

S2 Table. Ranking values of top 10 attributes for each ranking method.

MRSA						SA						
	LDA	RF	SVM MST	PLS-DA MST	PCA MST	T-test MST	LDA	RF	SVM MST	PLS-DA MST	PCA MST	T-test MST
Ranking Scheme	weight	Mean Decrease Accuracy	Frequency	Overall coefficient	abs(PC1 loading)	p.value	weight	Mean Decrease Accuracy	Frequency	Overall	abs(PC1 loading)	p.value
1	0.090635	0.003116	58	100	8.63E-06	2.24E-07	0.177646	0.002213	60	100	8.63E-06	3.14E-08
2	0.059662	0.002675	57	77.474	4.24E-05	1.65E-06	0.101643	0.002147	60	92.548	4.24E-05	4.19E-08
3	0.059054	0.00233	56	77.308	1.34E-06	1.75E-06	0.091323	0.001954	60	91.225	1.34E-06	1.09E-07
4	0.054956	0.002304	55	75.846	0.030877	2.08E-06	0.076261	0.001902	60	90.64	0.030877	1.36E-07
5	0.05391	0.002055	55	73.566	0.030661	2.26E-06	0.072665	0.001685	60	87.783	0.030661	1.38E-07
6	0.04643	0.001967	54	73.087	0.030577	2.67E-06	0.070089	0.001553	60	87.579	0.030577	1.47E-07
7	0.045362	0.001949	54	72.167	0.030535	3.08E-06	0.06767	0.001501	60	86.684	0.030535	1.50E-07
8	0.043524	0.001868	54	70.632	0.030486	3.24E-06	0.064844	0.0014	60	84.471	0.030486	1.53E-07
9	0.041844	0.001857	54	70.463	0.030448	3.51E-06	0.062407	0.001358	60	80.483	0.030448	1.92E-07
10	0.041506	0.001816	54	69.268	0.030409	3.53E-06	0.06196	0.001332	60	79.828	0.030409	2.09E-07