

Online supplementary appendix 1

	Ovid MEDLINE	Results	PubMed	Results	Scopus	Results	SPORTDiscus	Results	CINAHL	Results	Health Source Nursing/Academic	Results	Cochrane Library	Results	MEDLINE EBSCO	Results
Set 1	trail run*	97	"trail run"	146	"trail run"	265	"trail run"	1462	"trail run"	86	"trail run"	27	"trail run"	5	"trail run"	146
2	trailrun*	1	"trailrun"	14	"trailrun"	2	"trailrun"	5	"trailrun"	1	"trailrun"	0	"trailrun"	0	"trailrun"	1
3	fell run*	6	"fell run"	467	"fell run"	19	"fell run"	74	"fell run"	5	"fell run"	2	"fell run"	2	"fell run"	6
4	fellrun*	0	"fellrun"	0	"fellrun"	0	"fellrun"	2	"fellrun"	0	"fellrun"	0	"fellrun"	0	"fellrun"	0
5	off road run*	0	"off road run"	9	"off road run"	19	"off road run"	37	"off road run"	5	"off road run"	1	"off road run"	0	"off road run"	11
6	off-road run*	9	"off-road run"	9	"off-road run"	19	"off-road run"	37	"off-road run"	5	"off-road run"	1	"off-road run"	0	"off-road run"	11
7	sky run*	0	"sky run"	2	"sky run"	4	"sky run"	3	"sky run"	1	"sky run"	3	"sky run"	0	"sky run"	26
8	skyrun*	4	"skyrun"	5	"skyrun"	12	"skyrun"	29	"skyrun"	2	"skyrun"	2	"skyrun"	0	"skyrun"	5
9	mountain run*	28	"mountain run"	36	"mountain run"	136	"mountain run"	397	"mountain run"	21	"mountain run"	7	"mountain run"	2	"mountain run"	40
10	ultra run*	35	"ultra run"	58	"ultra run"	80	"ultra run"	329	"ultra run"	25	"ultra run"	16	"ultra run"	2	"ultra run"	58
11	ultrarun*	21	"ultrarun"	67	"ultrarun"	45	"ultrarun"	6500	"ultrarun"	16	"ultrarun"	15	"ultrarun"	0	"ultrarun"	27
12	mountain marathon*	21	"mountain marathon"	23	"mountain marathon"	37	"mountain marathon"	57	"mountain marathon"	13	"mountain marathon"	5	"mountain marathon"	3	"mountain marathon"	24
13	ultra marathon*	182	"ultra marathon"	252	"ultra marathon"	311	"ultra marathon"	432	"ultra marathon"	123	"ultra marathon"	25	"ultra marathon"	7	"ultra marathon"	250
14	ultramarathon*	394	"ultramarathon"	713	"ultramarathon"	565	"ultramarathon"	4532	"ultramarathon"	2206	"ultramarathon"	46	"ultramarathon"	51	"ultramarathon"	500
15	ultratrail	7	"ultratrail"	36	"ultratrail"	19	"ultratrail"	13	"ultratrail"	8	"ultratrail"	0	"ultratrail"	4	"ultratrail"	10
16	ultra trail	19	"ultra trail"	34	"ultra trail"	68	"ultra trail"	127	"ultra trail"	13	"ultra trail"	1	"ultra trail"	2	"ultra trail"	32
Set 1 combined with OR operator		710		1409		1337		9192		2353		152		22		2426
Set 2	injur*	1127578	"injur"	1266044	"injur"	1735597	"injur"	159211	"injur"	326758	"injur"	100707	"injur"	442	"injur"	1261887
18	epidemiolog*	1935817	"epidemiolog"	2244761	"epidemiolog"	855904	"epidemiolog"	36122	"epidemiolog"	490419	"epidemiolog"	117924	"epidemiolog"	14	"epidemiolog"	2234540
19	risk factor*	1088206	"risk factor"	1187062	"risk factor"	1520669	"risk factor"	34572	"risk factor"	488666	"risk factor"	120287	"risk factor"	31066	"risk factor"	1183709
20	health*	3452886	"health"	5992350	"health"	6030459	"health"	389753	"health"	2045297	"health"	1233743	"health"	300509	"health"	5584375
21	medical encounter*	1041	"medical encounter"	1230	"medical encounter"	1515	"medical encounter"	55	"medical encounter"	649	"medical encounter"	291	"medical encounter"	36	"medical encounter"	1226
Set 2 combined with OR operator		6139727		8531791		8871484		526402		2802787		1361744		321185		8176935
Set 1 and Set 2 combined with AND operator		252		701		386		736		764		62		7		672
Limiters applied as stipulated in the eligibility criteria. Not all databases have the option to apply all the stipulated limiters.		252		517		310		353		635		32		3		653
	none		Language Humans		Article type Language		Article type Language		Article type Language		Article type Language		Article type Language		Article type Language	
														FINAL RESULTS	DUPLICATES REMOVED	
														2755	1613	