

Table 1 Analysis of variance for combining ability for different traits in cherry tomato

Source of variance	df	Plant height (cm)	No. of primary branches	No. of secondary branches	Total inflorescences	Average fruit weight (g)	Fruits (kg)	Fruits/ cluster	Fruits/plant	Yield/plant (kg)	Yield/ha (t)	Locule. No./ fruit	Fruit firmness (mm ² /kg)	Pericarp thickness (mm)
GCA	6	529.283	0.164	3.505	29.301	42.29	369.043	2.855	11624.59	0.121	38.181	0.344	2.116	2.16
SCA	21	292.483	0.059	1.727	41.438	7.52	93.585	0.633	3648.52	0.237	65.163	0.077	2.377	0.387
Error	54	79.414	0.037	0.213	2.967	0.23	2.203	0.106	463.29	0.007	0.296	0.086	0.016	0.014

Note: Mean sum of squares; *: Significant at 5%, **: Significant at 1%