Authors' Response to Reviews of

Evaluating the Impacts of Parameter Uncertainty in a Practical Transportation Demand Model

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RC: ***Reviewers' Comment***, AR: Authors' Response, ☐ Manuscript Text

1. Reviewer #1

1.1. Introduction

RC: ***Introduction should more clearly state objectives of this study, especially the specific issues regarding impacts of parameter uncertainty in traffic demand model on prediction results. The current description is a bit vague, and it is recommended to add more explanations on the importance and practical significance of the study.***

1.2. Application Context

RC: ***In literature review, authors are advised to cite relevant literature to expand the application context of traffic model. For example, doi.org/10.1016/j.physa.2024.12954.***

AR: The DOI link supplied by the reviewer was malformed, and we are therefore unable to respond to this comment.

1.3. Model Design

RC: ***In Model Design and Methodology, author is advised to provide more detailed model construction process, assumptions, and specific application of the selected method (such as LHS).***

1.4. Sampling Methodology

RC: ***The authors selected the LHS and MC methods for uncertainty design, but did not describe the rationale and advantages of selecting these methods. It is recommended that the authors add a description of the study method selection process, including the consideration and rationale for the exclusion of other potential methods.***

1.5. Data collection

RC: ***The source and preprocessing process of the data used are not clearly stated in this paper. It is recommended to add a detailed description of the data collection, cleaning, and processing methods.***