

Additional file 4 Risk factors for sedative-hypnotic prescription renewal at discharge among hospitalized patients aged 65 and older who initiated a SH during their stay: bivariate analysis

Variables	Patients discharged home			Patients discharged to rehabilitation facilities		
	SH renewal			SH renewal		
	No (n = 73)	Yes (n = 46)	P value	No (n = 29)	Yes (n = 37)	P value
Age (years), median [IQR]	83.8 [12.5]	85.9 [10.3]	0.28 ^a	87.0 [7.9]	86.9 [11.7]	0.48 ^a
Gender , n (%)						
Male	28 (38.4%)	18 (39.1%)	0.93 ^b	9 (31.0%)	13 (35.1%)	0.73 ^b
Female	45 (61.6%)	28 (60.9%)		20 (69.0%)	24 (64.9%)	
Length of stay (days), median [IQR]	10.0 [7.0]	12.0 [8.0]	0.10 ^{a†}	15.0 [9.0]	12.0 [11]	0.48 ^a
Reason for admission , n (%)						
Fall	10 (13.7%)	8 (17.4%)	0.91 ^c	9 (31.0%)	11 (29.7%)	0.57 ^c
Altered general state	10 (13.7%)	7 (15.2%)		4 (13.8%)	4 (10.8%)	
Neurological disorder	6 (8.2%)	3 (6.5%)		7 (24.1%)	5 (13.5%)	
Other	47 (64.4%)	28 (60.9%)		9 (31.0%)	17 (45.9%)	
Medical specialty , n (%)						
Geriatric unit	33 (45.2%)	21 (45.7%)	0.96 ^b	20 (69.0%)	25 (67.6%)	0.90 ^b
Internal medicine unit	40 (54.8%)	25 (54.3%)		9 (31.0%)	12 (32.4%)	
Time between admission and treatment initiation (days), median [IQR]	1.0 [4.0]	1.0 [3.0]	0.65 ^a	5.0 [9.0]	1.0 [4.0]	0.05 ^{a†}
Pharmaceutical analysis of prescriptions , n (%)						
Yes	56 (76.7%)	34 (73.9%)	0.73 ^b	19 (65.5%)	23 (62.2%)	0.78 ^b
No	17 (23.3%)	12 (26.1%)		10 (34.5%)	14 (37.8%)	

^aWilcoxon-Mann Whitney test; ^bChi-squared test; ^cFisher exact test. IQR: interquartile range; SH: Sedative-Hypnotics; [†]Variables selected for the multivariate analysis.