Reviewer's report

Title: Identifying specific non-attending groups in breast cancer screening - population-based registry study of participation and socio-demography

Version: 2 Date: 10 September 2012

Reviewer: Lennarth Nyström

Reviewer's report:

Major comments

AIM

The phrasing of the aim of the study in the Introduction (p4, line6) does not coincide with the more specific aim in the Abstract, Background.

TABLE 2 AND 3

Model 1 and 2 does not contribute and can be deleted!

CONCLUSION

The Conclusion in the Abstract and in the end (p14) does not match the aim of the study. Try to summarise the differences between the participants, the active and passive non-participants.

In the conclusion (p14) it is stated that the participation rate was 79%, however, the aim of the study was not to estimate the participation rate.

Minor comments:

Abstract, Background

Rephrase: between socio-demographic characteristics and screening participation

Level of interest: An article of importance in its field

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 not competing interests