Reviewer's report

**Title:** Breast cancer epidemiology according to recognized breast cancer risk factors in the Prostate, Lung, Colorectal and Ovarian (PLCO) Cancer Screening Trial Cohort.

**Version:** 2  **Date:** 25 November 2008

**Reviewer:** Tina Clarke

**Reviewer's report:**

Overall: The authors have responded to all of my concerns and the article should be accepted with one minor essential revision to the discussion.

Minor essential revision: In the second to last paragraph of the discussion, rather than describing the differences between the study population and the US census population as "closely resembling", the authors should add the percentages provided in the covering letter without qualifying the comparison. They do not provide the crosstabulation of race AND education for both the study population and the census data, which would be most effective at convincing me that this group is not disproportionately white AND well-educated, but otherwise I would be satisfied with the treatment of the selection bias issue.

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

**Quality of written English:** Acceptable

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

**Declaration of competing interests:**

I have served as an expert witness for breast cancer patient plaintiffs in ongoing hormone therapy litigation.