

The following description will be read to each participant at the beginning of the study to inform participants of the procedure prior starting the experiment.

Introduction Fat Finger

Hello and welcome to the iLab, my name is <experimenter>, and I will guide you through the experiment. Feel free to ask me any question at any time.

Before we start I need to let you know about your rights as a participant.

- If you feel uncomfortable you may quit at any time. The data that we have collected up to that point may be kept if you withdraw before the end of the experiment.

Before we go on with the instructions of the experiment, I would like to let you know that we appreciate your helping us in this study.

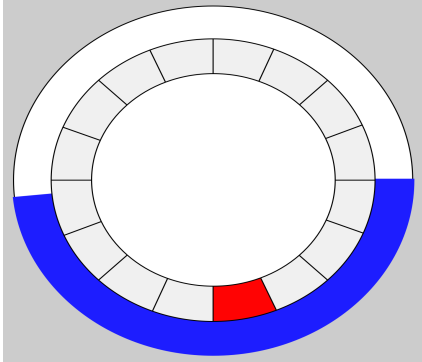
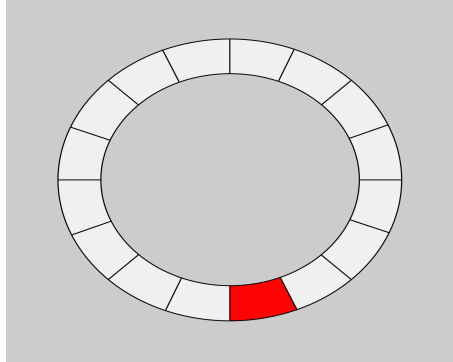
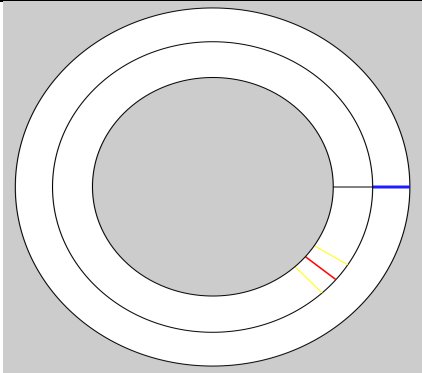
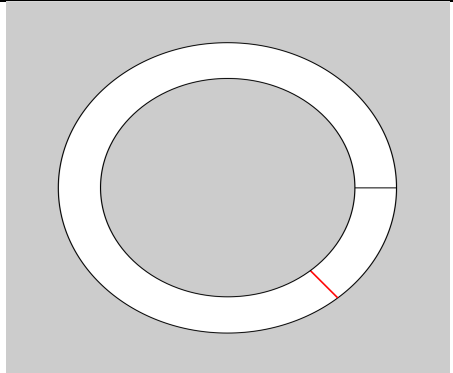
We aim to understand how we can use the index finger's contact size as additional parameter for input besides just its pure location on the device's display. This can be used to enhance the current ways of interacting with a mobile or tablet device, as it is capable of providing us more degrees of freedom when we interact with a display.

Now please read and fill in the Demographic information form. This experiment is anonymous so we will keep no personal information.

<Hand in Demographic information form>

<Continue on next page>

Now I will guide you through the experiment, and start by explaining the different type of trials it consists of.

Targeting	Feedback	No Feedback
<i>Confirm Target</i>	Stay inside target for at least 1 sec	Lift finger from screen
Discrete		
Continuous		

Those 4 types of trials, will occur multiple times with different variable difficulties. Your target is to hit the targets as accurate and as fast as possible. If for any reason you experience finger or wrist fatigue, or you just need a break, you are allowed to do so. Breaks can only occur when the “Start Next Trial” is on screen.

One last but important thing is that you should perform an one-time calibration of your index finger. When prompted, touch the screen with the index finger of your dominant hand. Move it in a way to achieve a minimum and a maximum contact area with the screen. You may visualize your input and calibrate again if necessary.

Remember that you are not allowed to change finger or hands during operation. You may use the index finger of your dominant hand, or the hand you feel more comfortable.

<Start of experiment>