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Averaging the Averages of Perceived Highway Speed.

We consider the effects of averaging multiple drivers' perceptions of the average speed of traffic on a highway. This work builds on a previous model based on a single driver's perception of the average speed of traffic on a highway, using a continuous probability distribution of car speeds. We examine the resulting often-biased perceptions of the average speed of highway traffic, and we look at attempts to accurately find the average highway speed. (Received September 18, 2012)