

Supplemental table 3 Mean MT6 concentrations in ng/mg Cr in the nurses and midwives by night shift work load during the seven days preceding the morning urine sample collection (in premenopausal and postmenopausal women).

	Premenopausal women			Postmenopausal women		
Characteristics	N	Morning MT6s mean (ng/mg Cr)	Adjusted* morning MT6s mean (ng/mg Cr)	N	Morning MT6s mean (ng/mg Cr)	Adjusted* morning MT6s mean (ng/mg Cr)
Number of night shifts during preceding seven days						
1	56	49.3 (40.0-56.5)	48.1 (40.4-55.9)	32	47.3 (35.7-58.8)	44.4 (35.2-53.6)
2	137	46.0 (40.9-51.2)	47.6 (42.7-52.5)	72	38.3 (31.4-45.2)	43.9 (37.7-50.1)
≥3	37	45.3 (35.5-55.1)	44.9 (35.8-54.0)	20	47.2 (32.7-61.8)	44.9 (33.3-56.4)
		<i>0.621</i>	<i>0.614</i>		<i>0.785</i>	<i>0.967</i>
<i>p</i>						
Night shift hours during preceding seven days						
≤24	181	46.4 (41.9-50.9)	47.8 (43.5-52.0)	92	41.4 (35.0-47.8)	44.5 (39.1-49.9)
>24	49	46.7 (38.0-55.3)	45.7 (37.8-53.6)	32	43.8 (32.6-54.9)	43.4 (34.5-52.2)
		<i>0.953</i>	<i>0.648</i>		<i>0.714</i>	<i>0.835</i>
<i>p</i>						
Consecutive nights immediately before the morning urine collection						
1	219	46.9 (42.8-51.0)	47.9 (44.0-51.7)	120	42.2 (36.4-47.8)	44.2 (39.5-48.9)
≥2	11	38.3 (21.8-54.9)	37.2 (22.2-52.2)	4	37.3 (08.2-66.5)	43.3 (18.0-68.7)
		<i>0.347</i>	<i>0.207</i>		<i>0.758</i>	<i>0.891</i>
<i>p</i>						

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