

**Web Appendix 1: Variations in the % of men reporting new sexual partner(s) while overseas in the past five years by key demographics and sexual and health behaviours**

		<b>% (95%CI)</b>	<b>Crude OR (95%CI)</b>	<b>p-value</b>	<b>AOR<sup>1</sup> (95%CI)</b>	<b>p-value</b>	<b>Denom. (unwt, wt)<sup>2</sup></b>
<b>All men</b>		9.2% (8.3-10.1)					5243, 6426
<b>Socio-demographic variables</b>							
<b>Age (years)</b>				<0.0001		0.321	
	16-24	16.9% (14.8-19.2)	1 -		1 -		1354, 988
	25-34	14.4% (12.6-16.5)	0.83 (0.67-1.03)		1.14 (0.86-1.50)		1431, 1282
	35-44	7.6% (5.8-10.0)	0.41 (0.29-0.56)		1.06 (0.72-1.56)		761, 1354
	45-54	6.1% (4.4-8.4)	0.32 (0.22-0.47)		0.94 (0.60-1.48)		696, 1282
	55-64	3.5% (2.2-5.4)	0.18 (0.11-0.29)		0.64 (0.36-1.11)		591, 953
	65-74	4.2% (2.5-6.9)	0.22 (0.13-0.38)		1.19 (0.62-2.30)		410, 567
<b>Relationship status</b>				<0.0001		0.5308	
	Married/civil partnership	4.6% (3.7-5.7)	1 -		1 -		1960, 3432
	Living with partner	9.7% (7.8-12.1)	2.26 (1.62-3.15)		0.97 (0.64-1.47)		857, 1028
	In a 'steady' ongoing relationship but not living together	14.5% (12.1-17.4)	3.56 (2.62-4.86)		0.97 (0.64-1.46)		956, 765
	Not in a 'steady' relationship	18.6% (16.3-21.1)	4.79 (3.64-6.31)		1.17 (0.80-1.72)		1454, 1186
<b>Ethnicity</b>				<0.0001		<0.0001	
	White British	7.8% (7.0-8.6)	1 -		1 -		4430, 5354
	White Other	20.3% (15.1-26.8)	3.02 (2.07-4.40)		2.38 (1.49-3.80)		268, 335
	Mixed	13.8% (7.8-23.2)	1.9 (1.00-3.60)		1.1 (0.58-2.09)		100, 104
	Asian/Asian British	11.6% (7.9-16.6)	1.55 (1.01-2.38)		1.99 (1.22-3.25)		226, 352
	Black/Black British	16.4% (10.8-24.2)	2.33 (1.42-3.83)		1.25 (0.70-2.23)		154, 200
	Chinese/Other	26.9% (15.4-42.6)	4.36 (2.18-8.73)		4.57 (1.97-10.60)		56, 67
<b>NSSEC code (individual socio-economic status)<sup>3</sup></b>				<0.0001		0.1928	
	Managerial & prof occupations	9.1% (7.7-10.7)	1 -		1 -		1731, 2445
	Intermediate occupations	7.9% (6.2-9.9)	0.85 (0.63-1.16)		0.77 (0.55-1.09)		824, 1100
	Semi-routine/routine occupations	9.4% (8.0-10.9)	1.03 (0.81-1.32)		0.8 (0.60-1.05)		1803, 2077
	No job(10+ hrs/week) or not in last 10	4.0% (2.2-7.3)	0.42 (0.22-0.80)		0.47 (0.22-0.99)		286, 316

	years								
Student in full-time education		15.7%	(12.5-19.6)	1.86	(1.37-2.53)		0.79	(0.54-1.17)	582, 468
<b>Resident in Greater London</b>						0.0001		0.168	
	No	8.4%	(7.6-9.3)	1	-		1	-	4717, 5590
	Yes	14.3%	(11.2-18.2)	1.82	(1.34-2.48)		1.28	(0.90-1.82)	526, 836
<b>Sexual behaviours</b>									
<b>No. of sexual partners, past five years</b>						<0.0001		<0.0001	
	1	2.3%	(1.8-3.0)	1	-		1	-	2632, 3931
	2-4	10.3%	(8.6-12.2)	4.77	(3.42-6.64)		4.45	(3.01-6.56)	1435, 1457
	5-9	27.6%	(23.7-31.9)	15.89	(11.43-22.09)		14.08	(9.32-21.28)	646, 561
	10+	42.2%	(37.1-47.4)	30.39	(21.55-42.86)		26.64	(17.44-40.70)	512, 456
<b>Overlap between partners, past five years</b>						<0.0001		0.0176	
	No	5.6%	(4.9-6.4)	1	-		1	-	4176, 5345
	Yes	27.4%	(24.2-30.9)	6.38	(5.13-7.93)		1.37	(1.06-1.78)	1058, 1066
<b>Same sex partners, past five years</b>						<0.0001		0.1158	
	No	8.8%	(7.9-9.7)	1	-		1	-	5054, 6236
	Yes, only same sex	27.8%	(18.3-39.9)	4.01	(2.34-6.88)		1.46	(0.81-2.63)	106, 103
	Yes, and opposite sex	18.6%	(10.5-30.9)	2.38	(1.22-4.64)		0.61	(0.32-1.17)	76, 79
<b>1+ new unprotected partner, past year</b>						<0.0001		0.2509	
	No	7.2%	(6.4-8.1)	1	-		1	-	4233, 5452
	Yes	20.9%	(18.0-24.2)	3.41	(2.73-4.27)		1.17	(0.90-1.52)	963, 918
<b>Paid for sex, past five years</b>						<0.0001		<0.0001	
	No	7.2%	(6.5-8.0)	1	-		1	-	5015, 6176
	Yes	57.6%	(49.6-65.2)	17.45	(12.47-24.42)		6.71	(4.36-10.34)	227, 249
<b>Ever paid money for sex outside the UK</b>						<0.0001		<0.0001	
	No	7.3%	(6.5-8.1)	1	-		1	-	4884, 5961
	Yes	33.4%	(28.0-39.4)	6.39	(4.84-8.43)		5.46	(3.92-7.59)	359, 465
<b>New partner in UK from outside UK, past five years</b>						<0.0001		<0.0001	
	No	7.6%	(6.8-8.5)	1	-		1	-	4951, 6153
	Yes	44.5%	(37.8-51.5)	9.74	(7.17-13.21)		2.64	(1.88-3.71)	291, 272
<b>Health behaviours</b>									
<b>Smoker</b>						0.001		0.2202	

	No	8.3%	(7.4-9.3)	1	-	1	-	3629, 4678	
	Yes	11.5%	(9.8-13.5)	1.44	(1.16-1.79)	0.85	(0.66-1.10)	1614, 1747	
<b>Average alcoholic consumption, per week<sup>4</sup></b>						0.0037		0.0473	
	None	6.7%	(5.1-8.8)	1	-	1	-	961, 1216	
	Not more than recommended	9.4%	(8.5-10.5)	1.45	(1.06-1.98)	1.29	(0.90-1.84)	3785, 4613	
	More than recommended	12.6%	(9.8-16.1)	2	(1.33-3.00)	1.81	(1.12-2.91)	474, 573	
<b>Drug use, past year</b>						<0.0001		0.0118	
	No	7.3%	(6.5-8.2)	1	-	1	-	4107, 5358	
	Yes, cannabis only	13.9%	(11.1-17.2)	2.05	(1.54-2.73)	1.01	(0.73-1.39)	618, 583	
	Yes, drugs other than cannabis	24.4%	(20.3-28.9)	4.08	(3.16-5.28)	1.52	(1.15-2.03)	504, 466	
<b>Sexual health outcomes</b>									
<b>Attended sexual health clinic, past five years</b>						<0.0001		0.1747	
	No	6.9%	(6.1-7.8)	1	-	1	-	4255, 5563	
	Yes	24.2%	(20.9-27.7)	4.28	(3.41-5.37)	1.21	(0.92-1.59)	909, 778	
<b>HIV test, past five years</b>						<0.0001		0.0005	
	Not in past five years/never	7.2%	(6.4-8.1)	1	-	1	-	4276, 5392	
	In past five years	23.8%	(20.4-27.5)	4.02	(3.19-5.07)	1.59	(1.23-2.06)	719, 744	
<b>STI diagnosis, past five years</b>						<0.0001		0.241	
	No	8.3%	(7.4-9.2)	1	-	1	-	4905, 6095	
	Yes	28.4%	(22.7-35.0)	4.41	(3.19-6.09)	1.24	(0.86-1.79)	278, 256	
<b>Risk perception</b>									
<b>HIV/AIDS risk: to self</b>						<0.0001		0.1993	
	Greatly at risk / quite a lot	15.6%	(11.1-21.5)	2.66	(1.76-4.03)	0.85	(0.51-1.41)	215, 206	
	Not very much	17.4%	(15.1-20.0)	3.05	(2.47-3.77)	1.2	(0.94-1.53)	1372, 1400	
	Not at all at risk	6.5%	(5.7-7.4)	1	-	1	-	3628, 4788	
<b>Other STI risk: to self</b>						<0.0001		0.0879	
	Greatly at risk / quite a lot	24.7%	(19.1-31.1)	5.38	(3.78-7.65)	1.13	(0.75-1.70)	281, 243	
	Not very much	17.2%	(15.0-19.6)	3.41	(2.75-4.24)	1.33	(1.03-1.72)	1496, 1522	
	Not at all at risk	5.7%	(5.0-6.6)	1	-	1	-	3440, 4630	

<sup>1</sup> Adjusted ORs adjusted for age (continuous), relationship status, ethnicity (White British vs. Other), social class, place of residence in Britain & partners in the past five years

<sup>2</sup> Denominators are for crude ORs

<sup>3</sup> NSSEC = National Statistics Socio-Economic Classification.[12]

<sup>4</sup> Recommended alcohol limits 21 units/week for men and 14 units/week for women -as defined by Royal College of Physicians [13]

**Web Appendix 2: Variations in the % of women reporting new sexual partner(s) while overseas in the past five years by key demographics and sexual and health behaviours**

	%	(95%CI)	Crude OR	(95%CI)	p-value	AOR <sup>1</sup>	(95%CI)	p-value	Denom. (unwt, wt) <sup>2</sup>
<b>All women</b>	5.3%	(4.8-5.8)							7257, 6275
<b>Socio-demographics</b>									
<b>Age (years)</b>					<0.0001			0.0001	
16-24	12.3%	(10.6-14.3)	1	-		1	-		1719, 959
25-34	9.4%	(8.2-10.8)	0.74	(0.59-0.93)		1.31	(0.96-1.78)		2353, 1301
35-44	2.5%	(1.8-3.5)	0.18	(0.12-0.27)		0.51	(0.31-0.84)		1139, 1378
45-54	2.2%	(1.5-3.4)	0.16	(0.10-0.26)		0.61	(0.37-1.00)		965, 1278
55-64	1.8%	(1.1-3.0)	0.13	(0.08-0.23)		0.71	(0.38-1.33)		694, 891
65-74	2.3%	(1.1-4.6)	0.17	(0.08-0.35)		1.12	(0.48-2.57)		387, 468
<b>Relationship status</b>					<0.0001			0.1163	
Married/civil partnership	2.3%	(1.8-2.9)	1	-		1	-		2843, 3370
Living with partner	5.2%	(4.1-6.7)	2.37	(1.67-3.36)		1.03	(0.71-1.50)		1294, 1023
In a 'steady' ongoing relationship but not living together	9.3%	(7.7-11.2)	4.4	(3.21-6.01)		1.12	(0.77-1.62)		1369, 794
Not in a 'steady' relationship	11.7%	(10.0-13.6)	5.67	(4.24-7.57)		1.42	(1.00-2.00)		1736, 1081
<b>Ethnicity</b>					<0.0001			<0.0001	
White British	4.4%	(3.9-5.0)	1	-		1	-		6082, 5247
White Other	11.7%	(8.6-15.8)	2.85	(1.97-4.14)		2.65	(1.75-4.02)		390, 346
Mixed	8.5%	(4.5-15.8)	2.01	(1.00-4.04)		0.88	(0.40-1.92)		170, 120
Asian/Asian British	10.3%	(7.3-14.5)	2.48	(1.63-3.77)		3.91	(2.40-6.37)		300, 279
Black/Black British	5.4%	(2.8-10.1)	1.22	(0.61-2.42)		0.82	(0.38-1.77)		217, 201
Chinese/Other	10.3%	(5.1-19.8)	2.48	(1.16-5.31)		3.17	(1.49-6.71)		84, 69
<b>NSSEC code (individual socio-economic status)<sup>3</sup></b>					<0.0001			0.0297	
Managerial & prof occupations	5.4%	(4.5-6.4)	1	-		1	-		2174, 2070
Intermediate occupations	4.6%	(3.6-5.9)	0.84	(0.61-1.16)		0.77	(0.55-1.09)		1460, 1307
Semi-routine/routine occupations	4.8%	(4.0-5.9)	0.89	(0.67-1.19)		0.68	(0.50-0.93)		2084, 1685

No job(10+ hrs/week) or not in last 10 years	2.7%	(1.8-4.2)	0.49	(0.30-0.80)	0.48	(0.28-0.83)	771, 732
Student in full-time education	12.2%	(9.4-15.6)	2.44	(1.71-3.48)	0.83	(0.56-1.25)	729, 446
<b>Resident in Greater London</b>					<0.0001	0.0309	
No	4.7%	(4.2-5.2)	1	-	1	-	6488, 5479
Yes	9.5%	(7.6-11.8)	2.16	(1.65-2.82)	1.43	(1.03-1.97)	769, 796
<b>Sexual behaviours</b>							
<b>No. of sexual partners, past five years</b>					<0.0001	<0.0001	
1	1.9%	(1.5-2.4)	1	-	1	-	4342, 4427
2-4	7.2%	(6.0-8.6)	3.98	(2.93-5.41)	3.19	(2.24-4.56)	1893, 1249
5-9	23.3%	(19.7-27.5)	15.58	(11.35-21.38)	11.32	17.07)	658, 391
10+	33.6%	(27.9-39.9)	25.93	(18.22-36.90)	21.33	(13.95-32.60)	338, 186
<b>Overlap between partners, past five years</b>					<0.0001	0.0033	
No	3.7%	(3.3-4.2)	1	-	1	-	6337, 5692
Yes	20.6%	(17.8-23.7)	6.66	(5.34-8.29)	1.48	(1.14-1.91)	899, 564
<b>Same sex partners, past five years</b>					<0.0001	0.5299	
No	5.0%	(4.5-5.5)	1	-	1	-	6906, 6033
Yes, only same sex	2.2%	(0.7-7.1)	0.43	(0.13-1.46)	0.49	(0.14-1.75)	79, 66
Yes, and opposite sex	17.3%	(12.5-23.5)	4.01	(2.69-5.97)	0.93	(0.61-1.44)	263, 170
<b>1+ new unprotected partner, past year</b>					<0.0001	0.5389	
No	4.3%	(3.8-4.8)	1	-	1	-	5996, 5455
Yes	12.6%	(10.6-14.9)	3.23	(2.56-4.08)	0.91	(0.69-1.22)	1214, 775
<b>New partner in UK from outside UK, past five years</b>					<0.0001	<0.0001	
No	4.5%	(4.0-5.0)	1	-	1	-	7025, 6106
Yes	34.1%	(27.1-41.8)	11.05	(7.83-15.60)	4.3	(2.69-6.88)	227, 165
<b>Health behaviours</b>							
<b>Smoker</b>					0.0003	0.2827	
No	4.7%	(4.2-5.4)	1	-	1	-	5166, 4744
Yes	6.9%	(5.9-8.1)	1.49	(1.20-1.84)	0.88	(0.69-1.11)	2091, 1531
<b>Average alcoholic consumption, per week<sup>4</sup></b>					<0.0001	0.0252	
None	4.1%	(3.3-5.1)	1	-	1	-	2182, 1896

	Not more than recommended	5.0%	(4.3-5.7)	1.21	(0.92-1.59)		1.09	(0.81-1.46)	4161, 3624
	More than recommended	9.8%	(8.0-12.0)	2.53	(1.86-3.45)		1.49	(1.09-2.04)	885, 733
<b>Drug use, past year</b>						<0.0001			0.0245
	No	4.2%	(3.8-4.8)	1	-		1	-	6475, 5775
	Yes, cannabis only	15.6%	(11.8-20.3)	4.18	(2.95-5.91)		1.52	(1.02-2.25)	431, 281
	Yes, drugs other than cannabis	19.9%	(15.3-25.3)	5.61	(3.97-7.93)		1.64	(1.08-2.47)	337, 207
<b>Sexual health outcomes</b>									
<b>Attended sexual health clinic, past five years</b>						<0.0001			0.0059
	No	3.5%	(3.0-3.9)	1	-		1	-	5793, 5393
	Yes	16.4%	(14.2-18.9)	5.5	(4.39-6.88)		1.48	(1.12-1.96)	1395, 832
<b>HIV test, past five years</b>						<0.0001			0.001
	Not in past five year/never	3.9%	(3.4-4.4)	1	-		1	-	5264, 4891
	In past five years	12.6%	(10.8-14.6)	3.55	(2.83-4.46)		1.53	(1.19-1.98)	1547, 1010
<b>STI diagnosis, past five years</b>						<0.0001			0.001
	No	4.5%	(4.0-5.0)	1	-		1	-	6797, 5994
	Yes	24.9%	(19.9-30.7)	7.09	(5.18-9.71)		1.89	(1.29-2.75)	409, 237
<b>Non-volitional sex, aged 13+, past five years</b>						<0.0001			0.6649
	No	5.0%	(4.5-5.6)	1	-		1	-	6917, 6057
	Yes	19.3%	(12.6-28.4)	4.53	(2.70-7.61)		1.14	(0.64-2.04)	155, 82
<b>Risk perception</b>									
<b>HIV/AIDS risk: to self</b>						<0.0001			0.0551
	Greatly at risk / quite a lot	9.4%	(6.0-14.3)	2.59	(1.59-4.22)		0.9	(0.52-1.58)	203, 162
	Not very much	12.0%	(10.3-14.0)	3.42	(2.75-4.25)		1.34	(1.04-1.72)	1388, 1002
	Not at all at risk	3.8%	(3.4-4.4)	1	-		1	-	5630, 5082
<b>Other STI risk: to self</b>						<0.0001			0.0904
	Greatly at risk / quite a lot	16.0%	(11.3-22.2)	5.16	(3.40-7.84)		1.11	(0.70-1.76)	243, 169
	Not very much	11.2%	(9.7-12.9)	3.4	(2.75-4.19)		1.31	(1.03-1.67)	1579, 1116
	Not at all at risk	3.6%	(3.1-4.1)	1	-		1	-	5400, 4960

<sup>1</sup> Adjusted ORs adjusted for age (continuous), relationship status, ethnicity (White British vs. Other), social class, place of residence in Britain & partners in the past five years

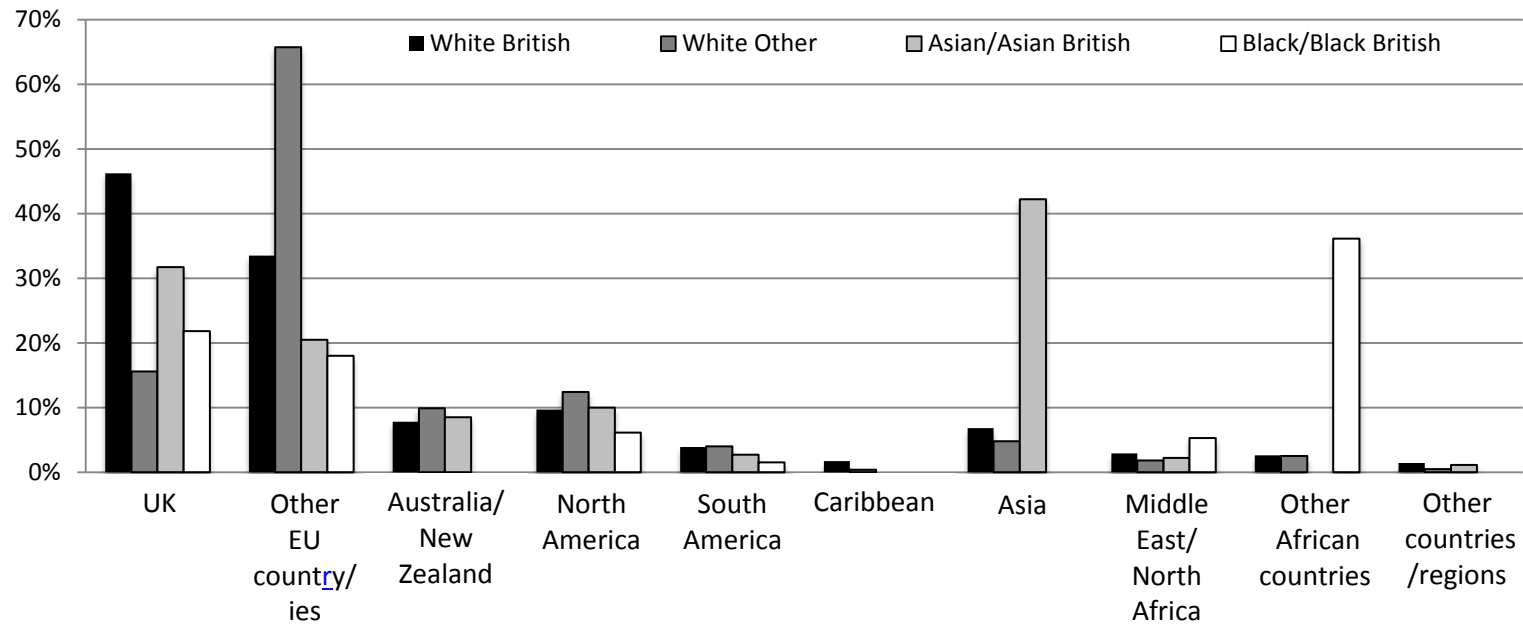
<sup>2</sup> Denominators are for crude ORs

<sup>3</sup> NSSEC = National Statistics Socio-Economic Classification.[12]

<sup>4</sup> Recommended alcohol limits [\(21 units/week for men and 14 units/week for women\)](#) as defined by Royal College of Physicians [13]



**Web Appendix 3: Country/region of residence of new sexual partner(s) while overseas in the past 5 years, by participant's ethnicity**



Percentages do not sum to 100% because respondents could report new partners from more than one country/region  
 Denominators too small for those self-identifying as 'Mixed' ethnicity or 'Chinese/Other' ethnicity