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| --- | --- | --- | --- | --- | --- | --- |
| XGOOST results for different databases | | | | | | |
|  | DB1 | DB2 | DB3 | DB4 | DB5 | DB6 |
| Cv=10 | 97.58% (+/- 0.36%) | 44.02% (+/- 25.31%) | 63.97% (+/- 11.28%) | 54.57% (+/- 12.59%) | 47.33% (+/- 28.24%) | 57.94% (+/- 18.07%) |
| Train/test=80/20 | 96.83% | 95.64% | 96.41% | 91.32% | 91.86% | 96.13% |

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| --- | --- | --- | --- | --- | --- | --- |
| TPOT results for different databases(train/test=80/20) | | | | | | |
|  | DB1 | DB2 | DB3 | DB4 | DB5 | DB6 |
| GEN=5 |  |  |  |  |  |  |
| GEN=20 |  |  |  |  |  |  |
| GEN=50 |  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- |
| Auto-keras accuracy results for different databases(train/test=80/20) | | | | | | |
| No of models | DB1 | DB2 | DB3 | DB4 | DB5 | DB6 |
| Trails=20 | 80.06% | 77.84% | 94.65% | 96% | 84.4% | 94.18% |
| Trails =50 | 82.54% | 66.20% | 96.56% | 96.3% | 78.05% | 94.12% |

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| --- | --- | --- | --- | --- | --- | --- |
| Matlab Classification learner results for different databases | | | | | | |
|  | DB1 | DB2 | DB3 | DB4 | DB5 | DB6 |
| Cv=10 |  |  |  |  |  |  |
| Train/test=80/20 |  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- |
| Orange best results for different databases | | | | | | |
|  | DB1 | DB2 | DB3 | DB4 | DB5 | DB6 |
| Cv=10 |  |  |  |  |  |  |
| Train/test=80/20 |  |  |  |  |  |  |