



Alan Kwong <amkwong@umich.edu>

TOPMed manuscript M6573 : Method paper for Robust HWE

Hyun Min Kang <hmkang@umich.edu>

Tue, May 12, 2020 at 9:30 PM

To: Jennifer Smith <smjenn@umich.edu>, Alan Kwong <amkwong@umich.edu>

Will do. Thank you Jennifer!

Hyun.

Hyun Min Kang, Ph.D.
Associate Professor of Biostatistics
University of Michigan, Ann Arbor
Email : hmkang@umich.edu

On Tue, May 12, 2020 at 9:16 PM Jennifer Smith <smjenn@umich.edu> wrote:

Hello Hyun,

Thank you for including GENOA in this important paper. Can you please updated GENOA acknowledgements as follows:

Support for GENOA was provided by the National Heart, Lung and Blood Institute (HL054457, HL054464, HL054481, HL119443, and HL087660) of the National Institutes of Health. WGS for “NHLBI TOPMed: Genetic Epidemiology Network of Arteriopathy” (phs001345) was performed at the Mayo Clinic Genotyping Core, the DNA Sequencing and Gene Analysis Center at the University of Washington (3R01HL055673-18S1), and the Broad Institute (HHSN268201500014C) for their genotyping and sequencing services. We would like to thank the GENOA participants.

All the best,
Jen

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On Thu, May 7, 2020 at 11:45 AM Hyun Min Kang <hmkang@umich.edu> wrote:

Dear Co-authors,

Thanks for your feedback on the TOPMed manuscript M6573, entitled 'Robust, flexible, and scalable tests for Hardy-Weinberg Equilibrium across diverse ancestries'. We tried our best to address the comments and to add important details required for P&P committees for individual working groups. We plan to submit the manuscript to DCC as soon as possible, so we will very much appreciate it if you send any additional feedback that can be addressed within the next 48 business hours.

Here are some highlights of the changes made on the manuscript:

- * The length of manuscript has been reduced substantially but clarified more details when needed. Some errors were also corrected.
- * We now have a complete list of co-authors in the paper. Please let me know if there are still errors or missing names.
- * We added acknowledgements of individual studies, similar to the TOPMed flagship paper as a Supplementary Material. We understand that this may be required for P&P committee review, so please let us know if there are any important details missing.

And many thanks for providing detailed comments and requests on the manuscript, and apologies for my silence. However, I believe that we addressed most of the comments, I will respond individually how the comments are incorporated.

Thanks,
Hyun.

Hyun Min Kang, Ph.D.
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On Tue, Apr 14, 2020 at 1:29 PM Hyun Min Kang <hmkang@umich.edu> wrote:

Dear Co-authors,

Attached please find a draft of the TOPMed manuscript M6573, entitled 'Robust, flexible, and scalable tests for Hardy-Weinberg Equilibrium across diverse ancestries'. The manuscript is separated into three pieces, (1) main text with references, (2) figures and tables, and (3) supplementary material for your convenience.

We will appreciate it very much if you could review these documents at your convenience and give any comments or suggested revisions (preferably with track changes). In addition, please check the spelling of your name, your institutional affiliation(s). If you want to add study-specific acknowledgements, please let us know. We would like to submit this to the TOPMed DCC in two weeks, April 28th, 2020.

We are considering submission of this manuscript to *Genetics* upon TOPMed approval, but please feel free to give us any suggestions regarding recommended journals.

We included co-authors whom we received responses from our earlier emails in alphabetical order in the middle before the TOPMed banner. We included the study names for those studies we need nomination from co-authors. For the studies whose co-authors are not yet nominated, please let us know the names as soon as possible. Alan Kwong (cc'ed) will follow up with PIs of individual studies regarding this.

We wanted to include as many authors as we can, but given the nature that this is a method paper, we were concerned that the number of authors that the journal expects is somewhat limited. As a result, we set up the following policy in the number of co-authors representing the contributing study in the following ways:

(1) We grouped each study by PIs, and assigned 1-2 co-authors for each group (unless the studies need to nominate different co-authors from each study).

(2) If the study contains fewer than 2,000 contributing samples in total, we requested to nominate one co-author. If more than 2,000, we requested nomination of two co-authors. We understand this strategy is not ideal for everyone, but we had to make a choice as we still expect to have 40 or more authors in this manuscript.

We look forward to receiving feedback and submitting this paper soon. If you have any other questions or comments, please feel free to let me and Alan know.

Sincerely,
Hyun.

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