

Supplementary Table 1: Heat table of all EGS admissions: inpatient crude mortality rate by SIMD and CCI, including mortality risk ratios relative to least comorbid (CCI=0) and least deprived (SIMD 10).

All Patients Heat Map		CCI															
		0				1 to 2				3 to 4				>4			
		0	30-day	90-day	1-year	0	30-day	90-day	1-year	0	30-day	90-day	1-year	0	30-day	90-day	1-year
		Inpatient	Mortality	Mortality	Mortality	Inpatient	Mortality	Mortality	Mortality	Inpatient	Mortality	Mortality	Mortality	Inpatient	Mortality	Mortality	Mortality
Crude Mortality	SIMD	Mortality	Mortality	Mortality	Mortality	Mortality	Mortality	Mortality	Mortality	Mortality	Mortality	Mortality	Mortality	Mortality	Mortality	Mortality	Mortality
	1	0.01	0.01	0.03	0.07	0.04	0.08	0.15	0.22	0.06	0.12	0.22	0.32	0.12	0.22	0.39	0.51
	2	0.01	0.01	0.03	0.07	0.05	0.09	0.17	0.24	0.07	0.13	0.23	0.33	0.12	0.22	0.40	0.51
	3	0.01	0.02	0.03	0.08	0.05	0.10	0.17	0.25	0.07	0.13	0.23	0.32	0.13	0.25	0.43	0.54
	4	0.01	0.01	0.03	0.08	0.05	0.09	0.17	0.25	0.06	0.14	0.24	0.34	0.12	0.23	0.42	0.52
	5	0.01	0.02	0.03	0.08	0.05	0.10	0.17	0.25	0.06	0.13	0.24	0.33	0.11	0.23	0.41	0.52
	6	0.01	0.02	0.04	0.08	0.04	0.10	0.18	0.26	0.06	0.13	0.22	0.31	0.11	0.22	0.41	0.53
	7	0.01	0.02	0.04	0.08	0.05	0.10	0.18	0.26	0.06	0.13	0.24	0.32	0.10	0.23	0.39	0.51
	8	0.01	0.01	0.03	0.08	0.05	0.10	0.18	0.26	0.06	0.14	0.24	0.35	0.10	0.24	0.41	0.52
	9	0.01	0.01	0.03	0.08	0.05	0.10	0.18	0.27	0.05	0.12	0.21	0.30	0.10	0.23	0.42	0.54
	10	0.01	0.01	0.03	0.08	0.05	0.10	0.18	0.26	0.06	0.14	0.24	0.32	0.09	0.22	0.40	0.54
Mortality Risk Ratios																	
	1	0.91	2.32	5.53	13.06	7.32	15.17	26.98	40.01	10.41	21.86	39.49	56.74	21.25	39.18	69.54	90.18
	2	1.08	2.53	5.77	13.26	8.36	16.46	29.84	43.28	11.95	23.86	41.26	59.13	20.62	39.81	71.56	91.07
	3	1.11	2.71	6.01	13.70	8.24	17.32	31.18	44.93	12.29	23.99	40.83	56.88	23.17	44.07	76.81	95.83
	4	1.17	2.62	5.98	13.68	8.09	16.72	30.25	43.90	11.41	24.64	43.45	60.52	21.88	41.14	75.46	93.70
	5	1.10	2.81	6.14	13.80	8.48	17.54	31.11	45.20	10.82	23.76	42.87	58.58	19.92	41.43	73.45	92.64
	6	1.25	2.85	6.42	14.10	8.02	17.20	31.30	45.61	10.53	23.09	38.88	55.71	18.79	40.07	73.47	93.74
	7	1.23	2.76	6.30	13.88	8.46	17.77	32.16	46.15	11.49	22.85	42.23	57.32	17.66	40.94	70.08	90.30
	8	1.19	2.53	5.92	13.47	8.30	17.54	31.39	46.16	9.89	24.58	43.25	62.21	18.43	42.34	73.81	92.42
	9	1.13	2.49	6.08	14.14	8.27	17.47	32.58	47.96	8.97	21.09	37.50	54.07	18.74	40.91	74.66	96.12
	10	1.00	2.49	5.70	13.48	8.29	17.06	31.58	46.19	10.81	25.58	42.28	56.84	16.52	39.25	71.78	95.79

SIMD= Scottish Index of Multiple Deprivation; CCI= Charlson Comorbidity Index.