

Appendix Table. Univariate analysis of characteristics of 463 male injection drug users, Kabul, Afghanistan*

Variable, No. (%)	HIV		HBsAg		HCV	
	No. (%)	OR, 95% CI	No. (%)	OR, 95% CI	No. (%)	OR, 95% CI
Age group, y						
≤30, 276 (59.7)	7 (2.5)	Reference	16 (5.8)	Reference	93 (33.7)	Reference
>30, 186 (40.3)	7 (3.8)	1.50, 0.52–4.36	16 (5.8)	1.32, 0.63–2.79	77 (41.4)	1.40, 0.93–2.09
Mean 30.6, IQR 25–35						
Age began injection drug use, y						
≤25, 253 (54.6)	8 (3.2)	Reference	15 (6.0)	Reference	95 (37.7)	Reference
>25, 210 (45.4)	6 (2.9)	0.90, 0.31–2.63	15 (7.1)	1.22, 0.58–2.55	75 (35.7)	0.92, 0.63–1.34
Mean 26.4, IQR 21–30						
Nationality						
Afghan, 458 (98.9)	14 (3.1)	–	30 (6.5)	–	169 (36.9)	2.34, 0.23–115.8
Other†, 5 (1.1)	0	Reference	0	Reference	1 (20)	Reference
Education, y						
≤8, 370 (80.1)	13 (3.5)	Reference	26 (7.0)	Reference	145 (39.2)	Reference
> 8, 92 (19.9)	1 (1.1)	0.30, 0.04–2.31	4 (4.3)	0.60, 0.20–1.77	25 (26.9)	0.58, 0.35–0.96
Marital status						
Married, 239 (51.7)	7 (2.9)	0.93, 0.32–2.69	16 (6.7)	1.07, 0.51–2.24	76 (31.8)	0.64, 0.44–0.94
Unmarried‡, 223 (48.3)	7 (3.1)	Reference	14 (6.3)	Reference	94 (42.2)	Reference
Employed						
Yes, 406 (88.1)	13 (3.2)	1.78, 0.29–13.9	26 (6.4)	0.87, 0.29–2.59	144 (35.4)	0.61, 0.33–1.13
No, 55 (11.9)	1 (1.8)	Reference	4 (7.3)	Reference	26 (47.3)	Reference
Monthly income, Afghanis§						
≤4,500, 312 (67.5)	10 (3.2)	Reference	23 (7.4)	Reference	103 (33.0)	Reference
>4,500, 150 (32.5)	4 (2.7)	0.82, 0.25–2.66	7 (4.6)	0.61, 0.26–1.46	67 (44.4)	1.62, 1.06–2.46
Lived outside Afghanistan in past 10 y						
Yes, 400 (86.4)	13 (3.3)	2.09, 0.27–16.29	23 (5.8)	0.49, 0.20–1.20	146 (36.7)	1.01, 0.58–1.75
No, 63 (13.6)	1 (1.6)	Reference	7 (11.1)	Reference	23 (36.5)	Reference
Duration of injection drug use, y						
≥3, 256 (55.4)	11 (5.3)	4.76, 1.31–17.29	11 (5.3)	0.70, 0.33–1.51	107 (51.7)	3.31, 2.23–4.91
<3, 206 (44.6)	3 (1.2)	Reference	19 (7.4)	Reference	63 (24.6)	Reference
Mean 4.4, IQR 2–6						
Use new needle every time						
Yes, 135 (29.2)	3 (2.2)	0.65, 0.18–2.38	6 (4.4)	0.59, 0.23–1.47	55 (40.7)	1.27, 0.84–1.91

No, 327 (70.8)	11 (3.5)	Reference	24 (7.3)	Reference	115 (35.2)	Reference
Needle or syringe sharing						
Yes, 233 (50.4)	11 (4.7)	3.73, 1.03–13.56	22 (9.4)	2.88, 1.25–6.11	108 (46.3)	2.33, 1.58–3.43
No, 229 (49.6)	3 (1.3)	Reference	8 (3.5)	Reference	62 (27.1)	Reference
Donated or sold blood						
Yes, 24 (5.2)	2 (8.3)	3.23, 0.68–15.35	1 (4.2)	0.61, 0.08–4.71	8 (33.3)	0.86, 0.31–2.20
No, 439 (94.8)	12 (2.7)	Reference	29 (6.6)	Reference	162 (36.9)	Reference
Received therapeutic injections in last 6 mo						
Yes, 106 (22.9)	4 (3.8)	1.36, 0.42–4.42	10 (9.4)	1.75, 0.79–3.86	46 (43.4)	1.43, 0.92–2.23
No, 356 (77.1)	10 (2.8)	Reference	20 (5.6)	Reference	124 (34.8)	Reference
Received injections from a nonmedical provider						
Yes, 35 (7.6)	1 (2.9)	0.93, 0.12–7.32	5 (14.3)	2.66, 0.95–7.45	19 (54.3)	2.19, 1.09–4.39
No, 424 (92.4)	13 (3.1)	Reference	25 (5.9)	Reference	149 (35.1)	Reference
Patronized female sex worker						
Yes, 327 (76.2)	12 (3.7)	1.90, 0.42–8.65	23 (7.0)	1.47, 0.54–3.96	114 (34.9)	0.90, 0.56–1.47
No, 102 (23.8)	2 (2.0)	Reference	5 (4.9)	Reference	38 (37.3)	Reference
Had sex with men or boys						
Yes, 125 (28.4)	4 (3.2)	1.01, 0.31–3.28	10 (8.0)	1.35, 0.61–3.00	55 (44.0)	1.59, 1.04–2.44
No, 315 (71.6)	10 (3.2)	Reference	19 (6.0)	Reference	104 (33.0)	Reference
Incarcerated						
Yes, 264 (57.1)	7 (2.7)	0.74, 0.26–2.15	17 (6.4)	0.98, 0.46–2.07	94 (35.6)	0.89, 0.61–1.30
No, 198 (42.9)	7 (3.5)	Reference	13 (6.6)	Reference	76 (38.4)	Reference
Injected in prison						
Yes, 80 (17.4)	5 (6.3)	2.75, 0.90–8.43	10 (12.5)	2.57, 1.15–5.73	33 (41.3)	1.27, 0.78–2.08
No, 183 (82.6)	9 (2.4)	Reference	20 (5.3)	Reference	135 (35.5)	Reference
Had multiple incarcerations						
Yes, 54 (11.8)	3 (5.6)	2.11, 0.57–7.80	6 (11.1)	1.98, 0.77–5.10	23 (42.6)	1.33, 0.75–2.37
No, 405 (88.2)	11 (2.7)	Reference	24 (5.9)	Reference	145 (35.8)	Reference

*HBsAg, hepatitis B surface antigen; HCV, hepatitis C virus; OR, odds ratio; CI, confidence interval; IQR, interquartile range (25%–75%). **Boldface** values are statistically significant.

†Iranian, Pakistani, and Tajikistani.

‡Unmarried, divorced, or widowed.

§1 US dollar = 49 Afghanis.