

Supplementary Material

Supplementary Tables

Table S1. Correlation matrix showing Pearson's correlation coefficients for morphometric parameters (dry leaf mass, the number of leaves, plant height) and SGs parameters (the concentrations of rebaudioside A (RebA) and stevioside (Stev), total concentration of SGs (RebA+Stev), ratio RebA/Stev in stevia leaves) of the control group.

Variables	RebA	Stev	RebA+Stev	RebA/Stev	Leaf dry mass per plant	Number of leaves
Stev	0.044					
RebA+Stev	0.319	0.817				
RebA/Stev	0.981*	-0.067	0.164			
Leaf dry mass per plant	0.409	-0.733	-0.285	0.524		
Number of leaves	0.533	-0.773	-0.444	0.563	0.242	
Plant height	0.955*	-0.011	0.263	0.912*	0.254	0.696*

Significant at 0.05 level of probability (*)

Table S2. Correlation matrix showing Pearson's correlation coefficients for morphometric parameters (dry leaf mass, the number of leaves, plant height) and biochemical parameters (total phenolic content (TPC), total flavonoid content (TFC), antioxidant activity (AA) in stevia leaves) of the control group.

Variables	TPC	TFC	AA	Leaf dry mass per plant	Number of leaves
TFC	-0.118				
AA	0.542	-0.725			
Leaf dry mass per plant	0.139	0.686	-0.715		
Number of leaves	-0.191	-0.343	-0.322	0.242	
Plant height	-0.802	0.067	-0.721	0.254	0.696

Significant at 0.05 level of probability (*)

Table S3. Correlation matrix showing Pearson's correlation coefficients for morphometric parameters (dry leaf mass, the number of leaves, plant height) and SGs parameters (the concentrations of rebaudioside A (RebA) and stevioside (Stev), total concentration of SGs (RebA+Stev), ratio RebA/Stev in stevia leaves) of CP2 group.

Variables	RebA	Stev	RebA+Stev	RebA/Stev	Leaf dry mass per plant	Number of leaves
Stev	-0.467					
RebA+Stev	-0.709	0.756				
RebA/Stev	0.822*	-0.611	-0.622			
Leaf dry mass per plant	0.089	-0.911	-0.633	0.244		
Number of leaves	0.422	-0.767	-0.978	0.927	0.644	
Plant height	0.544	-0.678	-0.948*	0.964	0.556	0.801*

Significant at 0.05 level of probability (*)

Table S4. Correlation matrix showing Pearson's correlation coefficients for morphometric parameters (dry leaf mass, the number of leaves, plant height) and biochemical parameters (total phenolic content (TPC), total flavonoid content (TFC), antioxidant activity (AA) in stevia leaves) of CP2 group.

Variables	TPC	TFC	AA	Leaf dry mass per plant	Number of leaves
TFC	-0.182				
AA	0.497	-0.833*			
Leaf dry mass per plant	-0.069	0.504	-0.725*		
Number of leaves	-0.105	-0.752*	0.611	-0.482	
Plant height	-0.500	-0.356	0.089	-0.252	0.759*

Significant at 0.05 level of probability (*)

Table S5. Correlation matrix showing Pearson's correlation coefficients for morphometric parameters (dry leaf mass, the number of leaves, plant height) and SGs parameters (the concentrations of rebaudioside A (RebA) and stevioside (Stev), total concentration of SGs (RebA+Stev), ratio RebA/Stev in stevia leaves) of CP5 group.

Variables	RebA	Stev	RebA+Stev	RebA/Stev	Leaf dry mass per plant	Number of leaves
Stev	-0.020					
RebA+Stev	0.655*	0.742*				
RebA/Stev	0.938*	-0.289	0.410			
Leaf dry mass per plant	0.128	-0.783	-0.678	0.108		
Number of leaves	0.011	-0.989*	-0.489*	0.167	0.833	
Plant height	0.188	-0.666	-0.378	0.361	0.758	0.811*

Significant at 0.05 level of probability (*)

Table S6. Correlation matrix showing Pearson's correlation coefficients for morphometric parameters (dry leaf mass, the number of leaves, plant height) and biochemical parameters (total phenolic content (TPC), total flavonoid content (TFC), antioxidant activity (AA) in stevia leaves) of CP5 group.

Variables	TPC	TFC	AA	Leaf dry mass per plant	Number of leaves
TFC	-0.335				
AA	0.284	0.000			
Leaf dry mass per plant	-0.035	0.581*	-0.493		
Number of leaves	-0.145	0.478	-0.117	0.555	
Plant height	-0.095	0.372	-0.100	0.508	0.672*

Significant at 0.05 level of probability (*)

Table S7. Correlation matrix showing Pearson's correlation coefficients for morphometric parameters (dry leaf mass, the number of leaves, plant height) and SGs parameters (the concentrations of rebaudioside A (RebA) and stevioside (Stev), total concentration of SGs (RebA+Stev), ratio RebA/Stev in stevia leaves) of CP7 group.

Variables	RebA	Stev	RebA+Stev	RebA/Stev	Leaf dry mass per plant	Number of leaves
Stev	0.110					
RebA+Stev	0.696	0.790*				
RebA/Stev	0.929*	-0.206	0.424			
Leaf dry mass per plant	0.079	-0.663*	-0.430	0.332		
Number of leaves	0.104	-0.243	-0.111	0.103	0.251	
Plant height	0.387	-0.234	0.070	0.464	0.309	0.751*

Significant at 0.05 level of probability (*)

Table S8. Correlation matrix showing Pearson's correlation coefficients for morphometric parameters (dry leaf mass, the number of leaves, plant height) and biochemical parameters (total phenolic content (TPC), total flavonoid content (TFC), antioxidant activity (AA) in stevia leaves) of CP7 group.

Variables	TPC	TFC	AA	Leaf dry mass per plant	Number of leaves
TFC	0.036				
AA	0.598	0.088			
Leaf dry mass per plant	-0.102	0.157	-0.226		
Number of leaves	0.207	0.313	0.274	0.251	
Plant height	-0.339	0.195	-0.132	0.309	0.789*

Significant at 0.05 level of probability (*)