Reviewer’s report

**Title:** Drug-related risk of severe hypoglycaemia in observational studies: a systematic review and meta-analysis

**Version:** 0  **Date:** 13 Jul 2015  
**Reviewer:** Giovanna Muscogiuri  

**Reviewer's report:**

The manuscript is poor of novelty. It is already expected that drugs that act on insulin secretion are more associated to hypoglycaemia than insulin-sensitizers. Moreover, the results of important trials such as ACCORD and ADVANCE were not reported. In addition the results should be corrected for several confounding factors that are physical activity, age etc.

**Are the methods appropriate and well described?**  
If not, please specify what is required in your comments to the authors.

No

**Does the work include the necessary controls?**  
If not, please specify which controls are required in your comments to the authors.

No

**Are the conclusions drawn adequately supported by the data shown?**  
If not, please explain in your comments to the authors.

No

**Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?**  
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review

**Quality of written English**  
Please indicate the quality of language in the manuscript:

Not suitable for publication unless extensively edited
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