Reviewer’s report

Title: Agreement between Administrative Data and the RAI-MDS for Medication Use in Long-term Care Facilities

Version: 2 Date: 15 December 2014

Reviewer: Jason Guertin

Reviewer’s report:

Discretionary revisions:
1. In table 3, please provide identify that the Quintiles are for Income level.
2. Seeing as not all readers may be know the acronym for the RAI-MDS, I recommend writing out this term in the title instead of using the acronym.

Minor essential revisions
1. Abstract’s conclusion. Would recommend replacing the last sentence of the abstract with relevant advantage/disadvantages of the paper.
2. I would recommend changing Figure 1’s format into a table.
3. Line 243. Although true, it would seem illogical that the full model have a worse AIC than the null model. Relevance to the text should be reconsidered.
4. Although the 28 days observation window is probably 14 days prior and 14 days post, it is not clearly stated in the text.
5. Unmeasured confounding is a limit of this study as such it should be placed in the relevant section and not in the conclusion.

Major compulsory revisions
None

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

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

Although I do not feel that this final interest competes in any way with this document, I am a Pfizer Canada Mentorship awardee for my post-doctoral research.