

Table1 Analyses of variance for studied traits in Gladiolus varieties

Source of variation	DF	Days to germination	Germination percentage	Plant height	Number of leaves	Days to spiking	Days to spike length	Diameter of spike	Florets diameter	Number of spike <sup>-1</sup>	Fresh weight of spike	Dry weight of spike	Diameter of corms	Weight of corms	Corms Per clump
Replication	2	0.039	1.72	0.39	0.0289	0.555	0.418	0.00629	0.016	0.0018	0.591	0.0055	0.220	0.144	2.553
Climate	1	23.78**	242.00**	1266.72**	12.50*	183.68*	130.89*	4.8776*	624.81**	73.0035**	520.56**	77.37*	3.762*	108.045**	30.16*
Variety	2	18.70**	186.72**	572.72*	2.4339*	43.28**	76.035*	1.4852*	2.756*	22.71**	101.37**	19.033**	0.488n.s	5.634*	46.60*
Climate* Variety	2	0.51*	63.16*	44.06*	2.7617*	5.216*	15.98*	0.7648*	90.16*	2.22*	24.26*	5.70*	0.5774n.s	31.31*	1.133*
Error	10	0.0073	0.322	0.32	0.0502	0.231	0.110	0.0045	0.014	0.0123	0.289	0.0069	0.224	0.051	0.224
Total	17														

\*\*=Highly significant (p<0.05), \*=significant, n.s= non-significant