

Supplemental_Table 4 Relationship between frequency of long working hours and stress response scores

		Crude model					Model 1 ^a				Model 2 ^b			
		Mear (SE) ^c	p-values	η^2 ^d	Multiple comparison ^e	Mear (SE)	p-values	η^2	Multiple comparison	Mear (SE)	p-values	η^2	Multiple comparison	
Vigor	I. Zero	12394	2.27 (0.01)	0.000	0.005	ref ^f	2.27 (0.01)	0.000	0.003	ref	2.27 (0.01)	0.000	0.004	ref
	II. Once	1049	2.19 (0.03)			0.033	2.21 (0.03)			0.583	2.20 (0.03)			0.116
	III. Twice	617	2.16 (0.03)			0.021	2.18 (0.03)			0.191	2.16 (0.03)			0.026
	IV. Three times	478	2.14 (0.04)			0.008	2.16 (0.04)			0.082	2.13 (0.04)			0.005
	V. Four times	392	2.11 (0.04)			0.003	2.13 (0.04)			0.019	2.09 (0.04)			0.000
	VI. Five/six times	213	1.94 (0.06)			0.000	1.96 (0.06)			0.000	1.93 (0.06)			0.000
Irritability	I. Zero	12394	2.05 (0.01)	0.024	0.001	ref	2.04 (0.01)	0.000	0.002	ref	2.03 (0.01)	0.000	0.004	ref
	II. Once	1049	2.02 (0.02)			1.000	2.08 (0.02)			1.000	2.10 (0.02)			0.063
	III. Twice	617	2.02 (0.03)			1.000	2.07 (0.03)			1.000	2.10 (0.03)			0.290
	IV. Three times	478	2.07 (0.04)			1.000	2.12 (0.04)			0.290	2.17 (0.04)			0.002
	V. Four times	392	2.08 (0.04)			1.000	2.13 (0.04)			0.244	2.20 (0.04)			0.000
	VI. Five/six times	213	2.21 (0.05)			0.034	2.26 (0.05)			0.000	2.31 (0.05)			0.000
Anxiety	I. Zero	12394	1.88 (0.01)	0.000	0.008	ref	1.88 (0.01)	0.000	0.011	ref	1.88 (0.01)	0.000	0.009	ref
	II. Once	1049	1.94 (0.02)			0.230	1.98 (0.02)			0.000	1.98 (0.02)			0.001
	III. Twice	617	2.01 (0.03)			0.001	2.04 (0.03)			0.000	2.04 (0.03)			0.000
	IV. Three times	478	2.09 (0.03)			0.000	2.12 (0.03)			0.000	2.11 (0.03)			0.000
	V. Four times	392	2.17 (0.04)			0.000	2.19 (0.04)			0.000	2.17 (0.04)			0.000
	VI. Five/six times	213	2.17 (0.05)			0.000	2.20 (0.05)			0.000	2.18 (0.05)			0.000
Depression	I. Zero	12394	1.78 (0.01)	0.000	0.002	ref	1.79 (0.01)	0.112	0.001	ref	1.78 (0.01)	0.000	0.002	ref
	II. Once	1049	1.82 (0.02)			1.000	1.79 (0.02)			1.000	1.82 (0.02)			1.000
	III. Twice	617	1.84 (0.03)			0.767	1.81 (0.03)			1.000	1.85 (0.03)			0.377
	IV. Three times	478	1.88 (0.03)			0.089	1.84 (0.03)			1.000	1.89 (0.03)			0.014
	V. Four times	392	1.87 (0.04)			0.303	1.83 (0.04)			1.000	1.91 (0.04)			0.012
	VI. Five/six times	213	1.96 (0.05)			0.009	1.91 (0.05)			0.242	1.97 (0.05)			0.003
Fatigue	I. Zero	12394	2.07 (0.01)	0.000	0.003	ref	2.05 (0.01)	0.000	0.003	ref	2.04 (0.01)	0.000	0.004	ref
	II. Once	1049	1.93 (0.03)			0.000	2.04 (0.03)			1.000	2.06 (0.03)			1.000
	III. Twice	617	1.95 (0.03)			0.009	2.06 (0.03)			1.000	2.09 (0.03)			1.000
	IV. Three times	478	2.05 (0.04)			1.000	2.15 (0.04)			0.107	2.19 (0.04)			0.001
	V. Four times	392	2.09 (0.04)			1.000	2.19 (0.04)			0.015	2.24 (0.04)			0.000
	VI. Five/six times	213	2.25 (0.06)			0.033	2.34 (0.06)			0.000	2.38 (0.06)			0.000
Physical complaint	I. Zero	12394	1.76 (0.01)	0.013	0.001	ref	1.75 (0.01)	0.589	0.000	ref	1.75 (0.01)	0.343	0.000	ref
	II. Once	1049	1.71 (0.02)			0.104	1.76 (0.02)			1.000	1.76 (0.02)			1.000
	III. Twice	617	1.71 (0.02)			0.229	1.75 (0.02)			1.000	1.76 (0.02)			1.000
	IV. Three times	478	1.76 (0.03)			1.000	1.80 (0.03)			1.000	1.81 (0.03)			0.620
	V. Four times	392	1.71 (0.03)			1.000	1.76 (0.03)			1.000	1.77 (0.03)			1.000
	VI. Five/six times	213	1.75 (0.04)			1.000	1.79 (0.04)			1.000	1.80 (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