

Table S5. Pearson's correlation coefficients (r^2) among total carotenoids (TC), phytoene + phytofluene content (PE+PF), lycopene (LYC) and singlet oxygen absorption capacity (SOAC) evaluated in the pulp of Navel and Kirkwood fruits harvested in December and January and, in the pulp of Valencia and Ruby fruits harvested in March and April.

	TC	PH+PF	LYC	SOAC
TC	-	1.00	0.90*	0.88*
PH+PF	1.00	-	0.89*	0.88*
LYC	0.90*	0.89*	-	0.71*
SOAC	0.88*	0.88*	0.71*	-

Asterisk indicates significant Pearson's correlation coefficient at level $p \leq 0.05$.