

Supplementary Table 1. Baseline characteristics of FDS1 participants with type 1 diabetes by death from cardiovascular disease (CVD) or other causes to end-2017.

	Alive	CVD death	Non-CVD death	P-value
Number (%)	70 (56.0)	25 (20.0)	30 (24.0)	
Age (years)	33.1±12.5	54.8±8.9***	52.4±14.6***	<0.001
Male (%)	51.4	64.0	73.3	0.107
Education beyond primary (%)	89.2	84.0	82.8	0.627
Not fluent in English (%)	<7.1 ^a	<20.0 ^a	<16.7 ^a	0.372
Overseas born (%)	26.1	48.0	30.0	0.145
Smoking status (%):		**		0.003
Never	58.2	24.0	30.0	
Ex-	20.9	56.0	33.3	
Current	20.9	20.0	36.7	
Alcohol (standard drinks/day)	0.1 [0-1.1]	0 [0-0.3]	0.1 [0-1.0]	0.253
Any exercise in past two weeks (%)	87.0	72.0	80.0	0.215
BMI (kg/m ²)	25.0±4.4	29.7±5.1***	26.5±4.9 [†]	<0.001
ABSI (m ^{11/6} /kg ^{2/3})	0.75±0.06	0.82±0.05***	0.80±0.05***	<0.001
Abdominal obesity (% by waist circumference)	12.9	56.0***	23.3	<0.001
Age at diabetes diagnosis (years)	25.3±11.2	33.9±8.0**	33.4±12.9**	<0.001
Diabetes duration (years)	4.9 [0.7-12.7]	21.0 [15.5-26.0]***	19.0 [7.8-29.9]***	<0.001
Fasting serum glucose (mmol/L)	10.7 [6.7-16.7]	10.6 [9.5-13.6]	11.0 [8.2-15.2]	0.831
HbA _{1c} (%)	8.0 [6.7-9.3]	9.7 [8.2-10.9]***	9.2 [7.9-10.2]*	<0.001
HbA _{1c} (mmol/mol)	64 [50-78]	83 [66-96]***	77 [63-88]*	<0.001
Systolic blood pressure (mmHg)	126±15	148±21***	145±29***	<0.001
Diastolic blood pressure (mmHg)	73±9	81±12**	80±12**	<0.001
On antihypertensive medication (%)	8.6	52.0***	40.0**	<0.001

Total serum cholesterol (mmol/L)	4.9±1.0	5.8±2.0*	5.3±1.4	0.018
HDL-cholesterol (mmol/L)	1.31±0.39	1.06±0.42*	1.20±0.48	0.034
Serum triglycerides (mmol/L)	1.1 (0.6-2.0)	2.0 (0.8-4.9)**	1.3 (0.6-2.7)	0.001
On lipid-modifying medication (%)	0	28.0***	<16.7 ^a	<0.001
eGFR (CKD-EPI) <60 ml/min/1.73m ² (%)	<7.1 ^a	32.0***	17.2*	<0.001
Urinary albumin:creatinine ratio (mg/mmol)	1.2 (0.4-3.4)	10.7 (1.4-83.7)***	3.8 (0.7-20.7)**, [†]	<0.001
Any retinopathy (%)	13.2	64.0***	50.0***	<0.001
Peripheral sensory neuropathy (%)	8.7	45.5***	37.9**	<0.001
Peripheral arterial disease (%)	17.1	40.0	17.2	0.065
Ischaemic heart disease (%)	<7.1 ^a	32.0***	16.7	<0.001
Cerebrovascular disease (%)	0	<20.0 ^a *	<16.7 ^a	0.002
Charlson Comorbidity Index ≥1 (%)	<7.1 ^a	20.0	23.3*	0.008

* $P<0.05$, ** $P<0.01$, *** $P<0.005$ versus Alive; [†] $P<0.05$ versus CVD death, after Bonferroni correction for multiple comparisons

^aSmall cell counts (<5) have been suppressed