

**Supplementary Table 2.** Comparison of polysomnographic data between groups according to compliance and insurance coverage status

Variables	Compliant (N=80)		Non-compliant (N=108)		Statistics <sup>†</sup>
	Insured (N=50)	Non-insured (N=30)	Insured (N=46)	Non-insured (N=62)	
Apnea hypopnea Index	44.1±24.7	46.9±21.9	42.9±26.0	220.1±23.0	F=0.973, p=0.407
O <sub>2</sub> saturation nadir	75.8±14.0	73.3±11.2	79.1±8.8	75.1±11.5	F=1.744, p=0.160
CPAP pressure, cmH <sub>2</sub> O	9.1±1.8	8.8±1.8	8.4±1.9	8.9±1.1	F=1.44, p=0.233
Total sleep time (min.)	335.5±50.7	345.7±40.4	331.0±49.7	344.6±63.4	F=0.800, p=0.495
Sleep efficiency (%)	82.3±12.6	83.6±10.6	80.5±12.3	85.0±11.4	F=1.372, p=0.253
Wake after sleep onset (%)	16.0±12.2	14.4±10.4	15.8±11.0	13.5±11.0	F=0.610, p=0.609
Sleep onset latency	8.7±9.4	9.1±10.6	14.7±28.0	8.3±9.9	F=1.615, p=0.187
REM sleep latency	125.4±79.6	160.5±101.9	153.4±96.7	141.6±77.9	F=1.308, p=0.273
PLMS (N/h)	3.0±8.1	3.6±9.3	4.6±13.9	2.5±7.8	F=0.453, p=0.716
Total Arousal Index (N/h)	40.1±20.7	43.6±21.0	34.9±20.9	41.3±22.5	F=1.236, p=0.298
Loudness of snoring sound <sup>‡</sup>	1.8±0.4	1.7±0.5	1.8±0.6	1.9±0.4	F=1.613, p=0.188
Sleep architecture					
Stage N1 (%)	28.0±14.3	36.5±18.3	25.2±16.1	27.6±13.2	F=3.678, p=0.013*
Stage N2 (%)	47.0±15.4	46.9±17.3	48.6±13.4	42.7±15.5	F=1.500, p=0.216
Stage N3 (%)	3.5±8.3	2.0±4.1	3.4±4.4	1.1±2.4	F=2.695, p=0.047*
Stage R (%)	12.8±6.7	13.5±5.1	12.7±7.5	13.5±5.7	F=0.210, p=0.890

Data are mean±standard deviation values. \*p<0.05; †one-way ANOVA; ‡loudness of the snoring sound during polysomnography: 0, no snoring; 1, soft snoring; 2, loud snoring. ANOVA, analysis of variance; CPAP, continuous positive airway pressure; N/h, number per hour; PLMS, periodic limb movements during sleep; REM, rapid eye movement