

Quality Appraisal Tools for Quantitative Literature



Thomas, B. H., Ciliska, D., Dobbins, M., & Micucci, S. (2004). A process for systematically reviewing the literature: Providing the research evidence for public health nursing interventions. *Worldviews on Evidence-Based Nursing*, 1(3), 176–184.
<https://doi.org/10.1111/j.1524-475x.2004.04006.x>

Effective Public Health
Practise Project Quality
Assessment Tool (Thomas et
al., 2004)

AGREE Reporting Checklist
(Brouwers et al., 2016)

Kmet, L. M., Cook, L. S., & Lee, R. C. (2004). Standard quality assessment criteria for evaluating primary research papers from a variety of fields. Alberta Heritage Foundation for Medical Research.
<https://doi.org/10.7939/R37M04F16>

Wells, G. A., Shea, B., O'Connell, D., Peterson, J., Welch, V., Losos, M., & Tugwell, P. (2013). The Newcastle-Ottawa Scale (NOS) for assessing the quality of nonrandomised studies in meta-analyses. The Ottawa Hospital Research Institute.
http://www.ohri.ca/programs/clinical_epidemiology/oxford.asp

Newcastle-Ottawa Scale
(Wells et al., 2013)

Quality Appraisal Tools for Quantitative Literature

Johanna Briggs Appraisal
Tools
(The University of Adelaide)

The University of Adelaide. Critical Appraisal
Tools. JBI. <https://jbi.global/critical-appraisal-tools>

Standard Quality
Assessment Criteria for
Evaluating Primary
Research Papers from a
Variety of Fields resource
(Kmet et al., 2004)

Kmet, L. M., Cook, L. S., & Lee, R. C. (2004). Standard
quality assessment criteria for evaluating primary
research papers from a variety of fields. Alberta
Heritage Foundation for Medical Research.
<https://doi.org/10.7939/R37M04F16>

AMSTAR 2 Critical Appraisal
Tool (Shea et al., 2017)

Shea, B. J., Reeves, B. C., Wells, G., Thuku, M.,
Hamel, C., Moran, J., Moher, D., Tugwell, P., Welch,
V., Kristjansson, E., & Henry, D. A. (2017). AMSTAR
2: A critical appraisal tool for systematic reviews
that include randomised or non-randomised studies
of healthcare interventions, or both. *BMJ (Clinical
Research Ed.)*, 358, Article j4008.
<https://doi.org/10.1136/bmj.j4008>

You can also consult
the following resources
for more information

Ahmadi, M., Sedighie, L., & Rohani, C. (2018).
Evidence-based review in the field of developing
critical appraisal tools for quantitative studies.
*Scientific Journal of Nursing, Midwifery and
Paramedical Faculty*, 3(3), 57-
72. <http://sjnmp.muk.ac.ir/article-1-137-en.html>