

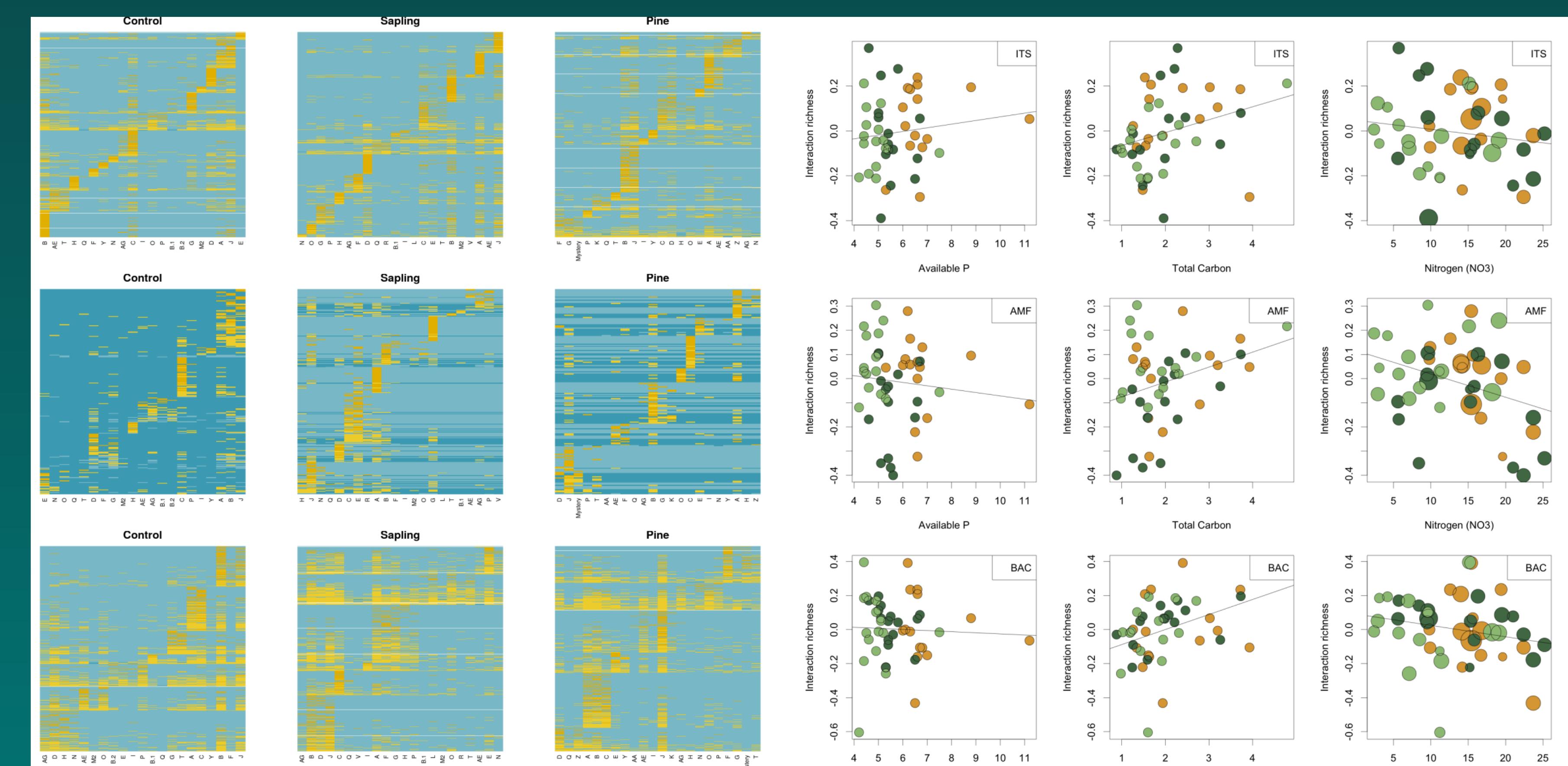
# Methods

- 45 plots of  $2^2 mts$  at 3 temporal treatments
  - Belowground interaction diversity
  - Plant diversity
  - abiotic and physical variables
  - Arthropod diversity\*
- Interaction meta-networks for each treatment (T)
- Network structural metrics (partial-metanetworks)
- Interaction richness relationships with abiotic soil conditions

## Universe of belowground interactions

Alpine plant communities can rewire microbial interactions but preserve belowground network structures

Reduced interaction richness and increasing generalism



## Study area

Non-native (*Pinus contorta*) pine invasions in alpine Patagonia.

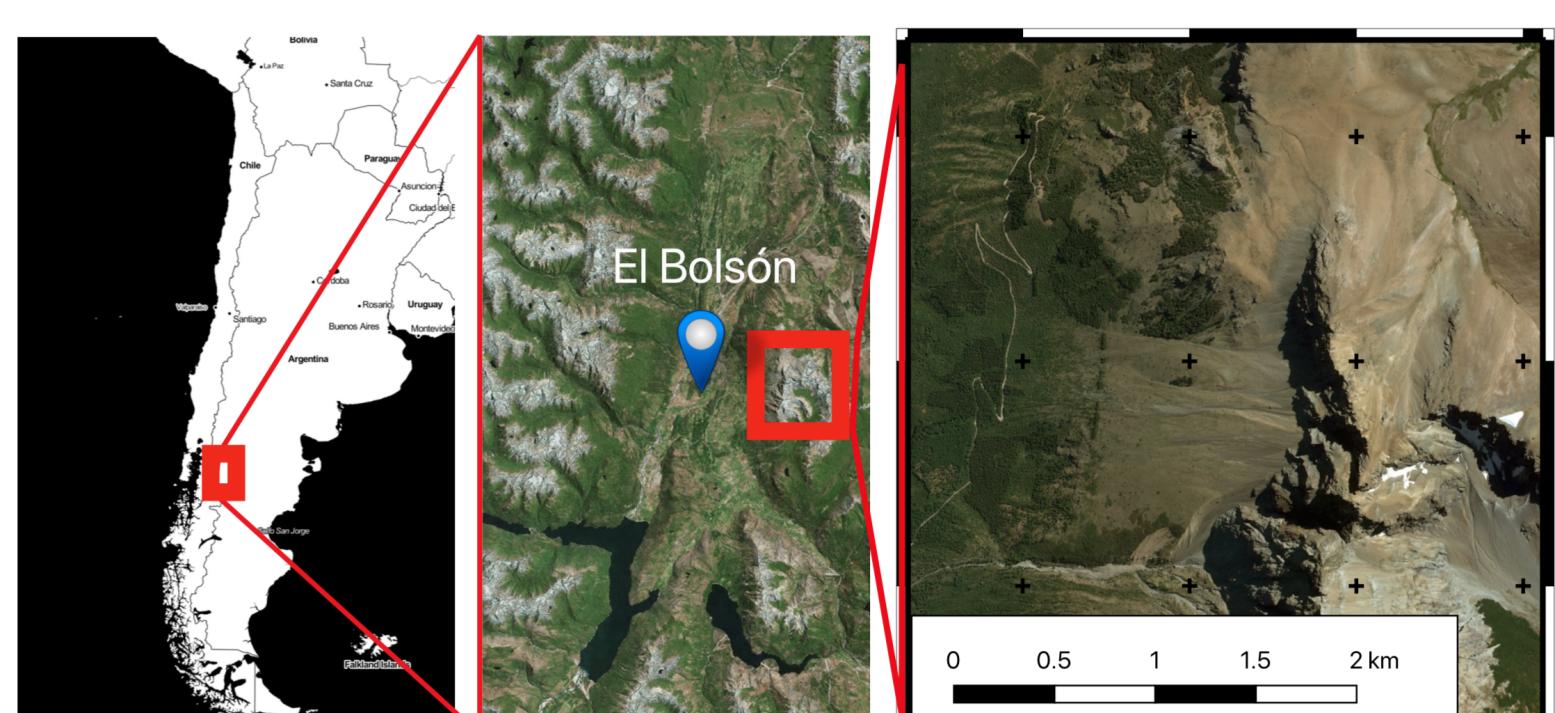


Figure 1: Location of study area

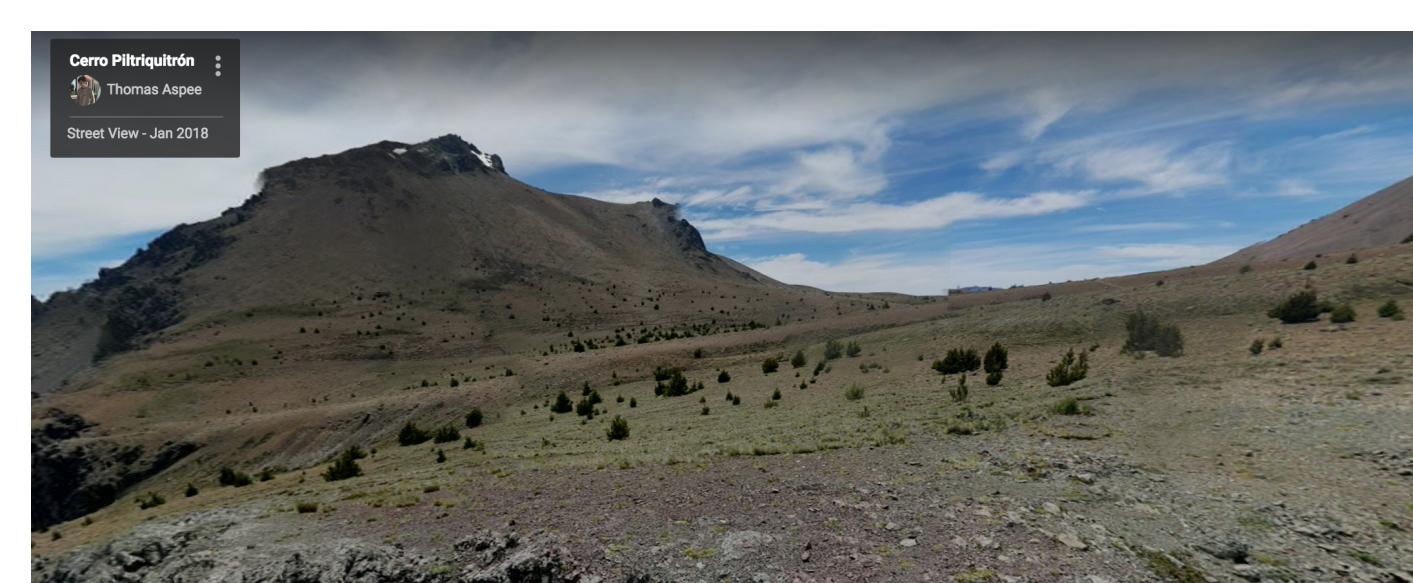


Figure 2: Study site

## Key Questions

- Is there a congruent change on plant-microbial interactions across distinct trophic groups?
- How distinct is the structure of interactions among trophic communities?
- How to link up our findings to other environments?

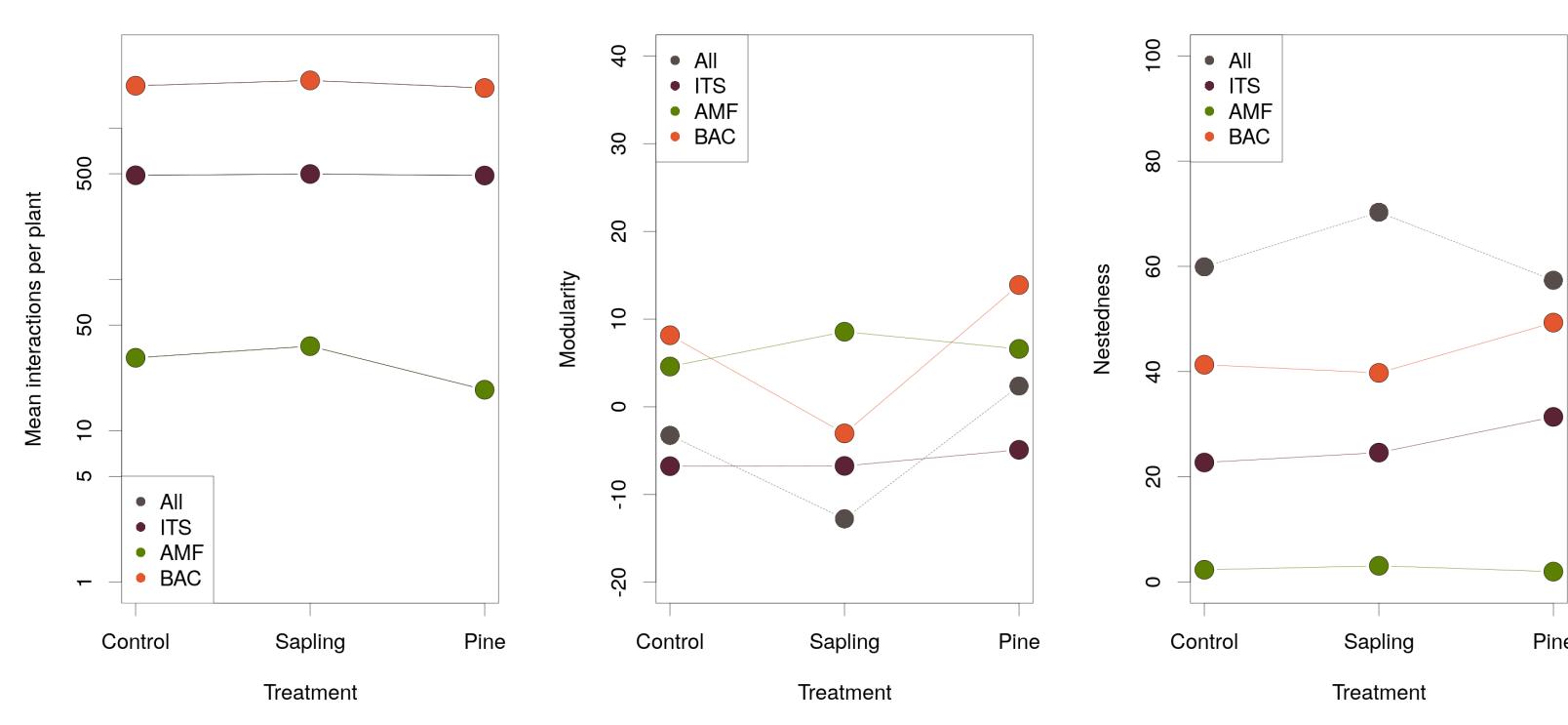


Figure 3: Network structure across trophic groups

## Future work

- Partitioning variance
- Finer taxonomic resolution
- Functional aspects of interactions

## References

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