Reviewer's report

Title: Validation of two prediction models of undiagnosed chronic kidney disease in mixed-ancestry South Africans

Version: 2 Date: 15 April 2015

Reviewer: Yemi Raji

Reviewer's report:

General comment
Thank you for the opportunity given to me to review this manuscript. The article is highly relevant to the practice of nephrology in the sub-Saharan African population where preventive nephrology is needed more than anywhere else at this point in time. Designing or validation a of chronic kidney diagnosis prediction model will go along way in early identification of previously undiagnosed case.

Major Compulsory Revision
None

Minor Essential Revision
1. Why was anaemia excluded in the prediction model? Could this have added value to the model since anaemia is a universal finding among subjects with CKD.

2. Both Thai and Korean CKD risk prediction models overestimate the risk in male and underestimate the risk in female in the Bellville cohort, could this be due to the fact that there are more females than male in the total population eventually included in the analysis? Moreso that those with missing data that were not included in the analysis were more likely to be male. These issues should be highlighted in the discussion section.

Discretionary Revisions
Concerning table 2, the comparison with Thai and Korean Model should be completed by including the section on performance from the index study.
For table 3, the findings of this study should be included in table 3 for easy comparison.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.
Declaration of competing interests:

NONE