Functional Group / taxon / individual number | site

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Functional group = between all individuals between each functional group

Taxon = between individuals within functional groups

Individuals = between individuals within taxon within functional groups

Unexplained = error + leaf within individuals within taxon within functional groups

Site = between all individuals by site

Group – Sonya, Jon, Miguel, Mickey, and TL with Jonathan helping with visualization

Next Steps:

**Site:** How to treat the "site" variable in the hierarchical variance structure. Currently we have site on it's own, with will give us how much variation is related to site, regardless of any other structure. But, it seems like we could also potentially include site as a variable nested between taxon and individual as a sort of population level (how much variation is related to all the individuals of a species at a given elevation), but we are not sure whether that makes sense or is possible.

**Plot\_ID:** Could also include plot\_id under site

**All Traits:** want to do this analysis for all species in the plots to really get at the between taxon and functional group variance

The equation needs to be the same for the all traits analysis for comparison

Keep site where it is! To keep the equation the same for the all traits analysis. Maybe add in plot

Chart, bar chart

Description automatically generated