

Supplementary Online Content

Stone WS, Cai B, Liu X, et al. Association between the duration of untreated psychosis and selective cognitive performance in community-dwelling individuals with chronic untreated schizophrenia in rural China. *JAMA Psychiatry*. Published July 8, 2020. doi:10.1001/jamapsychiatry.2020.1619

eTable. Comparison of the MMSE, Each of the 8 Cognitive Tests in the Adapted MCCB, and the REMT-CV-R Between All Untreated Patients and Individuals in the Control Group

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable. Comparison of the MMSE, Each of the 8 Cognitive Tests in the Adapted MCCB, and the RMET-CV-R Between All Untreated Patients and Individuals in the Control Group*

Test	Untreated patients (n=197)			Control group (n = 220)			Spearman ρ^{**}
	Mean (SD)	Median (IQR)	Range	Mean (SD)	Median (IQR)	Range	
MMSE	16.6 (10.4)	16 (8 - 24)	0 - 38	26.3 (7.6)	27 (21 - 32)	4 - 38	-0.573
Specific MCCB tests ⁺							
TMT-A—time	203 (102)	241 (96-300)	33-300	104 (90)	67 (47-109)	16-300	0.599
BACS Symbol Coding—number	10.5 (12.3)	4 (0 - 20)	0 - 51	23.4 (16.6)	22.5 (10 - 34.8)	0 - 69	-0.604
HVLT-R—total	7.3 (7.1)	6 (0 - 12.5)	0 - 27	15.5 (6.5)	15 (11 - 20)	0 - 33	-0.583
WMS-III Spatial Span—total	5.9 (5.2)	6 (0 - 10.5)	0 - 18	12.4 (3.9)	13 (10 - 15)	3 - 22	-0.638
NAB Mazes—index score	2.4 (3.8)	1 (0 - 3)	0 - 19	7.5 (5.7)	6.5 (3 - 11)	0 - 24	-0.597
BVMT-R—total	4.3 (5.1)	3 (0 - 6.5)	0 - 22	13.0 (8.3)	12 (6 - 19)	0 - 32	-0.645
CF Animal Naming—number	6.7 (6.0)	6 (0 - 12)	0 - 21	13.6 (4.3)	14 (10.3 - 16)	0 - 26	-0.568
CPT-IP—mean ⁺⁺	0.34 (0.58)	0 (0 - 0.46)	0-2.96	0.99 (0.83)	0.85 (0.25 - 1.59)	0-3.29	-0.554
RMET-CV-R—number ⁺	12.4 (14.4)	0 (0 - 22.5)	0 - 55	28.9 (13.2)	28 (19 - 40.8)	0 - 57	-0.596

MCCB: Measurement and Treatment Research to Improve Cognition in Schizophrenia (MATRICS) Consensus Cognition Battery

MMSE: Mini-Mental Status Examination

TMT-A: Trail Making Test, Part A

BACS Symbol Coding: Brief Assessment of Cognition in 3 Schizophrenia, Symbol Coding subtest

HVLT-R: Hopkin's Verbal Learning Test-Revised

WMS-III Spatial Span: Wechsler Memory Scale, third edition, Spatial Span subtest

NAB Mazes: Neuropsychological Assessment Battery, Mazes subtest

BVMT-R: Brief Visuospatial Memory Test-Revised

CF Animal Naming: Category Fluency, Animal Naming test

CPT-IP: Continuous Performance Test-Identical Pairs version

RMET-CV-R: Reading the Mind in the Eyes Test, Revised Chinese version

* Worst scores assigned to tests with indeterminate validity. Worst score was 300 for TMT-A and 0 for the 7 other specific MCCB tests and RMET-CV-R.

** Spearman partial correlation coefficient of association between cognitive outcome and group (coding untreated patients as '1' and controls as '0') controlling for gender, age, years of schooling, residence (rural vs. urban) and ethnicity (Han vs. Hui). Based on the statistical test for partial correlation coefficients (67), all p-values <.001.

⁺ all 8 specific MCCB tests and RMET-CV-R had False Discovery Rate (FDR) <0.001

⁺⁺ calculated using d' reaction time