Reported Participation Benefits in International HIV Prevention Research with People Who Inject Drugs

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Table 1. Baseline Characteristics of Participants				
	Indexes	*N (%)*	*Partners*	*N (%)*
Enrolled	484		774	
Self-identified gender				
Female	75	(15.5%)	89	(11.5%)
Male	409	(84.5%)	685	(88.5%)
Age (years)				
18-19	1	(0.2%)	5	(0.6%)
20-29	80	(16.5%)	215	(27.8%)
30-39	317	(65.5%)	391	(50.5%)
40+	86	(17.8%)	163	(21.1%)
Education				
Did not complete secondary school	182	(37.6%)	247	(31.9%)
Completed secondary school or beyond	302	(62.4%)	527	(68.1%)
Relationship status				
Married or living with sexual partner	238	(49.2%)	387	(50.0%)
Other	246	(50.8%)	387	(50.0%)
Unemployed in last three months				
Yes	291	(60.1%)	431	(55.7%)
No	193	(39.9%)	343	(44.3%)
Employment status				
Employed full or part time	273	(56.4%)	479	(61.9%)
Other	211	(43.6%)	295	(38.1%)
Homeless in last six months				
Yes	35	(7.2%)	59	(7.6%)
No	449	(92.8%)	715	(92.4%)

Appendix

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Tables A1-A6: Estimated Relative Risks and P-Values for Predictors of Benefits from Poisson Regression Models with Robust Error Variances. (The binary outcome of a beneficial impact occurring at any time after baseline was modeled.)

Table A1.
Clinical Benefits—Indexes

Predictor	Relative risk (95% CI)	P-value
Age (10-year increments)	1.03 (0.95, 1.10)	0.505
Arm (intervention vs. standard of care)	1.21 (1.12, 1.29)	< 0.001
Education (completed secondary school or beyond vs. did not complete secondary school)	0.91 (0.83, 0.99)	0.024
Employment status (employed full or part time vs. other)	1.00 (0.92, 1.09)	0.952
Homelessness (yes vs. no)	1.03 (0.88, 1.21)	0.724
Injection frequency (0-10 vs. 11-21)[*]	1.00 (0.90, 1.12)	0.972
Injection frequency (0-10 vs. 22 or more)[*]	1.11 (1.02, 1.22)	0.015
Injection frequency (11-21 vs. 22 or more)[*]	1.11 (1.01, 1.23)	0.038
Prior incarcerations (yes vs. no)[#]	1.00 (0.83, 1.22)	0.979
Relationship status (married or living with sexual partner vs. other)	1.00 (0.92, 1.08)	0.942
Site (Indonesia vs. Ukraine)	1.16 (1.02, 1.33)	0.027
Site (Indonesia vs. Vietnam)	0.91 (0.82, 1.01)	0.066
Site (Ukraine vs. Vietnam)	0.78 (0.70, 0.88)	< 0.001

For all tables:
* The number of days individuals injected drugs in the month prior to baseline.
# Incarcerated (in jail or prison for involuntary detoxification or another form of incarceration) for some period during the three months prior to baseline.

Table A2.
Clinical Benefits—Partners

Predictor	Relative risk (95% CI)	P-value
Age (10-year increments)	1.10 (1.04, 1.17)	< 0.001
Arm (intervention vs. standard of care)	0.97 (0.88, 1.07)	0.558
Education (completed secondary school or beyond vs. did not complete secondary school)	0.97 (0.88, 1.06)	0.472
Employment status (employed full or part time vs. other)	1.05 (0.95, 1.16)	0.335
Homelessness (yes vs. no)	1.13 (0.94, 1.36)	0.205
Injection frequency (0-10 vs. 11-21)[*]	1.06 (0.94, 1.19)	0.381
Injection frequency (0-10 vs. 22 or more)[*]	1.14 (1.03, 1.27)	0.014
Injection frequency (11-21 vs. 22 or more)[*]	1.08 (0.98, 1.20)	0.105
Prior incarceration (yes vs. no)[#]	0.98 (0.79, 1.21)	0.817
Relationship status (married or living with sexual partner vs. other)	0.90 (0.82, 0.98)	0.013
Site (Indonesia vs. Ukraine)	1.13 (0.97, 1.32)	0.121
Site (Indonesia vs. Vietnam)	0.70 (0.62, 0.80)	< 0.001
Site (Ukraine vs. Vietnam)	0.62 (0.54, 0.71)	< 0.001

Table A3.
Social Benefits—Indexes

Predictor	Relative risk (95% CI)	P-value
Age (10-year increments)	1.05 (0.95, 1.17)	0.304
Arm (intervention vs. standard of care)	1.24 (1.12, 1.38)	< 0.001
Education (completed secondary school or beyond vs. did not complete secondary school)	1.03 (0.90, 1.19)	0.629
Employment status (employed full or part time vs. other)	1.05 (0.93, 1.19)	0.436
Homelessness (yes vs. no)	0.81 (0.62, 1.07)	0.136
Injection frequency (0-10 vs 11-21)[*]	0.85 (0.72, 1.02)	0.079
Injection frequency (0-10 vs. 22 or more)[*]	0.97 (0.83, 1.14)	0.693
Injection frequency (11-21 vs. 22 or more)[*]	1.13 (1.00, 1.29)	0.058
Prior incarcerations (yes vs. no)[#]	1.10 (0.89, 1.36)	0.382
Relationship status (married or living with sexual partner vs. other)	0.99 (0.88, 1.11)	0.841
Site (Indonesia vs. Ukraine)	0.91 (0.77, 1.08)	0.291
Site (Indonesia vs. Vietnam)	0.87 (0.74, 1.04)	0.121
Site (Ukraine vs. Vietnam)	0.96 (0.82, 1.12)	0.567

Table A4.
Social Benefits—Partners

Predictor	Relative risk (95% CI)	P-value
Age (10-year increments)	1.16 (1.06, 1.27)	< 0.001
Arm (intervention vs. standard of care)	0.83 (0.71, 0.98)	0.024
Education (completed secondary school or beyond vs. did not complete secondary school)	1.14 (0.97, 1.34)	0.110
Employment status (employed full or part time vs. other)	1.04 (0.91, 1.20)	0.538
Homelessness (yes vs. no)	1.26 (1.03, 1.55)	0.026
Injection frequency (0-10 vs. 11-21)[*]	1.04 (0.87, 1.25)	0.659
Injection frequency (0-10 vs. 22 or more)[*]	1.06 (0.89, 1.25)	0.524
Injection frequency (11-21 vs. 22 or more)[*]	1.01 (0.88, 1.17)	0.860
Prior incarceration (yes vs. no)[#]	0.92 (0.71, 1.19)	0.536
Relationship status (married or living with sexual partner vs. other)	0.94 (0.83, 1.07)	0.350
Site (Indonesia vs. Ukraine)	0.87 (0.72, 1.05)	0.142
Site (Indonesia vs. Vietnam)	0.80 (0.66, 0.97)	0.021
Site (Ukraine vs. Vietnam)	0.92 (0.77, 1.10)	0.351

Table A5.
General Benefits—Indexes

Predictor	Relative risk (95% CI)	P-value
Age (10-year increments)	1.01 (0.97, 1.06)	0.568
Arm (intervention vs. standard of care)	1.12 (1.07, 1.18)	< 0.001
Education (completed secondary school or beyond vs. did not complete secondary school)	0.95 (0.91, 0.99)	0.029
Employment status (employed full or part time vs. other)	1.01 (0.95, 1.07)	0.735
Homelessness (yes vs. no)	1.00 (0.88, 1.14)	0.973
Injection frequency (0-10 vs. 11-21)[*]	0.97 (0.90, 1.03)	0.327
Injection frequency (0-10 vs. 22 or more)[*]	1.06 (1.00, 1.11)	0.035
Injection frequency (11-21 vs. 22 or more)[*]	1.09 (1.02, 1.17)	0.015
Prior incarceration (yes vs. no)[#]	0.96 (0.82, 1.13)	0.637
Relationship status (married or living with sexual partner vs. other)	0.99 (0.94, 1.05)	0.783
Site (Indonesia vs. Ukraine)	1.33 (1.22, 1.45)	< 0.001
Site (Indonesia vs. Vietnam)	1.05 (1.01, 1.09)	0.027
Site (Ukraine vs. Vietnam)	0.79 (0.72, 0.86)	< 0.001

Table A6.
General Benefits—Partners

Predictor	Relative risk (95% CI)	P-value
Age (10-year increments)	1.07 (1.03, 1.11)	0.001
Arm (intervention vs. standard of care)	0.97 (0.90, 1.04)	0.329
Education (completed secondary school or beyond vs. did not complete secondary school)	0.99 (0.93, 1.06)	0.792
Employment status (employed full or part time vs. other)	1.00 (0.93, 1.07)	0.984
Homelessness (yes vs. no)	1.05 (0.89, 1.24)	0.545
Injection frequency (0-10 vs. 11-21)[*]	1.06 (0.98, 1.16)	0.152
Injection frequency (0-10 vs. 22 or more)[*]	1.07 (1.00, 1.15)	0.049
Injection frequency (11-21 vs. 22 or more)[*]	1.01 (0.93, 1.09)	0.850
Prior incarceration (yes vs. no)[#]	1.07 (0.92, 1.24)	0.375
Relationship status (married or living with sexual partner vs. other)	1.02 (0.96, 1.09)	0.518
Site (Indonesia vs. Ukraine)	1.69 (1.53, 1.88)	< 0.001
Site (Indonesia vs. Vietnam)	1.06 (1.01, 1.12)	0.027
Site (Ukraine vs. Vietnam)	0.63 (0.56, 0.70)	< 0.001