How Much Drivers Know About Adaptive Cruise Control: A Survey of Owners and Non-Owners

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Supplemental Information

Descriptive Statistics by Ownership

	N	Age (*M, SD*)	% from Mechanical Turk
Owners	90 (41 F, 49 M)	37.0, 11.4	51
Non-owners	253 (117 F, 136 M)	36.6, 13.3	56

Screenshot of Example Items from Non-Owner ACC Knowledge Questionnaire

Owners: Is the following statement about ACC true for your vehicle?

Owners: Do you think the ACC system in your vehicle might have difficulty in this situation?

Answer no and 4

- Throughout the questionnaire there were 5 "attention checks" which asked participants to give a specific response
- If they missed over 50% of the attention checks, their data was excluded

Description of Predictors Used in Regression Models

Predictor Variable	Description
Number of learning methods	Count of the number of ways participants have learned about either ACC or lane keeping assist (LKA); participants chose from a list of learning methods
Technology Familiarity	An average of three items (each response ranged from 1 to 10) regarding participants' level of experience with technology and the degree to which they consider themselves an early adopter of new technology
Education	Three levels: (1) High school, some postsecondary, or college degree (2) Bachelor's degree (3) Graduate or professional degree
Income	Yearly household income for 2019 (in USD); three levels: (1) Less than $40,000 (2) $40,000 to $74,999 (3) $75,000 or greater Level 1 and 2 were combined for owners due to smaller sample size
Age	Age of participant
Sex	Sex of participant
Experience	For owners only; how often participants use ACC when driving