**Identification of studies via databases and registers**

Records removed *before screening*:

Duplicate records removed

(n = 1149)

Records removed because of publication type (n = 47)

Records identified from:

ACM Digital Library (n = 209)

AISeL (n = 10)

IEEE Xplore (n = 759)

JSTOR (n = 0)

ScienceDirect (n = 81)

Scopus (n = 1534)

Springer Link (n = 433)

Wiley (n = 38)

**Identification**

Records excluded after reading title (n = 1699)

Records excluded after reading abstract (n = 138)

Records excluded because of language (n = 1)

Records excluded because of length (n = 6)

Records excluded because of age (n = 0)

Records excluded because of being an update (n = 1)

Records excluded because of being an update (n = 1)

Records screened

(n = 1868)

Reports not retrieved

(n = 0)

Reports sought for retrieval

(n = 23)

**Screening**

Reports excluded:

Quality Gate 1 (n = 5)

Quality Gate 2 (n = 8)

Quality Gate 3 (n = 0)

Reports assessed for eligibility

(n = 23)

New relevant reports found in backward search (n = 0)

New relevant reports found in backward search (n = 0)

Quality Gate 2 (n = 8)

Quality Gate 3 (n = 0)

Relevant reports identified

(n = 10)

Reports included in review

(n = 10)

**Included**

\*Consider, if feasible to do so, reporting the number of records identified from each database or register searched (rather than the total number across all databases/registers).

\*\*If automation tools were used, indicate how many records were excluded by a human and how many were excluded by automation tools.

*From:*  Page MJ, McKenzie JE, Bossuyt PM, Boutron I, Hoffmann TC, Mulrow CD, et al. The PRISMA 2020 statement: an updated guideline for reporting systematic reviews. BMJ 2021;372:n71. doi: 10.1136/bmj.n71

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