Author’s response to reviews

Title: Self-perceived memory loss is associated with an increased risk of hip fracture in the elderly: a population-based NOREPOS cohort study.

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Version: 1 Date: 02 Oct 2015

Author’s response to reviews:

In this revised version the authors responded to all the comments of editors and reviewers. In particular they have completely rebuilt their statistical analyses based only on the first 4 validated questions. This new presentation seems to me entirely correct and may be published in BMC Geriatrics.

There are still a few typo errors and it would necessary to discuss the difference between men and women:

1. Why the second question is not significant in men? And why the combination of the two issues is associated with a statistically significant risk of fracture Increased 90% in women and only 41% in men?

   Answer: we did not find a significant association between self-perceived memory-loss and hip fracture in men for reasons, which are not completely clear for us. Analyses combining both questions rely upon the individual results in each of the questions, so it is expected to find a higher risk of sustaining a hip fracture in women reporting memory-loss than in men. A paragraph referring to this point in now included in the discussion. (pg. 10, lines: 12-20).

2. Title should be one sentence and include the study design

   Answer: changes in title have been made, and now there is only one sentence including the study design.

3. The email of all authors should be included in the first page of the manuscript

   Answer: Authors’ e-mails are now included in the first page of the manuscript.
4. Line 18-21 of page 2 should be moved to the introduction.

Answer: Line 18-21 has been moved to materials and methods (Hip fracture assessment) as in this section describes the database used to obtained information about our outcome variable (hip fracture).