



Research Article

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Appendix 2

Frequencies of gene selection method and number of genes used for the optimal classifier for both supervised learning methods by classifier evaluation method.

Table Appendix 2A: Frequency of gene selection method used for the optimal classifier for both supervised learning methods by classifier evaluation method.

KNN					
CV method	Gene Selection Method				
Frequency	Wilcoxon	SAM	Welch	t-test	Total
5-fold CV	1	1	2	5	9
LOOCV	2	0	0	7	9
bootstrap	0	1	2	6	9
Total	3	2	4	18	27
PLS+LDA					
CV method	Gene Selection Method				
Frequency	Wilcoxon	SAM	Welch	t-test	Total
5-fold CV	1	2	1	5	9
LOOCV	1	0	0	8	9
bootstrap	0	0	2	7	9
Total	2	2	3	20	27

Table Appendix 2B: Frequency of number of genes used for the optimal classifier for both supervised learning methods by classifier evaluation method.

KNN						
CV method	Number of Genes					
Frequency	20	50	100	200	500	Total
5-fold CV	4	2	0	0	3	9
LOOCV	3	3	0	0	3	9
bootstrap	4	3	0	0	2	9
Total	11	8	0	0	8	27
PLS+LDA						
CV method	Number of Genes					
Frequency	20	50	100	200	500	Total
5-fold CV	4	2	0	1	2	9
LOOCV	2	1	1	3	2	9
bootstrap	5	0	0	1	3	9
Total	11	3	1	5	7	27