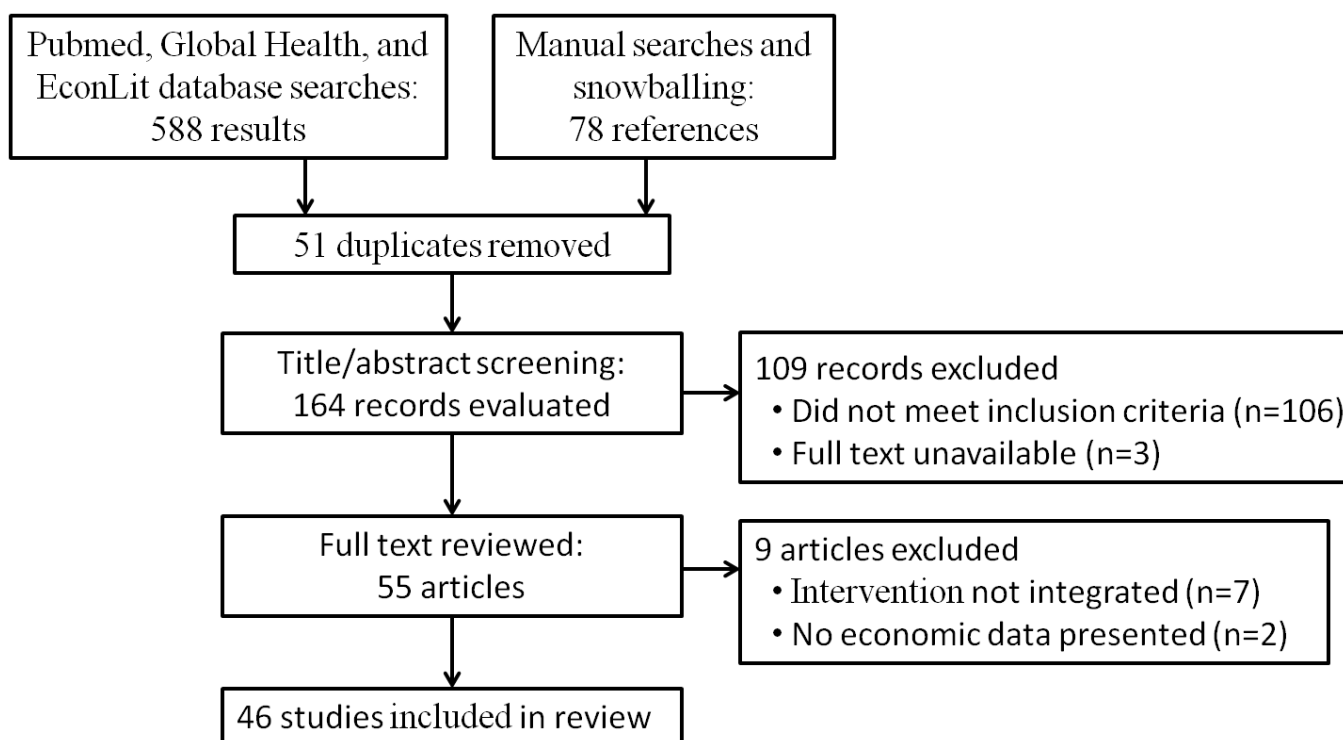


FIGURE W1: STUDY SELECTION PROCESS



Box W1: Database Search Strategy

PubMed Search #1:

(((AIDS[sb])) OR ("Acquired Immunodeficiency Syndrome"[Mesh] OR "HIV"[Mesh])) AND ("Costs and Cost Analysis"[Mesh])) AND (integration OR integrated OR integrate OR converge OR convergence OR linkage OR linkages OR coordinated OR coordination OR coordinate OR vertical OR scope OR synergies[Title/Abstract])"

PubMed Search #2:

“((((“Acquired Immunodeficiency Syndrome”[Majr] OR “HIV”[Majr])) OR (AIDS[sb]))) AND (((“Reproductive Health Services”[Majr] OR “Family Planning Services”[Majr] OR “Maternal Health Services”[Majr] OR “Tuberculosis”[Majr])) AND (“Costs and Cost Analysis”[Mesh])”

Eldis / Global Health / Econlit Search:

(integrat* or converg* or linkage\$ or linked or coordinat* or vertical or scope [Title]) AND (efficien* or cost-effective* or cost-benefit or economic*) AND (HIV or AIDS) AND (program or programme or care or campaign or intervention or service).

**TABLE W1 STUDY
QUALITY**

	Peer Reviewed vs. Grey Literature	Types of Studies	Clearly Described Alternatives?	Source of Effectiveness Estimates	Costing Scale	Costs Empirical or Modeled?	All Relevant Costs Included?	Sensitivity Analysis Conducted?
VCT Studies	10 peer reviewed 7 grey literature	4 CEA 13 cost analyses	5 stand-alone alternatives 4 'do nothing' alternatives 8 studies with no comparator	12 studies with no outcomes considered 2 outcomes modelled from study outputs 3 outcomes modelled	2 national models 14 small scale / pilot studies 1 small sample of an at-scale programme costed	13 empirical 1 modelled from study data 3 modelled	3 no 14 yes	11 studies with no sensitivity analysis 3 univariate sensitivity analysis 1 multivariate sensitivity analysis 1 univariate and multivariate sensitivity analysis 1 sensitivity analysis not shown
TB Studies	9 peer reviewed	5 CEA 3 cost analyses 1 least-cost analysis	5 'do nothing' alternatives 2 programmatic variations 2 studies with no comparator	2 studies with no outcomes considered 1 intermediate outputs measured empirically 3 outcomes modelled from study outputs 3 outcomes modelled	3 hypothetical patient cohorts 6 small scale / pilot studies	3 empirical 3 modelled from study data 3 modelled	2 not clear 7 yes	1 studies with no sensitivity analysis 4 univariate sensitivity analysis 1 multivariate sensitivity analysis 2 univariate and multivariate sensitivity analysis 1 sensitivity analysis not shown
HIV Care and Treatment studies	16 peer reviewed 2 grey literature	9 CEA 9 cost analyses	1 stand-alone alternative 9 'do nothing' alternatives 3 programmatic variations 5 studies with no comparator	8 studies with no outcomes considered 4 outcomes modelled 5 outcomes modelled from study outputs 1 intermediate outputs measured empirically	3 national models 2 hypothetical patient cohorts 7 small scale / pilot studies 6 small samples of at-scale programmes costed	7 empirical 4 modelled from study data 7 modelled	3 not clear 15 yes	7 studies with no sensitivity analysis 2 sensitivity analysis unclear 2 univariate sensitivity analyses 2 multivariate sensitivity analyses 5 univariate and multivariate sensitivity analyses
FP Studies	2 peer reviewed 2 grey literature	1 CEA 3 cost analyses	4 'do nothing' alternatives	1 studies with no outcomes considered 3 outcomes modelled	4 national models	4 modelled	4 not clear	3 studies with no sensitivity analysis 1 sensitivity analysis not shown
High-Risk Group Studies	3 peer reviewed	1 CEA 2 cost analyses	3 stand-alone alternatives	2 studies with no outcomes considered 1 outcomes empirically measured	3 small scale / pilot studies	3 empirical	1 no 2 yes	2 studies with no sensitivity analysis 1 sensitivity analysis not shown

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