Reviewer’s report

Title: Association between the XRCC1 polymorphisms and clinical outcomes of advanced NSCLC treated with platinum-based chemotherapy: A meta-analysis based on the PRISMA statement

Version: 1 Date: 15 Feb 2017

Reviewer: Sijin Wen

Reviewer's report:

1. There are 20 studies in Table 1 but only 19 in Figure 1. Please clarify it.

2. It is better to put Table 1 in some order with the 20 studies, maybe by Year or first author or genotype.

3. In the statistical analysis section, it states that "When heterogeneity was present, and the number of the studies included was large enough to perform the multivariable regression analysis, a meta regression analysis was employed to explore the sources of heterogeneity." Please show, in which model which parameters were included and comprehensively present the results (fixed, random effects, meta regression model, etc). Give the names of Stata procedures/functions used for each analysis. This should make the process of analysis easier to understand/reproduce.

4. In the sensitivity analysis section, what do you mean by "the results did not change"? Is there any detail of the result? Also, the 19 studies were published ranged from 2004 to 2014, did you perform a sensitivity analysis on time of published years?

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

Yes

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

Unable to assess

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

Yes
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 am able to assess the statistics

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

Needs some language corrections before being published

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