

Supplementary Table 1 Equivalent oral dosage of sedatives

Equivalent oral dosage	
Benzodiazepines	
Alprazolam	0.5
Bromazepam	6
Brotizolam	0.5
Chlordiazepoxide	25
Clobazam	20
Clonazepam	0.5
Clorazepate	15
Diazepam	10
Estazolam	1
Fludiazepam	0.5
Flunitrazepam	1
Flurazepam	15
Halazepam	20
Lorazepam	1
Lormetazepam	2
Medazepam	10
Midazolam	5
Nitrazepam	10
Nordazepam	10
Oxazepam	20
Oxazolam	20
Quazepam	20
Temazepam	20
Triazolam	0.5
Non-benzodiazepines	
Zaleplon	20
Zolpidem	20
Zopiclone	15
Eszopiclone	3

Supplementary Table 2 Summary of descriptive data for parameters used in the K-means cluster analysis (*n* = 105)

	Clusters			
	Simple pharmacy		Complex pharmacy	
	Short-term	Long-term	Long-term	Long-term
	antidepressants use (<i>n</i> = 19)	antidepressants use (<i>n</i> = 33)	antidepressants and sedatives use (<i>n</i> = 34)	antidepressants, augmentation use (<i>n</i> = 19)
Coefficient of variance of prescribed dose (Minimum, Maximum)				
Antidepressant load	(0.12, 4.90)	(0.00, 1.19)	(0.00, 1.03)	(0.00, 1.21)
Sedative load	(0.00, 4.90)	(0.00, 4.90)	(0.00, 0.85)	(0.00, 0.73)
Augmentation load	(0.00, 3.02)	(0.00, 2.87)	(0.00, 4.90)	(0.00, 1.39)
The frequency of high-dose prescription [Mean (SD)]				
Antidepressant load	4.05 (4.05)	9.79 (8.06)	14.82 (8.75)	16.21 (8.46)
Sedative load	1.16 (2.54)	2.24 (3.61)	21.00 (4.18)	21.16 (5.28)
Augmentation load	0.16 (0.69)	1.12 (2.27)	1.50 (2.40)	18.21 (5.21)
The frequency of the presence of prescription[Mean (SD)]				
Antidepressant load	10.11 (5.97)	22.24 (3.24)	22.82 (2.70)	23.47 (1.87)
Sedative load	6.21 (5.88)	15.67 (9.14)	23.88 (0.54)	23.95 (0.23)
Augmentation load	0.16 (0.69)	1.12 (2.27)	1.50 (2.40)	18.21 (5.21)
Correlation coefficient between time and prescribed dose (Minimum, Maximum)				
Antidepressant load	(-0.88, 0.79)	(-0.92, 0.89)	(-0.95, 0.91)	(-0.81, 0.92)

Sedative load	$(-0.90, 0.01)$	$(-0.91, 0.88)$	$(-0.89, 0.92)$	$(-0.90, 0.80)$
Augmentation load	$(-0.53, 0.00)$	$(-0.73, 0.72)$	$(-0.70, 0.65)$	$(-0.89, 0.89)$