

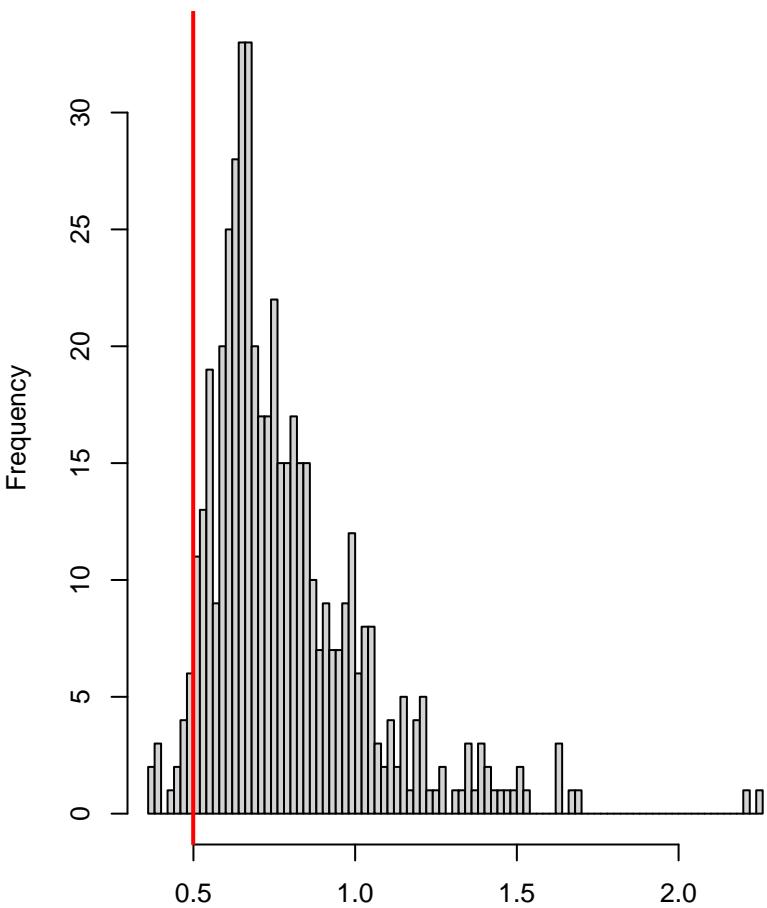
## Model validation report

Model: 2012\_2016\_biomass

Observations: 801

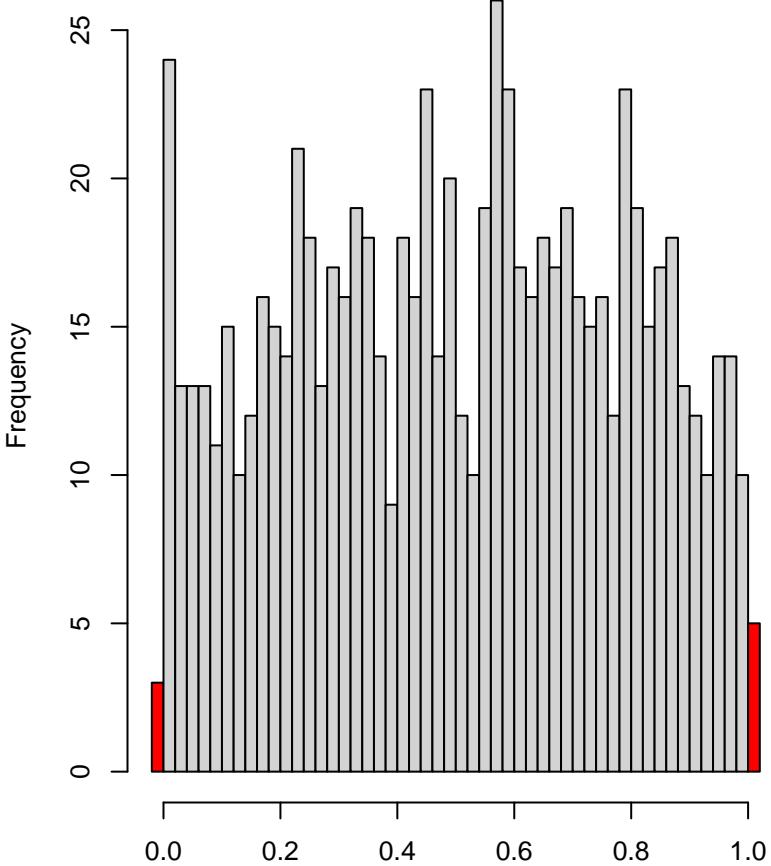
Date: 2025-12-21

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

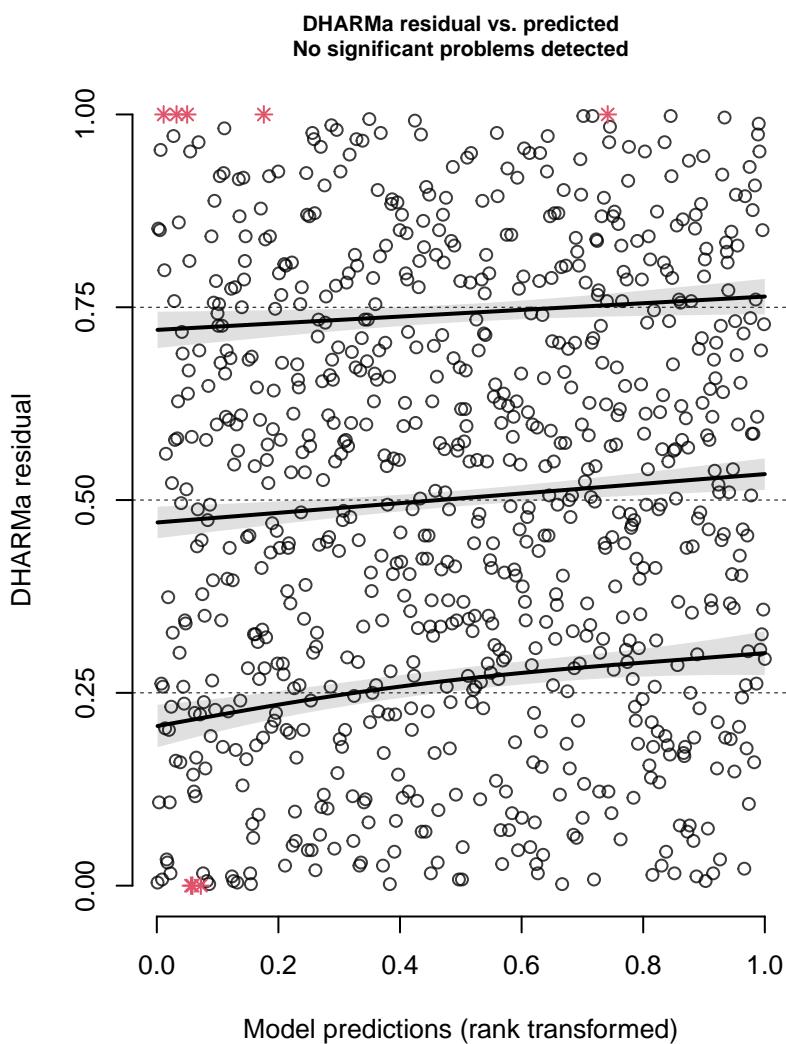
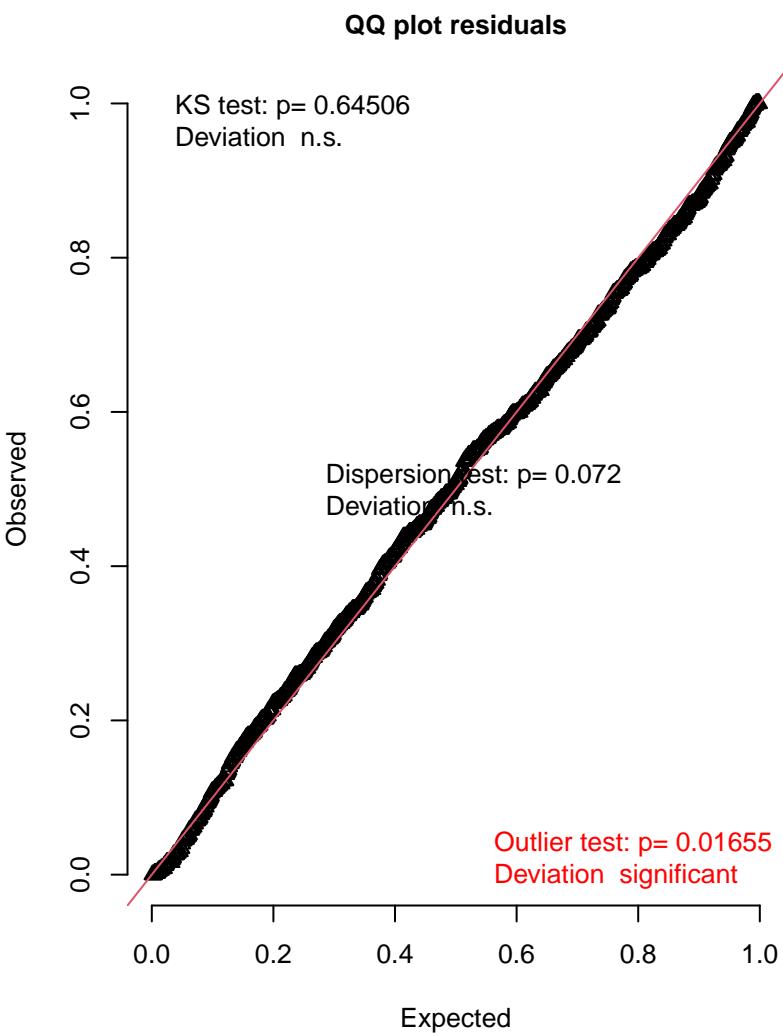


Simulated values, red line = fitted model. p-value (two.sided) = 0.

Outlier test significant



Residuals (outliers are marked red)



Model predictions (rank transformed)

### DHARMA Moran's I test for distance-based autocorrelation

Moran's I = 0.038 | H1: Distance-based autocorrelation | p-value = 0.003

