

SUPPLEMENTARY DATA

Supplementary Table 1. Cognitive domains and tests.

Cognitive Domain	Tests
Memory factor	Hopkins Immediate Verbal Recall
	Hopkins Delayed Verbal Recall
	Hopkins Recognition
Visuospatial and planning factor	Rey Complex Figure Copy Task
	Rey Complex Figure Recall Task
Speed factor	Digit Symbol Coding
	Digit Symbol Search
Executive function	COWAT Word test
	COWAT Category Test
	Digit Span Recall
	Stroop Dot Time
	Stroop Word Time
	Stroop Color time

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Supplementary Table 2. Sample characteristics by diabetes status.

	T2DM n=285	No T2DM n=201	P value
Age (years)	67.5 (6.9)	73.4 (6.9)	<0.001
Female sex	41% (117/285)	45% (91/201)	0.35
Formal education (years)	11.5 (3.4)	11.2 (3.9)	0.40
Self reported history of hypertension or mean SBP >140 or mean DBP >90 mmHg	88% (251/285)	72% (144/201)	<0.001
Use of blood pressure lowering medications	70% (199/285)	43% (86/201)	<0.001
Statin use	62% (176/285)	23% (47/201)	<0.001
Ischemic Heart Disease	19% (54/285)	13% (27/201)	0.11
TIA or Stroke	8% (24/285)	4% (8/201)	0.053
Hyperlipidemia	48% (138/285)	7% (15/201)	<0.001
Ever smoked	53% (152/285)	51% (102/201)	0.60
BMI (kg/m ²)	30.5 (5.1)	27.2 (4.2)	<0.001
Normal (BMI 20-25)	11% (31/285)	27% (55/201)	<0.001
Overweight (BMI 25-30)	41% (117/285)	50% (100/201)	0.048
Obese (BMI>30)	47% (135/285)	21% (42/201)	<0.001
Mean steps per day	6377 (3660)	6414 (3014)	0.91
Fasting blood glucose (mmol/l)	7.7 (2.3)	5.3 (0.5)	<0.001
HbA _{1c} (%)	7.2 (1.2)	5.6 (0.3)	<0.001
(mmol/mol)	55	38	
Serum creatinine (μmol/L)	78.7 (25)	78.4 (24)	0.91
Age at diabetes diagnosis (years)	57.5 (11.3)		
Median duration of T2DM (years)	7 (4-12)		
Use of oral glucose lowering medications	62% (176/285)		
Use of insulin	4% (10/285)		
Any cognitive impairment	107 (38)	39 (19)	<0.001
Skin autofluorescence (AU)	2.03 (0.54)	2.07 (0.51)	0.49