

Normative cognitive data (CDR = 0)

Mean, standard deviations (SD), median (50th %ile) and 5th %ile scores on neuropsychological tests in MYHAT battery.

Attention

Test	Age in years	Educational Level	Mean	SD	Median (50 th %ile)	5 th %ile *
Trail making Test A Time (sec)	65-74	<HS	39.85	13.41	38	71
	75-84	HS	37.29	15.24	35	60
	85+	>HS	36.31	11.83	34	62
	65-74	<HS	52.97	24.49	47.5	96
	75-84	HS	44.8	18.25	43	70
	85+	>HS	46.71	17.83	45	74
	65-74	<HS	64.75	28.45	55	128
	75-84	HS	56.85	26.71	53	105
	85+	>HS	50.07	21.76	47	100
Digit Span (Maximum Span)	65-74	<HS	6.55	1.12	6	4
	75-84	HS	6.65	1.03	7	5
	85+	>HS	6.87	0.98	7	5
	65-74	<HS	6.21	1.09	6	5
	75-84	HS	6.6	0.97	7	5
	85+	>HS	6.66	0.92	7	5
	65-74	<HS	6.16	1.16	6	5
	75-84	HS	6.27	1.05	6	5
	85+	>HS	6.39	1	6	5

For Trailmaking Tests A & B, max score = 240 seconds.

Trailmaking Tests A & B (time in seconds) report 95th %tile since higher scores show more impairment.

Executive Function

Test	Age in years	Educational Level	Mean	SD	Median (50 th %ile)	5 th %ile *
Trail making Test B Time (sec)	65-74	<HS	107.56	38.11	98.5	180
	75-84	HS	90.59	34.98	85	151
	85+	>HS	88.17	31.6	81	146
	65-74	<HS	138.94	54.5	121.5	240
	75-84	HS	114.88	43.4	105	210
	85+	>HS	110.86	39.67	102	191
	65-74	<HS	173.22	60.73	165	240
	75-84	HS	149.55	51.79	137	240
	85+	>HS	134.63	54.05	115	240
Fluency for initial letters P&S (avg across both letters)	65-74	<HS	11.31	4.2	11.5	5
	75-84	HS	13.64	4.36	14	7
	85+	>HS	13.9	4.48	14	6
	65-74	<HS	10.69	4.44	10	4
	75-84	HS	12.31	4	12	7
	85+	>HS	13.35	4.4	13	6
	65-74	<HS	10.11	4.03	10	4
	75-84	HS	11.35	4.14	11	6
	85+	>HS	12.53	4.3	11	6
Clock Drawing (15-item scale)	65-74	<HS	13.85	1.06	14	12
	75-84	HS	14.14	1.04	14	12
	85+	>HS	14.25	1.03	15	12
	65-74	<HS	13.22	1.75	14	10
	75-84	HS	13.7	1.57	14	11
	85+	>HS	13.89	1.28	14	11
	65-74	<HS	12.98	1.5	13	10
	75-84	HS	12.71	1.99	13	9
	85+	>HS	13.34	1.61	14	10

For Trailmaking Tests A & B, max score = 240 seconds.

Trailmaking Tests A & B (time in seconds) report 95th %tile since higher scores show more impairment.

Normative cognitive data (CDR = 0)

Mean, standard deviations (SD), median (50th %ile) and 5th %ile scores on neuropsychological tests in MYHAT battery.

Language

Test	Age in years	Educational Level	Mean	SD	Median (50 th %ile)	5 th %ile *
Boston Naming	65-74	<HS	53.24	4.6	53	45
	75-84	HS	54.85	3.9	56	47
	85+	>HS	56.08	4.22	57	47
	65-74	<HS	51.56	4.55	52.5	44
	75-84	HS	53.47	4.89	55	45
	85+	>HS	54.45	4.79	56	45.5
	65-74	<HS	49.69	5.98	51	40
	75-84	HS	50.98	6.3	52	40
	85+	>HS	52.21	5.4	54	41
Category Fluency for names of animals	65-74	<HS	17	3.95	17.5	11
	75-84	HS	17.99	4.32	17	11
	85+	>HS	18.35	4.52	19	11
	65-74	<HS	14.58	4.89	13	8
	75-84	HS	15.59	4.12	15.5	9
	85+	>HS	16.55	4.29	17	10
	65-74	<HS	13.41	3.85	13	8
	75-84	HS	13.78	4.36	14	7
	85+	>HS	15.15	4.57	15	7
Indiana University Token Test	65-74	<HS	22.76	1.46	23	20
	75-84	HS	23.28	1.19	24	21
	85+	>HS	23.42	1.3	24	22
	65-74	<HS	22.36	1.58	22.5	20
	75-84	HS	22.88	1.41	23	20
	85+	>HS	23.14	1.12	23	21
	65-74	<HS	21.39	2.56	22	13
	75-84	HS	22.28	1.67	23	19
	85+	>HS	22.75	1.43	23	20

Visuospatial

Test	Age in years	Educational Level	Mean	SD	Median (50 th %ile)	5 th %ile *
Block Design	65-74	<HS	27.19	9.04	28	12
	75-84	HS	31.55	9.4	31	16
	85+	>HS	34.41	9.62	33	20
	65-74	<HS	24.82	7.93	24	13
	75-84	HS	28.26	7.71	29	12
	85+	>HS	30.81	8.61	30	16
	65-74	<HS	22.12	7.49	21	11
	75-84	HS	25.07	6.93	24	12
	85+	>HS	26.82	7.33	28	12
Benton Visual Form Discrimination	65-74	<HS	26	--	26	26
	75-84	HS	29.29	1.80	27	29
	85+	>HS	29.39	2.09	26	29.50
	65-74	<HS	28	3.61	22	28
	75-84	HS	28.57	3.13	22	29
	85+	>HS	29.38	3	24	30
	65-74	<HS	26.08	4.54	18	26
	75-84	HS	28.42	3.18	22	29
	85+	>HS	27.76	3.45	21	28

Normative cognitive data (CDR = 0)

Mean, standard deviations (SD), median (50th %ile) and 5th%ile scores on neuropsychological tests in MYHAT battery.

Memory

Test	Age in years	Educational Level	Mean	SD	Median (50 th %ile)	5 th %ile *
Logical Memory, Immediate	65-74	<HS	21.76	6.57	21	13
	75-84	HS	22.65	6.34	23	12
	85+	>HS	24.1	6.47	24	14
	65-74	<HS	17.65	6.19	17	7
	75-84	HS	20.09	6.28	20	10
	85+	>HS	21.19	6.57	21	9
	65-74	<HS	14.86	7.06	15	4
	75-84	HS	17.47	6.45	17	8
	85+	>HS	18.62	7.46	17.5	7
Logical Memory, Delayed	65-74	<HS	16.97	6.91	16	9
	75-84	HS	17.35	7.17	17	5
	85+	>HS	18.99	6.76	19	9
	65-74	<HS	12.59	6.34	12	3
	75-84	HS	14.55	6.61	14	4
	85+	>HS	15.87	7.04	16	4
	65-74	<HS	10.7	6.73	10	1
	75-84	HS	12.9	6.89	12	3
	85+	>HS	13.57	7.77	12	1
Visual Reproduction, Immediate Recall	65-74	<HS	27.38	5.71	28	17
	75-84	HS	30.33	5.77	31	19
	85+	>HS	32.22	5.13	33	22
	65-74	<HS	25.25	7.15	26	12
	75-84	HS	27.64	6.34	28	16
	85+	>HS	29.39	6.1	31	18
	65-74	<HS	22.69	5.79	23	13
	75-84	HS	23.63	7.31	24	10
	85+	>HS	27.26	5.43	27	17
Visual Reproduction, Delayed Recall	65-74	<HS	19.56	9.52	22	6
	75-84	HS	22.68	9.34	23	5
	85+	>HS	25.66	8.92	27	10
	65-74	<HS	15.39	10.06	14	0
	75-84	HS	17.97	9.06	18	2
	85+	>HS	20.91	9.19	21	6
	65-74	<HS	12.89	9.25	12	0
	75-84	HS	12.7	8.4	12	0
	85+	>HS	16.54	10.36	17	0
Face Name Associative Memory Exam (Version A)	65-74	<HS	25	--	25	25
	75-84	HS	25.43	4.31	20	25
	85+	>HS	25.39	3.93	19	25
	65-74	<HS	23.73	4.41	16	24
	75-84	HS	24.82	3.73	19	25
	85+	>HS	24.47	4.40	17	24
	65-74	<HS	20.15	3.91	15	19
	75-84	HS	22.13	4.93	15	21
	85+	>HS	22.42	4.10	17	22
Fuld Object Memory Evaluation (sum of 3 trials)	65-74	<HS	24.18	3.14	25	17
	75-84	HS	24.08	3	24	19
	85+	>HS	23.84	3.12	24	18
	65-74	<HS	21.9	4.35	22.5	15
	75-84	HS	22.48	3.39	23	16
	85+	>HS	22.87	3.33	23	17
	65-74	<HS	21.11	3.23	21.5	15
	75-84	HS	20.89	3.34	21	15
	85+	>HS	21.08	3.79	21	14