

Supplemental Figure S1. Search strings

1. Search strings for Cochrane

search formula: MeSH;ti,ab,kw

#1MeSH descriptor: [Cardiovascular Diseases] explode all trees

#2MeSH descriptor: [Vascular Diseases] explode all trees

#3MeSH descriptor: [Heart Diseases] explode all trees

#4MeSH descriptor: [Myocardial Ischemia] explode all trees

#5MeSH descriptor: [Angina Pectoris] explode all trees

#6MeSH descriptor: [Coronary Disease] explode all trees

#7MeSH descriptor: [Myocardial Infarction] explode all trees

#8MeSH descriptor: [Acute Coronary Syndrome] explode all trees

#9MeSH descriptor: [Arrhythmias, Cardiac] explode all trees

#10MeSH descriptor: [Heart Failure] explode all trees

#11MeSH descriptor: [Hypertension] explode all trees

#12(Cardiovascular diseases OR Cardiovascular* OR Vascular Diseases OR Cardiac* OR Heart disease OR Heart* OR Myocardial Ischemia OR MI OR Angina Pectoris OR angina* OR Coronary Disease OR CAD OR Myocardial Infarction OR Acute Coronary Syndrome OR ACS OR Arrhythmias, Cardiac OR Hypertension OR hypertensi*):ti,ab,kw

#13:#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12

#14MeSH descriptor: [Depression] explode all trees

#15MeSH descriptor: [Depressive Disorder] explode all trees

#16MeSH descriptor: [Depressive Disorder, Major] explode all trees

#17MeSH descriptor: [Anxiety] explode all trees

#18MeSH descriptor: [Anxiety Disorders] explode all trees

#19(Depression OR Depressi* OR Depressive Disorder OR Depressive Disorder, Major OR MDD OR OR Anxiety OR Anxiety* OR Anxieties OR Anxiety Disorders):ti,ab,kw

#20: #14 OR #15 OR #16 OR #17 OR #18 OR #19

#21MeSH descriptor: [Morbidity] explode all trees

#22MeSH descriptor: [Mortality] explode all trees

#23MeSH descriptor: [Epidemiology] explode all trees

#24MeSH descriptor: [Prevalence] explode all trees

#25MeSH descriptor: [Incidence] explode all trees

#26MeSH descriptor: [Risk] explode all trees

#27(Morbidity OR Morbidit* OR Mortality OR Mortalit* OR Epidemiology OR Epidemiolog* OR Prevalence OR Incidence OR Risk):ti,ab,kw

#28: #21 OR #22 OR #23 OR #24 OR #25 OR #26 OR #27

#29MeSH descriptor: [Cohort Studies] explode all trees

#30MeSH descriptor: [Follow-Up Studies] explode all trees

#31MeSH descriptor: [Prospective Studies] explode all trees

#32MeSH descriptor: [Longitudinal Studies] explode all trees
 (Cohort Studies OR Cohort Study OR Follow-Up Studies OR Prospective Studies OR Prospective Study OR Longitudinal Studies OR Longitudinal Study):ti,ab,kw
 #34:#29 OR #30 OR #31 OR #32 OR #33
 #35:#13 AND #20 AND #28 AND #34
 #36:#13 AND #20 AND #28 AND #34(With Cochrane Library publication date from Jan 2013 to Aug 2024)

2. Search strings for Pubmed

search formula: [Mesh];[Title/Abstract]

(((((Cardiovascular diseases OR Vascular Diseases OR Heart disease OR Myocardial Ischemia OR Angina Pectoris OR Coronary Disease OR Myocardial Infarction OR Acute Coronary Syndrome OR Arrhythmias, Cardiac OR Heart failure OR Hypertension[MeSH Terms]) OR (Cardiovascular diseases[Title/Abstract] OR Cardiovascular*[Title/Abstract] OR Vascular Diseases[Title/Abstract] OR Cardiac*[Title/Abstract] OR Heart disease[Title/Abstract] OR Heart*[Title/Abstract] OR Myocardial Ischemia[Title/Abstract] OR MI[Title/Abstract] OR Angina Pectoris[Title/Abstract] OR angina*[Title/Abstract] OR Coronary Disease[Title/Abstract] OR CAD[Title/Abstract] OR Myocardial Infarction[Title/Abstract] OR Acute Coronary Syndrome[Title/Abstract] OR ACS[Title/Abstract] OR Arrhythmias, Cardiac[Title/Abstract] OR Hypertension[Title/Abstract] OR hypertensi*[Title/Abstract]))) AND ((Depression OR Depressive Disorder OR Depressive Disorder, Major OR Anxiety OR Anxiety Disorders[MeSH Terms]) OR (Depression[Title/Abstract] OR Depressi* Depressive Disorder[Title/Abstract] OR Depressive Disorder, Major[Title/Abstract] OR MDD[Title/Abstract] OR Anxiety[Title/Abstract] OR Anxiety*[Title/Abstract] OR Anxieties[Title/Abstract] OR Anxiety Disorders[Title/Abstract]))) AND ((Morbidity OR Mortality OR Epidemiology OR Prevalence OR Incidence OR Risk[MeSH Terms]) OR (Morbidity[Title/Abstract] OR Morbidit*[Title/Abstract] OR Mortality[Title/Abstract] OR Mortalit*[Title/Abstract] OR Epidemiology[Title/Abstract] OR Epidemiolog*[Title/Abstract] OR Prevalence[Title/Abstract] OR Incidence[Title/Abstract] OR Risk[Title/Abstract]))) AND ((Cohort Studies OR Follow-Up Studies OR Prospective Studies OR Longitudinal Studies[MeSH Terms]) OR (Cohort Studies[Title/Abstract] OR Cohort Study[Title/Abstract] OR Follow-Up Studies[Title/Abstract] OR Follow-Up Study[Title/Abstract] OR Prospective Studies[Title/Abstract] OR Prospective Study[Title/Abstract] OR Longitudinal Studies[Title/Abstract] OR Longitudinal Study[Title/Abstract])) Filters: from 2013/1 – 2024/8

3. Search strings for Embase

search formula: ab,ti

('cardiovascular diseases':ab,ti OR cardiovascular*:ab,ti OR 'vascular diseases':ab,ti OR cardiac*:ab,ti OR 'heart disease':ab,ti OR heart*:ab,ti OR 'myocardial ischemia':ab,ti OR mi:ab,ti OR 'angina pectoris':ab,ti OR angina*:ab,ti OR 'coronary disease':ab,ti OR cad:ab,ti OR 'myocardial infarction':ab,ti OR 'acute coronary syndrome':ab,ti OR acs:ab,ti OR 'arrhythmias, cardiac':ab,ti OR hypertension:ab,ti OR hypertensi*:ab,ti) AND (depression:ab,ti OR 'depressi* depressive disorder':ab,ti OR 'depressive disorder, major':ab,ti OR mdd:ab,ti OR anxiety:ab,ti OR anxiety*:ab,ti OR anxieties:ab,ti OR 'anxiety disorders':ab,ti) AND (morbidity:ab,ti OR morbidit*:ab,ti OR mortality:ab,ti OR mortalit*:ab,ti OR epidemiology:ab,ti OR epidemiolog*:ab,ti OR prevalence:ab,ti OR incidence:ab,ti OR risk:ab,ti) AND ('cohort studies':ab,ti OR 'cohort study':ab,ti OR 'follow-up studies':ab,ti OR 'follow-up study':ab,ti OR 'prospective studies':ab,ti OR 'prospective study':ab,ti OR 'longitudinal studies':ab,ti OR 'longitudinal study':ab,ti) AND [2013-2024]/py

4. Search strings for Web of science

search formula: TS;TI;AB

#1 TS=(Cardiovascular diseases OR Vascular Diseases OR Heart disease OR Myocardial Ischemia OR Angina Pectoris OR Coronary Disease OR Myocardial Infarction OR Acute Coronary Syndrome OR Arrhythmias, Cardiac OR Heart failure OR Hypertension) OR TI=(Cardiovascular diseases OR Cardiovascular* OR Vascular Diseases OR Cardiac* OR Heart disease OR Heart* OR Myocardial Ischemia OR MI OR Angina Pectoris OR angina* OR Coronary Disease OR CAD OR Myocardial Infarction OR Acute Coronary Syndrome OR ACS OR Arrhythmias, Cardiac OR Hypertension OR hypertensi*) OR AB=(Cardiovascular diseases OR Cardiovascular* OR Vascular Diseases OR Cardiac* OR Heart disease OR Heart* OR Myocardial Ischemia OR MI OR Angina Pectoris OR angina* OR Coronary Disease OR CAD OR Myocardial Infarction OR Acute Coronary Syndrome OR ACS OR Arrhythmias, Cardiac OR Hypertension OR hypertensi*)

#2 TS=(Depression OR Depressive Disorder OR Depressive Disorder, Major OR Anxiety OR Anxiety Disorders) OR TI=(Depression OR Depressi* Depressive Disorder OR Depressive Disorder, Major OR MDD OR Anxiety OR Anxiety* OR Anxieties OR Anxiety Disorders) OR AB=(Depression OR Depressi* Depressive Disorder OR Depressive Disorder, Major OR MDD OR Anxiety OR Anxiety* OR Anxieties OR Anxiety Disorders)

#3 TS=(Morbidity OR Mortality OR Epidemiology OR Prevalence OR Incidence OR Risk) OR TI=(Morbidity OR Morbidit* OR Mortality OR Mortalit* OR Epidemiology OR Epidemiolog* OR Prevalence OR Incidence OR Risk) OR AB=(Morbidity OR Morbidit* OR Mortality OR Mortalit* OR Epidemiology OR Epidemiolog* OR Prevalence OR Incidence OR Risk)

#4 TS=(Cohort Studies OR Follow-Up Studies OR Prospective Studies OR Longitudinal Studies) OR TI=(Cohort Studies OR Cohort Study OR Follow-Up Studies

OR Follow-Up Study OR Prospective Studies OR Prospective Study OR Longitudinal Studies OR Longitudinal Study) OR AB=(Cohort Studies OR Cohort Study OR Follow-Up Studies OR Follow-Up Study OR Prospective Studies OR Prospective Study OR Longitudinal Studies OR Longitudinal Study)

#1 AND #2 AND #3 AND #4

Timespan: 2013-01-01 to 2024-08-21 (Publication Date)

4. Search strings for Web of science--Medline

search formula: Topic;Title;Abstract

#1: Cardiovascular diseases OR Vascular Diseases OR Heart disease OR Myocardial Ischemia OR Angina Pectoris OR Coronary Disease OR Myocardial Infarction OR Acute Coronary Syndrome OR Arrhythmias, Cardiac OR Heart failure OR Hypertension (Topic) or Cardiovascular diseases OR Cardiovascular* OR Vascular Diseases OR Cardiac* OR Heart disease OR Heart* OR Myocardial Ischemia OR MI OR Angina Pectoris OR angina* OR Coronary Disease OR CAD OR Myocardial Infarction OR Acute Coronary Syndrome OR ACS OR Arrhythmias, Cardiac OR Hypertension OR hypertensi* (Title) or Cardiovascular diseases OR Cardiovascular* OR Vascular Diseases OR Cardiac* OR Heart disease OR Heart* OR Myocardial Ischemia OR MI OR Angina Pectoris OR angina* OR Coronary Disease OR CAD OR Myocardial Infarction OR Acute Coronary Syndrome OR ACS OR Arrhythmias, Cardiac OR Hypertension OR hypertensi* (Abstract)

#2: Depression OR Depressive Disorder OR Depressive Disorder, Major OR Anxiety OR Anxiety Disorders (Topic) or Depression OR Depressi* Depressive Disorder OR Depressive Disorder, Major OR MDD OR Anxiety OR Anxiety* OR Anxieties OR Anxiety Disorders (Title) or Depression OR Depressi* Depressive Disorder OR Depressive Disorder, Major OR MDD OR Anxiety OR Anxiety* OR Anxieties OR Anxiety Disorders (Abstract)

#3: Morbidity OR Mortality OR Epidemiology OR Prevalence OR Incidence OR Risk (Topic) or Morbidity OR Morbidit* OR Mortality OR Mortalit* OR Epidemiology OR Epidemiolog* OR Prevalence OR Incidence OR Risk (Title) or Morbidity OR Morbidit* OR Mortality OR Mortalit* OR Epidemiology OR Epidemiolog* OR Prevalence OR Incidence OR Risk (Abstract)

#4: Cohort Studies OR Follow-Up Studies OR Prospective Studies OR Longitudinal Studies (Topic) or Cohort Studies OR Cohort Study OR Follow-Up Studies OR Follow-Up Study OR Prospective Studies OR Prospective Study OR Longitudinal Studies OR Longitudinal Study (Title) or Cohort Studies OR Cohort Study OR Follow-Up Studies OR Follow-Up Study OR Prospective Studies OR Prospective Study OR Longitudinal Studies OR Longitudinal Study (Abstract)

#1 AND #2 AND #3 AND #4

Timespan: 2013-01-01 to 2024-08-21 (Publication Date)