	67	63	56	52	56	42	50	60	55	48	62	10
9	26	32	63	63	58	53	49	52		47	56	52	45	58	9
8	22	28	58	59	54	49	45	48	34	43	53	48	43	53	8
7	18	23	53	54	50	45	41	44	31		49	45	40	49	7
6	13	19	48	50	46	41	37	40	27	37	45	41	37	45	6
5	9	15	43	45	42	37	34	37	23	34	41	38	34	40	5
4	5	10	37	41	37	33	30	33	19		37	34	31	36	4
3	1	6	32	37	33	29	26	29	15	27	34	30	28	32	3
2	0	2	27	32	29	25	22	25	11		30	27	25	27	2
1	0	0	22	28	25	22	19	21		21	26	23	23	23	1
0		0	17	24				17		17	22	20	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 SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	100		99		91		100		72								19
18	96	100	95	86			100		68								18
17	92	95	91	82	83		97		64	74				72	74		17
16	88	91	87	79	79	81	93		59	69		82		68	70	69	16
15	84	87	83	75	75	76	89		55	65				64	67		15
14	80	82	78	71	71	72	85		51	60		73		60	63	61	14
13	76	78	74	68	67	68	81		47	56	71	69		56	59	57	13
12	72	74	70	64	64	64	77		43	51			56	52	56	53	12
11	68	69	66	61	60	60	72	58	39	47	63	60		48	52	49	11
10	64	65	62	57	56	56	68		34	42	58	55		44	48	45	10
9	60	61	58	54	52	52	64	48	30	37	54	51	41	40	45	41	9
8	56	56	53	50	48	48	60		26	33	50	46		36	41	37	8
7	52	52	49	46	44	44	56	39	22	28	46	42	32	32	37	33	7
6	48	48	45	43	40	40	51		18	24	41	37		28	34	29	6
5	44	43	41	39	36	35	47	29	14	19	37	33	22	24	30	25	5
4	40	39	37	36	32	31	43		10	15	33	29		20	26	21	4
3	36	35	33		28	27	39	19	5	10	29	24	13	16	23		3
2	32	30	28		24	23	35	15	1	6	25	20	8	12			2
1	28	26	24		20	19	31	10	0	1	20	15	3				1
0		21				15	26	5		0	16				12	5	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 16-17 years
Age: 70-74 years
Race: African American

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		100		100				100	100	100	94		19
18	88	95	84				99				97	98	100	90		18
17	84	91	81		93		94			90		94		86		17
16	80	87	77			84	90	82	86			89	93	82		16
15	76	82	74		83		85	78			83					15
14	72	78	70	68	78	75	80	74	77		79	80	84	74		14
13	68	74	67		73		76	71		73		76	79	71	60	13
12	63	70	63	62	68	67	71	67	68		70	71	75		56	12
11	59	65	60	59	63	63	67	63	63	65	65	67	70	63	52	11
10	55	61	56	56	58	59	62	59	59		61	62	66	59	49	10
9	51	57	53	53	53	54	58	55	54	57	56	58	62	55	45	9
8	47	53	49	50	48	50	53	52	50		52	53	57	51	41	8
7	42	48	46	47	43	46	48	48	45	48	47	49	53	47	38	7
6	38	44	42	44		42	44	44	40	44		44	48	43	34	6
5	34	40	38	41	33	37	39	40	36	40	38	39	44	39	30	5
4	30	35	35	38		33	35	36	31	36		35	39	35	26	4
3	26	31	31	34	23	29	30		27	32		30	35	31	23	3
2	21	27	28	31	18	25	25	29	22	28		26	31	27	19	2
1	17		24	28	13	21	21	25	18	24				23		1
0				25		16	16	21								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	84	86	96	92	100	100	98	100	100				92	93	19	
18	80	82	90	86	100	100	94	100	100				88	89	18	
17	77	78	85	81	96	99	90	99	95				84	85	17	
16	73	75	79	76	92	94	86	95	91				80	81	16	
15	70	71	74	70	87	90	82	90	86			79	76	77	15	
14	67	68	68	65	83	86	78	85	81	77			72	73	14	
13	63	64	62	60	79	82	74	81	77		74	73	68	69	13	
12	60	60	57	54	75	77	70	76	72	69			64	65	12	
11	56	57	51	49	71	73	66	71	68		67	67	61	61	11	
10	53	53	46	44	67	69	62	67	63	62	63	64	57	58	10	
9	49	49	40	39	63	64	58	62	59	58	60	61	53	54	9	
8	46	46	35	33	59	60	54	57	54	55	57	58	49	50	8	
7	42	42	29	28	55	56	50	52	50	51	53	55	45	46	7	
6	39	39	23	23	50	51	45	48	45	47	50	52	41	42	6	
5	36	35	18	17	46	47	41	43	41	44	46	49	37	38	5	
4	32	31	12	12	42	43	37	38	36	40	43	46	33	34	4	
3	29	28	7	7	38	38	33	34	31	36	40	43	30	30	3	
2	25	24	1	1	34	34	29	29	27	33	36	40	26	26	2	
1	22	21	0	0	30	30	25	24	22	29	33	37	22	22	1	
0	18	17	0	0	26	25		20							0	

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 16-17 years
Age: 75-79 years
Race: African American

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	67		100	100	100	93	88	94	77						19
18	63	70	100	100	99	89	84	90	74	76				98	18
17	58	65	100	100	94	85	80	86			88				17
16	54	61	100	96	90	81	76	82	66		84				16
15	50	57	97	92	86	77	73	79	62	66	80	74	63	85	15
14	46	52	92	87	82	73	69	75	58	63	76		60		14
13	41	48	86	83	77	69	65	71	54	60	72	66		77	13
12	37	44	81	78	73	65	61	67	50		69	63	55	72	12
11	33	39	76	74	69	62	58	63	46	53	65	59		68	11
10	29	35	71	70	65	58	54	59	42	50	61	56	49	64	10
9	25	31	66	65	61	54	50	55		47	57	52	46	59	9
8	20	26	61	61	56	50	46	51	34	44	54	49	43	55	8
7	16	22	56	57	52	46	43	47	31		50	45	40	51	7
6	12	18	51	52	48	42	39	43	27	37	46	41	38	46	6
5	8	13	45	48	44	38	35	39	23	34	42	38	35	42	5
4	3	9	40	43	39	34	31	35	19		38	34	32	38	4
3	0	5	35	39	35	31	28	31	15	28	35	31	29	33	3
2	0	1	30	35	31	27	24	27	11		31	27	26	29	2
1	0	0	25	30	27	23	20	23		21	27	24	23	25	1
0		0	20	26				19		18	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		93		100		71								19
18	99	100	97	87			100		66								18
17	95	98	93	83	85		100		62	74				69	74		17
16	91	93	89	80	81	82	96		58	69		83		65	71	69	16
15	87	89	84	76	77	78	92		54	65				61	67		15
14	83	85	80	73	73	74	87		50	60		74		57	63	61	14
13	79	80	76	69	69	69	83		46	56	71	69		53	60	57	13
12	75	76	72	66	65	65	79		41	51			56	49	56	53	12
11	71	72	68	62	61	61	75	58	37	47	63	60		45	52	49	11
10	67	67	64	58	57	57	71		33	42	58	56		41	49	45	10
9	63	63	59	55	53	53	67	49	29	37	54	51	41	37	45	41	9
8	59	59	55	51	50	49	62		25	33	50	47		33	41	37	8
7	55	54	51	48	46	45	58	39	21	28	46	42	32	29	38	33	7
6	51	50	47	44	42	41	54		17	24	41	38		25	34	29	6
5	47	46	43	41	38	37	50	30	12	19	37	34	22	21	30	25	5
4	43	41	39	37	34	33	46		8	15	33	29		17	27	21	4
3	39	37	34		30	28	41	20	4	10	29	25	13	13	23		3
2	36	32	30		26	24	37	15	0	6	25	20	8	9			2
1	32	28	26		22	20	33	10	0	1	20	16	3				1
0		24				16	29	6	0	0	16				12	5	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 16-17 years
Age: 75-79 years
Race: African American

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

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 16-17 years
Age: 80-85 years
Race: African American

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	67		100	100	100	94	90	97	77						19
18	63	68	100	100	100	90	86	93	74	77				100	18
17	58	64	100	100	97	86	82	89			89				17
16	54	60	100	98	92	82	78	85	66		85				16
15	50	56	100	94	88	78	75	82	62	67	81	74	64	87	15
14	46	51	95	90	84	75	71	78	58	64	77		61		14
13	41	47	89	85	80	71	67	74	54	60	74	67		79	13
12	37	43	84	81	76	67	63	70	50		70	63	56	74	12
11	33	38	79	77	71	63	60	66	46	54	66	60		70	11
10	29	34	74	72	67	59	56	62	42	51	62	56	50	66	10
9	25	30	69	68	63	55	52	58		48	59	53	47	61	9
8	20	25	64	64	59	51	48	54	34	44	55	49	44	57	8
7	16	21	59	59	54	47	45	50	31		51	45	41	53	7
6	12	17	54	55	50	43	41	46	27	38	47	42	39	48	6
5	8	12	48	50	46	40	37	42	23	35	43	38	36	44	5
4	3	8	43	46	42	36	33	38	19		40	35	33	39	4
3	0	4	38	42	37	32	30	34	15	28	36	31	30	35	3
2	0	0	33	37	33	28	26	30	11		32	28	27	31	2
1	0	0	28	33	29	24	22	26		22	28	24	24	26	1
0		0	23	29				22		18	25	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		93		100		71								19
18	99	100	99	88			100		66								18
17	95	100	95	85	85		100		62	74				65	75		17
16	91	96	91	81	81	83	98		58	69		83		61	71	69	16
15	87	92	86	78	77	79	94		54	65				57	67		15
14	83	87	82	74	73	75	90		50	60		74		53	64	61	14
13	79	83	78	71	69	71	86		46	56	71	70		49	60	57	13
12	75	78	74	67	65	67	82		41	51			56	45	56	53	12
11	71	74	70	63	61	63	78	59	37	47	63	61		41	53	49	11
10	67	70	66	60	57	58	73		33	42	58	56		37	49	45	10
9	63	65	61	56	53	54	69	49	29	37	54	52	41	33	45	41	9
8	59	61	57	53	50	50	65		25	33	50	48		29	42	37	8
7	55	57	53	49	46	46	61	40	21	28	46	43	32	25	38	33	7
6	51	52	49	46	42	42	57		17	24	41	39		21	34	29	6
5	47	48	45	42	38	38	53	30	12	19	37	34	22	17	31	25	5
4	43	44	41	38	34	34	48		8	15	33	30		13	27	21	4
3	39	39	36		30	30	44	20	4	10	29	25	13	9	23		3
2	36	35	32		26	26	40	16	0	6	24	21	8	5			2
1	32	31	28		22	22	36	11	0	1	20	16	3				1
0		26				17	32	6	0	0	16				12	5	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 16-17 years
Age: 80-85 years
Race: African American

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		89		100		100				100	100	100	97		19
18	90	98	86				100				99	100	100	93		18
17	86	93	82		96		100			93		97		89		17
16	81	89	79			88	96	88	89			92	96	85		16
15	77	85	75		86		91	84			86					15
14	73	81	72	69	81	79	87	80	80		81	83	88	77		14
13	69	76	68		76		82	76		77		79	83	73	60	13
12	65	72	65	63	71	71	78	73	71		72	74	79		56	12
11	60	68	61	60	66	66	73	69	67	69	68	70	74	65	52	11
10	56	63	58	57	61	62	68	65	62		64	65	70	61	49	10
9	52	59	54	54	56	58	64	61	58	60	59	61	65	57	45	9
8	48	55	51	51	51	54	59	57	53		55	56	61	53	41	8
7	44	51	47	47	46	50	55	54	48	52	50	52	57	49	38	7
6	39	46	44	44		45	50	50	44	48		47	52	45	34	6
5	35	42	40	41	35	41	46	46	39	44	41	43	48	41	30	5
4	31	38	36	38		37	41	42	35	40		38	43	37	26	4
3	27	33	33	35	25	33	36		30	36		34	39	33	23	3
2	23	29	29	32	20	28	32	35	26	31		29	34	29	19	2
1	18		26	29	15	24	27	31	21	27				25		1
0			26			20	23	27								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	86	88	100	96	100	100	100	100	100				95	96	19
18	83	85	95	91	100	100	98	100	100				91	92	18
17	79	81	89	85	100	100	94	100	100				87	88	17
16	76	77	84	80	96	97	90	100	95				83	85	16
15	73	74	78	75	92	93	86	95	91			85	79	81	15
14	69	70	72	69	88	89	82	90	86	84			75	77	14
13	66	67	67	64	84	85	78	86	82		80	79	71	73	13
12	62	63	61	59	80	80	74	81	77	77			68	69	12
11	59	59	56	53	76	76	70	76	72		73	73	64	65	11
10	55	56	50	48	72	72	66	72	68	69	70	70	60	61	10
9	52	52	45	43	68	67	61	67	63	66	66	67	56	57	9
8	48	49	39	38	64	63	57	62	59	62	63	64	52	53	8
7	45	45	34	32	60	59	53	58	54	58	60	61	48	49	7
6	42	41	28	27	55	54	49	53	50	55	56	58	44	45	6
5	38	38	22	22	51	50	45	48	45	51	53	55	40	41	5
4	35	34	17	16	47	46	41	43	41	47	50	52	37	37	4
3	31	30	11	11	43	41	37	39	36	44	46	49	33	33	3
2	28	27	6	6	39	37	33	34	32	40	43	46	29	29	2
1	24	23	0	0	35	33	29	29	27	36	39	43	25	25	1
0	21	20	0	0	31	28		25							0

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 18-20 years
Age: 20-34 years
Race: African American

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	77		86	84	79	76	76	79	75						19	
18	72	74	81	79	75	73	73	75	71	69				79	18	
17	68	70	76	75	70	69	69	71			74				17	
16	64	66	71	71	66	65	65	67	63		70				16	
15	60	62	66	66	62	61	61	64	59	59	66	68	55	66	15	
14	55	57	61	62	58	57	58	60	55	56	63		53		14	
13	51	53	56	57	54	53	54	56	51	53	59	61		58	13	
12	47	49	50	53	49	49	50	52	47		55	58	47	53	12	
11	43	44	45	49	45	45	46	48	43	46	51	54		49	11	
10	39	40	40	44	41	42	43	44	39	43	47	50	41	45	10	
9	34	36	35	40	37	38	39	40		40	44	47	38	40	9	
8	30	31	30	36	32	34	35	36	32	36	40	43	36	36	8	
7	26	27	25	31	28	30	31	32	28		36	40	33	32	7	
6	22	23	20	27	24	26	28	28	24	30	32	36	30	27	6	
5	17	18	14	22	20	22	24	24	20	27	29	33	27	23	5	
4	13	14	9	18	15	18	20	20	16		25	29	24	19	4	
3	9	10	4	14	11	14	16	16	12	20	21	25	21	14	3	
2	5	5	0	9	7	10	13	12	8		17	22	18	10	2	
1	0	1	0	5	3	7	9	8		14	13	18	16	6	1	
0		0	0	1				4		11	10	15	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 SCRN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	80		80		79		82		78								19
18	76	72	76	74			77		74								18
17	72	68	72	70	71		73		70	68				76	67		17
16	68	63	68	67	67	63	69		66	63		74		72	63	64	16
15	64	59	64	63	63	59	65		62	59				68	59		15
14	60	55	60	60	59	55	61		58	54		65		64	56	56	14
13	56	50	55	56	55	51	57		54	50	68	61		60	52	52	13
12	52	46	51	53	51	47	52		49	45			52	56	49	48	12
11	49	42	47	49	47	43	48	52	45	41	60	52		52	45	44	11
10	45	37	43	45	43	39	44		41	36	55	47		48	41	40	10
9	41	33	39	42	39	34	40	42	37	31	51	43	38	44	38	36	9
8	37	29	35	38	35	30	36		33	27	47	38		40	34	32	8
7	33	24	30	35	31	26	31	33	29	22	43	34	28	36	30	28	7
6	29	20	26	31	27	22	27		24	18	38	30		32	27	24	6
5	25	15	22	28	23	18	23	23	20	13	34	25	19	28	23	20	5
4	21	11	18	24	19	14	19		16	9	30	21		24	19	16	4
3	17	7	14		15	10	15	14	12	4	26	16	9	20	16		3
2	13	2	10		11	6	11	9	8	0	22	12	4	16			2
1	9	0	5		7	2	6	4	4	0	17	7	0				1
0		0				0	2	0		0	13				5	1	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 18-20 years
Age: 20-34 years
Race: African American

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		80		91		83				88	86	87	82		19
18	80	81	77				79				83	82	83	78		18
17	76	77	73		81		74			74		77		74		17
16	72	73	70			65	70	64	67			73	74	70		16
15	67	69	66		71		65	60			70					15
14	63	64	63	64	66	56	60	56	58		65	64	65	62		14
13	59	60	59		61		56	52		57		59	60	58	60	13
12	55	56	56	58	55	48	51	48	49		56	55	56		56	12
11	51	51	52	55	50	44	47	44	45	49	52	50	52	51	52	11
10	47	47	49	52	45	39	42	41	40		47	46	47	47	49	10
9	42	43	45	49	40	35	37	37	36	41	43	41	43	43	45	9
8	38	39	41	46	35	31	33	33	31		38	37	38	39	41	8
7	34	34	38	43	30	27	28	29	27	32	34	32	34	35	38	7
6	30	30	34	40		22	24	25	22	28		28	29	31	34	6
5	26	26	31	37	20	18	19	22	18	24	25	23	25	27	30	5
4	21	22	27	34		14	15	18	13	20		18	21	23	27	4
3	17	17	24	31	10	10	10		9	16		14	16	19	23	3
2	13	13	20	28	5	6	5	10	4	12		9	12	15	19	2
1	9		17	24	0	1	1	6	0	8				11		1
0				21		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	71	73	88	84	80	84	80	86	83				78	78	19	
18	68	69	82	78	76	79	76	81	78				74	74	18	
17	65	65	77	73	72	75	72	77	74				70	70	17	
16	61	62	71	68	68	71	68	72	69				66	66	16	
15	58	58	65	62	64	66	63	67	65			58	62	62	15	
14	54	55	60	57	60	62	59	63	60	55			58	58	14	
13	51	51	54	52	56	58	55	58	56		55	52	55	54	13	
12	47	47	49	46	52	53	51	53	51	48			51	50	12	
11	44	44	43	41	47	49	47	48	46		48	46	47	47	11	
10	40	40	38	36	43	45	43	44	42	41	45	43	43	43	10	
9	37	36	32	30	39	41	39	39	37	37	41	40	39	39	9	
8	34	33	27	25	35	36	35	34	33	34	38	37	35	35	8	
7	30	29	21	20	31	32	31	30	28	30	35	34	31	31	7	
6	27	26	15	15	27	28	27	25	24	26	31	31	27	27	6	
5	23	22	10	9	23	23	23	20	19	23	28	28	23	23	5	
4	20	18	4	4	19	19	19	16	15	19	24	25	20	19	4	
3	16	15	0	0	15	15	15	11	10	15	21	22	16	15	3	
2	13	11	0	0	11	10	11	6	6	12	18	19	12	11	2	
1	9	8	0	0	6	6	7	1	1	8	14	16	8	7	1	
0	6	4	0	0	2	2		0							0	

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 18-20 years
Age: 35-39 years
Race: African American

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	88	83	79	77	80	75						19
18	71	72	87	84	79	75	73	76	71	70				83	18
17	67	68	82	80	75	71	70	72			76				17
16	62	64	76	75	70	67	66	68	63		72				16
15	58	59	71	71	66	63	62	64	59	60	68	69	57	70	15
14	54	55	66	66	62	59	58	60	55	57	65		54		14
13	50	51	61	62	58	56	54	56	51	54	61	62		61	13
12	45	46	56	58	53	52	51	53	47		57	58	49	57	12
11	41	42	51	53	49	48	47	49	43	47	53	55		52	11
10	37	38	46	49	45	44	43	45	39	44	50	51	43	48	10
9	33	33	41	45	41	40	39	41		41	46	48	40	44	9
8	28	29	35	40	37	36	36	37	32	37	42	44	37	39	8
7	24	25	30	36	32	32	32	33	28		38	41	34	35	7
6	20	20	25	31	28	28	28	29	24	31	34	37	31	31	6
5	16	16	20	27	24	25	24	25	20	28	31	33	29	26	5
4	12	12	15	23	20	21	21	21	16		27	30	26	22	4
3	7	7	10	18	15	17	17	17	12	21	23	26	23	18	3
2	3	3	5	14	11	13	13	13	8		19	23	20	13	2
1	0	0	0	10	7	9	9	9		15	16	19	17	9	1
0		0	0	5				5		12	12	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	83		84		81		87		77								19
18	79	77	80	76			82		73								18
17	75	72	76	73	73		78		69	68				77	68		17
16	71	68	72	69	69	66	74		65	63		74		73	64	64	16
15	68	64	67	66	65	61	70		61	59				69	60		15
14	64	59	63	62	61	57	66		56	54		65		65	57	56	14
13	60	55	59	59	57	53	61		52	50	68	60		61	53	52	13
12	56	51	55	55	53	49	57		48	45			52	57	49	48	12
11	52	46	51	52	49	45	53	53	44	41	60	51		53	46	44	11
10	48	42	47	48	45	41	49		40	36	55	47		49	42	40	10
9	44	37	42	44	41	37	45	43	36	31	51	42	38	45	38	36	9
8	40	33	38	41	37	33	41		31	27	47	38		41	35	32	8
7	36	29	34	37	33	29	36	34	27	22	43	33	29	37	31	28	7
6	32	24	30	34	29	25	32		23	18	38	29		33	27	24	6
5	28	20	26	30	25	20	28	24	19	13	34	25	19	29	24	20	5
4	24	16	22	27	21	16	24		15	9	30	20		25	20	16	4
3	20	11	17		17	12	20	15	11	4	26	16	9	21	16		3
2	16	7	13		13	8	16	10	7	0	22	11	5	17			2
1	12	3	9		9	4	11	5	2	0	17	7	0				1
0		0				0	7	0	0	13					5	0	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 18-20 years
Age: 35-39 years
Race: African American

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		93		86				90	89	91	85		19
18	81	84	78				81				86	85	86	81		18
17	77	79	75		83		77			77		80		77		17
16	73	75	71			68	72	66	71			76	77	73		16
15	69	71	68		73		67	62			73					15
14	64	67	64	65	68	60	63	58	62		68	67	68	65		14
13	60	62	61		63		58	54		61		62	64	61	60	13
12	56	58	57	59	58	51	54	51	53		59	58	60		56	12
11	52	54	53	56	53	47	49	47	48	52	55	53	55	53	52	11
10	48	49	50	53	48	43	45	43	44		50	49	51	49	49	10
9	44	45	46	50	43	39	40	39	39	44	46	44	46	45	45	9
8	39	41	43	47	38	34	35	35	35		41	40	42	41	41	8
7	35	37	39	44	33	30	31	32	30	36	37	35	37	37	38	7
6	31	32	36	40		26	26	28	26	32		31	33	33	34	6
5	27	28	32	37	23	22	22	24	21	28	28	26	29	29	30	5
4	23	24	29	34		18	17	20	17	23		21	24	25	27	4
3	18	19	25	31	13	13	12		12	19		17	20	21	23	3
2	14	15	22	28	8	9	8	13	8	15		12	15	17	19	2
1	10		18	25	3	5	3	9	3	11				13		1
0				22		1	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	74	75	88	84	85	88	83	91	87				81	81	19	
18	70	72	83	79	81	83	79	86	83				77	77	18	
17	67	68	77	74	77	79	75	81	78				73	73	17	
16	64	64	72	68	73	75	71	77	74				69	69	16	
15	60	61	66	63	69	70	67	72	69			60	65	65	15	
14	57	57	61	58	64	66	63	67	65	58			61	62	14	
13	53	53	55	52	60	62	59	63	60		56	54	57	58	13	
12	50	50	50	47	56	57	55	58	55	51			54	54	12	
11	46	46	44	42	52	53	51	53	51		49	48	50	50	11	
10	43	43	38	37	48	49	47	49	46	44	45	45	46	46	10	
9	39	39	33	31	44	44	43	44	42	40	42	42	42	42	9	
8	36	35	27	26	40	40	39	39	37	36	39	39	38	38	8	
7	33	32	22	21	36	36	35	34	33	33	35	36	34	34	7	
6	29	28	16	15	32	31	31	30	28	29	32	33	30	30	6	
5	26	25	11	10	28	27	27	25	24	25	28	30	26	26	5	
4	22	21	5	5	23	23	23	20	19	22	25	27	23	22	4	
3	19	17	0	0	19	19	19	16	15	18	22	24	19	18	3	
2	15	14	0	0	15	14	14	11	10	14	18	21	15	14	2	
1	12	10	0	0	11	10	10	6	5	11	15	18	11	10	1	
0	8	6	0	0	7	6		2							0	

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 18-20 years
Age: 40-44 years
Race: African American

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	91	85	80	77	81	75						19
18	71	71	89	86	81	76	74	77	71	70				84	18
17	67	67	84	82	77	72	70	73			77				17
16	62	63	79	78	73	68	66	69	63		73				16
15	58	58	74	73	68	65	62	65	59	60	69	69	56	71	15
14	54	54	69	69	64	61	59	61	55	57	66		53		14
13	50	50	64	64	60	57	55	57	51	54	62	62		63	13
12	45	45	59	60	56	53	51	53	47		58	59	47	58	12
11	41	41	54	56	51	49	47	49	43	48	54	55		54	11
10	37	37	48	51	47	45	44	45	39	44	51	52	42	50	10
9	33	32	43	47	43	41	40	41		41	47	48	39	45	9
8	28	28	38	43	39	37	36	37	32	38	43	44	36	41	8
7	24	24	33	38	34	34	32	33	28		39	41	33	37	7
6	20	19	28	34	30	30	29	29	24	31	36	37	30	32	6
5	16	15	23	29	26	26	25	25	20	28	32	34	27	28	5
4	12	11	18	25	22	22	21	22	16		28	30	25	24	4
3	7	6	12	21	17	18	17	18	12	22	24	27	22	19	3
2	3	2	7	16	13	14	14	14	8		20	23	19	15	2
1	0	0	2	12	9	10	10	10		15	17	20	16	11	1
0		0	0	8				6		12	13	16	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		81		89		77								19
18	79	79	82	77			85		73								18
17	75	75	78	73	73		81		69	68				76	68		17
16	71	70	73	70	69	67	76		65	63		74		72	64	64	16
15	68	66	69	66	65	63	72		61	59				68	61		15
14	64	62	65	62	61	59	68		56	54		65		64	57	56	14
13	60	57	61	59	57	54	64		52	50	68	61		60	53	52	13
12	56	53	57	55	53	50	60		48	45			53	56	50	48	12
11	52	48	53	52	49	46	56	53	44	41	59	52		52	46	44	11
10	48	44	48	48	45	42	51		40	36	55	47		48	42	40	10
9	44	40	44	45	41	38	47	44	36	31	51	43	38	44	39	36	9
8	40	35	40	41	37	34	43		31	27	47	38		40	35	32	8
7	36	31	36	38	33	30	39	34	27	22	43	34	29	36	31	28	7
6	32	27	32	34	29	26	35		23	18	38	29		32	28	24	6
5	28	22	28	30	25	22	31	25	19	13	34	25	19	28	24	20	5
4	24	18	23	27	21	18	26		15	9	30	21		24	20	16	4
3	20	14	19		17	13	22	15	11	4	26	16	9	20	17		3
2	16	9	15		13	9	18	10	7	0	21	12	5	16			2
1	12	5	11		9	5	14	6	2	0	17	7	0				1
0		1				1	10	1	0	0	13			6	0		0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 18-20 years
Age: 40-44 years
Race: African American

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		94		87				92	91	92	86		19
18	82	85	79				83				87	86	88	82		18
17	78	80	75		84		78			79		82		78		17
16	73	76	72			70	74	67	72			77	79	74		16
15	69	72	68		74		69	63			74					15
14	65	68	65	65	69	62	64	60	63		69	68	70	66		14
13	61	63	61		64		60	56		62		64	66	62	60	13
12	57	59	58	59	59	53	55	52	54		60	59	61		56	12
11	52	55	54	56	54	49	51	48	50	54	56	55	57	54	52	11
10	48	50	51	53	49	45	46	44	45		51	50	53	50	49	10
9	44	46	47	50	44	40	42	41	41	46	47	46	48	46	45	9
8	40	42	44	47	39	36	37	37	36		42	41	44	42	41	8
7	36	38	40	44	34	32	32	33	32	38	38	37	39	38	38	7
6	32	33	37	41		28	28	29	27	33		32	35	34	34	6
5	27	29	33	38	24	24	23	25	23	29	29	28	30	30	30	5
4	23	25	29	35		19	19	22	18	25		23	26	26	27	4
3	19	21	26	32	14	15	14		14	21		18	22	22	23	3
2	15	16	22	28	9	11	9	14	9	17		14	17	18	19	2
1	11		19	25	4	7	5	10	5	13				14		1
0				22		2	0	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	75	76	89	85	87	90	85	93	90				82	83	19	
18	72	73	83	80	83	86	81	89	85				78	79	18	
17	68	69	78	74	79	81	77	84	80				75	75	17	
16	65	66	72	69	75	77	73	79	76				71	71	16	
15	61	62	67	64	71	73	69	74	71			63	67	67	15	
14	58	58	61	58	67	68	65	70	67	60			63	63	14	
13	54	55	56	53	63	64	61	65	62		57	57	59	59	13	
12	51	51	50	48	59	60	57	60	58	53			55	55	12	
11	47	48	44	42	55	55	53	56	53		50	51	51	51	11	
10	44	44	39	37	50	51	49	51	49	45	47	48	47	47	10	
9	41	40	33	32	46	47	45	46	44	42	43	45	43	43	9	
8	37	37	28	26	42	42	41	42	40	38	40	42	40	39	8	
7	34	33	22	21	38	38	37	37	35	34	37	39	36	35	7	
6	30	29	17	16	34	34	33	32	30	31	33	36	32	31	6	
5	27	26	11	10	30	30	28	27	26	27	30	33	28	28	5	
4	23	22	6	5	26	25	24	23	21	24	26	30	24	24	4	
3	20	19	0	0	22	21	20	18	17	20	23	27	20	20	3	
2	16	15	0	0	18	17	16	13	12	16	20	24	16	16	2	
1	13	11	0	0	13	12	12	9	8	13	16	21	12	12	1	
0	10	8	0	0	9	8		4							0	

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 18-20 years
Age: 45-49 years
Race: African American

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		97	93	87	81	78	82	75						19
18	69	70	92	89	83	77	74	78	71	71				86	18
17	65	66	87	84	79	74	70	74			78				17
16	61	61	82	80	75	70	67	70	63		74				16
15	56	57	77	76	70	66	63	66	59	61	71	70	57	73	15
14	52	53	72	71	66	62	59	62	55	58	67		54		14
13	48	48	67	67	62	58	55	58	51	54	63	63		64	13
12	44	44	61	62	58	54	52	54	47		59	59	48	60	12
11	40	40	56	58	53	50	48	50	43	48	55	56		56	11
10	35	36	51	54	49	46	44	46	39	45	52	52	42	51	10
9	31	31	46	49	45	42	40	42		42	48	48	40	47	9
8	27	27	41	45	41	39	37	38	32	38	44	45	37	43	8
7	23	23	36	41	37	35	33	34	28		40	41	34	38	7
6	18	18	31	36	32	31	29	30	24	32	37	38	31	34	6
5	14	14	26	32	28	27	25	26	20	29	33	34	28	30	5
4	10	10	20	27	24	23	22	22	16		29	31	25	25	4
3	6	5	15	23	20	19	18	18	12	22	25	27	23	21	3
2	1	1	10	19	15	15	14	14	8		21	23	20	17	2
1	0	0	5	14	11	11	10	10		16	18	20	17	12	1
0		0	0	10				6		12	14	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	87		88		83		91		76								
18	83	81	84	78			87		72								
17	79	77	79	74	75		83		68	68				76	68		
16	75	72	75	71	71	68	79		63	63		75		72	65	64	
15	71	68	71	67	67	64	75		59	59				68	61		
14	67	64	67	64	63	60	71		55	54		66		64	57	56	
13	63	59	63	60	59	56	66		51	50	68	61		60	54	52	
12	59	55	59	57	55	52	62		47	45			53	56	50	48	
11	55	51	54	53	51	47	58	54	43	41	59	52		52	46	44	
10	51	46	50	49	47	43	54		38	36	55	48		48	43	40	
9	47	42	46	46	43	39	50	44	34	31	51	43	38	44	39	36	
8	43	38	42	42	39	35	46		30	27	47	39		40	35	32	
7	39	33	38	39	35	31	41	35	26	22	43	35	29	36	32	28	
6	35	29	34	35	31	27	37		22	18	38	30		32	28	24	
5	31	25	29	32	27	23	33	25	18	13	34	26	19	28	24	20	
4	27	20	25	28	23	19	29		13	9	30	21		24	21	16	
3	23	16	21		19	15	25	16	9	4	26	17	9	20	17		
2	19	12	17		15	11	21	11	5	0	21	12	5	16			
1	15	7	13		11	6	16	6	1	0	17	8	0				
0		3				2	12	1		0	13				6	0	

(continued)

APPENDIX E (continued)

Sex: Male
Education: 18-20 years
Age: 45-49 years
Race: African American

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

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 18-20 years
Age: 50-54 years
Race: African American

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	95	89	82	79	83	75						19
18	69	69	95	91	85	79	75	79	71	71				88	18
17	65	65	90	87	81	75	71	75			79				17
16	61	60	85	82	77	71	67	71	63		75				16
15	56	56	80	78	72	67	64	67	59	61	72	70	58	75	15
14	52	52	74	73	68	63	60	63	55	58	68		55		14
13	48	47	69	69	64	59	56	59	51	55	64	63		66	13
12	44	43	64	65	60	55	52	55	47		60	60	49	62	12
11	40	39	59	60	56	51	49	51	43	49	57	56		57	11
10	35	34	54	56	51	48	45	47	39	45	53	52	43	53	10
9	31	30	49	52	47	44	41	43		42	49	49	40	49	9
8	27	26	44	47	43	40	37	39	32	39	45	45	38	44	8
7	23	21	39	43	39	36	34	35	28		41	42	35	40	7
6	18	17	33	38	34	32	30	31	24	32	38	38	32	36	6
5	14	13	28	34	30	28	26	27	20	29	34	35	29	31	5
4	10	9	23	30	26	24	22	23	16		30	31	26	27	4
3	6	4	18	25	22	20	19	19	12	23	26	27	23	23	3
2	1	0	13	21	17	17	15	15	8		23	24	21	18	2
1	0	0	8	17	13	13	11	12		16	19	20	18	14	1
0		0	3	12				8		13	15	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	87		90		83		94		76								19
18	83	83	85	79			90		72								18
17	79	79	81	76	75		86		68	68				75	69		17
16	75	75	77	72	71	69	81		63	63		75		71	65	64	16
15	71	70	73	69	67	65	77		59	59				67	61		15
14	67	66	69	65	63	61	73		55	54		66		63	58	56	14
13	63	62	65	61	59	57	69		51	50	68	62		59	54	52	13
12	59	57	60	58	55	53	65		47	45			53	55	50	48	12
11	55	53	56	54	51	49	61	54	43	41	59	53		51	47	44	11
10	51	49	52	51	47	45	56		38	36	55	49		47	43	40	10
9	47	44	48	47	43	40	52	45	34	31	51	44	38	43	39	36	9
8	43	40	44	44	39	36	48		30	27	47	40		39	36	32	8
7	39	36	40	40	35	32	44	35	26	22	43	35	29	35	32	28	7
6	35	31	35	36	31	28	40		22	18	38	31		31	28	24	6
5	31	27	31	33	27	24	36	26	18	13	34	26	19	27	25	20	5
4	27	23	27	29	23	20	31		13	9	30	22		23	21	16	4
3	23	18	23		19	16	27	16	9	4	26	17	10	19	17		3
2	19	14	19		15	12	23	11	5	0	21	13	5	15			2
1	15	10	15		11	8	19	7	1	0	17	8	0				1
0		5				4	15	2		0	13				6	0	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 18-20 years
Age: 50-54 years
Race: African American

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

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 18-20 years
Age: 55-59 years
Race: African American

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

(continued)

APPENDIX E (continued)

Sex: Male
Education: 18-20 years
Age: 55-59 years
Race: African American

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

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 18-20 years
Age: 60-64 years
Race: African American

	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	72		100	100	94	85	80	86	77						19
18	68	67	100	96	89	81	77	82	74	72				91	18
17	63	62	95	91	85	77	73	78			81				17
16	59	58	90	87	81	73	69	74	66		78				16
15	55	54	85	83	77	69	65	70	62	62	74	71	59	78	15
14	51	50	80	78	72	66	62	66	58	59	70		56		14
13	46	45	75	74	68	62	58	62	54	56	66	64		69	13
12	42	41	70	69	64	58	54	58	50		62	60	51	65	12
11	38	37	65	65	60	54	50	54	46	50	59	57		61	11
10	34	32	59	61	55	50	47	50	42	46	55	53	45	56	10
9	29	28	54	56	51	46	43	46		43	51	50	42	52	9
8	25	24	49	52	47	42	39	42	34	40	47	46	39	48	8
7	21	19	44	48	43	38	35	38	31		44	42	36	43	7
6	17	15	39	43	39	35	32	34	27	33	40	39	34	39	6
5	13	11	34	39	34	31	28	30	23	30	36	35	31	35	5
4	8	6	29	34	30	27	24	26	19		32	32	28	30	4
3	4	2	23	30	26	23	20	22	15	24	28	28	25	26	3
2	0	0	18	26	22	19	17	18	11		25	25	22	22	2
1	0	0	13	21	17	15	13	14		17	21	21	19	17	1
0		0	8	17				10		14	17	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	93		93		88		99		75								19
18	90	91	89	82			95		70								18
17	86	87	85	78	80		91		66	68				72	69		17
16	82	83	81	75	76	75	86		62	63		77		68	66	64	16
15	78	78	77	71	72	71	82		58	59				64	62		15
14	74	74	72	68	68	67	78		54	54		68		60	58	56	14
13	70	70	68	64	64	63	74		50	50	68	63		56	55	52	13
12	66	65	64	60	60	59	70		45	45			53	52	51	48	12
11	62	61	60	57	56	55	66	55	41	41	59	54		48	47	44	11
10	58	57	56	53	52	51	61		37	36	55	50		44	44	40	10
9	54	52	52	50	48	47	57	46	33	31	51	45	38	40	40	36	9
8	50	48	47	46	44	43	53		29	27	47	41		36	36	32	8
7	46	44	43	43	40	38	49	36	25	22	43	36	29	32	33	28	7
6	42	39	39	39	36	34	45		20	18	38	32		28	29	24	6
5	38	35	35	35	32	30	40	27	16	13	34	28	19	24	25	20	5
4	34	30	31	32	28	26	36		12	9	30	23		20	22	16	4
3	30	26	27		24	22	32	17	8	4	26	19	10	16	18		3
2	26	22	22		20	18	28	12	4	0	21	14	5	12			2
1	22	17	18		16	14	24	7	0	0	17	10	0				1
0		13				10	20	3	0	0	13				7	0	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 18-20 years
Age: 60-64 years
Race: African American

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		85		99		95				97	97	100	91		19
18	84	89	82				91				93	92	95	87		18
17	80	85	78		89		86			86		88		83		17
16	76	81	75			77	82	75	79			83	86	79		16
15	72	76	71		79		77	71			79					15
14	67	72	68	67	74	69	73	67	70		75	74	78	71		14
13	63	68	64		69		68	63		69		70	73	67	60	13
12	59	63	61	60	64	60	63	59	61		66	65	69		56	12
11	55	59	57	57	59	56	59	56	56	61	62	61	64	59	52	11
10	51	55	54	54	54	52	54	52	52		57	56	60	55	49	10
9	46	51	50	51	49	47	50	48	47	53	53	52	55	51	45	9
8	42	46	46	48	44	43	45	44	43		48	47	51	47	41	8
7	38	42	43	45	39	39	40	40	38	44	44	43	47	43	38	7
6	34	38	39	42		35	36	37	34	40		38	42	39	34	6
5	30	33	36	39	29	31	31	33	29	36	35	34	38	35	30	5
4	25	29	32	36		26	27	29	25	32		29	33	31	27	4
3	21	25	29	33	19	22	22		20	28		24	29	27	23	3
2	17	21	25	30	14	18	18	21	16	24		20	25	23	19	2
1	13		22	27	9	14	13	18	11	20				19		1
0			24			9	8	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	80	82	93	89	97	100	92	100	98				88	89	19
18	76	78	87	83	93	96	88	98	94				84	85	18
17	73	74	82	78	89	92	84	93	89				80	81	17
16	70	71	76	73	84	88	80	89	85				77	77	16
15	66	67	71	67	80	83	76	84	80			72	73	73	15
14	63	64	65	62	76	79	72	79	76	69			69	69	14
13	59	60	60	57	72	75	68	75	71		66	67	65	65	13
12	56	56	54	51	68	70	64	70	67	62			61	61	12
11	52	53	48	46	64	66	60	65	62		60	61	57	57	11
10	49	49	43	41	60	62	56	61	58	55	56	58	53	54	10
9	45	45	37	35	56	57	52	56	53	51	53	55	49	50	9
8	42	42	32	30	52	53	48	51	48	47	49	52	46	46	8
7	38	38	26	25	47	49	44	46	44	44	46	49	42	42	7
6	35	35	21	20	43	44	40	42	39	40	43	46	38	38	6
5	32	31	15	14	39	40	36	37	35	36	39	43	34	34	5
4	28	27	9	9	35	36	32	32	30	33	36	40	30	30	4
3	25	24	4	4	31	31	28	28	26	29	33	37	26	26	3
2	21	20	0	0	27	27	24	23	21	26	29	34	22	22	2
1	18	16	0	0	23	23	20	18	17	22	26	31	18	18	1
0	14	13	0	0	19	18		14							0

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 18-20 years
Age: 65-69 years
Race: African American

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

(continued)

APPENDIX E (continued)

Sex: Male
Education: 18-20 years
Age: 65-69 years
Race: African American

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		86		100		98				99	99	100	92		19
18	85	90	83				93				94	94	97	88		18
17	81	86	79		90		89			87		89		84		17
16	76	82	75			79	84	77	81			85	88	80		16
15	72	77	72		80		80	73			81					15
14	68	73	68	67	75	70	75	69	72		76	76	79	72		14
13	64	69	65		70		70	66		71		71	75	68	60	13
12	60	65	61	61	65	62	66	62	63		67	67	71		56	12
11	55	60	58	58	60	58	61	58	58	63	63	62	66	60	52	11
10	51	56	54	55	55	53	57	54	54		58	58	62	56	49	10
9	47	52	51	52	50	49	52	50	49	54	54	53	57	52	45	9
8	43	47	47	48	45	45	48	47	45		49	49	53	48	41	8
7	39	43	44	45	40	41	43	43	40	46	45	44	48	44	38	7
6	34	39	40	42		37	38	39	36	42		40	44	40	34	6
5	30	35	37	39	30	32	34	35	31	38	36	35	40	36	30	5
4	26	30	33	36		28	29	31	27	34		31	35	32	27	4
3	22	26	30	33	20	24	25		22	30		26	31	28	23	3
2	18	22	26	30	15	20	20	24	18	25		21	26	24	19	2
1	14		22	27	10	15	15	20	13	21				20		1
0			24			11	11	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	81	83	94	90	99	100	94	100	100				90	91	19	
18	78	79	89	85	95	99	90	100	96				86	87	18	
17	74	76	83	79	91	94	86	96	92				82	83	17	
16	71	72	78	74	87	90	82	91	87				78	79	16	
15	67	68	72	69	83	86	78	86	83			75	74	75	15	
14	64	65	67	63	79	81	74	82	78	72			70	71	14	
13	60	61	61	58	74	77	70	77	73		69	69	66	67	13	
12	57	58	55	53	70	73	66	72	69	65			63	63	12	
11	53	54	50	48	66	68	62	68	64		62	63	59	59	11	
10	50	50	44	42	62	64	58	63	60	58	59	60	55	55	10	
9	47	47	39	37	58	60	54	58	55	54	56	57	51	51	9	
8	43	43	33	32	54	55	50	54	51	50	52	54	47	47	8	
7	40	39	28	26	50	51	46	49	46	47	49	51	43	43	7	
6	36	36	22	21	46	47	42	44	42	43	46	48	39	39	6	
5	33	32	17	16	42	42	38	39	37	39	42	45	35	35	5	
4	29	29	11	10	38	38	34	35	33	36	39	42	32	31	4	
3	26	25	5	5	33	34	29	30	28	32	35	39	28	27	3	
2	22	21	0	0	29	29	25	25	23	28	32	36	24	23	2	
1	19	18	0	0	25	25	21	21	19	25	29	33	20	20	1	
0	16	14	0	0	21	21		16							0	

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 18-20 years
Age: 70-74 years
Race: African American

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

(continued)

APPENDIX E (continued)

Sex: Male
Education: 18-20 years
Age: 70-74 years
Race: African American

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		87		100		100				100	100	100	93		19
18	85	91	83				96				96	95	99	89		18
17	81	87	80		92		92			89		91		85		17
16	77	83	76			81	87	79	82			86	90	81		16
15	73	78	73		82		82	76			82					15
14	69	74	69	67	77	72	78	72	73		78	77	81	73		14
13	64	70	66		72		73	68		72		73	77	69	60	13
12	60	66	62	61	67	64	69	64	64		69	68	72		56	12
11	56	61	59	58	61	59	64	60	60	64	64	64	68	61	52	11
10	52	57	55	55	56	55	59	57	55		60	59	64	57	49	10
9	48	53	51	52	51	51	55	53	51	56	55	55	59	53	45	9
8	43	49	48	49	46	47	50	49	46		51	50	55	49	41	8
7	39	44	44	46	41	43	46	45	42	48	46	46	50	45	38	7
6	35	40	41	43		38	41	41	37	44		41	46	41	34	6
5	31	36	37	40	31	34	37	38	33	39	37	37	41	37	30	5
4	27	31	34	36		30	32	34	28	35		32	37	33	27	4
3	22	27	30	33	21	26	27		24	31		28	33	29	23	3
2	18	23	27	30	16	21	23	26	19	27		23	28	25	19	2
1	14		23	27	11	17	18	22	15	23				21		1
0			24			13	14	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	82	84	96	92	100	100	96	100	100				91	92	19	
18	79	81	91	86	97	100	92	100	98				87	88	18	
17	75	77	85	81	93	96	88	98	94				83	84	17	
16	72	73	79	76	89	92	84	93	89				80	80	16	
15	68	70	74	70	85	88	80	89	85			78	76	76	15	
14	65	66	68	65	81	83	76	84	80	75			72	72	14	
13	62	62	63	60	77	79	72	79	76		72	72	68	68	13	
12	58	59	57	54	73	75	68	75	71	68			64	65	12	
11	55	55	52	49	69	70	64	70	67		65	66	60	61	11	
10	51	52	46	44	64	66	60	65	62	61	62	63	56	57	10	
9	48	48	41	39	60	62	56	61	57	57	59	60	52	53	9	
8	44	44	35	33	56	58	52	56	53	53	55	57	49	49	8	
7	41	41	29	28	52	53	48	51	48	50	52	54	45	45	7	
6	37	37	24	23	48	49	43	47	44	46	49	51	41	41	6	
5	34	34	18	17	44	45	39	42	39	42	45	48	37	37	5	
4	31	30	13	12	40	40	35	37	35	39	42	45	33	33	4	
3	27	26	7	7	36	36	31	32	30	35	38	42	29	29	3	
2	24	23	2	1	32	32	27	28	26	32	35	39	25	25	2	
1	20	19	0	0	28	27	23	23	21	28	32	36	21	21	1	
0	17	15	0	0	23	23		18							0	

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 18-20 years
Age: 75-79 years
Race: African American

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	67		100	100	100	89	84	92	77						19
18	63	64	100	100	96	85	81	88	74	74				96	18
17	58	59	100	98	91	81	77	84			85				17
16	54	55	99	94	87	77	73	80	66		81				16
15	50	51	93	90	83	73	69	76	62	64	77	72	62	83	15
14	46	46	88	85	79	69	66	72	58	61	73		59		14
13	41	42	83	81	74	65	62	68	54	57	69	65		74	13
12	37	38	78	76	70	61	58	64	50		66	62	53	70	12
11	33	33	73	72	66	58	54	60	46	51	62	58		66	11
10	29	29	68	68	62	54	51	56	42	48	58	54	47	61	10
9	25	25	63	63	57	50	47	52		45	54	51	44	57	9
8	20	20	57	59	53	46	43	48	34	41	51	47	42	53	8
7	16	16	52	55	49	42	39	44	31		47	44	39	48	7
6	12	12	47	50	45	38	36	40	27	35	43	40	36	44	6
5	8	7	42	46	41	34	32	36	23	32	39	37	33	40	5
4	3	3	37	41	36	30	28	32	19		35	33	30	35	4
3	0	0	32	37	32	27	24	28	15	25	32	29	27	31	3
2	0	0	27	33	28	23	21	24	11		28	26	25	27	2
1	0	0	21	28	24	19	17	21		19	24	22	22	22	1
0		0	16	24				17		15	20	19	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	100		99		93		100		71								19
18	99	98	95	86			100		66								18
17	95	94	90	82	85		98		62	68				64	70		17
16	91	90	86	79	81	79	94		58	63		78		60	67	63	16
15	87	85	82	75	77	75	90		54	59				56	63		15
14	83	81	78	71	73	71	85		50	54		69		52	59	55	14
13	79	76	74	68	69	67	81		46	50	68	65		48	56	51	13
12	75	72	70	64	65	63	77		41	45			53	44	52	47	12
11	71	68	65	61	61	59	73	57	37	41	59	56		40	48	43	11
10	67	63	61	57	57	54	69		33	36	55	52		36	45	39	10
9	63	59	57	54	53	50	65	47	29	31	51	47	39	32	41	35	9
8	59	55	53	50	50	46	60		25	27	47	43		28	37	31	8
7	55	50	49	46	46	42	56	38	21	22	42	38	29	24	34	27	7
6	51	46	45	43	42	38	52		17	18	38	34		20	30	23	6
5	47	42	40	39	38	34	48	28	12	13	34	29	19	16	26	20	5
4	43	37	36	36	34	30	44		8	9	30	25		12	23	16	4
3	39	33	32		30	26	40	18	4	4	26	20	10	8	19		3
2	36	29	28		26	22	35	14	0	0	21	16	5	4			2
1	32	24	24		22	17	31	9	0	0	17	11	0				1
0		20				13	27	4	0	0	13				8	0	0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 18-20 years
Age: 75-79 years
Race: African American

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		88		100		100				100	100	100	94		19
18	86	92	84				99				97	97	100	90		18
17	82	88	80		93		94			91		92		86		17
16	78	84	77			82	90	82	84			88	92	82		16
15	73	80	73		83		85	78			84					15
14	69	75	70	68	78	74	81	75	75		79	79	83	74		14
13	65	71	66		73		76	71		74		74	79	70	60	13
12	61	67	63	61	68	65	72	67	66		70	70	74		56	12
11	57	62	59	58	63	61	67	63	61	66	66	65	70	62	52	11
10	52	58	56	55	58	57	62	59	57		61	61	65	58	49	10
9	48	54	52	52	53	53	58	55	52	58	57	56	61	54	45	9
8	44	50	49	49	48	48	53	52	48		52	52	57	51	41	8
7	40	45	45	46	43	44	49	48	43	49	48	47	52	47	38	7
6	36	41	42	43		40	44	44	39	45		43	48	43	34	6
5	31	37	38	40	32	36	39	40	34	41	39	38	43	39	30	5
4	27	32	34	37		32	35	36	30	37		34	39	35	27	4
3	23	28	31	34	22	27	30		25	33		29	34	31	23	3
2	19	24	27	31	17	23	26	29	21	29		24	30	27	19	2
1	15		24	28	12	19	21	25	16	25				23		1
0			24			15	17	21								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	83	85	98	94	100	100	98	100	100				93	94	19
18	80	82	93	88	100	100	94	100	100				89	90	18
17	77	78	87	83	96	98	90	100	96				85	86	17
16	73	75	81	78	91	94	86	96	92				81	82	16
15	70	71	76	72	87	89	82	91	87			81	77	78	15
14	66	67	70	67	83	85	78	86	82	79			73	74	14
13	63	64	65	62	79	81	74	82	78		75	75	69	70	13
12	59	60	59	56	75	77	70	77	73	71			66	66	12
11	56	57	54	51	71	72	66	72	69		69	69	62	62	11
10	52	53	48	46	67	68	62	68	64	64	65	66	58	58	10
9	49	49	43	40	63	64	57	63	60	60	62	63	54	54	9
8	46	46	37	35	59	59	53	58	55	57	58	60	50	50	8
7	42	42	31	30	55	55	49	54	51	53	55	57	46	46	7
6	39	38	26	25	50	51	45	49	46	49	52	54	42	42	6
5	35	35	20	19	46	46	41	44	42	46	48	51	38	38	5
4	32	31	15	14	42	42	37	40	37	42	45	48	35	34	4
3	28	28	9	9	38	38	33	35	32	38	41	45	31	31	3
2	25	24	4	3	34	33	29	30	28	35	38	42	27	27	2
1	21	20	0	0	30	29	25	25	23	31	35	39	23	23	1
0	18	17	0	0	26	25		21							0

Note. See page 16 for a description of acronyms.

APPENDIX E (continued)

Sex: Male
Education: 18-20 years
Age: 80-85 years
Race: African American

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	67		100	100	100	90	86	95	77						19
18	63	62	100	100	98	86	82	91	74	74				98	18
17	58	58	100	100	94	82	79	87			86				17
16	54	54	100	96	89	78	75	83	66		82				16
15	50	49	96	92	85	74	71	79	62	64	78	73	62	85	15
14	46	45	91	88	81	71	67	75	58	61	74		60		14
13	41	41	86	83	77	67	64	71	54	58	71	66		76	13
12	37	36	81	79	72	63	60	67	50		67	62	54	72	12
11	33	32	76	75	68	59	56	63	46	52	63	58		68	11
10	29	28	71	70	64	55	52	59	42	48	59	55	48	63	10
9	25	23	66	66	60	51	49	55		45	56	51	45	59	9
8	20	19	60	61	56	47	45	51	34	42	52	48	43	55	8
7	16	15	55	57	51	43	41	47	31		48	44	40	50	7
6	12	10	50	53	47	39	37	43	27	35	44	41	37	46	6
5	8	6	45	48	43	36	34	39	23	32	40	37	34	42	5
4	3	2	40	44	39	32	30	35	19		37	33	31	37	4
3	0	0	35	40	34	28	26	31	15	26	33	30	28	33	3
2	0	0	30	35	30	24	22	27	11		29	26	25	29	2
1	0	0	25	31	26	20	19	24		19	25	23	23	24	1
0		0	19	27				20		16	22	19	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 SCRIN	BSTN NAME	BDAE COMP	PIAT RECOG	PIAT COMP	PIAT SPELL	
19	100		100		93		100		71								19
18	99	100	97	87			100		66								18
17	95	96	93	83	85		100		62	68				60	71		17
16	91	92	88	80	81	80	97		58	63		79		56	67	63	16
15	87	88	84	76	77	76	92		54	59				52	63		15
14	83	83	80	73	73	72	88		50	54		70		48	60	55	14
13	79	79	76	69	69	68	84		46	50	68	65		44	56	51	13
12	75	75	72	66	65	64	80		41	45			53	40	52	47	12
11	71	70	67	62	61	60	76	57	37	41	59	57		36	49	43	11
10	67	66	63	59	57	56	72		33	36	55	52		32	45	39	10
9	63	62	59	55	53	52	67	48	29	31	51	48	39	28	41	35	9
8	59	57	55	51	50	48	63		25	27	47	43		24	38	31	8
7	55	53	51	48	46	43	59	38	21	22	42	39	29	20	34	27	7
6	51	49	47	44	42	39	55		17	18	38	34		16	30	23	6
5	47	44	42	41	38	35	51	29	12	13	34	30	20	12	27	19	5
4	43	40	38	37	34	31	46		8	9	30	25		8	23	15	4
3	39	36	34		30	27	42	19	4	4	26	21	10	4	19		3
2	36	31	30		26	23	38	14	0	0	21	16	5	0			2
1	32	27	26		22	19	34	9	0	0	17	12	0				1
0		23				15	30	5	0	0	13			8	0		0

(continued)

APPENDIX E (continued)

Sex: Male
Education: 18-20 years
Age: 80-85 years
Race: African American

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		88		100		100				100	100	100	96		19
18	87	94	85				100				99	99	100	92		18
17	82	89	81		94		98			93		94		88		17
16	78	85	78			84	93	85	86			90	94	84		16
15	74	81	74		84		89	81			85					15
14	70	77	71	68	79	76	84	78	77		81	81	85	76		14
13	66	72	67		74		80	74		76		76	81	72	60	13
12	61	68	64	62	69	67	75	70	68		72	71	76		56	12
11	57	64	60	59	64	63	70	66	63	68	67	67	72	64	52	11
10	53	59	57	56	59	59	66	62	59		63	62	67	60	49	10
9	49	55	53	53	54	55	61	59	54	60	58	58	63	56	45	9
8	45	51	49	49	49	50	57	55	50		54	53	59	52	41	8
7	40	47	46	46	44	46	52	51	45	51	49	49	54	48	38	7
6	36	42	42	43		42	47	47	41	47		44	50	44	34	6
5	32	38	39	40	34	38	43	43	36	43	40	40	45	40	30	5
4	28	34	35	37		34	38	40	32	39		35	41	36	27	4
3	24	29	32	34	24	29	34		27	35		31	36	32	23	3
2	20	25	28	31	19	25	29	32	23	31		26	32	28	19	2
1	15		25	28	14	21	25	28	18	27				24		1
0			25			17	20	24								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	85	87	100	96	100	100	100	100	100				94	95	19	
18	81	83	95	91	100	100	96	100	100				90	92	18	
17	78	80	90	85	98	99	92	100	99				87	88	17	
16	74	76	84	80	94	95	88	99	94				83	84	16	
15	71	72	78	75	90	91	84	94	89			84	79	80	15	
14	68	69	73	69	86	86	80	89	85	83			75	76	14	
13	64	65	67	64	82	82	76	84	80		79	78	71	72	13	
12	61	62	62	59	78	78	72	80	76	75			67	68	12	
11	57	58	56	53	74	74	68	75	71		72	72	63	64	11	
10	54	54	51	48	69	69	64	70	67	68	69	69	59	60	10	
9	50	51	45	43	65	65	59	66	62	64	65	66	56	56	9	
8	47	47	39	38	61	61	55	61	58	61	62	63	52	52	8	
7	43	43	34	32	57	56	51	56	53	57	58	60	48	48	7	
6	40	40	28	27	53	52	47	52	49	53	55	57	44	44	6	
5	37	36	23	22	49	48	43	47	44	50	52	54	40	40	5	
4	33	33	17	16	45	43	39	42	39	46	48	51	36	36	4	
3	30	29	12	11	41	39	35	37	35	42	45	48	32	32	3	
2	26	25	6	6	37	35	31	33	30	39	41	45	28	28	2	
1	23	22	1	0	32	30	27	28	26	35	38	42	25	24	1	
0	19	18	0	0	28	26		23							0	

Note. See page 16 for a description of acronyms.