Supplementary File 2 – Results of Sensitivity Analyses

Coefficient for government spend on Social Care (within effect); outcome variable emergency admissions for patients aged 65+

	IRR	p>|z|	95% Conf. Interval	
Primary Analysis	1.009	0.41	0.965	1.056
Sensitivity Analyses				
1 : Excluding councils with highest dfbeta values	0.996	0.82	0.963	1.030
2 : Random effects formulation	1.020	0.15	0.993	1.049
3 : Lagging spend on social care & leading mortality rates	1.035	0.25	0.976	1.099
4 : Treat year as linear covariate	1.052	0.02	1.009	1.097
5a : Correlation structure - exchangeable	1.023	0.99	0.978	1.069
5b : Correlation structure - unstructured	1.015	1.00	0.986	1.044
5c : Correlation structure – autoregressive (order1)	1.008	0.61	0.982	1.036