|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Cases | Preprocessing | Estimating Correlation | threshold | Virtual vs Physical | | Cooperative vs Competitive | |
| 1 | 1-50 Hz | Cross Correlation  (entire EEG Segment) | 0.1 | p > 0.05 | p > 0.05 | p > 0.05 | p > 0.05 |
| 2 | 1-50 Hz | Cross Correlation  (1s EEG Segment) | 0.5 | p > 0.05 | p > 0.05 | p > 0.05 | p > 0.05 |
| 3 | Theta 3-7 Hz | Cross Correlation  (1s EEG Segment) | 0.5 | p > 0.05 | p > 0.05 | p > 0.05 | p > 0.05 |
| 4 | Alpha 8-12 Hz | Cross Correlation  (1s EEG Segment) | 0.5 | p > 0.05 | p > 0.05 | p > 0.05 | p > 0.05 |
| 5 | Beta 13-29 Hz | Cross Correlation  (1s EEG Segment) | 0.5 | p > 0.05 | p > 0.05 | p > 0.05 | p > 0.05 |
| 6 | Gamma 30 - 50 hz | Cross Correlation  (1s EEG Segment) | 0.5 | p > 0.05 | p > 0.05 | p > 0.05 | p > 0.05 |
|  |  |  |  |  |  |  |  |

**Virtual vs Physical**

* baseline — 1v1 Physical — 1v1Virtual
* baseline — 2vCompphysical — 2vCompvirtual

**Cooperative vs Competitive**

* baseline — 1v1Physical — 2vCompphysical
* baseline — 1v1Virtual — 2vCompvirtual

'AF3'

'F7'

'F3'

'FC5'

'T7'

'P7'

‘O1'

'O2'

'P8'

'T8'

'FC6'

'F4'

'F8'

'AF4'