

Table S4. Descriptive statistics for secondary outcome measures

Neuropsychological instrument	Outcome measure	Treatment group						Control group					
		Pre-treatment			Post-treatment			Pre-treatment			Post-treatment		
		Mean (SD)	c.r Asymmetry	c.r Kurtosis	Mean (SD)	c.r Asymmetry	c.r Kurtosis	Mean (SD)	c.r Asymmetry	c.r Kurtosis	Mean (SD)	c.r Asymmetry	c.r Kurtosis
EDAH scales	Hyperactivity score	12.46 (3.39)	0.10	-1.07	8.66 (3.47)	-0.27	-0.81	11.78 (3.76)	-0.27	-0.64	8.5 (3.54)	0.06	-0.72
	Inattention score	13.33 (3.19)	-0.45	-0.41	9.26 (2.78)	0.41	-0.29	11.85 (4.07)	-0.29	-0.46	9.14 (3.57)	-0.04	-0.77
	Behavioural Disorders score	19.46 (7.94)	-0.02	-0.51	10.06 (6.11)	0.37	-0.39	17.92 (7.51)	-0.09	-0.67	10.78 (6.07)	-0.30	-0.57
BRIEF	Inhibition score	20.8 (3.85)	0.13	-1.42	20 (5.6)	-0.19	-0.61	22 (4.81)	-0.38	-0.46	20.35 (4.81)	0.22	-0.41
	Flexibility score	16.8 (2.70)	0.00	-0.87	15.6 (3.5)	0.20	-0.56	15.71 (3.53)	0.25	-0.60	16.14 (3.10)	0.09	-0.53
	Working Memory score	25.73 (2.84)	0.05	-1.40	24.46 (3.66)	-0.26	-0.66	24.14 (4.45)	-0.36	-0.49	23.42 (4.55)	-0.40	-0.38
Auditory Attention Test	Correct answers	27.28 (3.81)	-0.85	0.07	27.13 (2.79)	-0.58	-0.34	28 (3.23)	-0.54	0.28	28 (2.85)	-1.28	0.70
	Commissions	4.28 (2.64)	0.87	0.36	2.46 (1.50)	0.15	-0.51	3.35 (2.67)	1.09	0.22	2.35 (1.90)	0.22	-0.74
	Omissions	2.85 (3.39)	1.12	1.10	2.4 (2.82)	0.82	-0.12	2 (2.25)	0.66	-0.31	1.5 (2.76)	1.71	1.50
	Inhibition errors	2.07 (1.73)	0.19	-1.59	1.66 (1.71)	0.62	-0.34	2.42 (2.95)	1.09	0.28	1.07 (1.43)	0.87	-0.16
	Forward correct answers	27.33 (4.25)	0.00	-1.47	29.93 (4.69)	-0.67	-0.28	27.35 (4.68)	-0.21	-0.42	30 (4.47)	-1.09	0.52
Cognitive Flexibility Test	Commissions	4.2 (2.93)	0.59	-1.02	1.8 (2.04)	0.99	0.19	6.14 (5.58)	0.83	-0.13	2.71 (2.94)	0.85	-0.22
	Omissions	5.93 (4.21)	0.38	-1.21	5.26 (4.62)	0.73	-0.24	5.64 (5.19)	0.83	-0.05	4.07 (4.82)	1.35	0.94
	Inhibition errors	3.53 (3.02)	0.97	0.04	1.6 (1.68)	0.88	0.22	4.78 (4.96)	1.01	0.15	1.78 (2.19)	0.89	-0.25
Digit Span Test	Forward correct answers	6.46 (0.91)	0.08	-1.01	6.66 (1.23)	0.70	-0.38	7.57 (2.44)	0.34	-0.49	7.5 (2.40)	0.97	0.56
	Forward span	4.46 (0.51)	0.10	-2.11	4.53 (0.74)	0.75	-0.35	5.28 (1.13)	0.29	-0.61	5.28 (1.52)	1.13	0.73
	Backward correct answers	5.93 (1.33)	0.68	-0.31	6.06 (0.96)	-0.10	-0.05	5.92 (1.59)	0.89	0.27	6.5 (1.99)	0.18	-0.30
	Backward span	3.26 (0.70)	0.69	0.40	3.53 (0.63)	0.56	-0.35	3.5 (1.01)	0.85	0.13	3.57 (1.01)	0.02	-0.56
Verbal Fluency Test (Semantic)	Correct answers	27.93 (8.68)	-0.11	-1.23	29.64 (5.37)	0.36	-0.59	28.07 (6.87)	-0.30	-0.12	25.71 (8.60)	-0.33	-0.06
	Errors	3.06 (4.63)	1.52	2.62	1.93 (1.98)	0.78	-0.16	4.42 (8.14)	1.84	1.73	3.5 (6.59)	2.02	2.21
Verbal Fluency Test (Phonological)	Self-corrected errors	4.06 (4.47)	1.12	0.83	3 (2.85)	0.71	-0.03	4.57 (4.46)	0.49	-0.41	4.57 (4.58)	0.29	-0.77
	Response time	24.6 (8.23)	0.16	-1.95	89.08 (48.06)	0.23	-0.38	56.66 (46.77)	0.33	-0.54	84 (40.63)	-0.30	-0.41
Inhibition Test	Forward correct answers	6.6 (1.91)	-0.12	-1.69	7.6 (2.13)	0.17	-0.52	7.92 (2.75)	-0.06	-0.49	7.71 (2.67)	0.20	-0.37
	Forward span	4.86 (1.06)	0.21	-0.86	5.53 (1.45)	0.11	-0.44	5.5 (1.40)	-0.46	-0.46	5.21 (1.36)	0.26	-0.38
	Backward correct answers	5.8 (2.14)	-0.07	-1.29	7.28 (2.43)	0.22	-0.50	5.64 (1.94)	-0.58	-0.04	6.35 (2.46)	-0.49	-0.27
Corsi Block Tapping Test	Backward span	4.26 (1.16)	-0.20	-1.04	5.21 (1.57)	0.55	0.04	4.57 (1.34)	0.03	-0.37	4.35 (1.27)	-0.18	-0.56
	Correct answers	3.2 (2.30)	0.40	-1.30	5.28 (2.58)	-0.08	-0.48	4.64 (2.61)	-0.28	-0.60	4.85 (2.45)	-0.26	-0.67
	Repeated answers	2.13 (1.50)	0.63	-0.71	1.28 (0.99)	0.28	-0.47	2.42 (1.65)	0.50	-0.22	2 (2.82)	1.41	0.85
Card Classification Test	Unaccurate answers	1.8 (2.51)	1.92	4.64	1.07 (1.43)	0.87	-0.16	1.28 (1.71)	1.05	0.08	1.21 (1.62)	1.49	1.12
	Total errors	3.93 (3.53)	1.68	3.56	2.35 (1.82)	0.95	0.26	3.71 (2.89)	0.68	-0.30	3.21 (4.07)	1.80	1.74
	Correct answers	22.66 (5.32)	-0.14	-0.51	23.4 (5.15)	0.30	-0.53	25.14 (4.89)	0.31	-0.42	26.28 (5.67)	0.46	-0.17
Symbol Search Test	Errors	3.13 (5.13)	1.98	4.80	1.26 (2.7)	2.40	3.08	2.71 (5.09)	1.93	1.97	3.28 (8.87)	2.45	3.14
	Processed stimuli	25.8 (6.65)	0.53	0.19	24.73 (4.38)	0.17	-0.44	27.85 (7.12)	0.64	-0.16	29.57 (10.40)	1.44	1.07
	Correct answers	35.13 (8.04)	-0.60	-1.07	35.46 (9.31)	0.37	-0.46	39.78 (13.48)	-0.22	-0.38	36.64 (14.15)	0.59	-0.46
Digit Symbol Substitution Test	Errors	0.33 (0.61)	1.25	0.88	0.6 (0.98)	1.04	-0.01	0.35 (0.49)	0.45	-0.79	0.64 (0.98)	0.57	-0.67
	Processed stimuli	35.46 (8.09)	-0.64	-0.95	36.06 (9.22)	0.28	-0.49	40.14 (13.36)	-0.19	-0.40	37.28 (14.00)	0.64	-0.42
Conners' Continuous Performance Test (III)	Response Style	54.93 (11.1)	-0.27	-0.87	60.66 (6.79)	0.49	-0.41	57.35 (13.39)	0.49	0.18	56.35 (13.35)	-0.17	-0.55
	Detectability	57.46 (7.69)	-0.71	-0.22	53.33 (9.57)	-0.18	-0.37	52.85 (8.06)	0.27	-0.47	53.28 (6.54)	0.61	0.44
	Omissions	59.66 (15.08)	0.52	-1.22	59.66 (16.31)	0.66	-0.45	55.07 (13.41)	1.09	0.35	55 (13.46)	0.94	0.27
	Perseverations	63.53 (17.77)	0.34	-1.59	57.46 (15.11)	1.00	0.03	56.5 (12.42)	1.14	0.52	57.71 (13.37)	0.95	0.03
	Mean Reaction Time	56.93 (12.37)	0.87	0.94	61.4 (11.45)	0.73	-0.25	61.71 (14.71)	0.38	-0.43	59.92 (17.34)	0.48	-0.51
	Standard Deviation of HRT	64.26 (15.31)	0.30	-1.34	65.2 (14.64)	0.11	-0.48	60.85 (13.32)	0.33	-0.17	62.92 (13.29)	-0.11	-0.50
	Response Variability	60.66 (14.86)	0.59	-0.70	58.93 (10.47)	0.36	-0.60	58.38 (15.22)	0.67	-0.30	56.69 (12.12)	0.29	-0.53
	HRT Variability by ISI	61.13 (11.99)	0.39	-1.27	65.8 (15.27)	-0.56	-0.24	62 (17.43)	0.34	-0.56	62.14 (15.61)	0.01	-0.51