**Classifier**

**Initialization**

**Classifier Prediction**

**Feedback Generator**

|  |  |
| --- | --- |
|  | **Processed**  **Database Collection** |

**v**

**Transparency Adjustment**

**Check Instruction**

**Classifier Recalibration**

Graphical user interface, text

Description automatically generated with medium confidenceA person with a mountain in the background

Description automatically generated with low confidenceA picture containing wall, indoor, person, person

Description automatically generated

**Pre-Evaluation**

**Neurofeedback**

A black background with white text

Description automatically generatedA person wearing a black helmet

Description automatically generated

**Preprocess**

A person wearing a virtual reality headset sitting at a desk with a computer

Description automatically generated with low confidence

**Stimulus**

A graph of colorful lines

Description automatically generated with medium confidence

**Extracted Features**

**Neurofeedback**

**Feature Extraction**

**EEG**

**Human Subject Workstation**

* **Bandpass**
* **Denoise**
* **Artifact Rejection**

**Pre-evaluation**

**Instruction**

**Composite Image**

**Classifier**

**Classifier Initialization**

**Pre-evaluation**