

Montreal Cognitive Assessment (MoCA) & Neuropsychological Battery		Status				All
		Normal	MCI	QCI	Dementia	
		194	70	53	118	435
Location of MoCA administration (Q1b)						
- .	N	17	13	2	78	110
	%	8.76%	18.57%	3.77%	66.10%	25.28%
- ADC or Clinic	N	177	57	51	40	325
	%	91.23%	81.42%	96.22%	33.89%	74.71%
MoCA language (Q1c)						
- .	N	17	13	2	78	110
	%	8.76%	18.57%	3.77%	66.10%	25.28%
- English	N	177	57	51	40	325
	%	91.23%	81.42%	96.22%	33.89%	74.71%
MoCA language-other (Q1c1)						
-	N	17	13	2	77	109
	%	8.76%	18.57%	3.77%	65.25%	25.05%
- .	N	177	57	51	41	326
	%	91.23%	81.42%	96.22%	34.74%	74.94%

Montreal Cognitive Assessment (MoCA) & Neuropsychological Battery		Status				All
		Normal	MCI	QCI	Dementia	
		194	70	53	118	435
Tests after MoCA Location (Q2a)						
.	N	17	13	2	77	109
	%	8.76%	18.57%	3.77%	65.25%	25.05%
1	N	177	57	51	41	326
	%	91.23%	81.42%	96.22%	34.74%	74.94%
Tests after MoCA language (Q2b)						
-	N	17	13	2	77	109
	%	8.76%	18.57%	3.77%	65.25%	25.05%
- English	N	177	57	51	41	326
	%	91.23%	81.42%	96.22%	34.74%	74.94%
Tests after MoCA language-other (Q2b1)						
-	N	17	13	2	77	109
	%	8.76%	18.57%	3.77%	65.25%	25.05%
-	N	177	57	51	41	326
	%	91.23%	81.42%	96.22%	34.74%	74.94%

Montreal Cognitive Assessment (MoCA)		Status				All
		Normal	MCI	QCI	Dementia	
		194	70	53	118	435
MoCA Total raw score-uncorrected (Q1f)	Min	18.00	13.00	19.00	5.00	5.00
	Mean	27.40	23.05	25.37	16.03	24.92
	Std	2.17	3.43	2.39	4.67	4.68
	Max	30.00	29.00	30.00	28.00	30.00
MoCA Visuospatial/executive-trails (Q1g)	Min	0.00	0.00	0.00	0.00	0.00
	Mean	0.94	0.81	0.84	0.53	0.85
	Std	0.24	0.40	0.37	0.51	0.36
	Max	1.00	1.00	1.00	1.00	1.00
MoCA Visuospatial/executive-cube (Q1h)	Min	0.00	0.00	0.00	0.00	0.00
	Mean	0.85	0.60	0.73	0.53	0.75
	Std	0.36	0.49	0.45	0.51	0.44
	Max	1.00	1.00	1.00	1.00	1.00
MOCACLOC	Min	0.00	0.00	1.00	0.00	0.00
	Mean	0.99	0.98	1.00	0.98	0.99
	Std	0.11	0.13	0.00	0.16	0.11
	Max	1.00	1.00	1.00	1.00	1.00
MoCA Visuospatial/executive-clock numbers (Q1j)	Min	0.00	0.00	0.00	0.00	0.00
	Mean	0.95	0.91	0.80	0.43	0.86
	Std	0.22	0.29	0.40	0.50	0.35
	Max	1.00	1.00	1.00	1.00	1.00
MoCA Visuospatial/executive-clock hands (Q1k)	Min	0.00	0.00	0.00	0.00	0.00
	Mean	0.87	0.58	0.69	0.25	0.71
	Std	0.34	0.50	0.47	0.44	0.45
	Max	1.00	1.00	1.00	1.00	1.00
MoCA Language-naming (Q1l)	Min	1.00	0.00	1.00	0.00	0.00
	Mean	2.86	2.58	2.73	2.25	2.72
	Std	0.40	0.65	0.49	0.87	0.58
	Max	3.00	3.00	3.00	3.00	3.00

Montreal Cognitive Assessment (MoCA)		Status				All
		Normal	MCI	QCI	Dementia	
		194	70	53	118	435
MoCA Memory: registration (two trials) (Q1m)	Min	6.00	6.00	7.00	2.00	2.00
	Mean	9.54	8.70	9.29	7.25	9.07
	Std	0.83	1.31	0.94	2.00	1.36
	Max	10.00	10.00	10.00	10.00	10.00
MoCA Attention-digits (Q1n)	Min	1.00	0.00	1.00	0.00	0.00
	Mean	1.89	1.70	1.86	1.68	1.83
	Std	0.31	0.53	0.35	0.57	0.41
	Max	2.00	2.00	2.00	2.00	2.00
MoCA Attention-letter A (Q1o)	Min	0.00	0.00	0.00	0.00	0.00
	Mean	0.98	0.89	0.94	0.63	0.92
	Std	0.13	0.31	0.24	0.49	0.28
	Max	1.00	1.00	1.00	1.00	1.00
MoCA Attention-serial 7s (Q1p)	Min	1.00	1.00	1.00	0.00	0.00
	Mean	2.84	2.65	2.71	2.03	2.68
	Std	0.40	0.55	0.58	1.21	0.66
	Max	3.00	3.00	3.00	3.00	3.00
MoCA Language repetition (Q1q)	Min	0.00	0.00	0.00	0.00	0.00
	Mean	1.32	1.25	1.12	1.08	1.25
	Std	0.81	0.79	0.77	0.83	0.80
	Max	2.00	2.00	2.00	2.00	2.00
MoCA Language fluency (Q1r)	Min	0.00	0.00	0.00	0.00	0.00
	Mean	0.88	0.65	0.73	0.48	0.77
	Std	0.32	0.48	0.45	0.51	0.42
	Max	1.00	1.00	1.00	1.00	1.00
MoCA Abstraction (Q1s)	Min	0.00	0.00	0.00	0.00	0.00
	Mean	1.91	1.72	1.78	1.53	1.81
	Std	0.31	0.56	0.46	0.72	0.47
	Max	2.00	2.00	2.00	2.00	2.00

Montreal Cognitive Assessment (MoCA)		Status				All
		Normal	MCI	QCI	Dementia	
		194	70	53	118	435
MoCA Delayed recall-no cue (Q1t)	Min	0.00	0.00	0.00	0.00	0.00
	Mean	4.18	2.14	3.57	0.35	3.26
	Std	1.11	1.54	1.28	0.77	1.78
	Max	5.00	5.00	5.00	3.00	5.00
MoCA Delayed recall-category cue (Q1u)	Min	0.00	0.00	0.00	0.00	0.00
	Mean	0.96	1.04	1.17	0.98	1.02
	Std	0.86	0.98	0.81	1.05	0.92
	Max	4.00	4.00	3.00	4.00	4.00
MoCA Delayed recall-recognition (Q1v)	Min	1.00	1.00	0.00	0.00	0.00
	Mean	1.45	1.95	1.30	1.87	1.70
	Std	0.78	0.95	0.73	1.20	0.98
	Max	4.00	4.00	3.00	4.00	4.00

Montreal Cognitive Assessment (MoCA)		Status				All
		Normal	MCI	QCI	Dementia	
		194	70	53	118	435
MoCA Orientation-date (Q1w)	Min	0.00	0.00	1.00	0.00	0.00
	Mean	0.99	0.88	1.00	0.28	0.88
	Std	0.11	0.33	0.00	0.45	0.32
	Max	1.00	1.00	1.00	1.00	1.00
MoCA Orientation-month (Q1x)	Min	1.00	0.00	1.00	0.00	0.00
	Mean	1.00	0.95	1.00	0.55	0.94
	Std	0.00	0.23	0.00	0.50	0.25
	Max	1.00	1.00	1.00	1.00	1.00
MoCA Orientation-year (Q1y)	Min	1.00	0.00	1.00	0.00	0.00
	Mean	1.00	0.96	1.00	0.55	0.94
	Std	0.00	0.19	0.00	0.50	0.24
	Max	1.00	1.00	1.00	1.00	1.00
MoCA Orientation-day (Q1z)	Min	0.00	0.00	0.00	0.00	0.00
	Mean	0.99	0.95	0.98	0.58	0.93
	Std	0.08	0.23	0.14	0.50	0.25
	Max	1.00	1.00	1.00	1.00	1.00
MoCA Orientation-place (Q1aa)	Min	0.00	0.00	0.00	0.00	0.00
	Mean	0.95	0.89	0.90	0.70	0.90
	Std	0.21	0.31	0.30	0.46	0.29
	Max	1.00	1.00	1.00	1.00	1.00
MoCA Orientation-city (Q1bb)	Min	1.00	0.00	1.00	0.00	0.00
	Mean	1.00	0.96	1.00	0.68	0.95
	Std	0.00	0.19	0.00	0.47	0.21
	Max	1.00	1.00	1.00	1.00	1.00

Craft Story 21 Recall		Status				All
		Normal	MCI	QCI	Dementia	
		194	70	53	118	435
Craft story- total story units recalled, verbatim scoring (Q3a)	Min	1.00	2.00	6.00	0.00	0.00
	Mean	25.39	18.79	21.94	9.31	21.75
	Std	5.78	6.32	6.07	6.38	7.95
	Max	39.00	33.00	36.00	26.00	39.00
Total story units recalled, paraphrase scoring (Q3b)	Min	1.00	1.00	6.00	0.00	0.00
	Mean	17.99	13.47	15.69	6.79	15.48
	Std	3.43	4.13	3.42	4.66	5.20
	Max	25.00	20.00	22.00	18.00	25.00

Craft Story 21 Recall (delayed)		Status				All
		Normal	MCI	QCI	Dementia	
		194	70	53	118	435
Craft story units recalled, verbatim scoring (Q9a)	Min	10.00	0.00	6.00	0.00	0.00
	Mean	23.27	15.16	19.67	3.59	19.00
	Std	5.36	6.92	6.15	4.92	8.53
	Max	37.00	29.00	32.00	15.00	37.00
Craft story, total story units recalled, paraphrase scoring (Q9b)	Min	9.00	0.00	4.00	0.00	0.00
	Mean	17.41	11.67	14.82	2.89	14.31
	Std	3.08	4.81	3.80	3.89	5.90
	Max	25.00	20.00	21.00	12.00	25.00
Craft story, delay time (Q9c)	Min	15.00	11.00	13.00	19.00	11.00
	Mean	21.09	23.39	21.12	23.38	21.76
	Std	2.21	10.68	2.36	3.68	5.10
	Max	37.00	99.00	29.00	31.00	99.00
"Cue "boy needed (Q9d)	Min	0.00	0.00	0.00	0.00	0.00
	Mean	0.00	0.04	0.04	0.65	0.09
	Std	0.00	0.19	0.20	0.48	0.28
	Max	0.00	1.00	1.00	1.00	1.00

Number Span Tests		Status				All
		Normal	MCI	QCI	Dementia	
		194	70	53	118	435
Number of correct trials (Q5a)	Min	3.00	2.00	2.00	2.00	2.00
	Mean	7.66	7.16	6.80	5.98	7.23
	Std	2.28	2.21	2.49	1.75	2.31
	Max	13.00	12.00	13.00	10.00	13.00
Longest span forward (Q5b)	Min	4.00	3.00	3.00	3.00	3.00
	Mean	6.36	6.09	5.76	5.40	6.10
	Std	1.31	1.33	1.42	1.08	1.34
	Max	9.00	9.00	9.00	8.00	9.00
Number of correct trials (Q6a)	Min	3.00	2.00	2.00	2.00	2.00
	Mean	7.45	5.81	6.75	4.58	6.70
	Std	2.07	1.94	2.26	1.55	2.25
	Max	14.00	12.00	13.00	9.00	14.00
Longest span backward (Q6b)	Min	3.00	2.00	2.00	2.00	2.00
	Mean	5.26	4.32	4.86	3.63	4.83
	Std	1.22	1.12	1.31	0.90	1.31
	Max	8.00	8.00	8.00	6.00	8.00

Animals & Vegetables		Status				All
		Normal	MCI	QCI	Dementia	
		194	70	53	118	435
Animals (Q7a)	Min	8.00	6.00	10.00	2.00	2.00
	Mean	20.72	15.53	18.63	10.43	18.22
	Std	5.34	4.58	4.53	4.56	6.08
	Max	37.00	28.00	30.00	23.00	37.00
Vegetables (Q7b)	Min	3.00	3.00	5.00	1.00	1.00
	Mean	14.78	10.16	12.65	6.05	12.56
	Std	4.45	4.03	3.90	3.15	5.10
	Max	28.00	19.00	21.00	17.00	28.00

Trail Making Tests		Status				All
		Normal	MCI	QCI	Dementia	
		194	70	53	118	435
Trail making test - part A (Q8a)	Min	12.00	15.00	15.00	19.00	12.00
	Mean	26.29	35.65	28.14	86.38	35.62
	Std	8.84	12.22	7.53	154.65	57.71
	Max	70.00	78.00	53.00	996.00	996.00
Number of commission errors (Q8a1)	Min	0.00	0.00	0.00	0.00	0.00
	Mean	0.13	0.16	0.10	0.15	0.13
	Std	0.35	0.41	0.36	0.58	0.40
	Max	2.00	2.00	2.00	3.00	3.00
Number of correct lines (Q8a2)	Min	24.00	24.00	24.00	6.00	6.00
	Mean	24.00	24.00	24.00	22.88	23.86
	Std	0.00	0.00	0.00	3.39	1.23
	Max	24.00	24.00	24.00	24.00	24.00
Trail making test - part B (Q8b)	Min	24.00	37.00	33.00	64.00	24.00
	Mean	72.16	131.07	92.35	332.40	118.30
	Std	37.85	72.19	48.20	319.60	147.59
	Max	300.00	300.00	300.00	996.00	996.00

(Continued)

Trail Making Tests		Status				All
		Normal	MCI	QCI	Dementia	
Number of commission errors (Q8b1)	Min	0.00	0.00	0.00	0.00	0.00
	Mean	0.41	1.00	0.86	1.88	0.75
	Std	0.81	1.49	1.30	2.17	1.31
	Max	6.00	7.00	7.00	7.00	7.00
Number of correct lines (Q8b2)	Min	19.00	8.00	13.00	0.00	0.00
	Mean	23.97	23.11	23.78	20.32	23.40
	Std	0.38	3.04	1.54	6.87	2.87
	Max	24.00	24.00	24.00	24.00	24.00

Benson Complex Figure		Status				All
		Normal	MCI	QCI	Dementia	
		194	70	53	118	435
Total score for copy of Benson figure (Q4a)	Min	11.00	13.00	14.00	1.00	1.00
	Mean	15.81	15.46	15.67	14.38	15.55
	Std	0.62	0.89	0.68	3.09	1.33
	Max	17.00	16.00	17.00	16.00	17.00
Benson total score- delayed (Q10a)	Min	6.00	0.00	4.00	0.00	0.00
	Mean	12.81	8.39	11.53	3.70	10.71
	Std	2.30	3.77	2.87	4.31	4.29
	Max	16.00	16.00	16.00	15.00	16.00
Benson: recognized original stimulus from 4 options (Q10b)	Min	0.00	0.00	0.00	0.00	0.00
	Mean	0.92	0.88	0.84	0.53	0.85
	Std	0.28	0.33	0.37	0.51	0.36
	Max	1.00	1.00	1.00	1.00	1.00

Multilingual Naming Test (MINT)		Status				All
		Normal	MCI	QCI	Dementia	
		194	70	53	118	435
MINT total score (Q11a)	Min	7.00	12.00	16.00	7.00	7.00
	Mean	29.72	27.00	28.45	23.31	28.27
	Std	3.21	4.64	4.25	5.98	4.56
	Max	32.00	32.00	32.00	32.00	32.00
MINT total correct without semantic cue (Q11b)	Min	6.00	0.00	16.00	7.00	0.00
	Mean	29.44	25.95	28.22	22.41	27.79
	Std	3.38	5.97	4.34	6.26	5.05
	Max	32.00	32.00	32.00	31.00	32.00
MINT semantic cues: number given (Q11c)	Min	0.00	0.00	0.00	0.00	0.00
	Mean	0.85	2.26	1.67	4.13	1.62
	Std	1.19	2.83	2.66	4.13	2.53
	Max	5.00	11.00	12.00	21.00	21.00
MINT semantic cues: number correct with cue (Q11d)	Min	0.00	0.00	0.00	0.00	0.00
	Mean	0.60	0.75	0.46	0.94	0.68
	Std	0.68	1.19	0.65	2.06	1.19
	Max	2.00	5.00	2.00	12.00	12.00
Phonemic cues: number given (Q11e)	Min	0.00	0.00	0.00	1.00	0.00
	Mean	2.09	4.68	3.39	7.92	3.45
	Std	2.57	4.00	3.88	4.74	3.88
	Max	12.00	18.00	14.00	18.00	18.00
Phonemic cues: number correct with cue (Q11f)	Min	0.00	0.00	0.00	0.00	0.00
	Mean	0.83	1.25	1.57	2.18	1.25
	Std	0.81	1.28	1.79	1.96	1.41
	Max	3.00	4.00	6.00	11.00	11.00

Verbal Fluency		Status				All
		Normal	MCI	QCI	Dementia	
		194	70	53	118	435
Number of correct F-words generated in one minute (Q12a)	Min	7.00	3.00	6.00	3.00	3.00
	Mean	15.45	11.46	13.63	10.13	13.81
	Std	3.93	4.42	4.22	4.72	4.62
	Max	29.00	21.00	22.00	25.00	29.00
Number of F-words repeated in 1 minute (Q12b)	Min	0.00	0.00	0.00	0.00	0.00
	Mean	0.67	1.00	0.96	1.25	0.84
	Std	0.91	1.13	1.39	1.60	1.15
	Max	4.00	4.00	5.00	7.00	7.00
Number of non-F-words and rule violation errors in 1 minute (Q12c)	Min	0.00	0.00	0.00	0.00	0.00
	Mean	0.14	0.05	0.18	0.38	0.16
	Std	0.45	0.23	0.52	0.74	0.48
	Max	3.00	1.00	3.00	3.00	3.00
Number of correct L-words generated in 1 minute (Q12d)	Min	2.00	3.00	4.00	3.00	2.00
	Mean	14.13	11.60	11.75	10.05	12.81
	Std	4.37	4.43	4.31	4.55	4.63
	Max	24.00	21.00	20.00	20.00	24.00
Number of L-words repeated in 1 minute (Q12e)	Min	0.00	0.00	0.00	0.00	0.00
	Mean	0.84	1.04	1.04	1.00	0.93
	Std	1.03	1.07	1.36	1.15	1.11
	Max	5.00	5.00	5.00	4.00	5.00
Number of non-L-words and rule violation errors in 1 minute (Q12f)	Min	0.00	0.00	0.00	0.00	0.00
	Mean	0.13	0.19	0.16	0.25	0.16
	Std	0.57	0.72	0.61	0.49	0.60
	Max	6.00	5.00	4.00	2.00	6.00
Total number of correct F-words and L-words (Q12g)	Min	10.00	4.00	8.00	7.00	4.00
	Mean	29.58	22.86	25.18	20.05	26.54
	Std	7.67	8.50	8.15	8.93	8.79
	Max	53.00	40.00	40.00	45.00	53.00

(Continued)

Verbal Fluency		Status				All
		Normal	MCI	QCI	Dementia	
Total number of F-word and L-word repetition errors (Q12h)	Min	0.00	0.00	0.00	0.00	0.00
	Mean	1.51	2.02	2.00	2.23	1.76
	Std	1.55	1.67	2.42	2.29	1.84
	Max	8.00	6.00	9.00	7.00	9.00
Total number of non-F/L words and rule violation errors (Q12i)	Min	0.00	0.00	0.00	0.00	0.00
	Mean	0.24	0.28	0.33	0.60	0.30
	Std	0.64	0.82	0.79	0.87	0.73
	Max	5.00	5.00	4.00	3.00	5.00

Overall appraisal, per clinician		Status				All
		Normal	MCI	QCI	Dementia	
		194	70	53	118	435
Cognitive status overall appraisal (Q13a)						
	N	17	13	2	77	109
	%	8.76%	18.57%	3.77%	65.25%	25.05%
- Better than normal age	N	44	--	1	--	45
	%	22.68%	--	1.88%	--	10.34%
- Normal for age	N	69	1	10	--	80
	%	35.56%	1.42%	18.86%	--	18.39%
- One or two test scores abnormal	N	64	32	36	--	132
	%	32.98%	45.71%	67.92%	--	30.34%
- Three or more scores abnormal/lower than expected	N	--	24	4	41	69
	%	--	34.28%	7.54%	34.74%	15.86%