

**Reporting and methodological quality of studies that use  
Mendelian randomisation in UK Biobank: a meta-  
epidemiologic study**

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**Supplementary Table S1**

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Details of search conducted in four databases on 15/07/2022.			
Database (Vendor)	Search strategy syntax	Search syntax meaning	URL
Web of Science Core Collection	(TS=("UK Biobank" OR UKB OR UKBiobank) OR ALL=("UK Biobank Resource" OR "UKB Resource")) AND (TS=("Mendelian randomisation" OR "Mendelian randomization") OR ALL=("Mendelian randomisation" OR "Mendelian randomization"))	ALL = all fields TS = title, abstract, author, keywords, Keywords Plus® <sup>1</sup>	<a href="https://apps.webofknowledge.com/WOS_AdvancedSearch_input.do?SID=F2upfRKXSkaPxfXaEDL&amp;product=WOS&amp;search_mode=AdvancedSearch">https://apps.webofknowledge.com/WOS_AdvancedSearch_input.do?SID=F2upfRKXSkaPxfXaEDL&amp;product=WOS&amp;search_mode=AdvancedSearch</a>
PubMed	(((((("Mendelian randomisation") OR "Mendelian randomization") OR "Mendelian randomisation"[TIAB]) OR "Mendelian randomization"[TIAB]) OR "Mendelian Randomization Analysis"[Mesh]) AND (((("UK Biobank Resource") OR "UKB Resource") OR UKB[TIAB]) OR UKBiobank[TIAB]) OR "UK Biobank"[TIAB])	No syntax = all fields TIAB = citation's title, collection title, abstract, other abstract and author keywords Mesh = Mesh term <sup>2</sup>	<a href="https://pubmed.ncbi.nlm.nih.gov/">https://pubmed.ncbi.nlm.nih.gov/</a>
EMBASE (Ovid)	(UK Biobank resource or UKB Resource).af. or UK Biobank.ab. or UKB.ab. or UKBiobank.ab. or UK Biobank.ti. or UKB.ti. or UKBiobank.ti. or UK Biobank.kw. or UKB.kw. or UK Biobank.kw. (Mendelian randomisation or Mendelian randomization).af. or Mendelian randomisation.ab. or Mendelian randomization.ab. or Mendelian randomisation.ti. or Mendelian randomization.ti. or Mendelian randomisation.kw. or Mendelian randomization.kw. Combine 1 and 2	af = all fields ab = abstract ti = title kw = author keywords <sup>3</sup>	<a href="https://ovidsp.dc1.ovid.com/ovid-a/ovidweb.cgi">https://ovidsp.dc1.ovid.com/ovid-a/ovidweb.cgi</a>
PsycINFO (Ovid)	("UK Biobank resource" or "UKB Resource").af. or ("UK Biobank" or UKB or UKBiobank).ab. or ("UK Biobank" or UKB or UKBiobank).ti. or ("UK Biobank" or UKB or UKBiobank).id. ("Mendelian randomisation" or "Mendelian randomization").af. or ("Mendelian randomisation" or "Mendelian randomization").ab. or ("Mendelian randomisation" or "Mendelian randomization").ti. or ("Mendelian randomisation" or "Mendelian randomization").id. Combine 1 and 2	af = all fields ab = abstract ti = title id = key concepts <sup>4</sup>	<a href="https://ovidsp.dc1.ovid.com/ovid-a/ovidweb.cgi">https://ovidsp.dc1.ovid.com/ovid-a/ovidweb.cgi</a>
<sup>1</sup> <a href="http://images.webofknowledge.com/images/help/WOS/hs_advanced_fieldtags.html">http://images.webofknowledge.com/images/help/WOS/hs_advanced_fieldtags.html</a> <sup>2</sup> <a href="https://www.ncbi.nlm.nih.gov/books/NBK3827/#pubmedhelp.TitleAbstract_TIAB">https://www.ncbi.nlm.nih.gov/books/NBK3827/#pubmedhelp.TitleAbstract_TIAB</a> <sup>3</sup> <a href="http://ospguides.ovid.com/OSPguides/embase.htm#kw">http://ospguides.ovid.com/OSPguides/embase.htm#kw</a> <sup>4</sup> <a href="https://ospguides.ovid.com/OSPguides/psycdb.htm">https://ospguides.ovid.com/OSPguides/psycdb.htm</a>			