

Table S1. Physico-chemical parameters of investigated grape samples included in the principal component analysis (PCA).

parameter/sample	Blatina				Vranac				C.Sauvignon				Merlot			
	T2020	T2021	M2020	M2021	M2020	M2021	T2020	T2021	T2020	T2021	M2020	M2021	T2020	T2021	M2020	M2021
22 Cluster weight	400.33	325.29	229.01	463.97	379.22	414.17	379.28	272.14	198.39	192.33	152.93	149.53	278.40	173.87	325.91	283.52
23 Cluster length	15.72	16.44	15.02	17.00	17.30	19.96	18.77	15.97	16.51	16.31	14.00	14.20	18.76	15.46	20.20	19.50
24 Cluster width	11.64	12.14	10.25	13.64	9.80	10.95	10.16	11.63	10.06	10.39	8.85	8.90	11.40	9.67	10.51	11.35
25 Rachis weight	6.54	7.02	7.56	7.21	7.07	7.52	7.09	7.48	5.48	6.08	4.07	3.98	4.71	2.75	4.50	4.47
26 Stalk length	2.88	3.38	3.22	2.99	2.64	1.22	2.06	2.36	2.25	1.56	2.13	2.08	2.86	3.21	3.03	1.54
27 Nb. of berries	194.90	115.20	78.90	145.00	156.20	161.10	139.00	130.08	207.90	155.20	120.70	125.70	206.40	121.00	195.10	184.40
28 Berries weight	393.80	318.27	221.45	456.77	372.15	406.65	372.19	264.66	192.91	186.25	148.86	145.55	273.69	171.12	321.41	279.05
29 % of rachis	1.64	2.04	3.29	1.56	1.83	1.80	1.82	2.73	2.78	3.16	2.64	2.66	1.68	1.55	1.33	1.54
30 % of berries	98.36	97.96	96.71	98.44	98.17	98.20	98.18	97.27	97.22	96.84	97.36	97.34	98.32	98.45	98.67	98.46
31 Weight of 10 berries	22.26	29.79	32.00	33.00	28.41	29.04	29.76	26.56	11.39	12.84	12.63	12.62	15.18	15.09	20.06	15.87
32 Berry length	14.93	16.74	17.53	16.82	17.46	17.94	17.26	17.00	11.16	12.67	12.78	12.79	13.15	12.88	14.25	13.39
33 Berry width	14.72	16.85	16.91	16.83	15.41	16.36	16.08	15.51	11.40	12.41	12.49	12.41	13.18	12.82	14.16	13.19
34 Ratio L/W	1.01	0.99	1.04	1.00	1.13	1.10	1.07	1.10	0.98	1.02	1.02	1.03	1.00	1.00	1.01	1.01
35 Skin weight	2.45	1.20	1.78	1.42	3.03	1.82	2.04	1.63	0.87	0.90	1.20	1.19	1.03	0.74	2.71	1.11
36 Seeds weight	0.46	1.09	1.07	1.02	0.95	1.11	1.02	0.95	0.46	0.64	0.52	0.57	0.59	0.71	0.80	0.64
37 Nb. of seeds	17.50	22.80	25.70	18.70	18.30	22.50	22.70	18.52	16.50	17.10	15.50	16.00	20.40	19.20	21.60	18.10
38 Flesh weight	19.35	27.50	29.16	30.57	24.44	26.10	26.70	23.98	10.07	11.29	10.91	10.86	13.56	13.63	16.55	14.12
39 % Skin	11.39	4.02	5.62	4.35	10.61	6.33	6.89	6.13	7.56	7.02	9.51	9.51	6.82	5.02	13.38	7.08
40 % Seeds	2.01	3.62	3.31	3.13	3.32	3.86	3.43	3.59	3.98	5.03	4.10	4.47	3.89	4.71	3.97	4.07
41 % Flesh	86.60	92.35	91.07	92.52	86.07	89.81	89.67	90.28	88.46	87.95	86.39	86.02	89.29	90.27	82.65	88.85
42 TTS %	23.55	21.50	19.07	16.60	25.73	21.93	23.43	22.42	24.33	22.83	25.48	24.50	24.85	23.07	26.33	25.93
43 TTA gL ⁻¹	4.88	7.13	6.44	8.21	4.51	5.82	4.10	5.56	5.37	6.77	5.10	5.02	6.07	6.48	4.68	5.96
44 pH	3.04	2.97	2.92	3.28	3.20	3.55	3.21	3.24	2.79	3.32	3.65	3.70	3.01	3.11	3.50	3.34