

Supplementary file S3

Coefficients of model parameters for *Fagus sylvatica* and *Larix decidua* at site Kreisbach 2

Table A3. Coefficients of model parameters for *Fagus sylvatica* and *Larix decidua* at site Kreisbach 2

Variable	Asymptote	Inflection	Scale Par.
	<i>a</i>	Pt. <i>b</i>	<i>c</i>
0	0.20	74.48	13.11
Fs_Mi	<i>0.08</i>	-6.14	0.92
P10_Fs_Mo	<i>-0.25</i>	<i>-26.83</i>	<i>-7.65</i>
P10_Fs_Mi	0.06	<i>27.60</i>	<i>10.55</i>
P90_Fs_Mo	<i>0.20</i>	-4.09	<i>3.78</i>
P90_Fs_Mi	<i>-0.15</i>	-2.81	-2.60
y18_Fs	0.06	0.57	<i>3.82</i>
Ld_Mi ¹⁾	<i>-0.14</i>	<i>-31.95</i>	<i>-10.88</i>

Note: Dummy-categorical fixed effects with regard to different tree species are abbreviated as **0** (50th percentile of *Fagus sylvatica* in monospecific stands in year 2019), **Fs_Mi** (50th percentile of *Fagus sylvatica* in mixed stands with *Larix decidua* in year 2019), **Ld_Mi** (*Larix decidua* in mixed stands with *Fagus sylvatica*). Categories of varying social status are named as **P10** (10th percentile of diameter distribution), **P90** (90th percentile of diameter distribution). The parameters **y18** describes the aberration from the reference year 2019. Significant parameter estimates according to Wald tests using $\alpha = 5\%$ level are indicated by italic typeface.

¹⁾All *Larix decidua* trees were evaluated together at this site.