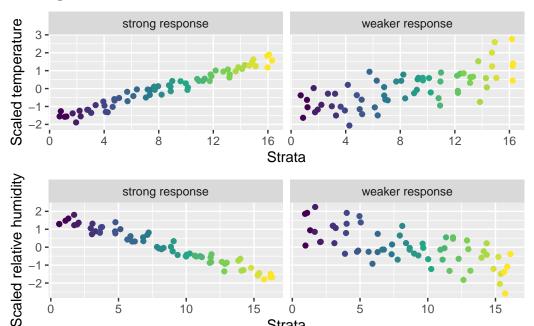# Katahdin power analysis

Relationship between strata and climate variables

We will consider two climate variables: temperature (`tmp`) and relative humidity (`rh`). There are 16 strata and we will investigate two different scenarios:

1. `tmp` and `rh` have strong linear responses to strata
2. `tmp` and `rh` have weaker linear responses to strata

The scenario of no linear response is unlikely given that strata were choosen to represent meaningful climatic variation.