

Effects of bark beetle attacks on forest snowpack and avalanche formation

Implications for protection forest management

HEALTHY



DEAD



Newly dead trees can
maintain avalanche protection...

HARVESTED



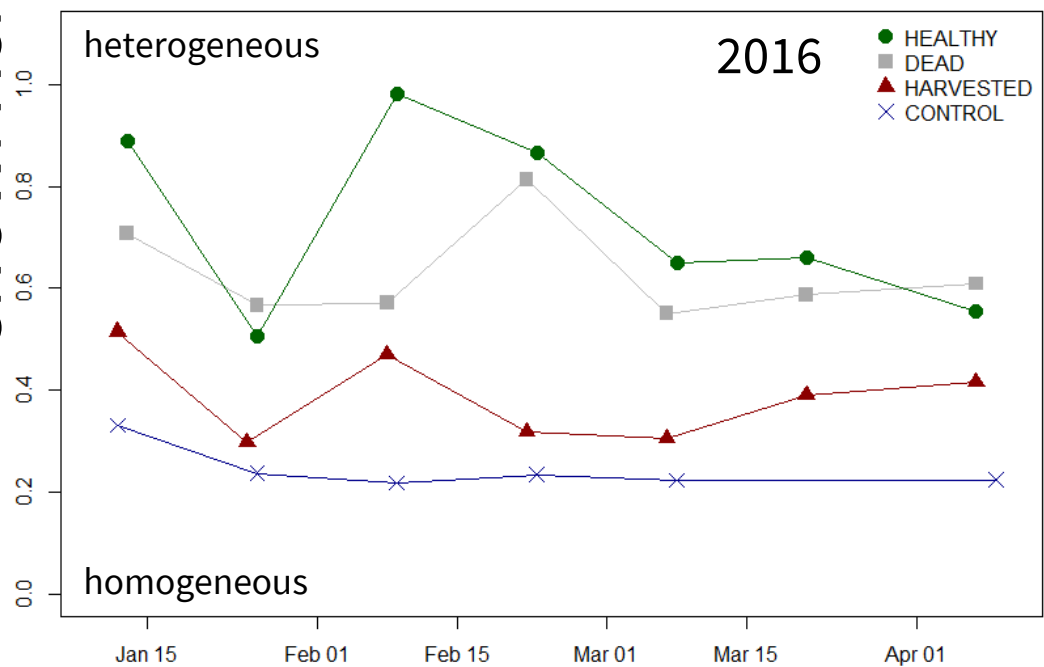
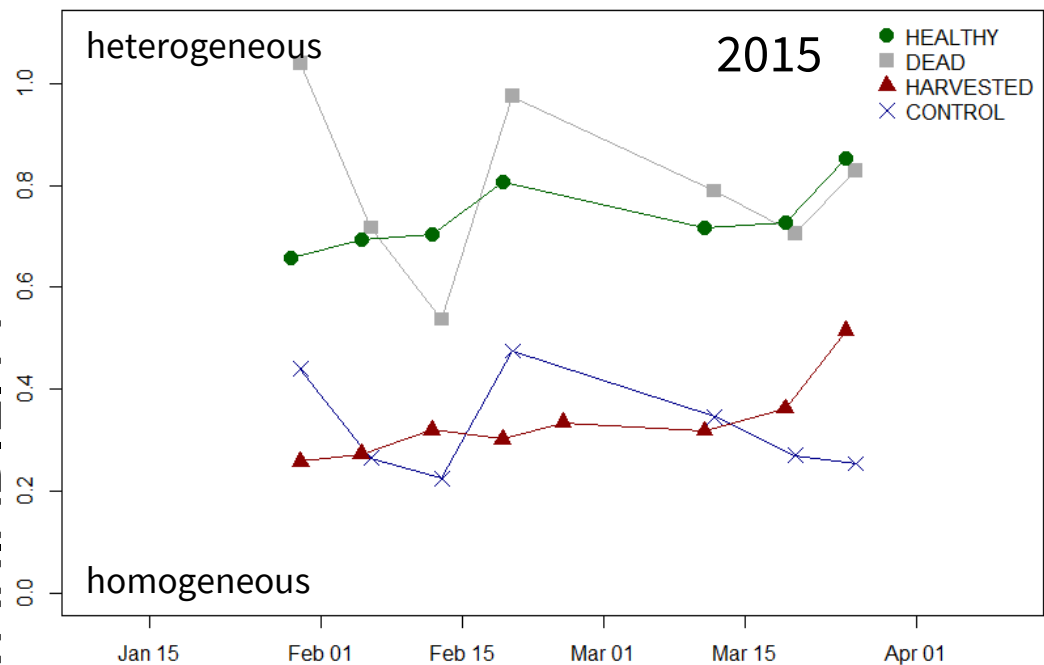
CONTROL



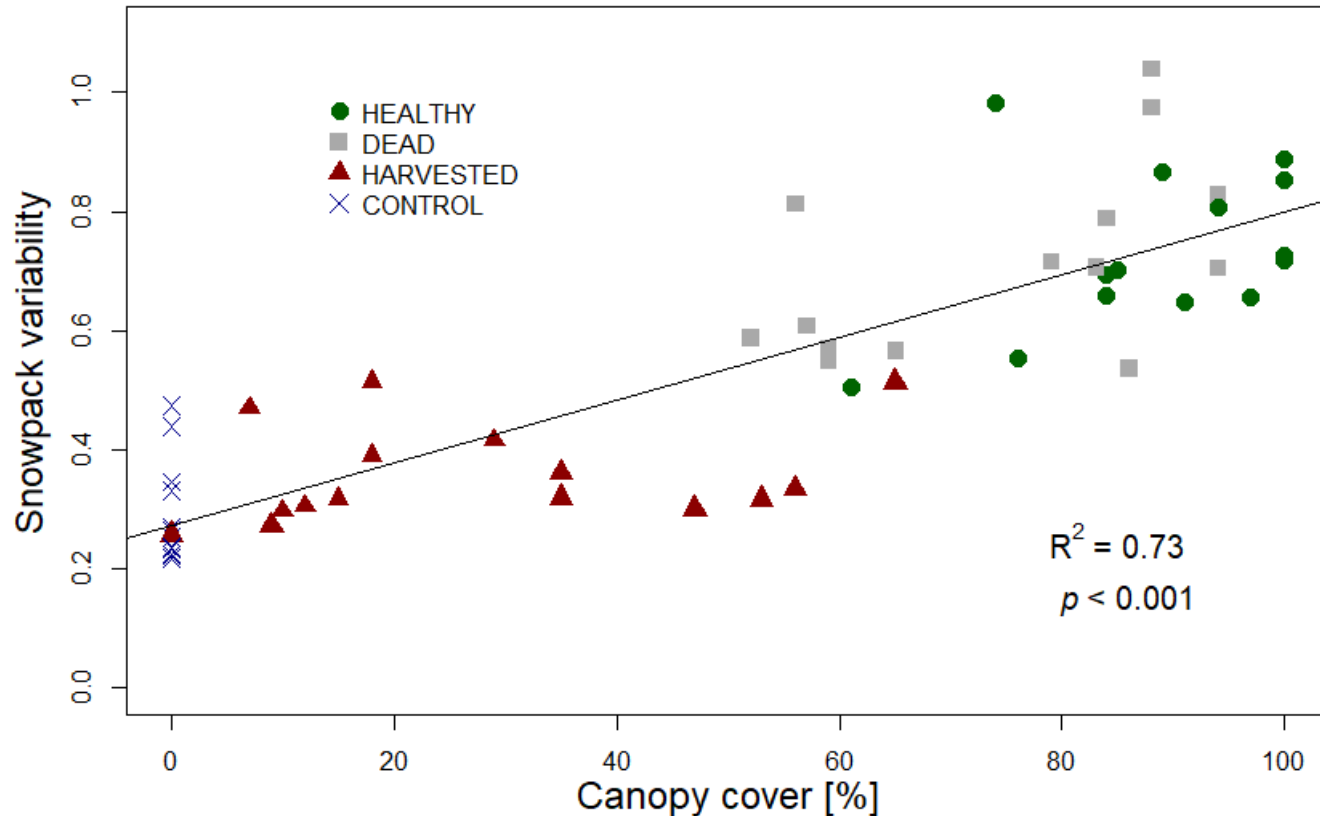
..., but logged forest stands
don't.



SNOWPACK VARIABILITY



Canopy cover controls variability of snowpack structure in forests...



...independent from healthy or dead canopy.