

Table S1. Pattern recognition sub-scores.

Chemometric method		Total titratable acidity (A)		
		Mature	Immature	Accuracy
LDA – linear	Mature	56	9	85,16%
	Immature	10	53	
LDA- quadratic	Mature	61	9	89.06%
	Immature	5	53	
LDA- Mahalanobis	Mature	55	8	85.16%
	Immature	11	54	
SVM- linear	Mature	56	10	82.03%
	Immature	10	52	
Soluble sugar content (SSC)				
LDA – linear	Mature	71	8	89.84%
	Immature	5	44	
LDA- quadratic	Mature	65	2	89,84%
	Immature	11	50	
LDA- Mahalanobis	Mature	70	8	89.06%
	Immature	6	44	
SVM- linear	Mature	70	9	87.0%
	Immature	6	43	
Total anthocyanin (TA)				
LDA – linear	Mature	74	7	91.41%
	Immature	7	43	
LDA- quadratic	Mature	71	1	93.75%
	Immature	7	49	
LDA- Mahalanobis	Mature	77	8	92.97%
	Immature	1	42	
SVM- linear	Mature	62	1	81.25%
	Immature	16	49	
Maturity index (SSC/A)				
LDA – linear	Mature	67	11	84.38%
	Immature	9	41	
LDA- quadratic	Mature	67	5	89.06%
	Immature	9	47	
LDA- Mahalanobis	Mature	67	8	86.72%
	Immature	44	9	
SVM- linear	Mature	68	20	78.12%
	Immature	8	32	