Table S6. Statistics of the mixed model analysis of annual tree height increment for the “overall” model (all the four species): Akaike Information Criterion (AIC), estimated parameters, contribution to total variance of random components and significance.

|  |  |
| --- | --- |
| Parameter / components of variation of tree height | Statistics |
| Fixed effects | Estimated parameter or variance value | %\* | *P* |
| AIC | 13349.4 |  |  |
| Intercept | 31.7 |  | 0.0028 |
| Temperature difference between mean of warmest and coldest month temperature, or continentality (TD\_s), of the seed source | -0.009 |  | 0.9474 |
| Annual dryness index transfer distance (ADI\_d) | 64.5 |  | 0.5023 |
| Annual dryness index transfer distance quadratic (ADI\_d)2 | -1348 |  | 0.0419 |
| Temperature difference x Annual dryness index transfer distance | -5.9 |  | 0.1875 |
| *Random effects* |  |  |  |
| *Species* | 0 | 0.0 | 1 |
| *Site* | 181.9 | 82.3 | <0.0001 |
| *Population(Species)* | 3.27 | 1.5 | 0.0032 |
| *Error* | 35.9 | 16.2 |  |
|  |  |  |  |

\*Percent contribution to total variance (where 100 % is the sum of variance of all random terms).