Review of: "Optimizing Energy Efficiency for Connected and Autonomous Electric Vehicles in the Context of Vehicle-Traffic Interaction"

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Potential competing interests: No potential competing interests to declare.

1. Please give a detailed illustration on Fig.1. What does each parameter in Fig.1 mean?

2. The formulas in the paper should be given in a more professional way, and all parameters used in each formula should be explained.

3. How is the motor torque (Eq.5) deduced from Eq. 2 and 3? No detailed explanation of the formula is given, which makes the paper hard to understand.

4. There are three control strategies mentioned in this paper: Model-Based Control, Feedback Control, and Predictive Control. What is the relationship between them and the proposed algorithm? What are the implementation details of these control policies?

5. The paper proposes an ECO strategy. What is the detail of this strategy?

6. It is hard to know how does the ECO strategy realize the energy saving.

7. The experiment is conducted to verify the energy-saving effectiveness of the ECO strategy, but it does not give the experimental results of saved energy but motor torque. What is the relationship between the energy-saving and the motor torque?

In short, this article still has a lot of problems to be solved, it is not recommended to accept.