**STUDY – SUPPLEMENTS**

**INTERFACE**

**INTRODUCTION**

<table>
<thead>
<tr>
<th>Supervision Study</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Introduction</strong></td>
</tr>
</tbody>
</table>

Before we start, please note that you can only take part in this user study if you have normal color vision. Otherwise, we would ask you to wait for the left.

In this study, you will have to estimate a machine model’s accuracy and answer a few questions at the beginning and end. You will have to complete 8 tests, all of which have the same instructions. Try to work as quickly as possible although you do not have a strict time limit, we suggest not working longer than 10 seconds on each test. We will provide you with a timer.

The final test is a test to which you cannot submit a detailed explanation of your data and explore the user interface.

If you are ready, please proceed.

**DEMOGRAPHICS**

<table>
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<tbody>
<tr>
<td><strong>Demographic Questions</strong></td>
</tr>
<tr>
<td><strong>before we start, please answer the questions below</strong></td>
</tr>
</tbody>
</table>

Worker ID

| Age |

Gender

<table>
<thead>
<tr>
<th>Gender</th>
<th></th>
</tr>
</thead>
</table>

How familiar are you with data visualization?

| How familiar are you with data visualization? |

How familiar are you with machine learning?

| How familiar are you with machine learning? |

Select the number shown in the image:
**Test-Setting: Feature-Strength-High, Supervised**

**TASK DESCRIPTION**

**CONTROLS**

The plot on the left shows a variety of images. You can use your mouse-wheel to zoom in for more details. You can also hold down your left mouse key to move around.

**TASK**

The images you are shown belong each to exactly one of four categories. The color around each image indicates to which of these categories the image belongs, according to the predictions of a computer model. Please look at the legend provided on the left to understand the assignment of colors to categories.

Your task is to look at different kinds of datasets and estimate how precise the computer model was. Try to work quickly.

Your estimate should be on a scale from 0% to 100%, with 0% meaning no image was assigned the right category and 100% meaning all images were assigned correctly.

For this first training task we will provide you with feedback on how precise your choice was.

**Estimate the amount (in percent) of correctly marked images.**
Test-Setting: Feature-Strength-High, Supervised

Task Description

Controls

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Test-Setting: Feature-Strength-High, Supervised
ATTENTION TASK – MNIST

Test-Setting: Feature-Strength-High, Supervised
TEST CONDITIONS

FMNIST

Shown colors represent GT labels.
Shown colors represent GT labels.