

# Shared Conclusions

Balance Trees Reveal Microbial Niche Differentiation

A phylogenetic transform enhances analysis of compositional microbiota data

- The same approach to overcome the shortcomings of the compositional space is shared between the papers.
- That approach is modular and simple in its nature.
- Promising biological insights were shown in both of the papers.
- Each paper is cited by dozens of other recent papers in the field of compositional microbiota data analysis.

# Shared Discussion

Balance Trees Reveal Microbial Niche Differentiation

A phylogenetic transform enhances analysis of compositional microbiota data

- We've seen two types of trees - phylogenetic and hierarchical clustering of environment variable. What other trees may be effective?
- How does the topology of a tree effect the transformation?
- There was no benchmark against existing tools in the first paper, does it make sense?
- Two very similar papers were published at approximately the same time. How did it happen?