From: Sharon Kardia skardia@umich.edu

Subject: Re: MultiSTAAR manuscript for your review and approval from GENOA

- Date: August 15, 2023 at 13:45
 - To: Li, Xihao xihaoli@unc.edu
 - Cc: Patricia Peyser ppeyser@umich.edu, Jennifer Smith smjenn@umich.edu, Li, Zilin li@hsph.harvard.edu

GENOA has approved this important and nicely written manuscript.

On Tue, Aug 15, 2023 at 1:19 PM Li, Xihao <<u>xihaoli@unc.edu</u>> wrote: Dear Drs. Kardia, Peyser and Smith,

This is a follow-up regarding your review of our MultiSTAAR manuscript. Could you please kindly let us know if GENOA P&P committee has approved this manuscript?

Thank you very much for your support.

Sincerely, Xihao & Zilin

On Aug 15, 2023, at 13:15, Li, Xihao <<u>xihaoli@unc.edu</u>> wrote:

Dear all,

Hope you are doing well. We sent out this paper **A statistical framework for powerful rare variant multi-trait analysis in large-scale whole-genome sequencing studies** for review to the cohort PIs earlier and now have the full list of authors. So we are now sharing with the full group:

Manuscript: <u>https://www.dropbox.com/scl/fi/28phnrnbbartq9a3oc14h/MultiSTAAR_v3_clean.</u> <u>docx?rlkey=yr44zav8y0pgvlucukqu15g0t&dl=0</u>

Supp

Figures: <u>https://www.dropbox.com/scl/fi/vz7zqaymf3u5b4ctudrg4/MultiSTAAR_Supplementar</u> <u>y-Figures_v3.docx?rlkey=wd5q9yjwrofmc05gjmx7qpkj9&dl=0</u>

Supp

Tables: <u>https://www.dropbox.com/scl/fi/2v4747peoz2daunxd3lyg/MultiSTAAR_Supplementar</u> <u>y-Tables_v3.xlsx?rlkey=4h5jup1h7itmpd2594jnf1zup&dl=0</u>

Supp

Note: <u>https://www.dropbox.com/scl/fi/bpqrr1lt7oogqaum4w26j/MultiSTAAR_Supplementary_Note_v3.docx?rlkey=ydttdn731yu1tfkc24we0iltt&dl=0</u>

Thank you very much to those who were able to provide feedback already, and thank you to those who were able to secure cohort-level P&P approval as well.

We recognize that many folks are on or about to go on vacation. I'm hoping we get feedback from everyone by <u>Aug 27</u> (Sun); please let me know if you need more time.

Please check your affiliations and let us know if anything needs to be updated.

Many thanks everyone for your collaboration and support.

Best,

Xihao & Zilin on behalf of Xihong

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