Reviewer's report

Title: Histological type and grade of breast cancer tumors by parity, age at birth, and time since birth: a register-based study in Norway

Version: 2 Date: 26 January 2010

Reviewer: Argyrios Ziogas

Reviewer's report:

• Major Compulsory Revisions
  o On the statistical analysis the authors performed chi-square tests on the cell specific contribution, what about multiple comparisons?

Minor Essential Revisions

  o Are there any differences on the main characteristics by histology for cases diagnosed before and after 1993? Same question as above but with respect to grade are the cases with grade available prior to 1993 and after 1993 have the same tumor characteristics?
  o My question above refer to missing data are the missing data at random or the missing data are missing not at random?
  o Why the authors did not perform a multivariate analysis where you can adjust for factors such age, this should definitely done for analysis of grade

• Discretionary Revisions
  May be the Table1 might spilt by prior to 1993 and after 1993

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'