

Study	Blinding of researcher/clinician	Selection of study population	Completeness of data	Origin of data	Clear definition of outcome	Confounders taken into account?
Abaasa, AM; et al; 2008	Low	Unclear	Low	High	Low	Low
Abah, IO; et al; 2014	Unclear	Unclear	Low	High	Low	Low
Aboubacrine, S; et al; 2007	Low	Low	Low	Low	Low	Low
Adewuya, AO; et al; 2010	Unclear	Low	Low	High	Low	Low
Afolabi, MO; et al; 2009	Unclear	Low	Low	Low	Low	Low
Alakija, KS; et al; 2010	Unclear	Unclear	Low	Low	Low	Unclear
Alemu, H; et al; 2011	Unclear	Low	Low	Low	Low	Low
Amberbir, A; et al; 2008	Unclear	Unclear	Low	Unclear	Low	Low
Bajunirwe, F; et al; 2009	Unclear	Unclear	Low	Low	Low	Low
Bastard, M; et al; 2011	Unclear	Unclear	Low	Low	Low	Unclear
Belenky, NM; et al; 2014	Unclear	Low	Low	Low	Low	Low
Beyena, KA; et al; 2009	Unclear	Low	Low	Low	Low	Unclear
Bhat, VG; et al; 2010	Unclear	Unclear	Low	Low	Low	Low
Bhengu, BR; et al; 2011	Unclear	Unclear	Low	Low	Low	Low
Birbeck, GL; et al; 2011	Unclear	Unclear	Low	Low	Low	Low
Birbeck, G; et al; 2009	Unclear	Low	Unclear	High	Low	Low
Boyer, S; et al; 2011	Unclear	Low	Low	Low	Low	Low
Brinkley-Rubinstein, L; et al; 2013	Unclear	Unclear	Low	High	Low	Low
Byakika-Tusiime, J; et al; 2005	Unclear	Unclear	Low	Low	Low	Low
Carlucci, J; et al; 2008	Unclear	Unclear	Low	Low	Low	Low
Charurat, M; et al; 2010	Unclear	Low	Unclear	High	Low	Low
Chi, BH; et al; 2009	Unclear	Low	Low	High	Low	Unclear
Diabaté, S; et al; 2007	Unclear	Unclear	Unclear	Low	Low	Unclear
Do, N; et al; 2010	Unclear	Low	Low	Low	Unclear	Unclear
Eholié, S; et al; 2007	Unclear	Unclear	Low	High	Low	Unclear
Ekwunife, O; et al; 2012	Unclear	Unclear	Low	Low	Unclear	Unclear
Elul, B; et al; 2013	Unclear	Low	Low	Low	Low	Low
Erah, P; Arute J; 2008	Unclear	Unclear	Low	Low	Low	Low
Etard, J-F; et al; 2007	Unclear	Unclear	Low	Low	Low	Unclear
Etienne, M; et al; 2010	Unclear	Unclear	Unclear	Low	Low	Low

Falang, KD; et al; 2012	Unclear	Low	Low	Low	Low	Low
Ford, N; et al; 2010	Unclear	Unclear	Low	Low	Low	Low
Garang, PG; et al; 2009	Unclear	Low	Unclear	Low	Unclear	Low
Goldman, JD; et al; 2008	Unclear	Unclear	Low	Unclear	Low	Unclear
Graham, SM; et al; 2013	Unclear	Low	Low	Low	Low	Unclear
Habib, A; et al; 2009	High	Unclear	Low	Low	Low	Unclear
Hegazi, A; et al; 2010	Unclear	Unclear	Low	High	Low	Unclear
Idindili, B; et al; 2012	High	Unclear	Low	Low	Low	Low
Jaquet, A; et al; 2010	Unclear	Low	Low	Low	Low	Low
Jones, D; et al; 2014	Unclear	Unclear	Low	Low	Low	Low
Kebede, A; Wabe, N; 2012	Unclear	Unclear	Low	Low	Low	Unclear
Kekwaletswe, C; Morojele, N; 2014	Unclear	Unclear	Low	Low	Low	Low
Kip, E; et al; 2009	Unclear	Low	Low	Low	Low	Unclear
Kisenyi, RN; et al; 2013	Unclear	Low	Low	Low	Low	Unclear
Kunutsor, S; et al; 2010	Unclear	High	Low	Unclear	Low	Low
Lanièce, I; et al; 2003	Unclear	Unclear	Low	Low	Low	Unclear
Lubinga, SJ; et al; 2012	Unclear	Low	Low	Low	Low	Low
Lyimo, RA; et al; 2014	Unclear	Unclear	Low	Low	Low	Low
Malangu, N; 2008	Unclear	High	Low	Low	Low	Low
Maqutu, D; et al; 2010	Unclear	Unclear	Low	High	Unclear	Low
Maqutu, D; Zewotir, T; 2011	Low	Unclear	Low	High	Low	Low
Marcellin, F; et al; 2008	Low	Low	Low	Low	Low	Low
Markos, E; et al; 2009	Unclear	Low	Low	Low	Low	Low
Mayanja, B; et al; 2013	Unclear	Unclear	Low	Low	Low	Unclear
Medley, A; et al; 2014	Unclear	Low	Unclear	Unclear	Low	Unclear
Memiah, P; et al; 2013	Low	Low	Low	High	Low	Unclear
Mitiku, H; et al; 2013	Unclear	Low	Low	Low	Low	Unclear
Morojele, NK; et al; 2014	Low	Unclear	Low	Low	Low	Unclear
Múnene, E; Ekman, B; 2014	Low	Low	Low	Low	Low	Unclear
Musumari, PM; et al; 2014	Low	Unclear	Low	Low	Low	Unclear

Muya, AN; et al; 2014	Low	Low	Low	Low	Low	Low
Muyingo, S; et al; 2008	Low	Low	Low	Low	Low	Unclear
Nachega, JB; et al; 2009	Low	Low	Low	High	Low	Low
Nachega, JB; et al; 2012	Low	Unclear	Low	High	Low	Unclear
Naidoo, P; et al; 2013	Low	Low	Low	Low	Low	Low
Nakimuli-Mpungu, E; et al; 2009	Low	Low	Low	Low	Low	Low
Nakimuli-Mpungu, E; et al; 2013	Unclear	Low	Low	Low	Low	Low
Ncama, BP; et al; 2008	Low	Unclear	Low	Unclear	Low	Unclear
Ndiaye, M; et al; 2013	Low	Unclear	Low	Low	Low	Low
Negash, T; Ehlers, V; 2013	Low	Low	Low	Low	Low	Low
Nel, A; Kagee, A; 2013	Low	High	Unclear	Low	Low	Low
Newman, J; et al; 2012	Unclear	Unclear	Unclear	Low	Unclear	Low
Nozaki, I; et al; 2011	Low	High	Low	Low	Low	Low
Nwauche, C; et al; 2006	Unclear	Unclear	Low	Low	Unclear	Unclear
Obirikorang, C; et al; 2013	Low	High	Low	Low	Low	Low
Oku, AO; et al; 2013	Low	Low	Low	Low	Low	Low
Oku, A; et al; 2014	Low	Low	Low	Low	Low	Low
Olisah, VO; et al; 2010	Unclear	Low	Low	Unclear	Low	Low
Olowookere, S; et al; 2008	Low	Low	Low	Low	Low	Unclear
Omosanya, OE; et al; 2014	Low	Low	Low	Low	Low	Unclear
Orrell, C; et al; 2003	Unclear	Unclear	Low	Low	Low	Low
Oyugi, J; et al; 2007	Low	Low	Low	Low	Low	Low
Pefura-Yone, EW; et al; 2013	Low	Low	Low	Low	Low	Low
Peltzer, K; et al; 2010	Low	Low	Low	Low	Low	Low
Peltzer, K; Friend-du Preez, N; et al; 2011	Low	Low	Low	Low	Low	Low
Ramadhani, HO; et al; 2007	Low	Unclear	Low	Unclear	Low	Low
Rougemont, M; et al; 2009	Low	Unclear	Low	Low	Low	Low
Roux, P; et al; 2011	Low	Unclear	Low	Low	Low	Low
Sasaki, Y; et al; 2012	Low	Low	Low	Low	Low	Low
Senkomago, V; et al; 2011	Low	Low	Low	Low	Low	Unclear
Shaahu, VN; et al; 2008	Low	Low	Low	Unclear	Low	Low

Shumba, C; et al; 2013	Low	Low	Low	Low	Low	Unclear
Sow, P; et al; 2012	Unclear	Unclear	Low	Low	Low	Unclear
Stubbs, BA; et al; 2009	High	Low	Low	High	Low	Low
Tadesse, WT; et al; 2014	Unclear	Low	Low	Low	Low	Low
Talam, N; et al; 2008	Low	Low	Low	Low	Low	Unclear
Tessema, B; et al; 2010	Low	Low	Low	Low	Unclear	Low
Thielman, NM; et al; 2014	Low	Low	Unclear	Low	Low	Unclear
Tiyou, A; et al; 2010	Low	Low	Low	Low	Low	Low
Ukwe, CC; et al; 2010	Low	Unclear	Low	Low	Low	Unclear
Unge, C; et al; 2009	Unclear	Low	Low	High	Low	Low
Unge, C; et al; 2010	Low	Unclear	Low	Low	Low	Low
Uzochukwu, BSC; et al; 2009	Low	Low	Low	Low	Low	Unclear
van Griensven, J; et al; 2010	Unclear	Unclear	Low	High	Low	Low
van Oosterhout, JJ; et al; 2005	Unclear	Unclear	Low	Low	Unclear	Unclear
Vyankandondera, J; et al; 2013	Unclear	Unclear	Low	Low	Low	Unclear
Wakibi, SN; et al; 2011	Low	Unclear	Low	Unclear	Low	Low
Watt, MH; et al; 2010	Low	High	Low	Low	Low	Unclear
Weiser, SD; et al; 2003	Unclear	Unclear	Low	Low	Low	Unclear
Weiser, SD; et al; 2014	Low	Low	Low	Low	Low	Low
Whetten, K; et al; 2013	Unclear	Low	Low	Low	Low	Low
Wroe, EB; et al; 2014	Low	Low	Low	Low	Low	Unclear

Table 2 Methodological quality of the reviewed quantitative studies. High risk, Unclear risk and Low risk scoring.