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A new car-following model with the consideration of incorporating timid and aggressive driving behaviors

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*Highlights (for review)

**A new car-following model with the consideration of incorporating
timid and aggressive driving behaviors**

Research Highlights

This paper has the following highlights:

1. A new car-following model is presented by incorporating the timid and aggressive driving behaviors.
2. The traffic timid and aggressive driving behaviors have been studied on the stability of traffic flow.
3. The starting process is investigated the difference of the timid and aggressive effects.
4. The numerical results show that more aggressive driving behaviors can improve the stability of traffic flow than timid driving behaviors.

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