Reviewer's report

Title: A prospective cohort study of health behavior profiles after age 50 and mortality risk

Version: 3 Date: 17 August 2012

Reviewer: Jack Tsai

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I do think a further study limitation that should be acknowledged is that health behaviors were assessed at one time point 10 years ago. So the study was not able to capture dynamic changes over time (e.g., somebody who quit smoking and increased their longevity, somebody who began to exercise more to keep up their health as they got older). Ten years is a long time and it is likely many people changed their behaviors over time, especially as they grew older and were coming to terms with their mortality.