

Variable	by Variable	Correlation coefficient	P-value
Log TLP	Log Po	0.98	<.0001
Log LWS	Log LT	0.87	<.0001
Log Total Hydro Thick	Log LT	0.86	<.0001
Log LWS	Log Total Hydro Thick	0.85	<.0001
Log Total Hydro Thick	Log Cft*	0.77	<.0001
Log LWS	Log Cft*	0.71	<.0001
% LWC	Log SWC	0.67	<.0001
Log LT	Log Cft*	0.67	<.0001
Log RWC(tlp)	Log TLP	0.66	<.0001
Log % C	LDMC 2	0.66	<.0001
Log LWS	% LWC	0.64	<.0001
Log Total Hydro Thick	Log SWC	0.59	<.0001
Log % C	Log SD	0.59	<.0001
Log Cft*	Log Cft	0.56	0.0008
Log Cft*	Log SWC	0.54	0.0014
Log RWC(tlp)	Log Po	0.54	<.0001
Log LWS	Log SWC	0.54	<.0001
Log LT	Log SWC	0.53	<.0001
Log SD	LDMC 2	0.53	<.0001
% LWC	Log LT	0.50	<.0001
% LWC	Log Gmin	0.49	<.0001
Log Total Hydro Thick	Log Tough	0.49	<.0001
Log C/N	Log % C	0.49	<.0001
% LWC	Log Total Hydro Thick	0.48	0.0002
LOG C/N	Log total cuticle	0.48	0.0001
Log total cuticle	Log LT	0.46	<.0001
Log Cft*	Log TLP	0.44	0.0116
Log Cft*	Log Po	0.44	0.0121
Log WD	Log SLA	0.42	0.0005
Log LWS	Log Gmin	0.42	0.0004
Log % N	Log SLA	0.41	0.0017
Log LT	Log Gmin	0.41	<.0001
% LWC	Log TLP	0.38	0.0016
Log SWC	Log Gmin	0.38	0.0005
Log d15	Log % N	0.38	0.0027
Log Total Hydro Thick	Log Gmin	0.38	0.0018
Log Ctlp	Log Tough	0.38	0.0003
Log LWS	Log total cuticle	0.36	0.0026
Log Cft*	Log Tough	0.36	0.045
LOG C/N	Log LT	0.35	0.0077
Log SD	Log WD	0.35	0.0036
% LWC	Log Po	0.34	0.0047
Log d13C	Log d15N	0.34	0.008
Log WD	LDMC 2	0.33	0.0038
Log % C	Log WD	0.32	0.0332
Log % N	Log TLP	0.32	0.0176
Log total cuticle	Log Hydro Thick	0.32	0.0052
LOG C/N	Log SD	0.31	0.0194
Log % N	Log Po	0.31	0.0198
LOG C/N	Log e	0.31	0.0221
Log LT	Log Tough	0.30	0.0027
LOG C/N	LDMC 2	0.28	0.0364
Log LWS	Log Tough	0.27	0.0216
LOG C/N	Log Tough	0.27	0.0392
% LWC	Log RWC(tlp)	0.26	0.0342
Log total cuticle	Log Tough	0.26	0.0099
% LWC	Log SLA	0.23	0.0486
Log TLP	Log SWC	0.21	0.0443
Log Cft	Log RWC(tlp)	-0.23	0.0289
Log LT	Log SD	-0.23	0.0296
Log LT	Log WD	-0.24	0.0429
Log % N	Log e	-0.27	0.0466
Log % N	Log Tough	-0.27	0.0353
LOG C/N	Log RWC(tlp)	-0.28	0.0411
Log Hydro Thick	Log WD	-0.28	0.0333
Log d13C	% LWC	-0.28	0.049
Log SWC	Log WD	-0.28	0.0198
Log % C	Log Po	-0.30	0.0268
Log d15	Log SD	-0.31	0.0246
Log % C	Log SLA	-0.31	0.0214
Log SD	Log Po	-0.32	0.0044
LOG C/N	% LWC	-0.32	0.0234
Log d13C	Log SD	-0.33	0.0144
Log SD	Log Gmin	-0.33	0.0015
Log d15	Log e	-0.33	0.0138
Log SD	Log TLP	-0.34	0.0023
Log TLP	LDMC 2	-0.34	0.0014
Log Po	LDMC 2	-0.34	0.0012
Log % N	Log LWS	-0.34	0.0158
Log % C	Log TLP	-0.35	0.0098
Log C/N	Log d15N	-0.35	0.0061
Log % C	Log RWC(tlp)	-0.36	0.0064
LOG C/N	Log Po	-0.37	0.0061
Log SD	Log Cft*	-0.38	0.0361
LOG C/N	Log TLP	-0.38	0.0038
Log Hydro Thick	Log SLA	-0.39	0.0018
Log LT	Log SLA	-0.39	0.0004
Log SD	Log SWC	-0.41	0.0002
Log LWS	Log SD	-0.42	0.0004
Log d13C	Log SLA	-0.44	0.0008
Log LWS	Log SLA	-0.44	0.0001
LOG C/N	Log SLA	-0.46	0.0005
Log Hydro Thick	Log SD	-0.46	<.0001
Log % N	Log LT	-0.46	0.0003
Log Cft*	Log SLA	-0.48	0.0058
% LWC	Log SD	-0.50	<.0001
Log Hydro Thick	LDMC 2	-0.50	<.0001
Log % C	Log SWC	-0.50	<.0001
Log % N	Log total cuticle	-0.52	<.0001
LDMC 2	Log Gmin	-0.57	<.0001
Log LT	LDMC 2	-0.59	<.0001
Log % C	% LWC	-0.60	<.0001
Log LWS	LDMC 2	-0.63	<.0001
Log SWC	LDMC 2	-0.72	<.0001
Log Cft	Log e	-0.88	<.0001
% LWC	LDMC 2	-0.92	<.0001
Log C/N	Log % N	-0.96	<.0001