

From: [Justice, Anne E.](#)
To: [Robert Kaplan](#)
Cc: [North, Kari E](#)
Subject: RE: TOPMed BMI Manuscript Final Draft e-secure
Date: Thursday, June 8, 2023 5:14:00 PM

Thanks, Robert!

Thank you,

Anne Justice

Assistant Professor
Dept. Population Health Sciences
Geisinger Health
100 N. Academy Ave.
Danville, PA 17822

From: Robert Kaplan <robert.kaplan@einsteinmed.edu>
Sent: Thursday, June 8, 2023 5:07 PM
To: Justice, Anne E. <aejustice1@geisinger.edu>
Cc: North, Kari E <kari_north@unc.edu>
Subject: Re: TOPMed BMI Manuscript Final Draft e-secure

Dear Anne,

Thanks for the information, it sounds fine. Consider the paper approved now for SOL.

Robert Kaplan, PhD (*he/him*)
Albert Einstein College of Medicine
718-430-4076 (New York)
206-667-6913 (Seattle)

From: Justice, Anne E. <aejustice1@geisinger.edu>
Sent: Thursday, June 8, 2023 10:42 AM
To: Robert Kaplan <robert.kaplan@einsteinmed.edu>
Cc: North, Kari E <kari_north@unc.edu>
Subject: RE: TOPMed BMI Manuscript Final Draft e-secure

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Hi Robert,

Thank you for looking through the manuscript.

Regarding your first point, due to the great diversity of the TOPMed studies, we followed the TOPMed preferred method for identifying population group at the time of analysis rather than any study-specific methods. However, the two methods produce very similar results, as the goals are the same. We still used self-reported population groups from HCHS/SOL (Mexican, Cuban, Puerto Rican, South American, Central American, Dominican) and only imputed population groups for missing individuals. In fact, HCHS/SOL data was then used to impute population group from other studies with missing information.

Regarding your second point, unfortunately, we do not have this granular information and are limited by the way in which each study collected their demographic information.

If you have any follow-up concerns that would prevent approval of the manuscript, please feel free to reach out.

Thank you,

Anne Justice

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From: Robert Kaplan <robert.kaplan@einsteinmed.edu>
Sent: Tuesday, May 23, 2023 5:33 PM
To: Justice, Anne E. <aejustice1@geisinger.edu>
Cc: North, Kari E <kari_north@unc.edu>
Subject: Re: TOPMed BMI Manuscript Final Draft e-secure

Dear Anne,

The paper has very interesting findings and well written.

1, I did notice the approach to classifying HCHS SOL is different than previously done. I am sure you know the Conomos and Laurie paper, we define "genetic analysis groups" which reassign our ~3% unspecified individuals to one of the Hispanic national backgrounds (it works well). Here it seems you used a different algorithm. The HCHS winds up assigning a few to

European, and a few to African. I was unsure that this was the best approach, although of course it would not make any difference to the results. Why not use Conomos/Laurie approach, or for that matter I would have expected that some number of SOL participants wouldn't have genetics of primary African or European, but rather indigenous Americas.

2, Other minor comment, it would seem useful to specify in the "African" group, what proportion were Af-Amer, versus modern day African immigrant to one of the study countries or living in Africa.

So I am obliged to ask about item #1 in particular. I am not sure if there is some solution, or else just let me know the rationale.

Nice job.

Robert

Robert Kaplan, PhD (he/him)
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206-667-6913 (Seattle)

From: Justice, Anne E. <aejustice1@geisinger.edu>
Sent: Friday, May 19, 2023 3:05 PM
To: Robert Kaplan <robert.kaplan@einsteinmed.edu>
Subject: FW: TOPMed BMI Manuscript Final Draft e-secure

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Hello Robert,

We are forwarding a TOPMed manuscript draft that includes HCHS/SOL study data for P&P approval. This manuscript is written as part of the TOPMed MS#982. If you have any questions or concerns, please let us know.

Thank you,

Anne Justice

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From: Justice, Anne E.

Sent: Friday, May 5, 2023 10:50 PM

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Cc: Zhang, Alice <xinruo@email.unc.edu>; Kari (The rock star) North (kari_north@unc.edu) <kari_north@unc.edu>

Subject: TOPMed BMI Manuscript Final Draft e-secure

Dear Co-authors,

Thank you all for your valuable feedback; we hope you find the manuscript much improved. We are happy to provide a final draft of the manuscript, "Whole Genome Sequencing Analysis of Body Mass Index Identifies Novel African Ancestry-Specific Risk Allele". This manuscript has been presented to the Adiposity-Anthropometry Working Group for approval and following the tasks listed below will be submitted to TOPMed for approval.

A few tasks to note...

1. **Please acknowledge that you have received and approve of the manuscript** by either responding to this email, or placing an "X" in column H of [this googlesheet](#) next to your name **by May 19th**.
2. If you require approval from your parent study and have not already done so, **please submit this version to your P&P** and send Anne Justice (aejustice1@geisinger.edu) and Xinruo (Alice) Zhang (xinruo@email.unc.edu) confirmation of approval.
3. **Please double check your information**, including name (main text), affiliation (main text), acknowledgements (Supplementary Note), author contributions (main text), and COI (main

text) and send corrections **by May 19th**.

Again, thank you for your collaboration. If you have any questions or concerns please let us know.

Thank you,

Anne Justice

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From: Justice, Anne E.

Sent: Thursday, February 23, 2023 5:45 PM

To: Zhang, Xinruo <xinruo@email.unc.edu>; jeco@uw.edu; Graff, Misa <migraff@email.unc.edu>; Highland, Heather <heather.highland@unc.edu>; nathalie.chami@mssm.edu; hfxu@bu.edu; zhe.wang@mssm.edu; kendra.ferrier@cuanschutz.edu; Chittoor, Geetha <gchittoor@geisinger.edu>; Josyula, Navya S. <nsjosyula@geisinger.edu>; xihaoli@g.harvard.edu; li@hsph.harvard.edu; mallison@ucsd.edu; dbecker@jhmi.edu; lfbielak@umich.edu; joshbis@uw.edu; Meher.Boorgula@cuanschutz.edu; uisa.borrell57@login.cuny.edu; dbowden@wakehealth.edu; jbroome@uw.edu; ebuth@uw.edu; ccarlson@fredhutch.org; Kyong-Mi.Chang@va.gov; Sameer.Chavan@cuanschutz.edu; yfchiu@nhri.edu.tw; leeming@ntu.edu.tw; mconomos@uw.edu; ACorrea@umc.edu; redld@channing.harvard.edu; dumeng@mskcc.org; ravindranath.duggirala@utrgv.edu; celeste.eng@ucsf.edu; afohner@uw.edu; bfreedma@wakehealth.edu; melanie.garrett@duke.edu; gladwinmt@upmc.edu; xguo@lundquist.org; haiman@hsc.usc.edu; bheavner@uw.edu; bhildalgo@uab.edu; james.e.hixson@uth.tmc.edu; yuk-lam.ho@va.gov; brian.hobbs@channing.harvard.edu; donglei.hu@ucsf.edu; qin.hui@emory.edu; chhwu@vghtpe.gov.tw; Rebecca.Jackson@osumc.edu; jaind@uw.edu; rrastogi@jhmi.edu; skardia@umich.edu; tkelly@tulane.edu; ETHAN.LANGE@CUANSCHUTZ.EDU; drlenoir@drlenoir.com; cli8@tulane.edu; loic@cc.hawaii.edu; mmcdonald@uab.edu; mchughc@uw.edu; Alanna.C.Morrison@uth.tmc.edu; taken@health.gov.ws; sam.oh@ucsf.edu; nallred@wakehealth.edu; panko001@umn.edu; jperry@som.umaryland.edu; upeters@fredhutch.org; michael.preuss@mssm.edu; rao@wustl.edu; regane@njhealth.org; smuagututia51@gmail.com; dan.roden@vumc.org; jr@pedasthma.com; csitlani@uw.edu; smjenn@umich.edu; htiwari@uab.edu; vasan@bu.edu; wzylillian@gmail.com; weeks@pitt.edu; wesselj@iu.edu; kwiggin@uw.edu; lynne@cc.hawaii.edu; pwwilso@emory.edu; Iryanek@jhmi.edu; zachary.t.yoneda@vumc.org; zhaowei@umich.edu; szoellne@umich.edu; donna.arnett@uky.edu; allison.ashleykoch@duke.edu; kathleen.barnes@cuanschutz.edu; john.blangero@utrgv.edu; Eric.Boerwinkle@uth.tmc.edu; esteban.burchard@ucsf.edu; ichen@lundquist.org; joanne.curran@utrgv.edu; myriam.fornage@uth.tmc.edu; vgordeuk@uic.edu; jhe@tulane.edu; heckbert@uw.edu; l-hou@northwestern.edu; irvinr@uab.edu; clk@fredhutch.org; stephen_mcgarvey@brown.edu; nouraies@upmc.edu; psaty@uw.edu; raffield@email.unc.edu; apreiner@uw.edu; ssr4n@virginia.edu; jrotter@lundquist.org; moore.b.shoemaker@vumc.org;

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Cc: Zhang, Xinruo <xinruo@email.unc.edu>; Kari (The rock star) North (kari_north@unc.edu) <kari_north@unc.edu>

Subject: TOPMed BMI Manuscript Draft for Comment

Dear Co-authors,

We are happy to circulate a draft manuscript for your review and comment. We would like to target Nature Communications, but are open to suggestions of other appropriate journals. In addition to your comments and suggestions, please be sure to check your name, affiliation, acknowledgements, and any conflicts of interest, as well as any missing description information for replication cohorts.

We are requesting feedback within the next two weeks (March 10th), but if you need more time, just let us know.

Thank you,

Anne Justice, Alice Zhang, and Kari North on behalf of the writing group

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