

core

core\_run

**C** CoreRun

x\_best  
y\_best

get\_run\_options()  
run(initial\_kwargs)  
run\_with\_increase(initial\_kwargs)  
run\_without\_increase(initial\_kwargs)

models

**C** StructureDemographicModel

initial\_s : list[int]  
final\_s : list[int]  
has\_dyns : bool  
has\_inbr : bool  
has\_migs : bool  
sym\_migs : bool

from\_s(s)  
get\_s()  
increase\_s(new\_s, X)  
transform\_values\_from\_other\_model(model, x)

**C** EpochDemographicModel

events : list[Event]  
has\_inbreeding  
inbreeding\_args: list[FractionVariable]  
variables : list[Variable]

add\_epoch(time\_arg, size\_args, mig\_args, dyn\_args)  
add\_inbreeding(inbr\_args)  
add\_split(pop\_to\_div, size\_args)  
create\_from(model, values)  
fix\_dynamics(values)  
fix\_variable(variable, value)  
get\_number\_of\_parameters(values)  
number\_of\_populations()  
translate\_to(ModelClass, values)  
unfix\_dynamics()  
unfix\_variable(variable)

**C** DemographicModel

fixed\_vars : dict  
gen\_time : float  
mutation\_rate : float  
recombination\_rate : float

add\_variable(variable)  
get\_Nanc\_size(values)  
get\_number\_of\_parameters(values)

**C** Model

fixed\_values : dict  
is\_fixed : list  
variables : list[Variable]

add\_variable(variable)  
fix\_variable(variable, value)  
get\_variable(name)  
unfix\_variable(variable)

**C** TreeDemographicModel

events : list[Event]  
gen\_time : float  
rec\_rate : float

add\_leaf(pop, t, dyn, size\_pop, g)  
change\_pop\_size(pop, t, size\_pop, dyn, g)  
create\_from(model, values)  
equals(other, values)  
get\_Nanc\_variable(values)  
move\_lineages(pop\_from, pop, t, dyn, size\_pop, g, p)  
number\_of\_populations()  
translate\_to(ModelClass, values)