Author’s response to reviews

Title: Disease Associations Depend on Visit Type: Results from a Visit-Wide Association Study

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Reviewer Comments with Author Responses

We thank the reviewers for their thoughtful comments. We have made substantial edits to the manuscript and have improved the readability of our work. Below is a point-by-point response to the reviews.

Reviewer 1

Reviewer 1, Comment 1: The revised paper addressed the comments suggested well and could be considered to be accepted.

Author Response: We thank the reviewer for this comment and for reviewing our work.
Reviewer 2

Reviewer 2, Comment 1: I think the manuscript is mainly focused on Visit-Wide Association Study rather than traditional Phenome-Wide Association Study. Thus I suggest not to use the abbreviation of Visit-WAS in the title. Visit-WAS is a new concept, which need to be clarified. PheWAS is not. If you use full name of PheWAS in the title, better do the same for Visit-WAS.

Actually, I felt the whole manuscript is not closely related with traditional PheWAS. The "PheWAS" in the title makes readers feel confused...since you did not do typical PheWAS in your analysis at all, you just adopt its frame-work to conduct a Visit-WAS (I believe reviewer 3 also got the similar confusion). The key point of the title should not be PheWAS. As you wrote in the response for reviewer 3, the main purpose of this study is "how diagnoses can be associated with visit type". The title need to be modified into something closely related with true main purpose (may be something as "Visit Types can be Associated with Diagnoses which used in PheWAS: Results from a Visit-Wide Association Study.").

Author Response: We thank the reviewer for this comment and have revised the title to more accurately reflect our research contribution.

Reviewer 2, Comment 2: In "5.2 PheWAS On Visit Type or VisitWAS" second page line 1: "...therefore Fisher's exact test is more appropriate then Chi-square. "

Should be "than" not "then".

Author Response: Thanks so much for catching this issue. We have corrected it in this latest version.