

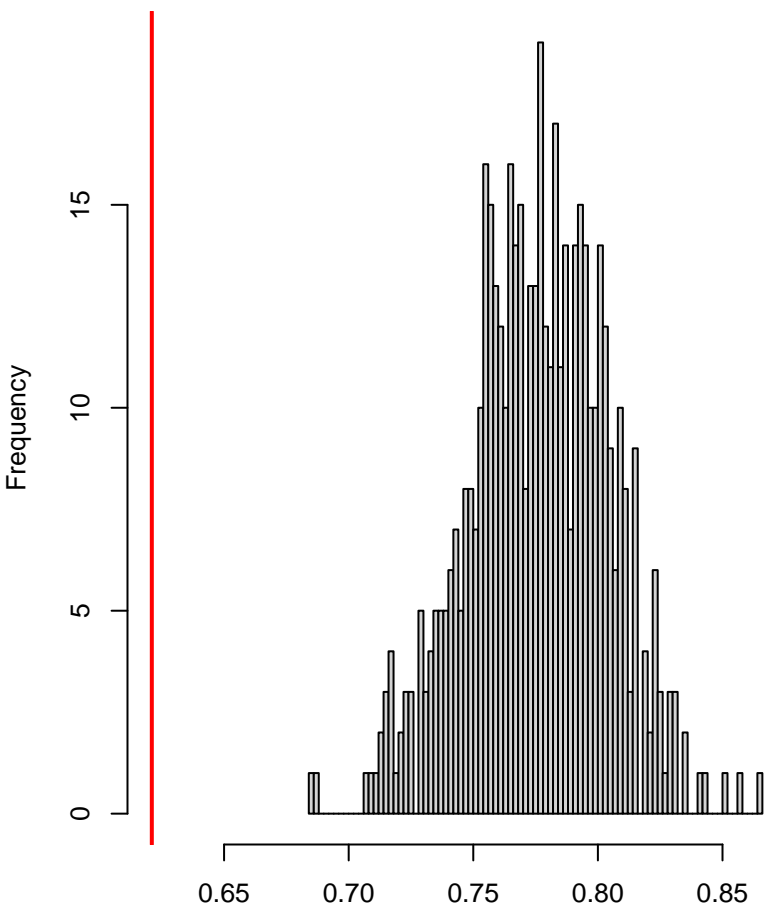
## Model validation report

Model: fishing\_Fric

Observations: 1753

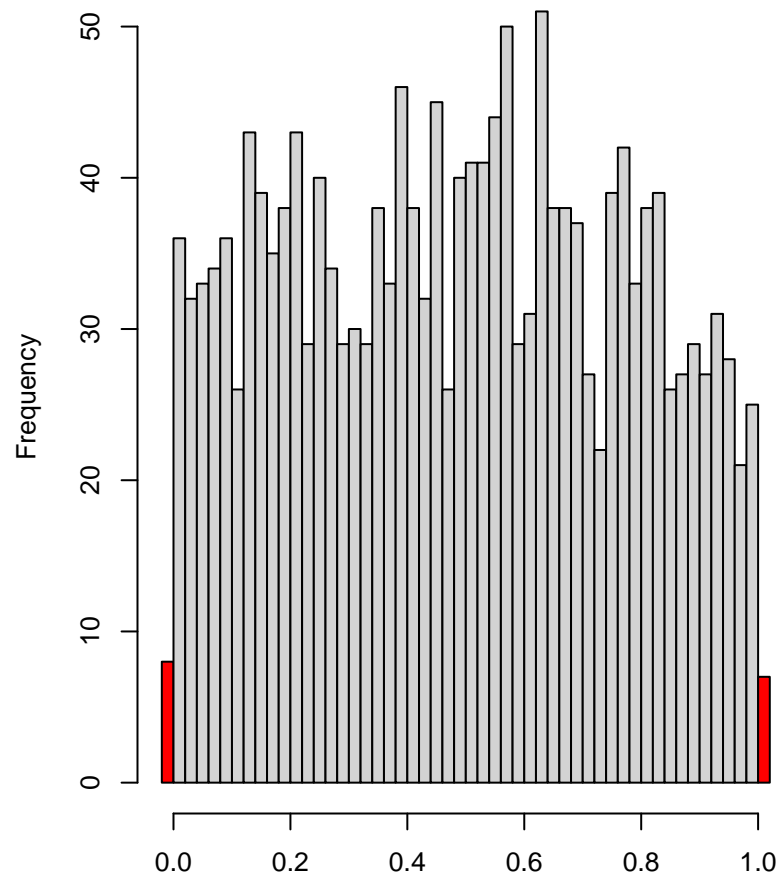
Date: 2025-12-22

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



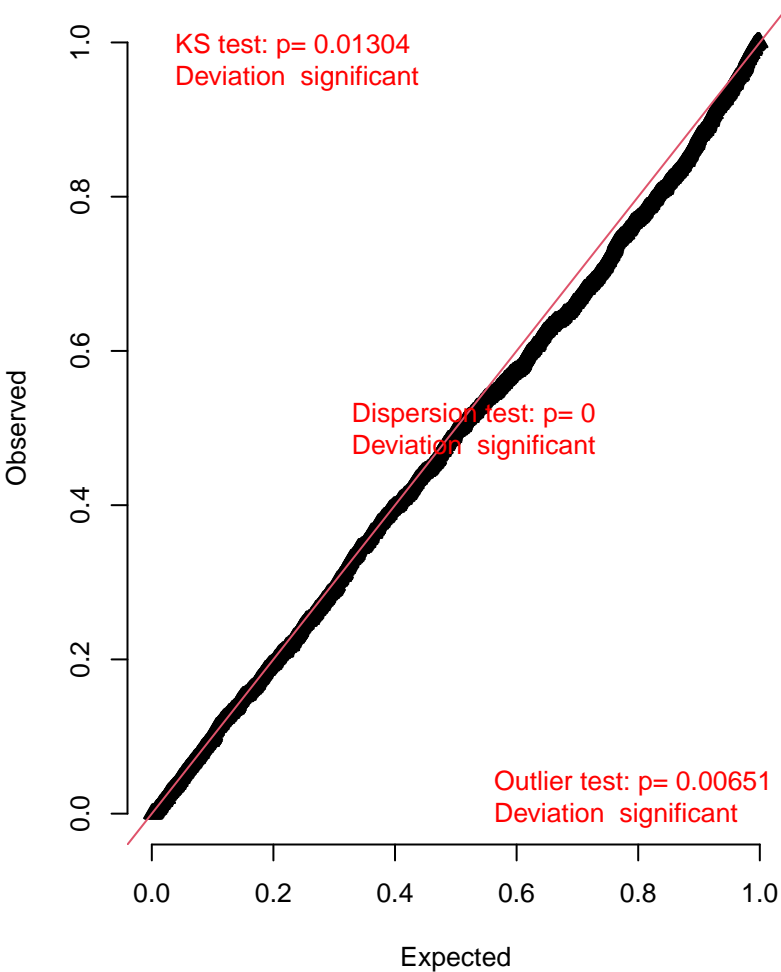
Simulated values, red line = fitted model. p-value (two.sided) =

Outlier test significant

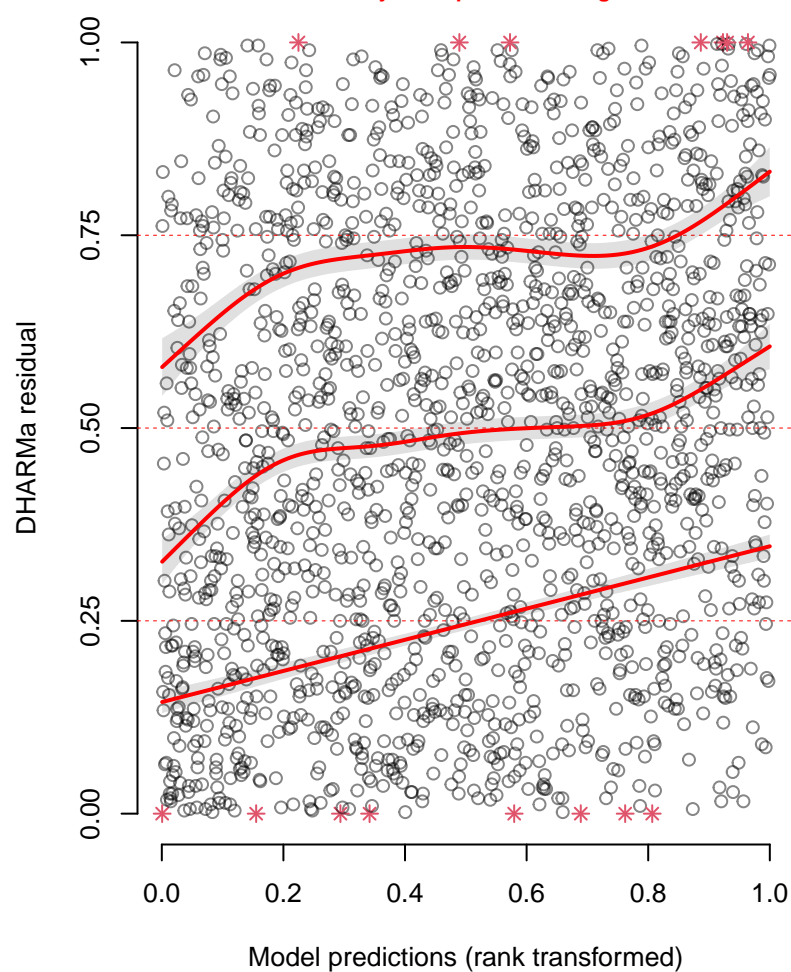


Residuals (outliers are marked red)

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 = 0.045 | H1: Distance-based autocorrelation | p-value = 0

