

## Supplementary material

Table SM1. Codes used to identify the target population and variables.

	ICD-9-CM	ICD-10
Dementia codes	290xx, 2941x; 3310; 3311x; 33182	F01.5x; F02.8x; F03.9x; G30.0x; G30.1x; G30.8x; G30.9x; G31.0x; G31.1x; G31.2x; G31.83
Dementia with NPS codes	294.11, 290.11, 290.12, 290.13, 290.2x, 290.3, 290.41, 290.42, 290.43, 290.9	F02.81, F03.91, F05
	ATC classification	
Specific prescription for Alzheimer's disease	Group N06D	
Antipsychotic medication	Group N05A	
Antidepressant medication	Group N06A	

ICD: International Classification of Diseases. ATC: Anatomical, Therapeutic, Chemical classification system.