Author's response to reviews

Title: Simulation-based Estimation of Mean and Standard Deviation for Meta-analysis via Approximate Bayesian Computation (ABC)

Authors:

Deukwoo Kwon (DKwon@med.miami.edu)
Isildinha M Reis (ireis@med.miami.edu)

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Dr. Giulia Mangiameli
Executive Editor
BMC Medical Research Methodology

Dear Dr. Mangiameli,

I am pleased to submit our original manuscript for consideration for publication in *BMC Medical Research Methodology*: Simulation-based Estimation of Mean and Standard Deviation for Meta-analysis via Approximate Bayesian Computation (ABC).

This is a manuscript describing the details of a statistical method to estimate study-specific mean and standard deviation for meta-analysis when summary statistics other than mean and standard deviation are available. Our work is an improvement of Hozo et al. (2005) and Wan et al. (2014) methods also published in *BMC Medical Research Methodology*. Because of the broader application of our methods and findings, we believe that our paper should be of interest to readers of *BMC Medical Research Methodology*.

All authors of this research manuscript have directly participated in the planning, execution, or analysis of the study. The analysis was jointly undertaken by all authors. All authors of this manuscript agree to this submission to *BMC Medical Research Methodology* and agree with the content and presentation of the manuscript. No manuscript with the same or similar material has already been published by us, or submitted to another journal. No author has a potential conflict of interest.

Thank you for your consideration.

Sincerely yours,

Deukwoo Kwon, Ph.D.
Associate Scientist
Biostatistics and Bioinformatics Core
Sylvester Comprehensive Cancer Center
University of Miami
1120 NW 14 Street
Clinical Research Building, Room 1054
Miami, FL 33136
Tel: (305) 243-0181