

V. Moreira, M.J. Carbone, P. Mondino, S. Alaniz (2023). *Colletotrichum* infections during flower development and fruit ripening in four olive cultivars. *Phytopathologia Mediterranea* 62(1): 35-46. doi: 10.36253/phyto-14087

Supplementary Table 1. Fitted models based on evolution of anthracnose severity as a function of time, cultivar and *Colletotrichum* species inoculated on green and ripe olive fruit.

Cultivar/specie	Phenological stage								
	Green Fruit (BBCH80)					Mature Fruit (BBCH89)			
	a	b	x0	c	R ²	a	b	x0	R ²
Arbequina									
<i>C. acutatum</i> s.s.	96.26 ¹ <0.0001	3.14 <0.0001	28.58 <0.0001	-	0.99	93.86 ¹ <0.0001	1.97 0.0007	6.84 <0.0001	0.99
<i>C. nymphaeae</i>	99.87 ¹ <0.0001	5.17 <0.0001	31.84 <0.0001	-	0.99	85.05 ¹ <0.0001	2.09 0.0008	6.63 <0.0001	0.99
<i>C. fioriniae</i>	101.35 ¹ <0.0001	2.35 0.0031	24.56 <0.0001	-	0.97	98.15 ¹ <0.0001	1.69 0.003	7.11 <0.0001	0.98
<i>C. theobromicola</i>	92.54 ¹ <0.0001	3.00 0.0009	12.29 <0.0001	-	0.98	98.14 ¹ <0.0001	1.90 0.0005	7.13 <0.0001	0.99
<i>C. alienum</i>	89.67 ¹ <0.0001	3.35 0.0031	29.31 <0.0001	-	0.97	98.02 ¹ 0.0019	3.42 0.0043	13.36 0.0005	0.99
Control	14.90 ¹ 0.002	6.61 0.0226	37.67 <0.0001	-	0.95	39.35 <0.0001	2.54 0.0006	10.96 <0.0001	0.99
Frantoio									
<i>C. acutatum</i> s.s.	99.26 ¹ <0.0001	4.04 <0.0001	30.68 <0.0001	-	0.99	93.82 ¹ <0.0001	2.16 0.0018	9.15 <0.0001	0.98
<i>C. nymphaeae</i>	95.15 ¹ <0.0001	4.16 <0.0001	24.69 <0.0001	-	0.99	79.46 ¹ <0.0001	2.28 0.0029	8.94 <0.0001	0.99
<i>C. fioriniae</i>	107.46 ¹ <0.0001	6.46 <0.0001	33.55 <0.0001	-	0.99	94.08 ¹ <0.0001	1.69 0.003	9.04 <0.0001	0.99
<i>C. theobromicola</i>	101.91 ¹ <0.0001	3.62 0.0001	13.74 <0.0001	-	0.98	98.94 ¹ 0.0005	1.84 0.0202	9.51 0.0001	0.96
<i>C. alienum</i>	92.94 ¹ <0.0001	4.19 <0.0001	33.59 <0.0001	-	0.99	68.35 ¹ <0.0001	2.98 0.0005	10.51 <0.0001	0.99
Control	47.38 ¹ 0.0133	8.03 0.0095	41.78 <0.0001	-	0.97	9.36 ¹ 0.0002	2.16 0.0072	9.36 <0.0001	0.98
Coratina									
<i>C. acutatum</i> s.s.	95.65 ¹ <0.0001	4.38 <0.0001	32.44 <0.0001	-	0.99	95.09 ¹ <0.0001	2.39 0.001	8.29 <0.0001	0.99
<i>C. nymphaeae</i>	94.60 ¹ <0.0001	3.90 <0.0001	32.63 <0.0001	-	0.99	98.92 ¹ <0.0001	1.86 <0.0001	7.15 <0.0001	0.99
<i>C. fioriniae</i>	95.17 ¹ <0.0001	2.16 <0.0001	36.37 <0.0001	-	1	99.01 ¹ <0.0001	2.18 <0.0001	8.56 <0.0001	0.99
<i>C. theobromicola</i>	103.22 ¹ <0.0001	4.72 <0.0003	24.48 <0.0001	-	0.98	97.38 ¹ <0.0001	1.74 0.002	7.05 <0.0001	0.99
<i>C. alienum</i>	87.71 ¹ <0.0001	3.66 <0.0001	38.57 <0.0001	-	1	99.85 ¹ <0.0001	2.118 0.0005	7.33 <0.0001	0.99
Control	-0.17 ² 0.0013	0.0058 <0.0001	0.75 0.04	-	0.97	38.80 ¹ 0.0001	2.87 0.003	8.89 0.0001	0.98

(Continued)

Supplementary Table 1. (Continued).

Cultivar/specie	Phenological stage								
	Green Fruit (BBCH80)					Mature Fruit (BBCH89)			
	a	b	x0	c	R ²	a	b	x0	R ²
Picual									
<i>C. acutatum</i> s.s.	-0.69 ² 0.0051	0.02 0.0001	3.34 0.04	-	0.96	88.36 ¹ <0.0001	2.48 0.0002	9.08 <0.0001	0.99
<i>C. nymphaeae</i>	47.61 ¹ <0.0001	3.77 <0.0001	35.33 <0.0001	-	0.99	95.33 ¹ <0.0001	2.24 0.0005	8.08 <0.0001	0.99
<i>C. floriniae</i>	0.0002 ³ 0.0123	0.24 <0.0001	-	-	0.99	99.18 ¹ <0.0001	1.69 0.0001	8.52 <0.0001	0.99
<i>C. theobromicola</i>	6.57 ³ <0.0006	0.053 <0.0001	-	-	0.96	100.53 ¹ <0.0001	2.31 0.002	8.89 <0.0001	0.99
<i>C. alienum</i>	0.11 ⁴ <0.0006	-	-	-	0.98	94.44 ¹ <0.0001	2.66 <0.0001	9.57 <0.0001	0.99
Control	0.15 ⁵ <0.027	-0.01 0.0049	-0.45 0.04	0.0002 0.0006	0.98	37.16 ¹ 0.0001	3.13 0.001	8.71 <0.0001	0.98

$$^1 y = \frac{a}{1 + e^{-((x-x_0)/b)}}$$

$$^2 y = x_0 + ax + bx^2$$

$$^3 y = ae^{(bx)}$$

$$^4 y = ae^{(ax)}$$

$$^5 y = x_0 + ax + bx^2 + cx^3$$