

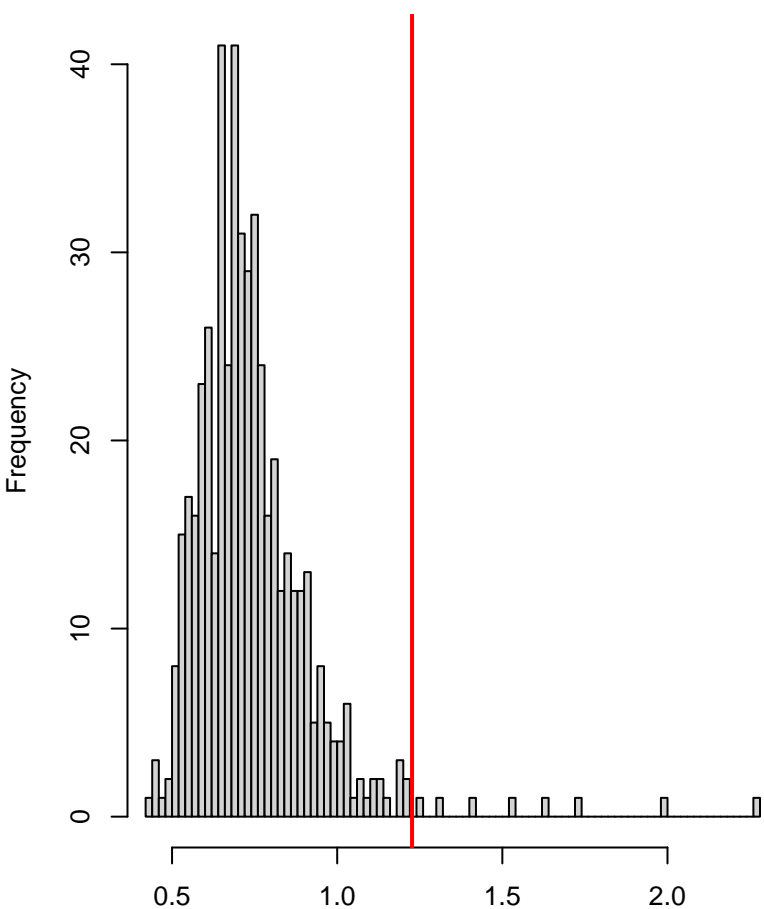
Model validation report

Model: fishing_biomass

Observations: 1753

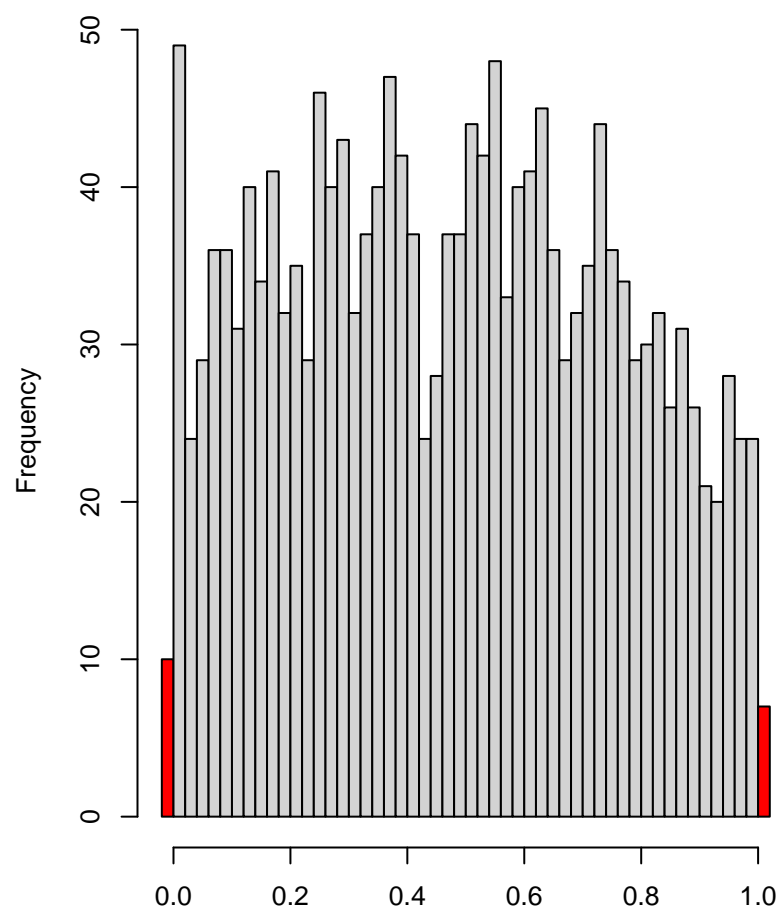
Date: 2025-12-20

DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated



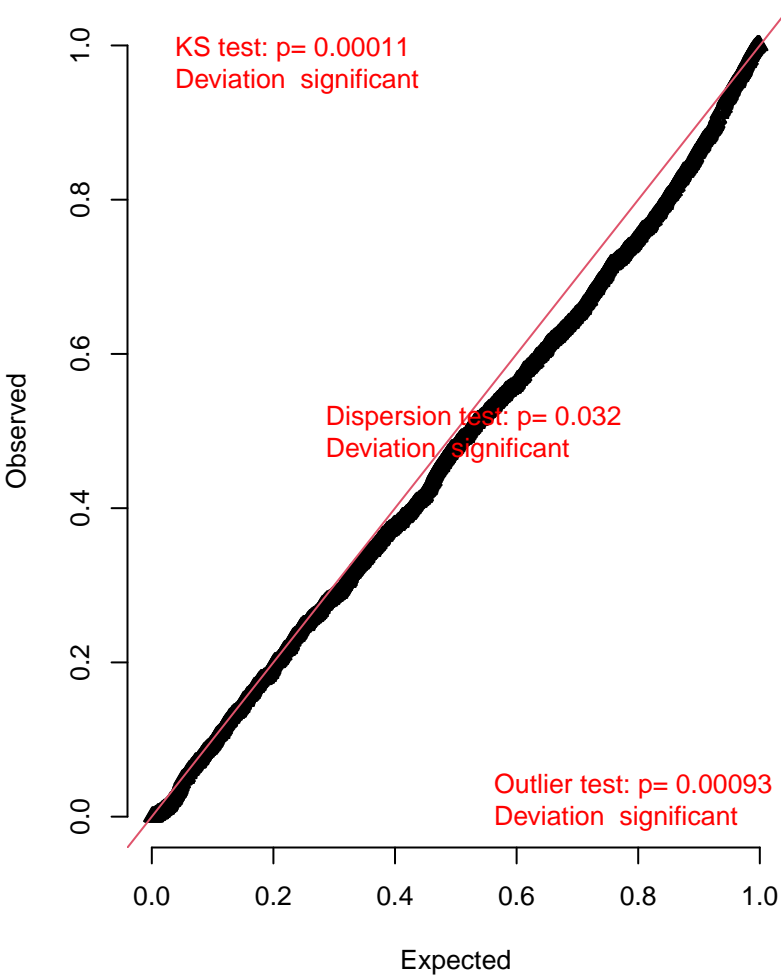
Simulated values, red line = fitted model. p-value (two.sided) = 0.

Outlier test significant

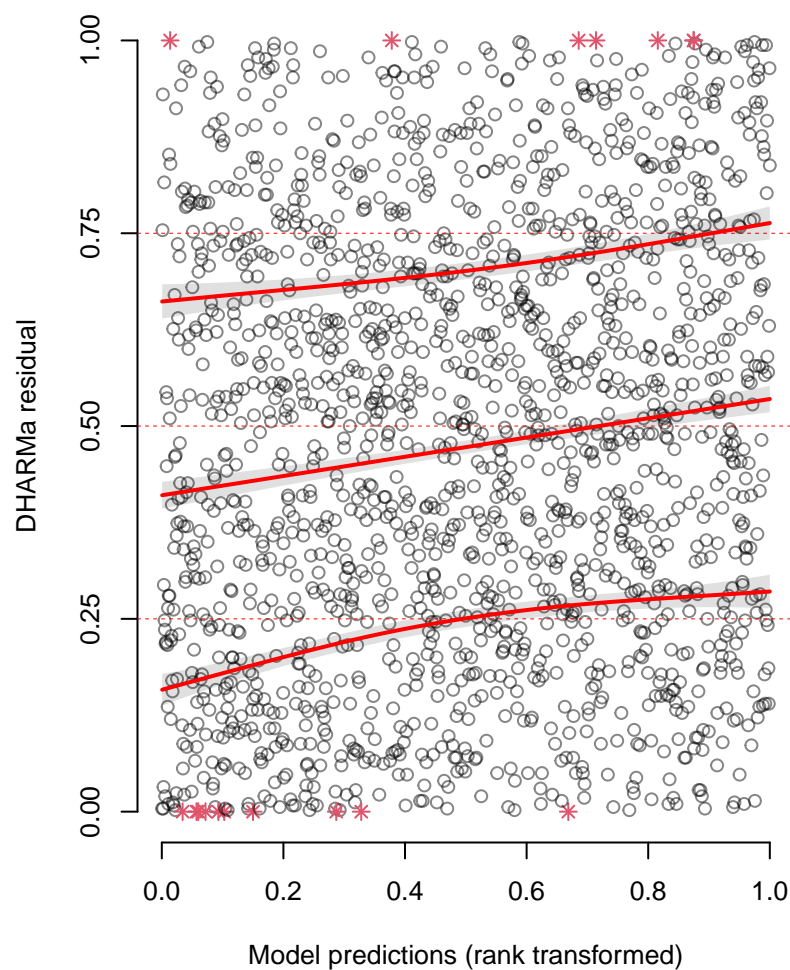


Residuals (outliers are marked red)

QQ plot residuals



DHARMA residual vs. predicted
Quantile deviations detected (red curves)
Combined adjusted quantile test significant



DHARma Moran's I test for distance-based autocorrelation
Moran's I = 0.021 | H1: Distance-based autocorrelation | p-value = 0.015

