



**Supplementary figure 1: Percentage of prescriptions filled for patients discharged from the hospital on different days of the week and times of the day**

**Supplementary table 1: Effect of discharge times and medicines on medication non-adherence**

Variable	Levels	N	%	RR	Lower95%	Upper95%	P-value
Discharge dates	Autumn	511	51.5	1.00			
	Winter	481	48.5	0.94	0.84	1.04	0.2334
Discharge day	Sun	120	12.1	1.00			
	Mon	238	24.0	1.00	0.82	1.22	0.9726
	Tues	173	17.4	1.12	0.92	1.38	0.2652
	Wed	127	12.8	0.97	0.77	1.21	0.7691
	Thurs	98	9.9	1.00	0.79	1.26	0.9849
	Fri	120	12.1	0.89	0.70	1.13	0.3218
	Sat	116	11.7	1.15	0.92	1.44	0.2163
Discharge time	0000-0400	178	17.9	1.00			
	0400-0800	111	11.2	1.05	0.86	1.29	0.6309
	0800-1200	158	15.9	1.16	0.97	1.38	0.1071
	1200-1600	138	13.9	1.03	0.85	1.25	0.7381
	1600-2000	212	21.4	0.90	0.75	1.07	0.2427
	2000-2400	192	19.4	1.03	0.86	1.23	0.7502
	Unknown	3	0.3	0.57	0.08	4.04	0.5715