Reviewer's report

Title: Automated measurement of heterogeneity in CT images of healthy and diseased rat lungs using variogram analysis of an octree decomposition

Version: 2 Date: 19 November 2013

Reviewer: Ayman S El-Baz

Reviewer's report:

The authors did all the required changes. The final version should refer the readers to the following comprehensive survey that includes lung and nodule segmentation: "Computer-Aided Diagnosis Systems for Lung Cancer: Challenges and Methodologies. Int. J. Biomedical Imaging 2013 (2013)."

Level of interest: An article whose findings are important to those with closely related research interests

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