



## Supplementary Materials

# Association of Obstructive Sleep Apnea Risk with Occupational Accidents in Rotating Night Shift Textile Workers

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**Table S1.** Univariable logistic regression analyses examining the associations between demographic, occupational, clinical, and sleep-related variables and occupational accident risk.

Variable	Exp (B)	Lower	Upper	p-Value
Age (yrs)	1.03	1.00	1.06	<b>0.042</b>
Sex	4.35	0.96	19.65	0.056
BMI (kg/m <sup>2</sup> )	1.11	1.04	1.19	<b>0.002</b>
Neck circumference (cm)	1.10	1.02	1.19	<b>0.016</b>
Waist circumference (cm)	1.04	1.01	1.06	<b>0.003</b>
Marital status	1.30	0.71	2.36	0.392
Smoking (pack-years)	1.00	0.98	1.04	0.770
Psychotropic drug use	3.63	0.65	20.27	0.142
Caffeine unit (mg)	1.00	1.00	1.00	0.302
Total duration of work (yrs)	1.02	0.99	1.05	0.202
Comorbidities	1.67	0.78	3.56	0.185
Obstructive sleep apnea risk	2.55	1.44	4.53	<b>0.001</b>
ESS	1.07	0.98	1.17	0.114
ISI	1.05	1.00	1.10	0.058
PSQI	1.07	0.97	1.18	0.173
Subjective sleep time (min)	1.00	0.99	1.004	0.836
Subjective sleep latency n (%)	1.08	0.92	1.27	0.332

Abbreviations: Exp(B), exponentiated regression coefficient; ESS, Epworth Sleepiness Scale; ISI, Insomnia Severity Index; PSQI, Pittsburgh Sleep Quality Index. Bold p-values indicate statistical significance ( $p < 0.05$ ).



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