**Notes on Experiment 1:**

The folder contains the data from the 11 pairs in the experiment. Each subject folder contains two folders (for the two experimental blocks) and a mat file. Each subject completed 2 blocks of 30 trials.

The file **XYZ\_calib.mat** contains the calibration data for each subject pair that specifies the position of the start points and the two targets.

This file contains two 3x3 matrices named XYZclose, and XYZfar matrices that represent the y, z, and x positions (in rows) for the starting point, left target and right target (in columns) for the Attacker and Blocker, respectively.

Inside each folder the file **AllShown\_trials.csv** contains the main data. In this file, each row represents a single frame of the data collected from the motion-tracking device.

Relevant columns used for data analysis in this file are:

|  |  |
| --- | --- |
| trial | Trial number |
| timeA | Time from the start of trial |
| frameA | Frame number from the start of trial |
| yA | y position of the Attacker’s finger |
| zA | z position of the Attacker’s finger |
| xA | x position of the Attacker’s finger |
| yB | y position of the Blocker’s finger |
| zB | z position of the Blocker’s finger |
| xB | x position of the Blocker’s finger |
|  |  |

X: horizontal position, Y: vertical position, Z: distance from the screen. Units are in inches for position and in seconds for time.

Other columns were not used for data analysis.

The first frame of each trial should be discarded. Time should be zeroed to the second frame of each trial.