Table S1: Means and SD for Neurocognitive Measures in Adequate Trial Completers

Variable	Pre-MST		Post-MST		Z	*P*
MoCA	26.76	(2.61)	26.60	(2.75)	-0.490	0.624
AMI – SF	51.68	(5.88)	42.00	(7.38)	-4.291	<0.001
Trails A	41.35	(18.44)	36.89	(15.15)	-1.992	0.046
Trails B	98.29	(67.58)	95.44	(40.75)	-0.438	0.661
Symbol Coding	49.32	(14.47)	49.23	(14.69)	-0.299	0.765
HVLT-R Trial 1	6.55	(2.30)	6.41	(1.71)	-0.336	0.737
HVLT-R Recall	8.59	(3.04)	8.82	(3.19)	-0.032	0.975
HVLT-R Retention	84.23	(16.77)	82.13	(18.99)	-0.501	0.616
HVLT-R Recognition	10.68	(1.43)	10.82	(1.59)	-0.690	0.490
Spatial Span Forward	8.87	(1.63)	8.70	(2.16)	-0.330	0.742
Spatial Span Back	7.70	(2.10)	7.57	(2.33)	-0.090	0.928
LNS	15.67	(3.34)	15.67	(4.07)	-0.339	0.734
BVMT-R Trial 1	6.68	(2.85)	6.27	(2.64)	-0.862	0.389
BVMT-R Recall	9.55	(2.26)	9.59	(2.54)	-0.088	0.930
BVMT-R Retention	94.32	(11.43)	93.92	(13.22)	-0.380	0.704
BVMT-R Learning	3.45	(2.40)	3.82	(2.11)	-0.832	0.405

BVMT-R Recognition	5.57	(0.75)	5.57	(0.98)	-0.306	0.760
Mazes	13.86	(7.65)	14.95	(7.25)	-1.314	0.189
COWAT	40.05	(16.66)	38.73	(16.13)	-0.313	0.754
Categories - Animals	21.24	(6.52)	21.24	(6.36)	-0.349	0.727
Stroop Color Score	110.91	(4.49)	108.95	(9.92)	-1.069	0.285
Stroop Color Time	61.25	(13.21)	66.71	(16.89)	-1.755	0.079
Stroop Color Word Score	94.09	(19.44)	92.41	(26.83)	-0.259	0.795
Stroop Color Word Score Time	119.86	(24.80)	113.075	(18.94)	-1.412	0.158

Patients who have completed an adequate trial of MST.

Note. MoCA = Montreal Cognitive Assessment; AMI – SF = Autobiographical Memory Interview-Short Form; Trails A/B = Trail Making Test, Form A or B; Symbol coding = Brief Assessment of Cognition in Schizophrenia Symbol Coding; HVLT-R = Hopkins Verbal Learning Test-Revised; Spatial Span = from the Weschler Memory Scale – third edition. LNS = Letter Number Span; BVMT-R = Brief Visuospatial Memory Test-Revised; Mazes = from the Neuropsychological Assessment Battery; COWAT = Controlled Oral Word Association Test; Categories = Category Fluency task, Animals subset. Stroop = Stroop Color-Word Test.

Table S2: Means and SD for Neurocognitive Measures in Per-Protocol Completers

	M (SD)			
Variable	Pre-MST	Post-MST	Z	*P*
MoCA	27.00 (2.75)	26.89 (2.54)	-0.286	0.775
AMI – SF	50.80 (5.63)	41.75 (6.91)	-3.925	<0.001
Trails A	41.41 (19.42)	37.38 (16.17)	-1.643	0.100
Trails B	100.13 (72.42)	96.58 (43.36)	-0.402	0.687
Symbol Coding	50.00 (15.37)	49.16 (15.76)	-0.166	0.868
HVLT-R Trial 1	6.63 (2.19)	6.32 (1.80)	-0.922	0.356
HVLT-R Recall	8.84 (2.93)	8.95 (3.21)	-0.398	0.690
HVLT-R Retention	85.01 (16.69)	82.01 (19.05)	-0.824	0.410
HVLT-R Recognition	10.79 (1.23)	10.68 (1.67)	-0.053	0.958
Spatial Span Forward	8.85 (1.73)	8.75 (2.29)	-0.079	0.937
Spatial Span Back	7.85 (2.16)	7.40 (2.35)	-1.041	0.298
LNS	15.78 (3.46)	15.72 (4.27)	-0.246	0.805
BVMT-R Trial 1	6.53 (2.86)	6.32 (2.77)	-0.430	0.667
BVMT-R Recall	9.47 (2.27)	9.42 (2.65)	-0.284	0.776
BVMT-R Retention	93.33 (11.64)	93.49 (14.10)	-0.063	0.950
BVMT-R Learning	3.63 (2.52)	3.63 (2.19)	-0.130	0.896

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BVMT-R Recognition	5.61	(0.70)	5.56	(1.04)	-0.072	0.943
Mazes	14.67	(7.91)	15.78	(7.50)	-1.090	0.276
COWAT	40.58	(17.65)	38.11	(17.15)	-0.981	0.326
Categories - Animals	22.28	(6.25)	21.39	(6.66)	-0.813	0.416
Stroop Color Score	110.89	(4.82)	108.47	(10.63)	-1.342	0.180
Stroop Color Time	59.35	(12.34)	66.22	(17.93)	-2.112	0.035
Stroop Color Word Score	95.89	(18.24)	91.37	(27.84)	-0.472	0.637
Stroop Color Word Score Time	117.41	(24.58)	110.36	(18.14)	-1.172	0.241

Patients who have completed the trial of MST per-protocol.

Note. MoCA = Montreal Cognitive Assessment; AMI – SF = Autobiographical Memory Interview-Short Form; Trails A/B = Trail Making Test, Form A or B; Symbol coding = Brief Assessment of Cognition in Schizophrenia Symbol Coding; HVLT-R = Hopkins Verbal Learning Test-Revised; Spatial Span = from the Weschler Memory Scale – third edition. LNS = Letter Number Span; BVMT-R = Brief Visuospatial Memory Test-Revised; Mazes = from the Neuropsychological Assessment Battery; COWAT = Controlled Oral Word Association Test; Categories = Category Fluency task, Animals subset. Stroop = Stroop Color-Word Test.