Reviewer’s report

Title: Better long-term survival in young and middle-aged women than in men after a first myocardial infarction between 1985 and 2006. An analysis of 8362 patients in the Northern Sweden MONICA Study

Version: 1 Date: 2 November 2010

Reviewer: Jose P Henriques

Reviewer’s report:


The authors should be congratulated for this manuscript.

Although there are many reports on gender specific difference clinical outcome after acute myocardial infarction, this manuscript has unique points. Especially, the large number of patient in this cohort is one of its strengths. Also, the fact that pre-hospital death data are available is remarkable.

I have only some suggestion to further improve the manuscript

1- Please start by reporting the whole cohort using survival figures. May be this is figure 1 but it is not clear to me. You also state “Over the whole study period women had a 2.6%-units higher survival than men, 57.3 vs. 54.7% (Table 1).’Is this not significant?

2- Please address in a table and figure on the pre-hospital deaths in men and women and not only in one sentence “The proportion of death before admission to hospital was 14.5% in men and 11.1% in women.”

These are unique data. Please elaborate an describe in figures

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

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