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Supporting information table 1: characteristics of patients without type-2-diabetes at the index date

	Control cohort	Any psychiatric				
		disorders	MDD ¹	Other MD ²	SZ ³	BD ⁴
	N = 200,644	N = 35,500	N = 28,006	N = 2,557	N = 2,530	N = 2,407
Mean age (SD) ⁵	43.9 (19.5)	46.1 (19.4)	45.8 (19.5)	53.3 (19.3)	43.9 (18.2)	44.5 (17.3)
Male gender, n (%)	95,170 (47.5)	12,693 (35.9)	9709 (34.8)	747 (29.3)	1,301 (51.8)	936 (39.0)
Patients with CVD ⁶ history, n (%)	3,120 (1.55)	2,757 (7.77)	2,289 (8.17)	240 (9.39)	146 (5.77)	82 (3.41)
Data sources, n (%)						
EMR ⁷	200,524 (99.9)	17,752 (50.0)	15,384 (54.9)	2,181 (85.3)	84 (3.32)	103 (4.28)
NPR-IN ⁸	79 (0.04)	8,546 (24.1)	4,969 (17.7)	127 (4.97)	1,836 (72.6)	1,614 (67.1)
NPR-OUT ⁹	41 (0.02)	9,202 (25.9)	7,653 (27.3)	249 (9.7)	610 (24.1)	690 (28.7)
Psychotropic medications n (%)						
Antipsychotics	2,166 (1.35)	7,596 (22.8)	3,861 (14.5)	434 (19.0)	1,925 (84.6)	1,376 (63.3)
Anxiolytics	14,261 (8.89)	7,664 (23.0)	6,315 (23.7)	898 (39.3)	178 (7.82)	273 (12.6)
Hypnotics/sedatives	19,299 (12.0)	8,939 (26.8)	7,394 (27.8)	1,013 (44.4)	192 (8.44)	340 (15.7)
Antidepressants	11,311 (7.05)	15,778 (47.3)	13,874 (52.1)	1,437 (62.9)	144 (6.33)	323 (14.9)

¹ MDD: Major Depressive Disorder; ² Other MD: Other Mood Disorders; ³ SZ: Schizophrenia; ⁴ BD: Bipolar Disorders. ⁵ SD: standard deviation; ⁶ CVD: cardiovascular disease; ⁷ EMR: Electronic Medical Records ; ⁸ NPR- IN: National Patient Register hospitalized patients; ⁹ NPR-OUT: National Patient Register outpatients

Supporting information table 2: crude incidence rates of type-2-diabetes up to and after 2010

	MDD ¹	Other MD ²	SZ ³	BD ⁴
Crude incidence rate and 95% CI of type-2-diabetes⁵				
- 2 years before 2010	5.78 (5.00 ; 6.56)	6.29 (4.04 ; 8.54)	5.57 (3.34 ; 7.79)	4.01 (2.05 ; 5.98)
Mean delay of follow-up (SD ⁶)	1.75 (0.53)	1.94 (0.30)	1.88 (0.38)	1.88 (0.38)
- 2 years after 2010	4.85 (4.23 ; 5.47)	4.00 (2.15 ; 5.85)	10.96 (7.60 ; 14.31)	8.30 (5.28 ; 11.32)
Mean delay of follow-up (SD ⁶)	1.83 (0.44)	1.97 (0.21)	1.89 (0.35)	1.88 (0.37)

¹ MDD: Major Depressive Disorder; ² Other MD: Other Mood Disorders; ³ SZ: Schizophrenia; ⁴ BD: Bipolar Disorders; ⁵ per 1,000 patient-year (95% Confidence interval);
⁶ SD: Standard deviation