Supplemental Online Content

Piolanti A, Jouriles EN, Foran HM. Assessment of psychosocial programs to prevent sexual violence during adolescence: a systematic review and meta-analysis. *JAMA Netw Open*. 2022;5(11):e2240895. doi:10.1001/jamanetworkopen.2022.40895

eMethods.

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This supplemental material has been provided by the authors to give readers additional information about their work.

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eMethods.

Literature Search	
PubMed	(“Sex Offenses” [Mesh] OR "Rape"[Mesh] OR “Sexual Violence” OR “Sexual Harassment” [Mesh] OR “Sexual Abuse”) AND ("Program Evaluation"[Mesh] OR Randomized or Randomized Trial or RCT) Filter: Randomized Controlled Trials
PsycINFO/Eric/PsycArticles	(Sexual Abuse.sh OR Sexual Violence.mp OR Rape.sh OR Sexual Abuse.mp OR Sexual Harassment.sh) AND (Randomized.mp OR Randomized Trial.mp or RCT.mp)
Web Of Science	(TS=(“Sexual Violence” OR “Sexual Abuse” OR Rape OR “Sexual Harassment”) OR TI=(“Sexual Violence” OR “Sexual Abuse” OR rape OR “Sexual Harassment”) OR AB=(“Sexual Violence” OR “Sexual Abuse” OR Rape OR “Sexual Harassment”)) AND (TS=(Randomized or RCT OR “Randomized Trial”) OR TI=(Randomized OR RCT OR “Randomized Trial”) OR AB=(Randomized OR RCT OR “Randomized Trial”))

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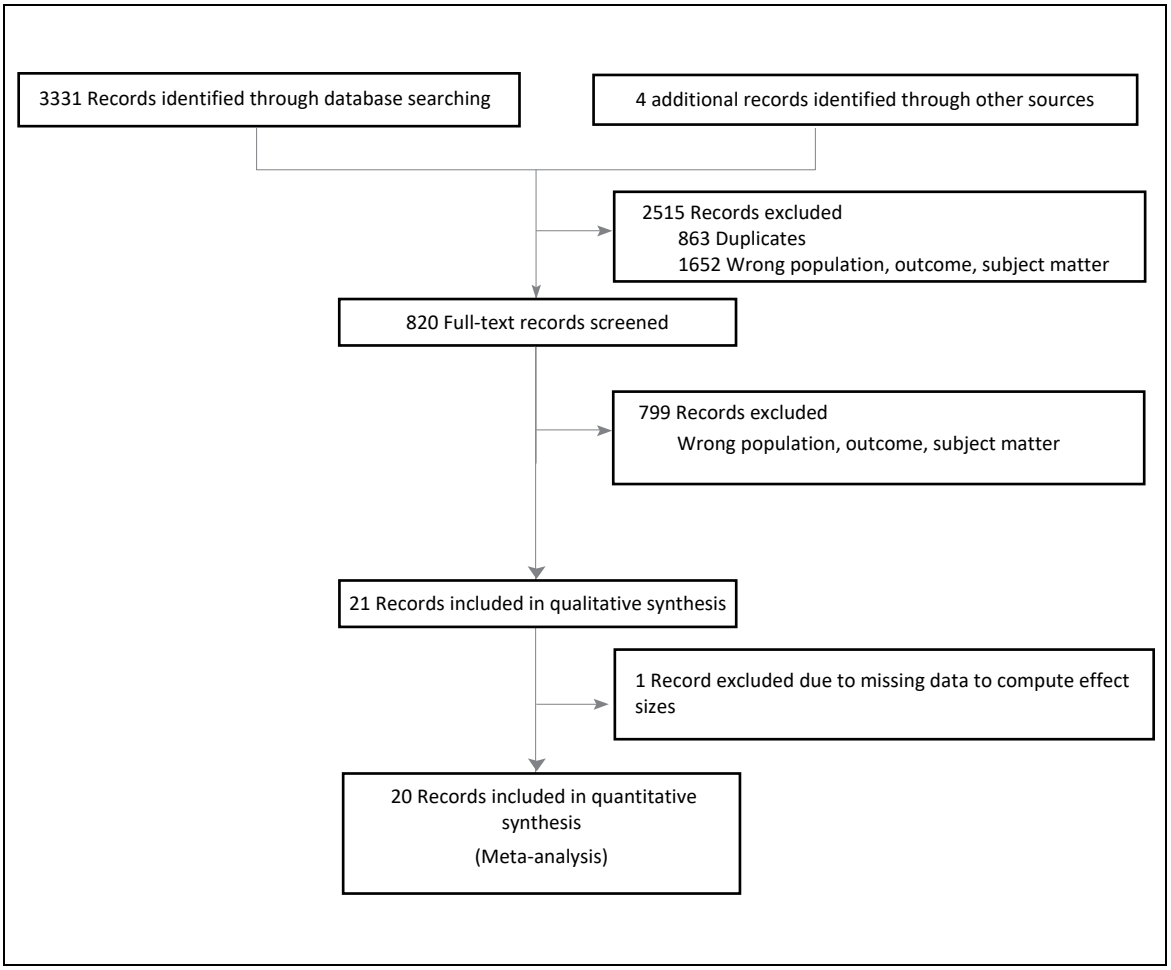
eFigure 1. Flowchart of Included Studies



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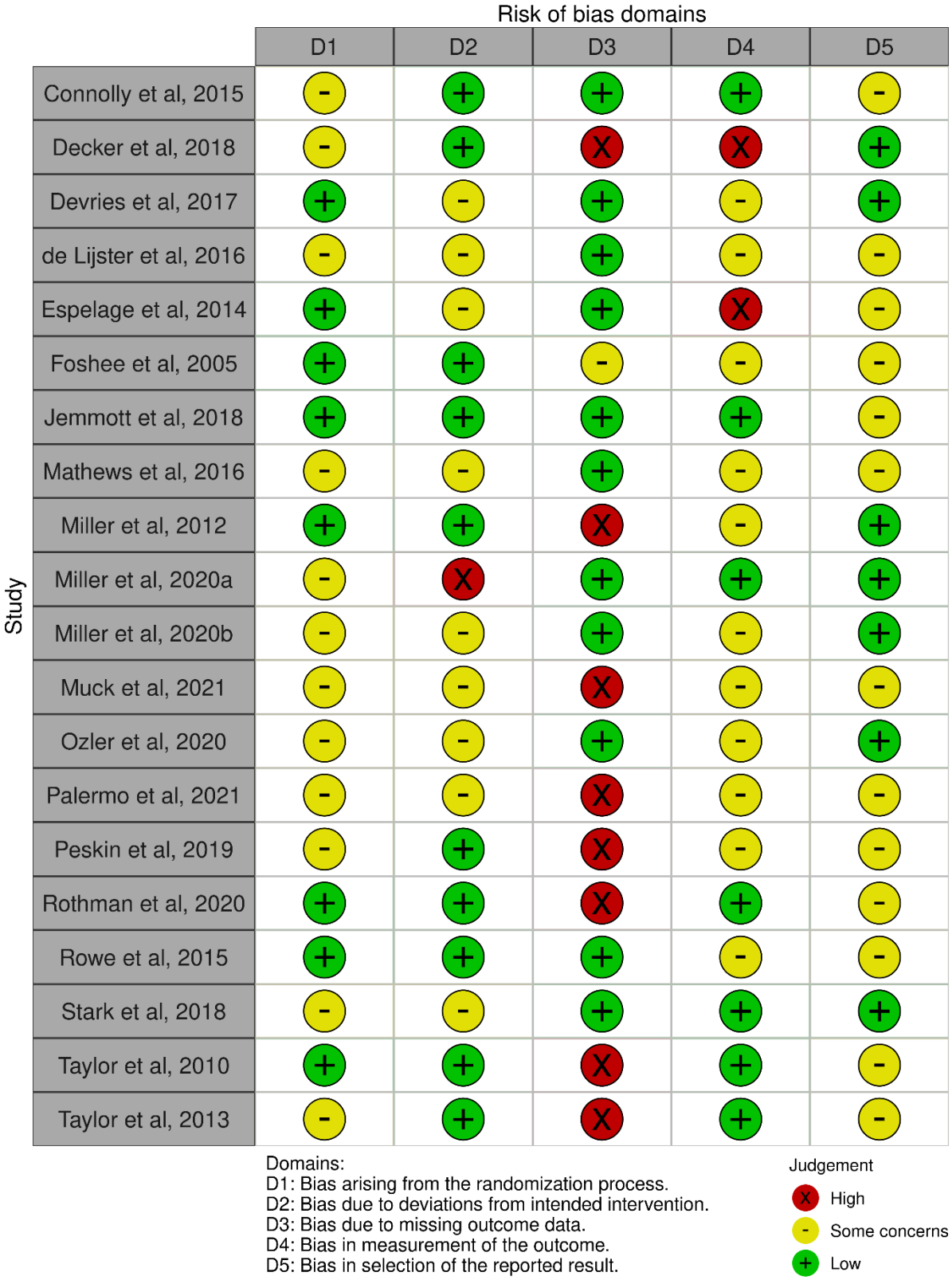
eFigure 2. Risk of Bias Assessment



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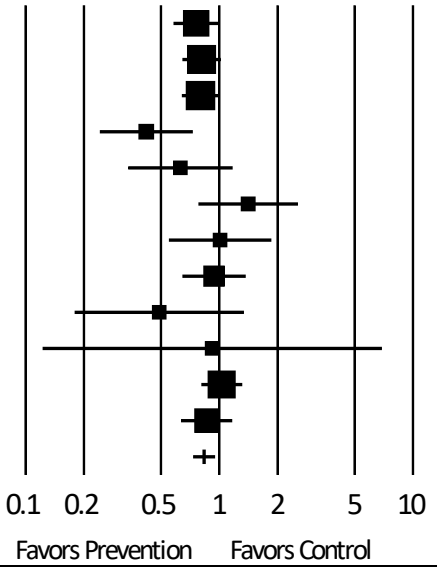
eFigure 3. Efficacy of Prevention Programs on Perpetration of Sexual Violence

Study name	N	Odds ratio (95% CI)	Relative Weight
de Lijster et al,[27] 2016	815	0.76 (0.58 – 0.99)	13.43
Espelage et al,[28] 2014	3658	0.81 (0.65 - 1.01)	16.20
Foshee et al,[29] 2005	2344	0.80 (0.64 - 0.99)	16.73
Jemmott et al,[30] 2018	1057	0.42 (0.24 - 0.73)	4.63
Miller et al,[32] 2012	2006	0.63 (0.34 - 1.17)	3.77
Miller et al,[33] 2020	866	1.41 (0.78 - 2.54)	4.11
Miller et al,[34] 2020	973	1.01 (0.55 - 1.85)	3.89
Muck et al,[35] 2021	681	0.94 (0.65 - 1.36)	8.62
Peskin et al,[38] 2019	1760	0.49 (0.18 - 1.34)	1.54
Rothman et al,[39] 2020	220	0.92 (0.12 - 6.89)	0.40
Taylor et al,[42] 2010	1639	1.03 (0.81 - 1.31)	15.14
Taylor et al,[43] 2013	2655	0.86 (0.64 - 1.16)	11.56
OR; P = .005; I^2 = 28.4%	18674	0.83 (0.73 - 0.95)	



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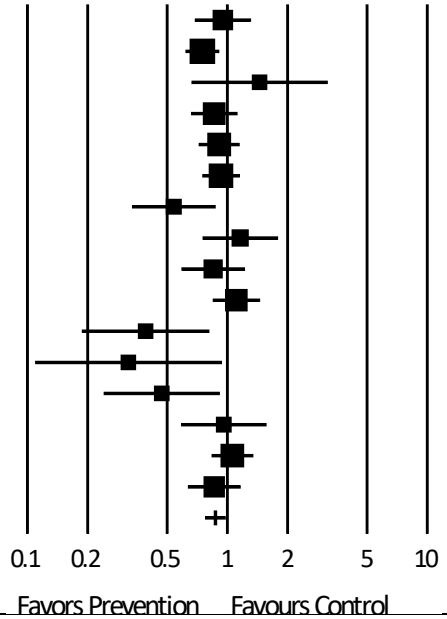
eFigure 4. Efficacy of Prevention Programs on Experience of Sexual Violence

Study name	N	Odds ratio (95% CI)	Relative Weight
Connolly et al,[24] 2015	509	0.95 (0.69 - 1.31)	7.18
Decker et al,[25] 2018	7832	0.75 (0.62 - 0.91)	11.08
Devries et al,[26] 2017	3706	1.45 (0.66 - 3.17)	1.93
de Lijster et al,[27] 2016	815	0.86 (0.66 - 1.12)	8.70
Espelage et al,[28] 2014	3658	0.91 (0.72 - 1.15)	9.65
Foshee et al,[29] 2005	2344	0.93 (0.75 - 1.15)	10.32
Jemmott et al,[30] 2018	1057	0.54 (0.33 – 0.87)	4.28
Mathews et al,[31] 2016	3451	1.16 (0.75 – 1.79)	4.96
Muck et al,[35] 2021	681	0.85 (0.59 – 1.22)	6.21
Ozler et al,[36] 2020	1216	1.11 (0.85 – 1.45)	8.53
Palermo et al,[37] 2021	904	0.39 (0.19 – 0.81)	2.17
Peskin et al,[38] 2019	1760	0.32 (0.11 – 0.94)	1.09
Rowe et al,[40] 2015	83	0.47 (0.24 – 0.92)	2.54
Stark et al,[41] 2018	919	0.96 (0.59 – 1.57)	4.15
Taylor et al,[42] 2010	1639	1.06 (0.84 – 1.34)	9.55
Taylor et al,[43] 2013	2655	0.86 (0.64 – 1.16)	7.66
OR; P = .02; I^2 = 45.1%	33229	0.87 (0.78 – 0.98)	



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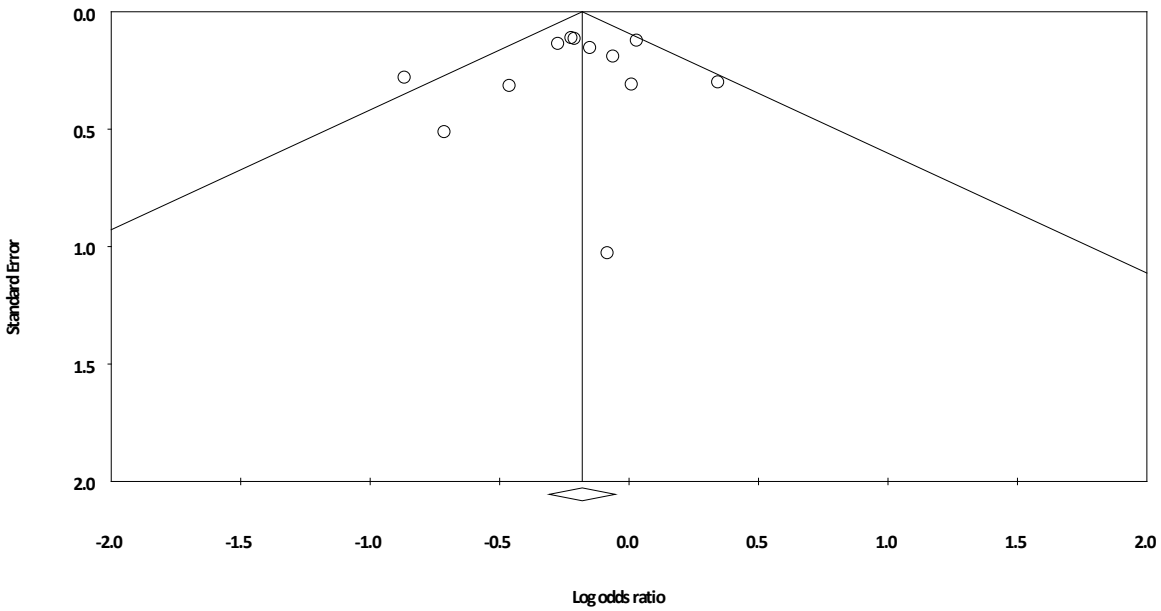
eFigure 5. Funnel Plot for Perpetration of Sexual Violence



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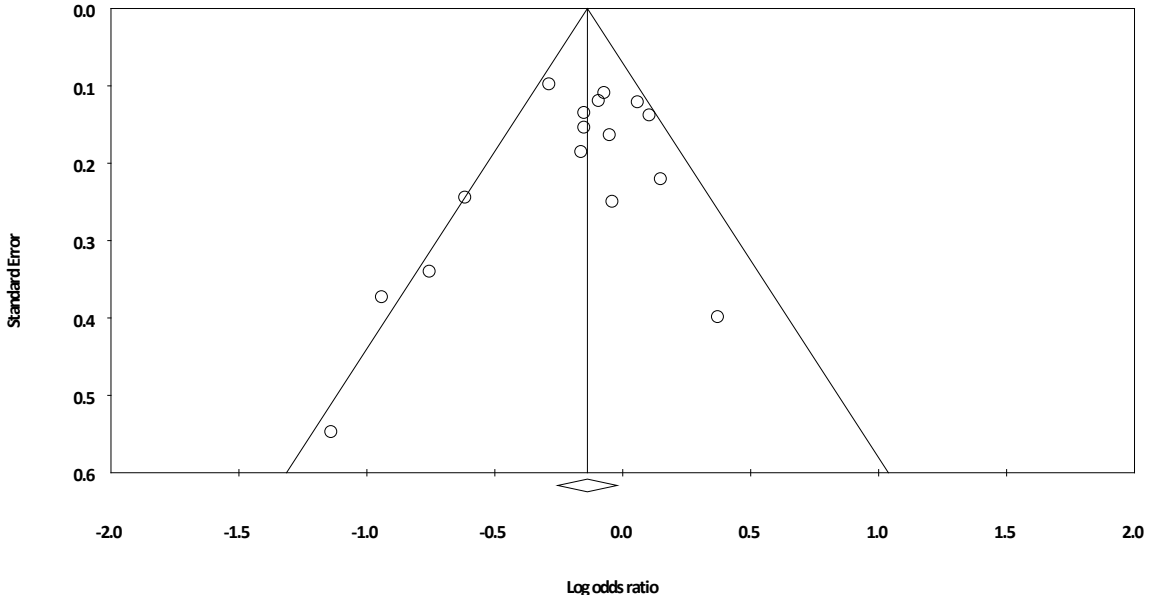
eFigure 6. Funnel Plot for Experience of Sexual Violence



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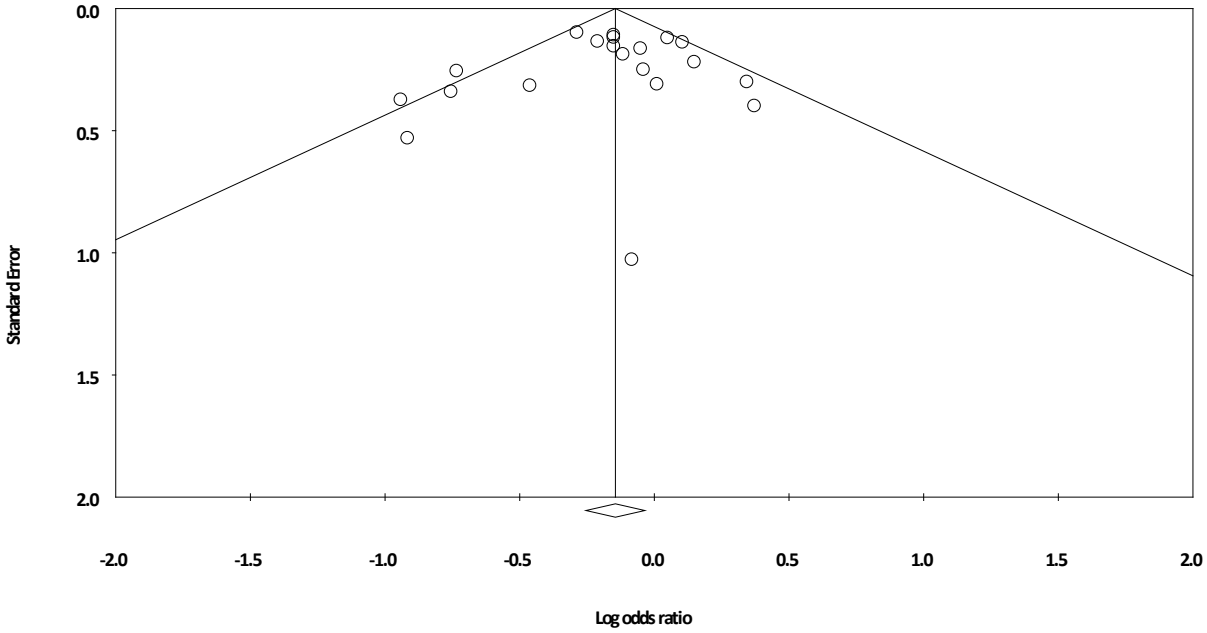
eFigure 7. Funnel Plot for Any Sexual Violence



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