Reviewer’s report

Title: Dietary flavonoid intake in older adults: How many days of dietary assessment are required and what is the impact of seasonality?

Version: 0 Date: 01 Nov 2017

Reviewer: Tracy Schumacher

Reviewer’s report:

This is a very well written manuscript that clearly sets out the methodology required for this type of analysis. My comments relate to additional information being added to the manuscript.

1. Choice of flavonoid database is an important part of this manuscript. Could further justification of the choice of database be added, specifically as to why an Australian database was not an appropriate choice (eg incomplete etc) and why one from US was.

2. Please highlight in the methods section that the data was collected in 1992(?) and explain if there are any problems aligning the chosen database with dietary intake data of this era.

3. Could further information be added as to how dietary analysis was possible from Microsoft Access? Was a program or database designed for this use? If so, by who and some basic details of how it did so.

4. Could IQRs be added to table 1? As stated, the range of values varies widely and the IQR would give comparison to the mean/sd.

5. Could the results from the Kruskal Wallis (Table 2 equiv) be added as supplementary material?

6. Could a consent/ethics approval statement be added to the paragraph on study population?

7. Full stop required in Author Contributions.

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