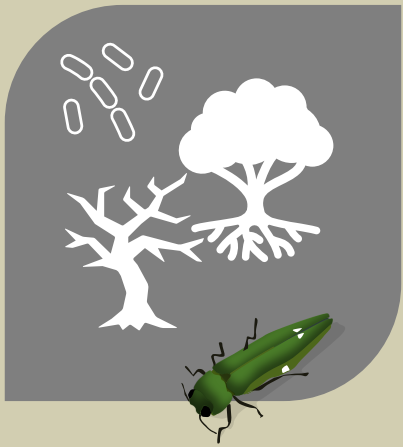


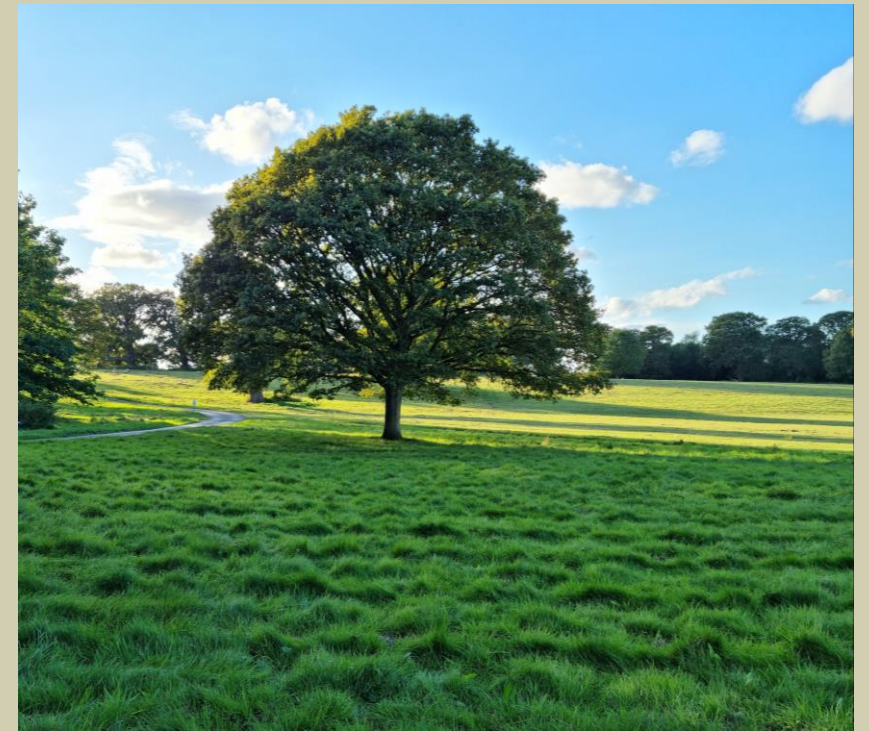


Long term monitoring of oak health and AOD symptom development

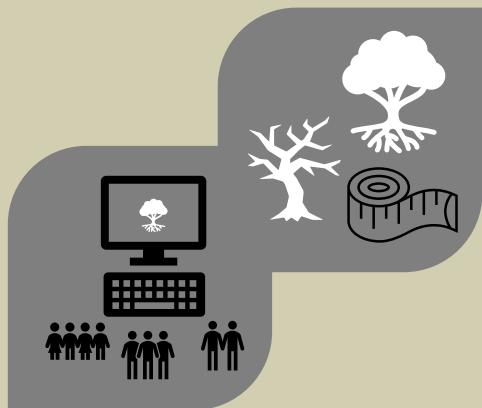




AOD monitoring sites



Tree Condition /
predisposition



Volunteer Observations

Aims:

To focus on the underlying health of oak trees.

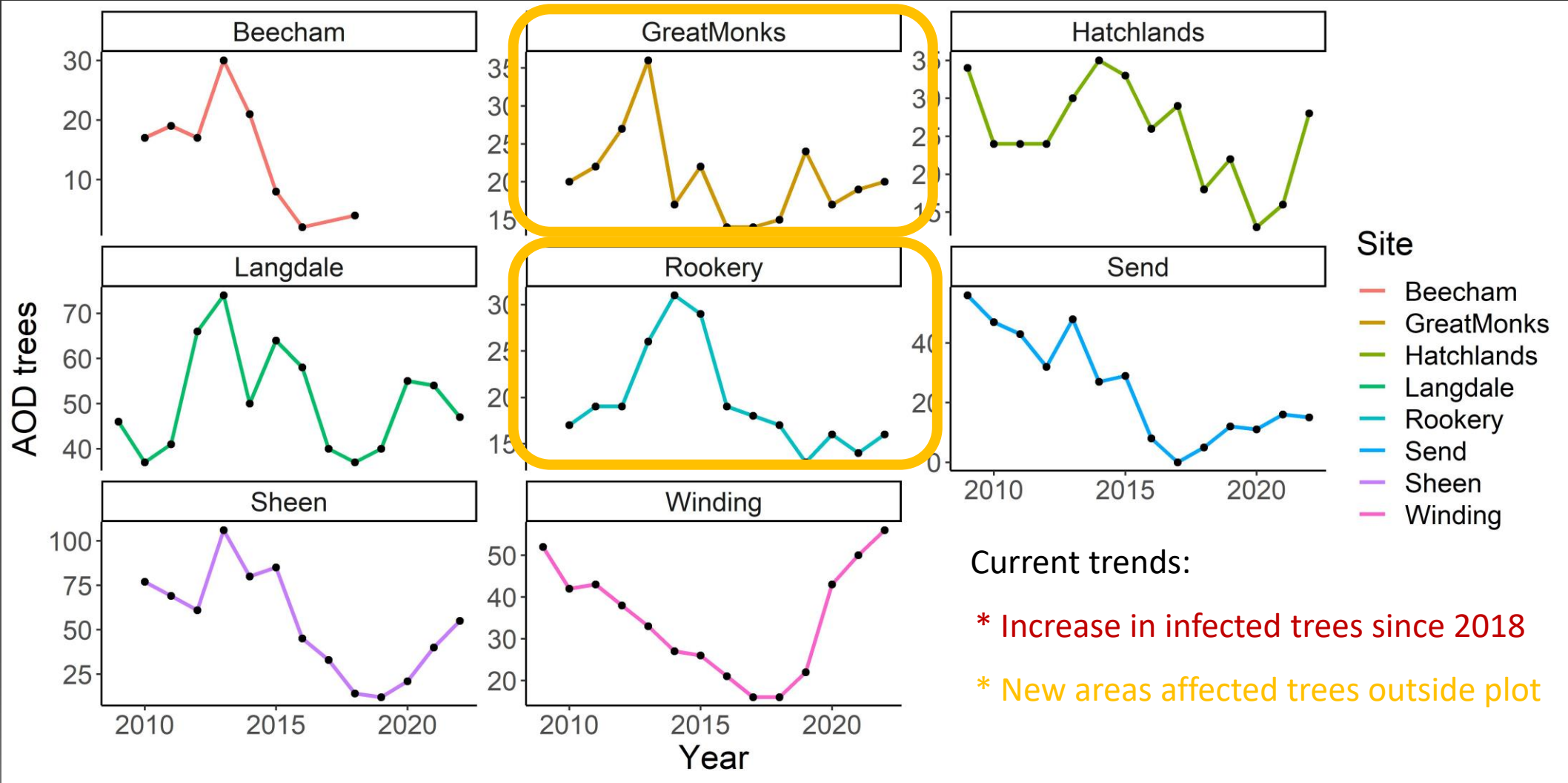
We hope that this will help reveal why some trees are predisposed to decline

To discuss how tree condition has been monitored in the past.

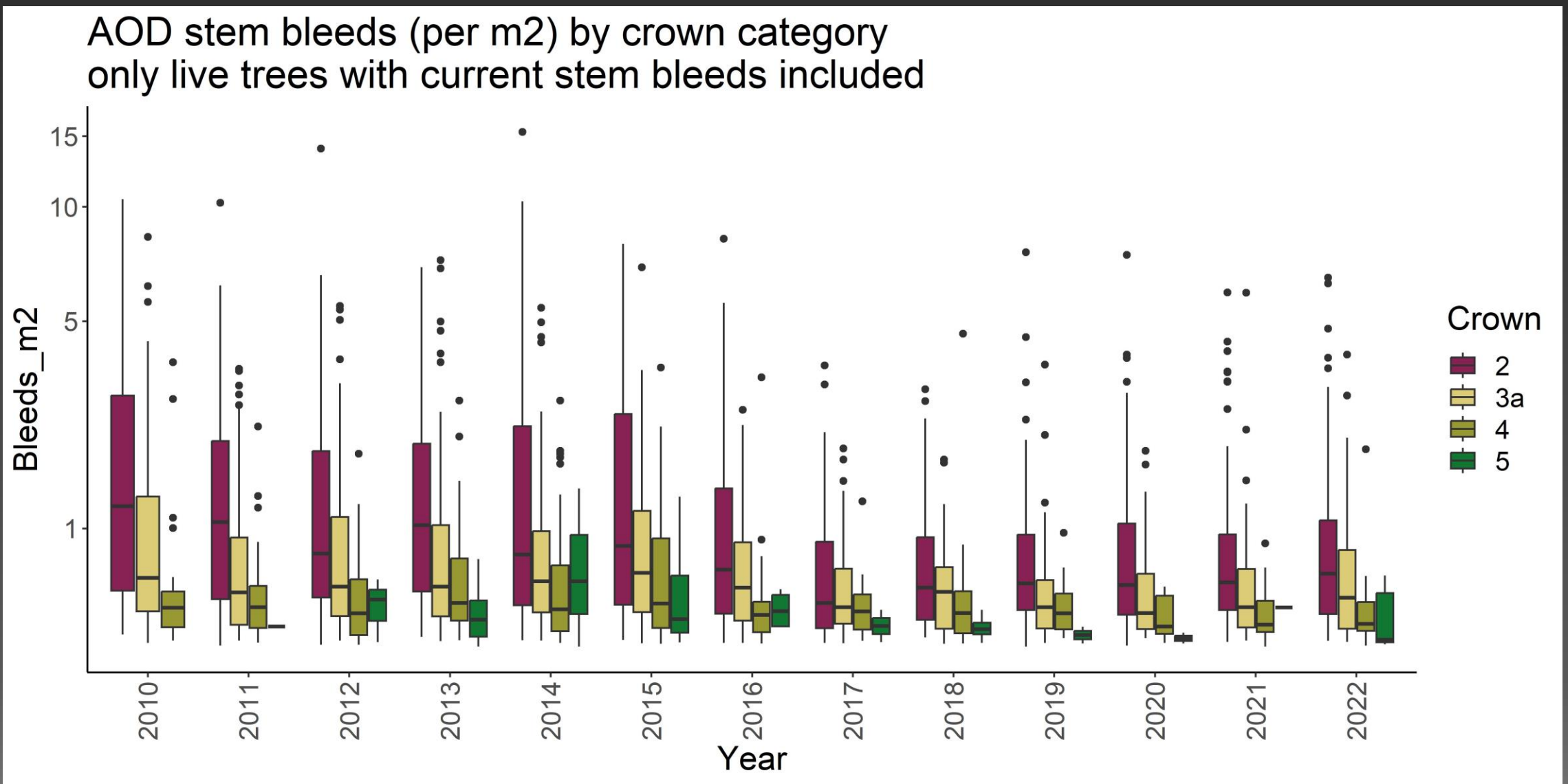
Detail a new project that will develop methods for volunteer groups.



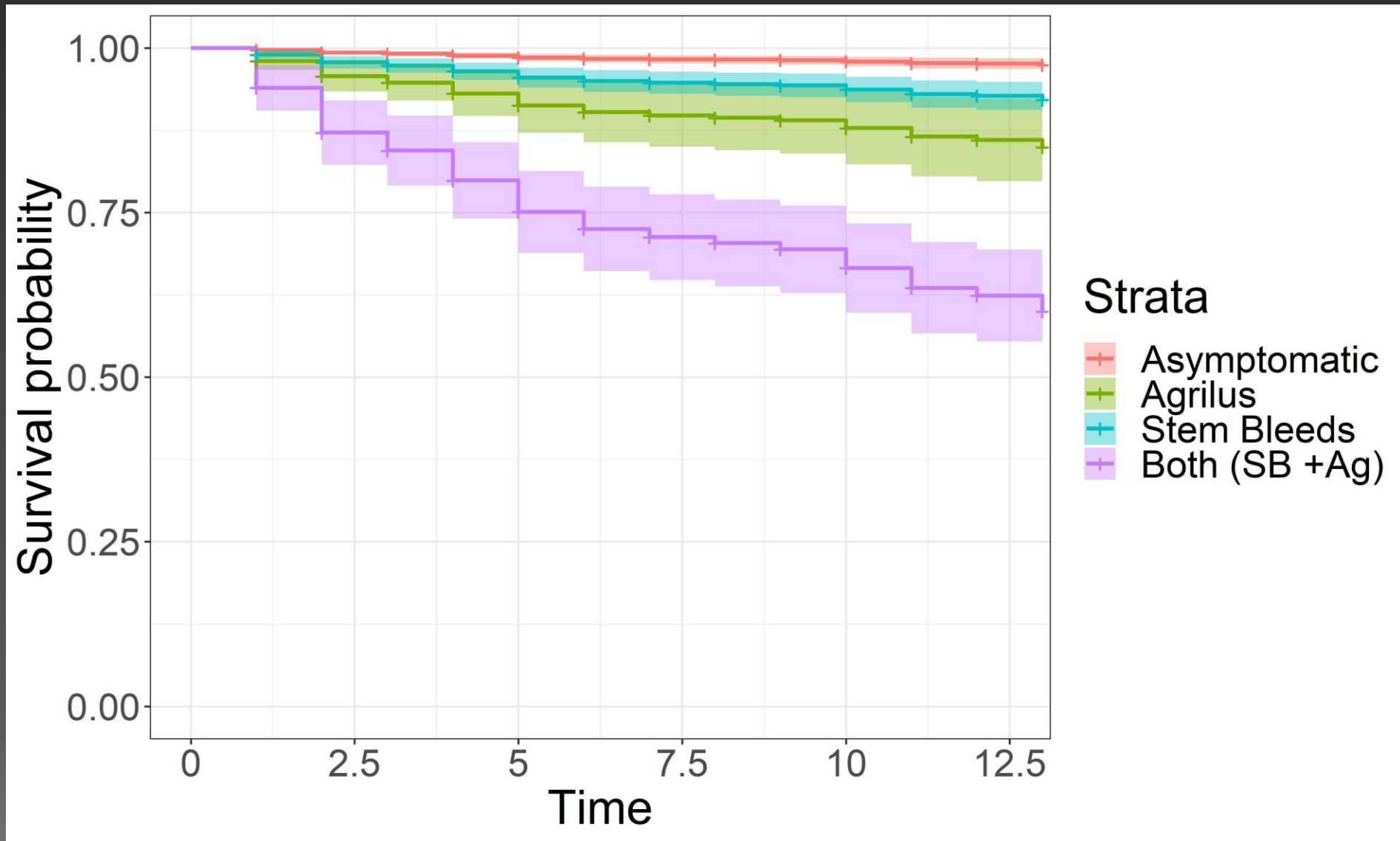
Predisposition to decline (Acute Oak Decline)



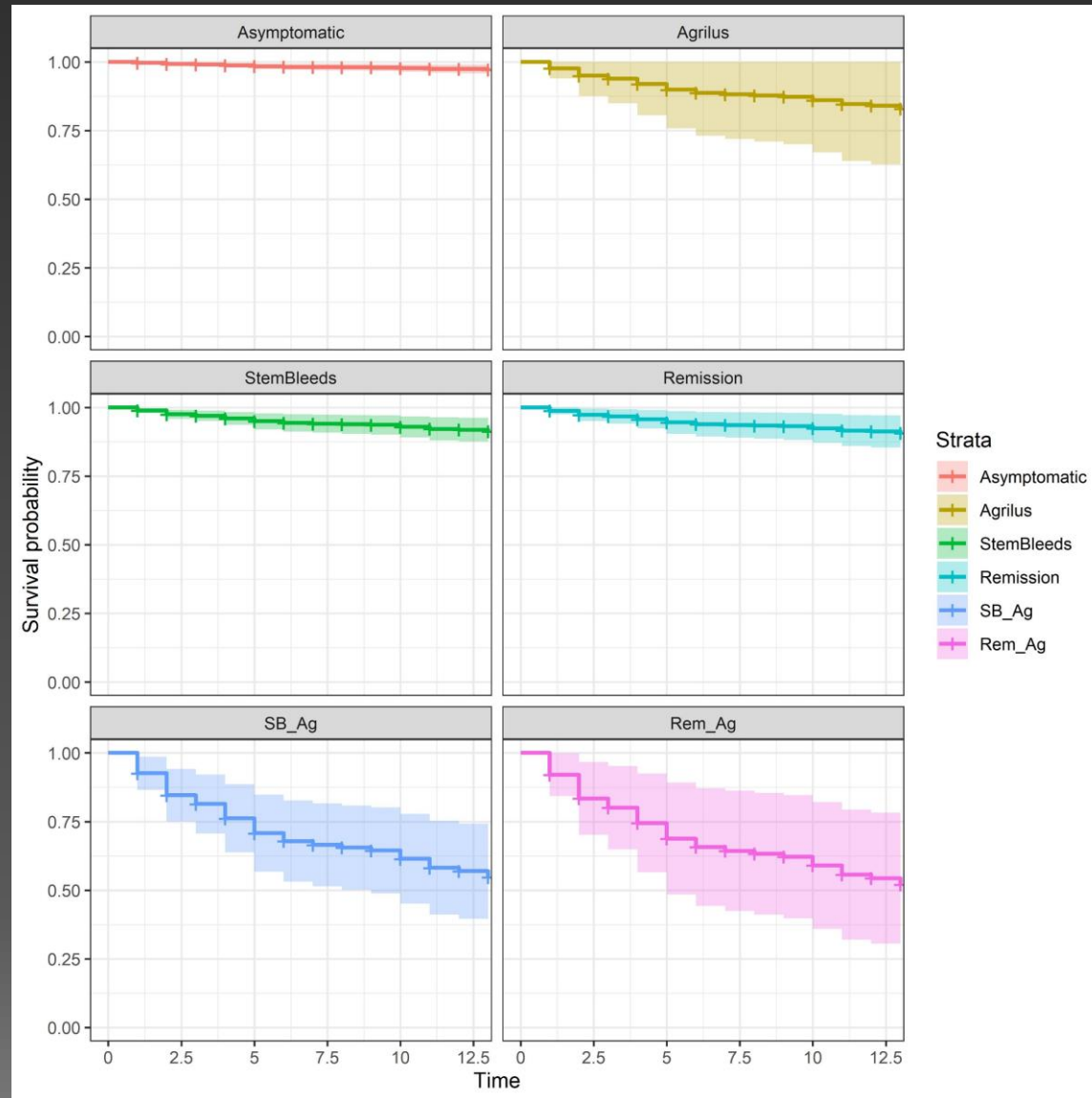
Symptom prevalence



Survival (simplest trends)



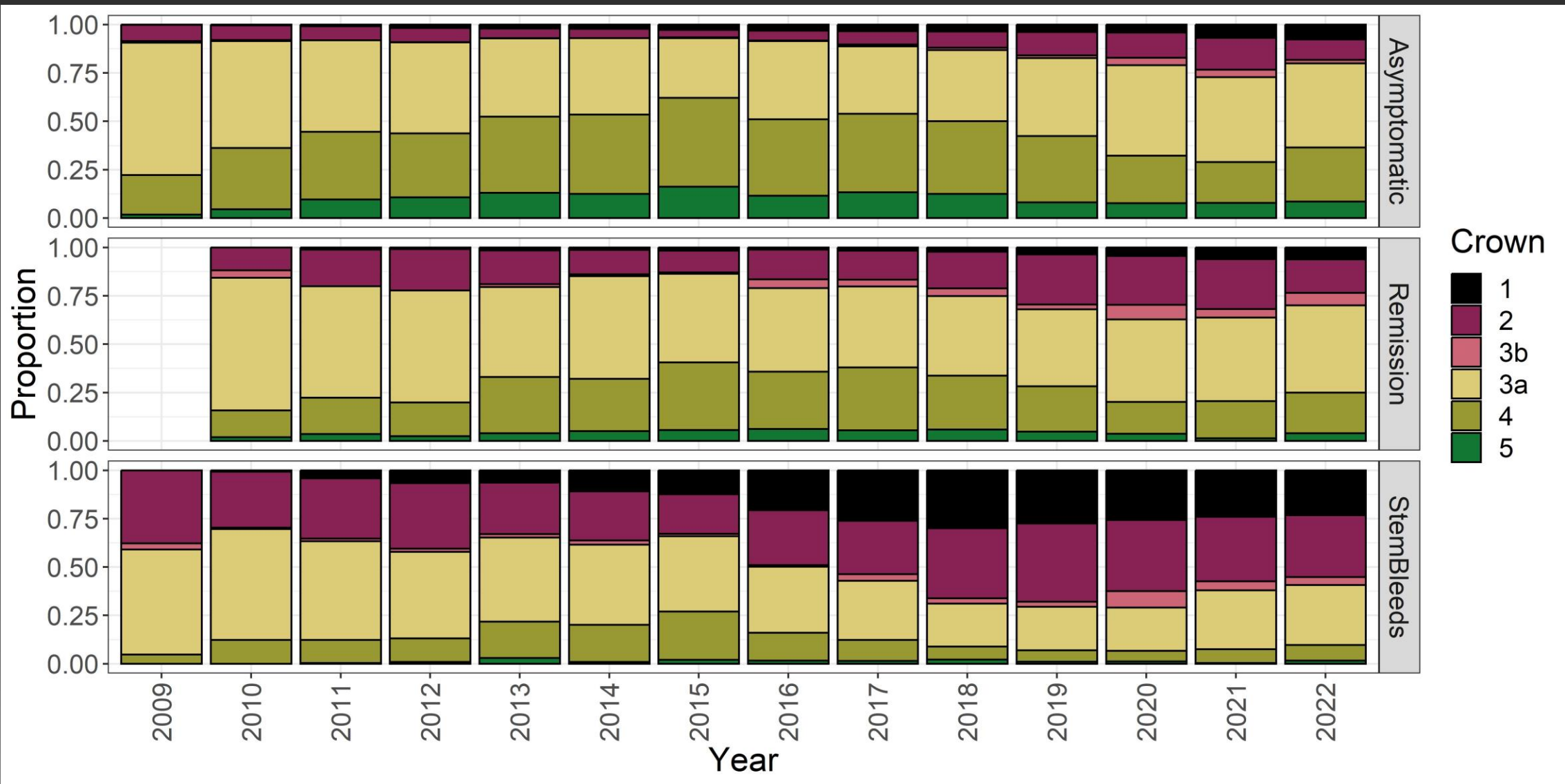
Effect of stem bleeds becoming inactive



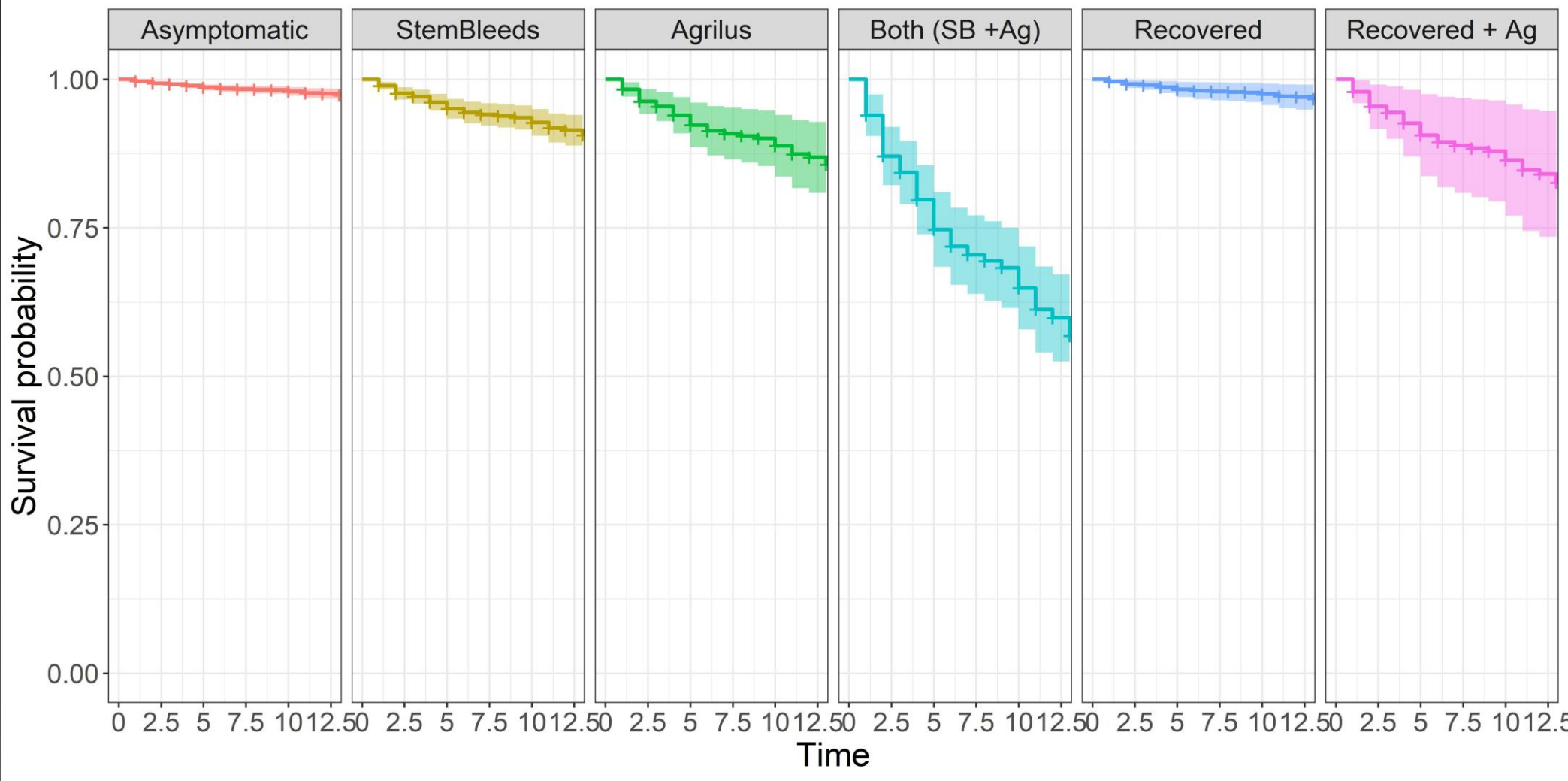
No improvement in
life expectancy when
bleeds stop

Something more
complicated is going
on

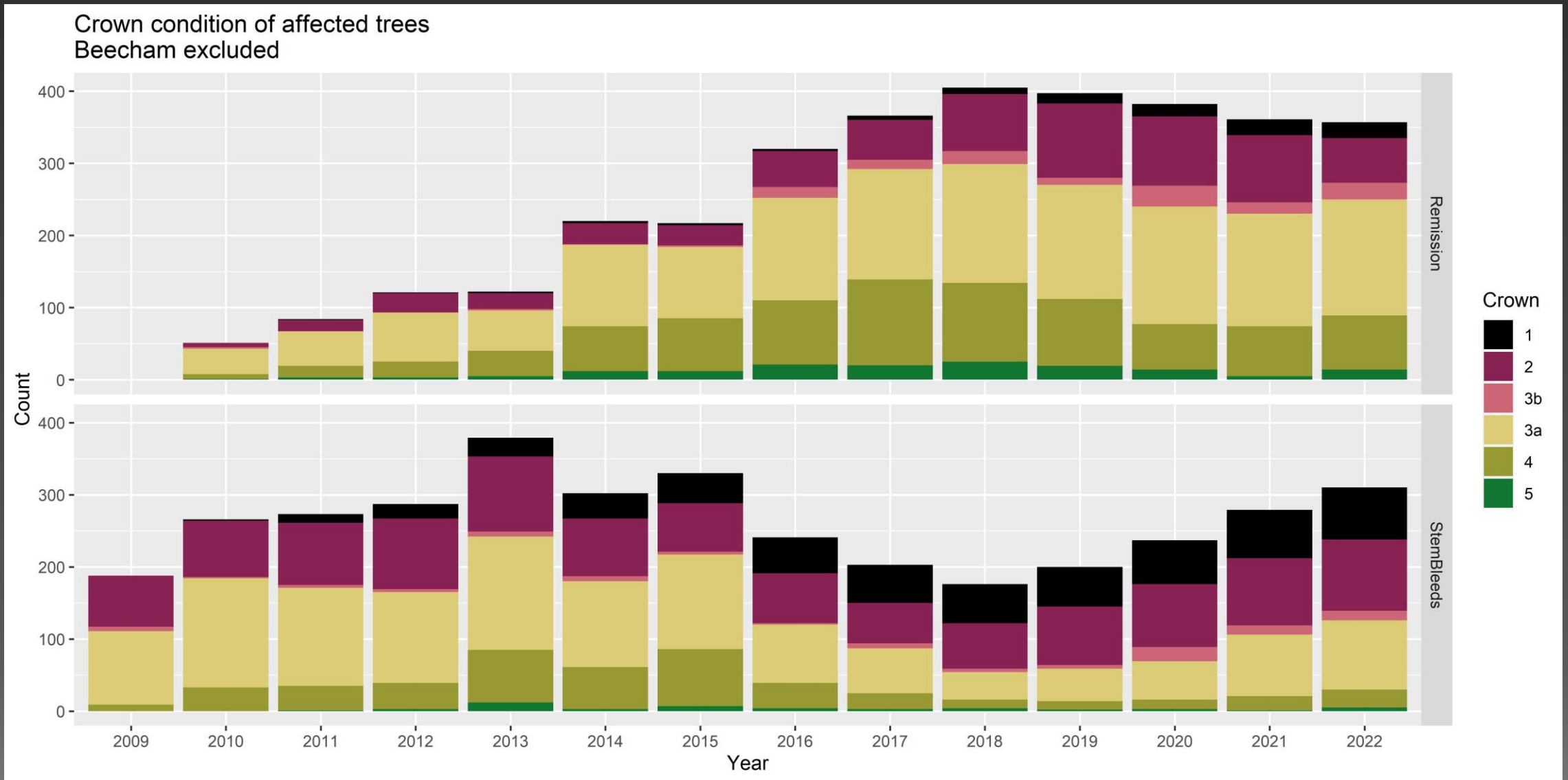
Crown condition by category



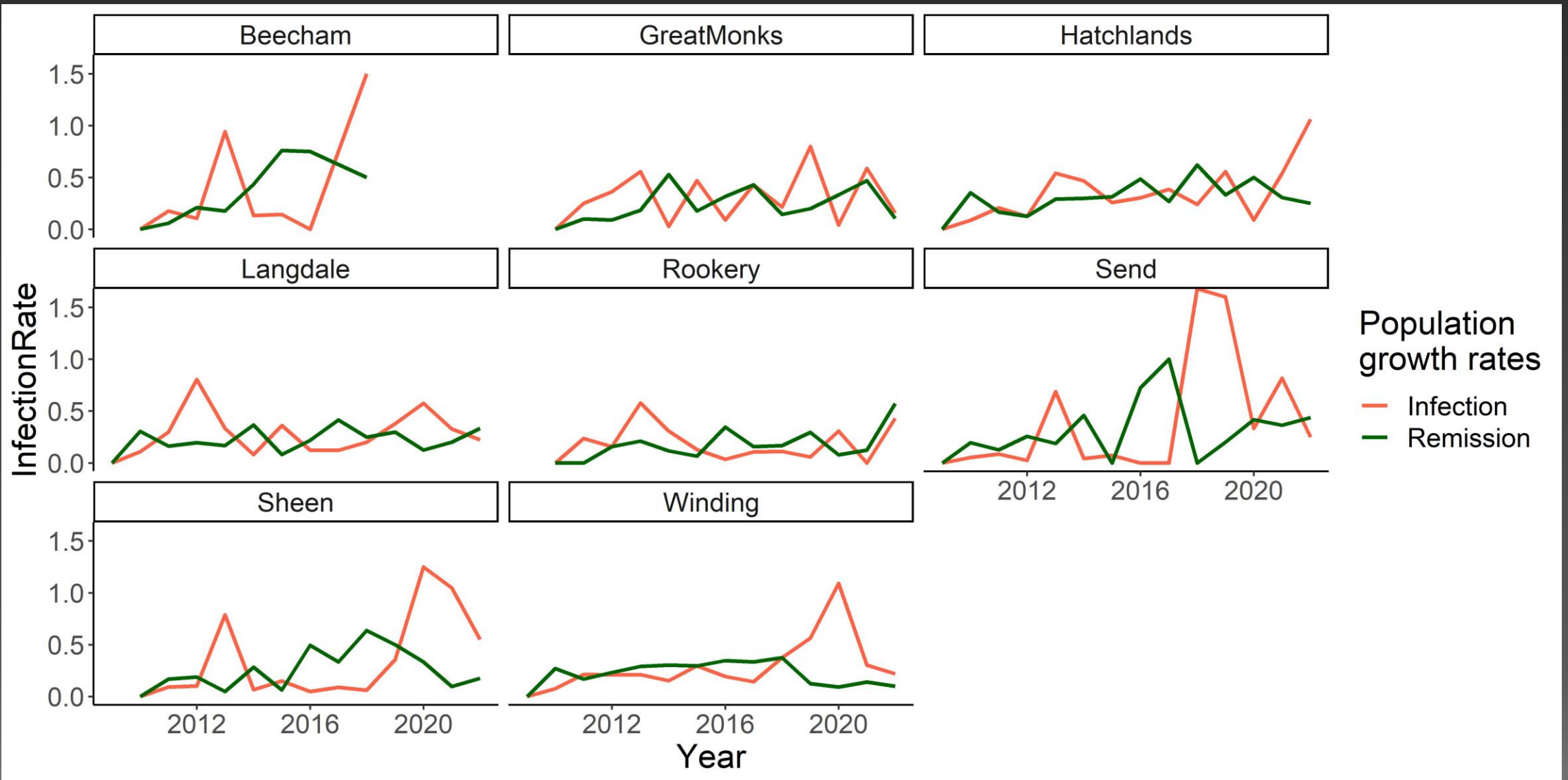
Recovered = remission + crown health better than 3a



Crown condition by AOD symptoms



Rate of change: Inciting factors?





Monitoring tree condition

BacStop – aim to train volunteers to monitor oak health

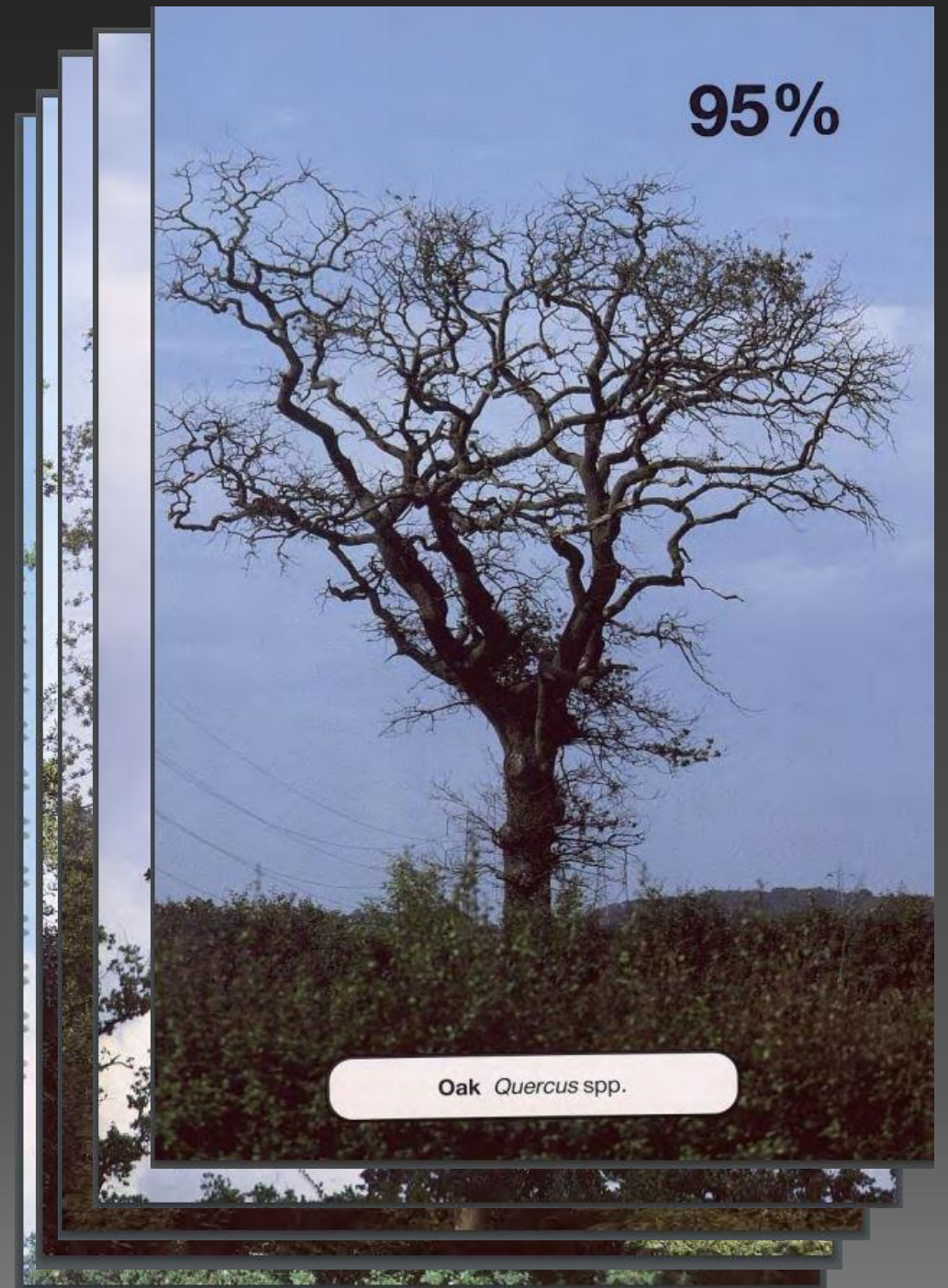
Use protocol similar to Forest Condition survey

Run half day workshops – more coming in 2023

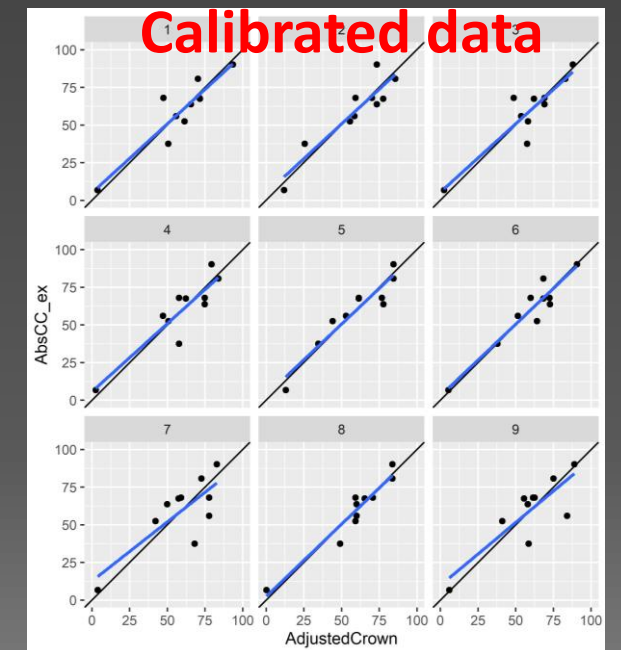
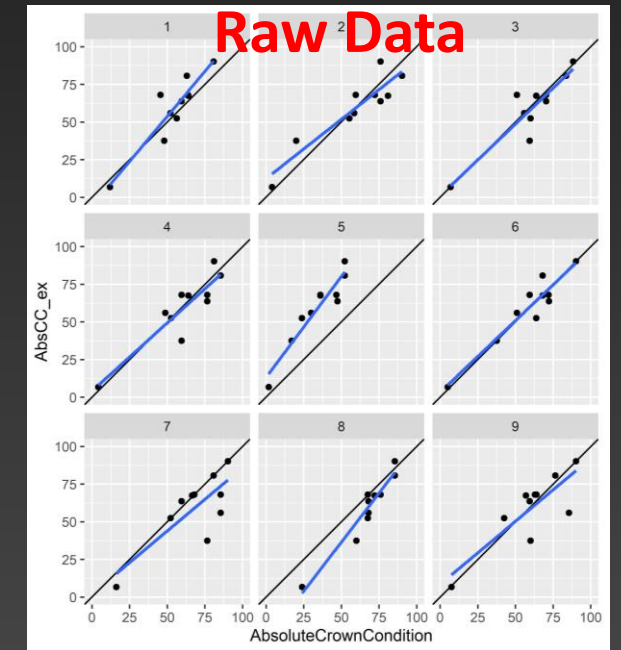
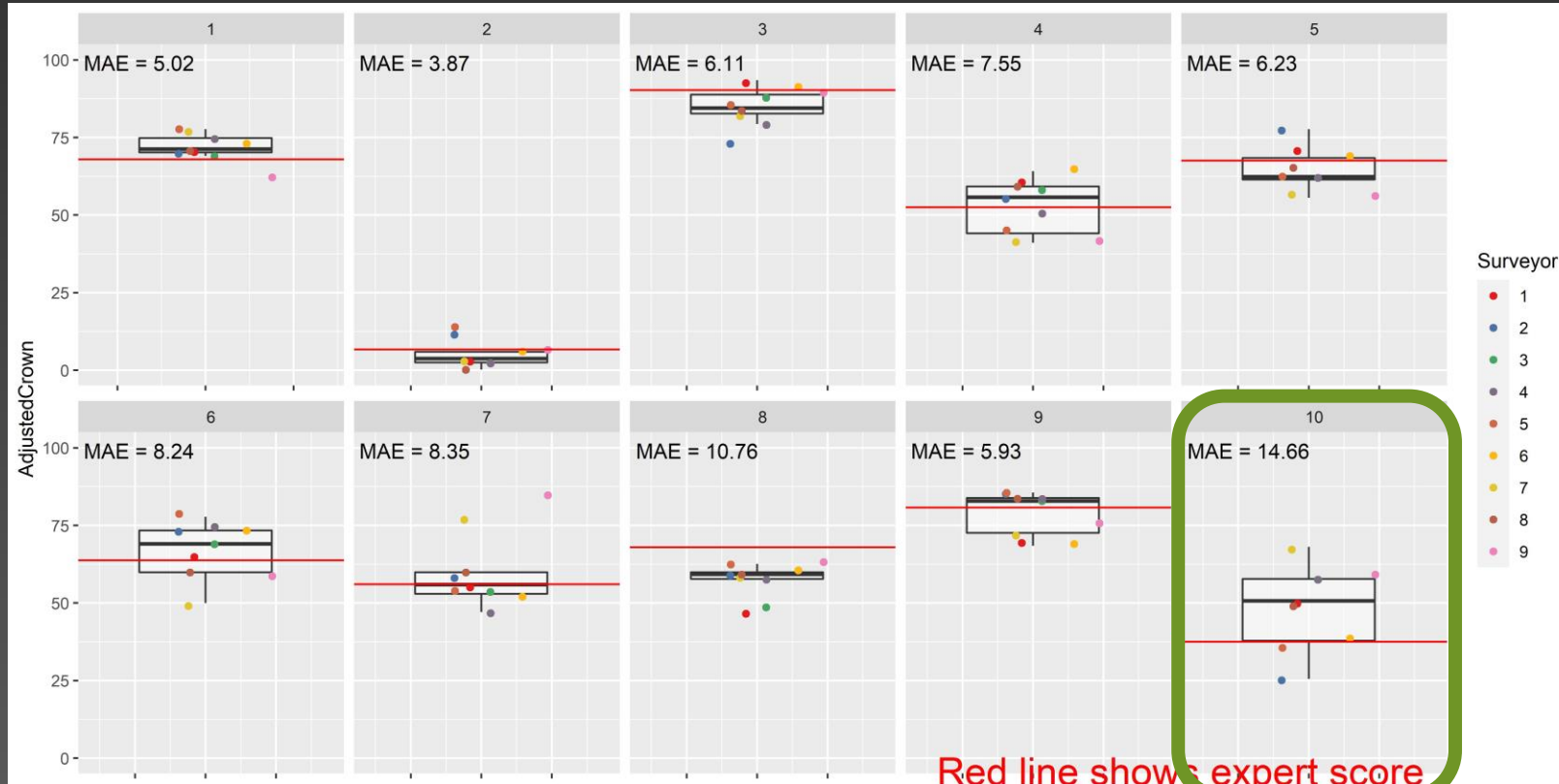


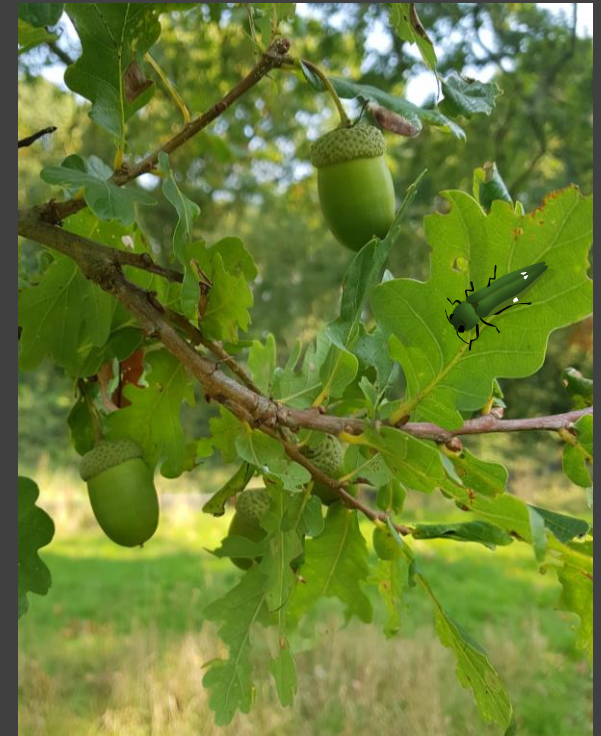
What is crown condition?

- Simply a score of how green the tree is:
 - The more leaves
 - The more photosynthesis
 - The more energy for growth and defence



Results following in person training





Thank you

