Table S2   Regression Beta and standard error (SE) of the RR-BLUP model under two different cross validation schemes: 10-fold cross validation and leave one-out (L1-Out)

Trait Category	Trait	Methods			
		Beta - 10-Fold	SE - 10-Fold	Beta - L1-Out	SE - L1-Out
Growth	HT	1.18	0.10	1.12	0.09
	HTLC	1.20	0.08	1.21	0.08
	BHLC	1.11	0.07	1.11	0.07
	DBH	1.19	0.08	1.17	0.08
Development	CWAL	1.04	0.06	1.03	0.06
	CWAC	1.10	0.09	1.13	0.09
	BD	1.23	0.15	1.19	0.15
	BA	1.13	0.07	1.13	0.06
	Rootnum_bin	1.36	0.15	1.31	0.15
	Rootnum	1.51	0.20	1.48	0.19
Disease resistance	Rust_bin	1.13	0.13	1.12	0.13
	Rust_gall_vol	1.29	0.19	1.23	0.18
Wood quality	StiffnessTree	1.12	0.08	1.10	0.08
	Lignin	1.00	0.19	0.96	0.19
	Latewood%4	1.01	0.14	1.03	0.13
	Density	1.26	0.20	1.27	0.20
	C5C6	1.22	0.15	1.23	0.15

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