

Supplemental table 1 Crude and adjusted means of morning MT6s concentrations by selected characteristics of rotating night shift work (in premenopausal and postmenopausal women)

Night shift work characteristics	Premenopausal women			Postmenopausal women		
	N	Crude mean MT6s (ng/mg Cr)	Adjusted* mean MT6s (ng/mg Cr)	N	Crude mean MT6s (ng/mg Cr)	Adjusted* mean MT6s (ng/mg Cr)
Current rotating night shift work						
No	192	45.5 (41.2-49.7)	45.8 (42.0-49.7)	178	44.8 (39.9-49.8)	45.1 (40.9-49.1)
Yes	230	46.4 (42.5-50.4)	48.0 (44.3-51.6)	124	42.0 (36.2-47.7)	46.5 (41.4-51.7)
<i>p</i>		0.750	0.428		0.465	0.647
Total duration of night shift work (years)						
≤5	45	44.9 (36.2-53.7)	44.4 (36.6-52.3)	42	48.8 (38.1-59.5)	46.2 (37.5-55.0)
>5 - ≤15	102	45.2 (39.3-51.0)	45.4 (40.1-50.7)	80	44.0 (36.6-51.3)	46.1 (39.8-52.3)
>15 - ≤25	187	45.3 (41.0-49.6)	47.2 (43.2-51.3)	70	43.9 (36.0-51.7)	44.6 (38.1-51.2)
>25	88	49.2 (42.7-55.8)	49.9 (43.9-55.9)	110	41.4 (35.3-47.5)	45.7 (40.3-51.1)
<i>p-trend</i>		0.408	0.210		0.263	0.877
Total number of hours of night shift work						
≤9999	135	44.2 (39.2-49.3)	44.5 (40.0-49.0)	107	44.8 (38.4-51.3)	45.3 (40.0-50.5)
10000 – 199999	171	46.2 (41.6-50.7)	48.1 (43.9-52.3)	70	46.7 (38.8-55.0)	48.5 (41.6-55.3)
>20000	116	48.0 (42.4-53.6)	48.4 (43.3-53.6)	125	40.9 (35.2-46.6)	44.3 (39.4-49.3)
<i>p-trend</i>		0.329	0.245		0.349	0.770
Cumulative number of night shifts						
≤999	122	44.7 (39.4-50.0)	44.9 (40.1-49.7)	88	44.8 (37.7-51.8)	45.1 (39.2-51.0)
1000-1999	175	45.4 (41.0-49.9)	47.0 (42.8-51.0)	78	46.8 (39.2-54.5)	47.6 (41.2-54.0)
>2000	125	48.2 (42.8-53.7)	49.2 (44.3-54.2)	136	41.2 (35.7-46.6)	44.8 (40.0-49.6)
<i>p-trend</i>		0.366	0.224		0.368	0.871

\* adjusted for age, smoking, evening MT6s concentrations