

**Name of Journal:** World Journal of Meta-Analysis

**Manuscript NO:** 32567

**Manuscript Type:** Minireviews

**Assessing the quality of studies in meta-analyses: Advantages and limitations of the Newcastle Ottawa Scale**

**Claudio Luchini, Brendon Stubbs, Marco Solmi, Nicola Veronese**

### Abstract

One of the most important points in the meta-analyses is certainly represented by the assessment of the quality of the studies included in such research. The meta-analyses are considered the highest level of evidence in science. Also for this reason, the quality of the studies included should be accurately evaluated by standardized tools. The overall results of the meta-analysis depend indeed also on a rigorous evaluation of the studies quality.

### Match Overview

1	Internet 37 words crawled on 24-Mar-2016 <a href="http://austinpublishinggroup.com">austinpublishinggroup.com</a>	2%
2	Internet 14 words crawled on 11-Oct-2010 <a href="http://www.ete-online.com">www.ete-online.com</a>	1%
3	Crossref 12 words <a href="#">Springer Series on Epidemiology and Public Health, 2013.</a>	1%
4	Internet 11 words crawled on 02-Oct-2016 <a href="http://www.dovepress.com">www.dovepress.com</a>	1%

[All](#)[News](#)[Images](#)[Videos](#)[Maps](#)[More](#)[Settings](#)[Tools](#)

About 5,790,000 results (0.66 seconds)

### [Quality Assessment of Systematic Reviews and Meta-Analyses ...](#)

[https://www.nhlbi.nih.gov/health-pro/guidelines/in-develop/cardiovascular.../sr\\_ma](https://www.nhlbi.nih.gov/health-pro/guidelines/in-develop/cardiovascular.../sr_ma) ▾

**Quality Assessment of Systematic Reviews and Meta-Analyses** ... A qualitative systematic review summarizes the results of the primary **studies** but does not ...

### [How to Review a Meta-analysis - NCBI - National Institutes of Health](#)

<https://www.ncbi.nlm.nih.gov> ▸ [NCBI](#) ▸ [Literature](#) ▸ [PubMed Central \(PMC\)](#)

by MW Russo - 2007 - [Cited by 15](#) - [Related articles](#)

Jump to [Evaluating the Results](#) - The **meta-analysis** should provide a table outlining the ... **studies** with larger sample sizes or data of better **quality** or both.

### [Assessing the quality of published genetic association studies in meta ...](#)

<https://www.ncbi.nlm.nih.gov> ▸ [NCBI](#) ▸ [Literature](#) ▸ [PubMed Central \(PMC\)](#)

by ZN Sohani - 2015 - [Cited by 2](#) - [Related articles](#)

May 15, 2015 - Systematic reviews and **meta-analyses** are a common method of ... Keywords: **Quality assessment**, Genetic association **studies**, Genetic ...

### [A tool to assess the quality of a meta-analysis - Higgins - 2013 ...](#)

[onlinelibrary.wiley.com/doi/10.1002/jrsm.1092/abstract](https://onlinelibrary.wiley.com/doi/10.1002/jrsm.1092/abstract) ▾

by J Higgins - 2013 - [Cited by 13](#) - [Related articles](#)

Oct 18, 2013 - When performing an empirical **study** of the **quality of** published **meta-analyses**, we found that existing tools did not place a strong emphasis on ...

### [A tool to assess the quality of a meta-analysis \(PDF Download Available\)](#)

[https://www.researchgate.net/.../259539465\\_A\\_tool\\_to\\_assess\\_the\\_quality\\_of\\_a\\_meta-a...](https://www.researchgate.net/.../259539465_A_tool_to_assess_the_quality_of_a_meta-a...)

Record 2015 - 45553 - **study** of the quality of published **meta-analyses**, we found that existing tools ... for **assessing the quality of meta-analyses** (such as those by ...

### [Quality assessment in meta-analysis \(PDF Download Available\)](#)

[https://www.researchgate.net/.../282764028\\_Quality\\_assessment\\_in\\_meta-analysis](https://www.researchgate.net/.../282764028_Quality_assessment_in_meta-analysis)

[All](#)[News](#)[Images](#)[Maps](#)[Videos](#)[More](#)[Settings](#)[Tools](#)

About 206,000 results (0.93 seconds)

### [A systematic review of the use and effectiveness of social media in ...](#)

<https://www.ncbi.nlm.nih.gov> › [NCBI](#) › [Literature](#) › [PubMed Central \(PMC\)](#)

by MP Hamm - 2014 - [Cited by 31](#) - [Related articles](#)

2 Jun 2014 - Quality assessment was conducted on all included analytic studies .... studies that was developed based on the **Newcastle-Ottawa Scale** .... the other found a significant benefit of social media using one scale .... Strengths and limitations .... **assessing the quality of nonrandomised studies in meta-analysis**.

### [\[PDF\] The Newcastle-Ottawa Scale \(NOS\) - European Summer School in ...](#)

[www.evidencebasedpublichealth.de/.../Newcastle\\_Ottawa\\_Scale\\_Pope\\_Bruce.pdf](http://www.evidencebasedpublichealth.de/.../Newcastle_Ottawa_Scale_Pope_Bruce.pdf) ▼

by J Peterson - [Cited by 5](#) - [Related articles](#)

The **Newcastle-Ottawa Scale (NOS)** for **Assessing the Quality of** Nonrandomized **Studies in Meta- Analysis**. "G. Wells, B. Shea, D. O'Connell, J. Robertson,.

### [The Newcastle-Ottawa Scale \(NOS\) for assessing the quality of ...](#)

[www.ohri.ca](http://www.ohri.ca) › [Our Research](#) › [Research Programs](#) › [Clinical Epidemiology](#) › [NOS](#) ▼

The **Newcastle-Ottawa Scale (NOS)** for **assessing the quality of** nonrandomised **studies in meta-analyses**. GA Wells, B Shea, D O'Connell, J Peterson, V Welch, ...

### [Newcastle–Ottawa scale - Wikipedia](#)

[https://en.wikipedia.org/wiki/Newcastle–Ottawa\\_scale](https://en.wikipedia.org/wiki/Newcastle–Ottawa_scale) ▼

In statistics, the **Newcastle–Ottawa scale** is a tool used for **assessing the quality of** non-randomized **studies** included in a systematic review and/or **meta-analyses**.

### [Using quality assessment tools to critically appraise ageing research ...](#)

[ageing.oxfordjournals.org/content/early/2016/12/07/ageing.afw223.full](http://ageing.oxfordjournals.org/content/early/2016/12/07/ageing.afw223.full)

by JK Harrison - 2016 - [Related articles](#)

7 Dec 2016 - The use of **quality scores** in **meta-analyses** of clinical trials should therefore be

Assessing the quality of studies in meta-analyses: Advantages and limitations of

全部

图片

视频

新闻

地图

图书

找到约 168,000 条结果

时间不限

过去 1 小时内

过去 24 小时内

过去 1 周内

过去 1 个月内

过去 1 年内

所有结果

精确匹配

[PDF] [The Newcastle-Ottawa Scale \(NOS\) for Assessing the Quality of ...](#)  
[www.evidencebasedpublichealth.de/.../Newcastle\\_Ottawa\\_Scale\\_Pope\\_Bruce.pdf](#) ▼

The Newcastle-Ottawa Scale (NOS) for Assessing the Quality of Nonrandomized Studies in Meta-Analysis. "G. Wells, B. Shea, D. O'Connell, J. Robertson, .

[PDF] [Critical evaluation of the Newcastle-Ottawa scale for the assessment ...](#)  
[https://hal.archives-ouvertes.fr/hal-00610427/document](#) ▼

22 Jul 2011 ... assessment of the quality of nonrandomized studies in meta- ... studies in meta- analyses, called the Newcastle-Ottawa-Scale (NOS) [5]. .... representativeness of an exposed cohort has the advantage of better generalizability.

[Newcastle-Ottawa scale - Wikipedia](#)

[https://en.wikipedia.org/wiki/Newcastle-Ottawa\\_scale](#) ▼

In statistics, the Newcastle-Ottawa scale is a tool used for assessing the quality of non-randomized studies included in a systematic review and/or meta-analyses .

[PDF] [assessing the quality of included studies - AHRQ Effective Health ...](#)  
[https://effectivehealthcare.ahrq.gov/.../](#)

[Assessing%20the%20Risk%20of%20Bias\\_Draft%20Report.pdf](#) ▼

9 Jun 2011 ... Assessing the Risk of Bias of Individual Studies when Comparing Medical .... incompletely such that they cannot be included in a meta-analysis. One should ... The inherent limitations present in observational designs (e.g. .... 24. Newcastle- Ottawa Quality Assessment Scale: Cohort studies. Available from:.

[Using quality assessment tools to critically appraise ageing research ...](#)  
[ageing.oxfordjournals.org/content/early/2016/12/07/ageing.afw223.full](#)

7 Dec 2016 ... The use of quality scores in meta-analyses of clinical trials should therefore be avoided [10]. ... The Risk of Bias Assessment tool for Non-Randomised Studies ... The Newcastle-Ottawa Quality Assessment Scale (NOS) is a freely available .... Another limitation