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附录II 阔叶红松林中白桦、紫椴、五角枫大树的柄叶性状在南、北2个方向的标准主轴分析结果

Supplement II Results of standardized major axis analysis (SMA) on lamina and petiole traits of large tree (*Betula platyphylla*, *Tilia amurensis* and *Acer pictum* subsp. *mono*) in two directions (south and north) in a broadleaved Korean pine forest

树种 Species	y	x	方向 Direction	斜率 Slope	截距 Intercept	R <sup>2</sup>	共同斜率检验 Common slope test (p)	截距检验 Intercept difference test (p)	斜率异质性 Heterogeneity of slopes (p)
白桦 <i>Betula platyphylla</i>	LA	PL	南 South	0.946	0.790	0.137	0.660	0.007	<0.001
			北 North	0.946	0.747	0.125			
	LA	PDM	南 South	0.608	2.319	0.240	0.178	0.086	<0.001
			北 North	0.608	2.296	0.334			
	LDM	PL	南 South	1.007	-1.088	0.166	0.729	<0.001	<0.001
			北 North	1.007	-1.149	0.109			
LDM	PDM	南 South	0.652	0.550	0.474	0.595	0.001	<0.001	
		北 North	0.652	0.509	0.353				
紫椴 <i>Tilia amurensis</i>	LA	PL	南 South	2.103	-0.062	0.035	0.412	0.061	0.022
			北 North	2.103	-0.098	0.082			
	LA	PDM	南 South	0.873	2.742	0.141	0.886	0.150	<0.001
			北 North	0.873	2.718	0.203			
	LDM	PL	南 South	2.248	-2.125	0.083	0.808	0.005	<0.001
			北 North	2.248	-2.176	0.191			
LDM	PDM	南 South	0.933	0.873	0.579	0.163	<0.001	<0.001	
		北 North	0.933	0.833	0.606				
五角枫 <i>Acer pictum</i> subsp. <i>mono</i>	LA	PL	南 South	1.054	0.298	0.350	0.385	0.434	<0.001
			北 North	1.054	0.309	0.445			
	LA	PDM	南 South	0.665	2.285	0.646	0.533	0.927	<0.001
			北 North	0.665	2.284	0.637			
	LDM	PL	南 South	1.496	-2.116	0.072	0.890	0.424	<0.001
			北 North	1.496	-2.092	0.117			
LDM	PDM	南 South	0.936	0.693	0.332	0.283	0.834	<0.001	
		北 North	0.936	0.698	0.214				

LA, 叶片面积; LDM, 叶片干质量; PDM, 叶柄干质量; PL, 叶柄长。

LA, lamina area; LDM, lamina dry mas; PDM, petiole dry mass; PL, petiole length.