

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Methodology*

**Manuscript NO:** 72513

**Title:** Network meta-analyses: methodological prerequisites and clinical usefulness. A mini review

**Provenance and peer review:** Invited manuscript; externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 06186852

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Sudan

**Author's Country/Territory:** Greece

**Manuscript submission date:** 2021-10-19

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-10-21 06:42

**Reviewer performed review:** 2021-11-01 09:17

**Review time:** 11 Days and 2 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No
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## SPECIFIC COMMENTS TO AUTHORS

- In the manuscript, please write the name for abbreviations (NMA and NMAs) because the reader wants to know what do you mean by NMA and NMAs. I think you mean by this abbreviation is network meta-analysis, and you should adhere to one abbreviation only for network meta-analysis. - Please write Figure 2 in the manuscript; because it was missed during writing. - In the fifth row for “Improving interpretation of NMA findings” subsection, please correct the spelling for “Meah Difference” into “Mean Difference”. Also, please write abbreviations for Standard Mean Differences and Mean Differences as SMD and MD, respectively. - If it possible, please mention in the introduction section that incorporating network meta-analysis in clinical guideline could help doctors in clinical practice in selecting the best available drug with good safety and efficacy from multiple drugs to use it for patient’s care.

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**Peer-review model:** Single blind

**Reviewer's code:** 05405614

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** Nigeria

**Author's Country/Territory:** Greece

**Manuscript submission date:** 2021-10-19

**Reviewer chosen by:** Xin Liu (Online Science Editor)

**Reviewer accepted review:** 2022-01-08 20:52

**Reviewer performed review:** 2022-01-09 06:16

**Review time:** 9 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="checkbox"/> ] Anonymous [ <input type="checkbox"/> ] Onymous Conflicts-of-Interest: [ <input type="checkbox"/> ] Yes [ <input checked="" type="checkbox"/> ] No
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#### **SPECIFIC COMMENTS TO AUTHORS**

NMAs in the abstract and introduction should be written in full at the first mention. The abstract should have been structured in such a way it will contain background, objectives, findings and conclusion. In this way, the abstract would be able to stand alone and convey full information.

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**Peer-review model:** Single blind

**Reviewer's code:** 05238122

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Professor

**Reviewer's Country/Territory:** Egypt

**Author's Country/Territory:** Greece

**Manuscript submission date:** 2021-10-19

**Reviewer chosen by:** Xin Liu (Online Science Editor)

**Reviewer accepted review:** 2022-01-05 12:14

**Reviewer performed review:** 2022-01-14 17:49

**Review time:** 9 Days and 5 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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#### **SPECIFIC COMMENTS TO AUTHORS**

• The title reflects the main subject of the manuscript? • The abstract summarize and reflect the work described in the manuscript? • No key words • The manuscript adequately describe the background • The manuscript highlights the subject concisely and clearly • Figure 2 is a table and should have a title • References are appropriate and updated • However there are some notes as appeared in the attached file: o Language is good, however some phrases have to be more simplified o All the abbreviations in the text must be identified when first mentioned o The title (Prerequisites for a well-conducted NMA) have 4 subtitles that should be separated from the following titles o The paragraph started with "Prospective registration" is not entitled as one of the former prerequisites