

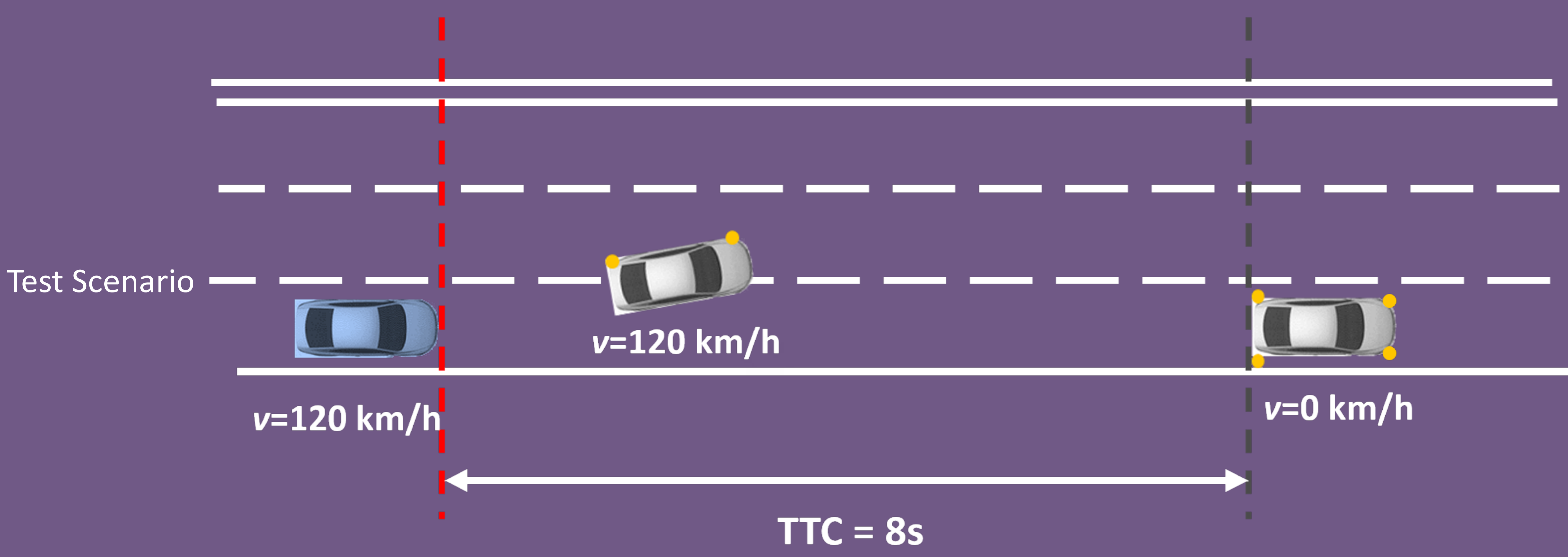


# Simulator Studies on Take-over Times following naturalistic Non-driving-related Tasks

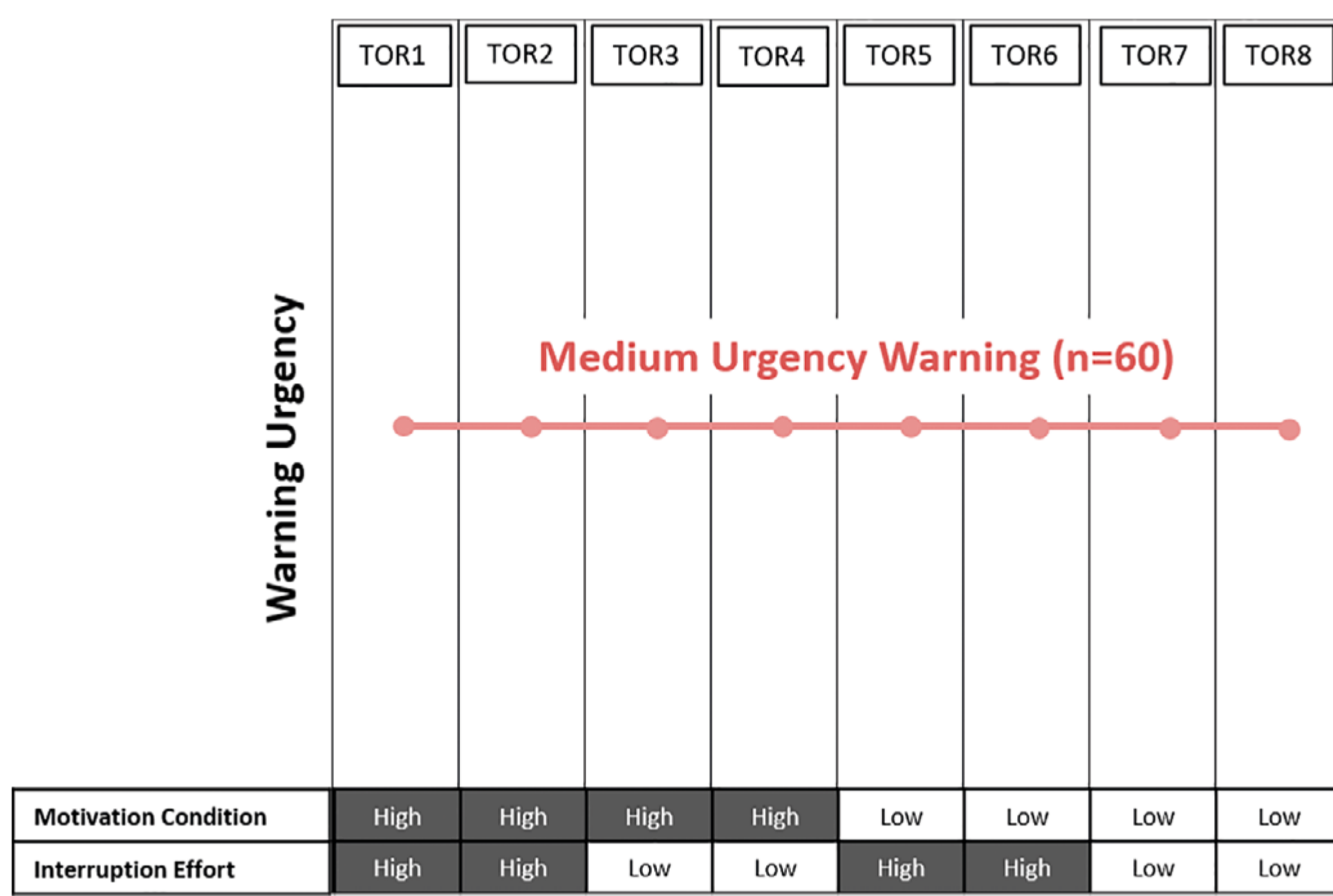
## STUDY 3: ADAPTIVE WARNING URGENCY

N=60

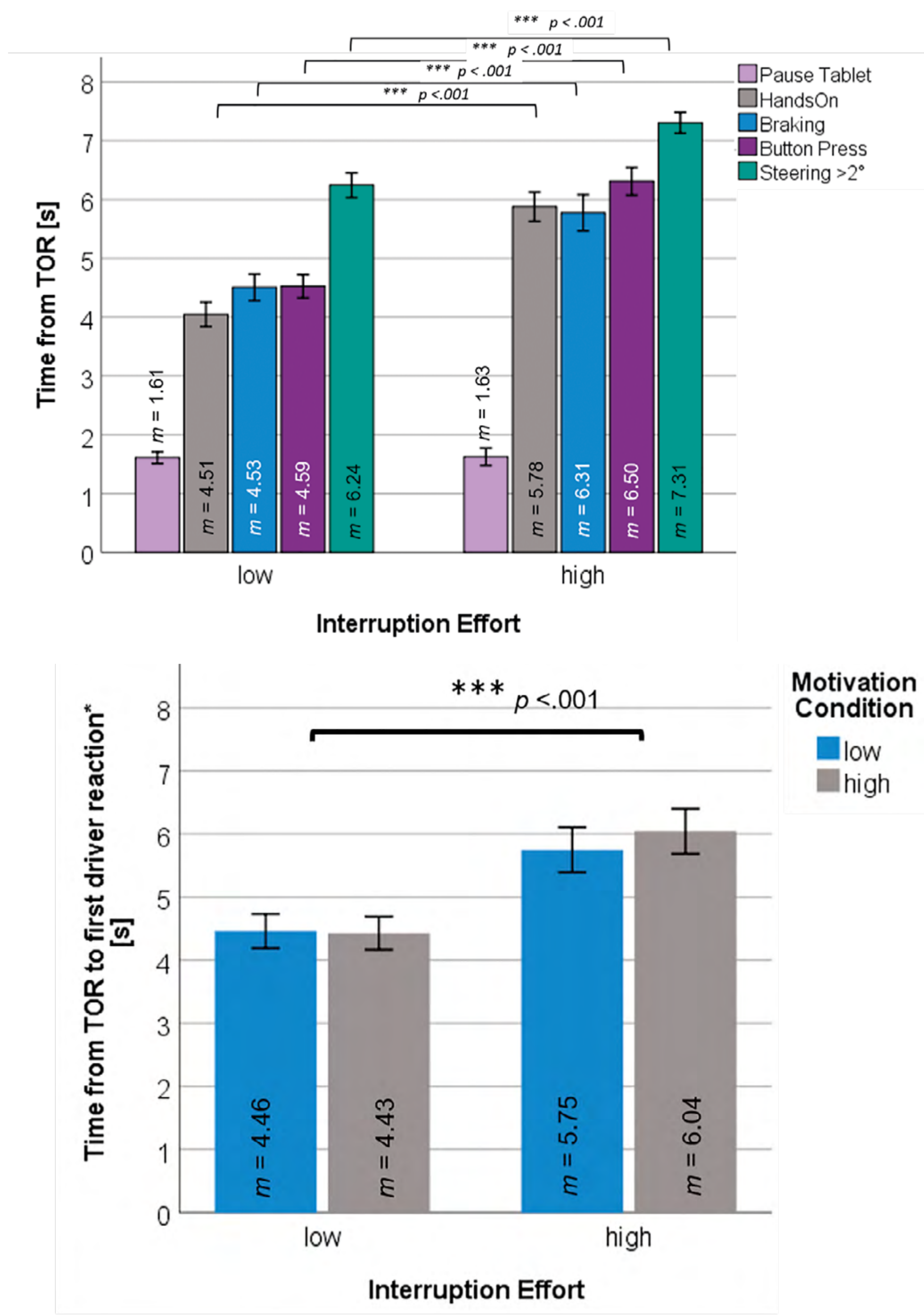
**TOR onset + obstacle visibility**



### PART 1: Influence of interruption steps and motivation

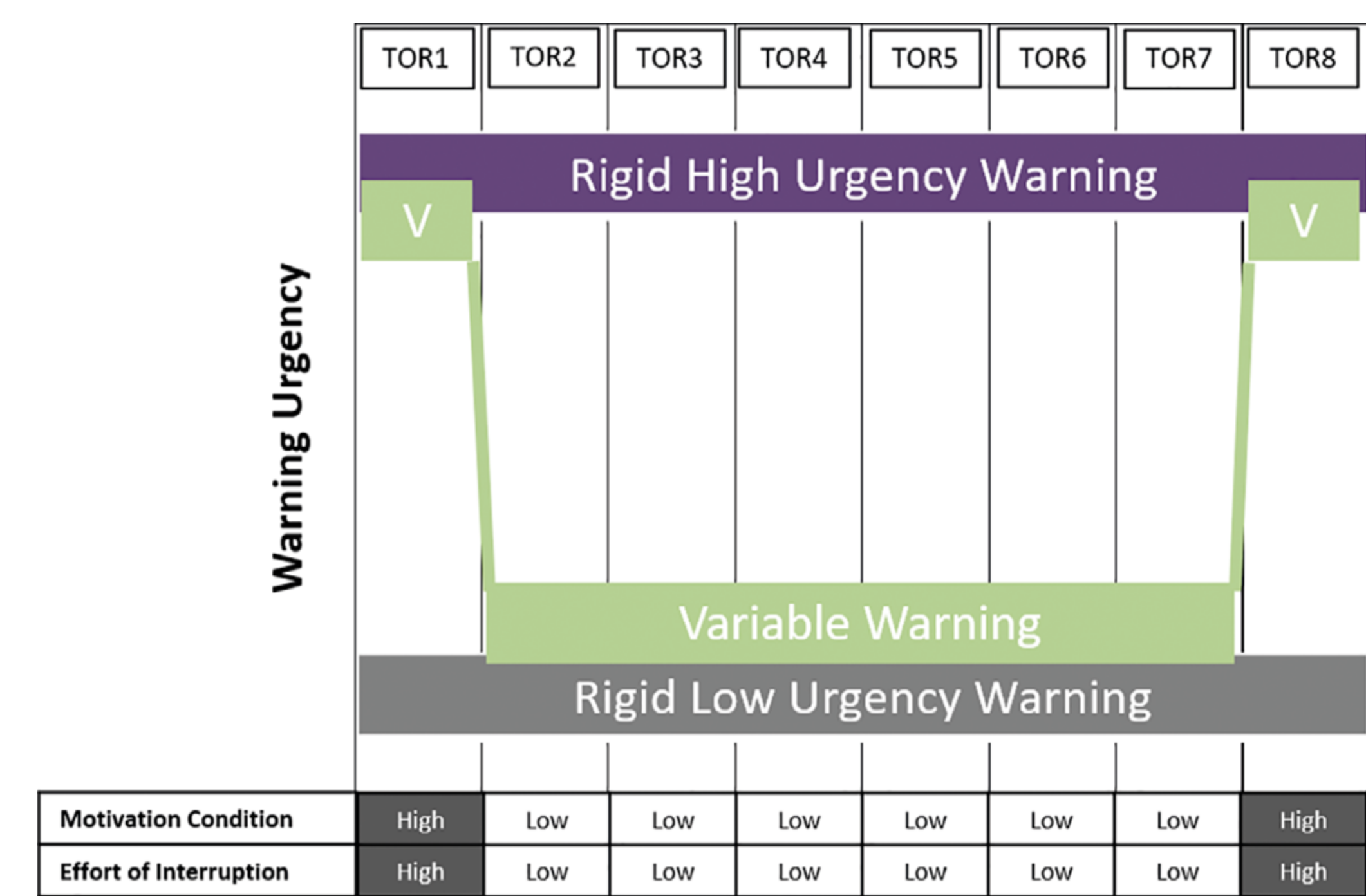


Results (repetition trials only):

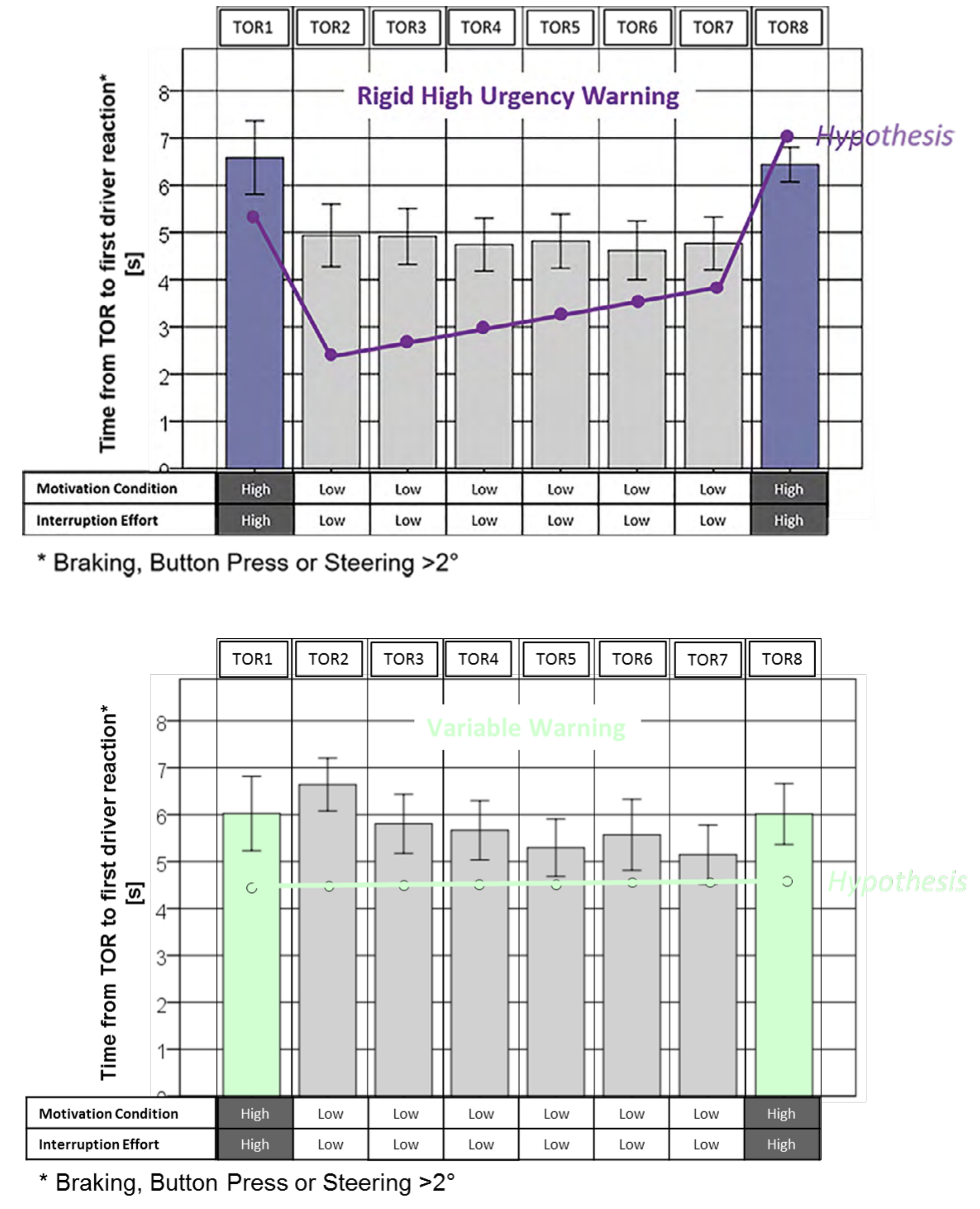


- Drivers **pause the tablet task „reflexively“** approx. 1.6 s after TOR, independently from motivation and interruption condition
- Storing the tablet in the box considerably **delays subsequent reactions** compared to laying it on the co-driver's seat

### PART 2: Medium/ long term effects of adaptive transition concepts



Results:



- The **variable warning concept** has potential for take-over times and acceptance