

Table 1 Genotypic correlation coefficients of seed yield and component traits among recombinant lines (F₃) of Gullyal white × Maruti cross in pigeonpea

Characters		Days to 50% flowering	Days of maturity	Plant height (cm)	No of primary branches	No of secondary branches	No of seeds/ pod	No. of seeds/ plant	No of pods/ plant	Pod bearing length (cm)	Test weight (gm)	Seed yield/plant (gm)
Days to 50% flowering	G	1	0.173**	0.136	-0.112	-0.082	-0.091	-0.113	0.153*	0.052	-0.123	-0.062
	P	1	0.167**	0.119	-0.102	-0.031	-0.092	-0.107	0.142*	0.035	-0.118	-0.027
Days of maturity	G		1	0.128	-0.062	0.243**	0.126	-0.274**	0.173**	0.073	0.354**	0.304**
	P		1	0.114	-0.054	0.114	0.112	-0.128	0.169**	0.062	0.176**	0.285**
Plant height (cm)	G			1	0.178**	0.506**	0.322**	0.151*	0.174**	0.071	-0.123	0.367**
	P			1	0.158*	0.427**	0.217**	0.146*	0.161**	0.070	-0.113	0.284**
No of primary branches	G				1	0.488**	-0.024	-0.124	-0.108	-0.150*	-0.063	-0.124
	P				1	0.330**	-0.021	-0.114	-0.105	-0.129	-0.052	-0.115
No of secondary branches	G					1	0.533**	0.357**	0.571**	-0.012	0.537**	0.544**
	P					1	0.436**	0.220**	0.313**	-0.011	0.417**	0.529**
No of seeds /pod	G						1	0.514**	0.236**	0.074	0.643**	0.384**
	P						1	0.427**	0.189**	0.062	0.495**	0.333**
No. of seeds/plant	G							1	0.492**	-0.092	0.158*	0.558**
	P							1	0.408**	-0.087	0.143*	0.433**
No of pods/plant	G								1	0.061	0.149*	0.670**
	P								1	0.035	0.128	0.638**
Pod bearing length (cm)	G									1	-0.074	-0.097
	P									1	-0.072	-0.088
Test weight (gm)	G										1	0.645**
	P										1	0.624**
Seed yield/plant (gm)	G											1

Note: *: Significant at 0.05 probability level; **: Significant at 0.01 probability