

Supplementary Table 2. Baseline characteristics of patients before and after propensity matching

Characteristic	Before propensity score matching			After propensity score matching		
	SGLT-2i (n=71,530)	TZD (n=97,029)	ASD	SGLT-2i (n=56,794)	TZD (n=56,794)	ASD
Men	40,283 (56.3)	58,759 (60.6)	0.0862	32,690 (57.6)	33,112 (58.3)	0.0151
Age, yr	55.8±10.6	59.5±10.7	0.2811 ^a	56.68±10.54	57.79±10.52	0.0296
≥65	14,815 (20.7)	32,069 (33.1)		13,502 (23.8)	14,240 (25.1)	
<65	56,715 (79.3)	64,960 (66.9)		43,292 (76.2)	42,554 (74.9)	
Prior CVD	13,926 (19.5)	19,044 (19.6)	0.0040	10,987 (19.3)	10,961 (19.3)	0.0012
Stroke	6,463 (9.0)	11,046 (11.4)	0.0776	5,462 (9.6)	5,619 (9.9)	0.0091
MI	3,109 (4.3)	3,102 (3.2)	0.0604	2,199 (3.9)	2,150 (3.8)	0.0045
PAD	1,577 (2.2)	2,274 (2.3)	0.0093	1,292 (2.3)	1,305 (2.3)	0.0015
Unstable angina	6,082 (8.5)	6,568 (6.8)	0.0653	4,524 (8)	4,409 (7.8)	0.0076
Comorbidities						
Hypertension	50,524 (70.6)	67,417 (69.5)	0.0252	39,588 (69.7)	39,423 (69.4)	0.0063
Dyslipidemia	47,801 (66.8)	59,562 (61.4)	0.1136 ^a	37,333 (65.7)	37,098 (65.3)	0.0086
HF	5,106 (7.1)	5,321 (5.5)	0.0681	3,626 (6.4)	3,469 (6.1)	0.0114
Medication use						
ARB	42,993 (60.1)	56,863 (58.6)	0.0306	33,584 (59.1)	33,343 (58.7)	0.0086
ACEi	8,448 (11.8)	12,320 (12.7)	0.0270	6,712 (11.8)	6,719 (11.8)	0.0004
BB	25,375 (35.5)	31,602 (32.6)	0.0613	19,414 (34.2)	19,186 (33.8)	0.0085
Statin	46,219 (64.6)	57,699 (59.5)	0.1063 ^a	36,138 (63.6)	35,952 (63.3)	0.0068
Anti-platelet	35,641 (49.8)	52,473 (54.1)	0.0852	28,897 (50.9)	29,120 (51.3)	0.0079
Anti-coagulant	1,736 (2.4)	1,927 (2.0)	0.0300	1,285 (2.3)	1,258 (2.2)	0.0032
Current smoker	16,415 (22.9)	22,945 (23.6)	0.0165	13,165 (23.2)	13,210 (23.3)	0.0019
Heavy drinker	3,022 (4.2)	4,491 (4.6)	0.0196	2,458 (4.3)	2,491 (4.4)	0.0028
Physically active	15,516 (21.7)	21,450 (22.1)	0.0100	12,461 (21.9)	12,415 (21.9)	0.0020
Height, cm	163.9±9.2	163±9.3	0.0919	163.59±9.12	163.52±9.41	0.0081
Weight, kg	72.6±14.1	68±12.8	0.3411 ^a	70.95±13.16	70.38±13.49	0.0424
BMI, kg/m ²	26.9±4.0	25.5±3.6	0.3082 ^a	26.41±3.78	26.2±3.76	0.0614
≥25	47,907 (67.0)	50,475 (52.0)		35,791 (63.0)	34,100 (60.0)	
<25	23,623 (33.0)	46,554 (48.0)		21,003 (37.0)	22,694 (40.0)	
WC, cm	89.1±9.9	86.7±9.7	0.2249 ^a	88.18±9.42	88±9.52	0.0260
Men, ≥90; women, ≥80	45,302 (63.3)	50,743 (52.3)		33,907 (59.7)	33,181 (58.4)	
Men, <90; women, <80	26,228 (36.7)	46,286 (47.7)		22,887 (40.3)	23,613 (41.6)	
SBP, mm Hg	126.9±14.5	127.2±14.7	0.0165	126.94±14.57	126.97±14.34	0.0019
DBP, mm Hg	78±9.7	77.2±9.6	0.0866	77.72±9.66	77.64±9.54	0.0088
FBS, mg/dL	149.7±50.8	153.8±54.7	0.0770	151.13±52.1	151.72±50.23	0.0112
Log triglycerides	4.94±0.52	4.87±0.53	0.1265 ^a	4.92±0.52	4.91±0.52	0.0153
Log HDL-cholesterol	3.89±0.24	3.89±0.25	0.0160	3.89±0.24	3.89±0.24	0.0024
Log LDL-cholesterol	4.47±0.45	4.47±0.44	0.0024	4.47±0.45	4.47±0.45	0.0021

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Supplementary Table 2. Continued

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	SGLT-2i (n=71,530)	TZD (n=97,029)	ASD	SGLT-2i (n=56,794)	TZD (n=56,794)	ASD
Log AST	3.31±0.47	3.25±0.45	0.1195 ^a	3.29±0.46	3.29±0.45	0.0092
Log ALT	3.38±0.58	3.25±0.57	0.2166 ^a	3.34±0.58	3.33±0.57	0.0209
Log GGT	3.61±0.72	3.5±0.74	0.1531 ^a	3.58±0.72	3.57±0.73	0.0127
Hemoglobin, g/dL	14.6±1.6	14±1.7	0.3629 ^a	14.44±1.62	14.39±1.56	0.0346
eGFR, mL/min/1.73 m ²	90.8±27.1	85.9±27.6	0.1775 ^a	89.59±25.17	89.13±29.19	0.0171
≥60	67,032 (93.7)	85,711 (88.3)		52,838 (93.0)	52,128 (91.8)	
<60	4,498 (6.3)	11,318 (11.7)		3,956 (7.0)	4,666 (8.2)	
Proteinuria	8,721 (12.2)	12,753 (13.1)	0.0286	6,964 (12.3)	6,961 (12.3)	0.0002

Values are presented as number (%) or mean ± standard deviation.

SGLT-2i, sodium-glucose cotransporter-2 inhibitor; TZD, thiazolidinedione; ASD, absolute standardized difference; CVD, cardiovascular disease; MI, myocardial infarction; PAD, peripheral artery disease; HF, heart failure; ARB, angiotensin II receptor blocker; ACEi, angiotensin-converting enzyme inhibitor; BB, beta blocker; BMI, body mass index; WC, waist circumference; SBP, systolic blood pressure; DBP, diastolic blood pressure; FBG, fasting blood glucose; HDL, high density lipoprotein; LDL, low density lipoprotein; AST, aspartate aminotransferase; ALT, alanine aminotransferase; GGT, gamma-glutamyl transferase; eGFR, estimated glomerular filtration rate

^aValues denote significant difference at the absolute standardized difference >0.1 level.