

Additional material 1: Literature Searches

General Search

PubMed:

Search	Query	Items found
#1	Search "Publication Bias"[Mesh]	1747
#2	Search "Bias (Epidemiology)"[Mesh]	44583
#3	Search "Selection Bias"[Mesh]	3159
#4	Search "Prejudice"[Mesh]	20912
#5	Search "bias"[tiab]	64678
#6	Search #1 OR #2 OR #3 OR #4 OR #5	122639
#7	Search "Research/ standards"[Mesh]	19170
#8	Search "Publishing/standards"[Mesh]	5410
#9	Search "Quality Control"[Mesh]	36731
#10	Search "Writing/standards"[Mesh]	1168
#11	Search "Journalism, Medical/ standards"[Mesh]	584
#12	Search #7 OR #8 OR #9 OR #10 OR #11	59526
#13	Search #6 AND #12	3044
#14	Search "Registries"[Mesh]	46060
#15	Search "Evidence-Based Medicine"[Mesh]	45157
#16	Search "Clinical Trials as Topic"[Mesh]	250161
#17	Search "Review Literature as Topic"[Mesh]	6050
#18	Search "Practice Guidelines as Topic"[Mesh]	65868
#19	Search "Meta-Analysis as Topic"[Mesh]	11809
#20	Search "Periodicals as Topic"[Mesh]	31483
#21	Search #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20	424261
#22	Search #13 AND #21	1018

Update Search April 2014

Search	Query	Items found
#1	Search " Publication Bias "[Mesh]	2554
#2	Search " Bias (Epidemiology) "[Mesh]	49953
#3	Search " Selection Bias "[Mesh]	3440
#4	Search " Prejudice "[Mesh]	22765
#5	Search " bias "[tiab]	81851
#6	Search #1 OR #2 OR #3 OR #4 OR #5	146230
#7	Search " Research/ standards "[Mesh]	21600
#8	Search " Publishing/standards "[Mesh]	5998
#9	Search " Quality Control "[Mesh]	40039
#10	Search " Writing/standards "[Mesh]	1632

#11	Search "Journalism, Medical/ standards"[Mesh]	632
#12	Search #7 OR #8 OR #9 OR #10 OR #11	65656
#13	Search #6 AND #12	3444
#14	Search "Registries"[Mesh]	54898
#15	Search "Evidence-Based Medicine"[Mesh]	52759
#16	Search "Clinical Trials as Topic"[Mesh]	272882
#17	Search "Review Literature as Topic"[Mesh]	7270
#18	Search "Practice Guidelines as Topic"[Mesh]	77685
#19	Search "Meta-Analysis as Topic"[Mesh]	13223
#20	Search "Periodicals as Topic"[Mesh]	36028
#21	Search #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20	477395
#22	Search #13 AND #21	1188
#23	Search 2012:2014[dp]	2303446
#24	Search 2012:2014[edat]	2188306
#25	Search #23 OR #24	2345454
#26	Search #22 AND #25	169

EMBASE:

No.	Query	Results
#1	'bias':ti OR 'bias':ab	73,191
#2	'publication'/exp	108,591
#3	'types of study'/exp	19,509,350
#4	'medical literature'/exp	113,548
#5	'outcome assessment'/exp	159,312
#6	#3 OR #4 OR #5	19,550,408
#7	#1 AND #2 AND #6	975

Update Search April 2014

No.	Query	Results
#1	'bias':ab,ti	91286
#2	'publication'/exp	120332
#3	'types of study'/exp	21146044
#4	'medical literature'/exp	124461
#5	'outcome assessment'/exp	232087
#6	#3 OR #4 OR #5	21189870
#7	#1 AND #2 AND #6	1249
#8	#1 AND #2 AND #6 AND [2012-2014]/py	298

The Cochrane Library: :

ID	Search	Hits
#1	"Publication Bias"[Mesh]	10284

#2	"Bias (Epidemiology)"[Mesh]	542
#3	"Selection Bias"[Mesh]	4103
#4	"Prejudice"[Mesh]	287
#5	"bias"[tiab]	26095
#6	(#1 OR #2 OR #3 OR #4 OR #5)	26299
#7	"Research/ standards"[Mesh]	64
#8	"Publishing/standards"[Mesh]	11
#9	"Quality Control"[Mesh]	1090
#10	"Writing/standards"[Mesh]	6
#11	"Journalism, Medical/ standards"[Mesh]	1
#12	(#7 OR #8 OR #9 OR #10 OR #11)	1160
#13	(#6 AND #12)	254
#14	"Registries"[Mesh]	1463
#15	"Evidence-Based Medicine"[Mesh]	3024
#16	"Clinical Trials as Topic"[Mesh]	35167
#17	"Review Literature as Topic"[Mesh]	91
#18	"Practice Guidelines as Topic"[Mesh]	1403
#19	"Meta-Analysis as Topic"[Mesh]	548
#20	"Periodicals as Topic"[Mesh]	71
#21	(#14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20)	41128
#22	(#13 AND #21)	57

Update Search April 2014

ID	Search	Hits
#1	[mh "publication bias"]	411
#2	[mh "Bias (Epidemiology)"]	2428
#3	[mh "Selection Bias"]	126
#4	[mh Prejudice]	271
#5	bias:ti,ab,kw (Word variations have been searched)	12515
#6	#1 or #2 or #3 or #4 or #5	14331
#7	[mh research/ST]	406
#8	[mh publishing/ST]	29
#9	[mh "quality control"]	496
#10	[mh writing/ST]	14
#11	[mh "journalism, medical"/ST]	1
#12	#7 or #8 or #9 or #10 or #11	907
#13	#6 and #12	82
#14	[mh registries]	719
#15	[mh "Evidence-Based Medicine"]	1905
#16	[mh "Clinical Trials as Topic"]	55615
#17	[mh "Review Literature as Topic"]	129
#18	[mh "Practice Guidelines as Topic"]	1717
#19	[mh "Meta-Analysis as Topic"]	552
#20	[mh "Periodicals as Topic"]	81

#21	#14 or #15 or #16 or #17 or #18 or #19 or #20	59338
#22	#13 and #21 Publication Date from 2012 to 2014	3

CINAHL, AMED, PsycINFO:

#	Query	Results
S11	S5 or S10	604
S10	S8 and S9	85
S9	S2 or S7	101193
S8	S1 and S6	1102
S7	(MH "Publishing+")	100879
S6	(MH "Bias (Research)+")	6823
S5	S3 or S4	550
S4	S1 and S2	56
S3	(MH "Publication Bias")	515
S2	(DE "PUBLICATIONS") OR (DE "PUBLISHING")	5208
S1	TI bias OR AB bias	43752

Update Search April 2014

#	Query	Results
S12	S5 OR S10 Limiters - Published Date: 20120101-20141231	207
S11	S5 OR S10	806
S10	S8 AND S9	102
S9	S2 OR S7	118,833
S8	S1 AND S6	1,312
S7	(MH "Publishing+")	118,465
S6	MH "Bias (Research)+"	7,896
S5	S3 OR S4	740
S4	S1 AND S2	62
S3	MH publication bias OR DE publication bias	699
S2	DE PUBLICATIONS OR DE PUBLISHING	6,209
S1	TI bias OR AB bias	53,775

Known Interventions (May 2014)

1. Prospective trial Registration

PubMed:

Search	Query	Items found
#1	Search (("prospective registration"[tiab] AND (Trial[tiab] OR trials[tiab])) OR "prospective trial registration"[tiab] OR "trial registration policy"[tiab] OR ("compulsory registration"[tiab] AND (trial[tiab] OR trials[tiab])) OR "compulsory trial registration"[tiab] OR ("mandatory registration"[tiab] AND (trial OR trials[tiab])) OR "mandatory trial registration"[tiab] OR (registration[tiab] AND (trial[tiab] OR trials[tiab]) AND precondition[tiab]))	55
#2	Search (publication bias[MeSH Terms] OR bias epidemiology[MeSH Terms] OR information dissemination[MeSH Terms] OR clinical trials as topic[MeSH Terms] OR databases as topic[MeSH Terms] OR databases, factual[MeSH Terms] OR quality control[MeSH Terms] OR registries[MeSH Terms])	505052
#3	Search ("Publishing/ethics"[Mesh] OR "Publishing/methods"[Mesh] OR "Publishing/standards"[Mesh] OR "Publishing/statistics and numerical data"[Mesh] OR "Publishing/trends"[Mesh])	11324
#4	Search (bias*[tiab] OR transparency[tiab] OR (disclos*[tiab] AND (results[tiab] OR outcome[tiab])) OR "Program Evaluation"[Mesh])	194952
#5	Search (#1 AND (#2 OR #3 OR #4))	46
#14	Search (#5 NOT ("Editorial" [Publication Type] OR "Comment" [Publication Type] OR "Ephemera"[Publication Type] OR "Guideline"[Publication Type]))	30

The Cochrane Library:

ID	Search	Hits
#1	((("prospective registration" or "compulsory registration" or "mandatory registration") near/2 (trial or trials)) or "prospective trial registration" or "compulsory trial registration" or "mandatory trial registration" or (registration near/3 (trial or trials) and precondition)):ti,ab	34
#2	[mh "publication bias"] or [mh "clinical trial as topic"] or [mh "databases as topic"] or [mh "database, factual"] or [mh "information dissemination"] or [mh "quality control"] or [mh registries] or [mh "bias epidemiology"]	60069
#3	[mh publishing/ST,SN,MT,ES,TD]	42
#4	bias:ti,ab,kw or transparency:ti,ab,kw	12795
#5	(disclos* or publicat*):ti,ab near/3 (result* or outcome*):ti,ab	690
#6	#2 or #3 or #4 or #5	70194
#7	#1 and #6	11

CINAHL,AMED,PsycINFO:

ID	Search	Hits
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S1	("prospective trial registration" OR "trial* registration policy" OR "compulsory trial registration" OR "mandatory trial registration") OR (("prospective registration" OR "mandatory registration" OR "compulsory registration") n3 (trial or trials))	20
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EMBASE:

No.	Query	Results
#1	'statistical bias'/exp OR bias:ab,ti	108355
#2	'register'/exp OR 'factual database'/exp OR 'publishing'/exp	132214
#3	'prospective trial registration':ab,ti OR (trial* NEXT/1 'registration policy'):ab,ti OR ((compulsory OR mandatory) NEXT/1 'trial registration'):ab,ti OR (('prospective registration' OR 'mandatory registration' OR 'compulsory registration') NEAR/3 (trial OR trials)):ab,ti	80
#4	#1 OR #2	236715
#5	#3 AND #4	44
#6	#5 AND [embase]/lim NOT [medline]/lim	11

2. Peer Review

PubMed:

Search	Query	Items found
#1	Search ("open peer review"[tiab] OR "anonymous peer review"[tiab] OR "blinded peer review"[tiab])	84
#2	Search "peer review"[mh] AND (blinded[tiab] OR blinding[tiab] OR "anonymous review"[tiab] OR "open review"[tiab])	118
#3	Search "peer review"[mh] AND ("review process"[tiab] OR practice[tiab] OR practices[tiab] OR methods[tiab] OR method[tiab]) AND (changed[tiab] OR changes[tiab] OR change[tiab])	291
#4	Search publication bias[MeSH Terms] OR bias epidemiology[MeSH Terms] OR information dissemination[MeSH Terms] OR clinical trials as topic[MeSH Terms] OR quality control[MeSH Terms]	370518
#5	Search editorial policies[MeSH Terms] OR review literature as topic[MeSH Terms] OR periodicals as topic[MeSH Terms]	44782
#6	Search "Publishing/ethics"[Mesh] OR "Publishing/methods"[Mesh] OR "Publishing/standards"[Mesh] OR "Publishing/statistics and numerical data"[Mesh] OR "Publishing/trends"[Mesh]	11324
#7	Search (#1 OR #2 OR #3)	466
#8	Search (#4 OR #5 OR #6)	415575
#9	Search (#7 AND #8)	211
#10	Search (#9 NOT ("Editorial" [Publication Type] OR "Comment" [Publication Type] OR "Ephemera"[Publication Type] OR "Guideline"[Publication Type]))	181

The Cochrane Library:

ID	Search	Hits
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#1	[mh "peer review"] and (blinded or blinding or "anonymous review" or "open review"):ti,ab	20
#2	[mh "peer review"] and (("review process" or practice or practices or methods or method) and chang*):ti,ab	20
#3	((open or anonymous or blinded) next/2 "peer review"):ti,ab	25
#4	[mh publishing/ST,SN,MT,ES,TD] or [mh "Clinical Trials as Topic"] or [mh "Periodicals as Topic"] or [mh "Editorial Policies"] or [mh "Review Literature as Topic"] or [mh "publication bias"] or [mh "bias epidemiology"] or [mh "information dissemination"] or [mh "quality control"]	58838
#5	bias:ti,ab or discrimination:ti,ab,kw or quality:ti,ab	53621
#6	#1 or #2 or #3	56
#7	#4 or #5	106650
#8	#6 and #7	37

CINAHL,AMED,PsycINFO:

#	Query	Results
S1	AB ("peer review" n2 (open OR anonymous OR blind OR blinding OR blinded)) OR TI ("peer review" n2 (open OR anonymous OR blind OR blinding OR blinded))	103
S2	AB ("peer review" n5 (("review process" OR practice OR practices OR methods OR method) AND (change OR changed OR changes))) OR TI ("peer review" n5 (("review process" OR practice OR practices OR methods OR method) AND (change OR changed OR changes)))	92
S3	S1 OR S2	192
S4	SU (bias OR quality)	220,174
S5	S3 AND S4	30

EMBASE:

No.	Query	Results
#1	('peer review' NEAR/2 (open OR anonymous OR blind OR blinding OR blinded)):ab,ti	126
#2	('peer review' NEAR/5 ('review process' OR practice OR practices OR methods OR method)):ab,ti AND (changed:ab,ti OR changes:ab,ti OR change:ab,ti OR evaluation:ab,ti OR evaluated:ab,ti)	329
#3	'peer review'/exp AND (blinded:ab,ti OR blinding:ab,ti OR 'anonymous review':ab,ti OR 'open review':ab,ti)	159
#4	#1 OR #2 OR #3	549
#5	'information dissemination'/exp OR 'policy'/exp OR 'clinical trial (topic)'/exp OR 'quality control procedures'/exp	1567381
#6	'statistical bias'/exp OR bias:ab,ti	108355
#7	discrimination:ab,ti OR quality:ab,ti	727432
#8	#5 OR #6 OR #7	2182919
#9	'publishing'/exp OR 'publication'/exp	142295
#10	#4 AND #8 AND #9	118
#11	#10 AND [embase]/lim NOT [medline]/lim	23

3. Conflict of Interest

PubMed:

Search	Query	Items found
#1	Search ("conflict of interest"[mh] AND disclosure[mh])	1500
#2	Search (((disclosure[tiab] OR disclose[tiab] OR disclosed[tiab]) AND (competing interest*[tiab] OR financial interest*[tiab])) OR author disclosure*[tiab])	148
#3	Search ((disclosure[tiab] OR disclose[tiab] OR disclosed[tiab]) AND (conflict* of interest[tiab] OR conflicting interests[tiab]))	820
#4	Search (#1 OR #2 OR #3)	2136
#6	Search ((reporting[tiab] OR reported[tiab]) AND (practice[tiab] OR practices[tiab] OR policy[tiab] OR policies[tiab]))	70770
#13	Search (research support as topic[MeSH Terms] OR information dissemination[MeSH Terms] OR editorial policies[MeSH Terms] OR review literature as topic[MeSH Terms] OR periodicals as topic[MeSH Terms] OR "Publishing/ethics"[Mesh] OR "Publishing/methods"[Mesh] OR "Publishing/standards"[Mesh] OR "Publishing/statistics and numerical data"[Mesh] OR "Publishing/trends"[Mesh] OR "Guidelines as Topic"[mh])	187382
#14	Search (#13 OR #6)	254638
#16	Search ("publication bias"[mh] OR bias[tiab] OR accuracy[tiab] OR quality[tiab])	842806
#19	Search (#4 AND #14)	883
#20	Search (#19 AND #16)	122
#21	Search (#20 NOT ("Editorial" [Publication Type] OR "Comment" [Publication Type] OR "Ephemera"[Publication Type] OR "Guideline"[Publication Type]))	88

The Cochrane Library:

ID	Search	Hits
#1	[mh "conflict of interest"]	19
#2	(disclosure or disclose or disclosed):ti,ab near/3 ("competing interest" or "financial interest"):ti,ab	3
#3	((conflict* next/2 interest*) near/3 (disclosure or disclose or disclosed)):ti,ab	34
#4	author disclosure:ti,ab	2
#5	[mh disclosure]	302
#6	{or #1-#5}	358
#7	((reporting or reported) and (practice or practices or policy or policies)):ti,ab	6793
#8	[mh publishing/ST,SN,MT,ES,TD] or [mh "Editorial Policies"] or [mh "information dissemination"] or [mh "research support as topic"] or [mh "Periodicals as Topic"] or [mh "Review Literature as Topic"] or [mh "guidelines as topic"]	2444
#9	#7 or #8	9080
#10	#6 and #9	45
#11	[mh "publication bias"] or [mh "bias epidemiology"] or (bias or accuracy or quality):ti,ab	60386
#12	#10 and #11	18

CINAHL,AMED,PsycINFO:

#	Query	Results
S1	TI (disclosure or disclose or disclosed) N3 ("competing interest" OR "financial interest") OR AB (disclosure or disclose or disclosed) N3 ("competing interest" OR "financial interest")	3
S2	TI ((conflict* N2 interest*) N3 (disclosure or disclose or disclosed)) OR AB ((conflict* N2 interest*) N3 (disclosure or disclose or disclosed))	218
S3	S1 OR S2	220
S4	SU bias OR accuracy OR quality	473,2
S5	S3 AND S4	36

EMBASE:

No.	Query	Results
#1	((disclosure OR disclose OR disclosed) NEAR/3 ('competing interest' OR 'financial interest')):ab,ti	19
#2	('conflict of interest' OR 'conflict of interest' OR 'conflicting interests') NEAR/3 (disclosure OR disclose OR disclosed):ab,ti	132
#3	'author disclosure':ab,ti	19
#5	'conflict of interest'/exp/mj AND (disclosure:ab,ti OR disclosures:ab,ti)	314
#6	#1 OR #2 OR #3 OR #5	412
#7	'financial management'/exp OR 'funding'/exp OR 'information dissemination'/exp OR 'publishing'/exp OR 'practice guideline'/exp	626140
#8	reporting:ab,ti OR reported:ab,ti AND (practice:ab,ti OR practices:ab,ti OR policy:ab,ti OR policies:ab,ti)	90671
#9	#7 OR #8	706058
#10	#6 AND #9	224
#11	'statistical bias'/exp OR bias:ab,ti OR accuracy:ab,ti OR quality:ab,ti	1062886
#12	#10 AND #11	44
#13	#12 AND [embase]/lim NOT [medline]/lim	14

4. Electronic Publishing

PubMed:

Search	Query	Items found
#1	Search (electronic publishing[tiab] OR electronic publication[tiab] OR electronic publications[tiab] OR online only journals[tiab] OR online journals[tiab] OR online publishing[tiab] OR online publication[tiab] OR online publications[tiab])	2975
#2	Search ("Review Literature as Topic"[Mesh] OR "Editorial Policies"[Mesh] OR "Periodicals as Topic"[Mesh] OR "Publishing"[Mesh:NoExp])	57384
#3	Search ((strategy[tiab] OR strategies[tiab] OR trend[tiab] OR trends[tiab] OR policy[tiab] OR policies[tiab]) AND (scholarly[tiab] OR academic[tiab] OR scientific[tiab]) AND (publishing[tiab] OR production[tiab]))	1268
#4	Search (#2 OR #3)	58436

#5	Search (#1 AND #4)	212
#6	Search (" Publication Bias "[Mesh] OR " Bias (Epidemiology) "[Mesh] OR bias*[tiab])	155672
#7	Search (advantage* [tiab] OR benefit [tiab] OR opportunit* [tiab])	624564
#8	Search (#6 OR #7)	770011
#9	Search (#5 AND #8)	25

The Cochrane Library:

ID	Search	Hits
#1	((electronic or online) near/2 (publication or publishing or journals)):ti,ab	117
#2	[mh "publication bias"] or [mh "Bias (Epidemiology)"] or bias*:ti,ab,kw	14332
#3	#1 and #2	22

CINAHL,AMED,PsycINFO:

#	Query	Results
S1	TI (electronic OR online) N2 (publication OR publishing OR journals) OR AB (electronic OR online) N2 (publication OR publishing OR journals)	1,384
S2	SU publishing OR publication	18,495
S3	S1 AND S2	247
S4	SU "publication bias" OR "access to information" OR "information dissemination"	17,248
S5	TI bias* OR AB bias*	73,882
S6	S4 OR S5	90,748
S7	S3 AND S6	55

EMBASE:

No.	Query	Results
#1	((electronic OR online) NEAR/2 (publication OR publishing OR journals)):ab,ti	3252
#2	'publishing'/exp OR 'publication'/exp	142295
#3	#1 AND #2	488
#6	'statistical bias'/exp OR bias*:ab,ti	141409
#9	'access to information'/exp OR 'information dissemination'/exp	24653
#10	#6 OR #9	165805
#11	#3 AND #10	58
#12	#11 AND [embase]/lim NOT [medline]/lim	25

5. Open Access

PubMed:

Search	Query	Items found
#1	Search open access [tiab]	2669
#2	Search (" Publishing/methods "[Mesh] OR " Publishing/organization and administration "[Mesh] OR " Publishing/standards "[Mesh] OR " Publishing/trends "[Mesh])	10715
#3	Search (editorial policies [MeSH Terms] OR review literature as topic [MeSH Terms] OR periodicals as topic [MeSH Terms] OR	196014

	"Databases as Topic"[Mesh] OR "Access to Information"[Mesh] OR "Information Dissemination"[Mesh] OR "Registries"[Mesh])	
#4	Search (#2 OR #3)	200964
#5	Search (#1 AND #4)	773
#6	Search ("Publication Bias"[Mesh] OR "Bias (Epidemiology)"[Mesh] OR bias*[tiab])	155818
#7	Search (#5 AND #6)	17

The Cochrane Library:

ID	Search	Hits
#1	open access	212
#2	[mh publishing/ST,MT,OD,TD]	30
#3	((electronic or online or internet) near/6 (publication* or publishing or journal*)):ti,ab,kw or (dissemination or policy or policies):ti,ab,kw	5894
#4	[mh "editorial policies"] or [mh "periodicals as topic"] or [mh "databases as topic"] or [mh registries] or [mh "access to information"] or [mh "information dissemination"]	2270
#5	{or #2-#4}	7968
#6	#1 and #5	35
#7	[mh "publication bias"] or [mh "bias epidemiology"] or [mh "quality control"]	3322
#8	bias*:ti,ab,kw	12696
#9	#7 or #8	14806
#10	#6 and #9	8

CINAHL,AMED,PsycINFO:

#	Query	Results
S1	TI open access OR AB open access	1,497
S2	TI (dissemination or policy or policies) OR AB (dissemination or policy or policies)	165,713
S3	TI ((electronic OR online OR internet) N6 (publication* OR publishing OR journal*)) OR AB ((electronic OR online OR internet) N6 (publication* OR publishing OR journal*))	3,433
S4	S2 OR S3	168,877
S5	S1 AND S4	262
S6	TI bias* OR AB bias* OR SU bias*	73,907
S7	S5 AND S6	6

EMBASE:

No.	Query	Results
#1	'open access':ab,ti	4535
#2	'publishing'/exp OR 'access to information'/exp OR 'information dissemination'/exp OR 'register'/exp OR 'data base'/exp OR 'publication'/exp	430548
#3	((electronic OR online OR internet) NEAR/6 (publication* OR publishing OR journal*)):ab,ti	7620
#4	#2 OR #3	436402
#5	#1 AND #4	1242

#6	bias*:ab,ti OR 'statistical bias'/exp	141571
#7	#5 AND #6	34

6. Right to Publication

PubMed:

Search	Query	Items found
#1	Search right to publi*[all fields]	1
#2	Search ((sponsored research[tiab] OR sponsored trial*[tiab] OR sponsored study[tiab] OR sponsored studies[tiab]) AND (publish*[tiab] OR publicat*[tiab]))	142
#3	Search (#1 OR #2)	143
#4	Search ("Publishing"[Mesh] OR "Information Dissemination"[Mesh] OR "Review Literature as Topic"[Mesh] OR "Periodicals as Topic"[Mesh])	77751
#5	Search (right[tiab] OR disseminat*[tiab] OR reporting[tiab] OR reported[tiab])	1683544
#6	Search (#4 OR #5)	1754176
#7	Search (#3 AND #6)	98
#8	Search ("Publication Bias"[Mesh] OR "Bias (Epidemiology)"[Mesh] OR bias*[tiab])	155818
#9	Search (#7 AND #8)	38

The Cochrane Library:

ID	Search	Hits
#1	right:ti,ab near/2 publi*:ti,ab	21
#2	(sponsored:ti,ab next/2 (research or trial* or study or studies):ti,ab) near/6 (publish* or publicat*):ti,ab	10
#3	#1 or #2	30
#4	[mh "publication bias"] or [mh "bias epidemiology"] or bias*:ti,ab,kw	14334
#5	#3 and #4	13

CINAHL,AMED,PsycINFO:

#	Query	Results
S1	TI right N2 publi* OR AB right N2 publi*	433
S2	TI ((sponsored N2 (research OR trial* OR study OR studies)) N6 (publish* OR publicat*)) OR AB ((sponsored N2 (research OR trial* OR study OR studies)) N6 (publish* OR publicat*))	17
S3	S1 OR S2	450
S4	TI bias* OR AB bias*	73,907
S5	SU bias*	25,843
S6	S4 OR S5	82,818
S7	S3 AND S6	6

EMBASE:

No.	Query	Results
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#1	(right NEAR/2 publi*):ab,ti	129
#2	(sponsored NEXT/2 (research OR trial* OR study OR studies)):ab,ti AND (publish*:ab,ti OR publicat*:ab,ti)	326
#3	'publishing'/exp OR 'publication'/exp OR 'information dissemination'/exp	153849
#4	right:ab,ti OR disseminat*:ab,ti OR reported:ab,ti OR reporting:ab,ti	2101478
#5	#1 OR #2	455
#6	#3 OR #4	2242914
#7	#5 AND #6	318
#8	bias*:ab,ti OR 'statistical bias'/exp	141571
#9	#7 AND #8	40
#10	#9 AND [embase]/lim NOT [medline]/lim	12

7. Research sponsors' guidelines

PubMed:

Search	Query	Items found
#1	Search ("Clinical Trials Directive"[tiab] OR "Declaration of Helsinki"[tiab] OR "CONSORT Statement"[tiab] OR "International Conference on Harmonisation"[tiab] AND (guideline*[tiab] OR standards[tiab] OR standard[tiab]))	632
#2	Search (research[tiab] AND sponsor*[tiab] AND guideline*[tiab] AND (standard[tiab] OR standards[tiab]))	89
#3	Search (#1 OR #2)	716
#4	Search ("Guidelines as Topic"[Mesh] OR "Guideline Adherence"[Mesh] OR "Quality Control"[Mesh])	161305
#5	Search (compliance[tiab] OR adherence[tiab])	142255
#6	Search (#4 OR #5)	292729
#7	Search (#3 AND #6)	294
#8	Search ("Publication Bias"[Mesh] OR "Bias (Epidemiology)"[Mesh] OR bias*[tiab])	155818
#9	Search (#7 AND #8)	45
#10	Search (#9 NOT "Guideline"[Publication Type])	43

The Cochrane Library:

ID	Search	Hits
#1	((("Clinical Trials Directive" or "Declaration of Helsinki" or "CONSORT Statement" or "International Conference on Harmonisation") and (guideline* or standards or standard)):ti,ab	168
#2	(research and sponsor* and guideline*):ti,ab	29
#3	#1 or #2	197
#4	[mh "Guidelines as Topic"] or [mh "Quality Control"] or [mh "guideline adherence"]	2855
#5	(compliance or adherence):ti,ab	17111
#6	#4 or #5	19493
#7	#3 and #6	34
#8	[mh "publication bias"] or [mh "bias epidemiology"] or bias*:ti,ab,kw	14334
#9	#7 and #8	7

CINAHL,AMED,PsycINFO:

#	Query	Results
S1	TI ("Clinical Trials Directive" OR "Declaration of Helsinki" OR "CONSORT Statement" OR "International Conference on Harmonisation") AND (guideline* OR standards OR standard)) OR AB (("Clinical Trials Directive" OR "Declaration of Helsinki" OR "CONSORT Statement" OR "International Conference on Harmonisation") AND (guideline* OR standards OR standard))	183
S2	TI (research AND sponsor* AND guideline*) OR AB (research AND sponsor* AND guideline*)	201
S3	S1 OR S2	382
S4	TI bias* OR AB bias* OR SU bias*	82,818
S5	S3 AND S4	32
S6	TI (compliance OR adherence OR quality) OR AB (compliance OR adherence OR quality) OR SU (compliance OR adherence OR quality)	457,654
S7	S5 AND S6	21

EMBASE:

No.	Query	Results
#1	'clinical trials directive':ab,ti OR 'declaration of helsinki':ab,ti OR 'consort statement':ab,ti OR 'international conference on harmonisation':ab,ti AND (guideline*:ab,ti OR standards:ab,ti OR standard:ab,ti)	981
#2	research:ab,ti AND sponsor*:ab,ti AND guideline*:ab,ti	656
#3	#1 OR #2	1588
#4	'practice guideline'/exp OR 'protocol compliance'/exp OR 'quality control'/exp	544048
#5	compliance:ab,ti OR adherence:ab,ti	192296
#6	#4 OR #5	714152
#7	#3 AND #6	854
#8	bias*:ab,ti OR 'statistical bias'/exp	141571
#9	#7 AND #8	72
#10	#9 AND [embase]/lim NOT [medline]/lim	14

8. Confirmatory large-scale trials

PubMed:

Search	Query	Items found
#1	Search (confirmatory trial*[tiab] OR confirmatory study[tiab] OR confirmatory studies[tiab])	945
#2	Search ((large scale trial*[tiab] OR large trial*[tiab] OR Multicentre trial*[tiab] OR Multicenter trial*[tiab] OR large scale study[tiab] OR large scale studies[tiab] OR large study[tiab] OR large studies[tiab] OR multicenter study[tiab] OR multicentre studies[tiab]) AND confirmatory[tiab])	70
#3	Search (("Multicenter Studies as Topic"[Mesh] OR "Randomized Controlled Trials as Topic"[Mesh]) AND confirmatory[tiab])	160

#4	Search (#1 OR #2 OR #3)	1110
#5	Search (" Statistics as Topic "[Mesh:NoExp] OR " Epidemiologic Research Design "[Mesh:NoExp] OR " Reproducibility of Results "[Mesh] OR " Quality Control "[Mesh])	381835
#6	Search (validity [tiab] OR validation [tiab] OR validating [tiab] OR refuting [tiab] OR refutation [tiab] OR assessing [tiab] OR assessment [tiab])	866683
#7	Search (#5 OR #6)	1157732
#8	Search (#4 AND #7)	198
#9	Search (" Publication Bias "[Mesh] OR " Bias (Epidemiology) "[Mesh] OR bias* [tiab])	155818
#10	Search (#8 AND #9)	21

The Cochrane Library:

ID	Search	Hits
#1	(confirmatory next/3 (trial or study or studies)):ti,ab (Word variations have been searched)	157
#2	([mh "Multicenter Studies as Topic"] or [mh "Randomized Controlled Trials as Topic"]) and confirmatory:ti,ab (Word variations have been searched)	13
#3	#1 or #2	164
#4	[mh "publication bias"] or [mh "bias epidemiology"] or bias*:ti,ab,kw	14334
#5	#3 and #4	6

CINAHL,AMED,PsycINFO:

#	Query	Results
S1	TI (confirmatory N3 (trial OR study OR studies)) OR AB (confirmatory N3 (trial OR study OR studies))	1,271
S2	TI (validity OR validation OR validating OR refuting OR refutation OR assessing OR assessment) OR AB (validity OR validation OR validating OR refuting OR refutation OR assessing OR assessment)	540,41
S3	SU "research design" OR Reproducibility OR "Research Design" OR quality	425,54
S4	S2 OR S3	896,43
S5	S1 AND S4	665
S6	TI bias* OR AB bias* OR SU bias*	82,818
S7	S5 AND S6	22

EMBASE:

No.	Query	Results
#1	(confirmatory NEXT/3 (trial OR study OR studies)):ab,ti	1590
#2	'multicenter study (topic)'/exp OR 'randomized controlled trial (topic)'/exp AND confirmatory:ab,ti	92
#3	#1 OR #2	1658
#4	'reproducibility'/exp OR 'quality control'/exp	382542
#5	validity:ab,ti OR validation:ab,ti OR validating:ab,ti OR refuting:ab,ti OR refutation:ab,ti OR assessing:ab,ti OR assessment:ab,ti	1112684
#6	#4 OR #5	1395508
#7	#3 AND #6	290

#8	bias*: ab,ti OR ' statistical bias '/exp	141571
#9	#7 AND #8	15