

Table 2 Correlation analysis between antioxidant and phytochemicals and micronutrients in 33 genotypes of *M. citrifolia* L.

Parameters	Phenol	Flavonoids	Tannin	Carotenoids	Ascorbic acid	Mn	Ca	Cu	Mg	Eigen value	% variance
Antioxidant activity	0.010	0.249	0.012	0.335	0.013	0.912	0.220	0.953	0.982	3.3	33.3
Phenol	1.000	0.220	0.000	0.598	0.001	0.173	0.029	0.458	0.153	2.0	19.7
Flavonoids		1.000	0.197	0.691	0.397	0.902	0.398	0.553	0.249	1.3	12.5
Tannin			1.000	0.809	0.023	0.626	0.194	0.916	0.569	1.0	10.0
Carotenoids				1.000	0.973	0.555	0.437	0.346	0.553	0.8	7.8
Ascorbic acid					1.000	0.110	0.000	0.183	0.310	0.6	5.9
Mn						1.000	0.039	0.001	0.000	0.4	4.0
Ca							1.000	0.035	0.081	0.3	3.3
Cu								1.000	0.013	0.3	2.7
Mg									1.000	0.1	0.7