

Supplemental Material S2. Key word search in WoS.

Step	Search query	Result
#1	TS=("artificial intelligen*" OR "machine intelligen*" OR "machine learning" OR "data learning" OR "neural network" OR "support vector*" OR "k-nearest neighbor*" OR "markov decision" OR "markov chain" OR "markov random field" OR "natural language process" OR "deep learn*" OR "big data" OR "fuzzy" OR "cluster*" OR "classifier" OR "classification algorithm" OR "automatic" OR "autonomous" OR "automated" OR "computational intelligence" OR "computer vision" OR "intelligent comput*" OR "robot*" OR "intelligent tutor*" OR "intelligent agent*" OR "intelligent system*" OR "expert system*" OR "voice recognition" OR "speech recognition")	3,791,294
#2	TS=("speech* patholog*" OR "communication disorder*" OR "speech* disorder*" OR "language disorder*" OR "speech* impair*" OR "speech* therap*" OR "speech* assess*" OR "pathological speech" OR "pathological language" OR "stutter*" OR "dysarthria" OR "swallow* disorder*" OR "voic* disorder*" OR "aphasia" OR "speech apraxia" OR ("autis*" AND ("speech" OR "language"))) OR ("schizophre*" AND ("speech" OR "language")) OR ("brain injur*" AND ("speech" OR "language")) OR ("dement*" AND ("speech" OR "language")))	84,644
#3	#2 AND #1	5,870
#4	#2 AND #1 and Letters or Meeting Abstracts or Corrections or Notes or Books or Book Chapters (Exclude – Document Types)	5,810
#5	#2 AND #1 and Letters or Meeting Abstracts or Corrections or Notes or Books (Exclude – Document Types) and English (Languages)	5,714
#6	AU=Anonymous	1,453,335
#7	#5 NOT #6	5,711