

Table S2. Three-way ANOVA analysis of NSC concentration and its components (soluble sugars and starch) change with different sampling times, drought and nitrogen addition treatments.

Measurements	Factors	<i>Fraxinus mandshurica</i>		<i>Pinus koraiensis</i>	
		<i>F</i> value	<i>P</i> (> <i>F</i>)	<i>F</i> value	<i>P</i> (> <i>F</i>)
Leaf sugar	Time	9.285	<0.001***	19.802	<0.001***
	Drought(D)	0.540	0.465	2.975	0.088
	Nitrogen(N)	0.293	0.747	2.405	0.097
	D×N	0.588	0.558	1.104	0.336
Leaf starch	Time	32.739	<0.001***	121.834	<0.001***
	Drought(D)	0.034	0.855	4.989	0.028*
	Nitrogen(N)	3.296	0.044*	8.800	<0.001***
	D×N	1.289	0.283	0.111	0.895
Leaf NSC	Time	25.533	<0.001***	85.542	<0.001***
	Drought(D)	0.297	0.588	0.320	0.573
	Nitrogen(N)	1.423	0.249	12.022	<0.001***
	D×N	1.599	0.210	0.251	0.779
Shoot sugar	Time	56.425	<0.001***	34.282	<0.001***
	Drought(D)	0.340	0.562	0.167	0.684
	Nitrogen(N)	0.218	0.804	0.474	0.624
	D×N	0.539	0.586	0.640	0.530
Shoot starch	Time	62.459	<0.001***	101.056	<0.001***
	Drought(D)	3.863	0.053	0.056	0.814
	Nitrogen(N)	1.817	0.169	0.450	0.639
	D×N	1.006	0.370	0.815	0.446
Shoot NSC	Time	13.208	<0.001***	60.321	<0.001***
	Drought(D)	1.805	0.183	0.155	0.695
	Nitrogen(N)	1.865	0.162	0.711	0.494
	D×N	1.376	0.258	0.956	0.389
Root sugar	Time	44.945	<0.001***	35.644	<0.001***
	Drought(D)	0.004	0.951	3.153	0.080
	Nitrogen(N)	10.213	<0.001***	1.975	0.145
	D×N	0.441	0.645	0.584	0.560
Root starch	Time	102.695	<0.001***	59.380	<0.001***
	Drought(D)	9.087	0.003**	3.481	0.066
	Nitrogen(N)	10.183	<0.001***	0.771	0.466
	D×N	1.769	0.177	0.958	0.388
Root NSC	Time	34.502	<0.001***	39.688	<0.001***
	Drought(D)	3.795	0.055	5.755	0.019*
	Nitrogen(N)	19.377	<0.001***	0.535	0.588
	D×N	1.264	0.288	1.356	0.264