

**Table S1.** Variables measured (using herborised leaves) and their relationships according to the method of Martínez & Grenan (1999), adapted for olive leaves (see Fig. 2 and Table 1).

Genotype name	Sample code		P	L	A2	A1	A3	$\alpha 1$	$\alpha 2$	Rel 1	Rel 2	Rel 3	Rel 4	Rel 5
<b>Brava Gallega<sup>a</sup></b>	<b>6</b>	<i>Mean</i>	0.32	4.36	0.94	0.70	0.80	39.62	55.58	21.53	16.02	18.28	74.80	85.11
		<i>SD</i>	0.09	0.67	0.19	0.14	0.16	6.45	10.27	2.55	1.74	2.21	7.09	6.10
		<i>CV</i>	27.95	15.46	19.92	20.62	20.27	16.27	18.48	11.82	10.85	12.10	9.48	7.16
	<b>7</b>	<i>Mean</i>	0.36	5.03	1.03	0.79	0.85	38.81	51.56	20.51	15.78	17.01	77.41	83.21
		<i>SD</i>	0.07	0.63	0.18	0.15	0.12	4.68	9.28	2.81	2.06	2.29	7.75	6.62
		<i>CV</i>	19.92	12.50	17.23	18.33	13.88	12.05	18.00	13.71	13.08	13.48	10.01	7.96
<b>Cobrancoça<sup>a</sup></b>	<b>1</b>	<i>Mean</i>	0.34	4.52	1.05	0.75	0.85	40.59	74.57	23.71	16.89	19.07	71.20	80.98
		<i>SD</i>	0.10	0.73	0.17	0.15	0.13	8.51	16.24	4.48	4.04	3.43	8.58	9.17
		<i>CV</i>	29.20	16.18	15.69	20.13	14.96	20.97	21.78	18.90	23.89	18.01	12.06	11.33
	<b>2</b>	<i>Mean</i>	0.64	5.68	1.17	0.90	0.95	34.42	58.16	20.75	16.01	16.87	77.60	81.23
		<i>SD</i>	0.11	0.76	0.17	0.15	0.17	7.89	16.19	3.34	2.63	3.17	8.04	6.80
		<i>CV</i>	17.01	13.31	14.71	16.97	17.57	22.93	27.84	16.10	16.41	18.81	10.36	8.37
	<b>4</b>	<i>Mean</i>	0.58	6.23	1.26	0.97	1.00	35.33	57.30	20.30	15.67	16.23	77.58	80.13
		<i>SD</i>	0.14	0.73	0.22	0.18	0.17	6.88	15.28	3.45	2.55	2.76	6.40	5.67
		<i>CV</i>	24.33	11.79	17.53	18.45	17.32	19.49	26.67	16.98	16.30	17.00	8.24	7.07
	<b>5</b>	<i>Mean</i>	0.44	6.02	1.01	0.77	0.84	27.59	45.63	16.85	12.80	14.00	76.41	83.30
		<i>SD</i>	0.15	0.54	0.13	0.09	0.10	4.50	7.79	2.34	1.51	1.90	6.37	5.82
		<i>CV</i>	33.89	9.02	12.61	11.82	12.30	16.33	17.06	13.89	11.77	13.59	8.34	6.99
	<b>10</b>	<i>Mean</i>	0.42	4.84	1.11	0.87	0.84	41.85	59.42	23.53	18.44	17.59	78.38	75.02
		<i>SD</i>	0.15	1.02	0.19	0.16	0.16	10.12	12.79	4.56	4.13	3.39	9.11	7.72
		<i>CV</i>	35.03	21.12	17.39	18.17	19.60	24.18	21.52	19.36	22.40	19.26	11.62	10.29
<b>Mansa Gallega<sup>a</sup></b>	<b>11</b>	<i>Mean</i>	0.48	6.19	1.32	0.97	1.15	38.53	72.02	21.49	15.77	18.89	73.62	88.05
		<i>SD</i>	0.20	2.33	0.50	0.39	0.40	6.01	21.08	3.21	2.81	3.13	8.37	7.47
		<i>CV</i>	41.62	37.58	37.72	39.80	35.00	15.60	29.27	14.96	17.80	16.55	11.36	8.48
<b>Unknown 1<sup>b</sup></b>	<b>13</b>	<i>Mean</i>	0.54	5.76	1.46	1.12	1.17	45.78	67.28	25.46	19.59	20.50	77.16	80.78
		<i>SD</i>	0.08	0.67	0.17	0.15	0.14	6.23	10.41	3.18	2.72	2.53	6.93	6.48
		<i>CV</i>	14.82	11.62	11.36	13.28	11.97	13.61	15.47	12.50	13.86	12.36	8.98	8.02
	<b>15</b>	<i>Mean</i>	0.56	5.89	1.49	1.05	1.19	37.46	67.16	25.44	17.94	20.29	70.62	79.82
		<i>SD</i>	0.16	0.92	0.26	0.18	0.22	5.33	13.37	3.44	2.83	3.12	6.99	6.79
		<i>CV</i>	28.73	15.59	17.41	17.56	18.28	14.22	19.91	13.51	15.76	15.37	9.90	8.51
	<b>16</b>	<i>Mean</i>	0.68	6.11	1.51	1.13	1.22	35.63	63.61	24.88	18.58	20.10	74.63	81.00
		<i>SD</i>	0.10	0.55	0.22	0.18	0.17	5.54	10.70	4.03	3.28	3.14	4.71	5.28
		<i>CV</i>	14.40	9.05	14.39	15.60	13.61	15.54	16.82	16.19	17.66	15.63	6.31	6.51
	<b>17</b>	<i>Mean</i>	0.60	6.07	1.61	1.19	1.27	40.51	61.88	26.65	19.73	21.09	74.16	79.39
		<i>SD</i>	0.18	0.69	0.21	0.15	0.15	5.91	11.82	3.19	2.48	2.40	5.04	5.46
		<i>CV</i>	29.40	11.36	13.14	12.56	11.63	14.58	19.11	11.98	12.55	11.38	6.80	6.88

Supplementary table to the article “The forgotten, ancient olive trees of the Spanish northwest: A first molecular and botanical analysis”, by Pilar Gago, José L. Santiago, Susana Boso, and María C. Martínez. *Spanish Journal of Agricultural Research*, Vol. 17, No. 2, June 2019 (<https://doi.org/10.5424/sjar/2019172-13572>)

**Table S1 (continued)**

Genotype name	Sample code		P	L	A2	A1	A3	$\alpha 1$	$\alpha 2$	Rel 1	Rel 2	Rel 3	Rel 4	Rel 5
<b>Unknown 2<sup>b</sup></b>	<b>18</b>	<i>Mean</i>	0.29	4.98	0.92	0.75	0.77	37.61	47.34	20.22	16.94	16.42	82.14	83.78
		<i>SD</i>	0.09	1.36	0.15	0.13	0.15	6.21	9.99	10.10	11.64	5.05	7.89	8.12
		<i>CV</i>	31.69	27.32	16.78	17.14	19.54	16.50	21.10	49.95	68.71	30.76	9.61	9.70
<b>Unknown 3<sup>b</sup></b>	<b>3</b>	<i>Mean</i>	0.59	5.64	1.09	0.84	0.90	34.14	57.36	21.45	16.76	17.25	77.29	83.00
		<i>SD</i>	0.16	0.80	0.15	0.12	0.16	5.23	14.41	11.48	10.36	5.54	7.08	9.60
		<i>CV</i>	27.88	14.14	13.62	14.42	17.79	15.31	25.12	53.52	61.78	32.14	9.16	11.57
<b>Unknown 4<sup>b</sup></b>	<b>8</b>	<i>Mean</i>	0.39	4.63	1.01	0.79	0.80	41.43	56.16	22.09	17.28	17.35	78.29	78.71
		<i>SD</i>	0.13	0.53	0.13	0.12	0.11	6.82	11.67	3.25	2.78	2.58	6.09	5.26
		<i>CV</i>	32.94	11.54	12.58	14.94	13.54	16.47	20.77	14.70	16.09	14.86	7.78	6.68
<b>Unknown 5<sup>b</sup></b>	<b>9</b>	<i>Mean</i>	0.47	6.05	0.93	1.32	1.09	34.70	65.57	15.45	22.06	18.19	143.51	118.44
		<i>SD</i>	0.15	0.60	0.10	0.12	0.12	6.68	12.08	2.21	2.70	2.60	9.81	12.99
		<i>CV</i>	31.02	9.86	11.20	9.20	10.83	19.24	18.43	14.29	12.26	14.28	6.83	10.97
<b>Unknown 6<sup>b</sup></b>	<b>14</b>	<i>Mean</i>	0.67	6.37	1.56	1.15	1.27	38.56	63.94	24.81	18.25	20.10	73.90	81.12
		<i>SD</i>	0.13	0.95	0.22	0.16	0.20	6.93	13.90	3.42	2.48	3.01	7.72	6.23
		<i>CV</i>	19.86	14.86	13.79	13.79	16.06	17.98	21.75	13.77	13.58	14.96	10.44	7.68
<b>Unknown 7<sup>b</sup></b>	<b>12</b>	<i>Mean</i>	0.36	5.99	1.65	1.21	1.27	41.91	71.28	27.69	20.40	21.36	73.95	77.36
		<i>SD</i>	0.12	0.65	0.27	0.18	0.20	7.48	12.75	4.71	3.20	3.71	4.96	6.62
		<i>CV</i>	32.50	10.88	16.21	14.99	15.55	17.85	17.88	16.99	15.70	17.37	6.71	8.56

SD = standard deviation; CV = coefficient of variation (%). <sup>a</sup>Identification obtained by comparing with molecular profiles and endocarp morphologies held in the WOGBC (World Olive Germplasm Bank of Cordoba) database. <sup>b</sup>Cultivar not included in the WOGBC database.