

Supplementary Table 1. Cognitive function assessed using the Joggle test

	Day workers (n=15)	Shift workers (n=15)	p
Motor praxis task			
Response time, s	583.1±89.3	560.7±73.9	0.389
Score	989 (982–992)	988 (983–989)	0.412*
Visual object learning task			
Response time, s	2,406.4±817.2	2,487.2±738.9	0.653
Score	553.1±116.0	555.5±130.5	0.935
n-back test			
Response time, s	615.2±184.0	654.9±67.2	0.838
Score	491 (360–627)	403 (318–627)	0.567*
Abstract matching task			
Response time, s	2,422.8±1,073.5	3,052.5±2,355.1	0.389
Score	476.1±107.0	495.7±114.8	0.624
Line orientation task			
Response time, s	6,020.0±1,794.7	6,768.3±2,535.1	0.202
Score	788.7±106.3	764.9±123.0	0.567
Digital symbol substitution task			
Response time, s	929.5±90.7	947.2±84.1	0.567
Score	965.3±28.7	956.4±42.0	0.713
Balloon analog risk task			
Response time, s	390.9±173.5	322.5±131.4	0.252
Score	870.3±144.9	893.6±146.2	0.747
Psychomotor vigilance test			
1/response time, s	4.2±0.6	3.9±1.2	0.713
Number of lapses	4.7±7.1	3.3±4.8	0.389
False starts, n	1.0±0.9	1.3±1.4	0.653

Data are mean±standard-deviation or median (interquartile range) values.

*Mann-Whitney U test.