

Supplementary file 4: Search Strategies of Overview of Systematic Reviews, by database

Medline (via PubMed): 10 July 2017

#	Suchen	Ergebnisse
1	Dementia/ or exp Alzheimer Disease/	117573
2	Cognitive Dysfunction/	5969
3	Cognition/	81563
4	(dementia or alzheimer*).ti,ab.	175194
5	((cognit* or memory or mental) adj3 (impair* or decline* or deficit* or reduc* or function*)).ti,ab.	167110
6	or/1-5	371089
7	exp Leisure Activities/	209051
8	leisure.ti,ab.	13073
9	(hobby or hobbies).ti,ab.	1465
10	free time.ti,ab.	1405
11	Recreation.ti,ab.	4826
12	(in-door or out-door or indoor or outdoor).ti.	8929
13	(garden* or horticultur*).ti.	3216
14	(play* or game? or gaming).ti.	46562
15	(creativ* or painting or drawing or reading).ti.	24387
16	(voluntary or volunteer* or extracurricular).ti.	32266
17	or/7-16	321695
18	6 and 17	9189
19	exp age groups/ not (exp aged/ or middle aged/)	3712487
20	18 not 19	6496
21	(systematic or structured or evidence or trials).ti. and ((review or overview or look or examination or update* or summary).ti. or review.pt.)	118333
22	(0266-4623 or 1469-493X or 1366-5278 or 1530-440X).is.	15710
23	meta-analysis.pt. or Network Meta-Analysis/ or (meta-analys* or meta analys* or metaanalys* or meta synth* or meta-synth* or metasynth*).tw,hw.	145368
24	review.pt. and ((medline or medlars or embase or pubmed or scisearch or psychinfo or psycinfo or psychlit or psyclit or cinahl or electronic database* or bibliographic database* or computeri#ed database* or online database* or pooling or pooled or mantel haenszel or peto or dersimonian or der simonian or fixed effect or ((hand adj2 search* or (manual* adj2 search*))).tw,hw. or (retraction of publication or retracted publication).pt.)	117882
25	((systematic or meta) adj2 (analys* or review)).ti,kf. or ((systematic* or quantitativ* or methodologic*) adj5 (review* or overview*)).tw,hw. or (quantitativ\$ adj5 synthesis\$).tw,hw.	171997

26	(integrative research review* or research integration).tw. or scoping review?.ti,kf. or (review.ti,kf,pt. and (trials as topic or studies as topic).hw.) or (evidence adj3 review*).ti,ab,kf.	167686
27	21 or 22 or 23 or 24 or 25 or 26	412039
28	27 not (case report/ or letter.pt.)	401602
29	20 and 28	243
30	remove duplicates from 29	229

Medline (via PubMed): 4 April 2018

#	Searches	Results
1	Dementia/ or exp Alzheimer Disease/	118622
2	Cognitive Dysfunction/	7904
3	Cognition/	82628
4	Cognitive Reserve/	388
5	(dementia or alzheimer*).ti,ab.	179042
6	((cognit* or memory or mental) adj3 (impair* or decline* or deficit* or reduc* or function*)).ti,ab.	171766
7	or/1-6	378437
8	exp Leisure Activities/	207917
9	leisure.ti,ab.	13201
10	(hobby or hobbies).ti,ab.	1472
11	free time.ti,ab.	1429
12	Recreation.ti,ab.	4900
13	(in-door or out-door or indoor or outdoor).ti.	9232
14	(garden* or horticultur*).ti.	3312
15	(play* or game? or gaming).ti.	47658
16	(creativ* or painting or drawing or reading).ti.	24235
17	(voluntary or volunteer* or extracurricular).ti.	32218
18	(cognitiv* adj2 (activity or activities)).ti.	521
19	or/8-18	322366
20	7 and 19	9826
21	exp age groups/ not (exp aged/ or middle aged/)	3685197
22	20 not 21	6996
23	(systematic or structured or evidence or trials).ti. and ((review or overview or look or examination or update* or summary).ti. or review.pt.)	126873
24	(0266-4623 or 1469-493X or 1366-5278 or 1530-440X).is.	15689
25	meta-analysis.pt. or Network Meta-Analysis/ or (meta-analys* or meta analys* or metaanalys* or meta synth* or meta-synth* or metasynt*).tw,hw.	151505
26	review.pt. and ((medline or medlars or embase or pubmed or scisearch or psychinfo or psycinfo or psychlit or psyclit or cinahl or electronic database* or bibliographic database* or computeri#ed database* or online database* or pooling or pooled or mantel haenszel or peto or dersimonian or der simonian or fixed effect or ((hand adj2 search*) or (manual* adj2 search*))).tw,hw. or (retraction of publication or retracted publication).pt.)	125835
27	((systematic or meta) adj2 (analys* or review)).ti,kf. or ((systematic* or quantitativ* or methodologic*) adj5 (review* or overview*)).tw,hw. or (quantitativ\$ adj5 synthesis\$).tw,hw.	184250

28	(integrative research review* or research integration).tw. or scoping review?.ti,kf. or (review.ti,kf,pt. and (trials as topic or studies as topic).hw.) or (evidence adj3 review*).ti,ab,kf.	168915
29	23 or 24 or 25 or 26 or 27 or 28	425049
30	29 not (case report/ or letter.pt.)	414173
31	22 and 30	283
32	("2017/07*" or "2017/08*" or "2017/09*" or "2017/1*" or 2018*).dt.	947449
33	(201707* or 201708* or 201709* or 20171* or 2018*).ed.	745570
34	32 or 33	1543513
35	31 and 34	53
36	remove duplicates from 35	52

Embase: 17 Juli 2017

No.	Query	Results
#1	'alzheimer disease'/exp	158632
#2	'mild cognitive impairment'/exp	17483
#3	'dementia'/de	98402
#4	dementia:ti,ab OR alzheimer*:ti,ab	230453
#5	((cognit* OR memory OR mental) NEAR/3 (impair* OR decline* OR deficit* OR reduc* OR function*)):ti,ab	226651
#6	#1 OR #2 OR #3 OR #4 OR #5	440912
#7	'recreation'/exp	57806
#8	leisure:ti,ab	16016
#9	hobby:ti,ab OR hobbies:ti,ab	2028
#10	'free time':ti,ab	1939
#11	recreation:ti,ab	6442
#12	'in door':ti OR 'out door':ti OR indoor:ti OR outdoor:ti	11551
#13	garden*:ti OR horticultur*:ti	3581
#14	play*:ti OR game:ti OR games:ti OR gaming:ti	52543
#15	creativ*:ti OR painting:ti OR drawing:ti OR reading:ti	25887
#16	voluntary:ti OR volunteer*:ti OR extracurricular:ti	38793
#17	#7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16	196912
#18	#6 AND #17	5027
#19	'groups by age'/exp AND ('middle aged'/exp OR 'aged'/exp)	3258589
#20	#18 NOT #19	3277
#21	systematic review'/exp OR 'meta analysis'/exp	211886
#22	meta analys*:ti,ab OR metaanalys*:ti,ab OR 'meta synth*:ti,ab OR metasynt*:ti,ab OR ((systematic* OR quantitativ* OR methodologic*) NEAR/5 (review* OR overview* OR synthes*)):ti,ab	239389
#23	systematic:ti OR structured:ti OR evidence:ti OR trials:ti AND (review:ti OR overview:ti OR look:ti OR examination:ti OR update*:ti OR summary:ti)	98173
#24	#21 OR #22 OR #23	306796
#25	#24 NOT ('case report'/exp OR 'case study'/exp)	301911
#26	#20 AND #25	128

Embase: 4 April 2018

No.	Query	Results
#1	'alzheimer disease'/exp	167669
#2	'mild cognitive impairment'/exp OR 'dementia'/de	115768
#3	'cognitive reserve'/de	1341
#4	dementia:ti,ab OR alzheimer*:ti,ab	245434
#5	((cognit* OR memory OR mental) NEAR/3 (impair* OR decline* OR deficit* OR reduc* OR function*)):ti,ab	244167
#6	#1 OR #2 OR #3 OR #4 OR #5	470026
#7	'recreation'/exp	61588
#8	leisure:ti,ab	16979
#9	hobby:ti,ab OR hobbies:ti,ab	2145
#10	'free time':ti,ab	2061
#11	recreation:ti,ab	6767
#12	'in door':ti OR 'out door':ti OR indoor:ti OR outdoor:ti	12183
#13	garden*:ti OR horticultur*:ti	3745
#14	play*:ti OR game:ti OR games:ti OR gaming:ti	55639
#15	creativ*:ti OR painting:ti OR drawing:ti OR reading:ti	26738
#16	voluntary:ti OR volunteer*:ti OR extracurricular:ti OR ((cognitiv* NEAR/2 (activity OR activities)):ti)	39956
#17	#7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16	207154
#18	#6 AND #17	5442
#19	'groups by age'/exp AND ('middle aged'/exp OR 'aged'/exp)	345120
#20	#18 NOT #19	2
#21	'systematic review'/exp OR 'meta analysis'/exp	3533
#22	'meta analys*':ti,ab OR metaanalys*:ti,ab OR 'meta synth*':ti,ab OR metasynt*:ti,ab OR (((systematic* OR quantitativ* OR methodologic*) NEAR/5 (review* OR overview* OR synthes*)):ti,ab)	239710
#23	(systematic:ti OR structured:ti OR evidence:ti OR trials:ti) AND (review:ti OR overview:ti OR look:ti OR examination:ti OR update*:ti OR summary:ti)	267896
#24	#21 OR #22 OR #23	112383
#25	#24 NOT ('case report'/exp OR 'case study'/exp)	342728
#26	#20 AND #25	337160
#27	#26 AND [1-7-2017]/sd NOT [5-4-2018]/sd	145
#28	#26 AND [2017-2018]/py	26
#29	#27 OR #28	30
		35

CINAHL (Ebsco): 17 July 2017

#	Query	Limiters/Expanders	Results
S1	(MH "Alzheimer's Disease") OR (MH "Dementia")	Search modes - Find all my search terms	38,358
S2	dementia OR alzheimer*	Search modes - Find all my search terms	47,332
S3	((cognit* OR memory OR mental) N3 (impair* OR decline* OR deficit* OR reduc* OR function*))	Search modes - Find all my search terms	30,037
S4	S1 OR S2 OR S3	Search modes - Find all my search terms	68,971
S5	(MH "Leisure Activities+")	Search modes - Find all my search terms	36,998
S6	leisure OR hobby OR hobbies OR "free time" OR Recreation	Search modes - Find all my search terms	11,096
S7	TI in-door OR out-door OR indoor OR outdoor OR garden* OR horticultur* OR play* OR game OR games OR gaming OR creativ* OR painting OR drawing OR reading OR voluntary OR volunteer* OR extracurricular	Search modes - Find all my search terms	31,628
S8	S5 OR S6 OR S7	Search modes - Find all my search terms	69,497
S9	S4 AND S8	Search modes - Find all my search terms	2,053
S10	MH "Animal Studies"	Search modes - Find all my search terms	41,599
S11	S9 NOT S10	Search modes - Find all my search terms	2,051
S12	MH "Named Groups by Age+" NOT (MH "Middle Age" OR MH "Aged+")	Search modes - Find all my search terms	564,745
S13	S11 NOT S12	Search modes - Find all my search terms	1,855
S14	(MH "Systematic Review") OR (MH "Meta Analysis")	Search modes - Find all my search terms	42,089
S15	meta-analys* OR meta analys* OR metaanalys* OR meta synth* OR meta-synth* OR metasynth*	Search modes - Boolean/Phrase	31,338
S16	(systematic* OR quantitativ* OR methodologic*) N4 (review* OR overview* OR synthes*)	Search modes - Boolean/Phrase	55,272
S17	TI (systematic OR structured OR evidence OR trials) AND (review OR overview OR look OR examination OR update* OR summary)	Search modes - Boolean/Phrase	27,392
S18	S14 OR S15 OR S16 OR S17	Search modes - Find all my search terms	72,333
S19	S13 AND S18	Search modes - Find all my search terms	71

CINAHL (Ebsco): 4 April 2018

#	Query	Limiters/Expanders	Results
S1	(MH "Alzheimer's Disease") OR (MH "Dementia")	Search modes - Find all my search terms	40,163
S2	dementia OR alzheimer*	Search modes - Find all my search terms	50,045
S3	((cognit* OR memory OR mental) N3 (impair* OR decline* OR deficit* OR reduc* OR function*))	Search modes - Find all my search terms	32,819
S4	S1 OR S2 OR S3	Search modes - Find all my search terms	73,730
S5	(MH "Leisure Activities+")	Search modes - Find all my search terms	39,894
S6	leisure OR hobby OR hobbies OR "free time" OR Recreation	Search modes - Find all my search terms	11,740
S7	TI (in-door OR out-door OR indoor OR outdoor OR garden* OR horticultur* OR play* OR game OR games OR gaming OR creativ* OR painting OR drawing OR reading OR oluntary OR volunteer* OR extracurricular) OR TI (cognitiv* W1 (activity OR activities))	Search modes - Find all my search terms	33,266
S8	S5 OR S6 OR S7	Search modes - Find all my search terms	73,940
S9	S4 AND S8	Search modes - Find all my search terms	2,298
S10	MH "Animal Studies"	Search modes - Find all my search terms	43,752
S11	S9 NOT S10	Search modes - Find all my search terms	2,295
S12	MH "Named Groups by Age+" NOT (MH "Middle Age" OR MH "Aged+")	Search modes - Find all my search terms	594,058
S13	S11 NOT S12	Search modes - Find all my search terms	2,079
S14	(MH "Systematic Review") OR (MH "Meta Analysis")	Search modes - Find all my search terms	50,503
S15	meta-analys* OR meta analys* OR metaanalys* OR	Search modes - Boolean/Phrase	34,556

	meta synth* OR meta-synth* OR metasynt*		
S16	(systematic* OR quantitativ* OR methodologic*) N4 (review* OR overview* OR synthes*)	Search modes - Boolean/Phrase	63,373
S17	TI (systematic OR structured OR evidence OR trials) AND (review OR overview OR look OR examination OR update* OR summary)	Search modes - Boolean/Phrase	30,586
S18	S14 OR S15 OR S16 OR S17	Search modes - Find all my search terms	81,245
S19	S13 AND S18	Search modes - Find all my search terms	93
S20		Limiters - Published Date: 20170701- Search modes - Find all my search terms	156,794
S21	EM 20170701-	Search modes - Find all my search terms	208,855
S22	S20 OR S21	Search modes - Find all my search terms	253,372
S23	S22 AND S19	Search modes - Find all my search terms	27

PsycINFO (Ebsco): 18 July 2017

#	Query	Limiters/Expanders	Results
S1	DE "Alzheimer's Disease"	Search modes - Find all my search terms	39,908
S2	DE "Senile Dementia"	Search modes - Find all my search terms	1,063
S3	DE "Cognitive Impairment"	Search modes - Find all my search terms	30,416
S4	dementia OR alzheimer*	Search modes - Find all my search terms	94,008
S5	((cognit* OR memory OR mental) N3 (impair* OR decline* OR deficit* OR reduc* OR function*))	Search modes - Find all my search terms	138,651
S6	S1 OR S2 OR S3 OR S4 OR S5	Search modes - Find all my search terms	200,033
S7	(((((DE "Leisure Time") OR (DE "Hobbies")) AND (DE "Recreation" OR DE "Clubs (Social Organizations)" OR DE "Traveling" OR DE "Vacationing"))) OR (DE "Gambling")) AND (DE "Games" OR DE "Chess" OR DE "Computer Games"))	Search modes - Find all my search terms	347
S8	leisure OR hobby OR hobbies OR "free time" OR Recreation	Search modes - Find all my search terms	37,212
S9	TI (in-door OR out-door OR indoor OR outdoor OR garden* OR horticultur* OR play* OR game OR games OR gaming OR creativ* OR painting OR drawing OR reading OR voluntary OR volunteer* OR extracurricular) OR SU (in-door OR out-door OR indoor OR outdoor OR garden* OR horticultur* OR play* OR game OR games OR gaming OR creativ* OR painting OR drawing OR reading OR voluntary OR volunteer* OR extracurricular)	Search modes - Find all my search terms	175,457
S10	S7 OR S8 OR S9	Search modes - Find all my search terms	207,264
S11	S6 AND S10	Search modes - Find all my search terms	5,662
S12	(ZG "adolescence (13-17 yrs)" or ZG "adulthood (18 yrs & older)" or ZG "childhood (birth-12 yrs)") not (ZG "aged (65 yrs & older)" or ZG "middle age (40-64 yrs)")	Search modes - Find all my search terms	1,627,211
S13	S11 NOT S12	Search modes - Find all my search terms	3,357
S14	(DE "Animals") OR TI (rat OR rats OR mouse OR mice OR dog OR dogs) OR SU (rat OR rats OR mouse OR mice OR dog OR dogs)	Search modes - Find all my search terms	311,593
S15	S13 NOT S14	Search modes - Find all my search terms	3,212

S16	(DE "Drug Therapy")	Search modes - Find all my search terms	127,11
S17	S15 NOT S16	Search modes - Find all my search terms	3,161
S18	DE "Meta Analysis"	Search modes - Find all my search terms	4,026
S19	meta-analys* OR meta analys* OR metaanalys* OR meta synth* OR meta-synth* OR metasynt*	Search modes - Boolean/Phrase	27,695
S20	(systematic* OR quantitativ* OR methodologic*) N4 (review* OR overview* OR synthes*)	Search modes - Find all my search terms	27,454
S21	TI (systematic OR structured OR evidence OR trials) AND TI (review OR overview OR look OR examination OR update* OR summary)	Search modes - Find all my search terms	16,949
S22	S18 OR S19 OR S20 OR S21	Search modes - Find all my search terms	51,681
S23	S17 AND S22	Search modes - Find all my search terms	73

PsycINFO (Ebsco): 5 April 2018

#	Query	Limiters/Expanders	Results
S1	DE "Alzheimer's Disease"	Search modes - Find all my search terms	41,959
S2	DE "Senile Dementia" OR DE "Cognitive Impairment"	Search modes - Find all my search terms	33,077
S3	DE "Cognitive Reserve"	Search modes - Find all my search terms	353
S4	dementia OR alzheimer*	Search modes - Find all my search terms	98,945
S5	((cognit* OR memory OR mental) N3 (impair* OR decline* OR deficit* OR reduc* OR function*))	Search modes - Find all my search terms	146,379
S6	S1 OR S2 OR S3 OR S4 OR S5	Search modes - Find all my search terms	210,573
S7	(((((DE "Leisure Time") OR (DE "Hobbies")) AND (DE "Recreation" OR DE "Clubs (Social Organizations)" OR DE "Traveling" OR DE "Vacationing"))) OR (DE "Gambling"))) AND (DE "Games" OR DE "Chess" OR DE "Computer Games"))	Search modes - Find all my search terms	358
S8	leisure OR hobby OR hobbies OR "free time" OR Recreation	Search modes - Find all my search terms	39,017
S9	TI (in-door OR out-door OR indoor OR outdoor OR garden* OR horticultur* OR play* OR game OR games OR gaming OR creativ* OR painting OR drawing OR reading OR voluntary OR volunteer* OR extracurricular OR (cognitiv* W1 activit*)) OR SU (in-door OR out-door OR indoor OR outdoor OR garden* OR horticultur* OR play* OR game OR games OR gaming OR creativ* OR painting OR drawing OR reading OR voluntary OR volunteer* OR extracurricular OR (cognitiv* W1 activit*))	Search modes - Find all my search terms	182,299
S10	S7 OR S8 OR S9	Search modes - Find all my search terms	215,667
S11	S6 AND S10	Search modes - Find all my search terms	6,166
S12	(ZG "adolescence (13-17 yrs)" or ZG "adulthood (18 yrs & older)" or ZG "childhood (birth-12 yrs)") not (ZG "aged (65 yrs & older)" or ZG "middle age (40-64 yrs)")	Search modes - Find all my search terms	1,695,146

S13	S11 NOT S12	Search modes - Find all my search terms	3,706
S14	(DE "Animals") OR TI (rat OR rats OR mouse OR mice OR dog OR dogs) OR SU (rat OR rats OR mouse OR mice OR dog OR dogs)	Search modes - Find all my search terms	318,343
S15	S13 NOT S14	Search modes - Find all my search terms	3,539
S16	(DE "Drug Therapy")	Search modes - Find all my search terms	129,812
S17	S15 NOT S16	Search modes - Find all my search terms	3,481
S18	DE "Meta Analysis"	Search modes - Find all my search terms	4,152
S19	meta-analys* OR meta analys* OR metaanalys* OR meta synth* OR meta-synth* OR metasynt*	Search modes - Boolean/Phrase	30,127
S20	(systematic* OR quantitativ* OR methodologic*) N4 (review* OR overview* OR synthes*)	Search modes - Find all my search terms	30,748
S21	TI (systematic OR structured OR evidence OR trials) AND TI (review OR overview OR look OR examination OR update* OR summary)	Search modes - Find all my search terms	19,166
S22	S18 OR S19 OR S20 OR S21	Search modes - Find all my search terms	56,448
S23	S17 AND S22	Search modes - Find all my search terms	84
S24	RD 201707-	Search modes - Find all my search terms	148,956
S25	DT 201707-	Search modes - Find all my search terms	100,982
S26	S24 OR S25	Search modes - Find all my search terms	159,715
S27	S23 AND S26	Search modes - Find all my search terms	13

Epistemonikos 18. Juli 2017

Search	Results
(dementia OR alzheimer* OR cognitiv*) AND (leisure OR recreation OR "free time" OR hobby OR hobbies OR (title:(in-door OR out-door OR indoor OR outdoor OR garden* OR horticultur* OR play* OR game OR games OR gaming OR creativ* OR painting OR drawing OR reading OR voluntary OR volunteer* OR extracurricular)))	273
Filter: Systematic Review	64

Epistemonikos 18. Juli 2017

Search	Results
(dementia OR alzheimer* OR cognitiv*) AND (leisure OR recreation OR "free time" OR hobby OR hobbies OR (title:(in-door OR out-door OR indoor OR outdoor OR garden* OR horticultur* OR play* OR game OR games OR gaming OR creativ* OR painting OR drawing OR reading OR voluntary OR volunteer* OR extracurricular)))	368
Filter: Systematic Review	146
Added to database: 01-07-17 to 05-04-18	25

Cochrane Library: 18. Juli 2017

ID	Search	Hits
#1	[mh ^Dementia] or [mh "Alzheimer Disease"]	4053
#2	[mh ^"Cognitive Dysfunction"]	181
#3	[mh ^Cognition]	6276
#4	(dementia or alzheimer*):ti,ab,kw	11879
#5	((cognit* or memory or mental) next (impair* or decline* or deficit* or reduc* or function*)):ti,ab,kw	12722
#6	{or #1-#5}	25014
#7	[mh "Leisure Activities"]	15395
#8	leisure:ti,ab,kw	1481
#9	(hobby or hobbies):ti,ab,kw	55
#10	"free time":ti,ab,kw	162
#11	Recreation:ti,ab,kw	615
#12	(in-door or out-door or indoor or outdoor):ti,kw	478
#13	(garden* or horticultur*):ti,kw	106
#14	(play* or game* or gaming):ti,kw	3280
#15	(creativ* or painting or drawing or reading):ti,kw	2913
#16	(voluntary or volunteer* or extracurricular):ti,kw	17942
#17	{or #7-#16}	39978
#18	#6 and #17	1551
#19	[mh "age groups"] not ([mh aged] or [mh "middle aged"])	104634
#20	#18 not #19 in Cochrane Reviews (Reviews and Protocols), Other Reviews, Technology Assessments and Economic Evaluations	38

Cochrane Library: 5. April 2018

ID	Search	Hits
#1	[mh ^Dementia] or [mh "Alzheimer Disease"]	4263
#2	[mh ^"Cognitive Dysfunction"]	450
#3	[mh ^Cognition]	6675
#4	[mh ^"Cognitive Reserve"]	8
#5	(dementia or alzheimer*):ti,ab,kw	13099
#6	((cognit* or memory or mental) next (impair* or decline* or deficit* or reduc* or function*)):ti,ab,kw	14315
#7	{or #1-#6}	27581
#8	[mh "Leisure Activities"]	16504
#9	leisure:ti,ab,kw	1683
#10	(hobby or hobbies):ti,ab,kw	59
#11	free time:ti,ab,kw	169
#12	Recreation:ti,ab,kw	674
#13	(in-door or out-door or indoor or outdoor):ti,kw	541

#14	(garden* or horticultur*):ti,kw	125
#15	(play* or game* or gaming):ti,kw	3653
#16	(creativ* or painting or drawing or reading):ti,kw	3482
#17	(voluntary or volunteer* or extracurricular):ti,kw	20037
#18	(cognitiv* near/2 (activity or activities)):ti,kw	80
#19	{or #8-#18}	44252
#20	#7 and #19	1838
#21	[mh "age groups"] not ([mh aged] or [mh "middle aged"])	109483
#22	#20 not #21 Publication Year from 2017 to 2018, in Cochrane Reviews (Reviews and Protocols) and Technology Assessments	1