

Supplementary Table S1. Number of practices by region in total and included in the development and validation datasets.

Practice region	Total	Dataset	
		Development	Validation
North East	11	8	3
North West	85	60	26
Yorkshire & The Humber	28	20	8
East Midlands	25	18	8
West Midlands	61	43	18
East of England	54	38	16
South West	61	43	18
South Central	56	39	17
London	95	67	29
South East Coast	68	48	20
Northern Ireland	25	18	8
Scotland	94	66	28
Wales	77	54	23
Total	740	518	222