

Table S1. Pairwise correlations among peel color parameters, CO₂ and C₂H₄ production rates, phenolic compounds, and total antioxidant capacity (TAC), in Koroneiki, olives of different maturity indices (MI), in ~~harvest periods~~ crop years A and B.

	<i>L</i> [*]	<i>h</i> ^o	<i>C</i> [*]	CO ₂	C ₂ H ₄	OE ⁺	Ver	HT	Tyr	Lut-7	Rutin	Quercetin	Luteolin
<i>h</i> ^o	-0.097 ns												
<i>C</i> [*]	0.434 *	-0.373 ns											
CO ₂	-0.784 ***	0.444 *	-0.537 *										
C ₂ H ₄	-0.804 ***	-0.442 *	-0.377 ns	0.422 ns									
OE	0.904 ***	0.123 ns	0.545 *	-0.695 ***	-0.897 ***								
Ver	0.515 *	0.666 **	-0.272 ns	-0.138 ns	-0.7469 ***	0.516 *							
HT	-0.741 ***	-0.507 *	-0.194 ns	0.299 ns	0.926 ***	-0.841 ***	-0.705 ***						
Tyr	-0.583 **	-0.543 *	-0.233 ns	0.158 ns	0.835 ***	-0.744 ***	-0.549 **	0.957 ***					
Lut-7	0.800 ***	0.393 ns	-0.104 ns	-0.435 *	-0.810 ***	0.743 ***	0.860 ***	-0.854 ***	-0.692 ***				
Rutin	0.745 ***	0.548 *	-0.020 ns	-0.383 ns	-0.889 ***	0.790 ***	0.894 ***	-0.907 ***	-0.776 ***	0.965 ***			
Quercetin	0.602 **	0.113 ns	-0.161 ns	-0.625 **	-0.428 ns	0.483 *	0.643 **	-0.341 ns	-0.113 ns	0.714 ***	0.660 ***		
Luteolin	-0.446 *	-0.641 ***	-0.068 ns	-0.042 ns	0.765 ***	-0.629 **	-0.587 **	0.906 ***	0.940 ***	-0.649 **	-0.738 ***	-0.0377 ns	
TAC	0.757 ***	0.416 ns	0.417 ns	-0.507 *	-0.909 ***	0.900 ***	0.581 **	-0.912 ***	-0.880 ***	0.746 ***	0.840 ***	0.423 ns	-0.751 ***

⁺ OE, oleuropein; Ver, verbascoside; HT, hydroxytyrosol; Tyr, tyrosol; Lut-7, luteolin-7-O-glucoside.

ns, not significant. **, Significant at $P < 0.01$. ***, Significant at $P < 0.001$.