# Experiment procedure

Overview:

1. Passive
   1. Eyes opened
   2. Eyes closed
2. Active
   1. SSVEPs
      1. 10 Hz calibration
      2. 20 Hz calibration
      3. 25 Hz calibration
      4. 40 Hz calibration
      5. 4-digits PIN input
   2. P-300
      1. True sequence calibration
      2. 9-digits PIN input
      3. 4-digits PIN input
   3. Motor Imagery
      1. Calibration
      2. 4-digits PIN input

|  |  |  |
| --- | --- | --- |
| **Experiment** | **Duration, sec** | **Data Label** |
| PASSIVE Eyes opened | 180 | EO |
| PASSIVE Eyes closed | 180 | EC |
| SSVEP 10 Hz calibration |  | SSVEP10 |
| SSVEP 20 Hz calibration |  | SSVEP20 |
| SSVEP 25 Hz calibration |  | SSVEP25 |
| SSVEP 40 Hz calibration |  | SSVEP40 |
| SSVEP 4-digits PIN input |  | PINSSVEP |
| P300 True sequence calibration |  | PIN4CORR3REP |
| P300 9-digits PIN input |  | P300SECRETSPELLER9 |
| P300 4-digits PIN input |  | P300SECRETSPELLER4 |
| MI Calibration | 320 | MICAL |
| MI 4-digits PIN input |  | MIPIN |

## Instructions

1. ***Passive*** 
   1. ***Eyes opened***
   2. ***Eyes closed***
2. ***Active*** 
   1. ***SSVEPs*** 
      1. ***10 Hz calibration***
      2. ***20 Hz calibration***
      3. ***25 Hz calibration***
      4. ***40 Hz calibration***
      5. ***4-digits PIN input***
   2. ***P-300***
      1. ***True sequence calibration***
      2. ***9-digits PIN input***
      3. ***4-digits PIN input***
   3. ***Motor Imagery***

left-hand, right-hand, foot and tongue actions.

* + 1. ***Calibration***
    2. ***4-digits PIN input***