

	Set	Model	Accuracy	Recall	Precision	F1	Matthews Correlation Coefficient	Permutation Testing P-Value
0	Training Set (2327 Compounds)	Dummy Classifier	0.7353	1.0000	0.7353	0.8475	0.0000	<NA>
1	Training Set (2327 Compounds)	Logistic Regression	0.8496	0.9620	0.8536	0.9041	0.5839	0.0099
2	Training Set (2327 Compounds)	Support Vector Classification	0.8470	0.9714	0.8451	0.9035	0.5742	0.0099
3	Training Set (2327 Compounds)	K-Nearest Neighbour Classifier	0.8719	0.9585	0.8792	0.9168	0.6533	0.0099
4	Training Set (2327 Compounds)	Random Forest Classifier	0.8702	0.9468	0.8854	0.9148	0.6520	0.0099
5	Training Set (2327 Compounds)	Decision Tree Classifier	0.8234	0.8901	0.8729	0.8810	0.5400	0.0099
6	Training Set (2327 Compounds)	Stochastic Gradient Descent Classifier	0.8539	0.9644	0.8567	0.9069	0.5968	0.0099