

Table 1: Factors associated with being diagnosed outside a SHC: England, Wales & Northern Ireland, 2011-2014

Variables		Diagnosed outside a SHC			Unadjusted odds ratio			Adjusted odds ratio		
		n	N*	%	OR	95% CI	P value†	OR	95% CI	P value†
Sex	Men	3,884	14,530	27%	1.00	-	-	-	-	-
	Women	1,706	4,344	39%	1.77	1.65-1.90	<0.001	-	-	N.S.
Age at diagnosis	15-24	418	2,270	18%	1.00	-	-	1.00	-	-
	25-34	1,312	6,078	22%	1.22	1.08-1.38	-	1.12	0.97-1.28	-
	35-49	2,510	7,556	33%	2.20	1.96-2.48	-	1.60	1.39-1.83	-
	≥50	1,350	2,970	45%	3.69	3.25-4.20	<0.001	2.48	2.13-2.88	<0.001
Diagnosis year	2011	1,400	4,866	29%	1.00	-	-	-	-	-
	2012	1,440	4,638	31%	1.11	1.02-1.22	-	-	-	-
	2013	1,320	4,534	29%	1.02	0.93-1.11	-	-	-	-
	2014	1,430	4,836	30%	1.04	0.95-1.13	0.079	-	-	-
Exposure	Sex between men	2,024	10,043	20%	1.00	-	-	1.00	-	-
	Heterosexual contact	2,960	7,375	40%	2.66	2.48-2.84	-	1.99	1.81-2.18	-
	Injecting drug use	173	353	49%	3.81	3.07-4.72	-	3.28	2.56-4.19	-
	Other	65	228	29%	1.58	1.18-2.11	<0.001	1.36	0.93-1.99	<0.001
Ethnicity	White	2,860	11,010	26%	1.00	-	-	1.00	-	-
	Black African	1,658	4,284	39%	1.51	1.26-1.81	-	1.00	0.90-1.11	-
	Black Caribbean	189	546	35%	1.80	1.67-1.94	-	1.19	0.97-1.46	-
	Asian	272	1,013	27%	1.05	0.90-1.21	-	0.84	0.71-1.00	-
	Other	352	1,374	26%	0.98	0.86-1.12	<0.001	0.87	0.75-1.01	0.035
Diagnosed late**	No	1,692	9,265	18%	1.00	-	-	1.00	-	-
	Yes	3,145	7,354	43%	3.34	3.12-3.59	<0.001	2.55	2.36-2.74	<0.001

*Antenatal diagnoses excluded from analysis

**CD4 <350/cells/mm³

† Likelihood ratio test

N.S. - Not significant and hence not selected for model