SVM Accuracy for various Kernels Linear,RBF(Radial Basis Function),Poly,Sigmoid,Precomputed

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| Kernel | Linear | RBF | Poly | Sigmoid | Precomputed |
| Cost parameter C1.0 | 0.89507 | -0.05731 | -0.05089 | -0.05749 | Need 35x5 matrix our dataset is 51x5 |
| C10 | -2.43721 | -0.05580 | 0.02531 | -0.05761 | - |
| C100 | -357.0795 | -0.03023 | 0.46566 | -0.05878 | - |
| C500 | Takes more time | 0.05001 | 0.64032 | -0.06401 | - |
| C1000 | Takes more time | 0.16060 | 0.64888 | -0.07070 | - |
| C1500 | Takes more time | 0.23611 | 0.67174 | -0.07754 | - |
| C2000 | Takes more time | 0.28839 | 0.69916 | -0.08453 | - |
| C3000 | Takes more time | 0.33472 | 0.6909 | -0.08453 | - |