Reviewer’s report

**Title:** Predicting Invasive Breast Cancer versus DCIS in Different Age Groups

**Version:** 2  **Date:** 12 August 2013

**Reviewer:** Sisse Helle H Njor

**Reviewer’s report:**

This is a very thorough and good study of the possibility to differentiate invasive cancer from DCIS based on mammographic variables. As written in the paper, their predictive models are limited by the unavoidable challenge of clinical data that is inherently imperfect. All of these shortcomings are though clearly stated and accounted for in their discussion.

**Discretionary Revisions**

It would be very interesting to non American readers to know to what extent the information from this study can be used in non American settings.

**Level of interest:** An article of importance in its field

**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