Pattern

Strength of the filter

No filtering

species or Community

frequency
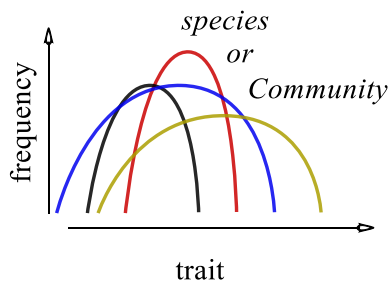
trait

No strength

Internal filtering

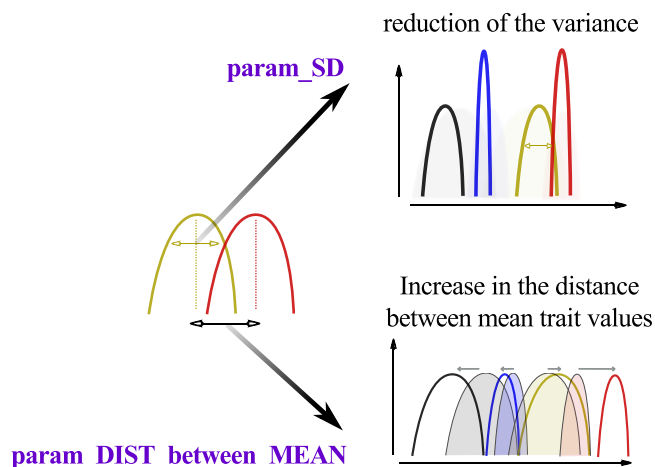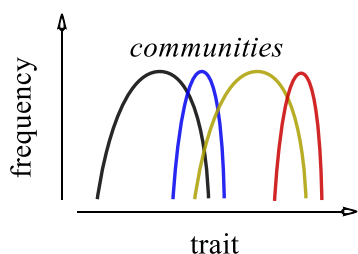*species*

frequency
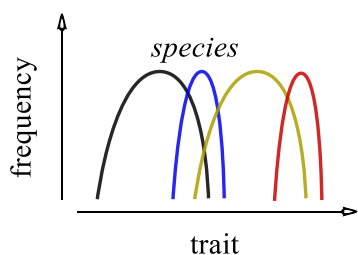
trait

A severe internal filtering is expressed by little overlap between species' trait distributions.

param_SD

reduction of the variance

Increase in the distance between mean trait values

param_DIST_between_MEAN

External filtering

communities

frequency

trait

A severe external filtering is expressed by little overlap between communities' trait distributions.

param_SD

reduction of the variance

Increase in the distance between mean trait values

param_range
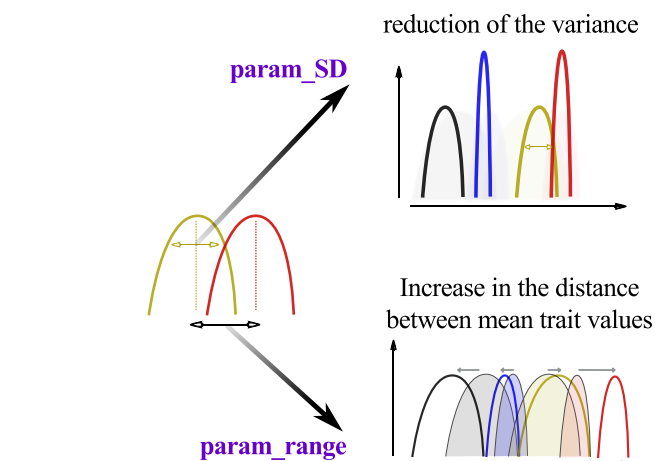
Internal + External filtering

species

frequency

trait

communities

frequency

trait

Internal filtering

+

Community 1

Community 2

Community 3

Community 4

External filtering

same parameters for both filtering

param_SD

param_range