

Appendix: PSYCHOMETRIC PROPERTIES AND GENDER DIFFERENCES IN IPV

Table A1: Polychoric correlations between ordinal IPV items

	Control	Humiliate	Push, slap	Punch, strangle	Coerced touch	Forced touch	Coerced sex	Forced sex
Control	1							
Humiliate	.764	1						
Push, slap	.728	.812	1					
Punch, strangle	.727	.786	.923	1				
Coerced touch	.592	.570	.630	.589	1			
Forced touch	.591	.569	.677	.649	.923	1		
Coerced sex	.627	.598	.640	.591	.882	.827	1	
Forced sex	.593	.602	.742	.720	.812	.890	.854	1

Note. N=3,158. Response categories for all variables were 0=never, 1=once, 2=a few times, and 3=often. Full item descriptions are shown in Table 1.

Table A2: Exploratory factor analysis (total sample)

Item	Single factor solution		Two-factor solution (r=64.97%)		
	Factor 1	Uniqueness	Factor 1	Factor 2	Uniqueness
Control	.771	.406	-	.705	.344
Humiliate	.792	.373	-	.842	.249
Push, slap	.881	.224	-	.877	.106
Punch, strangle	.855	.269	-	.905	.127
Coerced touch	.870	.243	.951	-	.098
Forced touch	.891	.207	.913	-	.092
Coerced sex	.866	.251	.862	-	.156
Forced sex	.898	.193	.770	-	.147
Factor eigenvalue:	5.834		5.834	0.847	
Proportion of variance explained	.865		.865	.126	

Note. N=3,158. Method is principal factors using a polychoric correlation matrix. Two-factor solution uses oblique rotation (promax). Factor loadings <.4 are suppressed. Full item descriptions are shown in Table 1.

Table A3: Exploratory factor analysis (women only)

Item	Single factor solution		Two-factor solution (r=63.86%)		
	Factor 1	Uniqueness	Factor 1	Factor 2	Uniqueness
Control	.786	.382	-	.714	.322
Humiliate	.805	.351	-	.863	.220
Push, slap	.886	.215	-	.887	.096
Punch, strangle	.860	.260	-	.928	.106
Coerced touch	.858	.264	.948	-	.107
Forced touch	.878	.230	.929	-	.093
Coerced sex	.860	.261	.853	-	.162
Forced sex	.892	.205	.755	-	.158
Factor eigenvalue:	5.832		5.832	0.903	
Proportion of variance explained	.853		.853	.132	

Note. N=2,050 women. Method is principal factors using a polychoric correlation matrix. Two-factor solution uses oblique rotation (promax). Factor loadings <.4 are suppressed. Full item descriptions are shown in Table 1.

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Table A4: Exploratory factor analysis (men only)

Item	Single factor solution		Two-factor solution (r=59.60%)		
	Factor 1	Uniqueness	Factor 1	Factor 2	Uniqueness
Control	.790	.377	-	.751	.294
Humiliate	.749	.439	-	.896	.248
Push, slap	.869	.245	-	.739	.188
Punch, strangle	.776	.398	-	.934	.189
Coerced touch	.876	.233	.928	-	.086
Forced touch	.926	.142	.646	-	.132
Coerced sex	.822	.325	.876	-	.192
Forced sex	.822	.325	.992	-	.104
Factor eigenvalue:	5.518		5.518	1.049	
Proportion of variance explained	.690		.690	.131	

Note. N=1,108 men. Method is principal factors using a polychoric correlation matrix, forced to be positive definite. Two-factor solution uses oblique rotation (promax). Factor loadings <.4 are suppressed. Full item descriptions are shown in Table 1.

Table A5: Polychoric correlations between IPV impact items

	Frightened	Upset	Affect work	Sad	Anxious	Depressed	Substance use	Angry	No effect	Loved	Funny
Frightened	1										
Upset	.717	1									
Affect work	.621	.721	1								
Sad	.663	.893	.799	1							
Anxious	.701	.693	.724	.631	1						
Depressed	.646	.732	.776	.778	.747	1					
Substance use	.379	.400	.480	.406	.452	.531	1				
Angry	.343	.660	.318	.558	.401	.426	.297	1			
No effect	-.627	-.862	-.590	-.820	-.686	-.678	-.264	-.631	1		
Loved	-.178	-.468	-.162	-.376	-.148	-.164	-.018	-.301	.419	1	
Funny	-.478	-.522	-.318	-.422	-.472	-.454	-.093	-.392	.639	.432	1

Note. N=1,092. Participants only responded if they had experienced any IPV victimisation. Response categories for all variables were 0=no, 1=yes. Full item descriptions are shown in Table 2.

Table A6: Age of occurrence among those who had experienced IPV

Item	Total N	N (%)		
		Under 18	Over 18	Both
Told you who you could see and where you could go and/or regularly checked what you were doing and where you were (by phone or text)	953	201 (21.09)	569 (59.71)	183 (19.20)
Made fun of you, called you hurtful names, shouted at you	1,022	171 (16.73)	666 (65.17)	185 (18.10)
Used physical force such as pushing, slapping, hitting or holding you down	743	137 (18.44)	468 (62.99)	138 (18.57)
Used more severe physical force such as punching, strangling, beating you up, hitting you with an object	481	70 (14.55)	293 (60.91)	118 (24.53)
Pressured you into kissing/touching/something else	569	109 (19.16)	337 (59.23)	123 (21.62)
Physically forced you into kissing/touching/something else	437	74 (16.93)	255 (58.35)	108 (24.71)
Pressured you into having sexual intercourse	631	135 (21.39)	371 (58.80)	125 (19.91)
Physically forced you into having sexual intercourse	413	65 (15.74)	244 (59.08)	104 (25.18)