**Reviewer's report**

**Title:** Health problems account for a small part of the association between socioeconomic status and disability pension award. Results from the Hordaland Health Study.

**Version:** 2  **Date:** 3 September 2010

**Reviewer:** Vincent Campbell

**Reviewer's report:**

**Major Compulsory Revisions:**

1 - This reviewer thinks that the paper would be improved through the addition of a table to explain the relative contribution of the health variables used to obtain adjusted odds ratios.

2 - a. There should be a citation for the ratio formula used:
   
   1 – (ln (ORadjusted)/ln(ORcrude))

   b. Citations are needed regarding treatment of missing data.

3 - I have a question about the formula used to determine the contribution of health to disability benefits eligibility and the resulting proportions: (1) has the formula been used before and is it a generally recognized approach to comparing results of crude and adjusted ORs?; (2) since the resulting proportions are the product of estimates that fall within a confidence interval, can the stability of the proportions be estimated? The proportions reported in the paper are presented without question.

**Minor Essential Revisions:**

Editing is needed on wording and style (indentation mostly)

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

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

**Statistical review:** Yes, but I do not feel adequately qualified to assess the statistics.

**Declaration of competing interests:**

I have no competing interests.