

SUPPLEMENTARY DATA

Supplementary Table 1. Raw cognitive test scores and normalized z-scores

	Raw test scores			Z-scores ^a	
	Range of scores	Controls	T2DM	Controls	T2DM
Information processing speed					
Trail Making Test part A (sec)	27-125	46.5±9.0	49.6±18.3	0.11±0.62	-0.11±1.27
Stroop Color Word Test (mean I+II) (sec)	42-81	57.0±6.3	55.0±7.5	-0.13±0.91	0.14±1.08
Symbol substitution test (digits)	23-84	52.5±11.2	51.7±14.9	0.03±0.85	-0.03±1.34
Attention and Executive functioning					
Trail Making Test part B (sec)#	39-300	95.6±23.6	108.3±49.0	0.08±0.95	-0.08±1.06
Stroop Color Word Test III (sec)#	67-300	118.5±29.7	117.8±41.4	0.03±0.83	-0.03±1.04
Letter fluency (mean N+A)	3-25	11.1±4.1	10.5±4.0	0.06±0.94	-0.06±0.92
Category fluency (No. of animals)	15-59	31.9±8.6	33.3±8.4	-0.08±1.02	0.09±0.99
Memory					
RALVT total trials 1-5 (words)	18-61	34.7±9.5	32.6±8.4	0.12±1.06	-0.12±0.94
RAVLT delay (words)	0-15	6.3±3.2	5.9±2.7	0.03±0.96	-0.03±1.05

Raw test scores per group are represented as mean±SD or median (range). RALVT: Rey Auditory Verbal Learning Test.

^aZ-scores are transformed such that higher scores indicate better performance. # Z-scores are adjusted for performance on information processing speed (i.e. Trail Making Test A and Stroop Test I+II respectively).