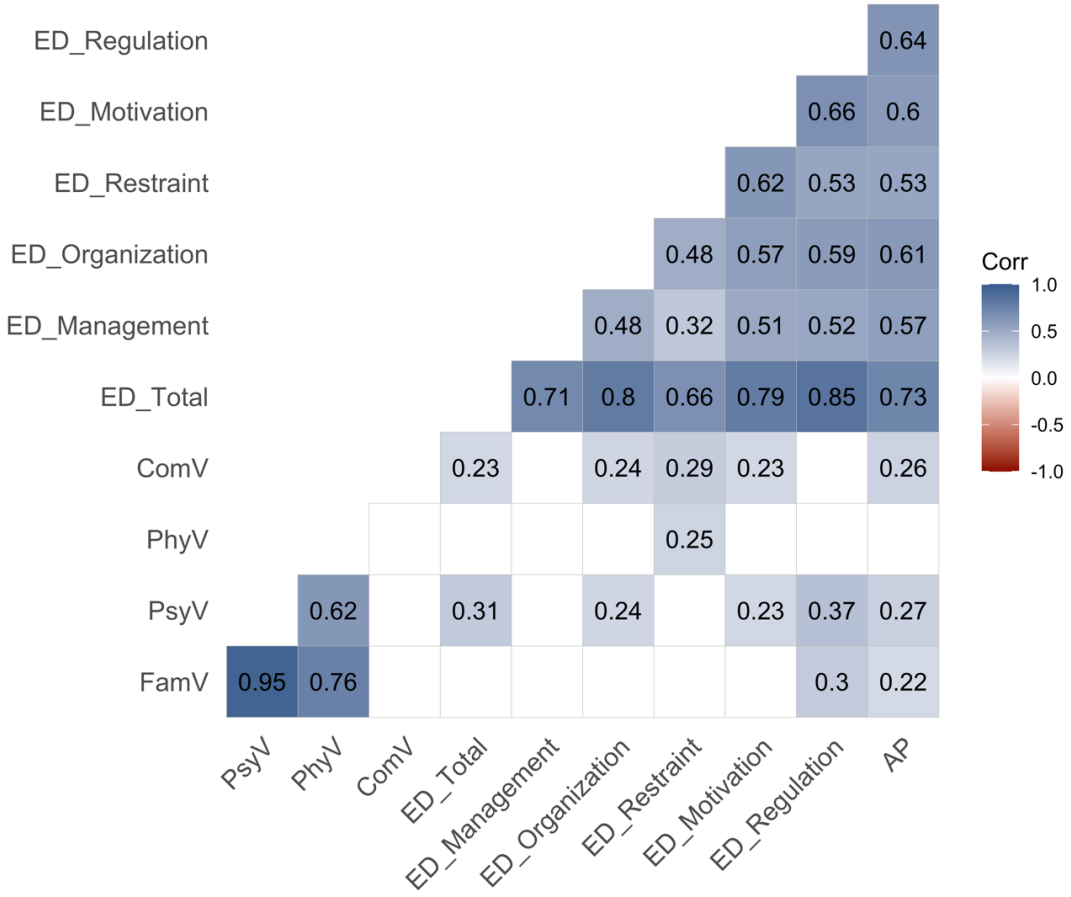
http://doi.org/10.47626/1516-4446-2025-4500

Supplementary Table S1 Socioeconomic and violence profiles of participants retained in the cohort

Variable	2005 (baseline)	2022 (final sample analyzed)
N (retained)	500	86
% Sex (male)	51.6%	43.0%
% Age < 9 years in the first grade of elementary school at the beginning of the study	74.6%	88.4%
% Skin color (non-White)	66.3%	72.6%
% Social stratum (lower)	96.5%	83.1%
Mean family violence	8.8	1.0
Mean psychological family violence	5.8	1.0
Mean physical family violence	2.9	0.12
Mean community violence	0.7	5.3

http://doi.org/10.47626/1516-4446-2025-4500

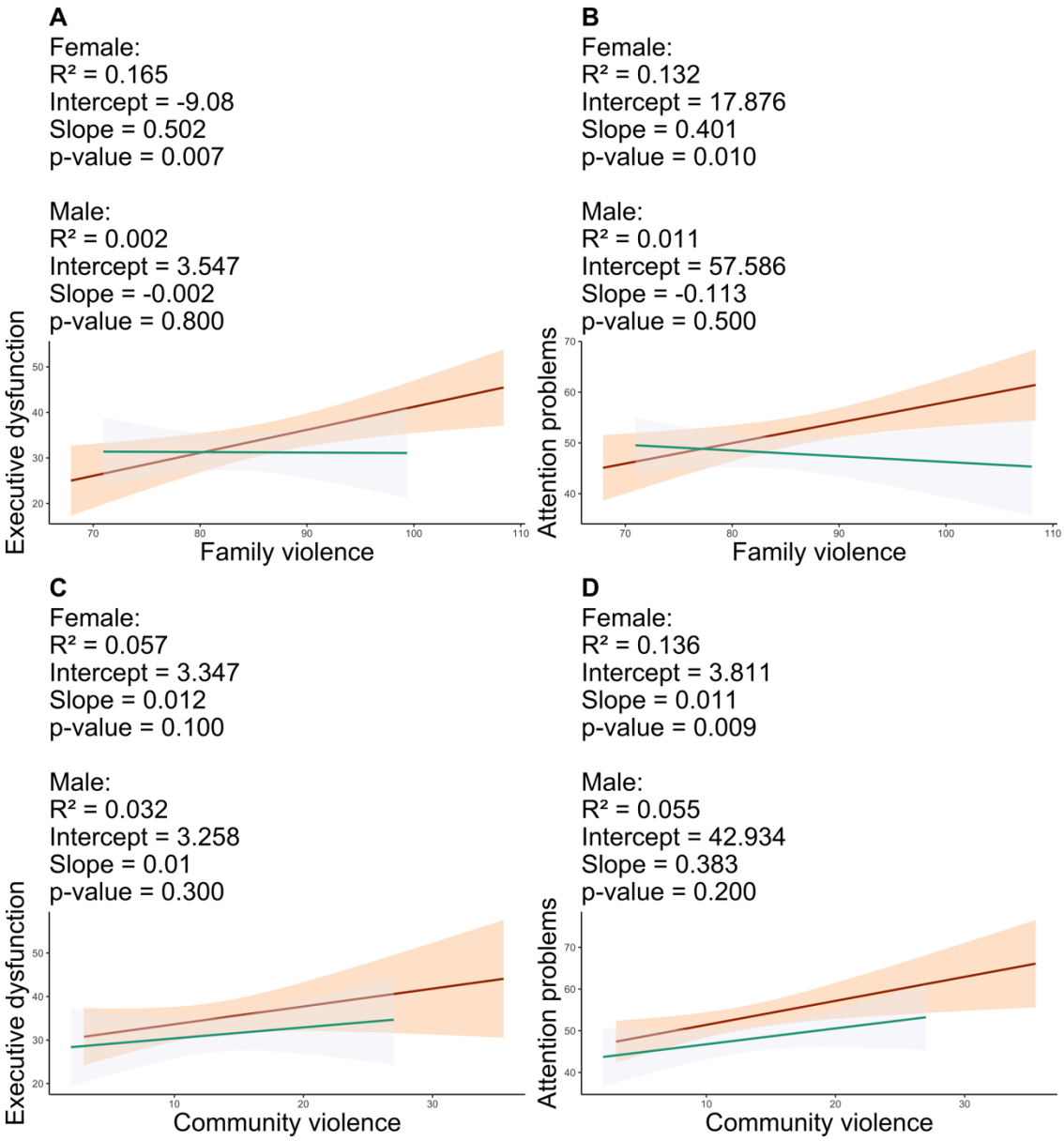
Supplementary Figure S1 Spearman's correlation between FamV, PsyV, PhyV, ComV, ED (scale and subscales), and AP (N=86)



AP = attention problems; ComV = community violence; ED = executive dysfunction; FamV = family violence; PhyV = physical family violence; PsyV = psychological family violence.

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Supplementary Figure S2 Linear regression models with executive dysfunction, attention problems, family violence, and community violence for each sex



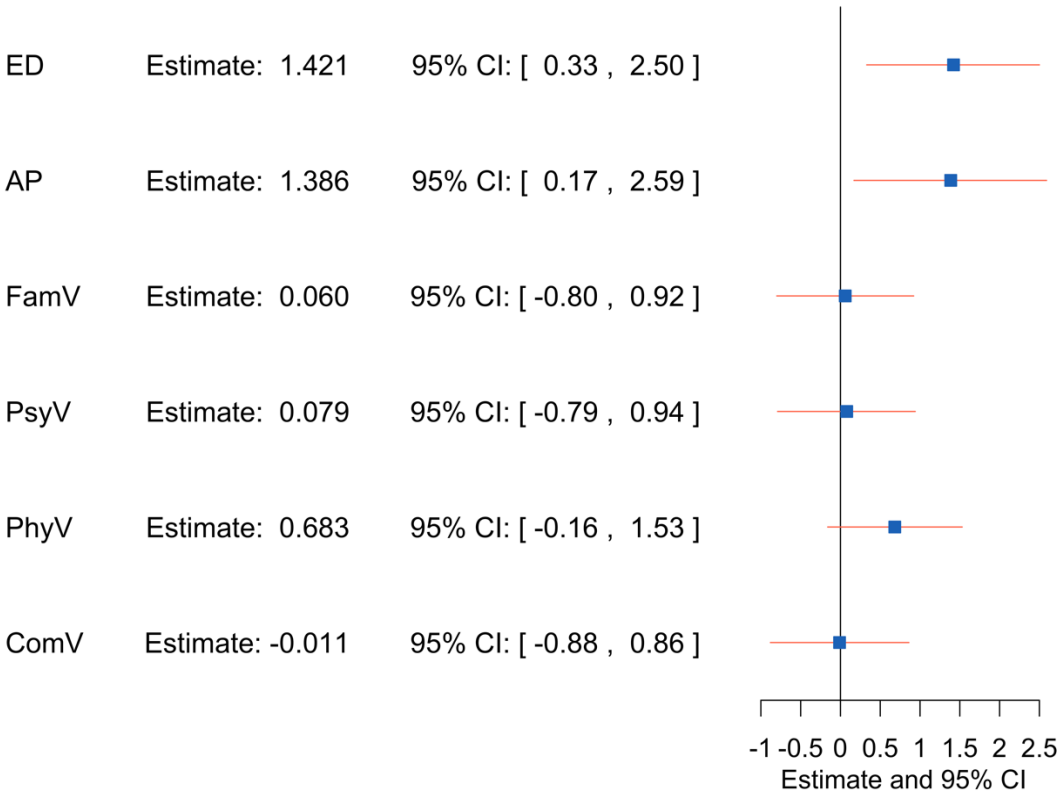
A) Executive dysfunction and family violence. B) Attention problems and family violence. C) Executive dysfunction and community violence. D) Attention problems and community violence.

Supplementary Table S2 Linear regression models including executive dysfunction, attention problems, family violence (1) and community violence (2)

	Executive dysfunction			Attention problems		
Term	**Estimate**	**SE**	**p-value**	**Estimate**	**SE**	**p-value**
(1) Intercept	2.77	0.08	**<0.001*** **	5.95	0.70	**<0.001*** **
Family violence	0.01	0.004	0.08	0.01	0.009	0.18
Family violence: sex	0.001	0.001	0.29	0.004	0.002	**0.047***
(2) Intercept	3.32	0.08	**<0.001*** **	6.7	0.17	**<0.001*** **
Community violence	0.006	0.006	0.33	0.02	0.01	0.15
Community violence: sex	0.007	0.005	0.14	0.03	0.01	**0.01***

* p < 0.05; *** p < 0.001.

Supplementary Figure S3 Linear regression model of AAR with categorized variables, violence (FamV, PsyV, PhyV, ComV), AP, and ED, 95%CI



AAR = age acceleration residual; AP = attention problems; ComV = community violence; ED = executive dysfunction; FamV = family violence; PhyV = physical family violence; PsyV = psychological family violence.

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Supplementary Table S3 Linear regression models of age acceleration residuals, executive dysfunction (1) and attention problems (2), and biological sex (male as reference category)

	Age acceleration residuals			
Term	**Estimate**	**SE**	**t-value**	**p-value**
(1) Intercept	-1.21	0.32	-3.8	**< 0.001*** **
Presence of executive dysfunction	1.42	0.55	2.6	**0.01***
Sex (female)	1.68	0.42	4.0	**< 0.001*** **
(2) Intercept	-1.08	0.30	-3.6	**< 0.001*** **
Presence of attention problems	1.39	0.61	2.3	**0.03***
Sex (female)	1.61	0.39	4.1	**< 0.001*** **

* $p < 0.05$; *** $p < 0.001$.