

Type

**SNVs with at least 3 nonzero SNVs in one of the groups**

all

With jittered AUCs (for determine optimal M)

	optM	Predictive Accuracy	AUC	p value
nonsyn exonic	530	0.8182	.8343 [.7738 - .8948]	0.007
all exonic	34	0.5	0.5214 [.4405 - .6023]	x
intergenic	456	0.8434	.8389 [.7771 - .9007]	0.006
intronic	20	0.7222	.8014 [.7398 - .8630]	0.004
UTR3	42	0.6667	.7598 [.6949 - .8247]	0.03
exonic + UTR3	32	0.6162	.6956 [.6225 - .7688]	didn't run
ncRNA	12	0.6414	.7043 [.6322 - .7764]	0.061
all	32	0.6111	.6690 [.5935 - .7556]	

10 1500 50

Total SNVs	Range tests
3407	10 1000 40
9311	10 1500 50
1632	10 500 25
3138	10 250 10
10343	5 800 40
19654	10 1500 50
927	5 160 5
25449	10 1500 50