Report
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LDA (Linear Discriminant Analysis) performed less accurate relative to other two classifiers. The accuracy rate for LDA prediction is 0.855670. However, the other two performed relatively equal and showed high results under 100% accuracy. The cross-validation shows that SVM's (Support Vector Machines) rbf kernel got 100% accuracy at the gamma = 5.915315. Moreover, the DT (Decision Tree) classifier obtained not worse results in comparison to SVM classifier. The cross-validation showed 100% accuracy both in the case of 'best' splitter and 'random' splitter. However, the difference in those splitters was max_depth: 'best' got depth 956, 'random' splitter got depth of 527. At some point the cross-validation scores may not obtain 100% accuracy but in the range of 1 to 1000 most of the results show that DT got 100% accuracy.