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Professor Geert Molenberghs
Executive Editor, *Biometrics*

Dear Professor Molenberghs,

Please find enclosed a copy of our manuscript, “The Population and Personalized AUCs,” that Professor Tian and I submit for consideration for publication in *Biometrics*.

The manuscript describes ways of extending the area under the curve to accommodate clustered, possibly paired data. The need for such an extension arises frequently, including in the authors’ previous work with medical professionals, yet to our knowledge statistical models and parameters have not been carefully described. We describe two population parameters that may produce substantially different inferences and conclusions. A careful consideration of the assumptions and goals of analyzing clustered data is therefore necessary, rather than the more ad hoc procedures currently in employ. This work complements and extends the foundational paper of N. Obuchowski on clustered AUC data that appeared in this journal in 1997.

We have not submitted the manuscript elsewhere, and look forward to your review and comments.

Sincerely,

Haben Michael