TMB overview

CppAD (external C++ package)
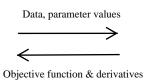- derivative calculations

Native TMB

R controlling session	Data, parameter values	C++ objective function

R controlling session
(*.R file)
- data pre-processing, call
nlminb(), plot result

Data, parameter values →

← Objective function & derivatives

C++ objective function
(*.cpp file)
- evaluate objective
function and its derivatives

R packages, C++ code

Eigen (external C++ package)
- matrix library