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| |  | | --- | | **Kelly Tremblay <kltremblay64@gmail.com>** | | May 12, 2020, 8:03 PM |  | https://mail.google.com/mail/u/2/images/cleardot.gif  https://mail.google.com/mail/u/2/images/cleardot.gif |
| |  | | --- | | to mkeomec  https://mail.google.com/mail/u/2/images/cleardot.gif | | | |

Thanks for this update.  If these are the numbers you're getting then we need to determine why they're so different than these numbers in red. The #s in red are the #s you calculated while looking at the database in the lab with me when we were closing out the IRB and filing our NIH closure report. It's so important we get this right and the # of people who initiated the survey is about 1000 off and almost 2000 off from our IRB tables we submitted to NIH.  Could it be that the database you're currently looking at only includes usable data and that's why the #s are lower?

10,744 (the number of people who initiated the survey)

10,282 (number of people who completed required demographic and pathway questions - e.g. NIH ethnicity tables were a required question in order to move forward)

9.572  (the number of people who responded to question #41)

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| |  | | --- | | mkeomec <mkeomec@uw.edu> | | May 14, 2020, 11:54 AM |  | https://mail.google.com/mail/u/2/images/cleardot.gif  https://mail.google.com/mail/u/2/images/cleardot.gif |
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Hi Kelly, I dug deep into the raw data and can confirm the NIH numbers. Here's an updated description of the data:

1. 10,744 (the number of people who initiated the survey)
2. 10,282 (number of people who completed required demographic and pathway questions - e.g. NIH ethnicity tables were a required question in order to move forward)
3. 8050 (the number of people who responded to question #41)

Step 1 is the rawest data I can find. The reason the numbers were off before is because I was starting with a dataset that was already filtered.

Between steps 2 and 3, there are a number of filter steps that take place.

-Michael



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| |  | | --- | | **Kelly Tremblay <kltremblay64@gmail.com>** | | Thu, May 14, 11:59 AM |  | https://mail.google.com/mail/u/2/images/cleardot.gif  https://mail.google.com/mail/u/2/images/cleardot.gif |
| |  | | --- | | to mkeomec, me  https://mail.google.com/mail/u/2/images/cleardot.gif | | | |

Whew - I’m relieved. Otherwise we would have needed to write NIH and IRB and update our #s.  This means the table you created will need to reflect these numbers.

So the only difference needing clarification has to do with the number of people who responded to question #41

Sean’s capstone data/analysis suggests 9.572 people answered #41 (and not 8050 as you now suggest).  This is more than what you describe below. For the paper and the figures/analyses you generated, how many people responded to question #41 and how many were included in the figures/data analysis?

Once these numbers are clarified I promise not to bug you for awhile :-)

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| |  | | --- | | **mkeomec <mkeomec@uw.edu>** | | Thu, May 14, 4:09 PM |  | https://mail.google.com/mail/u/2/images/cleardot.gif  https://mail.google.com/mail/u/2/images/cleardot.gif |
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Hi Kelly,

Sean's number is the derived from the number of people in the processed data after preprocessing and age filtering. Prior to this email, there was no method for knowing how many people responded to question 41. I made a new code that can determine the number of people that responded to Q41. I realized I made a slight miscalculation in coding before, so the number that responded to q41 is updated here:

Raw Data = 10744

Raw Data +ethnicity q = 10282

Cleaned Data = 9983

Cleaned Data w/ age filter = 9517

Cleaned Data + Participants who answered #41 = 8153

This statement in the manuscript should be updated to:

A total of 9983 participants, 60 years of age and older, took part in the survey. The survey was conducted in two ways: (1) to online panel members, and (2) in-person at research test sites (London, Seattle, Sydney, Toronto) where a hearing test was conducted. A subpopulation of 6242 out of 8050 online panel members answered the target question via the online version of the survey (48.3% were female). Of 1911 in-person responders who answered the target question (52.2% female).

7/29/2020

All Research Now subjects= 8050

Subjects >60 = 7590

Subjects >60 who responded to Q2 = 7585

Subjects >60 who responded to Q41 = 7590-1348= 6242

#Female >60 responded to Q41 = 3563-550=3013

%female responded to Q41 = 3013/6242=48.3%

All In person subjects = 1933

Subjects who responded to Q2 and >60= 1927

Subjects >60 who responded to Q41 = 1933-22=1911

#Female>60 responded to Q41=998

%female >60 responded to Q41=52.2%