

# Fitts' Law experiment report

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## 1 Introduction

The goal of this document is to describe the observations made while four participants tested the Fitts' Law experiment. The following lines describe the actual execution of the experiment ensued by a depiction of the observations and finally a short conclusion.

## 2 The Experiment

While starting with a few welcoming words all four participants were allowed to get used to the mouse model and its specific settings. After that they were given clear instructions for the execution of their task. Each of the participants started the experiment when they felt ready for it.

## 3 Observations

None of the users struggled with the task to alternately click the blue rectangle and the blue target circle. One interesting thing monitored was that all of the users gasped at least once during the execution, probably because of the monotonous task without any user feedback about the progress.

Furthermore one might have got the feeling during testing that small and distant targets were the most difficult to hit - despite the fact that the target width and its distance to the origin were randomly set. Especially after a combination of large to medium circles that were quite close to the origin, one tended to sense the misses on subsequent small and distant targets more actively.

## 4 Conclusions

The task was quite tedious for the participants. A more appealing user interface and some sort of feedback on the progress might change that a little by encouraging the users.

None of the participants complained about mouse settings or model, thanks to the short settling-in period at the beginning of each test.