

Table S1 Search algorithms

Database	No	Step search algorithm	Items found
Pubmed	#1	Search Nonalcoholic Fatty Liver Disease	17760
	#2	Search Fatty Liver, Nonalcoholic	18393
	#3	Search Fatty Livers, Nonalcoholic	13726
	#4	Search Liver, Nonalcoholic Fatty	18393
	#5	Search Livers, Nonalcoholic Fatty	13726
	#6	Search Nonalcoholic Fatty Liver	18393
	#7	Search Nonalcoholic Fatty Livers	13726
	#8	Search Nonalcoholic Steatohepatitis	16051
	#9	Search Nonalcoholic Steatohepatitides	13400
	#10	Search Steatohepatitides, Nonalcoholic	13400
	#11	Search Steatohepatitis, Nonalcoholic	16051
	#12	Search (((((((((((Steatohepatitis, Nonalcoholic) OR Steatohepatitides, Nonalcoholic) OR Nonalcoholic Steatohepatitides) OR Nonalcoholic Steatohepatitis) OR Nonalcoholic Fatty Livers) OR Nonalcoholic Fatty Liver) OR Livers, Nonalcoholic Fatty) OR Liver, Nonalcoholic Fatty) OR Fatty Livers, Nonalcoholic) OR Fatty Liver, Nonalcoholic) OR Nonalcoholic Fatty Liver Disease) OR NAFLD) OR Non-alcoholic Fatty Liver Disease) OR non-alcoholic fatty liver disease	20067
	#13	Search mortality	1145113
	#14	Search Mortalities	1149041
	#15	Search Case Fatality Rate	1147504
	#16	Search Case Fatality Rates	1146113
	#17	Search Rate, Case Fatality	1147504
	#18	Search Rates, Case Fatality	1146113
	#19	Search Mortality, Excess	1145113
	#20	Search Excess Mortalities	1145161
	#21	Search Mortalities, Excess	1145161
	#22	Search Excess Mortality	1145113
	#23	Search Decline, Mortality	1145113
	#24	Search Declines, Mortality	1145113
	#25	Search Mortality Declines	1145113
	#26	Search Mortality Decline	1145113
	#27	Search Mortality Determinants	1145113
	#28	Search Determinant, Mortality	1145113
	#29	Search Mortality Determinant	1145113
	#30	Search Determinants, Mortality	1145113
	#31	Search Mortality, Differential	1145113
	#32	Search Differential Mortalities	1145186
	#33	Search Mortalities, Differential	1145186
	#34	Search Differential Mortality	1145113
	#35	Search Age-Specific Death Rate	1146099
	#36	Search Age-Specific Death Rates	1145890
	#37	Search Death Rate, Age-Specific	1146099
	#38	Search Death Rates, Age-Specific	1145890

Database	No	Step search algorithm	Items found
		OR Rate, Case Fatality) OR Case Fatality Rates) OR Case Fatality Rate) OR Mortalities) OR mortality)) AND ((((((((((((((Steatohepatitis, Nonalcoholic) OR Steatohepatitides, Nonalcoholic) OR Nonalcoholic Steatohepatitides) OR Nonalcoholic Steatohepatitis) OR Nonalcoholic Fatty Livers) OR Nonalcoholic Fatty Liver) OR Livers, Nonalcoholic Fatty) OR Liver, Nonalcoholic Fatty) OR Fatty Livers, Nonalcoholic) OR Fatty Liver, Nonalcoholic) OR Nonalcoholic Fatty Liver Disease) OR NAFLD) OR Non alcoholic Fatty Liver Disease) OR non-alcoholic fatty liver disease)	
Cochran	#1	("non-alcoholic fatty liver disease") OR ("Non alcoholic Fatty Liver Disease") OR ("NAFLD") OR ("Nonalcoholic Fatty Liver Disease") OR ("Fatty Liver, Nonalcoholic") (Word variations have been searched)	1442
	#2	("Nonalcoholic Steatohepatitis") OR ("Nonalcoholic Steatohepatitides") OR ("Steatohepatitides, Nonalcoholic") OR ("Steatohepatitis, Nonalcoholic") (Word variations have been searched)	1597
	#3	#1 OR #2	609
	#4	("mortality") OR ("Mortalities") OR ("Case Fatality Rate") OR ("Case Fatality Rates") OR ("Rate, Case Fatality") (Word variations have been searched)	72408
	#5	("Rates, Case Fatality") OR ("Mortality, Excess") OR ("Excess Mortalities") OR ("Mortalities, Excess") OR ("Excess Mortality") (Word variations have been searched)	318
	#6	("Rates, Case Fatality") OR ("Mortality, Excess") OR ("Excess Mortalities") OR ("Mortalities, Excess") OR ("Excess Mortality") (Word variations have been searched)	42
	#7	("Decline, Mortality") OR ("Declines, Mortality") OR ("Mortality Declines") OR ("Mortality Decline") OR ("Mortality Determinants") (Word variations have been searched)	50
	#8	("Determinant, Mortality") OR ("Mortality Determinant") OR ("Determinants, Mortality") OR ("Mortality, Differential") OR ("Differential Mortalities") (Word variations have been searched)	21
	#9	("Mortalities, Differential") OR ("Differential Mortality") OR ("Age-Specific Death Rate") OR ("Age-Specific Death Rates") OR ("Death Rate, Age-Specific") (Word variations have been searched)	1215
	#10	("Death Rates, Age-Specific") OR ("Rate, Age-Specific Death") OR ("Rates, Age-Specific Death") OR ("Age Specific Death Rate") OR ("Death Rate") (Word variations have been searched)	9245
	#11	("Death Rates") OR ("Rate, Death") OR ("Rates, Death") OR ("Mortality Rate") OR ("Mortality Rates") (Word variations have been searched)	611

Database	No	Step search algorithm	Items found
	#12	#4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11	21980
	#13	("Cardiovascular Diseases") OR ("Cardiovascular Disease") OR ("Disease, Cardiovascular") OR ("Diseases, Cardiovascular") (Word variations have been searched)	3564
	#14	("hospital mortalities") OR ("Mortality, In-Hospital") OR ("In-Hospital Mortalities") OR ("Mortalities, In-Hospital") OR ("In-Hospital Mortality") (Word variations have been searched)	897
	#15	("Mortality, Hospital") OR ("Mortalities, Hospital") OR ("Mortalities, In-house") OR ("In-house Mortalities") OR ("In-house Mortality") (Word variations have been searched)	3468
	#16	("Mortalities, In house") OR ("Mortality, In-house") OR ("Mortality, Inhospital") OR ("Hospital Mortalities") OR ("In Hospital Mortalities") (Word variations have been searched)	1643
	#17	("Inhospital Mortalities") OR ("Mortalities, Inhospital") OR ("In Hospital Mortality") OR ("Hospital Mortalities, In") OR ("Hospital Mortality, In") (Word variations have been searched)	1528
	#18	("Mortalities, In Hospital") OR ("Mortality, In Hospital") OR ("Inhospital Mortality") (Word variations have been searched)	4265
	#19	#14 OR #15 OR #16 OR #17 OR #18	11546
	#20	#3 AND #12 AND #13 AND #19	0
EMBASE	#1	'cardiovascular disease'/syn	4,160,282
	#2	'stroke'/syn	74,203
	#3	'CVD'/syn	49,164
	#4	#1 OR #2 OR #3	4,238,733
	#5	'nonalcoholic fatty liver'/syn	39,229
	#6	'NAFLD'/syn	21,404
	#7	#5 OR #6	40,545
	#8	'mortality'/syn	1,355,505
	#9	'hospital mortality'/syn	57,385
	#10	#8 OR #9	1,355,505
	#11	#4 AND #7 AND #10	1,841