Table 2 Genotypic correlation coefficients of seed yield and component trats among recombinant lines (F_4) 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	0.462**	0.129	−0.11	−0.127	−0.132	−0.126	0.11	−0.047	−0.125	−0.129
	P	1	0.253**	0.126	−0.09	−0.123	−0.108	−0.111	0.128	−0.022	−0.101	−0.112
Days of maturity	G		1	0.566**	−0.129	0.153*	0.119	−0.137	0.361**	−0.124	0.192**	0.355**
	P		1	0.358**	−0.112	0.149*	0.112	−0.123	0.221**	−0.114	0.171**	0.314**
Plant height (cm)	G			1	0.545**	0.626**	0.349**	0.105	0.543**	0.127	−0.144*	0.469**
	P			1	0.341**	0.286**	0.226**	0.096	0.190**	0.11	−0.112	0.433**
No of primary branches	G				1	0.418**	−0.141*	−0.131	0.119	−0.136	−0.137	−0.123
	P				1	0.332**	−0.126	−0.124	0.096	−0.114	−0.125	−0.114
No of secondary branches	G					1	0.622**	0.570**	0.574**	−0.098	0.569**	0.574**
	P					1	0.428**	0.485**	0.257**	−0.083	0.525**	0.523**
No of seeds /pod	G						1	0.616**	0.575**	0.139	0.589**	0.674**
	P						1	0.353**	0.438**	0.114	0.465**	0.517**
No. of seeds/plant	G							1	0.880**	−0.045	0.657**	0.564**
	P							1	0.538**	−0.037	0.484**	0.544**
No of pods/plant	G								1	−0.11	0.359**	0.745**
	P								1	−0.093	0.254**	0.699**
Pod bearing length (cm)	G									1	−0.137	−0.109
	P									1	−0.132	−0.108
Test weight (gm)	G										1	0.654**
	P										1	0.550**
Corr. Seed yield/plant(gm)	G											1
	P											1

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