

Multimedia Appendix: Paired t-test with Bonferroni correction.

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<i>P</i> values	Supervised Classification Models				
	LDA	LR	NaB	NN	RF
LR	< .001	-	-	-	-
NaB	< .001	< .001	-	-	-
NN	.04	.03	< .001	-	-
RF	< .001	.69	.01	.01	-
SVM	.37	.04	< .001	< .001	.003

TABLE I: Paired t-test with Bonferroni correction for C vs. B with a classification threshold of 50%.

<i>P</i> values	Supervised Classification Models				
	LDA	LR	NaB	NN	RF
LR	.57	-	-	-	-
NaB	< .001	< .001	-	-	-
NN	.02	.01	< .001	-	-
RF	.44	.67	< .001	.008	-
SVM	.84	.58	< .001	.009	.50

TABLE II: Paired t-test with Bonferroni correction for C vs. NB with a classification threshold of 50%.

<i>P</i> values	Supervised Classification Models				
	LDA	LR	NaB	NN	RF
LR	.003	-	-	-	-
NaB	.005	< .001	-	-	-
NN	.44	.61	.00172	-	-
RF	< .001	< .001	.89	< .001	-
SVM	.01701	.82	< .001	.54	< .001

TABLE III: Paired t-test with Bonferroni correction for B vs. NB with a classification threshold of 50%.

<i>P</i> values	Supervised Classification Models				
	LDA	LR	NaB	NN	RF
LR	.76	-	-	-	-
NaB	< .001	< .001	-	-	-
NN	.08	.04	< .001	-	-
RF	.002	.004	< .001	.004	-
SVM	.86	.83	< .001	.02	.002

TABLE IV: Paired t-test with Bonferroni correction for C vs. ALS with a classification threshold of 50%.

<i>P</i> values	Supervised Classification Models				
	LDA	LR	NaB	NN	RF
LR	< .001	-	-	-	-
NaB	< .001	< .001	-	-	-
NN	< .001	.69	< .001	-	-
RF	< .001	< .001	< .001	< .001	-
SVM	.003	< .001	.09	< .001	< .001

TABLE V: Paired t-test with Bonferroni correction for C vs. B with a classification threshold of 95%.

<i>P</i> values	Supervised Classification Models				
	LDA	LR	NaB	NN	RF
LR	< .001	-	-	-	-
NaB	.008	< .001	-	-	-
NN	< .001	< .001	< .001	-	-
RF	.002	< .001	< .001	< .001	-
SVM	.83	< .001	.014	< .001	.001

TABLE VI: Paired t-test with Bonferroni correction for C vs. NB with a classification threshold of 95%.

<i>P</i> values	Supervised Classification Models				
	LDA	LR	NaB	NN	RF
LR	.002	-	-	-	-
NaB	< .001	.03	-	-	-
NN	.07	.68	.09	-	-
RF	< .001	< .001	< .001	< .001	-
SVM	.005	< .001	< .001	< .001	.06

TABLE VII: Paired t-test with Bonferroni correction for B vs. NB with a classification threshold of 95%.

<i>P</i> values	Supervised Classification Models				
	LDA	LR	NaB	NN	RF
LR	< .001	-	-	-	-
NaB	.34	.04	-	-	-
NN	< .001	< .001	< .001	-	-
RF	.71	< .001	.23	< .001	-
SVM	.37	< .001	.48	< .001	.42

TABLE VIII: Paired t-test with Bonferroni correction for C vs. ALS with a classification threshold of 95%.