

Records identified through database searching (n=4919), including

- Embase (n=1342)
- Medline (n=909)
- PsycINFO (n=1802)
- Pubmed (n=866)

Additional identified through other sources (N=26)

Records after duplicates removed (n=2772)

Records screened (n=2772)

Records excluded (n=2601)

Full-text articles assessed for eligibility (n=171)

Full-text articles excluded (n=155), with reasons:

- No application of Quasi-Experimental designs (n=91)
- No defined measure for bullying victimization, e.g. general victimization only (n=28)
- Twin study including ACE model (n=13)
- No bullying-associated outcome data reported (n=7)
- Twin design only applied in dizygotic twins (n=6)
- Duplicate (analysis reported elsewhere) (n=5)
- No population study (n=3)
- Bullying victimization is outcome but not predictor (n=2)

Studies included in the meta-analysis (n=16)