

**(A)****Climate**

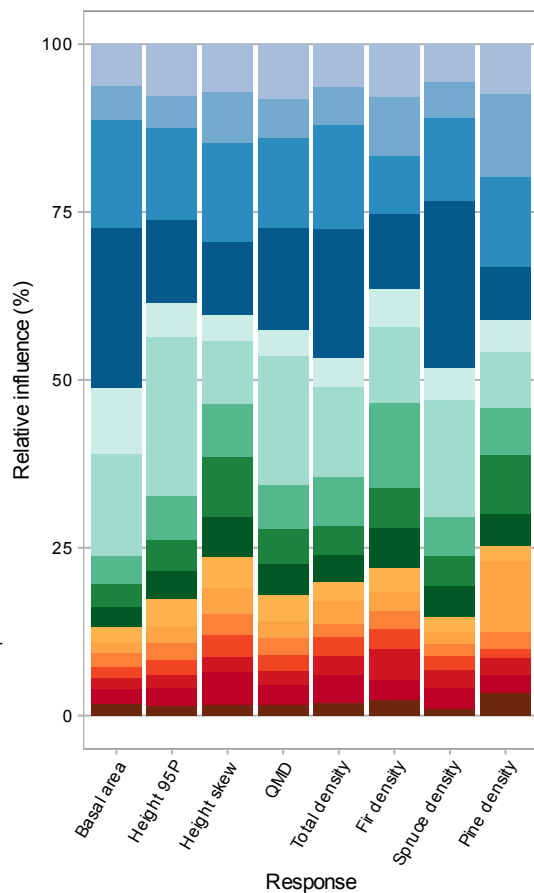
- AET
- CWD
- SWE
- $\Delta$ SWE

**Topography**

- Curvature
- Elevation
- Heat load
- TPI
- TWI

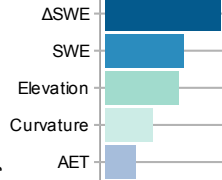
**Substrate**

- AWC
- CEC
- $k_{sat}$
- Organic matter
- pH
- Silt content
- Geology

**(B)**

Abiotic explanatory variable

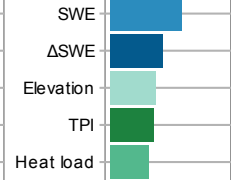
Basal area



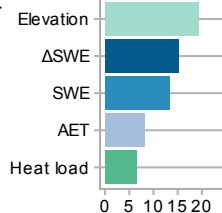
Height 95P



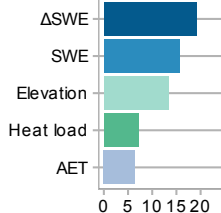
Height skew



QMD

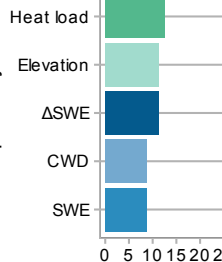


Total density

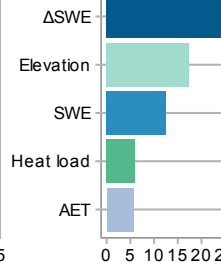
**(C)**

Abiotic explanatory variable

Fir density



Spruce density



Pine density

