

| max_leaf_nodes | param_classifier__max_depth | mean_test_score | rank_test_score | mean_train_score |
|----------------|-----------------------------|-----------------|-----------------|------------------|
| 10 | 3 | 0.833810 | 1 | 0.849293 |
| 15 | 3 | 0.833810 | 1 | 0.849293 |
| 20 | 3 | 0.833810 | 1 | 0.849293 |
| 30 | 3 | 0.833810 | 1 | 0.849293 |
| 15 | 12 | 0.822381 | 5 | 0.906367 |
| 15 | 10 | 0.822381 | 5 | 0.906367 |
| 10 | 2 | 0.818095 | 7 | 0.842356 |
| 20 | 2 | 0.818095 | 7 | 0.842356 |
| 30 | 2 | 0.818095 | 7 | 0.842356 |
| 15 | 2 | 0.818095 | 7 | 0.842356 |
| 10 | 6 | 0.817619 | 11 | 0.878681 |
| 15 | 6 | 0.817619 | 11 | 0.898661 |
| 30 | 12 | 0.817619 | 11 | 0.955371 |
| 15 | 8 | 0.812857 | 14 | 0.905710 |
| 10 | 8 | 0.810952 | 15 | 0.879871 |
| 10 | 10 | 0.810952 | 15 | 0.879871 |
| 10 | 12 | 0.810952 | 15 | 0.879871 |
| 20 | 6 | 0.808095 | 18 | 0.910320 |
| 20 | 8 | 0.805714 | 19 | 0.916149 |
| 30 | 6 | 0.801429 | 20 | 0.911510 |
| 20 | 12 | 0.800952 | 21 | 0.925989 |
| 30 | 10 | 0.798095 | 22 | 0.952608 |
| 20 | 10 | 0.794286 | 23 | 0.925989 |
| 30 | 8 | 0.782857 | 24 | 0.936018 |