dict\_keys(['mean\_fit\_time', 'std\_fit\_time', 'mean\_score\_time', 'std\_score\_time', 'param\_C', 'param\_kernel', 'param\_gamma', 'params', 'split0\_test\_score', 'split1\_test\_score', 'split2\_test\_score', 'mean\_test\_score', 'std\_test\_score', 'rank\_test\_score', 'split0\_train\_score', 'split1\_train\_score', 'split2\_train\_score', 'mean\_train\_score', 'std\_train\_score'])

dict\_values([array([ 29.2548631 , 127.2562871 , 836.93000658, 14.18346572,

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22.30767099, 229.45909389, 14.18949946, 14.39152757]), array([ 3.84886081, 15.34504005, 64.12738061, 0.39534726,

0.27661215, 0.97619356, 6.86346373, 0.79196375,

2.56464743, 25.22399837, 0.23684375, 0.86027349]), array([ 1.22452378, 1.3764499 , 1.30919695, 3.05534561, 3.43143511,

3.53760592, 3.03804111, 3.37139622, 5.14266713, 2.93679595,

3.11646358, 3.46067222]), array([ 0.12125351, 0.03900214, 0.06846378, 0.07092386, 0.25634604,

0.18337547, 0.05192522, 0.08501003, 1.1649302 , 0.1261453 ,

0.04104266, 0.15608622]), masked\_array(data = [1 10 100 1 1 1 10 10 10 100 100 100],

mask = [False False False False False False False False False False False False],

fill\_value = ?)

, masked\_array(data = ['linear' 'linear' 'linear' 'rbf' 'rbf' 'rbf' 'rbf' 'rbf' 'rbf' 'rbf' 'rbf'

'rbf'],

mask = [False False False False False False False False False False False False],

fill\_value = ?)

, masked\_array(data = [-- -- -- 0.1 0.001 0.0001 0.1 0.001 0.0001 0.1 0.001 0.0001],

mask = [ True True True False False False False False False False False False],

fill\_value = ?)

, [{'C': 1, 'kernel': 'linear'}, {'C': 10, 'kernel': 'linear'}, {'C': 100, 'kernel': 'linear'}, {'C': 1, 'gamma': 0.1, 'kernel': 'rbf'}, {'C': 1, 'gamma': 0.001, 'kernel': 'rbf'}, {'C': 1, 'gamma': 0.0001, 'kernel': 'rbf'}, {'C': 10, 'gamma': 0.1, 'kernel': 'rbf'}, {'C': 10, 'gamma': 0.001, 'kernel': 'rbf'}, {'C': 10, 'gamma': 0.0001, 'kernel': 'rbf'}, {'C': 100, 'gamma': 0.1, 'kernel': 'rbf'}, {'C': 100, 'gamma': 0.001, 'kernel': 'rbf'}, {'C': 100, 'gamma': 0.0001, 'kernel': 'rbf'}], array([ 0.72285714, 0.72285714, 0.71978022, 0.73417582, 0.7232967 ,

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0.73505495, 0.72318681]), array([ 0.71593407, 0.71593407, 0.71648352, 0.73197802, 0.71131868,

0.68406593, 0.72923077, 0.72923077, 0.70197802, 0.73043956,

0.73384615, 0.71813187]), array([ 0.71788109, 0.71788109, 0.71722167, 0.73326739, 0.71018793,

0.67183207, 0.73128915, 0.72898121, 0.69238378, 0.72755248,

0.723596 , 0.72095835]), array([ 0.7188908 , 0.7188908 , 0.71782849, 0.73314041, 0.71493461,

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0.73083263, 0.720759 ]), array([ 0.00291516, 0.00291516, 0.00141263, 0.00090175, 0.00593104,

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0.00514053, 0.00206852]), array([ 7, 7, 9, 1, 10, 12, 3, 5, 11, 3, 2, 6]), array([ 0.72036925, 0.72025935, 0.71888565, 0.73553492, 0.71800648,

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0.73515028, 0.72102863]), array([ 0.71850102, 0.71850102, 0.71866586, 0.73773284, 0.71949008,

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0.73515028, 0.72245728]), array([ 0.72005495, 0.72005495, 0.71983516, 0.73637363, 0.7117033 ,

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0.73247253, 0.72368132]), array([ 0.71964174, 0.71960511, 0.71912889, 0.73654713, 0.71639995,

0.68660034, 0.73469724, 0.73167519, 0.70676597, 0.73907466,

0.7342577 , 0.72238907]), array([ 0.00081675, 0.00078516, 0.00050741, 0.00090565, 0.00337582,

0.00454704, 0.00157039, 0.00154222, 0.00601488, 0.00166883,

0.00126231, 0.00108403])])

spanish

datasets/spanish/Spanish\_Train.tsv

datasets/spanish/Spanish\_Dev.tsv

spanish: 13750 training - 1622 dev

dict\_keys(['mean\_fit\_time', 'std\_fit\_time', 'mean\_score\_time', 'std\_score\_time', 'param\_C', 'param\_kernel', 'param\_gamma', 'params', 'split0\_test\_score', 'split1\_test\_score', 'split2\_test\_score', 'mean\_test\_score', 'std\_test\_score', 'rank\_test\_score', 'split0\_train\_score', 'split1\_train\_score', 'split2\_train\_score', 'mean\_train\_score', 'std\_train\_score'])

dict\_values([array([ 2.76021838, 377.93409117, 816.89875189, 3.35509626,

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3.1354847 , 16.68869408, 4.45306897, 3.92427063]), array([ 1.62426955e-01, 7.27318049e-01, 1.97040560e+02,

3.02533190e-01, 1.15398951e-01, 1.72614883e-01,

2.20511268e-01, 1.26265200e-01, 1.70319383e-01,

3.99757032e+00, 2.06382001e-01, 3.02678437e-01]), array([ 0.30967625, 0.30019053, 0.28168352, 0.68904837, 0.85208424,

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0.73349897, 0.76667619]), array([ 0.00723674, 0.0139858 , 0.00572512, 0.05833786, 0.01648469,

0.04572802, 0.00360707, 0.0050154 , 0.0279387 , 0.00609058,

0.08308341, 0.07027919]), masked\_array(data = [1 10 100 1 1 1 10 10 10 100 100 100],

mask = [False False False False False False False False False False False False],

fill\_value = ?)

, masked\_array(data = ['linear' 'linear' 'linear' 'rbf' 'rbf' 'rbf' 'rbf' 'rbf' 'rbf' 'rbf' 'rbf'

'rbf'],

mask = [False False False False False False False False False False False False],

fill\_value = ?)

, masked\_array(data = [-- -- -- 0.1 0.001 0.0001 0.1 0.001 0.0001 0.1 0.001 0.0001],

mask = [ True True True False False False False False False False False False],

fill\_value = ?)

, [{'C': 1, 'kernel': 'linear'}, {'C': 10, 'kernel': 'linear'}, {'C': 100, 'kernel': 'linear'}, {'C': 1, 'gamma': 0.1, 'kernel': 'rbf'}, {'C': 1, 'gamma': 0.001, 'kernel': 'rbf'}, {'C': 1, 'gamma': 0.0001, 'kernel': 'rbf'}, {'C': 10, 'gamma': 0.1, 'kernel': 'rbf'}, {'C': 10, 'gamma': 0.001, 'kernel': 'rbf'}, {'C': 10, 'gamma': 0.0001, 'kernel': 'rbf'}, {'C': 100, 'gamma': 0.1, 'kernel': 'rbf'}, {'C': 100, 'gamma': 0.001, 'kernel': 'rbf'}, {'C': 100, 'gamma': 0.0001, 'kernel': 'rbf'}], array([ 0.73472949, 0.73472949, 0.73472949, 0.74890925, 0.73211169,

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0.73445341, 0.73379882]), array([ 0.73663539, 0.73663539, 0.73663539, 0.75300022, 0.73707179,

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0.00148208, 0.00118058]), array([ 5, 5, 5, 3, 10, 12, 1, 5, 11, 2, 4, 5]), array([ 0.73521711, 0.73521711, 0.73521711, 0.74983635, 0.73499891,

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0.736199 , 0.73521711]), array([ 0.73568234, 0.73568234, 0.73568234, 0.75117268, 0.73546416,

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0.73677321, 0.73426421]), array([ 0.73505455, 0.73505455, 0.73505455, 0.75069088, 0.73523636,

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0.73625454, 0.73505455]), array([ 0.00059025, 0.00059025, 0.00059025, 0.00060588, 0.00019006,

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0.00040273, 0.00059025])])