



12/05/18

To: Peer Reviewers
University of Utah

Dear To: Peer Reviewers,

Addressing your concerns, I've gone ahead and attempted to fix all comma and grammar issues. I've also attempted to fix all of my run-on and incomplete sentences. I've also added a better discussion section that helps conclude the paper. In response to Ian, I've tried to change my writing style and make it seem a little more revised rather than off-the-cuff. I've taken your advice to try and not use the same phrase over and over again, but in some places, I've left these sentences alone. Sometimes, I think repeating the same word or phrase helps pull a reader in. Also, in response to Ian I've added a little more discussion and changed my conclusion. Instead of saying no solution is the best, my new hypothesis is that combining sensors is the best option for autonomous vehicle safety. In response to Kyle I've attempted to change all 2nd person hypotheticals to 3rd person. I've also attempted to go through the text and smooth out all blocky, disjoint sentences. I've addressed the concern for image clarity and made the images a little bigger. I've also tried to add more information in the text about the figures. In response to minor concerns and annotations, I've attempted to change my paper to address every concern.

Changes made between rough draft and final paper are as follows. Restructuring of the first paragraph in Methods section, this paragraph was moved up into the Introduction. I've also added a paragraph in the Introduction to fill the gap, "Why are methods for calculating relative velocity inaccurate." Added TTC equation in Methods section. Fixed a lot of grammatical errors in this section and changed some paragraphs around. Last paragraph in A is now in B, etc. I've also added some information in the methods section on radar use for calculating relative velocity. In the results section, I've gone ahead and added information in



the text about the figures. Hopefully this will make it clearer to the readers. I've also changed the size of some of the images to try and make them a little more visible. Changed the Results section to a results/discussion section. Added a formal discussion section. Cut out some unnecessary paragraphs in the results section and in conclusion.

Sincerely,

Jonathan Pilling