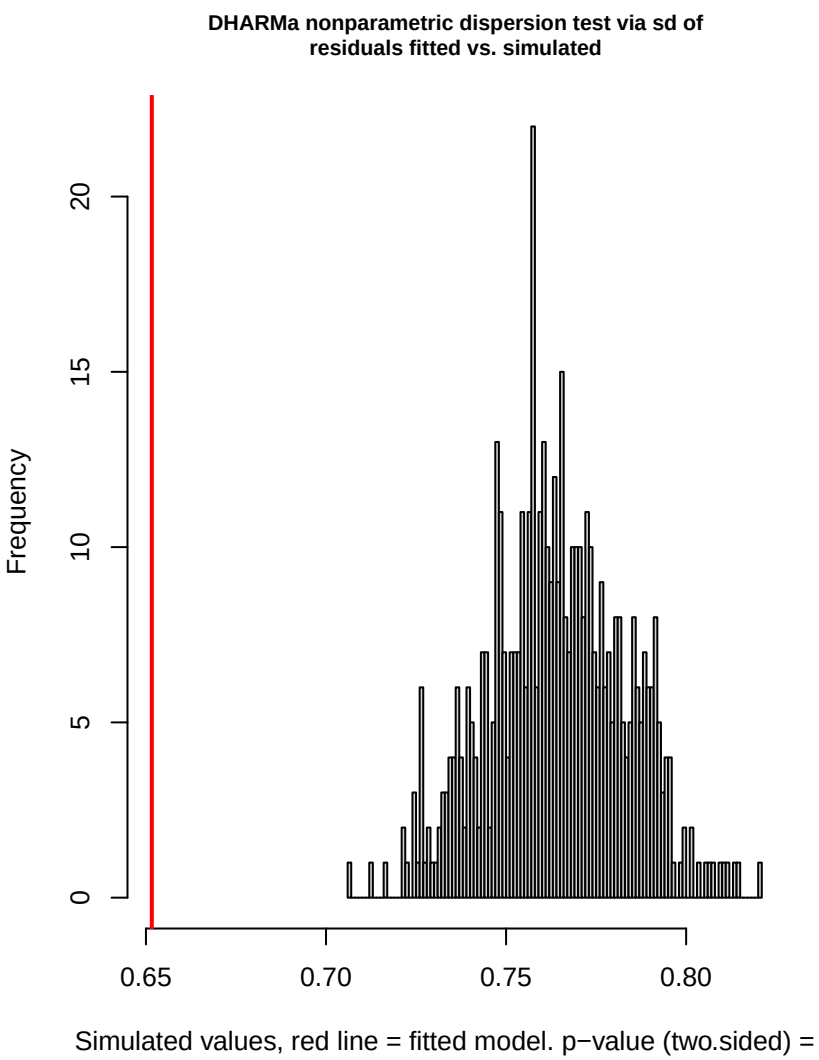
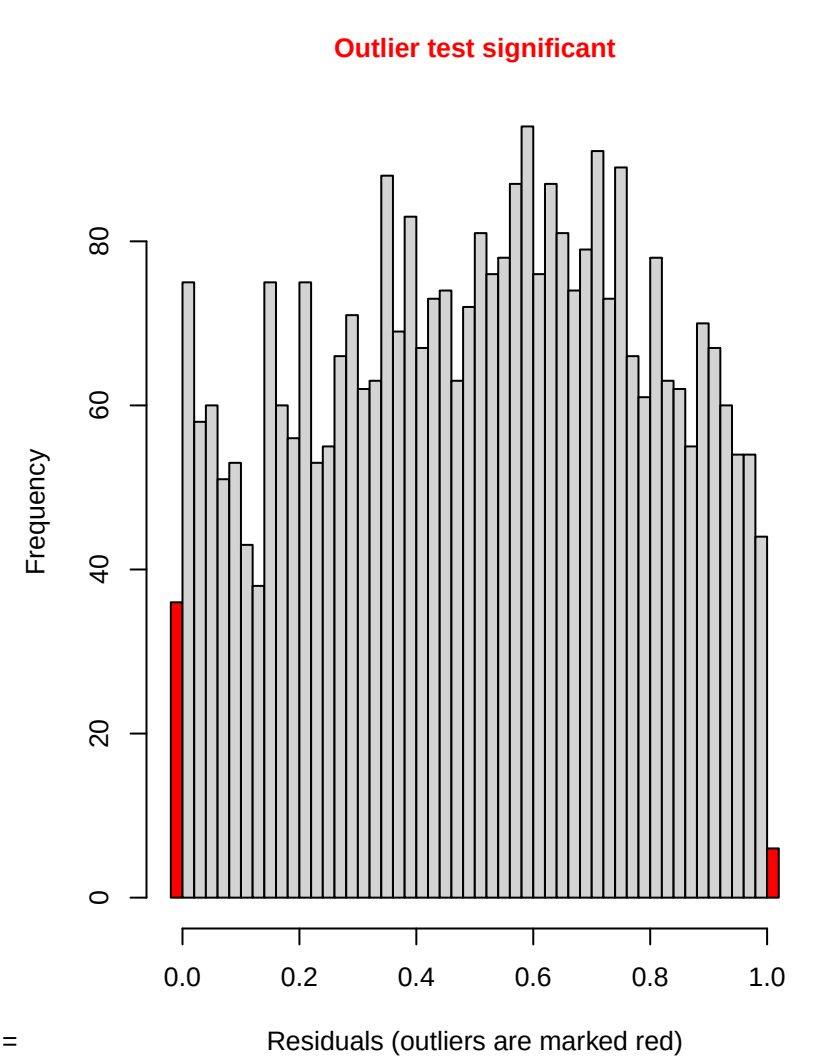
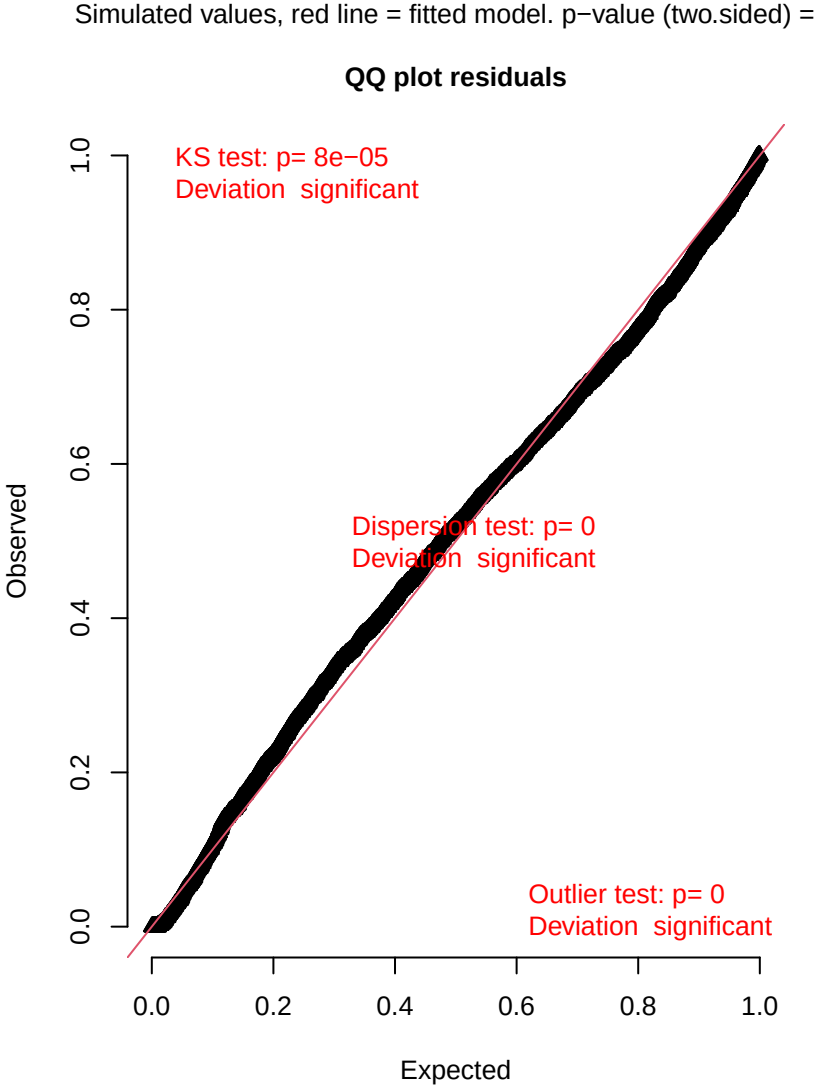
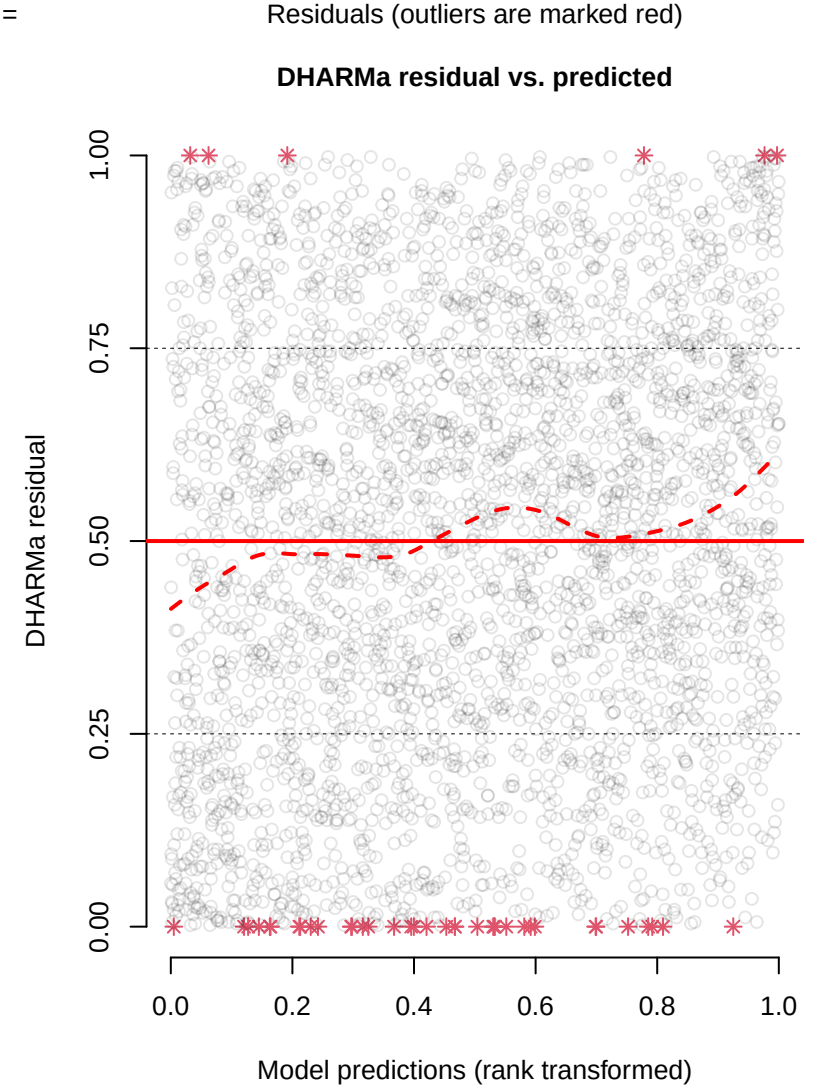
Model validation report

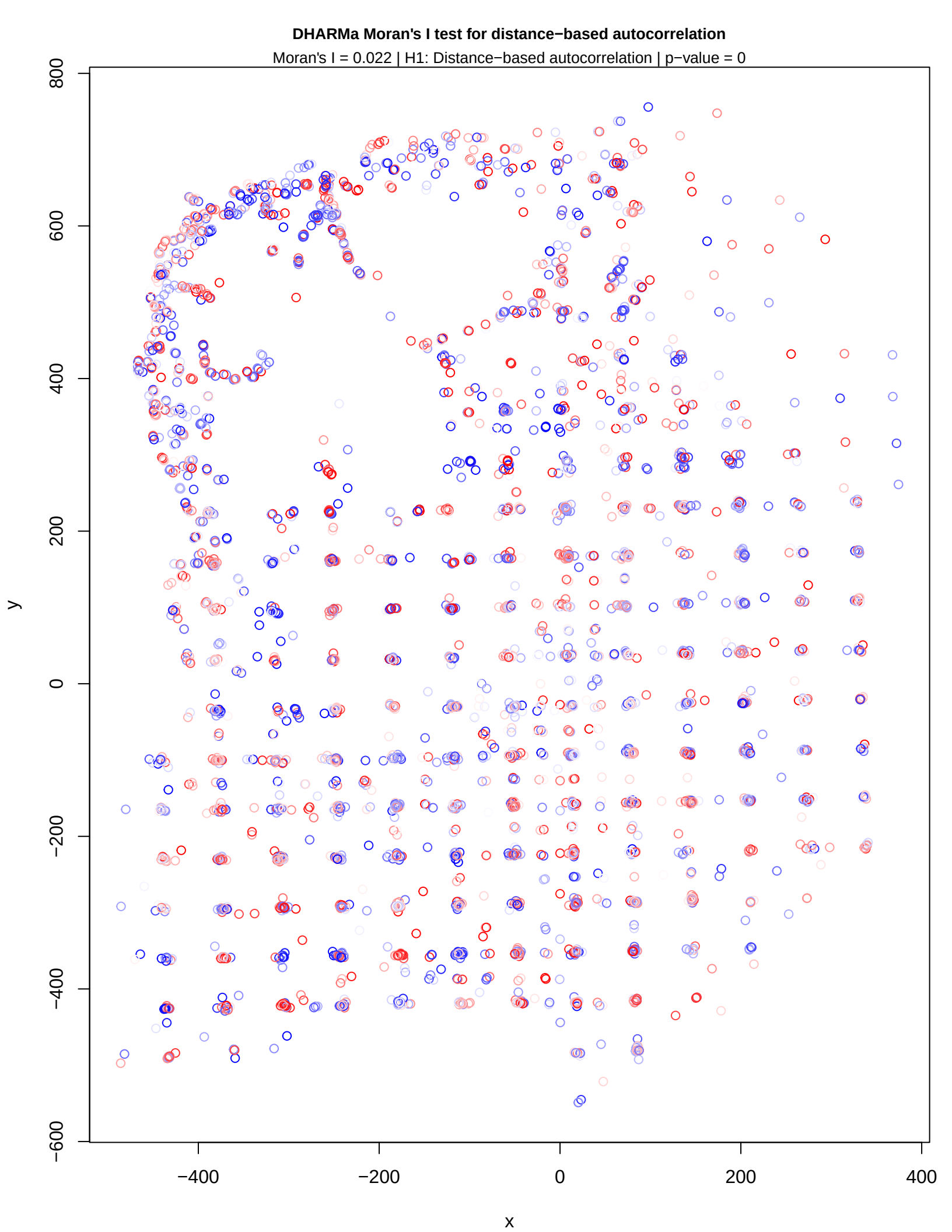
Model: general_Feve
Observations: 3445
Date: 2025−12−22

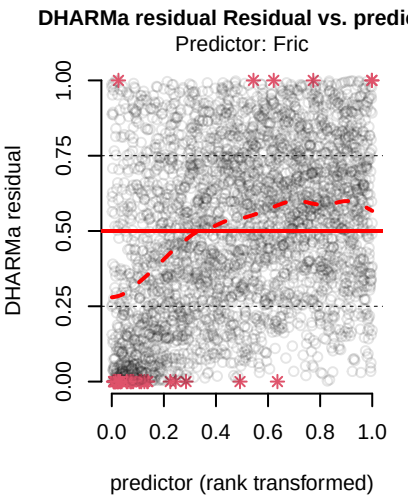

DHARMa nonparametric dispersion test via sd of residuals fitted vs. simulated
Frequency
0
5
10
15
20
0.65
0.70
0.75
0.80
Simulated values, red line = fitted model. p−value (two.sided) =

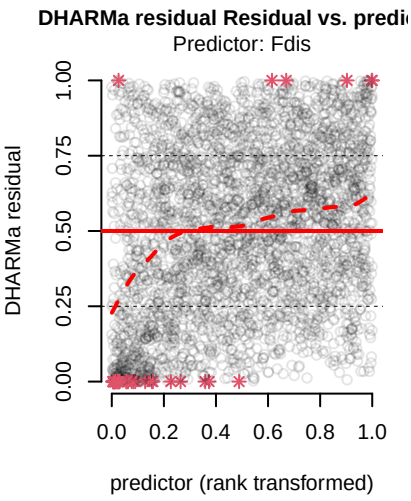

Outlier test significant
Frequency
0
20
40
60
80
0.0
0.2
0.4
0.6
0.8
1.0
Residuals (outliers are marked red)

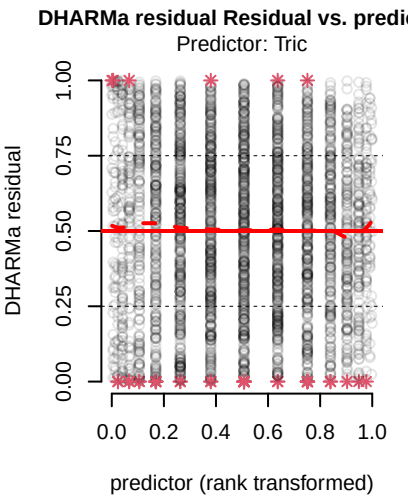

QQ plot residuals
KS test: p= 8e−05
Deviation significant
Dispersion test: p= 0
Deviation significant
Outlier test: p= 0
Deviation significant
Observed
0.0
0.2
0.4
0.6
0.8
1.0
Expected

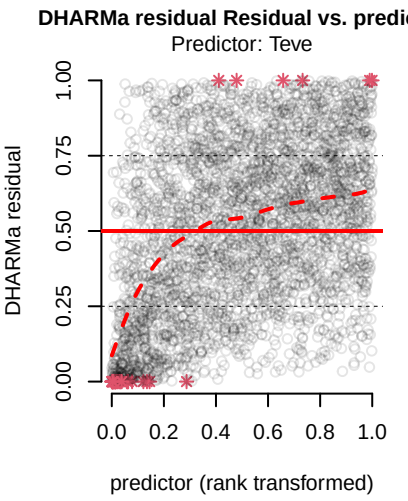

DHARMa residual vs. predicted
DHARMa residual
0.00
0.25
0.50
0.75
1.00
0.0
0.2
0.4
0.6
0.8
1.0
Model predictions (rank transformed)

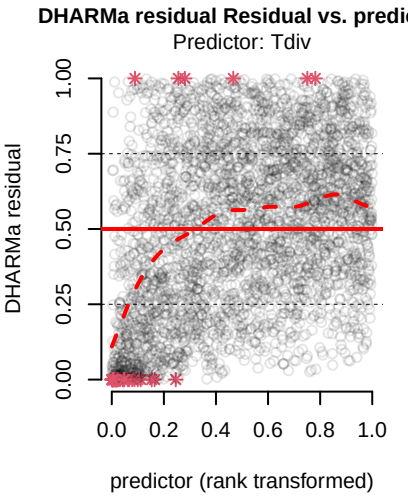

DHARMa Moran's I test for distance−based autocorrelation
Moran's I = 0.022 | H1: Distance−based autocorrelation | p−value = 0
800
600
400
200
0
−200
−400
−600
y
−400
−200
0
200
400
x

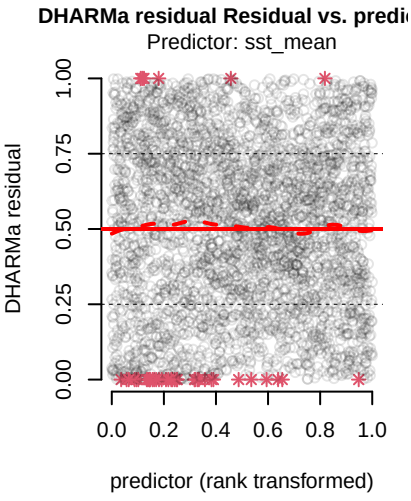

DHARMa residual Residual vs. predi
Predictor: Fric
DHARMa residual
predictor (rank transformed)

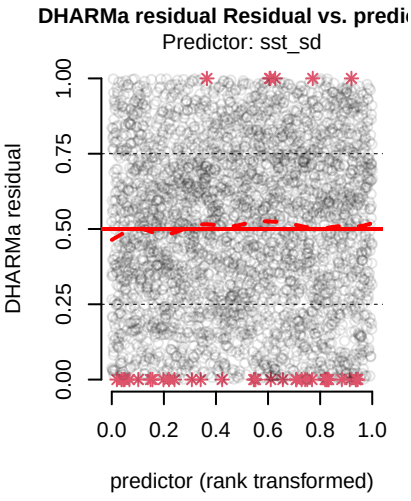

DHARMa residual Residual vs. predi
Predictor: Fdis
DHARMa residual
predictor (rank transformed)

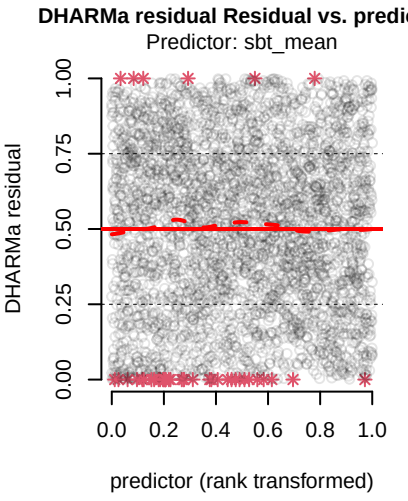

DHARMa residual Residual vs. predi
Predictor: Tric
DHARMa residual
predictor (rank transformed)

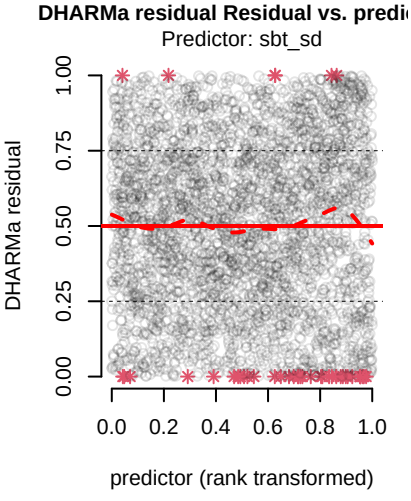

DHARMa residual Residual vs. predi
Predictor: Teve
DHARMa residual
predictor (rank transformed)

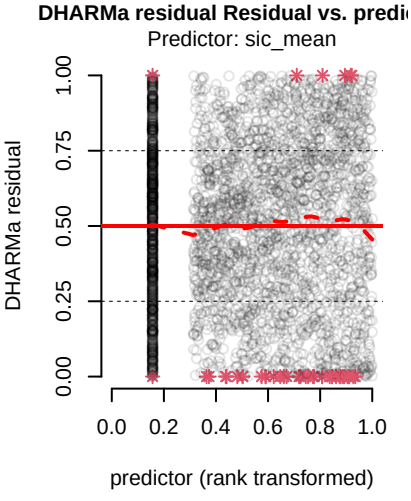

DHARMa residual Residual vs. predi
Predictor: Tdiv
DHARMa residual
predictor (rank transformed)

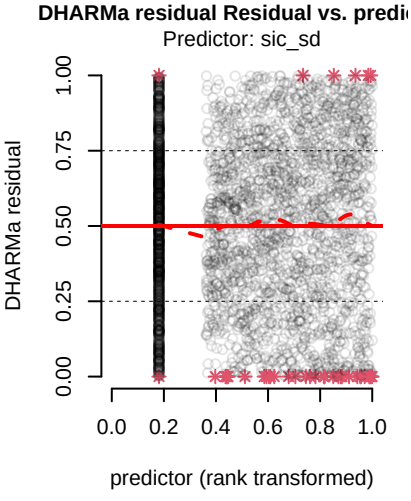

DHARMa residual Residual vs. predi
Predictor: sst_mean
DHARMa residual
predictor (rank transformed)

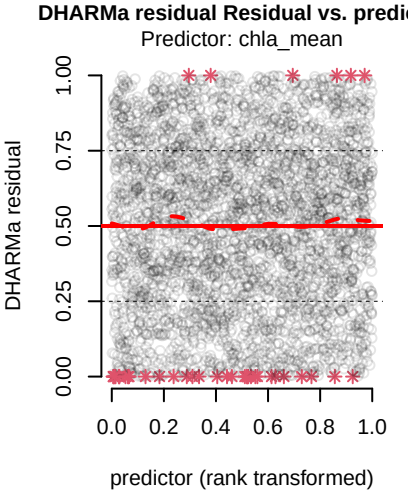

DHARMa residual Residual vs. predi
Predictor: sst_sd
DHARMa residual
predictor (rank transformed)

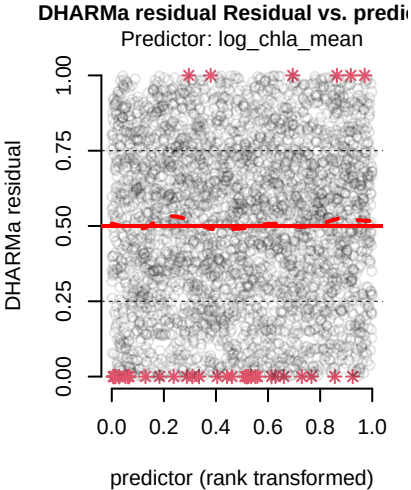

DHARMa residual Residual vs. predi
Predictor: sbt_mean
DHARMa residual
predictor (rank transformed)


DHARMa residual Residual vs. predi
Predictor: sbt_sd
DHARMa residual
predictor (rank transformed)


DHARMa residual Residual vs. predi
Predictor: sic_mean
DHARMa residual
predictor (rank transformed)


DHARMa residual Residual vs. predi
Predictor: sic_sd
DHARMa residual
predictor (rank transformed)


DHARMa residual Residual vs. predi
Predictor: chla_mean
DHARMa residual
predictor (rank transformed)


DHARMa residual Residual vs. predi
Predictor: log_chla_mean
DHARMa residual
predictor (rank transformed)