

Table S1

Associations between PAP adherence and rates of health care utilization for the subgroup with electronic downloads for identification of PAP adherence (Download only) and the full cohort with adherence identified from downloads or clinicians note of adherence (Download + Clinical).

	Partially Adjusted Model		Fully Adjusted Model	
	Adherence with PAP therapy		Adherence with PAP therapy	
	Download only	Download + Clinical	Download only	Download + Clinical
Hospitalizations IRR (95%CI)	0.45 (0.21, 0.96)	0.55 (0.33, 0.93)	0.59 (0.27, 1.27)	0.61 (0.35, 1.06)
Emergency visits IRR (95%CI)	1.11 (0.69, 1.78)	1.22 (0.84, 1.75)	1.20 (0.72, 1.98)	1.46 (0.99, 2.15)
Outpatient visits IRR (95%CI)	0.99 (0.71, 1.36)	0.85 (0.68, 1.07)	1.07 (0.75, 1.53)	0.87 (0.67, 1.12)

Abbreviations: PAP, positive airway pressure; IRR, incidence rate ratio; 95%CI, 95% confidence interval.