

Table 2 Estimates of variance, coefficient of variation, heritability and genetic advance for CUPRAC, FRAP, anthocyanin, ascorbic acid, total phenolics and carotenoids contents in 5 brassica vegetables

S. No.	Trait	Vg	Vp	GCV (%)	PCV (%)	Heritability (%)	Genetic advance	Genetic advance as per cent of mean
1	CUPRAC	36.60	36.89	103.17	103.59	99.2	12.39	220.1
2	FRAP	16.14	16.22	132.60	132.92	99.9	8.28	273.2
3	Total Phenolics	3578186.15	3599438.52	109.14	109.47	99.4	3869.2	223.5
4	Anthocyanin	1.10	1.11	151.10	151.77	99.1	2.15	309.3
5	Ascorbic Acid	382.99	385.67	47.82	47.99	99.3	40.05	97.9
6	Lycopene	5.75	6.31	178.27	189.71	88.2	4.55	344.7
7	Total Carotenoids	263.22	263.43	229.14	229.23	99.9	33.40	471.7
8	β -carotene	10.58	10.59	107.13	107.49	99.8	6.69	220.8

Note: Vg - genotypic variance, GCV – genotypic coefficient of variation, Vp – phenotypic variance, PCV – phenotypic coefficient of variation