

**Table S5.** Variance analysis of logistic curve fitting of seedling diameter of four provenances of *X. sorbifolium*.

	Resource	Sum of Squares	df	Mean Square
AB diameter	Regression	77.562	3	25.854
	Residual	0.731	9	0.081
	Total before Modification	78.293	12	
	Total after Modification	9.174	11	
OB diameter	Regression	74.417	3	24.806
	Residual	0.748	9	0.083
	Total before Modification	75.165	12	
	Total after Modification	8.371	11	
SX diameter	Regression	73.688	3	24.563
	Residual	0.684	9	0.076
	Total before Modification	74.371	12	
	Total after Modification	9.123	11	
ML diameter	Regression	79.706	3	26.569
	Residual	0.643	9	0.071
	Total before Modification	80.349	12	
	Total after Modification	9.813	11	

AB-Ar Horqin Banner; OB-Ongniud Banner; SX-Shanxian; ML-Mulei.