

Code data access

Big Data

Interactions

Update

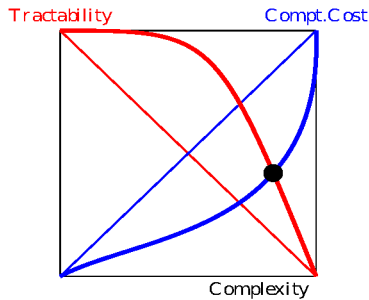
Biogeography data

Phylogenies Environment

Code metrics

Patterns?

Code machine learning



PROCESSES?

Parametrize Priors

Combinatorial
search
feasible
processes

Trait variation

Pool

Hybridization

Environmental filters

Historical
contingency

Code approximate Bayesian computation

MODEL

Genotype-phenotype interacting maps and community interactions

**Dimensionality
correlation matrix**

Bayesian Factors

Posterior distributions

Simulations