

Plan to create a technical specification for IMU data

1. Elaborate several alternative scores of a participant movement quality, for example:
 - a. Minimum energy
 - b. Minimum frequency of sway
 - c. Minimum breath rate, minimum HRV
2. Assing an external human expert opinion how to estimate a participant's bahaviour and assert the score
3. Download data from an IMU
4. Make an operator learning procedure:
 - a. Filter the temperature and sensor drift
 - b. Decompose the signal into HR, breath and body movement
5. Compute the score and show the score to the participant to train them
6. Wrine a software: an iOS app and an Web app to show the score
7. Make a long-term research: a participant must improve their skills and change their score in a long-term peroid of time.
8. Make a cross-persona research: a more skilled participant is expected to outperform a less skilled one.
9. Deploy
10. Explore the liaison EEG-IMU