Table S3. Hazard ratios (HR) and 95% confidence intervals (CI) of bladder cancer risk according to the total duration of rotating night shift work in the NHS and NHS II and stratified by follow-up time

	Total Duration of Rotating Night Shift Work			*P*-trend [c]
	Never	**1 to 5 years**	**>5 years**	
NHS				
Restricting follow-up to the first half (1988-2002)				
No. of cases (N=247)	86	93	68	
Age-adjusted [a]	1 [Ref]	1.04 (0.77-1.40)	1.51 (1.10-2.08)	0.007
MV-adjusted [b]	1	1.04 (0.77-1.40)	1.39 (1.00-1.92)	0.03
Restricting follow-up to the second half (2002-2016)				
No. of cases (N=335)	126	138	71	
Age-adjusted [a]	1	1.09 (0.86-1.40)	1.27 (0.95-1.70)	0.13
MV-adjusted [b]	1	1.10 (0.86-1.40)	1.23 (0.91-1.65)	0.21
NHS II				
Restricting follow-up to the first half (1989-2001)				
No. of cases (N=33)	17	9	7	
Age-adjusted [a]	1	0.41 (0.18-0.93)	1.06 (0.44-2.56)	0.66
MV-adjusted [b]	1	0.41 (0.18-0.91)	0.97 (0.40-2.37)	0.79
Restricting follow-up to the second half (2001-2015)				
No. of cases (N=85)	34	40	11	
Age-adjusted [a]	1	0.93 (0.59-1.47)	0.87 (0.44-1.71)	0.69
MV-adjusted [b]	1	0.92 (0.58-1.45)	0.81 (0.41-1.62)	0.57
Pooled				
Restricting follow-up to the first half				
No. of cases (N=280)	103	102	75	
Age-adjusted [a]	1	0.93 (0.70-1.22)	1.43 (1.06-1.93)	0.005
MV-adjusted [b]	1	0.92 (0.70-1.21)	1.32 (0.97-1.78)	0.03
Restricting follow-up to the second half				
No. of cases (N=420)	168	178	82	
Age-adjusted [a]	1	1.06 (0.85-1.31)	1.19 (0.91-1.56)	0.21
MV-adjusted [b]	1	1.05 (0.85-1.30)	1.13 (0.86-1.48)	0.40

Abbreviations: MV, multivariate; H.R., hazard ratio; CI, confidence interval.
[a] Stratified by age, cohort (in the pooled analyses only), and follow-up cycle.
[b] Stratified by age, cohort (in the pooled analyses only), and follow-up cycle; adjusted for race, BMI, current smoking status, pack-years of smoking, time since quit smoking, alcohol intake, physical activity, multivitamin use, menopausal status, history of diabetes mellitus, total fluid intake, fruit and vegetable intake, total calorie intake, bacon intake, and geographic region.