

Supplemental table 2 Crude and adjusted means of morning MT6s concentrations by selected characteristics of current rotating night shift work (in premenopausal and postmenopausal women)

Current rotating 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 night shift work frequency per month (nights)						
2-7	207	48.0 (43.8-52.2)	48.9 (45.0-52.9)	105	42.0 (36.0-48.0)	44.7 (39.6-49.8)
≥8	23	33.9 (23.2-44.6)	33.9 (24.1-43.8)	19	41.6 (27.5-55.7)	41.5 (30.2-52.8)
		<i>p</i> 0.026	<i>p</i> 0.011		0.958	0.619
Activities at work during the night shift**						
1§	16	47.0 (31.9-62.1)	47.1 (33.0-61.1)	11	48.6 (28.5-68.7)	53.1 (36.2-70.1)
1 and 2 or 2	155	48.6 (43.7-53.5)	48.7 (44.1-53.3)	86	40.9 (34.3-47.5)	42.2 (36.8-47.5)
any combination with 3	54	42.6 (34.8-50.4)	45.6 (38.0-53.3)	24	39.7 (27.4-52.1)	44.7 (34.0-55.3)
		<i>p-trend</i> 0.318	<i>p-trend</i> 0.647		0.526	0.605
Napped during the night shift between 23:00 and 3:00						
No	118	45.2 (39.7-50.7)	44.3 (39.2-49.3)	75	42.2 (35.1-49.4)	45.0 (39.0-51.1)
Yes	112	47.9 (40.1-53.6)	50.8 (45.1-56.4)	49	41.6 (32.8-50.4)	42.9 (35.7-50.1)
		<i>p</i> 0.511	<i>p</i> 0.094		0.919	0.661
Duration of nap (if naps during 23:00-3:00)						

(hours)**						
0	113	46.2 (40.6-51.8)	45.2 (40.1-50.2)	72	41.2 (33.9-48.4)	44.1 (38.0-50.3)
≤2	47	40.0 (32.0-48.1)	44.2 (36.2-52.2)	25	41.4 (29.0-53.8)	42.1 (32.0-52.2)
>2	65	53.9 (46.0-61.8)	55.6 (48.0-63.2)	24	41.9 (29.1-54.5)	43.4 (33.0-53.9)
	<i>p-trend</i>	<i>0.187</i>	<i>0.037</i>		<i>0.926</i>	<i>0.850</i>
Duration of work during the night shift (hours)**						
< 10	67	53.6 (45.8-61.4)	55.0 (47.5-62.4)	25	41.0 (28.7-53.2)	41.8 (31.8-51.8)
≥10	158	44.4 (39.7-49.0)	45.0 (40.7-49.3)	96	41.4 (35.2-47.7)	44.0 (38.7-49.3)
	<i>p-trend</i>	<i>0.043</i>	<i>0.022</i>		<i>0.948</i>	<i>0.703</i>
Type of light at work**						
Dim	95	50.0 (43.7-56.4)	50.4 (44.5-56.4)	56	39.7 (31.7-47.7)	41.4 (34.8-48.2)
Full light	103	43.8 (38.0-49.5)	45.0 (39.6-50.5)	54	45.3 (36.6-54.0)	46.2 (39.0-53.3)
Surgical lamp	27	49.2 (37.3-61.1)	49.8 (38.7-60.8)	11	31.7 (15.5-47.8)	41.3 (25.8-56.9)
	<i>p-trend</i>	<i>0.471</i>	<i>0.518</i>		<i>0.930</i>	<i>0.609</i>

§ Categories of the activities 1 = care for patients, injections, administering pills; 2 = small interventions; 3 = assistance in operations or births delivery

* adjusted for evening MT6s concentrations, number of full term births and age of menarche

** missing data for 5premenopausal and 3 postmenopausal