Potential relevant citations identified through search strategy

N=956
(excluding duplicate citations)

Articles retrieved for full text screening

N= 141

Articles included in the quality appraisal

N=55

Excluded: 815
- after first screen of titles and abstracts due to wrong design (no quantitative survey), wrong study population (children or adolescents), or wrong outcome (no HIV-continuum of care)

Excluded: 86
- after full screen due to wrong design (no quantitative survey), wrong explanatory variables (no socio-cultural variables other than socio-demographic or socio-economic), wrong outcomes (no effects estimates)

Excluded: 21
- analysis did not deal with confounders

Articles included in the review

N=34