Protocol efficiency – Participant attrition due to invalid events: i.e., did not have at least one valid lateral and longitudinal event.

- **Training** – no differences
- **Exposure** – more attrition without exposure

The role of system training and exposure on crash warning evaluation

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**METHODS AND MATERIALS**

- **Participants**: 96 enrolled participants between the ages of 35 and 55 completed all study procedures.
- **Scenarios**:
  - **Safety - Response to the alert**
    - Lane departure events
      - Training – no significant effects
      - Exposure – no significant effects
    - Forward crash events
      - Training - two significant effects
      - Exposure – no significant effects
  - **Ability to execute events - Visual commitment**
    - Lane departure events
      - Training - no significant effects
      - Exposure – visual commitment to secondary task durations were longer by ~250 ms with prior exposure

**RESULTS**

- **Safety - Response to the alert**
  - Lane departure events
    - Training – no significant effects
    - Exposure – no significant effects
  - Forward crash events
    - Training - two significant effects
    - Exposure – no significant effects

- **Ability to execute events - Visual commitment**
  - Lane departure events
    - Training - no significant effects
    - Exposure – visual commitment to secondary task durations were longer by ~250 ms with prior exposure

**CONCLUSIONS**

- **Training** – no differences
- **Exposure** – more attrition without exposure

- **Training Slides**
  - **Exposure Effect for LDW**
    - Training Effect for FCW
      - No Training
      - Training

- **Additional Participants Needed**
  - **Training**
    - No Training: 6
    - Exposure: 13
  - **No Exposure**
    - 2

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