

Dear Production Editor,

Thank you for your review and correction.

We attached our responses to your queries in the end of this letter. We also attached the comments to each points on our proof.

Regards,

Shohei Goda

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#### Q1

Please check the details for any journal references that do not have a link; please update with correct details and supply a CrossRef DOI or NASA ADS link if available. (Page 11)

According to your suggestion, we confirmed the references and found the updated ones. Please change the bibitems as we wrote in the attached proof.

#### Q2

Please cite the references [...] in the text; alternatively, we can delete it from the reference list (Page 11)

Although these references were cited for the star and planet parameters used in our study, please delete them from the list because we just wrote the part of data for star and planet parameters in the tables.

#### Q3

Please provide the publisher details in reference [Chabrier et al. 2014]. (Page 12)

Please include the below information in that reference.

“Protostars and Planets VI, Henrik Beuther, Ralf S. Klessen, Cornelis P. Dullemond, and Thomas Henning (eds.), University of Arizona Press, Tucson”

#### Q4

Please update reference [Durisen et al. 2007] if possible. (Page 12)

Please change the bibitem as below. We also would like you to remove that reference cited in Introduction because what we originally meant is not included in this reference. We keep the reference for citing it in Section 4.2.

“\bibitem{Durisen et al.(2007)}{2007prpl.conf..607D} Durisen, R.~H., Boss, A.~P., Mayer, L., et al. \ 2007, Protostars and Planets V, 607”

#### Q5

Please update if possible all references where only the arXiv preprint number is given. (Page 13)

According to your suggestion, we found the updated reference instead of the arXiv version. Please change the bibitem as we wrote in the attached proof.