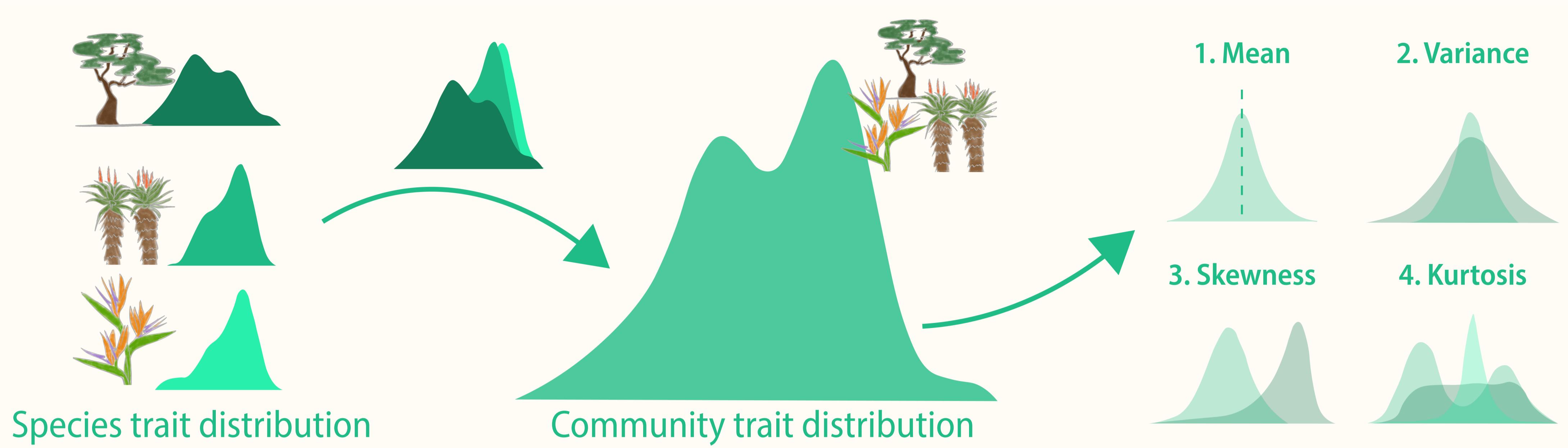


FREQUENCY DISTRIBUTION

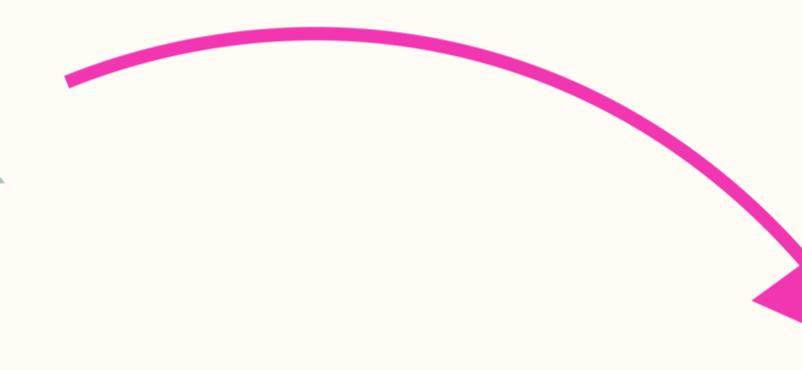
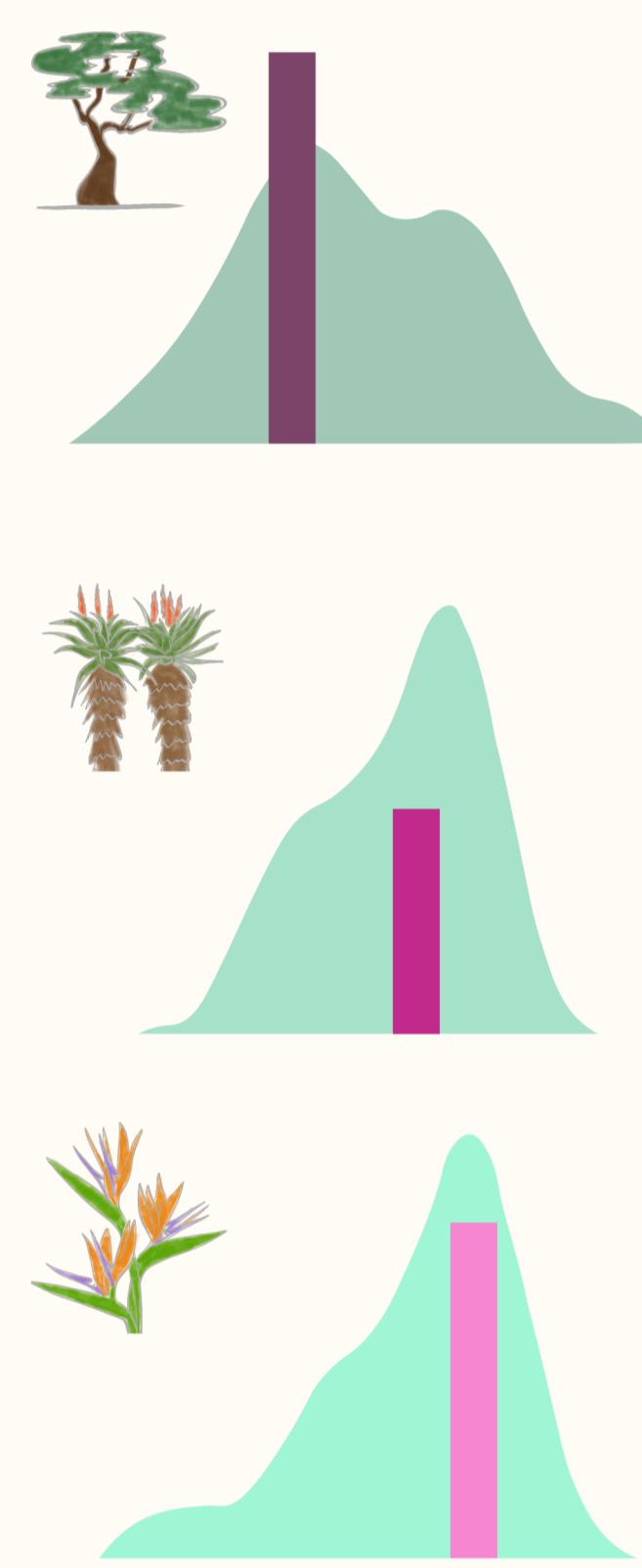


Species level

Community level

Moments

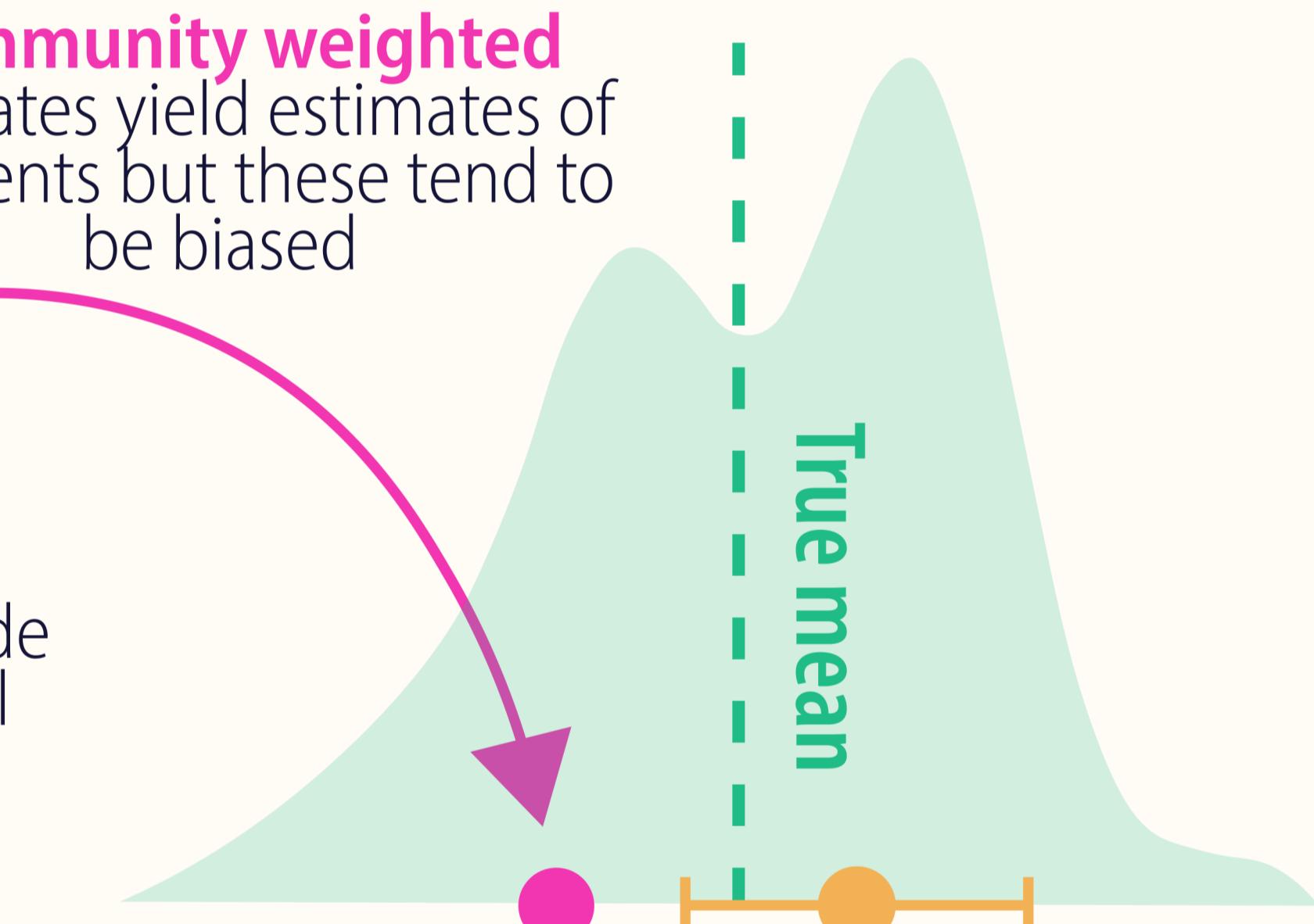
COMMUNITY WEIGHTED MOMENTS



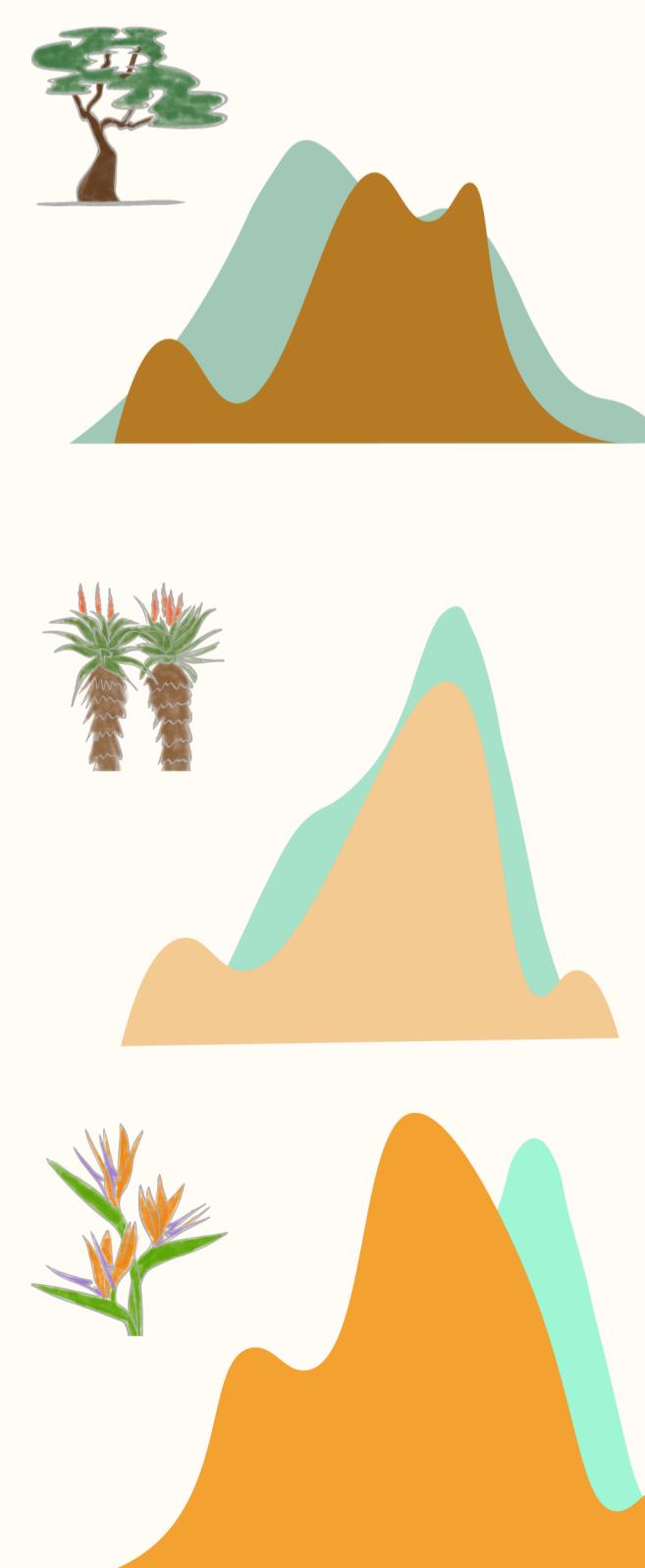
Community weighted estimates are crude resulting in 'gaps' and don't reflect the full distribution



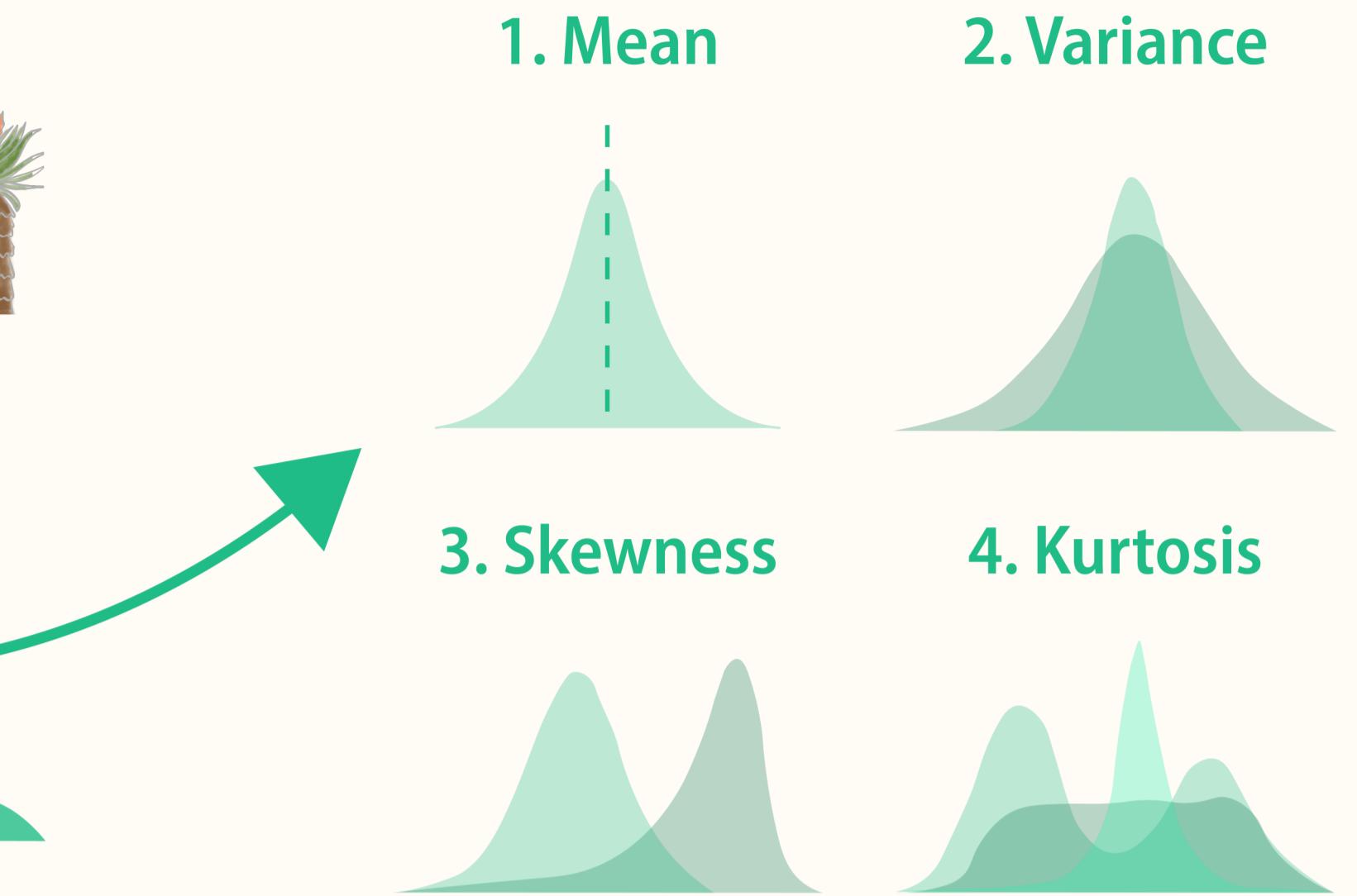
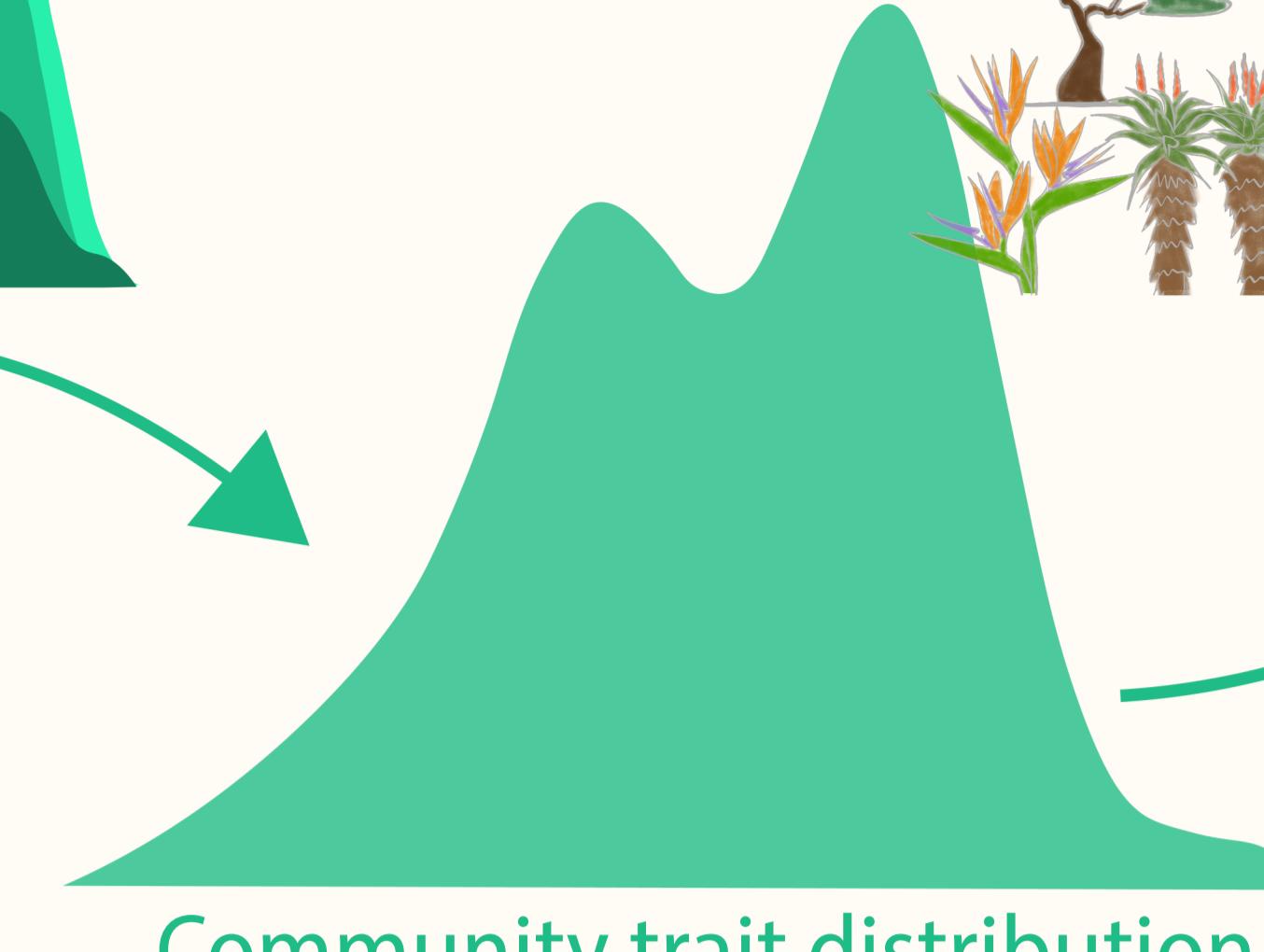
Community weighted estimates yield estimates of moments but these tend to be biased



BOOTSTRAPPED MOMENTS



Bootstrapping can be used to resample individuals to simulate variation at various taxonomic levels.



Bootstrapping yields more accurate moments as well as calculating *confidence intervals*