## **S2. Search concept blocks**

Keywords, synonyms and associated controlled terms

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| **Concept #1**  *Health sciences librarians*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*  “health sciences librar\*”  “health librar\*”  “health information professional or health information specialist”  “hospital librar\*  “informationist”  “medical librar\*” | **Concept #2**  *Open science*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*  “open science”  “open research”  “open scholarship”  “open access”  “open data”  “data publishing”  “data sharing”  “sharing data”  “pre-registration”  (research AND transparen\*)  reproducib\*  replicab\*  “open educat\*”  “open licensing”  “open metrics”  “open notebook\*”  “open pedagog\*”  “open peer review”  “open practice\*”  “open protocol\*”  “open source”  “open textbook\*”  “lab notebook\*”  ((code OR data OR software) AND availab\*)  (software OR data) AND carpentr\*  ((computation\* OR programm\*) AND (R OR Python OR Jupyter OR markdown)  Xenodo OR Open Science Framework, OR Github, etc. | **Concept #3**  *Actions, roles, support, outcomes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*  activit\*  advis\*  advoca\*  benefit\*  collabor\*  competenc\*  consult\*  cost\*  course\*  creat\*  engag\*  expert\*  guid\*  initiat\*  instruct\*  knowledge  lead\*  member\*  opportunit\*  participant\*  project\*  provid\*  recommend\*  role\*  search\*  skill\*  specialist\* |