Data used to draw the graphs in the manuscript

The tables below shows the points used to draw graphs in the manuscript

Table Classification accuracy with different dimensionality reduction

|  |  |  |
| --- | --- | --- |
| Dimension reduction | Accuracy | No of categories |
| Proposed method | 92.6% | 9 categories |
| IG | 79.12% |
| CHI | 76.09% |
| DF | 82.41% |
| Pure PCA | 87.45% |

Table classification accuracy using different machine learning classifiers

|  |  |  |
| --- | --- | --- |
| Classifier | Accuracy | Number of categories |
| MLP | 92.6% | 9 categories |
| SVM | 87.67% |
| DT | 75.34% |