

## SUPPLEMENTARY DATA

**Supplementary Table 1.** Subject Characteristics by Diabetes and CACp Status

Variable	T1D participants with ACR<10 at both visits			All Non-DM participants			CACp-	CACp+
	T1D CACp- N=165	T1D CACp+ N=77	p-value	Non-DM CACp- N=368	Non-DM CACp+ N=152	p-value	p-value	p-value
NHW, %	94%	96%	0.49	84%	88%	0.27	0.001	0.04
<b>T1D duration, years</b>	22.0±1	25.2±1	0.008	NA	NA	NA	NA	NA
<b>Smoking, %</b>	7%	13%	0.14	8%	9%	0.56	0.87	0.37
<b>CVS square root</b>	0.9±0.3	5.1±0.5	<0.0001	0.1±0.3	2.5±0.4	<0.0001	0.06	0.002
<b>HbA1c, %</b>	7.7±0.1	7.6±0.1	0.54	5.5±0.04	5.6±0.1	0.22	<0.0001	<0.0001
<b>BMI, kg/m<sup>2</sup></b>	25.4±0.4	25.9±0.5	0.42	25.3±0.3	27.6±0.4	<0.0001	0.72	0.007
<b>Cystatin C, mg/L</b>	0.75±0.01	0.77±0.01	0.29	0.78±0.01	0.78±0.01	0.82	0.003	0.41
<b>Serum creatinine, mg/dl</b>	0.77±0.02	0.79±0.02	0.45	0.83±0.01	0.81±0.02	0.40	0.004	0.55
<b>CKD-EPI Serum creatinine</b>	109±1.5	107±2.3	0.50	105±1.1	106±1.8	0.39	0.02	0.74
<b>CKD-EPI Cystatin C</b>	113±1	111±1	0.45	110±1	110±1	0.72	0.007	0.42
<b>CKD-EPI combined</b>	108±1	105±2	0.28	103±1	104±1	0.28	0.0008	0.69
<b>ACE/ARB use</b>	15%	31%	0.006	2%	5%	0.10	<0.0001	<0.0001
<b>Hypertension, %</b>	21%	35%	0.003	9%	32%	<0.0001	<0.0001	0.67
<b>SBP, mmHg</b>	114±1	117±1	0.13	112±1	117±1	<0.0001	0.04	0.82
<b>DBP, mmHg</b>	77±1	75±1	0.21	77±0.5	81±1	<0.0001	0.33	<0.0001
<b>Total Cholesterol, mg/dl</b>	173±3	166±4	0.16	188±2	190±3	0.73	<0.0001	<0.0001
<b>HDL, mg/dl</b>	58±1	55±2	0.13	52±1	47±1	0.0008	<0.0001	<0.0001
<b>LDL, mg/dl</b>	98±2	94±4	0.45	113±2	114±3	0.81	<0.0001	<0.0001
<b>TG, mg/dl*</b>	75 (25-299)	76 (52-300)	0.88	104 (36-178)	127 (47-263)	0.0003	<0.0001	<0.0001
<b>Adiponectin*</b>	13.0 (2.3-57)	11.6 (2.4-52)	0.14	8.9 (1-47)	8.1 (2.29)	0.09	<0.0001	<0.0001
<b>Waist</b>	83±1	84±1	0.75	83±1	90±1	<0.0001	0.70	<0.0001
<b>CRP*</b>	2.4 (0.3-15.5)	2.5 (0.5-6.8)	0.62	2.4 (0.3-16.5)	2.7 (0.4-13.8)	0.02	0.84	0.17
<b>Fibrinogen*</b>	246 (128-558)	256 (162-392)	0.23	247 (77-564)	260 (140-462)	0.046	0.78	0.66
<b>Homocysteine*</b>	7.1 (4.3-11.6)	8.0 (4.1-50)	0.001	8.0 (4.7-20.2)	8.4 (4.8-40.9)	0.08	<0.0001	0.17
<b>Visceral fat*</b>	27.6 (0.6-137)	29.8 (10-12.5)	0.34	34.4 (0.7-24.5)	42.7 (0.4-206)	0.0002	<0.0001	<0.0001
<b>Uric acid</b>	4.8±0.1	4.9±0.1	0.45	5.7±0.1	6.0±0.1	0.0004	<0.0001	<0.0001

LS Means adjusted for age and sex; \*geometric mean and range; CAC- p-value comparing T1D to Non-DM; CAC+ p-value comparing T1D to Non-DM; p-values not adjusted for multiple comparisons

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### CKD-EPI equations (10)

#### Serum creatinine based

CKD-EPI creatinine equation:  $eGFR = 141 \times \min(\text{Scr}/\kappa, 1)\alpha \times \max(\text{Scr}/\kappa, 1) - 1.209 \times 0.993\text{Age} [\times 1.018 \text{ if female}] [\times 1.159 \text{ if black}]$ , where Scr is serum creatinine,  $\kappa$  is 0.7 for females and 0.9 for males,  $\alpha$  is -0.329 for females and -0.411 for males, min is the minimum of  $\text{Scr}/\kappa$  or 1, and max is the maximum of  $\text{Scr}/\kappa$  or 1.

#### Cystatin C based

CKD-EPI cystatin C equation:  $eGFR = 133 \times \min(\text{Scys}/0.8, 1) - 0.499 \times \max(\text{Scys}/0.8, 1) - 1.328 \times 0.996\text{Age} [\times 0.932 \text{ if female}]$ , where Scys is serum cystatin C, min indicates the minimum of  $\text{Scys}/\kappa$  or 1, and max indicates the maximum of  $\text{Scys}/\kappa$  or 1.

#### Combined

CKD-EPI creatinine-cystatin C equation:  $eGFR = 135 \times \min(\text{Scr}/\kappa, 1)\alpha \times \max(\text{Scr}/\kappa, 1) - 0.601 \times \min(\text{Scys}/0.8, 1) - 0.375 \times \max(\text{Scys}/0.8, 1) - 0.711 \times 0.995\text{Age} [\times 0.969 \text{ if female}] [\times 1.08 \text{ if black}]$ , where Scr is serum creatinine, Scys is serum cystatin C,  $\kappa$  is 0.7 for females and 0.9 for males,  $\alpha$  is -0.248 for females and -0.207 for males, min indicates the minimum of  $\text{Scr}/\kappa$  or 1, and max indicates the maximum of  $\text{Scr}/\kappa$  or 1.