

Supplemental\_Table 3 Association between average working hours for 6 months and stress response scores

		Crude model				Model 1 <sup>a</sup>				Model 2 <sup>b</sup>				
		Mear (SE) <sup>c</sup>	P-values	$\eta^2$ <sup>d</sup>	Multiple comparison <sup>e</sup>	Mear (SE)	P-values	$\eta^2$	Multiple comparison	Mear (SE)	P-values	$\eta^2$	Multiple comparison	
Vigor	I. <140 h/mo (<35 h/w)	2454	2.34 (0.02)	0.000	0.005	0.000	2.30 (0.02)	0.000	0.003	0.111	2.30 (0.02)	0.000	0.003	0.560
	II. 140–180 h/mo (35–45 h/w)	9793	2.25 (0.01)			ref <sup>f</sup>	2.25 (0.01)			ref	2.26 (0.01)			ref
	III. 180–205 h/mo(45–51.25 h/w)	2287	2.18 (0.02)			0.004	2.20 (0.02)			0.107	2.20 (0.02)			0.067
	IV. 205–220 h/mo (51.25–55 h/w)	424	2.08 (0.04)			0.000	2.10 (0.04)			0.002	2.08 (0.04)			0.000
	V. ≥220 h/mo (≥55 h/w)	185	1.98 (0.06)			0.000	1.99 (0.06)			0.000	1.97 (0.06)			0.000
Irritability	I. <140 h/mo	2454	2.06 (0.02)	0.014	0.001	1.000	1.96 (0.02)	0.000	0.004	0.000	1.98 (0.02)	0.000	0.005	0.036
	II. 140–180 h/mo	9793	2.04 (0.01)			ref	2.04 (0.01)			ref	2.04 (0.01)			ref
	III. 180–205 h/mo	2287	2.05 (0.02)			1.000	2.12 (0.02)			0.000	2.12 (0.02)			0.000
	IV. 205–220 h/mo	424	2.16 (0.04)			0.027	2.21 (0.04)			0.000	2.25 (0.04)			0.000
	V. ≥220 h/mo	185	2.14 (0.06)			0.775	2.22 (0.06)			0.030	2.26 (0.06)			0.001
Anxiety	I. <140 h/mo	2454	1.88 (0.02)	0.000	0.006	1.000	1.84 (0.02)	0.000	0.009	0.146	1.83 (0.02)	0.000	0.008	0.029
	II. 140–180 h/mo	9793	1.89 (0.01)			ref	1.89 (0.01)			ref	1.89 (0.01)			ref
	III. 180–205 h/mo	2287	1.96 (0.02)			0.000	2.01 (0.02)			0.000	2.01 (0.02)			0.000
	IV. 205–220 h/mo	424	2.17 (0.04)			0.000	2.19 (0.04)			0.000	2.17 (0.04)			0.000
	V. ≥220 h/mo	185	2.15 (0.05)			0.000	2.19 (0.05)			0.000	2.17 (0.05)			0.000
Depressor	I. <140 h/mo	2454	1.72 (0.02)	0.000	0.005	0.001	1.75 (0.02)	0.000	0.002	0.385	1.77 (0.02)	0.000	0.003	1.000
	II. 140–180 h/mo	9793	1.78 (0.01)			ref	1.78 (0.01)			ref	1.78 (0.01)			ref
	III. 180–205 h/mo	2287	1.87 (0.02)			0.000	1.85 (0.02)			0.002	1.85 (0.02)			0.000
	IV. 205–220 h/mo	424	1.95 (0.04)			0.000	1.90 (0.04)			0.018	1.95 (0.04)			0.000
	V. ≥220 h/mo	185	1.93 (0.05)			0.089	1.90 (0.05)			0.352	1.96 (0.05)			0.008
Fatigue	I. <140 h/mo	2454	2.19 (0.02)	0.000	0.007	0.000	2.02 (0.02)	0.000	0.003	1.000	2.04 (0.02)	0.000	0.004	1.000
	II. 140–180 h/mo	9793	2.04 (0.01)			ref	2.05 (0.01)			ref	2.05 (0.01)			ref
	III. 180–205 h/mo	2287	1.96 (0.02)			0.000	2.07 (0.02)			1.000	2.07 (0.02)			1.000
	IV. 205–220 h/mo	424	2.17 (0.04)			0.016	2.26 (0.04)			0.000	2.30 (0.04)			0.000
	V. ≥220 h/mo	185	2.17 (0.06)			0.384	2.29 (0.06)			0.001	2.33 (0.06)			0.000
Physical complaint	I. <140 h/mo	2454	1.80 (0.01)	0.000	0.002	0.001	1.75 (0.01)	0.151	0.000	1.000	1.75 (0.01)	0.074	0.001	1.000
	II. 140–180 h/mo	9793	1.75 (0.01)			ref	1.75 (0.01)			ref	1.75 (0.01)			ref
	III. 180–205 h/mo	2287	1.71 (0.01)			0.037	1.76 (0.01)			1.000	1.76 (0.01)			1.000
	IV. 205–220 h/mo	424	1.79 (0.03)			1.000	1.82 (0.03)			0.134	1.83 (0.03)			0.052
	V. ≥220 h/mo	185	1.73 (0.04)			1.000	1.78 (0.04)			1.000	1.79 (0.04)			1.000

a : Model 1: adjusted for sex, age, job type, employment type (regular employee or others), and work style (shift work or no shift work)

b: Model 2: adjusted for Model 1 and experience or no experience with COVID-19 emergencies in April 2020

c: SE, standard error

d: partial eta squared

e: Bonferroni method

f: ref, reference