**RAVDESS (split train/test/val 0.7/0.2/0.1), dla MFCC i eGEMAPS oraz dla wszystkich modeli poza CNN dane były standaryzowane i usuwane były atrybuty skorelowane**

|  |  |  |  |
| --- | --- | --- | --- |
| Accuracy/Recall | **MFCC** | **eGEMAPSv2** | **Wav2Vec** |
| **SVM (C=100)** | 0.593/0.587 | 0.6/0.598 | 0.498/0.489 |
| **RF (split po entropii, max-depth 12)** | 0.531/0.527 | 0.615/0.614 | 0.371/0.365 |
| **LR (C=50, max-iter=1000)** | 0.386/0.38 | 0.572/0.569 | 0.497/0.494 |
| **MLP (max-iter=500)** | 0.514/0.504 | 0.618/0.608 | 0.452/0.441 |
| **DT** | 0.336/0.328 | 0.372/0.361 | 0.277/0.285 |
| **GBT (subsample=0.5)** | 0.449/0.437 | 0.604/0.595 | 0.372/0.352 |
| **CNN (architektury w kodzie)** | 0.703/0.685 | 0.665/0.643 | 0.38/0.365 |

**MELD parametry modeli jak dla RAVDESS-a**

|  |  |  |  |
| --- | --- | --- | --- |
| Accuracy/Recall | **MFCC** | **eGEMAPSv2** | **Wav2Vec** |
| **SVM (class-weight=’balanced’)** | 0.251/0.156 | 0.301/0.153 | 0.147/0.155 |
| **RF (class-weight=’balanced’)** | 0.393/0.159 | 0.42/0.163 | 0.435/0.153 |
| **LR (class-weight=’balanced’)** | 0.164/0.154 | 0.168/0.172 | 0.158/0.159 |
| **MLP** | 0.42/0.144 | 0.353/0.161 | 0.379/0.152 |
| **DT (class-weight=’balanced’)** | 0.267/0.135 | 0.28/0.145 | 0.287/0.143 |
| **GBT** | 0.458/0.151 | 0.441/0.161 | 0.412/0.153 |
| **CNN (architektury w kodzie, dla MFCC zbalansowany zbiór poprzez resampling)** | 0.233/0.157 | - | 0.481/0.171 |