Pattern

Strength of filter

No filtering

species or Community

frequency
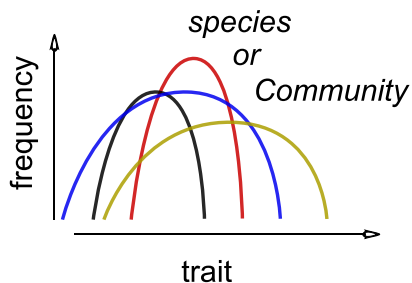
trait

No strength

Internal filtering

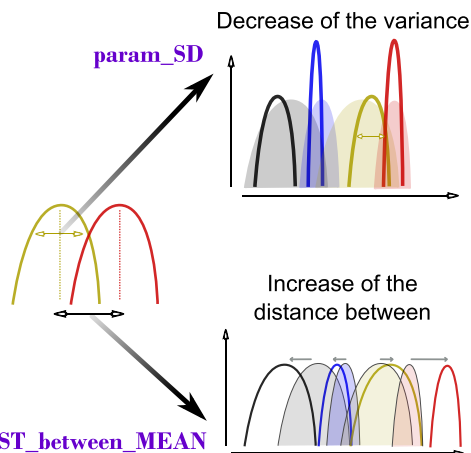*species*

frequency
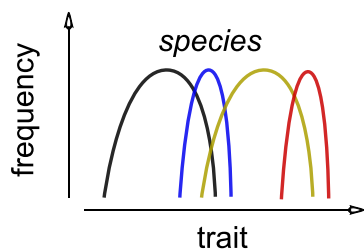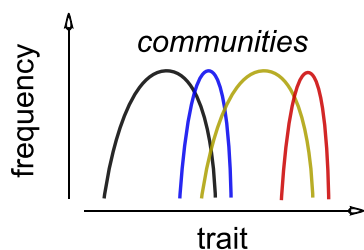
trait

A high strength of internal filtering is obtain for a low overlap between species traits distributions.

Decrease of the variance

param_SD

Increase of the distance between

param_DIST_between_MEAN

External filtering

communities

frequency

trait

A high strength of external filtering is obtain for a low overlap between communities traits distributions.

Decrease of the variance

param_SD

Increase of the distance between

param_range
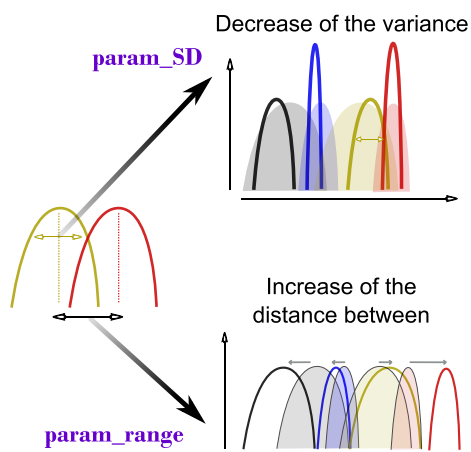
Internal + External filtering

species

frequency

trait

communities

frequency

trait

Internal filtering

external filtering

Community 1

Community 2

Community 3

Community 4

same parameters
param_SD
param_range