

# Vegetation Vulnerability Assessment

## Appendix: Vulnerability by vegetation type

Prepared by Morgan Gray, Ph.D.

Pepperwood

October 2020

The percent change was predicted for each vegetation type across the four types of future scenarios

...for each of the 5 Landscape Units

Each vegetation type was represented as a set of five *four squares*:

Mixed Montane Chaparral

San Francisco



Santa Clara Valley



Santa Cruz Mountains



Santa Cruz



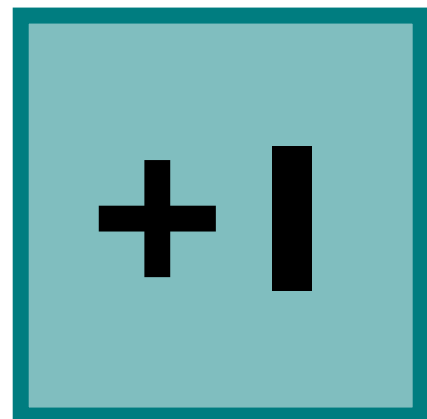
Sierra Azul



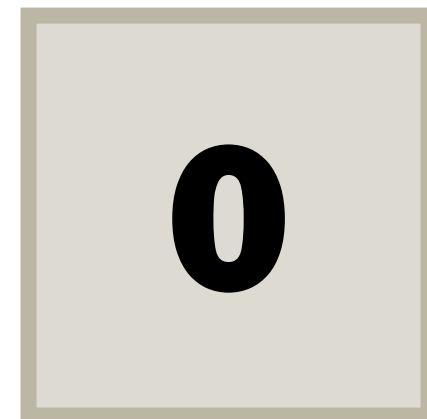
Predictions were summarized by Landscape Unit to identify trends across the future scenarios

First, each response was scored by category:

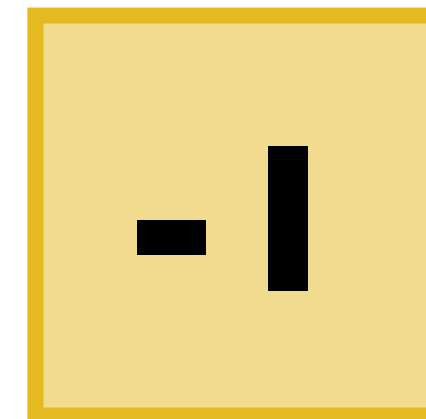
Increase



Relatively  
Stable



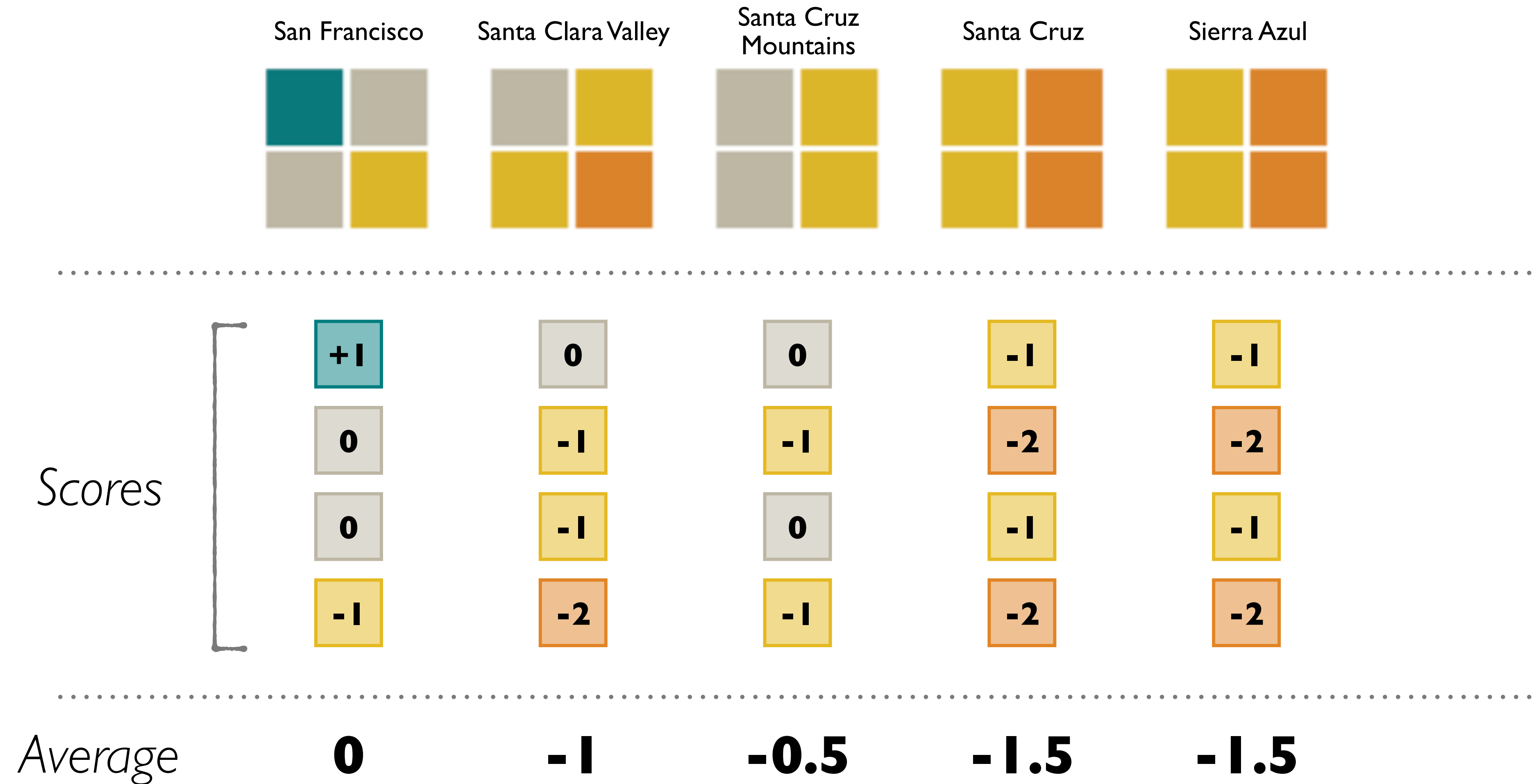
Moderate  
Decline



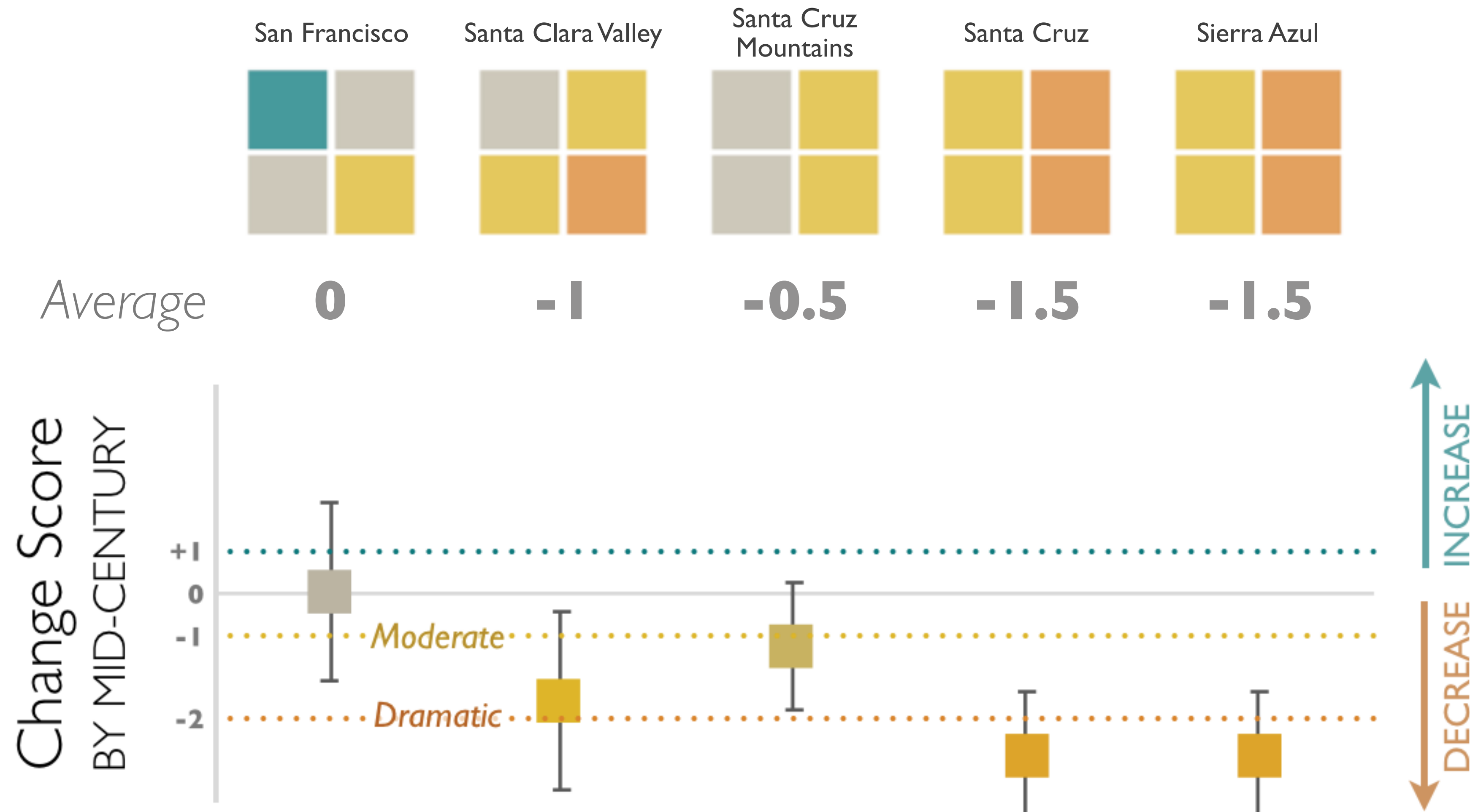
Dramatic  
Decline



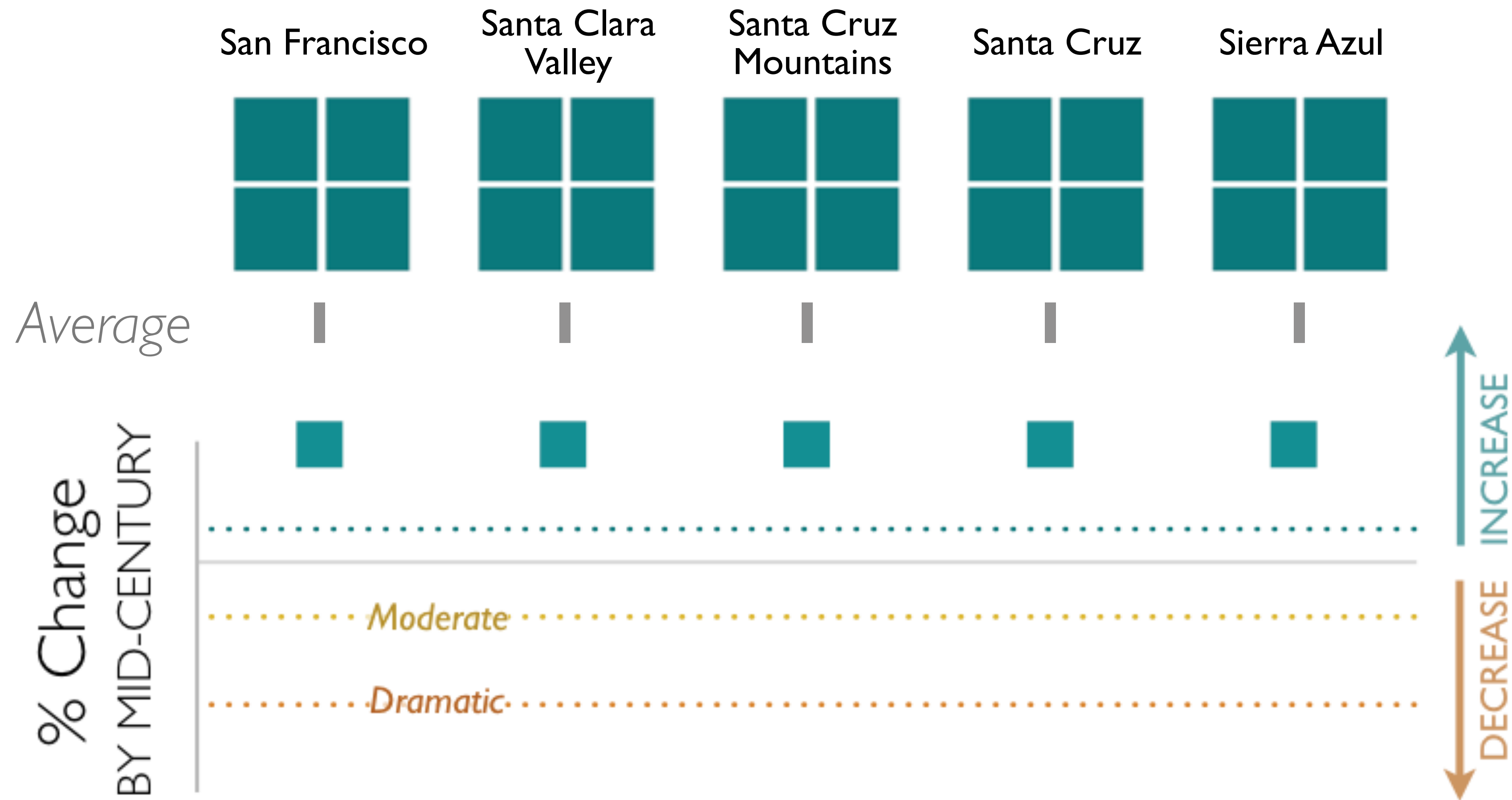
The average response was calculated for each Landscape Unit



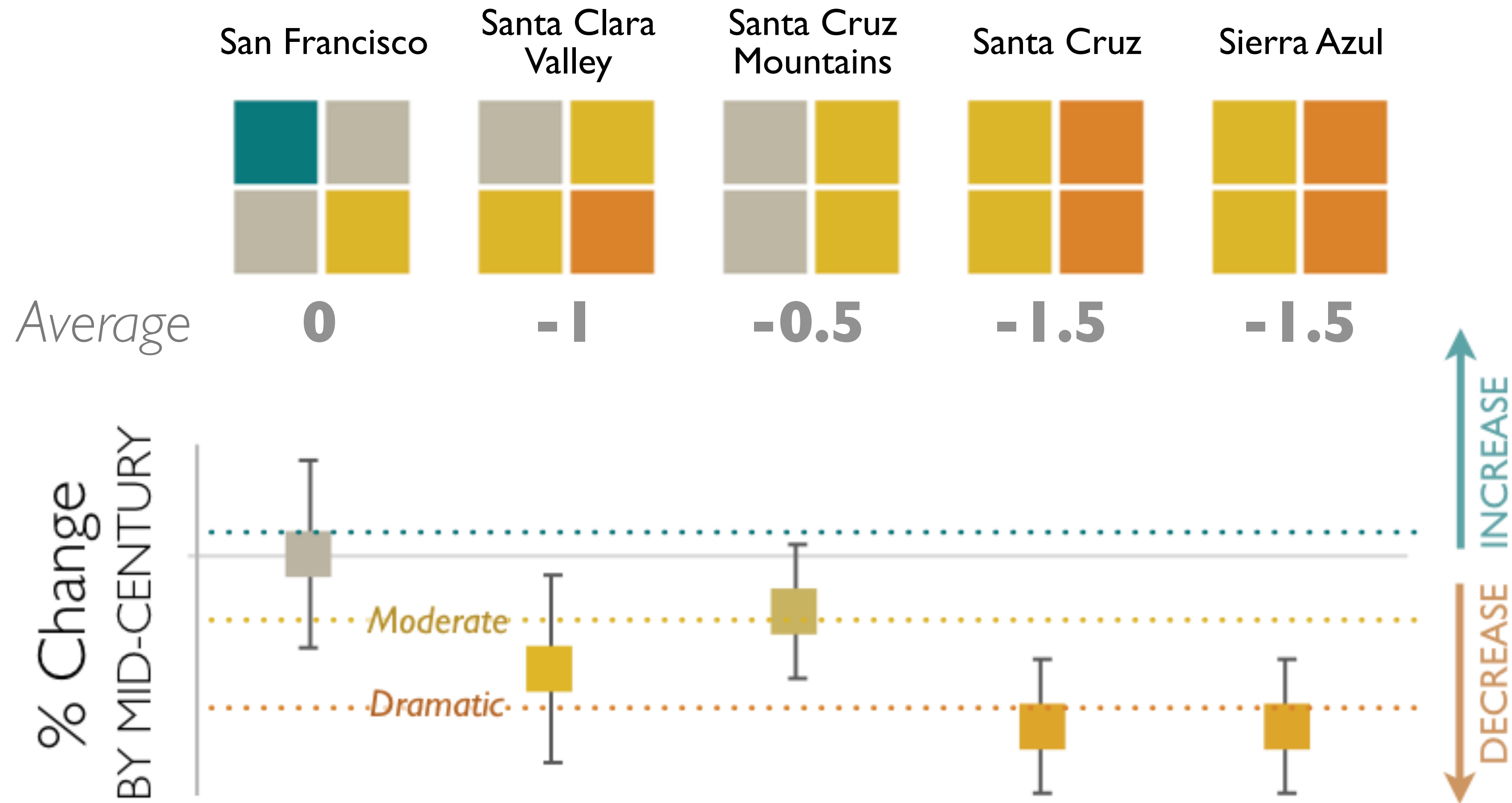
The average values were visualized as a box and whiskers plot



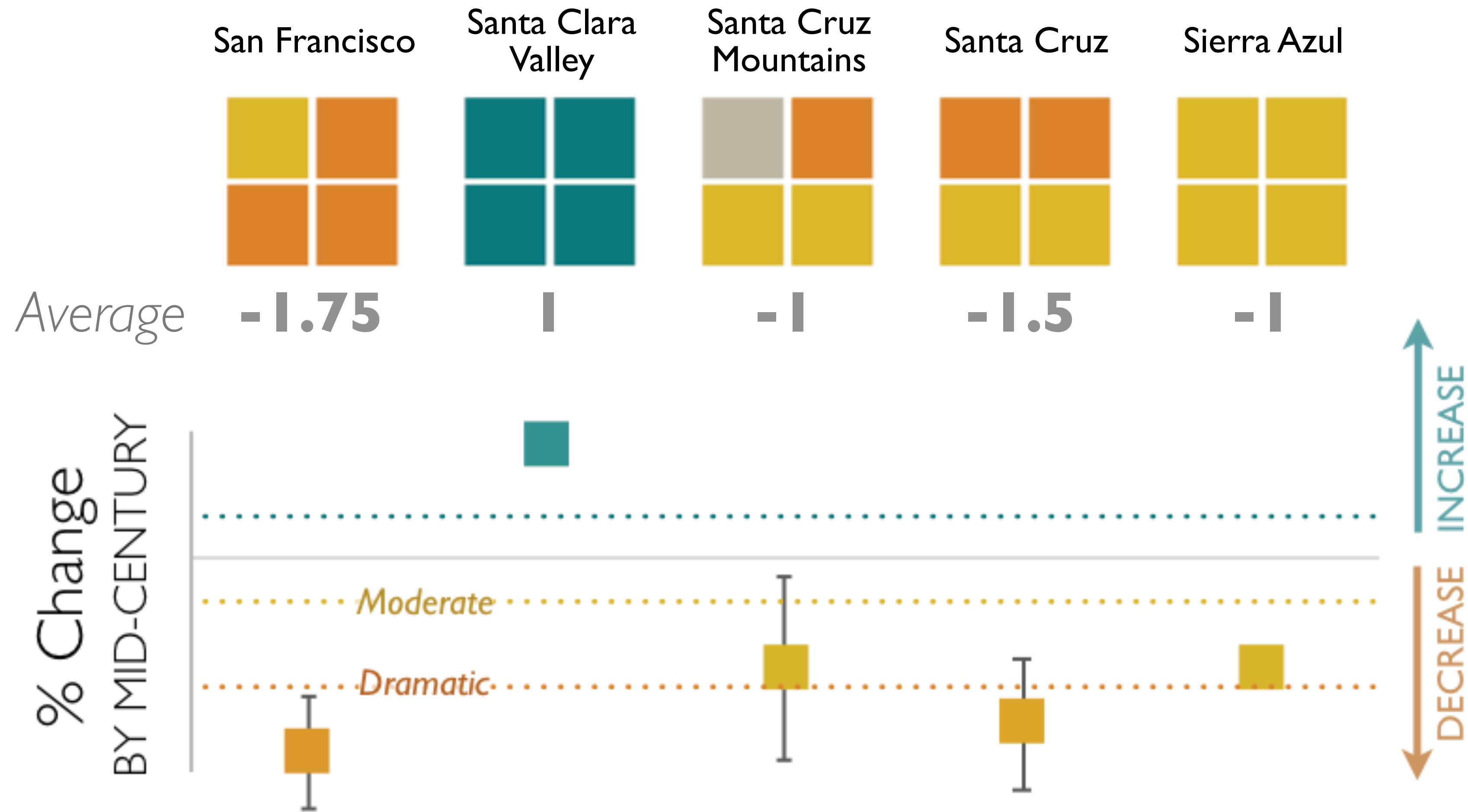
# Chamise Chaparral



# Mixed Montane Chaparral

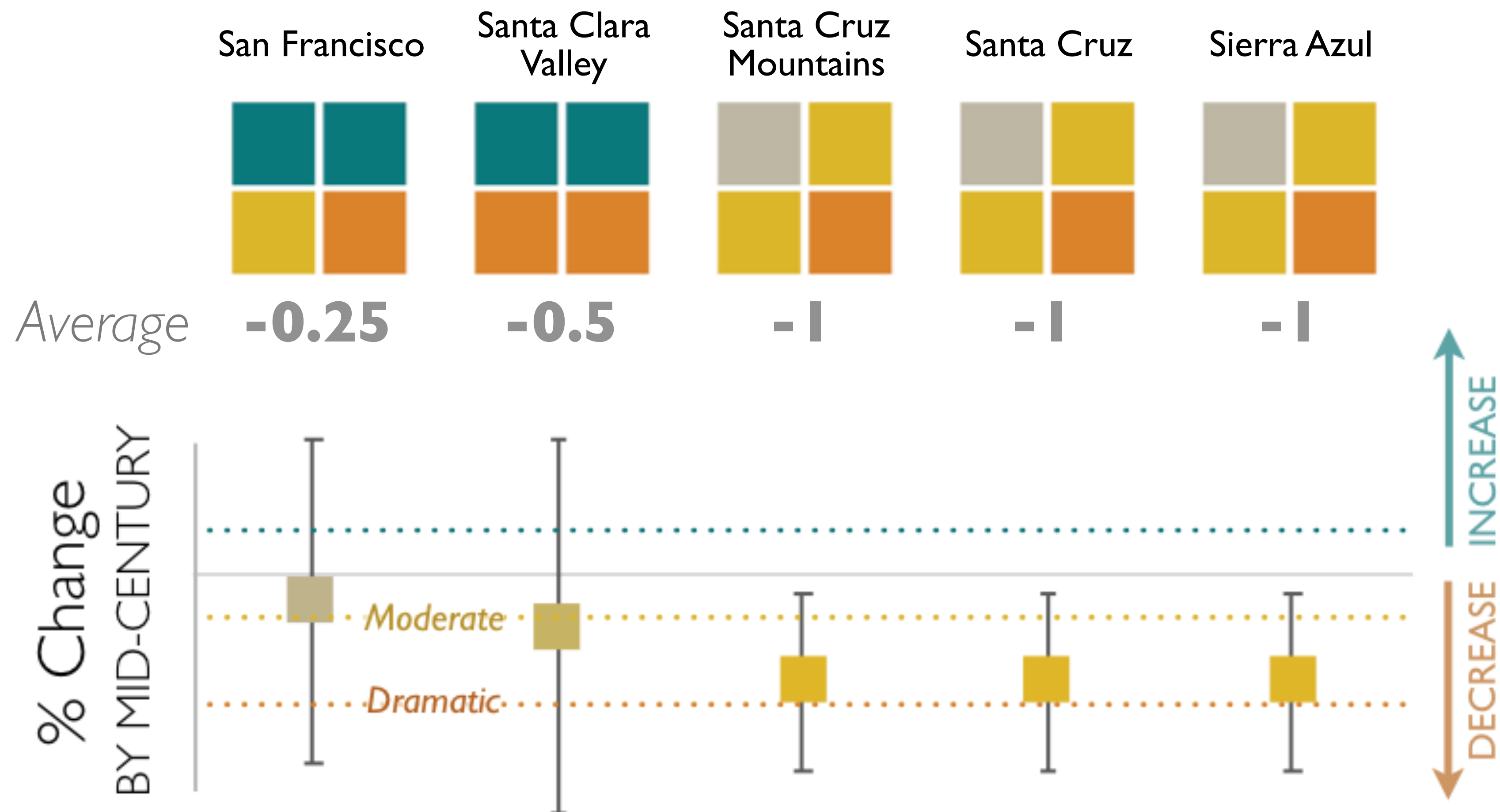


# Mixed Chaparral

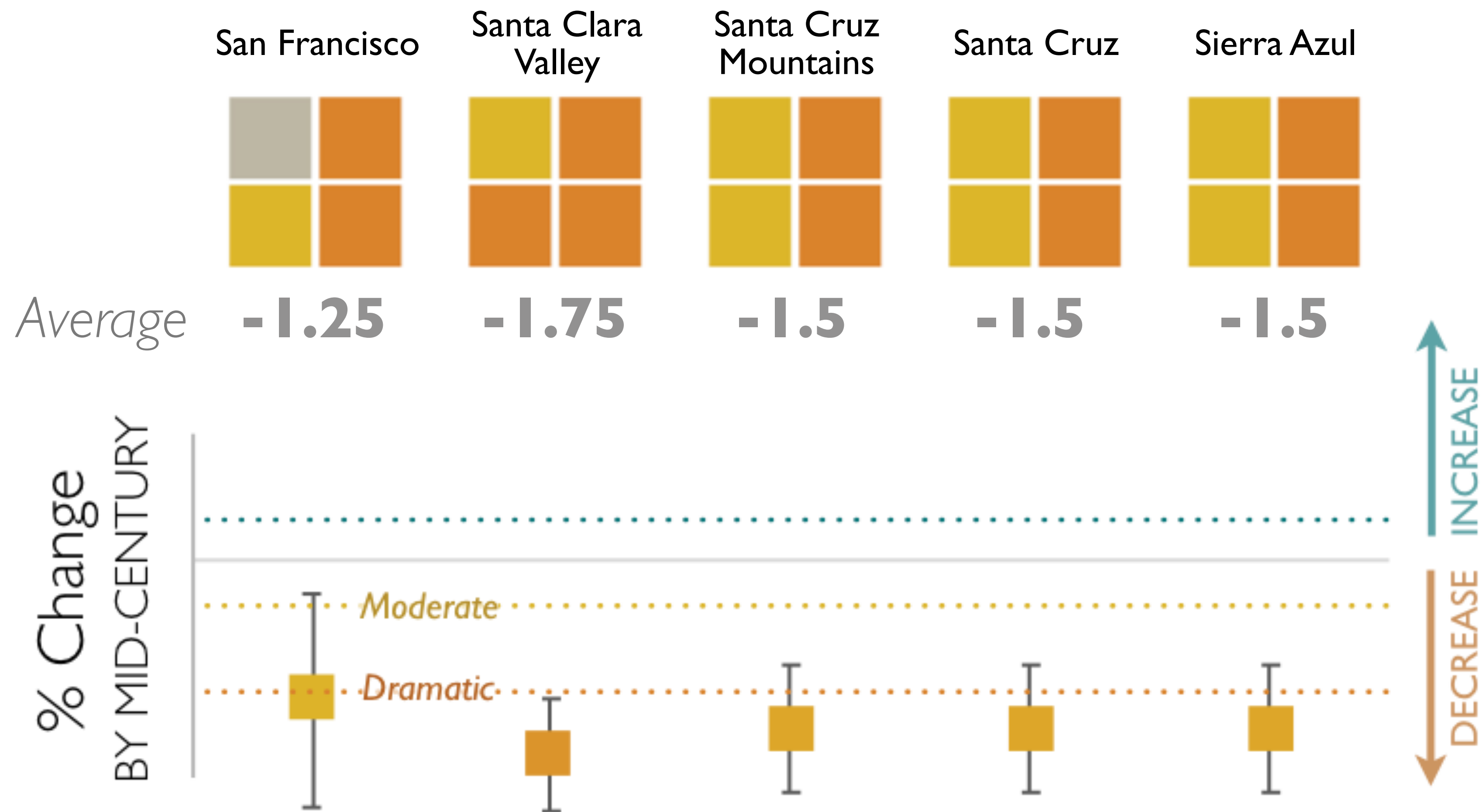




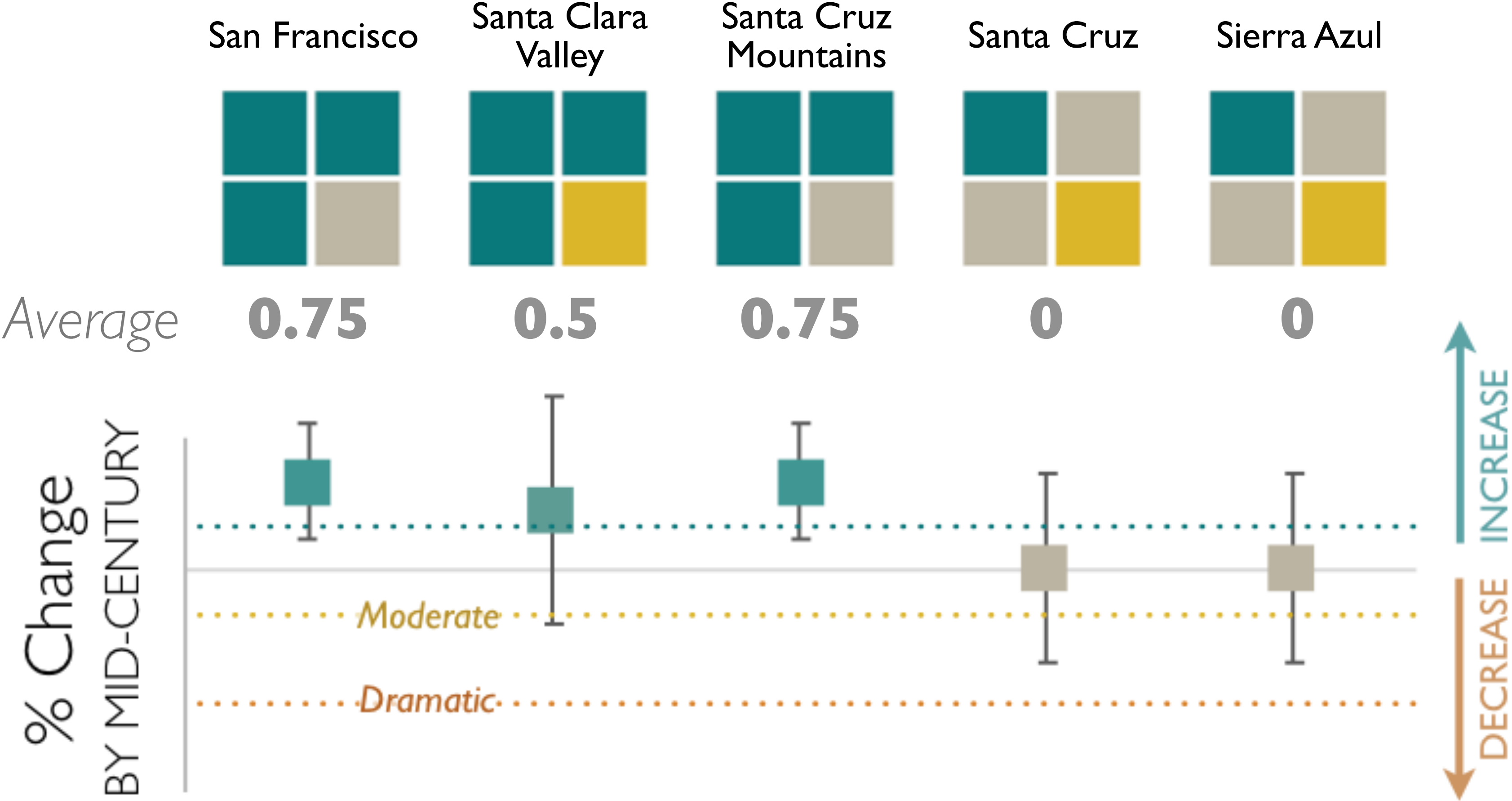
# Redwood Forest



# Coastal Scrub

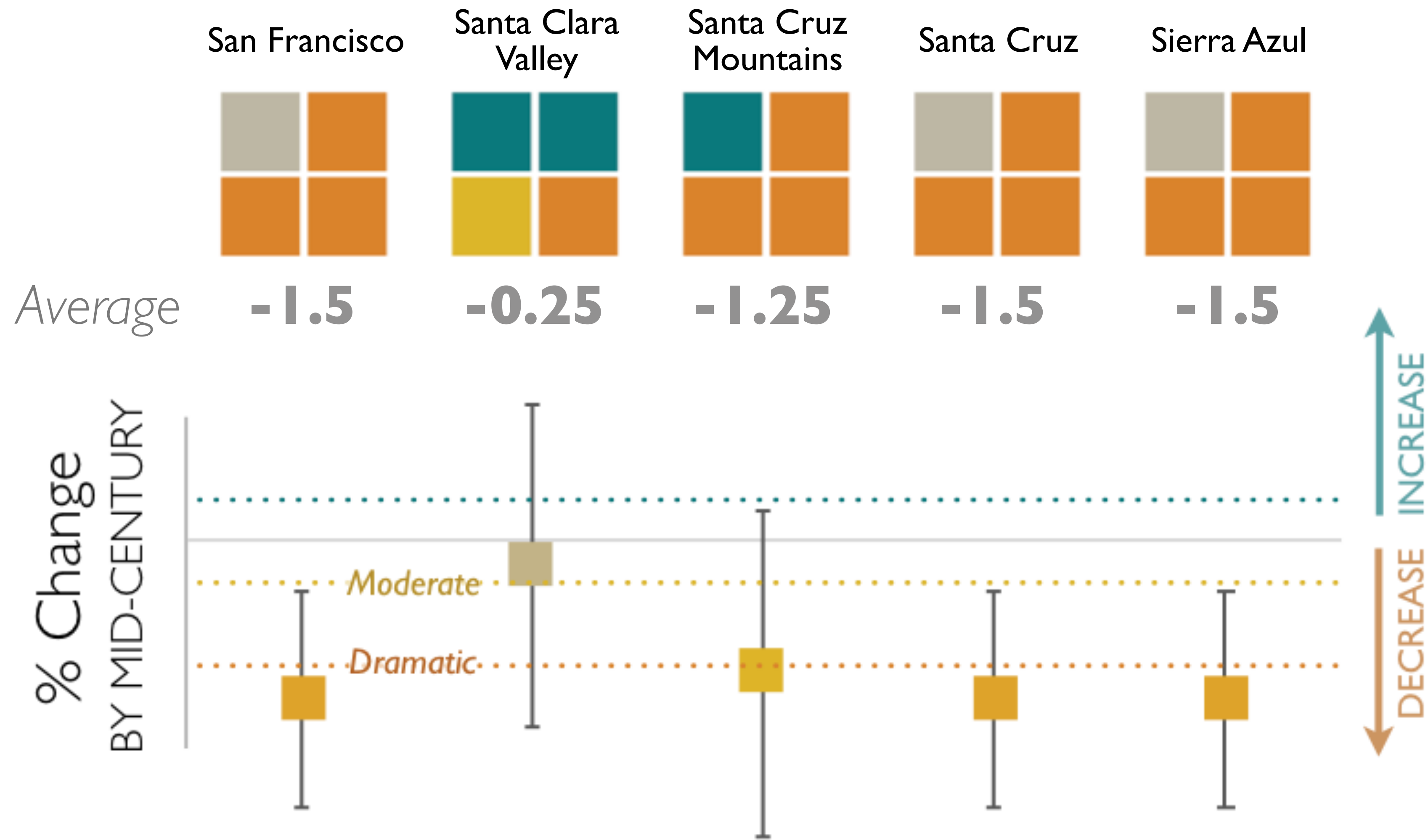


# Douglas Fir Forest



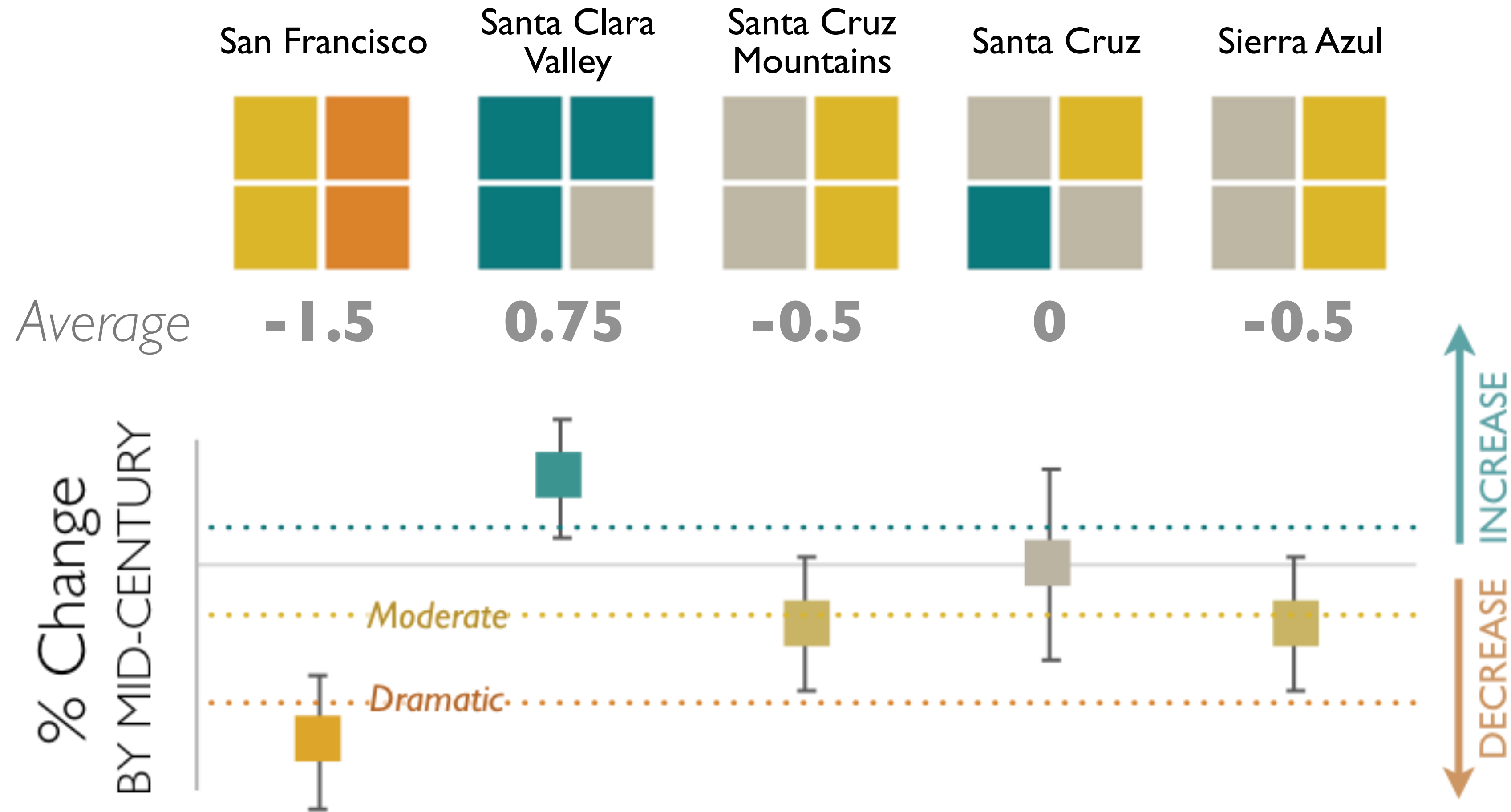
Evergreen & Hardwood

# Tanoak Forest



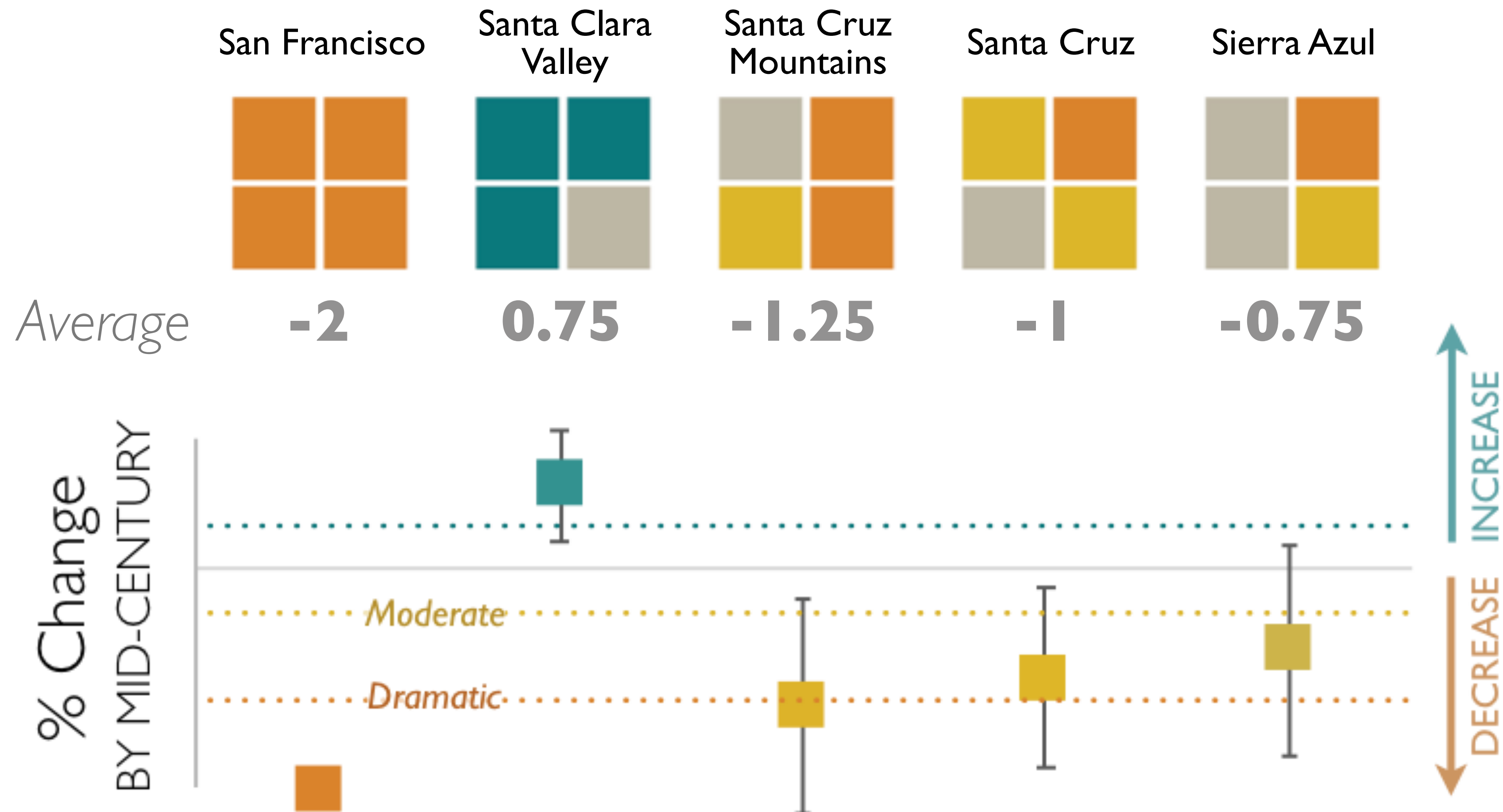
Evergreen & Hardwood

# Montane Hardwood

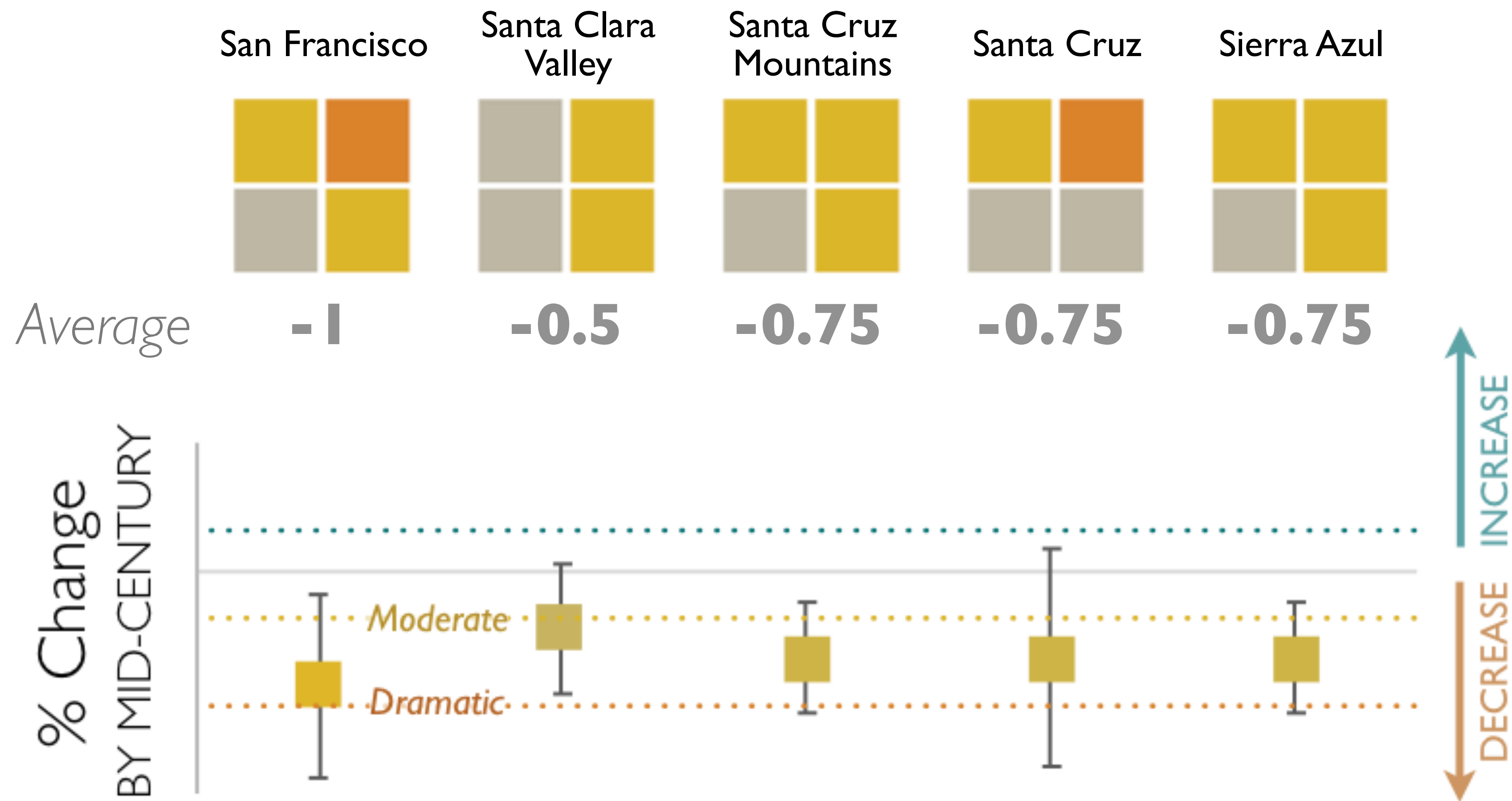


Evergreen & Hardwood

# California Bay Forest

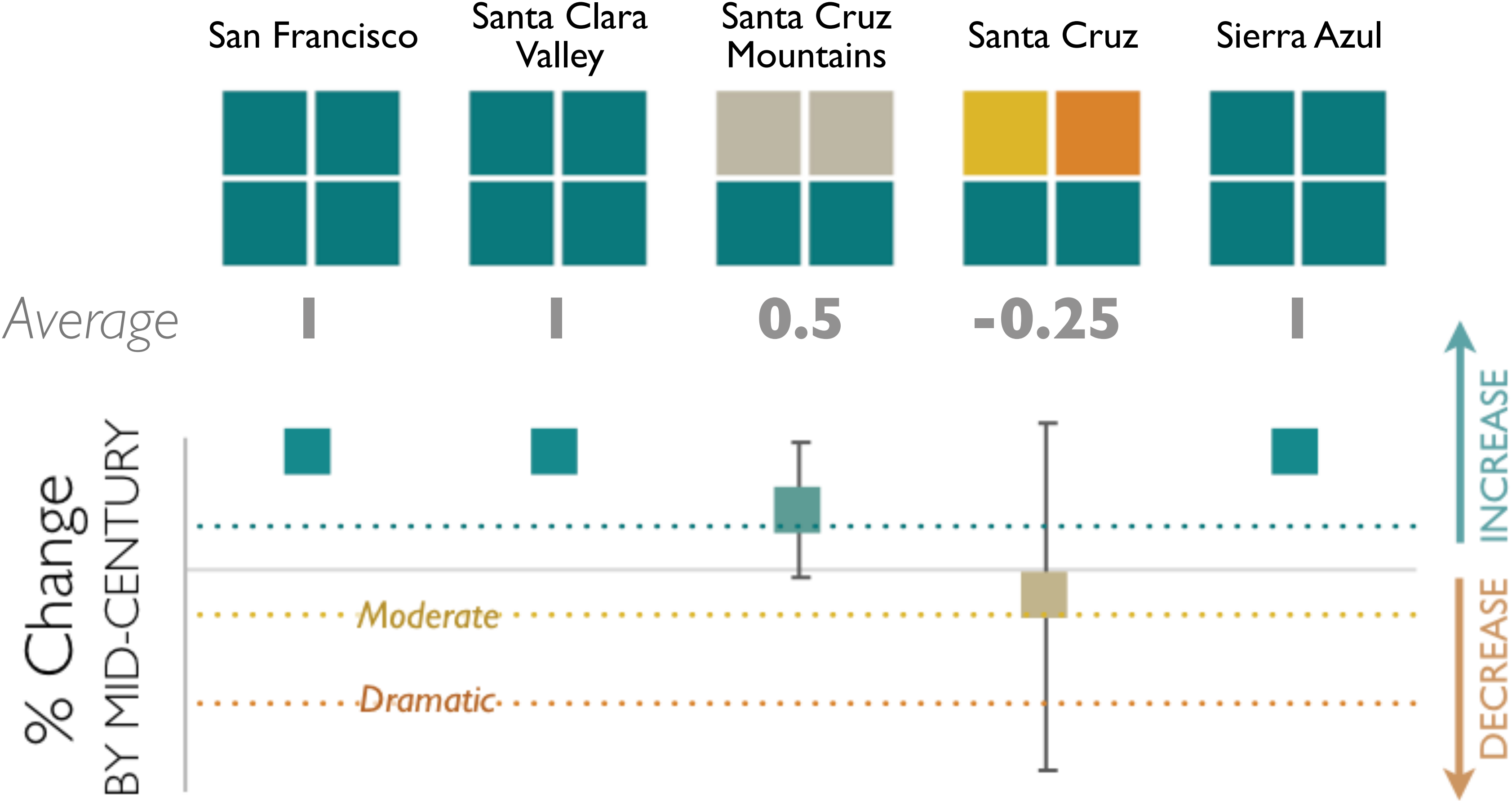


# Mixed Grasslands



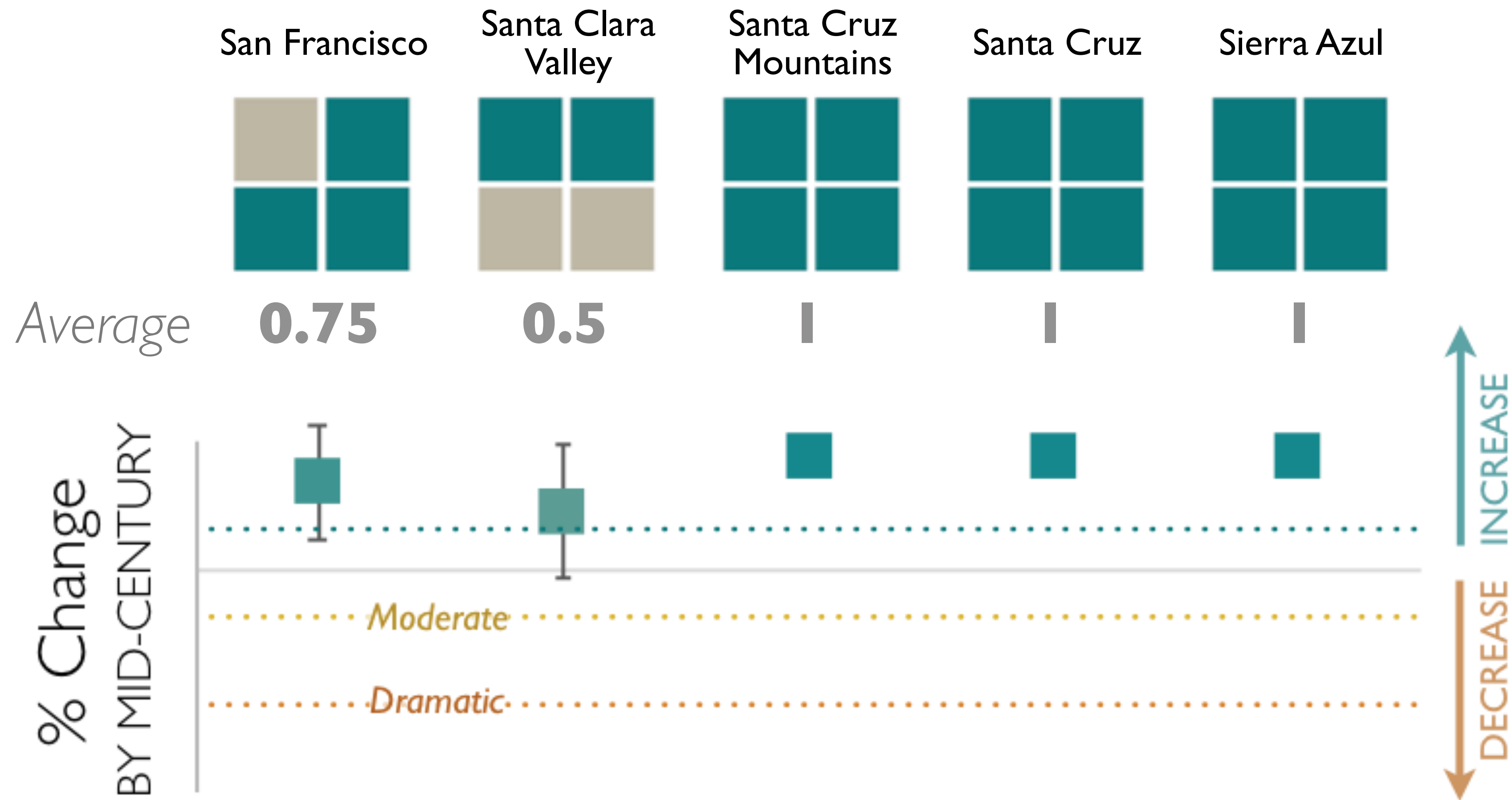


# Blue Oak Forest / Woodland

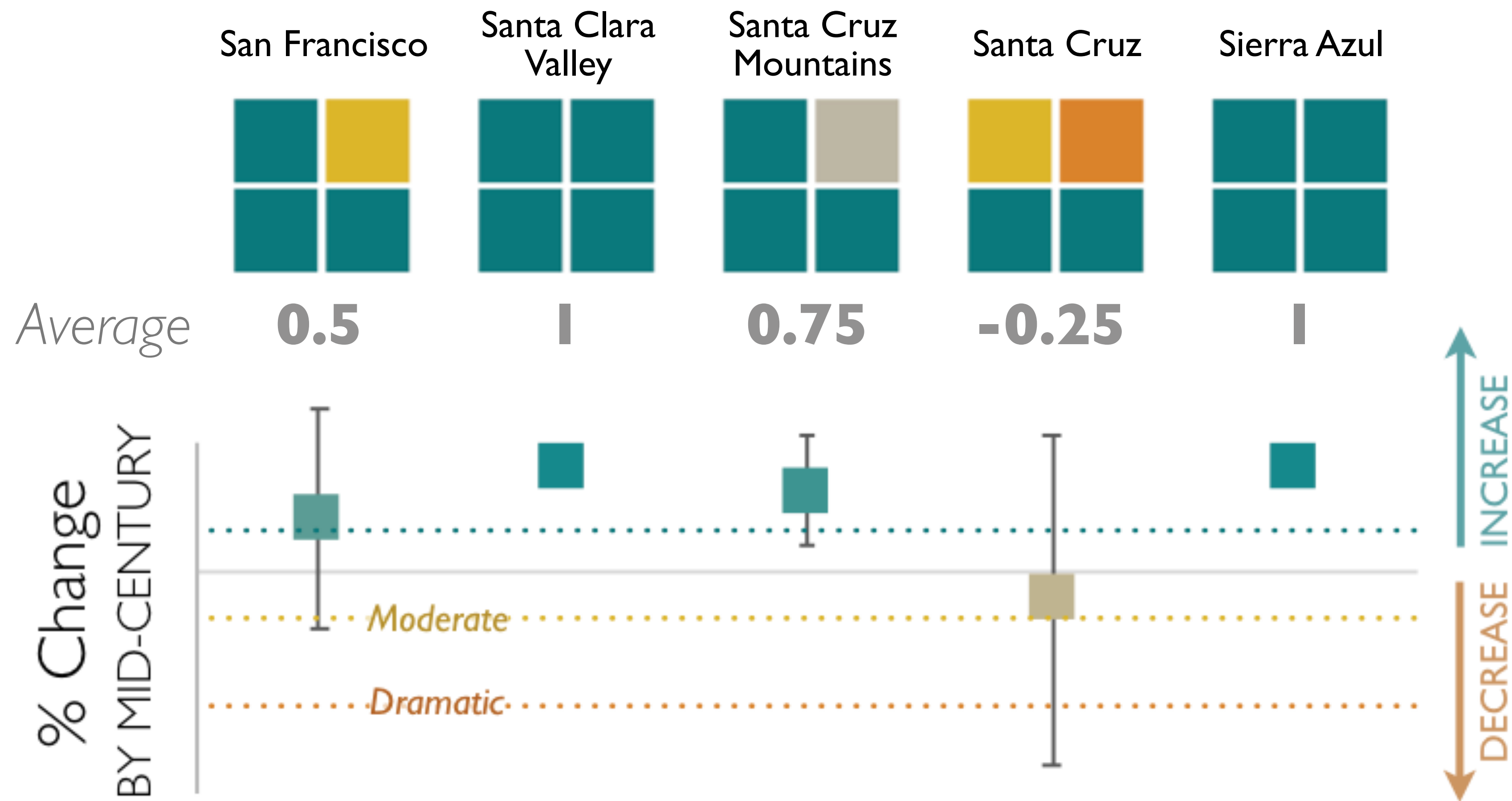




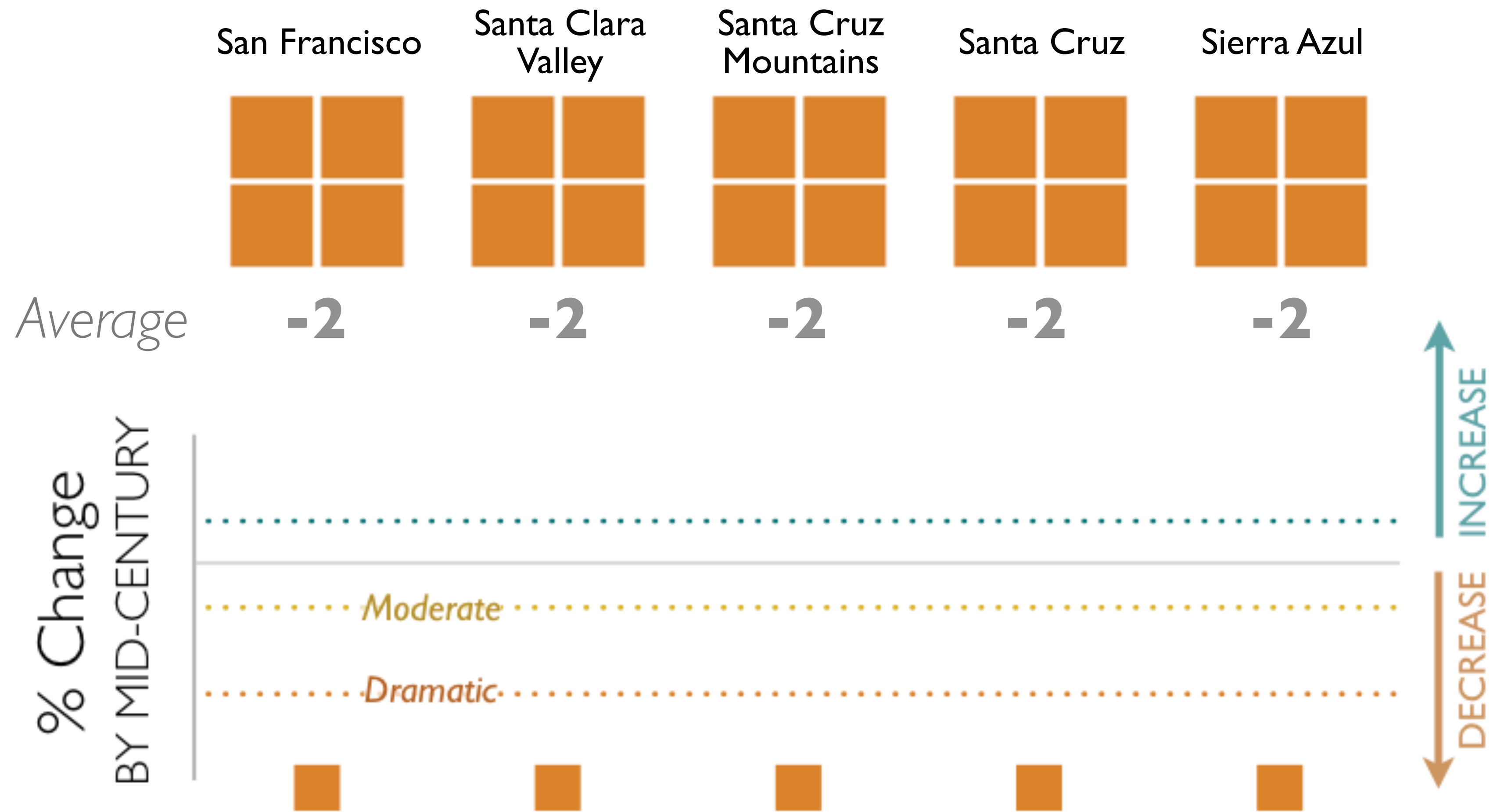
# Valley Oak Forest / Woodland



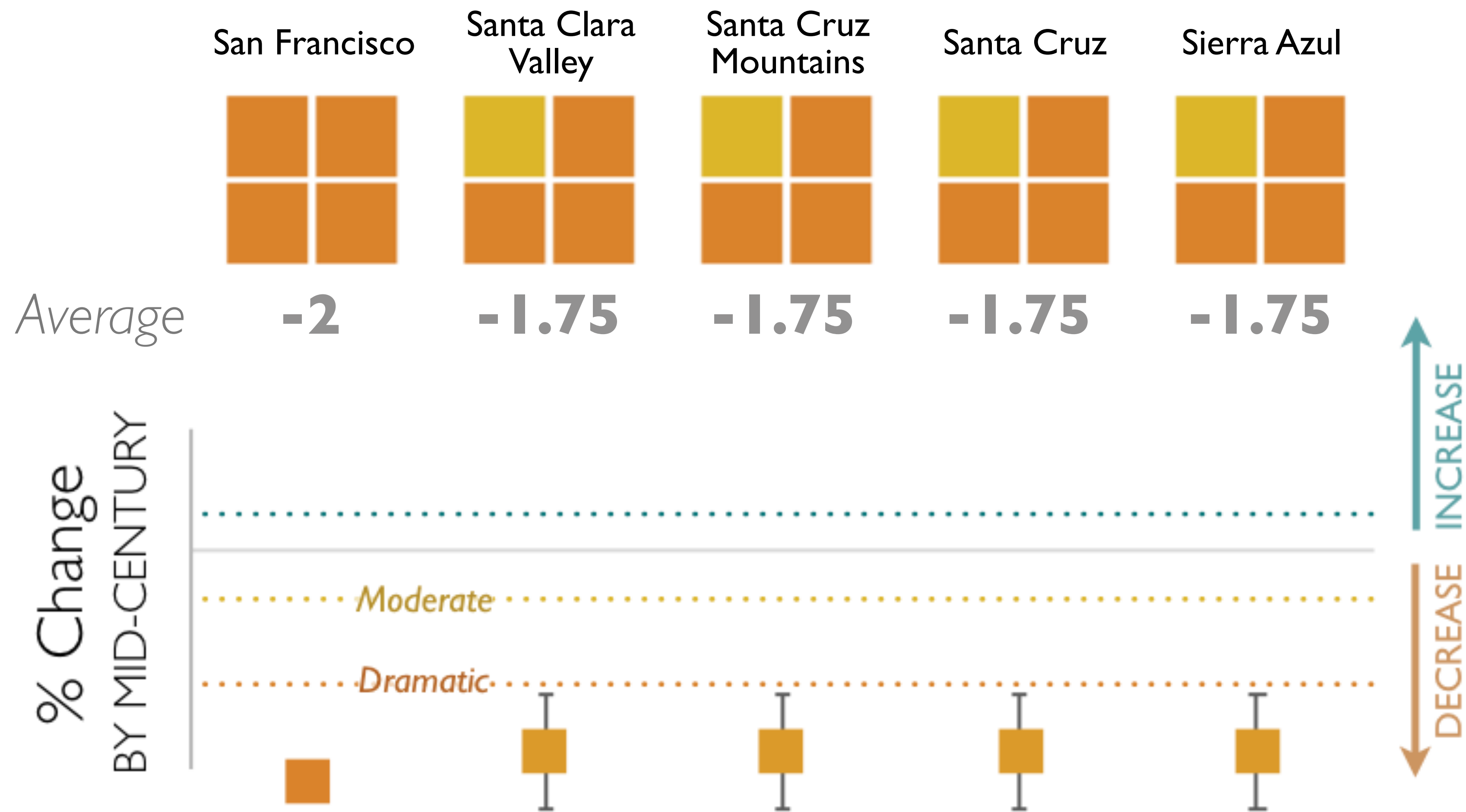
# Interior Live Oak Forest / Woodland



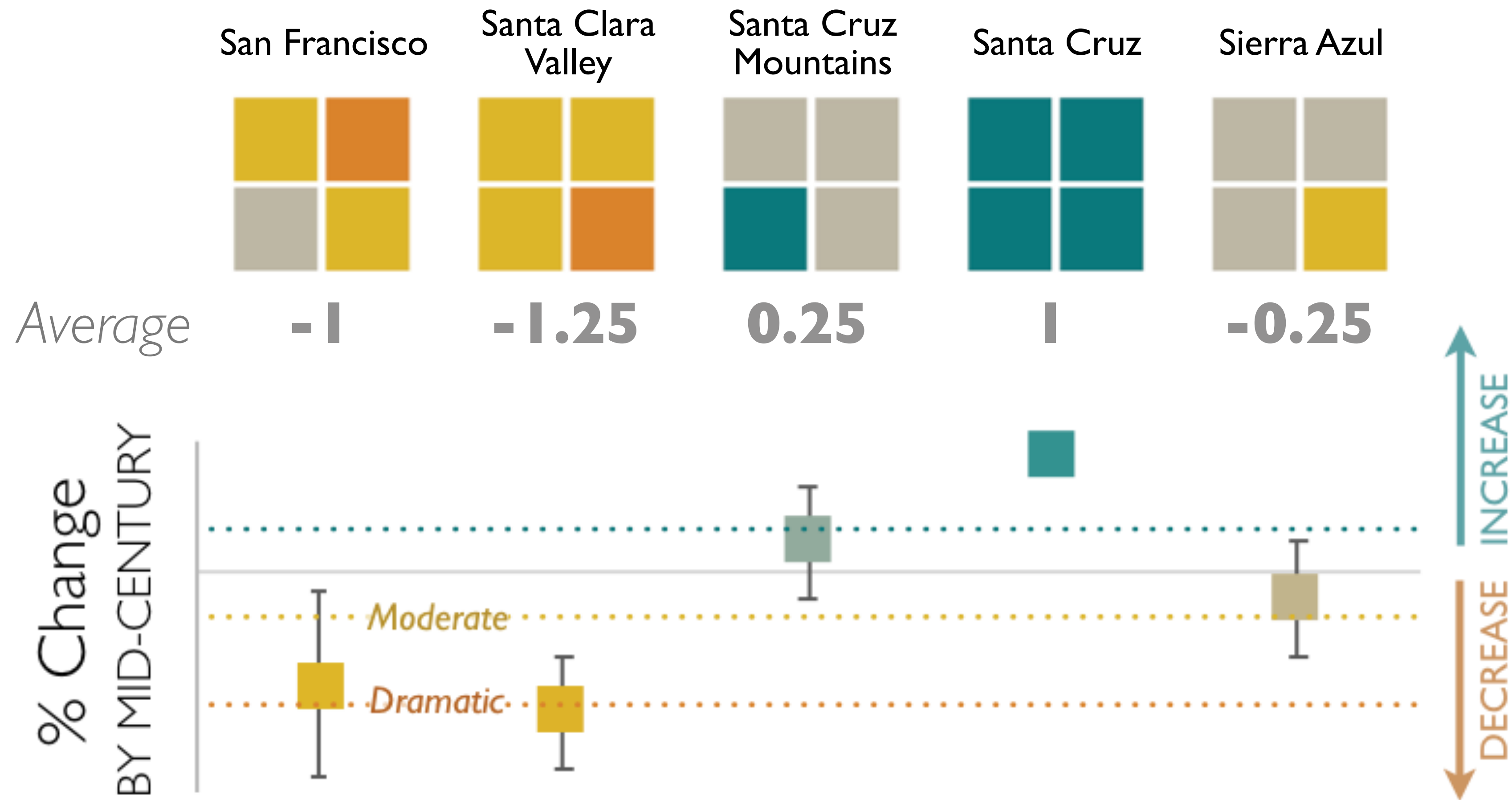
# Canyon Live Oak Forest



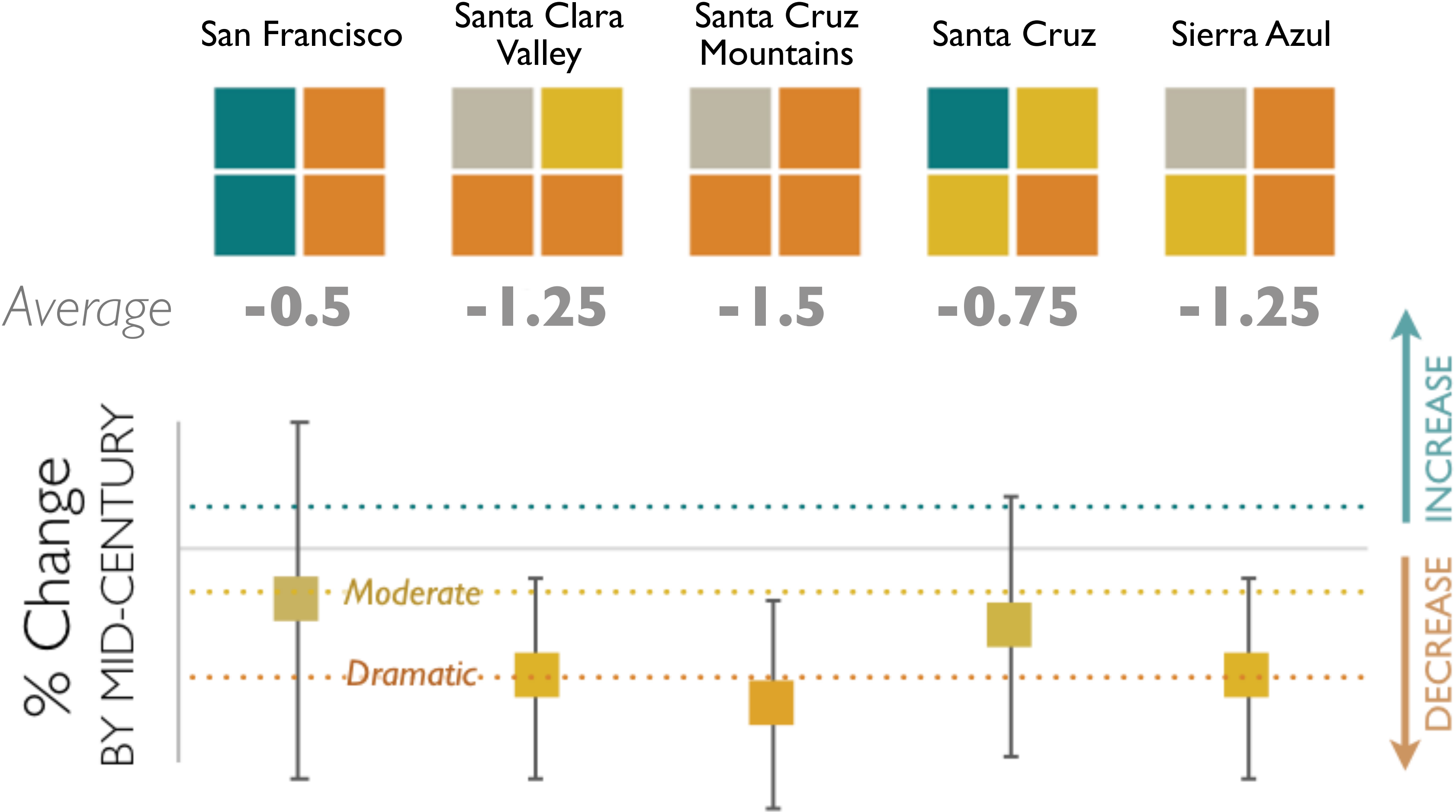
# Black Oak Forest / Woodland



# Coast Live Oak Forest / Woodland



# Oregon Oak Woodland



# Blue Oak / Foothill Pine Woodland

