Reviewer’s report

**Title:** Shortening the Current Opioid Misuse Measure via computer-based testing: a retrospective proof-of-concept study

**Version:** 1  **Date:** 19 August 2013

**Reviewer:** Pengsheng Ni

**Reviewer’s report:**

The authors applied the curtailment and stochastic curtailment approaches to reduce the length of Current Opioid Misuse Measurement (COMM) questionnaire without compromising sensitivity and specificity. It is a well written paper.

I wondered, how the authors decide the item order in the administration, it seems everyone got the same order of items, did the authors consider individualized item order for each subject?,

I saw the authors used the other background variables to increase the sensitivity and specificity in other paper. Did the authors consider it here?

**Level of interest:** An article of importance in its field

**Quality of written English:** Acceptable

**Statistical review:** Yes, and I have assessed the statistics in my report.

**Declaration of competing interests:**

I declare that I have no competing interests.