

Supplemental tables

Supplemental table 1: Odds ratio (OR)* with 95% confidence interval (CI) of work schedule with nights (in current wave) by prescribed sleep medication use (in current wave) over a 12-years follow-up period among Norwegian nurses (n=2028)

	Random effects model	Fixed effects model
	OR (95% CI)	OR (95% CI)
Sleep medication use		
Yes	0.99 (0.74-1.34)	1.13 (0.69-1.86)
No	1.00 (ref.)	1.00 (ref.)

Models based on longitudinal data. The random effects model links changes in work schedule to changes in sleep medication use both within and between individuals, whereas the fixed effect model only assesses within-individual differences. Total study sample n=1881 (8434 observation) in the random effects model, n=526 (2838 observations) in the fixed effects model.

*Adjusted for wave and work schedule in the preceding wave.