Reviewer’s report

Title: The effects of linkage disequilibrium in large scale SNP datasets for MDR

Version: 1 Date: 11 February 2011

Reviewer: Jason Moore

Reviewer’s report:

This is a very clearly written paper that addresses an important problem. The figures are very nice. I only have a few minor suggestions for improving the paper.

Minor Essential Revisions

1) A more detailed introduction to LD might be good for a general data mining audience. The challenge it to get them excited about LD as a general data mining issue.

2) A more detailed description and introduction of MDR would also be useful for a general audience. You might highlight many of the applied papers for MDR to communicate to readers that this is a widely used approach.

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