**MLonMCU Process**

**>> Plot training curves:**

Inter-Subject:





Intra-Subject:





**>> Try t=3s, ds=1, all channels with original channels from paper for both inter and intra and plot on same graph (use a new folder in global results). 🡪 see other doc**







**>> Exclude all P, PO, O and Iz channels and see how the accuracy compares on 64 channels (results in new folder).**

|  |  |  |
| --- | --- | --- |
| No. Channels | Inter 4-Class Accuracy (%) [n\_ds = 1] | |
| Original Channel Selection (T=3) | EEGNet Weights (T = 3s) |
| 8 | 60.27 | 56.20 |
| 16 | - | 62.56 |
| 19 | 63.39 | 63.63 |
| 24 | - | 63.97 |
| 38 | 64.15 | 64.61 |
| 64 | - | 65.54 |

Accuracy with P, PO, O and Iz channels excluded (total 46 channels):

|  |  |  |
| --- | --- | --- |
| No. Channels | Inter 4-Class Accuracy (%) [n\_ds = 1, T = 3s] | |
| Exclude P, O, Iz | EEGNet Weights |
| 46 | 64.04 | 65.52 |

**>> Run with 0.5s time windows and see how the accuracy changes for 64ch, ds=1.**

|  |  |
| --- | --- |
| Time (s) | Accuracy (%) |
| 0.5 | 63.32 |
| 1 | 64.99 |
| 2 | 65.90 |
| 3 | 65.54 |



**>> Shift time window by 0.2s each with 0.5s time windows (shift by max 1s) and see how accuracy is affected for 64ch, ds=1 (new folder).**

|  |  |
| --- | --- |
| Time (s) | Accuracy (%) |
| 0 | 63.32 |
| 0.2 | 62.63 |
| 0.4 | 58.30 |
| 0.6 | 50.83 |
| 0.8 | 43.57 |

