

Validation Type	20% out
Model type	Lda
Number of Pca dimensions	22
Number of Lda dimensions	10
Outlier Type	Based on standard deviation
Parameter	6

Group result:

Group	Number of spectra	Number of passes	Number of failures	Number of outliers	Correct Classification Rate	
					Excluding outliers	Including outliers
Total	126	119	0	7	100.00%	94.44%

Confusion matrix:

	acinetobacter baumannii	burkholderia cepacia	enterobacter cloacae	enterococcus hirae	escherichia coli (12241)	escherichia coli (9001)	haemophilus influenzae	klebsiella aerogenes	klebsiella pneumoniae	lactobacillus brevis	pseudomonas aeruginosa	staphylococcus aureus	staphylococcus epidermidis	streptococcus pyogenes	O
acinetobacter baumannii	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
burkholderia cepacia	0	6	0	0	0	0	0	0	0	0	0	0	0	0	3
enterobacter cloacae	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0
enterococcus hirae	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
escherichia coli (12241)	0	0	0	0	8	0	0	0	0	0	0	0	0	0	1
escherichia coli (9001)	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0
haemophilus influenzae	0	0	0	0	0	0	7	0	0	0	0	0	0	0	2
klebsiella aerogenes	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0
klebsiella pneumoniae	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0
lactobacillus brevis	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0
pseudomonas aeruginosa	0	0	0	0	0	0	0	0	0	0	8	0	0	0	1
staphylococcus aureus	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0
staphylococcus epidermidis	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0
streptococcus pyogenes	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0
Total	9	6	9	9	8	9	7	9	9	9	8	9	9	9	7