k_test_score	mean_test_score	params
1	0.7	{'rfmax_depth': 20, 'rfmin_samples_leaf': 1, 'rfmin_samples_split': 2, 'rfn_estimators': 20
1	0.7	{'rfmax_depth': 16, 'rfmin_samples_leaf': 1, 'rfmin_samples_split': 2, 'rfn_estimators': 22
3	0.6974999999999999	{'rf_max_depth': 20, 'rf_min_samples_leaf': 1, 'rf_min_samples_split': 2, 'rf_n_estimators': 22
3	0.6974999999999999	{'rf_max_depth': 22, 'rf_min_samples_leaf': 1, 'rf_min_samples_split': 2, 'rf_n_estimators': 22
3	0.6974999999999999	{'rfmax_depth': 24, 'rfmin_samples_leaf': 1, 'rfmin_samples_split': 2, 'rfn_estimators': 22
6	0.6962499999999999	{'rfmax_depth': 22, 'rfmin_samples_leaf': 1, 'rfmin_samples_split': 2, 'rfn_estimators': 20
6	0.6962499999999999	{'rfmax_depth': 24, 'rfmin_samples_leaf': 1, 'rfmin_samples_split': 2, 'rfn_estimators': 20
8	0.69500000000000001	{'rfmax_depth': 16, 'rfmin_samples_leaf': 1, 'rfmin_samples_split': 2, 'rfn_estimators': 20
8	0.69500000000000001	{'rfmax_depth': 20, 'rfmin_samples_leaf': 1, 'rfmin_samples_split': 3, 'rfn_estimators': 17
10	0.695	{'rfmax_depth': 22, 'rfmin_samples_leaf': 1, 'rfmin_samples_split': 3, 'rfn_estimators': 17
10	0.695	{'rfmax_depth': 18, 'rfmin_samples_leaf': 1, 'rfmin_samples_split': 3, 'rfn_estimators': 20
10	0.695	{'rfmax_depth': 24, 'rfmin_samples_leaf': 1, 'rfmin_samples_split': 3, 'rfn_estimators': 17
13	0.69375	{'rfmax_depth': 16, 'rfmin_samples_leaf': 1, 'rfmin_samples_split': 2, 'rfn_estimators': 17
13	0.69375	{'rfmax_depth': 20, 'rfmin_samples_leaf': 1, 'rfmin_samples_split': 2, 'rfn_estimators': 17
15	0.69250000000000001	{'rfmax_depth': 18, 'rfmin_samples_leaf': 1, 'rfmin_samples_split': 3, 'rfn_estimators': 17
15	0.6925000000000001	{'rfmax_depth': 22, 'rfmin_samples_leaf': 1, 'rfmin_samples_split': 2, 'rfn_estimators': 17
15	0.6925000000000001	{'rfmax_depth': 24, 'rfmin_samples_leaf': 1, 'rfmin_samples_split': 2, 'rfn_estimators': 17
15	0.6925000000000001	{'rfmax_depth': 18, 'rfmin_samples_leaf': 1, 'rfmin_samples_split': 2, 'rfn_estimators': 22
19	0.6925	{'rfmax_depth': 20, 'rfmin_samples_leaf': 1, 'rfmin_samples_split': 3, 'rfn_estimators': 20
19	0.6925	{'rfmax_depth': 22, 'rfmin_samples_leaf': 1, 'rfmin_samples_split': 3, 'rfn_estimators': 20
19	0.6925	{'rfmax_depth': 24, 'rfmin_samples_leaf': 1, 'rfmin_samples_split': 3, 'rfn_estimators': 20
22	0.6924999999999999	{'rfmax_depth': 18, 'rfmin_samples_leaf': 1, 'rfmin_samples_split': 2, 'rfn_estimators': 17
23	0.69125	{'rfmax_depth': 18, 'rfmin_samples_leaf': 1, 'rfmin_samples_split': 3, 'rfn_estimators': 22
23	0.69125	{'rfmax_depth': 18, 'rfmin_samples_leaf': 1, 'rfmin_samples_split': 4, 'rfn_estimators': 22
23	0.69125	{'rfmax_depth': 18, 'rfmin_samples_leaf': 1, 'rfmin_samples_split': 2, 'rfn_estimators': 20
26	0.6912499999999999	{'rf_max_depth': 22, 'rf_min_samples_leaf': 1, 'rf_min_samples_split': 3, 'rf_n_estimators': 22
26	0.6912499999999999	{'rfmax_depth': 16, 'rfmin_samples_leaf': 1, 'rfmin_samples_split': 4, 'rfn_estimators': 22
26	0.6912499999999999	{'rf_max_depth': 24, 'rf_min_samples_leaf': 1, 'rf_min_samples_split': 3, 'rf_n_estimators': 22
29	0.6900000000000001	{'rfmax_depth': 16, 'rfmin_samples_leaf': 1, 'rfmin_samples_split': 4, 'rfn_estimators': 17
29	0.6900000000000001	{'rf_max_depth': 20, 'rf_min_samples_leaf': 1, 'rf_min_samples_split': 3, 'rf_n_estimators': 22
31	0.68999999999998	{'rf_max_depth': 22, 'rf_min_samples_leaf': 1, 'rf_min_samples_split': 4, 'rf_n_estimators': 22
31	0.68999999999998	{'rf_max_depth': 20, 'rf_min_samples_leaf': 1, 'rf_min_samples_split': 4, 'rf_n_estimators': 22
31	0.689999999999998	{'rf_max_depth': 24, 'rf_min_samples_leaf': 1, 'rf_min_samples_split': 4, 'rf_n_estimators': 22

```
34
                   0.68875
                                     {'rf__max_depth': 22, 'rf__min_samples_leaf': 1, 'rf__min_samples_split': 4, 'rf__n_estimators': 20
                                     {'rf max depth': 20, 'rf min samples leaf': 1, 'rf min samples split': 4, 'rf n estimators': 20
34
                   0.68875
34
                   0.68875
                                     {'rf max depth': 16, 'rf min samples leaf': 1, 'rf min samples split': 4, 'rf n estimators': 20
                                     {'rf__max_depth': 24, 'rf__min_samples_leaf': 1, 'rf__min_samples_split': 4, 'rf__n_estimators': 20
34
                   0.68875
34
                   0.68875
                                     {'rf__max_depth': 18, 'rf__min_samples_leaf': 1, 'rf__min_samples_split': 4, 'rf__n_estimators': 20
39
                    0.6875
                                     {'rf__max_depth': 24, 'rf__min_samples_leaf': 1, 'rf__min_samples_split': 4, 'rf__n_estimators': 1
39
                    0.6875
                                     {'rf__max_depth': 16, 'rf__min_samples_leaf': 1, 'rf__min_samples_split': 3, 'rf__n_estimators': 1
39
                    0.6875
                                     {'rf__max_depth': 16, 'rf__min_samples_leaf': 1, 'rf__min_samples_split': 3, 'rf__n_estimators': 20
39
                                     {'rf__max_depth': 22, 'rf__min_samples_leaf': 1, 'rf__min_samples_split': 4, 'rf__n_estimators': 1
                    0.6875
                    0.6875
39
                                     {'rf__max_depth': 20, 'rf__min_samples_leaf': 1, 'rf__min_samples_split': 4, 'rf__n_estimators': 1
44
                   0.68625
                                     {'rf__max_depth': 18, 'rf__min_samples_leaf': 1, 'rf__min_samples_split': 4, 'rf__n_estimators': 1
45
            0.6862499999999999
                                     {'rf__max_depth': 16, 'rf__min_samples_leaf': 1, 'rf__min_samples_split': 3, 'rf__n_estimators': 23
46
                                     {'rf max depth': 18, 'rf min samples leaf': 1, 'rf min samples split': 1, 'rf n estimators': 23
                      nan
                                     {'rf__max_depth': 20, 'rf__min_samples_leaf': 1, 'rf__min_samples_split': 1, 'rf__n_estimators': 23
46
                      nan
46
                                     {'rf__max_depth': 16, 'rf__min_samples_leaf': 1, 'rf__min_samples_split': 1, 'rf__n_estimators': 20
                      nan
46
                                     {'rf__max_depth': 16, 'rf__min_samples_leaf': 1, 'rf__min_samples_split': 1, 'rf__n_estimators': 23
                      nan
                                     {'rf__max_depth': 22, 'rf__min_samples_leaf': 1, 'rf__min_samples_split': 1, 'rf__n_estimators': 1
46
                      nan
46
                                     {'rf__max_depth': 22, 'rf__min_samples_leaf': 1, 'rf__min_samples_split': 1, 'rf__n_estimators': 20
                      nan
                                     {'rf__max_depth': 22, 'rf__min_samples_leaf': 1, 'rf__min_samples_split': 1, 'rf__n_estimators': 23
46
                      nan
                                     {'rf__max_depth': 24, 'rf__min_samples_leaf': 1, 'rf__min_samples_split': 1, 'rf__n_estimators': 20
46
                      nan
                                     {'rf__max_depth': 24, 'rf__min_samples_leaf': 1, 'rf__min_samples_split': 1, 'rf__n_estimators': 1
46
                      nan
46
                                     {'rf__max_depth': 18, 'rf__min_samples_leaf': 1, 'rf__min_samples_split': 1, 'rf__n_estimators': 1
                      nan
46
                      nan
                                     {'rf__max_depth': 20, 'rf__min_samples_leaf': 1, 'rf__min_samples_split': 1, 'rf__n_estimators': 20
                                     {'rf max depth': 20, 'rf min samples leaf': 1, 'rf min samples split': 1, 'rf n estimators': 1;
46
                      nan
46
                                     {'rf__max_depth': 18, 'rf__min_samples_leaf': 1, 'rf__min_samples_split': 1, 'rf__n_estimators': 20
                      nan
46
                                     {'rf__max_depth': 24, 'rf__min_samples_leaf': 1, 'rf__min_samples_split': 1, 'rf__n_estimators': 23
                      nan
```

{'rf\_\_max\_depth': 16, 'rf\_\_min\_samples\_leaf': 1, 'rf\_\_min\_samples\_split': 1, 'rf\_\_n\_estimators': 1

46

nan