Kathleen E. Bethin, MD, PhD

Academic Editor

PLOS One

June 19, 2019

Dear Dr. Bethin,

Thank you for your careful review of our manuscript, “R functions for analysis of continuous glucose monitor data.” We appreciate the opportunity to revise the manuscript. Below are our point-by-point responses to your review.

1. **PLOS ONE criteria for papers that describe new methods, tools, algorithms and/or software must meet the criteria of utility, validation, and availability, which are described in detail at: http://journals.plos.org/plosone/s/submission-guidelines#loc-methods-software-databases-and-tools. In addition, software papers must meet the following requirements:** [**http://journals.plos.org/plosone/s/materials-and-software-sharing**](http://journals.plos.org/plosone/s/materials-and-software-sharing)**.**

We have made the following changes to the manuscript in order to meet this criteria:

* Added a direct link to the website where R software can be obtained.
* Added a direct link to the CRAN repository page for our cgmanalysis package.
* Added a direct link to the user guide, which explains how to install and run the package.

1. **Before your manuscript can be sent to the reviewers please address the following publication in your manuscript in relation to the PLOS ONE publication criteria: "CGManalyzer: an R package for analyzing continuous glucose monitoring studies" Xiaohua Douglas Zhang Zhaozhi Zhang Dandan Wang Bioinformatics, Volume 34, Issue 9, 01 May 2018, Pages 1609–1611.**

We addressed this publication in the revised introduction. This package was removed from the CRAN repository due to problems with the software.

1. **Please ensure that your manuscript meets PLOS ONE's style requirements, including those for file naming. The PLOS ONE style templates can be found at http://www.journals.plos.org/plosone/s/file?id=wjVg/PLOSOne\_formatting\_sample\_main\_body.pdf and** [**http://www.journals.plos.org/plosone/s/file?id=ba62/PLOSOne\_formatting\_sample\_title\_authors\_affiliations.pdf**](http://www.journals.plos.org/plosone/s/file?id=ba62/PLOSOne_formatting_sample_title_authors_affiliations.pdf)

We have made modifications throughout the manuscript to ensure it meets PLOS ONE’s style guidelines.

Finally, we previously stated that the repository information for our data would be available at acceptance. We have made the data available now to facilitate review of the manuscript. The data can be accessed at: https://figshare.com/projects/R\_Functions\_for\_Analysis\_of\_Continuous\_Glucose\_Monitor\_Data/64973

Sincerely,

Laura Pyle, PhD