Dear Editor,

We would like to submit the enclosed manuscript entitled “Driving Risk Assessment Using Near-miss Events Based on Panel Poisson Regression and Panel Negative Binomial Regression” which we wish to be considered for publication in IET Intelligent Transport Systems.

This study put forward a novel approach of driving risk assessment. In the absence of claims and accidents, the Negative binomial regression results on the panel data set of naturalistic driving data could not only reflect the causal relationship between independent variable driving behavior factors and dependent variable near-miss events, but also provided individual effects as driving risk scores for each observation. We think this study is important, because this approach gave consideration to both interpretability and practicability, and had reference value for the promotion of usage-based insurance. The knowledge gap is clearly addressed in this manuscript and the model proposed in this manuscript can fill the knowledge gap.

This study is based on the original telematics data from China Satellite Navigation and Communications Co., Ltd., which could not be made public due to confidentiality agreements.

The study described in the manuscript is original and has not been submitted elsewhere for publication. All the authors listed have approved the enclosed manuscript.

We would be glad if our manuscript would give you complete satisfaction. Thank you very much for your time and consideration.

Sincerely yours,

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