

## S1 Table. Details of the search strategies

### PubMed

Search (((((((("Metabolic Syndrome X"[Mesh]) OR Metabolic Syndrome) OR Reaven Syndrome) OR Cardiometabolic syndrome) OR cardiometabolic disease) OR syndrome X)) AND (((((HIV[MeSH Terms]) OR HIV) OR human immunodeficiency virus)) OR (((acquired immunodeficiency syndrome[MeSH Terms]) OR acquired immunodeficiency syndrome) OR AIDS))) AND (((prevalence[MeSH Terms]) OR prevalence) OR epidemiology[MeSH Terms]) OR epidemiology) Filters: Publication date from 1998/01/01 to 2015/04/30

### Scopus

((TITLE-ABS-KEY (prevalence OR epidemiology)) AND ((TITLE-ABS-KEY(hiv OR aids)) AND ((TITLE-ABS-KEY(metabolic syndrome x)) OR (TITLE-ABS-KEY(metabolic syndrome)))) AND (LIMIT-TO(PUBYEAR, 2015) (LIMIT-TO(PUBYEAR, 2014) OR LIMIT-TO(PUBYEAR, 2013) OR LIMIT-TO(PUBYEAR, 2012) OR LIMIT-TO(PUBYEAR, 2011) OR LIMIT-TO(PUBYEAR, 2010) OR LIMIT-TO(PUBYEAR, 2009) OR LIMIT-TO(PUBYEAR, 2008) OR LIMIT-TO(PUBYEAR, 2007) OR LIMIT-TO(PUBYEAR, 2006) OR LIMIT-TO(PUBYEAR, 2005) OR LIMIT-TO(PUBYEAR, 2014) OR LIMIT-TO(PUBYEAR, 2013) OR LIMIT-TO(PUBYEAR, 2012) OR LIMIT-TO(PUBYEAR, 2011) OR LIMIT-TO(PUBYEAR, 2010) OR LIMIT-TO(PUBYEAR, 2009) OR LIMIT-TO(PUBYEAR, 2008) OR LIMIT-TO(PUBYEAR, 2007) OR LIMIT-TO(PUBYEAR, 2006) OR LIMIT-TO(PUBYEAR, 2005) OR LIMIT-TO(PUBYEAR, 2004) OR LIMIT-TO(PUBYEAR, 2003) OR LIMIT-TO(PUBYEAR, 2002) OR LIMIT-TO(PUBYEAR, 2001) OR LIMIT-TO(PUBYEAR, 2000) OR LIMIT-TO(PUBYEAR, 1999) OR LIMIT-TO(PUBYEAR, 1998) OR LIMIT-TO(PUBYEAR, 2014) OR LIMIT-TO(PUBYEAR, 2013) OR LIMIT-TO(PUBYEAR, 2012) OR LIMIT-TO(PUBYEAR, 2011) OR LIMIT-TO(PUBYEAR, 2010) OR LIMIT-TO(PUBYEAR, 2009) OR LIMIT-TO(PUBYEAR, 2008) OR LIMIT-TO(PUBYEAR, 2007) OR LIMIT-TO(PUBYEAR, 2006) OR LIMIT-TO(PUBYEAR, 2005) OR LIMIT-TO(PUBYEAR, 2004) OR LIMIT-TO(PUBYEAR, 2003) OR LIMIT-TO(PUBYEAR, 2002) OR LIMIT-TO(PUBYEAR, 2001) OR LIMIT-TO(PUBYEAR, 2000) OR LIMIT-TO(PUBYEAR, 1999) OR LIMIT-TO(PUBYEAR, 1998))

### EbscoHost

S9 S3 AND S8 (prevalence OR epidemiology) AND (((HIV OR human immunodeficiency virus) OR (AIDS OR acquired immunodeficiency syndrome)) AND (Metabolic syndrome X OR metabolic Syndrome))  
S8 S6 AND S7 (((HIV OR human immunodeficiency virus) OR (AIDS OR acquired immunodeficiency syndrome)) AND (Metabolic syndrome X OR metabolic Syndrome))  
S7 S2 OR metabolic syndrome (Metabolic syndrome X OR metabolic Syndrome)  
S6 S4 OR S5 ((HIV OR human immunodeficiency virus) OR (AIDS OR acquired immunodeficiency syndrome))  
S5 AIDS OR acquired immunodeficiency syndrome  
S4 HIV OR human immunodeficiency virus  
S3 prevalence OR epidemiology  
S2 (MM "Metabolic Syndrome X+")