

Table S1

Results from age by sleep deprivation ANCOVA (diurnal type score as covariate)

	Age			Sleep deprivation			Age x Sleep deprivation			Diurnal type score		
	F	df	p	F	df	p	F	df	p	F	df	p
KSS	1.1	1,213	.295	164.41	1,213	< .001	0.96	1,213	.327	0.98	1,213	.324
Subjective Stress	12.94	1,213	< .001	20.21	1,213	< .001	0.34	1,213	.562	5.53	1,213	.020
Positive and Negative Affect Schedule^a												
Positive Affect	35.98	1,211	< .001	74.14	1,211	< .001	1.36	1,211	.245	3.38	1,211	.068
Negative Affect	4.16	1,211	.043	0.26	1,211	.610	4.3	1,211	.039	0.01	1,211	.919
Profile of Mood States^a												
Depression	10.78	1,211	.001	8.15	1,211	.005	7.7	1,211	.006	0	1,211	.954
Vigour	12.62	1,211	< .001	89.46	1,211	< .001	0.65	1,211	.419	0.17	1,211	.682
Confusion	17.94	1,211	< .001	67.66	1,211	< .001	11.81	1,211	.001	3.33	1,211	.069
Tension	7.18	1,211	.008	6.6	1,211	.011	3.84	1,211	.051	1.94	1,211	.165
Anger	7.47	1,211	.007	4.4	1,211	.037	7.66	1,211	.006	0.17	1,211	.680
Fatigue	50.88	1,211	< .001	172.47	1,211	< .001	20.2	1,211	< .001	0.03	1,211	.855
Total Mood Disturbance	29.94	1,211	< .001	78.42	1,211	< .001	13.65	1,211	< .001	0.81	1,211	.368
CHICa^a												
Cold	9.34	1,211	.003	96.58	1,211	< .001	0.67	1,211	.413	2.32	1,211	.129
Hunger	9.73	1,211	.002	39.71	1,211	< .001	6.22	1,211	.013	0.07	1,211	.791
Irritability	9.2	1,211	.003	11.85	1,211	.001	3.57	1,211	.060	0.89	1,211	.347
Cognitive attenuation	17.32	1,211	< .001	122.58	1,211	< .001	10.22	1,211	.002	0.8	1,211	.373

^a n= 2 missing; KSS = Karolinska Sleepiness Scale