

Supplementary table 2: Quality assessment of included studies

Author, Year Country	Sample size	Sampling methodology (Representativeness)	Response rate	Outcome measure	Statistical analysis	Confounding	Study limitations	Ethical considerations	Quality assessment Score
WEST AFRICA									
Akombi <i>et al.</i> 2017 Nigeria	1	1	1	1	1	1	1	1	8
Akombi <i>et al.</i> 2017 Nigeria	1	1	1	1	1	1	1	1	8
Aheto <i>et al.</i> 2015 Ghana	1	1	0	1	1	1	1	0	6
Ogunlesi <i>et al.</i> 2015 Nigeria	0	1	0	1	0	1	1	0	4
Novignon <i>et al.</i> 2015 Ghana	1	1	0	1	1	1	1	0	6
Balogun <i>et al.</i> 2014 Nigeria	0	1	0	0	0	1	0	1	3
Darteh <i>et al.</i> 2014 Ghana	1	0	1	1	1	1	1	0	6
Beiersmann <i>et al.</i> 2013 Burkina Faso	1	1	0	1	1	1	1	1	7
Adekanmbi <i>et al.</i> 2013 Nigeria	1	1	1	1	1	1	1	1	8
Idris <i>et al.</i> 2013 Nigeria	0	0	0	0	0	1	0	1	2
Nikoi <i>et al.</i> 2012 Ghana	1	1	1	1	1	0	1	0	6
Olusanya <i>et al.</i> 2010 Nigeria	0	1	0	1	1	1	1	1	6
Ellen Van de Poel <i>et al.</i> 2007 Ghana	1	1	0	1	1	1	1	0	6

Odunayo <i>et al.</i> 2006 Nigeria	0	1	0	1	1	1	0	0	4
Ukwuani <i>et al.</i> 2003 Nigeria	1	1	0	1	1	1	1	0	6
Ojofeitimi <i>et al.</i> 2003 Nigeria	1	1	0	0	0	1	0	0	3
Abidoye <i>et al.</i> 2000 Nigeria	0	1	0	1	1	1	0	0	4
Ighogboja <i>et al.</i> 1992 Nigeria	0	1	0	1	1	1	1	0	5

EAST AFRICA

Demilew <i>et al.</i> 2017 Ethiopia	1	1	1	1	1	1	1	1	8
Kinyoki <i>et al.</i> 2015 Somalia	0	1	0	1	1	1	1	1	6
Yisak <i>et al.</i> 2015 Ethiopia	1	1	0	1	1	1	1	1	7
Chirande <i>et al.</i> 2015 Tanzania	1	1	1	1	1	1	1	1	8
Asfaw <i>et al.</i> 2015 Ethiopia	1	1	1	1	1	1	1	1	8
Fekadu <i>et al.</i> 2015 Ethiopia	1	1	1	0	1	1	1	1	7
Semali <i>et al.</i> 2015 Tanzania	1	1	0	1	1	1	0	1	5
Alemayehu <i>et al.</i> 2015 Ethiopia	1	1	1	1	0	1	1	1	7
Nordang <i>et al.</i> 2015 Tanzania	1	1	1	1	1	1	1	1	8
Gilbert Habaasa 2015 Uganda	0	1	0	1	1	1	1	1	6

Debale <i>et al.</i> 2014 Ethiopia	0	1	0	0	1	1	1	0	4
Abubakar <i>et al.</i> 2012 Tanzania	0	1	0	1	1	1	0	1	5
Abuya <i>et al.</i> 2012 Kenya	0	1	0	1	1	1	1	1	6
Gewa <i>et al.</i> 2011 Kenya	1	1	1	1	1	1	1	0	7
Mulugeta <i>et al.</i> 2010 Ethiopia	0	1	0	1	0	1	0	1	4
Engebreetsen <i>et al.</i> 2008 Uganda	0	1	0	1	1	1	1	1	6
Nyaruhucha <i>et al.</i> 2006 Tanzania	1	1	0	0	0	1	0	0	3
Bloss <i>et al.</i> 2004 Kenya	0	0	0	1	1	1	1	0	4
Wamani <i>et al.</i> 2004 Uganda	1	1	0	1	1	1	1	1	7
Kikafunda <i>et al.</i> 1998 Uganda	0	1	0	1	1	1	0	0	4
Getaneh <i>et al.</i> 1998 Ethiopia	0	1	0	1	1	1	1	1	6
Vella <i>et al.</i> 1995 Uganda	0	1	0	1	1	1	0	0	4
Mbago <i>et al.</i> 1992 Tanzania	0	1	0	0	1	1	0	0	3
SOUTHERN AFRICA									
Lesiapeto <i>et al.</i> 2010 South Africa	0	1	0	1	1	1	1	1	6

Wiley <i>et al.</i> 2009 South Africa	0	0	0	1	1	1	0	1	4
Chopra <i>et al.</i> 2003 South Africa	0	1	0	1	1	1	0	0	4
Tharakan <i>et al.</i> 1999 Botswana	0	1	0	1	1	1	0	0	4

CENTRAL AFRICA

Nagahori <i>et al.</i> 2015 Cameroun	0	1	0	1	1	1	1	1	6
Nolla <i>et al.</i> 2014 Cameroun	1	1	0	1	1	0	1	1	6
Mukatay <i>et al.</i> 2010 DRC*	0	0	0	1	1	1	0	1	4
Delpeuch <i>et al.</i> 1999 DRC*	0	1	0	1	1	1	0	0	4

*DRC = Democratic Republic of Congo