

Supplementary Material

Disparities by Socioeconomic Status and Diagnosis of Dementia in the Prescribing of Antipsychotics in a Real-World Data Population Over 60 Years of Age

Supplementary Table 1. ICD and ATC codes used for identifying each category of mental disorder.

	ICD-9	ICD-10	Comorbidity classification
Attention deficit hyperactivity disorder	314.xx	F90.xx	Other
Conduct disorders	312.0x-312.2x, 312.4x-312.9x, 313.xx	F91.xx-F99.xx	Psychosis
Anxiety	300.xx, 308.xx-309.xx	F40.xx-F49.xx	Other
Depression	296.xx-299.xx, 300.4, 311 Bipolar (296.8x)	F30.xx-F39.xx	Depression
Substance abuse	303.xx-305.xx	F10.xx-F19.xx	Other
Psychosis and personality disorders	291.xx-292.xx, 295.xx 301.xx-302.xx, 312.3x	F20.xx-F29.xx F60.xx-F69.xx	Psychosis
Eating disorders	307.1x, 307.5x	F50.xx	Other
Self-harm	V62.84, E95x.xx	R45.851, T14.91, X71.xx-X83.xx	Other
No mental disorder			No mental disorder

ICD, International Classification of Diseases; ATC, Anatomical Therapeutic Chemical

Supplementary Table 2. Logistic regression of use of second-generation antipsychotics in the general population and populations with and without dementia.

Second-generation Variable	Total population				Dementia population				No dementia population			
	OR	Lower CI	Upper CI	p	OR	Lower CI	Upper CI	p	OR	Lower CI	Upper CI	p
Age 60-69												
Age 70-79	0.85	0.80	0.91	<0.001	1.57	1.22	2.04	<0.001	0.78	0.73	0.84	<0.001
Age ≥80	1.40	1.32	1.49	<0.001	2.25	1.76	2.89	<0.001	1.27	1.19	1.36	<0.001
CCI >1	0.87	0.81	0.93	<0.001	0.81	0.73	0.90	<0.001	0.97	0.89	1.06	0.50
Gender female	1.01	0.96	1.07	0.58	1.00	0.90	1.12	1.00	1.03	0.97	1.09	0.31
Low SES	1.60	1.52	1.69	<0.001	1.01	0.91	1.12	0.85	1.78	1.67	1.89	<0.001
Nursing home	11.31	10.43	12.26	<0.001	5.21	4.61	5.90	<0.001	16.15	14.61	17.86	<0.001
Dementia	10.78	10.09	11.51	<0.001								
Depression	3.85	3.63	4.08	<0.001	1.48	1.29	1.69	<0.001	4.60	4.32	4.90	<0.001
Psychosis	5.16	4.81	5.53	<0.001	2.38	2.01	2.81	<0.001	5.54	5.14	5.96	<0.001
Other	0.92	0.86	0.99	0.02	0.96	0.81	1.14	0.63	0.87	0.81	0.94	<0.001
No mental disorder	0.45	0.41	0.49	<0.001	0.74	0.61	0.90	<0.01	0.33	0.30	0.36	<0.001

CI, confidence interval; CCI, Charlson comorbidity index; SES, socioeconomic status.