Table S8. Two-Second Epoch Size Confusion Matrix Results with Stretch

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| --- | --- | --- | --- |
| **Classifier** | **Feature Name** | **Classes Name** | **Predicted Class** |
| SVM | FFT | Actual Class | Sch | 537 | 7376 |
| Healthy | 5955 | 555 |
| ApEn | Actual Class | Sch | 1124 | 6789 |
| Healthy | 5386 | 1124 |
| ApEn+Band-pass | Actual Class | Sch | 1841 | 6072 |
| Healthy | 5849 | 661 |
| Shannon Entropy+ Band-pass | Actual Class | Sch | 1628 | 7870 |
| Healthy | 7438 | 379 |
| Log Energy Entropy+ Band-pass | Actual Class | Sch | 41 | 9457 |
| Healthy | 7789 | 28 |
| Kurtosis+ Band-pass | Actual Class | Sch | 2784 | 5129 |
| Healthy | 5237 | 1273 |
| KNN | FFT | Actual Class | Sch | 607 | 7306 |
| Healthy | 5954 | 556 |
| ApEn | Actual Class | Sch | 1345 | 6568 |
| Healthy | 55117 | 993 |
| ApEn+ Band-pass | Actual Class | Sch | 3329 | 4584 |
| Healthy | 6121 | 389 |
| Shannon Entropy+ Band-pass | Actual Class | Sch | 512 | 8986 |
| Healthy | 7384 | 433 |
| Log Energy Entropy+ Band-pass | Actual Class | Sch | 71 | 9427 |
| Healthy | 7767 | 50 |
| Kurtosis+ Band-pass | Actual Class | Sch | 2379 | 5534 |
| Healthy | 3807 | 2730 |
| QDA | FFT | Actual Class | Sch | 1933 | 5980 |
| Healthy | 5773 | 737 |
| ApEn | Actual Class | Sch | 3480 | 4433 |
| Healthy | 5326 | 1184 |
| ApEn+ Band-pass | Actual Class | Sch | 3601 | 4312 |
| Healthy | 6325 | 195 |
| Shannon Entropy+ Band-pass | Actual Class | Sch | 5532 | 3966 |
| Healthy | 7656 | 161 |
| Log Energy Entropy+ Band-pass | Actual Class | Sch | 325 | 9173 |
| Healthy | 7779 | 38 |
| Kurtosis+ Band-pass | Actual Class | Sch | 6010 | 1903 |
| Healthy | 5572 | 938 |
| EC | FFT | Actual Class | Sch | 613 | 7300 |
| Healthy | 6050 | 460 |
| ApEn | Actual Class | Sch | 1314 | 6599 |
| Healthy | 5316 | 1194 |
| ApEn+ Band-pass | Actual Class | Sch | 1956 | 5957 |
| Healthy | 5847 | 663 |
| Shannon Entropy+ Band-pass | Actual Class | Sch | 229 | 9269 |
| Healthy | 7677 | 140 |
| Log Energy Entropy+ Band-pass | Actual Class | Sch | 39 | 9459 |
| Healthy | 7787 | 30 |
| Kurtosis+ Band-pass | Actual Class | Sch | 2610 | 5303 |
| Healthy | 5245 | 1265 |