**Notes on Experiment 4:**

The folder contains the data from the 10 subjects in Congruent and Incongruent conditions of this experiment in two separate folders named Congruent and Incongruent. Each subject completed one block of 80 trials.

The file **XYZ\_calib.mat** contains the calibration data for each subject that specifies the position of the start point and the two targets in the XYZfar matrix that represents the y, z, and x positions (in rows) for the starting point, left target and right target (in columns) for the Blocker.

In each subject folder there is a file named **trials\_congOnly.csv** or **trials\_incongOnly.csv** that contains all the 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 |
| trialTime | Time from the start of trial |
| frameShow | Frame number in the Attacker video |
| direction | Direction of the final movement in the video |
| xB | x position of the Blocker’s finger |
| yB | y position of the Blocker’s finger |
| zB | z position of the Blocker’s finger |
| launchind\_a | The frame of the video in which the attacker starts to move |
| hitind\_a | The frame of the video in which the attacker hits the target |

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