

Appendix H

Question-by-Question Justification

Pre Install Questionnaire

Section I

Q1-Q3 Participants risk appraisal of being in a motor vehicle crash and injury risks

Questions 1 - 3 ask participants to assess the risk of their being involved in a crash within the next month when driving alone or when transporting a child. Participants are asked to evaluate the situation that may pose a risk to their safety as well as to child passengers, and determine the likelihood that this event will occur. It is assumed that those individuals who believe the event is more likely to occur are also more likely to take appropriate precautions to reduce risks to their safety and the safety of other passengers.

Overall, levels of perceived risk may vary based upon the demographics of the population recruited, such as experienced vs. inexperienced users, or between those who transport children more frequently, and age of the participant. In addition, people may drive differently when they are alone vs. when they are transporting passengers, especially child passengers. For example, parents and caregivers may drive more cautiously when transporting children. Conversely, a parent might be more distracted when their child is in the car due to the child taking up some of their cognitive resources; therefore, potentially increasing perceived risk.