

**Table A1. Practice population characteristics included in regression models**

	mean	sd	p10	p25	p50	p75	p90
Practice list sized aged 15+ with no T2D diagnosis	6505.95	4245.30	2371.00	3574.08	5717.75	8411.00	11210.00
Practice population male (%)	50.16	2.21	48.21	48.93	49.72	50.86	52.68
Practice population age 0-14 (%)	17.46	3.86	13.45	15.26	17.14	19.41	22.16
Practice population age 40-44 (%)	6.43	1.30	5.02	5.57	6.27	7.17	8.17
Practice population age 45-49 (%)	6.94	0.95	6.00	6.48	6.97	7.46	7.95
Practice population age 50-54 (%)	7.06	1.23	5.58	6.52	7.23	7.84	8.35
Practice population age 55-59 (%)	6.40	1.40	4.60	5.67	6.61	7.32	7.92
Practice population age 60-64 (%)	5.34	1.43	3.42	4.46	5.45	6.29	7.04
Practice population age 65-69 (%)	4.80	1.68	2.55	3.63	4.86	5.92	6.93
Practice population age 70-74 (%)	4.60	2.11	1.91	3.11	4.59	5.97	7.22
Practice population age 75+ (%)	6.32	2.72	2.76	4.31	6.35	8.09	9.78
% of Practice population living in most deprived quintile	23.22	26.52	0.01	0.70	12.17	39.42	67.32
% of practice population living in 2nd quintile	21.42	17.96	0.92	7.25	17.97	31.23	47.05
% of practice population living in 3rd quintile	19.80	15.55	3.23	8.06	16.59	27.62	40.68
% of practice population living in 4th quintile	18.32	15.94	0.99	4.64	15.27	27.70	40.12
Diabetes prevalence (%)	7.21	2.16	4.85	6.00	7.11	8.27	9.55
Practice population Mixed ethnicity (%)	2.50	1.87	0.70	1.01	1.84	3.64	5.42
Practice population Asian ethnicity (%)	9.45	13.44	0.72	1.25	3.89	11.43	25.94
Practice population Black ethnicity (%)	4.33	6.92	0.16	0.34	1.15	5.23	13.38
Practice population other ethnicity (%)	1.26	1.84	0.10	0.17	0.45	1.62	3.62
	n	%					
Rural practice	1136	16.5					