

Table 2 Correlative matrix of leaf structure indexes

Index	Leaf thickness	Thickness of upper epidermis	Thickness of palisade tissue	Thickness of spongy tissue	Thickness of lower epidermis	Palisade tissue-spongy tissue ratio	Tissue structure tightness	Tissue structure looseness	Stomatal density	Stomatal size
Leaf thickness	1.000	-	-	-	-	-	-	-	-	-
Thickness of upper epidermis	0.744**	1.000	-	-	-	-	-	-	-	-
Thickness of palisade tissue	0.974**	0.695**	1.000	-	-	-	-	-	-	-
Thickness of spongy tissue	0.998**	0.734**	0.964**	1.000	-	-	-	-	-	-
Thickness of lower epidermis	0.601**	0.657**	0.544**	0.588**	1.000	-	-	-	-	-
Palisade tissue-spongy tissue ratio	-0.684**	-0.743**	-0.526**	-0.704**	-0.634**	1.000	-	-	-	-
Tissue structure tightness	-0.494**	-0.619**	-0.300	-0.518**	-0.544**	0.950**	1.000	-	-	-
Tissue structure looseness	0.881**	0.775**	0.803**	0.894**	0.627**	-0.870**	-0.680**	1.000	-	-
Stomatal density	-0.360	0.153	-0.370*	-0.377*	0.298	-0.014	-0.045	-0.120	1.000	-
Stomatal size	-0.286	-0.466**	-0.314	-0.263	-0.482**	0.269	0.179	-0.307	-0.427*	1

Note: * indicates a significant correlation at 0.05 level, and ** indicates a significant correlation at 0.01 level