

Table S2. Search resources and search term queries (search data: August 21, 2023)

Search engine	Search	Search queries	Results
PubMed	#1	(OMOP[Title/Abstract] OR OMOP[Text Word]) OR (OHDSI[Title/Abstract] OR OHDSI[Text Word]) OR (CDM[Title/Abstract] OR CDM[Text Word]) OR (Common data model[Title/Abstract]) OR (Common data model[Text Word])	2,320
	#2	"treatment outcome"[MeSHTerms] OR "drug prescriptions"[MeSHTerms]	1,283,383
	#3	(treatment*[Title/Abstract]) OR (treatment*[Text Word]) OR (prescription*[Title/Abstract]) OR (prescription*[Text Word])	6,235,215
	#4	(pathway*[Title/Abstract]) OR (pathway*[Text Word]) OR (pattern*[Title/Abstract]) OR (pattern*[Text Word]) OR (sequence*[Title/Abstract]) OR (sequence*[Text Word]) OR (sunburst[Title/Abstract]) OR (sunburst[Text Word])	4,568,255
	#5	#3 and #4	714,180
	#6	(characteri*[Title/Abstract]) OR (characteri*[Text Word])	3,810,505
	#7	#1 AND (#2 OR #5 OR #6)	496
	#8	#6 Filters: from 2010 - 2023	396
EMBASE	#1	omop:ti,ab,kw OR ohdsi:ti,ab,kw OR cdm:ti,ab,kw OR 'common data model':ti,ab,kw	3,245
	#2	'treatment'/exp OR 'prescription'/exp	260,505
	#3	treatment\$:ti,ab,kw OR prescription\$:ti,ab,kw	7,881,948
	#4	pathway\$:ti,ab,kw OR pattern\$:ti,ab,kw OR sequence\$:ti,ab,kw OR sunburst:ti,ab,kw	4,626,663
	#5	#3 and #4	894,363
	#6	characteri*:ti,ab,kw	4,696,943
	#7	#1 AND (#2 OR #5 OR #6)	839
	#8	#7 AND [2010-2023]/py	747