1st option:

* Use all the continuous variables, and seasons as a categorical variable.
  + That will tell us if there is a difference between the seasons?
  + The coefficients are the differences between the means for a particular season
* We can look if there are seasonal trends and use the method for that.

How much correlation is too much? Mote than 0.7. Paulsen Lect13.

Should we consider interactions? Don’t think so.

Model selection using Kateri’s way

Do we have blocks? Maybe season is a block? But we care about season so fixed effects should be the model to use. We decided to use Level III Ecoregions to account for spatial correlation (mixed effects model).

Elevation is always a variable than can be used.

In HW2 we did a linear model for each month (season)

Lab 3. Look for seasonal patterns. Quantiles per season.