drmTMB function map

1 Specify model

Formula: bf()
Family examples: gaussian() nbinom2()
Structured terms — support varies
phylo() spatial() relmat()

2 Fit

drmTMB()

3 Check fit health

check_drm() summary()

drmTMB

Distributional regression in R

Interpret

coef() fixef() ranef()
corpairs() rho12()

Predict & assess

predict_parameters()
fitted_distribution() residuals()

Uncertainty & simulate

profile_targets()
confint() profile() simulate()

Choose the task after checking the fit; prediction, interpretation, and uncertainty are conditional routes.