

Supplementary Table 1. The risk of congestive heart failure according to antidiabetic medication

Variable	Total			≥2 Prescriptions of antidiabetic medication		
	Control	CHF	Adjusted OR (95% CI) ^a	Control	CHF	Adjusted OR (95% CI) ^a
Insulin						
None	93,396 (96.1)	85,160 (87.6)	1 (ref)	8,521 (77.7)	10,247 (57.1)	1 (ref)
Ex-user	1,618 (1.7)	3,386 (3.5)	1.93 (1.72–2.18)	1,094 (9.98)	2,206 (12.3)	1.76 (1.23–2.53)
Current user	2,164 (2.2)	8,632 (8.9)	3.60 (3.33–3.89)	1,351 (12.3)	5,480 (30.6)	2.97 (2.38–3.72)
Sulfonylurea						
None	86,325 (88.8)	78,834 (81.1)	1 (ref)	2,146 (19.57)	2,874 (16.03)	1 (ref)
Ex-user	1,861 (1.9)	3,107 (3.2)	1.15 (1.08–1.23)	881 (8.03)	1,369 (7.63)	1.29 (0.98–1.69)
Current user	8,992 (9.3)	15,237 (15.7)	1.08 (1.02–1.14)	7,939 (72.4)	13,690 (76.34)	1.13 (0.94–1.37)
Metformin						
None	82,375 (84.8)	74,064 (76.2)	1 (ref)	373 (3.4)	843 (4.7)	1 (ref)
Ex-user	1,443 (1.5)	2,700 (2.8)	1.39 (1.29–1.49)	224 (2.0)	575 (3.2)	1.46 (0.85–2.50)
Current user	13,360 (13.8)	20,414 (21.0)	0.92 (0.87–0.97)	10,369 (94.6)	16,515 (92.1)	0.81 (0.58–1.15)
DPP-4 inhibitors						
None	90,016 (92.6)	84,424 (86.9)	1 (ref)	4,321 (39.4)	6,277 (35.0)	1 (ref)
Ex-user	724 (0.8)	1,400 (1.4)	1.19 (1.07–1.31)	380 (3.5)	677 (3.8)	1.22 (0.87–1.71)
Current user	6,438 (6.6)	11,354 (11.7)	1.10 (1.04–1.15)	6,265 (57.1)	10,979 (61.2)	1.11 (0.96–1.29)

Values are presented as number (%).

CHF, congestive heart failure; OR, odds ratio; CI, confidence interval; DPP-4, dipeptidyl peptidase 4.

^aAdjusted for age, sex, body mass index, smoking, alcohol consumption, physical activity, income status, use of insulin, and the number of antidiabetic medications.