

Identification of new studies via databases and registers

Identification

Records identified from:
Databases (n = 998):
ScienceDirect (n = 606)
Tandfonline (n = 140)
ProQuest (n = 84)
EBSCO (n = 50)
WOS (n = 49)
JSTOR (n = 23)
MDPI (n = 15)
Agupubs 12 (n = NA)
Pubmed (n = 11)
IEEE Explore (n = 8)
Registers (n = 0)

Records removed before screening:
Duplicate records (n = 83)
Records removed by random sampling
(n = 684)
Records removed for other reasons (n = 31)

Screening

Records screened
(n = 200)

Records excluded
(n = 143)

Reports sought for retrieval
(n = 57)

Reports not retrieved
(n = 0)

Reports assessed for eligibility
(n = 57)

Reports excluded:
Regression rather than
classification models (n = 17)
Machine learning not used (n = 4)
Study sample size not reported (n = 8)
Overall accuracy not reported (n = 6)
Contradictory results i.e.
confusion matrix and reported
outcome mismatch (n = 2)

Included

Studies included in review
(n = 20)