Reviewer's report

Title: Association Between Body Mass Index and Suicidal Behaviors: A Systematic Review Protocol

Version: 1
Date: 9 February 2015

Reviewer: Porjai Pattanittum

Reviewer's report:

1. Is the study design appropriate?
   Yes.

2. Are sufficient details provided to allow replication of the work or comparison with related analyses: if not, what is missing?
   1) Line 181-184, this study aims to explore the effect modification of sex, age, and method used in suicide on BMI and suicide behavior, but there is no information on how to do so in the Statistical Analysis and Heterogeneity part (the authors only mentioned sex (Line 273-275)). Please add.

3. Is the planned statistical analysis appropriate?
   Yes, but some modifications are needed.
   1) Statistical Analysis and Heterogeneity, Line 261-263, Could you please give more detail on “absence of significant heterogeneity”? (e.g., p-value > 0.10, or I-squared less than 60%, or both)
   2) Statistical Analysis and Heterogeneity, Line 263-265, “Separate subgroup analysis will be performed for the association between BMI and suicide completion and attempted suicide, and if possible, suicidal ideation.” What factor(s) will the authors do the subgroup analysis?

4. Is the writing acceptable?
   Yes.