

Supplementary Table 1. Search strategy and results

#	Query	Number of results
CINAHL (Results on 17/03/2022) – 58 results		
S1	TI Huntington* OR AB Huntington*	2,414
S2	(MH "Huntington's Disease")	2,024
S3	S1 OR S2	2,788
S4	TI ((spatiotemporal OR spatial OR temporal OR time OR timing OR length OR velocity OR speed OR cadence OR variability)) OR AB ((spatiotemporal OR spatial OR temporal OR time OR timing OR length OR velocity OR speed OR cadence OR variability))	959,892
S5	S3 AND S4	479
S6	TI ((gait OR footfall OR footstep OR walk* OR locomot* OR ambulat* OR mobility OR step OR stride OR stance OR swing)) OR AB ((gait OR footfall OR footstep OR walk* OR locomot* OR ambulat* OR mobility OR step OR stride OR stance OR swing))	222,737
S7	(MH "Gait+") OR (MH "Gait Analysis") OR (MH "Locomotion") OR (MH "Walking") OR (MH "Step")	40,157
S8	S6 OR S7	231,119
S9	S5 AND S8	58
Medline (Results on 17/03/2022) – 348 results		
S1	TI Huntington* OR AB Huntington*	19,228
S2	(MH "Huntington's Disease")	13,036
S3	S1 OR S2	20,874
S4	TI ((spatiotemporal OR spatial OR temporal OR time OR timing OR length OR velocity OR speed OR cadence OR variability)) OR AB ((spatiotemporal OR spatial OR temporal OR time OR timing OR length OR velocity OR speed OR cadence OR variability))	5,549,057
S5	(MH "Spatio-Temporal Analysis")	5,888
S6	S4 OR S5	5,549,523
S7	S3 AND S6	4,102
S8	TI ((gait OR footfall OR footstep OR walk* OR locomot* OR ambulat* OR mobility OR step OR stride OR stance OR swing)) OR AB ((gait OR footfall OR footstep OR walk* OR locomot* OR ambulat* OR mobility OR step OR stride OR stance OR swing))	1,118,688
S9	(MH "Gait+") OR (MH "Gait Analysis") OR (MH "Walking Speed")	33,644
S10	S8 OR S9	1,122,909
S11	S7 AND S10	348
Embase (Results on 17/03/2022) – 635 results		
1	"Huntington*".ab,ti.	26,594
2	Huntington chorea/	30,451
3	1 or 2	35,162
4	(spatiotemporal or spatial or temporal or time or timing or length or velocity or speed or cadence or variability).ab,ti.	6,817,557
5	spatiotemporal analysis/ or spatial analysis/ or temporal analysis/	22,937
6	4 or 5	6,820,256
7	3 and 6	6,706
8	(gait or footfall or footstep or walk* or locomot* or ambulat* or mobility or step or stride or stance or swing).ab,ti.	1,211,415
9	exp walking/	140,252
10	gait/ or wide based gait/ or gait disorder/	82,136
11	8 or 9 or 10	1,239,474
12	7 and 11	635
Scopus (Results on 17/03/2022) – 706 results		
1	(TITLE-ABS-KEY (huntington*) AND TITLE-ABS-KEY ((spatiotemporal OR spatial OR temporal OR time OR timing OR length OR velocity OR speed OR cadence OR variability)) AND TITLE-ABS-KEY ((gait OR footfall OR footstep OR walk* OR locomot* OR ambulat* OR mobility OR step OR stride OR stance OR swing)))	706
Cochrane (Results on 17/03/2022) – 38 results		
1	(TITLE-ABS-KEY (huntington*) AND TITLE-ABS-KEY ((spatiotemporal OR spatial OR temporal OR time OR timing OR length OR velocity OR speed OR cadence OR variability)) AND TITLE-ABS-KEY ((gait OR footfall OR footstep OR walk* OR locomot* OR ambulat* OR mobility OR step OR stride OR stance OR swing)))	38
Web of Science (Results on 17/03/2022) – 610 results		
1	(Huntington* (Topic)) AND (spatiotemporal OR spatial OR temporal OR time OR timing OR length OR velocity OR speed OR cadence OR variability (Topic)) AND (gait OR footfall OR footstep OR walk* OR locomot* OR ambulat* OR mobility OR step OR stride OR stance OR swing (Topic))	610
PEDro (Results on 17/03/2022) – 17 results		
1	TITLE-ABS (huntington*)	17
PubMed (Results on 17/03/2022) – 306 results		
1	Huntington*[Title/Abstract]	19,658
2	huntington's disease[MeSH Terms]	13,073
3	S1 OR S2	21,252
4	spatiotemporal[Title/Abstract] OR spatial[Title/Abstract] OR temporal[Title/Abstract] OR time[Title/Abstract] OR timing[Title/Abstract] OR length[Title/Abstract] OR velocity[Title/Abstract] OR speed[Title/Abstract] OR cadence[Title/Abstract] OR variability[Title/Abstract]	5,052,611
5	Spatiotemporal Analysis[MeSH Terms]	7,532
6	#4 OR #5	5,053,844
7	#3 AND #6	3,950
8	gait[Title/Abstract] OR footfall[Title/Abstract] OR footstep[Title/Abstract] OR walk*[Title/Abstract] OR locomot*[Title/Abstract] OR ambulat*[Title/Abstract] OR mobility[Title/Abstract] OR step[Title/Abstract] OR stride[Title/Abstract] OR stance[Title/Abstract] OR swing[Title/Abstract]	937,234
9	gait[MeSH Terms]	33,855
10	gait analysis[MeSH Terms]	1,222
11	walking speed[MeSH Terms]	2,298
12	#9 OR #10 OR #11	33,855
13	#8 OR #12	941,404
14	#7 AND #13	306