Reviewer’s report

Title: Some extensions in continuous models for immunological correlates of protection

Version: 2 Date: 3 August 2015

Reviewer: Nima Aghaeepour

Reviewer’s report:

The authors have described alternative protection curve functions to improve quantification of the relationship between immunological assays and protection from disease. The methods are rigorously evaluated using 16 large clinical datasets. The article is well-written and fits the scope of this journal.

Major comment: While the methods are described in details, I could not find the data and scripts for reproducing the results. This is an important requirement for most bioinformatics publications and significantly increases the impact of the article.

Minor comment: please the error message on page 19, line 393.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests.