



Alan Kwong <amkwong@umich.edu>

TOPMed manuscript M6573 : Method paper for Robust HWE

Weeks, Daniel E <weeks@pitt.edu>

Fri, May 8, 2020 at 4:58 PM

To: Hyun Min Kang <hmkang@umich.edu>

Cc: "amkwong@umich.edu" <amkwong@umich.edu>, "McGarvey, Stephen" <stephen_mcgarvey@brown.edu>

Dear Hyun,

Thank you.

No, we don't need to see a revised version.

Thanks,

-- Dan --

From: Hyun Min Kang <hmkang@umich.edu>**Sent:** Friday, May 8, 2020 4:26 PM**To:** Weeks, Daniel E <weeks@pitt.edu>**Cc:** amkwong@umich.edu <amkwong@umich.edu>; McGarvey, Stephen <stephen_mcgarvey@brown.edu>**Subject:** Re: TOPMed manuscript M6573 : Method paper for Robust HWE

Thanks very much Daniel for your flexibility. This is definitely doable, and we will modify the manuscript accordingly.

Do you need to see a revised version to get the study-specific approval?

Hyun.

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

On Fri, May 8, 2020 at 2:52 PM Weeks, Daniel E <weeks@pitt.edu> wrote:

Dear Hyun,

The banner authorship request was based on a relatively recent change in our policy, but as it sounds like it would cause problems, instead could you please add a 'banner acknowledgement' to end of the Samoan study section of the sub info (currently on page 23-24 of the Sup Info)?

It could read something like this:

We would also like to acknowledge the contributions of The Samoan Obesity, Lifestyle and Genetic Adaptations Study (OLaGA) Group:

Ranjan Deka, University of Cincinnati; Nicola L Hawley, Yale University;

Stephen T McGarvey, Brown University; Ryan L Minster, University of Pittsburgh;

Take Naseri, Ministry of Health, Government of Samoa; Muagututi'a Sefuiva Reupena,

Lutia I Puava Ae Mapu I Fagalele; Daniel E Weeks, University of Pittsburgh.

Thank you,
-- Dan --

From: Hyun Min Kang <hmkang@umich.edu>
Sent: Friday, May 8, 2020 11:44 AM
To: Weeks, Daniel E <weeks@pitt.edu>
Cc: amkwong@umich.edu <amkwong@umich.edu>; McGarvey, Stephen <stephen_mcgarvey@brown.edu>
Subject: Re: TOPMed manuscript M6573 : Method paper for Robust HWE

Daniel and Steve,

Do you need to require the banner authorship 'The Samoan Obesity, Lifestyle and Genetic Adaptations Study (OLaGA) Group' even when the TOPMed banner authorship 'Trans-Omics for Precision Medicine (TOPMed) Program' present in the paper and this is essentially a method paper that uses a small fraction of the dataset?

I'm afraid that each individual study may require such banner authorships reciprocally. I am also not sure whether the journal will allow a large number of banner authorships. I wonder how this was handled in the flagship paper. Do you have any specific suggestions on how to address this?

Thanks,
Hyun.

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

On Fri, May 8, 2020 at 5:57 AM Hyun Min Kang <hmkang@umich.edu> wrote:
Thanks Daniel! We will reflect the changes accordingly.

Hyun.

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

On Thu, May 7, 2020 at 6:01 PM Weeks, Daniel E <weeks@pitt.edu> wrote:

Dear Hyun and Alan,

Really nice and clear paper describing a markedly improved algorithm!

Attached please find my suggestions and edits.

Note that we are now requiring this banner authorship 'The Samoan Obesity, Lifestyle and Genetic Adaptations Study (OLaGA) Group' on all papers that use the Samoan data.

Thanks,
-- Dan --

From: Hyun Min Kang <hmkang@umich.edu>
Sent: Thursday, May 7, 2020 11:45 AM
To: Tom Blackwell <tblackw@umich.edu>; Jonathon LeFaive <lefaivej@umich.edu>; Laura Scott <ljst@umich.edu>; Albert Vernon Smith <albertvs@umich.edu>; Goncalo Abecasis <goncalo@umich.edu>; Michael Boehnke <boehnke@umich.edu>; Mariza de Andrade <mandrade@mayo.edu>; Kathleen C. Barnes <Kathleen.Barnes@ucdenver.edu>; John Blangero

<john.blangero@utrgv.edu>; Eric Boerwinkle <Eric.Boerwinkle@uth.tmc.edu>; Esteban G. Burchard <esteban.burchard@ucsf.edu>; Daniel Chasman <DCHASMAN@research.bwh.harvard.edu>; Han Chen <Han.Chen.2@uth.tmc.edu>; L. Adrienne Cupples <adrienne@bu.edu>; Yan Gao <ygao@umc.edu>; Guo, Xiuqing <xguo@lundquist.org>; Marguerite Ryan Irvin <irvinr@uab.edu>; Tanika N. Kelly <tkelly@tulane.edu>; Wonji Kim <rewki@channing.harvard.edu>; Charles Kooperberg <clk@fredhutch.org>; Angel C. Y. Mak <ChiYan.Mak@ucsf.edu>; Manichaikul, Ani W. (am3xa) <am3xa@virginia.edu>; Rasika Mathias <rmathias@jhmi.edu>; May Montasser <mmontass@som.umaryland.edu>; Courtney Montgomery <Courtney-Montgomery@omrf.org>; Solomon Musani <smusani@umc.edu>; Nicholette D. Palmer <nallred@wakehealth.edu>; Gina M. Peloso <gpeloso@bu.edu>; Dandi Qiao <redaq@channing.harvard.edu>; Alexander Reiner <apreiner@uw.edu>; Dan Roden <dan.roden@vumc.org>; Shoemaker, Moore Benjamin <moore.b.shoemaker@vumc.org>; Jennifer Smith <smjenn@umich.edu>; Nicholas L. Smith <nlsmith@u.washington.edu>; Jessica Lasky Su <rejas@channing.harvard.edu>; Hemant Tiwari <htiwari@uab.edu>; Scott T. Weiss <scott.weiss@channing.harvard.edu>; Patrick Ellinor <ellinor@mgh.harvard.edu>; Steven Lubitz <slubitz@mgh.harvard.edu>; Weeks, Daniel E <weeks@pitt.edu>; Brian Cade <bcade@bwh.harvard.edu>; John Barnard <barnarj@ccf.org>

Cc: Alan Kwong <amkwong@umich.edu>

Subject: Re: TOPMed manuscript M6573 : Method paper for Robust HWE

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.
Associate Professor of Biostatistics
University of Michigan, Ann Arbor
Email : hmkang@umich.edu

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.

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