

**Supplementary Table 3** Prevalence of irritable bowel syndrome by social class at birth in both cohorts

Social class	Rate; prevalence per 10 000 (95% CI)	Unadjusted			Adjusted*		
		OR (95% CI)	OR† (95% CI)	p Value‡	OR (95% CI)	OR† (95% CI)	p Value‡
Linear trend			0.99 (0.95, 1.03)	0.501		0.98 (0.94, 1.03)	0.418
I	91/1017; 894.8 (719.1, 1070.5)	1.00			1.00		
II	231/2660; 868.4 (761.3, 975.5)	0.97 (0.75, 1.25)			0.94 (0.73, 1.21)		
IIINM	194/2347; 826.6 (715.1, 938.1)	0.92 (0.71, 1.19)			0.90 (0.69, 1.17)		
IIIM	836/8977; 851.9 (796.7, 907.2)	0.95 (0.76, 1.19)			0.92 (0.73, 1.15)		
IV	213/2662; 800.2 (697.0, 903.3)	0.89 (0.69, 1.14)			0.86 (0.66, 1.11)		
V	123/1318; 953.6 (709.1, 998.1)	0.95 (0.72, 1.26)			0.93 (0.70, 1.23)		
Other	29/301; 963.5 (628.2, 1298.7)	1.09 (0.70, 1.68)			1.02 (0.66, 1.60)		
Unsupported	105/1417; 741.0 (604.5, 877.5)	0.81 (0.61, 1.09)			0.77 (0.57, 1.03)		
Not known	3/49; 612.2 (-83.5, 1308.0)	0.66 (0.20, 2.18)			0.62 (0.53, 1.07)		
Total	1825/21707; 834.6 (798.5, 870.7)						

Linear trend for risk of irritable bowel syndrome for cohorts separately (unadjusted):

BCS70: OR 0.96, 95% CI 0.90, 1.02; p=0.173;

NCDS: OR 1.01, 95% CI 0.95, 1.07; p=0.731.

\*Adjusted for cohort and sex.

†Odds ratios (OR) per unit increase in social class I–V.

‡p value for linear trend across categories I–V.