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Neighbourhood greenspace influences on childhood obesity in Sheffield, UK: Supplementary Material

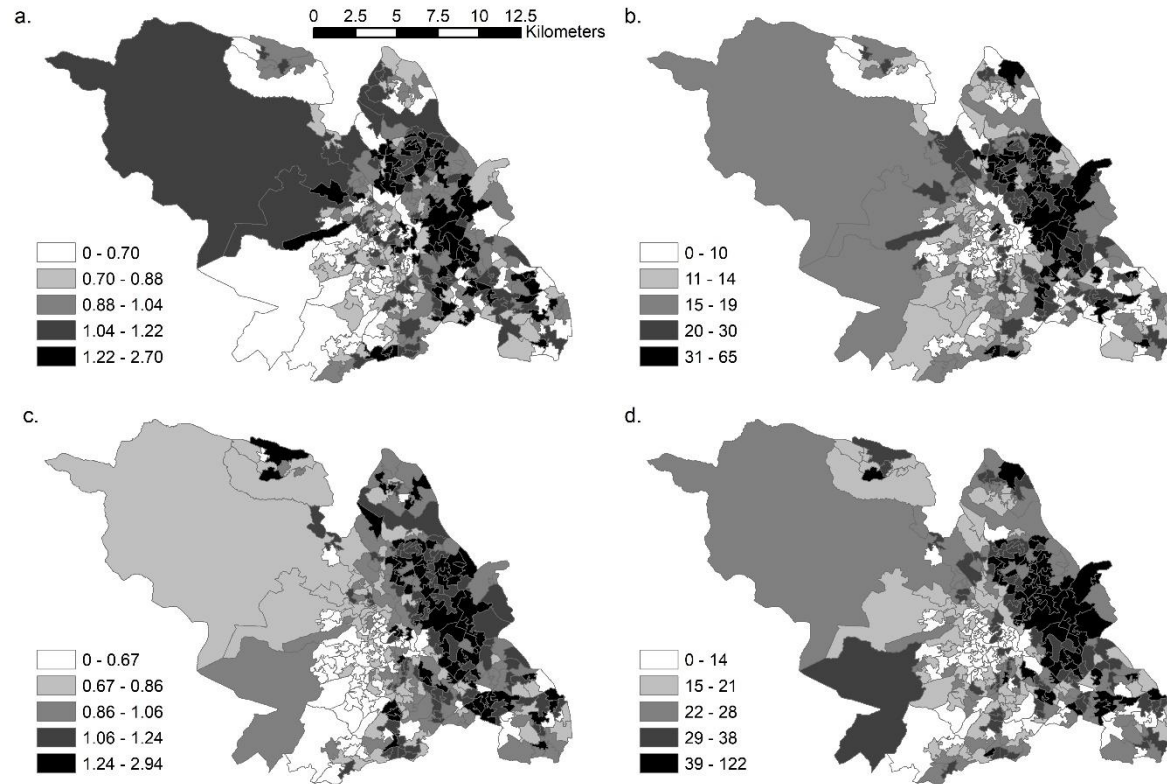


Figure S1. Quintiles of childhood obesity in Sheffield LSOAs. Reception Year (age 4-5) obesity, as (a) ratios of observed to expected (calculated by indirect standardisation) counts and (b) observed counts. Year Six (age 10-11) obesity as (c) ratios and (d) observed counts.

Table S1. Spearman's correlation matrix of greenspace metrics.

Income deprivation	Air pollution	Address density	Green cover	Tree density	Garden size	Any greenspace accessibility	Good greenspace accessibility	Play facility accessibility	
1.00	0.37	0.24	0.05	-0.37	-0.33	0.47	0.09	0.19	Income deprivation
	1.00	0.47	-0.15	-0.43	-0.56	0.35	0.09	0.19	Air pollution
		1.00	-0.50	-0.38	-0.92	0.13	0.09	0.17	Address density
			1.00	0.19	0.35	0.26	0.20	0.18	Green cover
				1.00	0.43	-0.22	0.11	-0.10	Tree density
					1.00	-0.28	-0.11	-0.24	Garden size
						1.00	0.20	0.39	Any greenspace accessibility
							1.00	0.48	Good greenspace accessibility
								1.00	Play facility accessibility

Table S2. Averaged models constructed using untransformed data for rates of obesity at Reception Year and Year Six in Sheffield LSOAs. Empty lines indicate that the variable did not appear in the plausible set (quadratic terms that did not appear in any plausible set are not shown). Significant terms are shown in bold.

	Estimate	SE (adj.)	z value	p value		Estimate	SE (adj.)	z value	p value	
(Intercept)	-0.225	0.242	0.926	0.354		-2.266	2.112	1.073	0.283	
Income deprivation	3.620	0.508	7.124	<0.001	***	2.995	0.433	6.923	<0.001	***
Income deprivation ^2	-6.599	1.065	6.198	<0.001	***	-3.934	0.872	4.510	<0.001	***
Air pollution	0.040	0.015	2.689	0.007	**	0.229	0.257	0.891	0.373	
Air pollution ^2						-0.006	0.008	0.809	0.419	
Address density	-0.003	0.000	5.602	<0.001	***	-0.001	0.001	2.178	0.029	*
Green cover						0.081	0.081	0.996	0.319	
Tree density	-0.001	0.001	2.951	0.003	**	0.002	0.002	0.698	0.485	
Tree density ^2	0.000	0.000	0.000	1.000		0.000	0.000	1.207	0.227	
Garden size						0.000	0.000	0.958	0.338	
Any greenspace accessibility						0.005	0.024	0.196	0.845	
Good greenspace accessibility						-0.114	0.054	2.098	0.036	*
Play facility accessibility	0.016	0.073	0.219	0.826						
Play facility accessibility ^2	-0.020	0.092	0.221	0.825						