Reviewer's report

Title: Improved Assessment of Multiple Sclerosis Lesion Segmentation Agreement via Detection and Outline Error Estimates

Version: 3 Date: 13 June 2012

Reviewer: Frithjof Kruggel

Reviewer's report:

A few edits were made to the manuscript that corrected minor errors and improved the readability of the text. The authors provided a long response to the major issues raised in the first review that provided a better understanding of the motivation that led to the submission of this manuscript. However, my main criticism remains that this work bears little news and does not warrant a (separate) journal publication.

I understand that "BMC Medical Imaging aims to put less emphasis on interest levels, provided that the research constitutes a useful contribution to the field". Technically, the manuscript is correct and can be published.

Level of interest: An article of limited interest

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests.