

Level-1 model:

$$\text{logit}(IPV_{ij}) = \beta_{0j} + \beta_{1j}IPV \text{ Attitudes}_{ij} + \beta_{2j}Covariates \quad (1)$$

where $\text{logit}(IPV_{ij})$ represents the log-odds of experiencing IPV for woman i in province j . β_{0j} is the intercept, capturing the average log-odds of IPV when IPV attitudes and covariates are zero. β_{1j} represents the change in log-odds of IPV for a one-unit increase in IPV attitudes. β_{2j} represents the change in log-odds of IPV for a one-unit increase in Covariates.

Level-2 model:

$$\beta_{0j} = \gamma_{00} + \gamma_{01}Conflicts_j + \mu_{0j} \quad (2)$$

$$\beta_{1j} = \gamma_{10} + \gamma_{11}Conflicts_j \quad (3)$$

$$\beta_{2j} = \gamma_{20} \quad (4)$$

where γ_{00} is the overall intercept, capturing the average log-odds of IPV when all predictors are zero. γ_{01} represents how the intercept (β_{0j}) varies across provinces due to the influence of conflict levels ($Conflicts_j$). μ_{0j} is the random effect, accounting for unobserved variations in the intercept across provinces. γ_{10} is the overall slope for IPV Attitudes. γ_{11} represents how the slope (β_{1j}) for IPV Attitudes varies across provinces due to conflict levels. γ_{20} is the overall slope for Covariates.

The full model:

$$\text{logit}(IPV_{ij}) = \gamma_{00} + \gamma_{01}Conflicts_j + \gamma_{10}IPV \text{ Attitudes}_{ij} + \gamma_{11}Conflicts_j * IPV \text{ Attitudes}_{ij} + \gamma_{20}Covariates_{ij} + \mu_{0j} \quad (5)$$

This full model combines both Level-1 and Level-2 equations, allowing for an understanding of how the individual and provincial factors jointly influence the log odds of experiencing IPV. The interaction term $Conflicts_j * IPV \text{ Attitudes}_{ij}$ captures how the relationship between IPV attitudes and IPV experiences varies across provinces with different conflict levels.

Table S1. Husband characteristics of the sample.

Variables	Total sample Mean (SD) / %	Not justified Mean (SD) / %	Justified Mean (SD) / %	<i>P-value</i>
Husband's age	33.83 (8.31)	33.79 (8.28)	33.82 (8.31)	0.5666
Husband's education				0.001
Illiterate	54.67	55.92	54.34	
Primary	13.90	12.14	14.36	
Middle	23.37	21.92	23.66	
Higher	6.91	8.99	6.57	
Husband's occupation				0.001
Agriculture	30.70	28.05	31.46	
Services	15.79	17.55	15.40	
Manual	30.84	29.20	31.02	
Profession	22.41	25.14	21.95	

Note: For husbands' occupation, Agriculture refers to agricultural, self-employed/employee; Services refers to services and sales; Manual refers to skilled and unskilled manual; Profession refers to professional, technical, managerial, and clerical.

Table S2. Multilevel logistic regression on the association between armed conflict and experience of IPV (includes covariates relate to husband: age, education, and occupation).

Variables	Any IPV		Emotional IPV		Physical IPV		Sexual IPV	
	OR	S.E.	OR	S.E.	OR	S.E.	OR	S.E.
Armed conflicts	1.279	(0.183)	1.320*	(0.166)	1.308*	(0.176)	1.324**	(0.127)
IPV attitudes								
Not justified (ref.)								
Justified	1.150	(0.209)	1.005	(0.183)	1.440*	(0.260)	1.224	(0.256)
Armed conflicts # IPV attitudes	1.141*	(0.067)	1.144*	(0.067)	1.072	(0.062)	0.992	(0.065)
Age	0.925**	(0.023)	0.847***	(0.020)	0.922***	(0.023)	0.753***	(0.018)
Age ²	1.001***	(0.000)	1.003***	(0.000)	1.001**	(0.000)	1.004***	(0.000)
Ethnicity								
Pashtun (ref.)								
Tajik	0.871	(0.070)	0.892	(0.065)	0.865	(0.067)	0.884	(0.066)
Hazara	0.847	(0.103)	0.944	(0.106)	0.801	(0.096)	0.747*	(0.085)
Uzbek	0.783	(0.099)	0.838	(0.108)	0.763*	(0.096)	1.031	(0.141)
Others	1.005	(0.117)	0.940	(0.107)	0.990	(0.113)	1.115	(0.132)
Education								
Illiterate (ref.)								
Primary	0.971	(0.098)	0.997	(0.096)	0.982	(0.097)	1.135	(0.114)
Middle	0.853	(0.092)	0.864	(0.090)	0.927	(0.099)	0.955	(0.105)
Higher	0.591*	(0.122)	0.729	(0.149)	0.582**	(0.121)	0.762	(0.176)
Access to media								
Not at all (ref.)								
Less than once in a week	1.385***	(0.122)	1.092	(0.086)	1.367***	(0.117)	1.119	(0.092)
At least once in a week	0.960	(0.062)	1.033	(0.063)	0.961	(0.061)	1.132*	(0.071)
Residence								
Rural (ref.)								
Urban	0.922	(0.070)	0.973	(0.071)	0.893	(0.066)	1.039	(0.080)

Household wealth	0.922**	(0.024)	0.941*	(0.023)	0.909**	(0.024)	0.912**	(0.023)
U5 children	1.343***	(0.024)	1.347***	(0.022)	1.345***	(0.024)	1.478***	(0.024)
Husband age								
15-39 (ref.)								
≥40	1.064	(0.085)	1.240**	(0.094)	1.045	(0.082)	1.152	(0.094)
Missing	0.515	(0.203)	0.724	(0.284)	0.585	(0.228)	0.636	(0.269)
Husband education								
No education (ref.)								
Primary	0.889	(0.066)	0.924	(0.064)	0.893	(0.064)	1.018	(0.073)
Secondary	0.981	(0.066)	0.977	(0.061)	1.022	(0.067)	1.118	(0.072)
Higher	0.733**	(0.084)	0.852	(0.093)	0.760*	(0.085)	0.932	(0.105)
Missing	1.072	(0.257)	1.205	(0.265)	0.999	(0.231)	1.356	(0.301)
Occupation								
Agriculture (ref.)								
Services	0.839*	(0.067)	0.914	(0.068)	0.839*	(0.066)	0.919	(0.071)
Manual	0.935	(0.064)	0.950	(0.060)	0.913	(0.061)	0.905	(0.059)
Professional/ clerical	0.878	(0.070)	0.956	(0.071)	0.875	(0.068)	1.052	(0.080)
Missing	0.457	(0.263)	0.500	(0.285)	0.571	(0.327)	0.837	(0.477)
Constant	1.361	(0.802)	2.487	(1.322)	1.131	(0.638)	7.225**	(3.386)

Note: IPV = Intimate Partner Violence; OR = Odds Ratio; S.E. = Standard Error; U5 children = Number of under five years old children in the household; *** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$