Studies retrieved from targeted databases
(n=18 640)

Studies excluded
Exclusion of databases (n=11 406)
Author with "Wiki" in name (n=541)
Written before 2001 (n=885)
Total (n=12 832)

Studies identified and screened for retrieval
(n=5808)

Studies excluded
Duplicates (n=1372)

Grey literature
Google/Bing/Yahoo (n=1200)
Mednar (n=400)
HTAi vortal (n=319)
Other sources (n=2)
Total (n=1921)

Studies screened on title and abstract
(n=4436)

Studies excluded or not considered
Not mentioning wiki, knol or online
    collaboration tools (n=2853)
Not healthcare field (n=1059)
Protocol (n=7)
Conceptual framework (n=6)
Conference proceedings (n=4)
Editorial or opinion (n=106)
Literature review (n=33)
        Total (n=4068)

Grey literature excluded
Duplicates (n=257)
Broken link (n=91)
Not healthcare field (n=625)
Not mentioning wikis or
    online collaboration tools
    (n=660)
No results (n=245)
Published paper already
    Considered (n=14)
Total (n=1892)

Studies screened on full text
(n=368)

Studies excluded or not considered
Wikipedia used only as a reference (n=6)
Genetics/Genomics (n=87)
Biology (n=32)
Chemistry (n=5)
Library Science (Medical or Health) (n=14)
Neural network modeling (n=1)
Medical informatics (n=12)
Clinical trials and wikis (n=11)
Psychology of wiki users (n=5)
No results (n=119)
        Total (n=292)

Studies considered
(n=76)

Grey literature included
(n=30)

Papers added
Grey literature (n=30)
Suggestions by authors contacted
    (n=2)
Abstract from conference (n=3)
Total (n=35)

Studies analysed
(n=111)

Group 1: Patterns of use of online collaborative writing applications*
(n=25)

Group 2: Quality of information in different collaborative writing applications*
(n=25)

Group 3: Collaborative writing applications used as knowledge translation intervention*
(n=73)

*10 papers are classified in two groups, and 1 is classified in all three groups