

Supplementary Table 4. Factors associated with SGLT2i initiation among patients with type 2 diabetes mellitus and ASCVD

Variable	SGLT2i treatment		Unadjusted OR (95% CI)	Adjusted OR (95% CI)
	Non-user	User		
Age (/10 years)			0.58 (0.58–0.59) ^a	0.57 (0.56–0.57) ^a
Sex				
Male	244,192 (84.4)	45,155 (15.6)	1 (reference)	1 (reference)
Female	203,121 (88.6)	26,104 (11.4)	0.69 (0.68–0.70) ^a	0.99 (0.98–1.01)
Residents				
Urban	182,017 (85.8)	30,135 (14.2)	1 (reference)	1 (reference)
Rural	265,296 (86.6)	41,124 (13.4)	0.94 (0.92–0.95) ^a	0.95 (0.93–0.97) ^a
Household income				
High (75%)	314,923 (86.1)	50,900 (13.9)	1 (reference)	1 (reference)
Low (25%)	132,390 (86.7)	20,359 (13.3)	0.95 (0.93–0.97) ^a	0.93 (0.92–0.95) ^a
Antidiabetic drugs				
Metformin				
No	145,496 (92.0)	12,614 (8.0)	1 (reference)	1 (reference)
Yes	301,817 (83.7)	58,645 (16.3)	2.24 (2.2–2.29) ^a	1.83 (1.79–1.87) ^a
Sulfonylurea				
No	287,170 (88.0)	39,267 (12.0)	1 (reference)	1 (reference)
Yes	160,143 (83.4)	31,992 (16.7)	1.46 (1.44–1.49) ^a	1.51 (1.49–1.54) ^a
Insulin				
No	326,165 (85.0)	57,753 (15.0)	1 (reference)	1 (reference)
Yes	121,148 (90.0)	13,506 (10.0)	0.63 (0.62–0.64) ^a	0.83 (0.81–0.85) ^a
DPP-4i				
No	244,986 (86.5)	38,234 (13.5)	1 (reference)	1 (reference)
Yes	202,327 (86.0)	33,025 (14.0)	1.05 (1.03–1.06) ^a	0.82 (0.81–0.84) ^a
Comorbidities				
Hypertension				
No	79,987 (85.5)	13,548 (14.5)	1 (reference)	1 (reference)
Yes	367,326 (86.4)	57,711 (13.6)	0.93 (0.91–0.95) ^a	0.92 (0.89–0.95) ^a
Dyslipidemia				
No	116,815 (93.2)	8,595 (6.9)	1 (reference)	1 (reference)
Yes	330,498 (84.1)	62,664 (15.9)	2.58 (2.52–2.64) ^a	1.52 (1.44–1.61) ^a
CV medications				
ACEi/ARB				
No	150,449 (87.8)	20,850 (12.2)	1 (reference)	1 (reference)
Yes	296,864 (85.5)	50,409 (14.5)	1.23 (1.20–1.25) ^a	1.28 (1.24–1.31) ^a
Statins				
No	116,498 (92.8)	9,064 (7.2)	1 (reference)	1 (reference)
Yes	330,815 (84.2)	62,195 (15.8)	2.42 (2.36–2.47) ^a	1.37 (1.29–1.45) ^a
ASA				
No	157,871 (89.3)	18,994 (10.7)	1 (reference)	1 (reference)
Yes	289,442 (84.7)	52,265 (15.3)	1.50 (1.47–1.53) ^a	1.38 (1.36–1.41) ^a
ASCVD				
Stroke	101,595 (90.8)	10,243 (9.2)	1 (reference)	1 (reference)
IHD	313,014 (84.6)	57,079 (15.4)	1.81 (1.77–1.85) ^a	1.69 (1.66–1.74) ^a

Values are presented as number (%).

SGLT2i, sodium-glucose cotransporter 2 inhibitor; ASCVD, atherosclerotic cardiovascular disease; OR, odds ratio; CI, confidence interval; DPP-4i, dipeptidyl peptidase-4 inhibitor; CV, cardiovascular; ACEi, angiotensin-converting enzyme inhibitor; ARB, angiotensin receptor blocker; ASA, aspirin; IHD, ischemic heart disease.

^a $P < 0.0001$.