

Supplementary table – sensitivity analyses restricted to England only

Supplemental table 1: Odds ratios (95%CI) for cardiovascular disease mortality and all-cause mortality according to neighbourhood-level deprivation quintiles – restricted to men from England using English IMD quintiles in a cohort of men aged 60-79 years followed up for 12 years

	Number of deaths (%)	Adjusted for age	Further adjusted for individual social class	Further adjusted for smoking, physical activity, alcohol, BMI	Further adjusted for HDL-C, systolic blood pressure and diabetes
Cardiovascular disease mortality					
Quintile 1 (n=823)	91 (11)	1.00	1.00	1.00	1.00
Quintile 2 (n=840)	107 (13)	1.34 (1.01,1.79)	1.31 (0.98,1.74)	1.28 (0.96,1.71)	1.21 (0.90,1.63)
Quintile 3 (n=666)	113 (17)	1.73 (1.30,2.29)	1.66 (1.25,2.22)	1.54 (1.15,2.06)	1.56 (1.16,2.10)
Quintile 4 (n=551)	82 (15)	1.56 (1.16,2.09)	1.5 (1.11,2.03)	1.34 (0.99,1.82)	1.31 (0.95,1.80)
Quintile 5 (n=494)	85 (17)	1.83 (1.36,2.45)	1.75 (1.29,2.39)	1.47 (1.07,2.01)	1.38 (1.00,1.91)
Random effect variance (SE)		0.00	0.00	0.00	0.00
ICC		0	0	0	0
P for trend		<0.0001	<0.0001	0.02	0.05
All-cause mortality					
	Number of deaths (%)	Adjusted for age	Further adjusted for individual social class	Further adjusted for smoking, physical activity, alcohol, BMI	Further adjusted for HDL-C, systolic blood pressure and diabetes
Quintile 1 (n=823)	275 (33)	1.00	1.00	1.00	1.00
Quintile 2 (n=840)	294 (35)	1.16 (0.98,1.38)	1.15 (0.97,1.36)	1.11 (0.93,1.32)	1.07 (0.90,1.28)
Quintile 3 (n=666)	270 (41)	1.26 (1.06,1.50)	1.23 (1.03,1.47)	1.12 (0.94,1.34)	1.11 (0.93,1.33)
Quintile 4 (n=551)	240 (44)	1.47 (1.24,1.75)	1.42 (1.19,1.70)	1.25 (1.04,1.50)	1.27 (1.05,1.53)
Quintile 5 (n=494)	227 (46)	1.56 (1.30,1.86)	1.49 (1.23,1.79)	1.19 (0.98,1.44)	1.17 (0.96,1.42)
Random effect variance (SE)		0.03 (0.03)	0.03 (0.03)	0.03 (0.03)	0.03 (0.03)
ICC		0.0003	0.0003	0.0003	0.0003
P for trend		<0.0001	<0.0001	0.03	0.03