StAR Report for the Analysis of ROC Curves
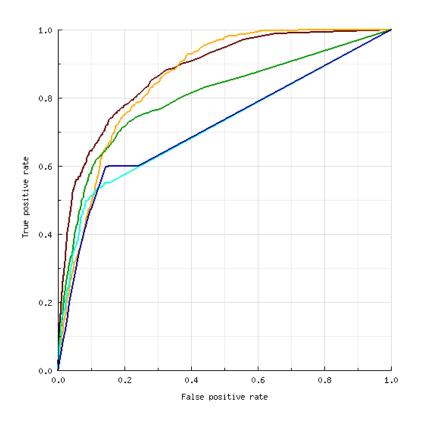
Generated at http://melolab.org/star

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1 ROC Plots

2 Summary Statistics

Classifier	AUC	Inverted	ACC	OT	fp	tp	N	P
T5	0.8765	+	0.9197	0.2850	0.0269	0.4008	4754	489
T3	0.8564	+	0.9069	0.9720	0.0032	0.0327	4754	489
T2	0.8010	+	0.9104	0.9500	0.0179	0.2127	4754	489
T1	0.7183	+	0.9105	0.5340	0.0095	0.1329	4754	489
T4	0.7149	+	0.9067	1.0000	0.0000	0.0000	4754	489

AUC: area under the ROC curve. ACC: maximal accuracy.OT: optimal threshold.
fp: false positive rate at OT. tp: true positive rate at OT.
N: number of negative instances. P: number of positive instances.

3   Statistical Analysis I

	T5	T3	T2	T1	T4
T5	-	0.02013	0.07554	0.15825	0.16167
T3	0.00074	-	0.05541	0.13813	0.14154
T2	0.00000	0.00000	-	0.08272	0.08613
T1	0.00000	0.00000	0.00000	-	0.00341
T4	0.00000	0.00000	0.00000	0.78860	-

Significance Level (alpha): **0.05**
Upper Triangle: AUC differences
Bottom Triangle: p-values
p-value <0.05
p-value >0.05
Global p-value: 0

4   Statistical Analysis II

	T5	T3	T2	T1	T4
T5	6.2571e-5	3.8458e-5	7.4029e-5	3.9554e-5	5.4037e-5
T3	3.8458e-5	4.9926e-5	2.9356e-5	3.8427e-5	4.2706e-5
T2	7.4029e-5	2.9356e-5	1.4420e-4	2.4652e-5	6.2577e-5
T1	3.9554e-5	3.8427e-5	2.4652e-5	1.5188e-4	7.6394e-5
T4	5.4037e-5	4.2706e-5	6.2577e-5	7.6394e-5	1.6291e-4

Covariance Matrix