Reviewer’s report

Title: Derivation of a Frailty Index from the interRAI Acute Care Instrument

Version: 2 Date: 29 December 2014

Reviewer: Emanuele E Marzetti

Reviewer’s report:

The manuscript is well structured and balanced. The topic is timely.

Minor Essential Revisions:

1) The authors decided to code the item of altered behaviour independent of the duration. It is advised to use a gradient to take into account the duration as this may have an impact on the length of stay and other clinical outcomes.

2) The validity of the FI-AC would be strengthened by assessing its ability to predict outcomes other than mortality (e.g., length of stay, destination at discharge, number of prescription medications, etc.).

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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

Declaration of competing interests:

I declare that I have no competing interests