

List of Contents in Supplementary Material

- **QuantitativeData Folder:** We provide all the raw data collected during our user study. The file name follows the format of "UID_Condition". The conditions in the file name include Body, Display, Object, and World, corresponding to Watch, Speedometer, LaserBeam and ShrinkingLines in our paper. In each file we recorded the actual and rounded timestamp, actual and target speed (in km/h), and the deduced distance.
- **Questionnaire Folder:** In this folder, we provide all the qualitative data collected during our study. The Demographic Survey.csv file contains all anonymised demographic information collected from the participants. The Questionnaires.csv file include answers collected from participants for a) Core Flow Scale (Q3_,Q7_,Q11_,Q15_), b) NASA-TLX (Q4_,Q8_,Q12_,Q16_), c) Additional comments (Q5, Q9, Q13, Q17), and d) User Preference (Q18). The order of prefix of the questions corresponds to the tested 4 conditions, in the order of Body (Watch), Display (Speedometer), Object (LaserBeam), World (ShrinkingLines)
- **Calibration Folder:** In this folder, we provide the calibration data we used to mitigate the potential issue due to the different tracking methods used by our immersive designs (tracked within headset) and the baseline Watch condition (with GPS). The 3 CSV files contain data in the same manner as described for the files in QuantitativeData folder. We logged the speed reading on the watch into the files with an additional column named "WatchSpeed".
- **VideoCaption Folder:** We provide the caption file (.srt) for the accompanying video.