

Supplementary Table 1 Relationship between altitude and analyzed parameter in fruits of *G. trichophylla*

	Altitude	Phenolics	Tannins	Flavonoids	Flavonols	ABTS	DPPH	FRAP	Carbohydrate	Na	K
Altitude	1										
Phenolics	0.960**	1									
Tannins	1.000**	0.959**	1								
Flavonoids	0.975**	0.962**	0.974**	1							
Flavonols	0.953**	0.952**	0.954**	0.898*	1						
ABTS	-0.931	-0.894	-0.933	-0.909	-0.943	1					
DPPH	0.980**	0.955**	0.981**	0.954**	0.974**	-0.951	1				
FRAP	0.993**	0.931**	0.993**	0.976**	0.918**	-0.927	0.961**	1			
Carbohydrate	0.943**	0.929**	0.944**	0.876*	0.997**	-0.948	0.966**	0.909*	1		
Na	0.933**	0.950**	0.932**	0.948**	0.897*	-0.918	0.896*	0.929**	0.881*	1	
K	0.793	0.757	0.796	0.820*	0.796	-0.943	0.840*	0.805	0.803	0.817*	1

Level of significant *(p<0.05; **(p<0.01)