

## Sampling

7 species

European  
(native population) 13  
sites, 63 seed families

North American  
(introduced population)  
3 sites, 21 seed families

## Growth chamber treatments (full factorial design)

60 day  
stratification

30 day  
stratification

18/8°C

22.7/  
12.7°C

27.33/  
17.33°  
C

32/22°  
C

## Measurements

Germination  
success

Time to  
germination

Growth rate

## Statistical analysis and nesting design

Bayesian multilevel  
models

Species 1

Species 2

Site 1

Site 2

Site 1

Site 2

Seed  
family 1

Seed  
family 2

Seed  
family 3

Seed  
family 4

Seed  
family 1

Seed  
family 2

Seed  
family 3

Seed  
family 4