

Model Selection

Is model structure **APPROPRIATE**

Is model performance **GOOD ENOUGH**

**Then pick the simplest model that accounts
for your processes of interest**

Model Selection 1

Does it represent the processes that you are interested in:

- outputs (e.g. streamflow, ET, N-export, forest water use)
- temporal and spatial resolution appropriate for the questions you are asking
- does it account for the mechanisms that are likely to be important in the questions you are asking - (conceptual model)

Is it APPROPRIATE

**Then pick the simplest model that accounts
for your processes of interest**