What is good enough?
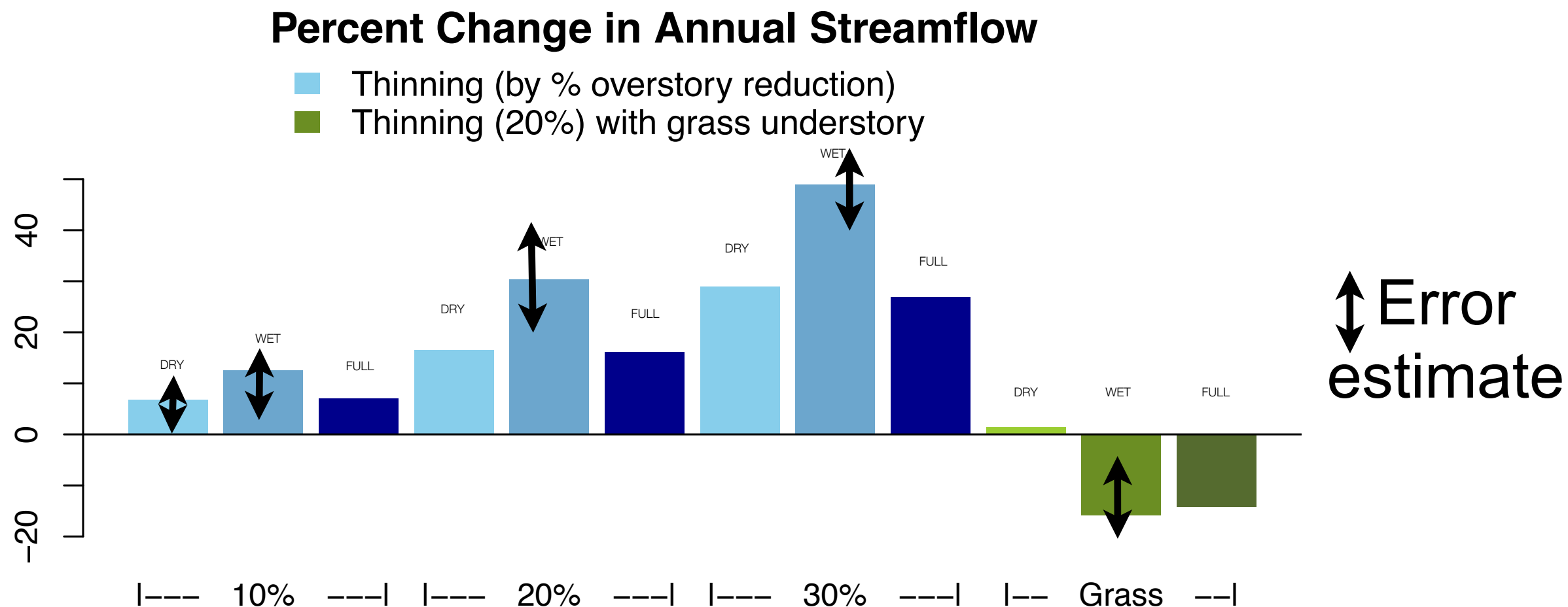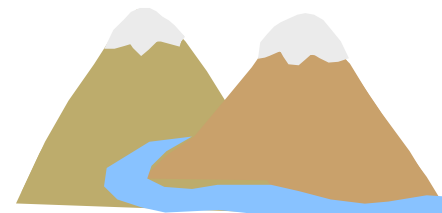
Errors/uncertainty is small relative to simulated effect of change or process of interest

Percent Change in Annual Streamflow

- Thinning (by % overstory reduction)
- Thinning (20%) with grass understory

adapted from Dugger et al., 2013

Could a grass understory impact how streamflow changes with overstory reduction (thinning)?

Information content of observations:

What you try to get "right" depends on the processes that the parameters influence and your use of the model

Overland flow/macropore parameters or flooding

Peak flows

Recession Characteristics

Low Flows

Ecological flows:

subsurface storage/ drainage parameters

Streamflow (mm/day)

1961   1962   1963   19

Date