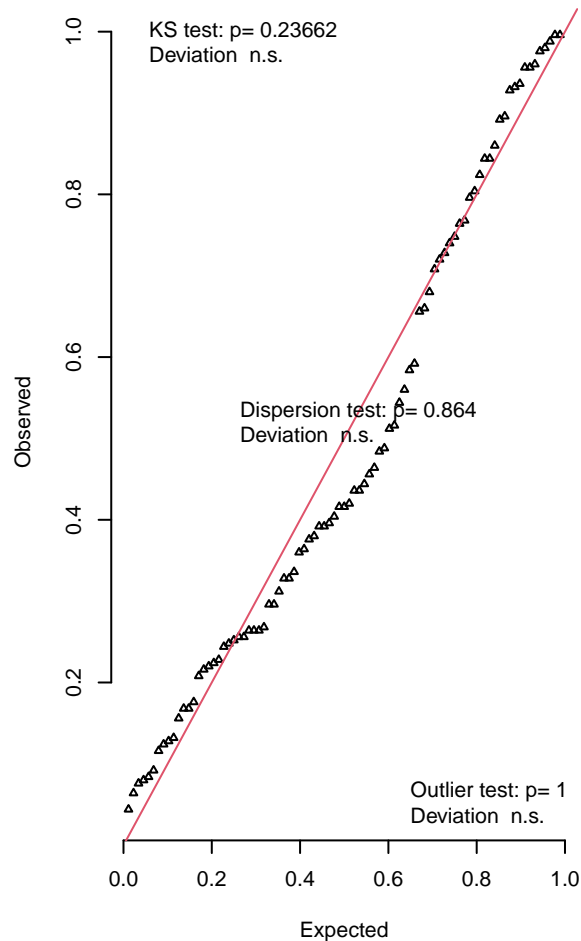
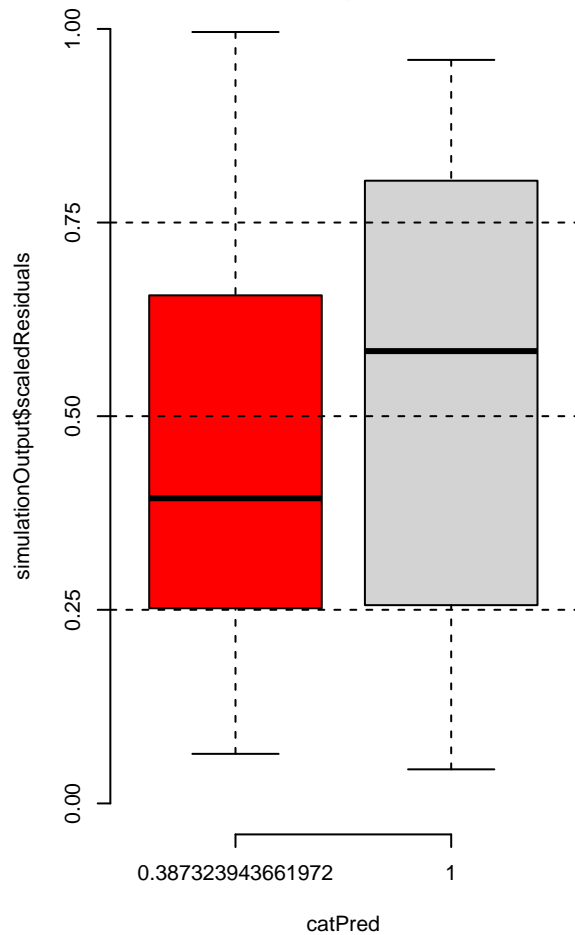


FRic ~ intercept + fish1

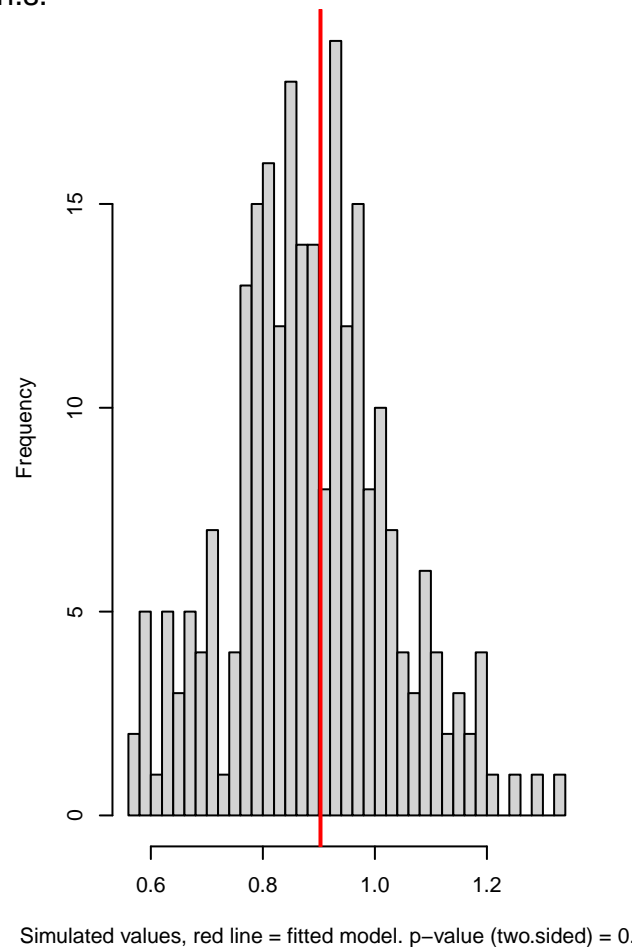
QQ plot residuals



Within-group deviations from uniformity significant (red)
Levene Test for homogeneity of variance n.s.

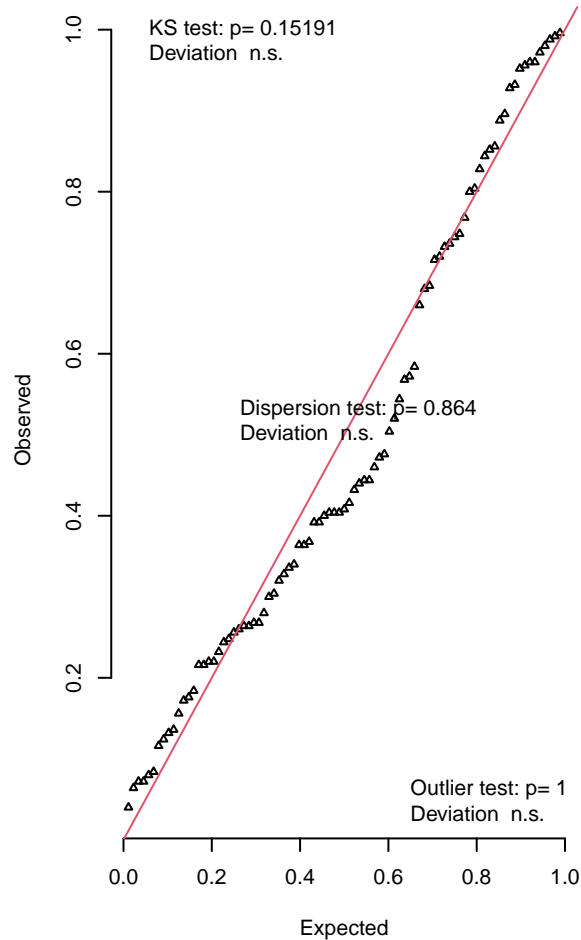


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

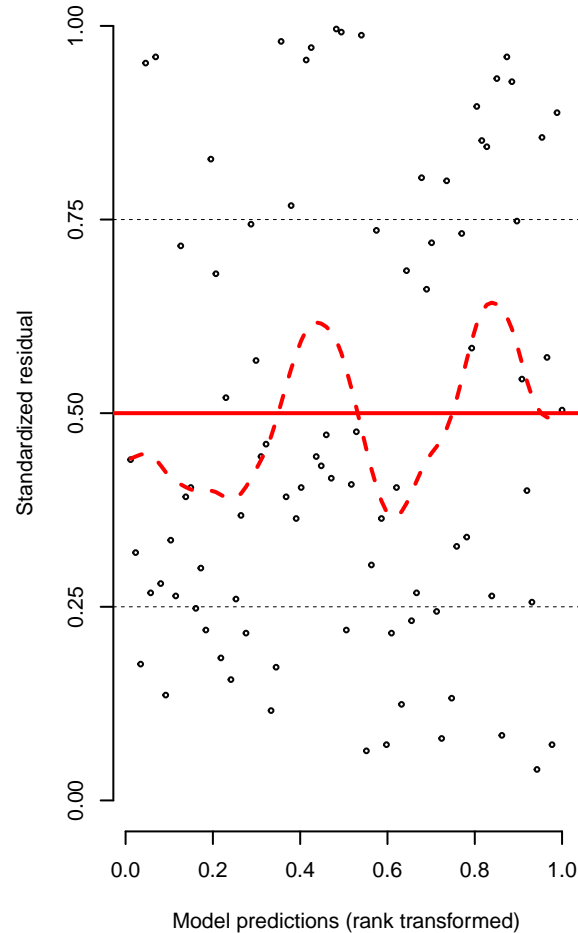


FRic ~ intercept + area_std + fish1

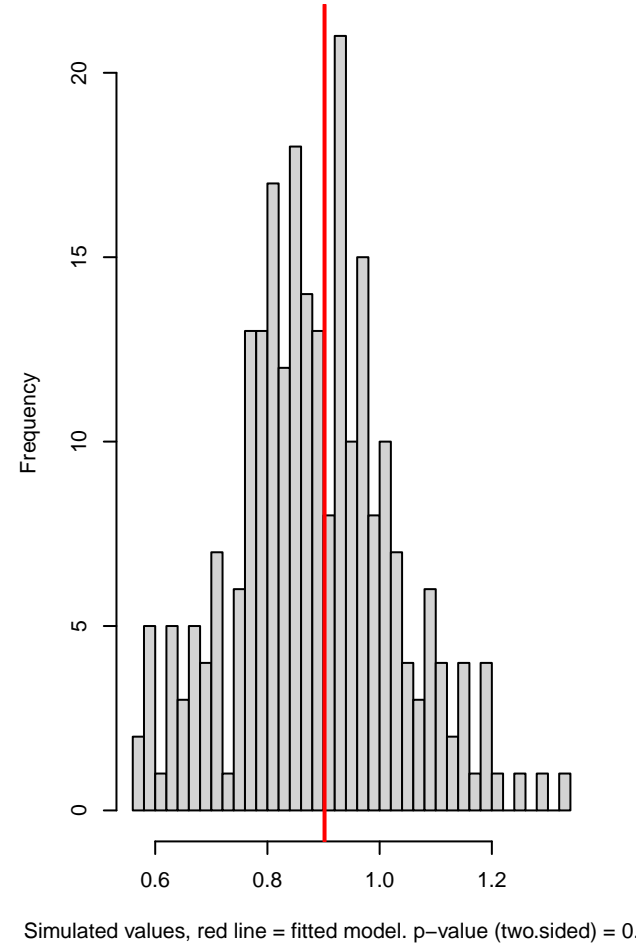
QQ plot residuals



Residual vs. predicted

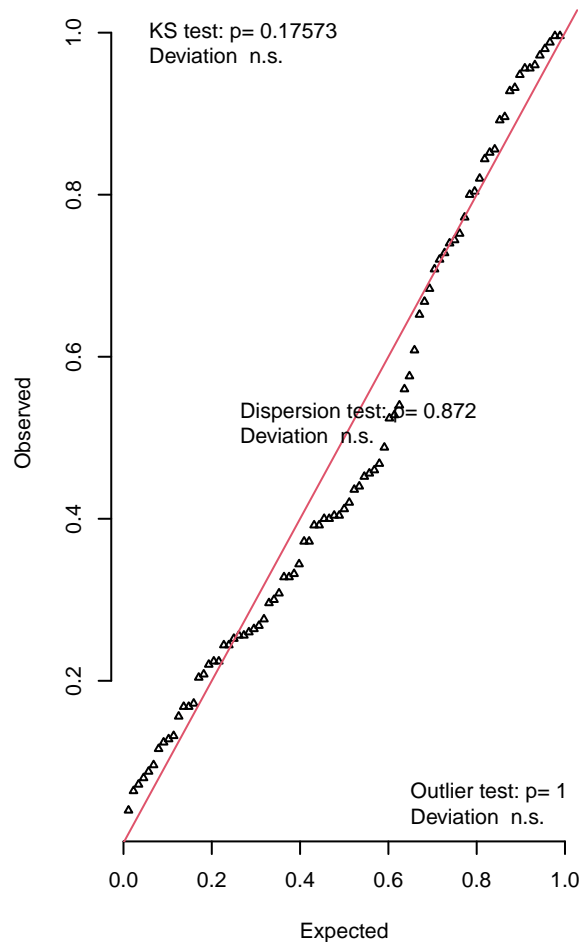


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

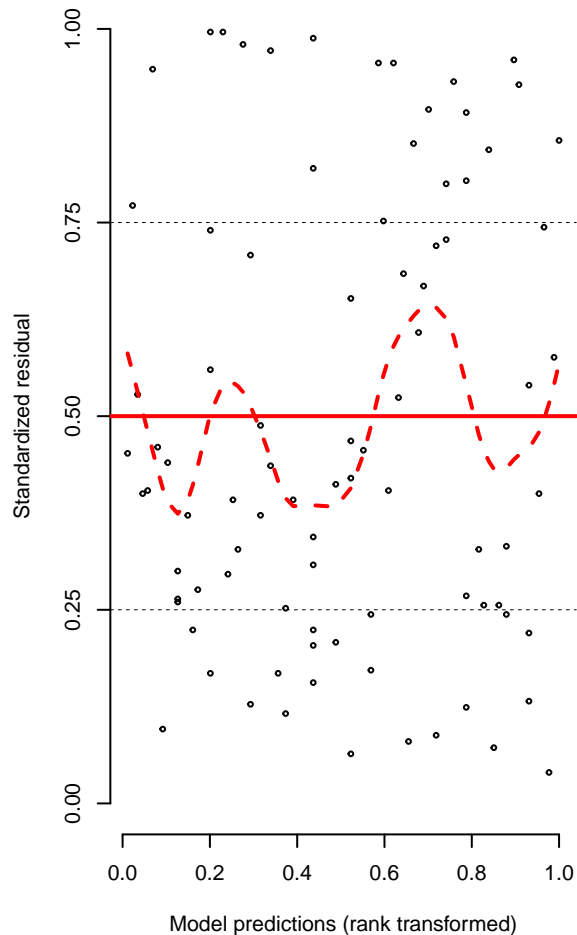


FRic ~ intercept + fish1 + time_convert_std

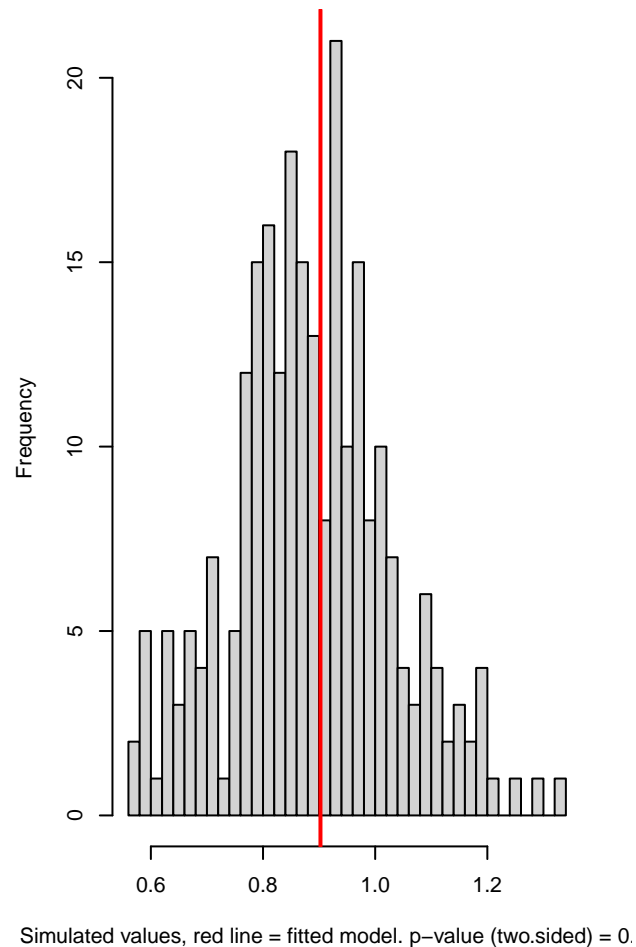
QQ plot residuals



Residual vs. predicted

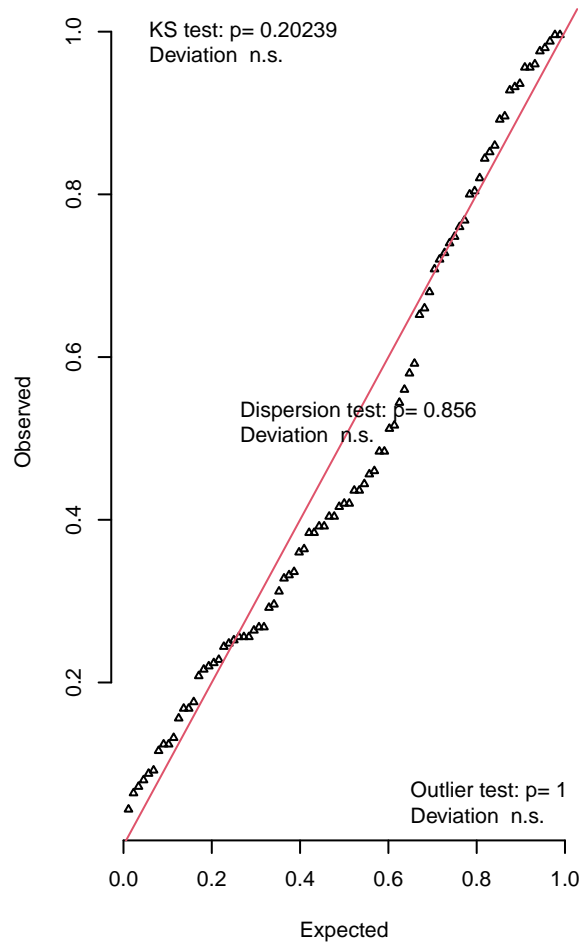


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

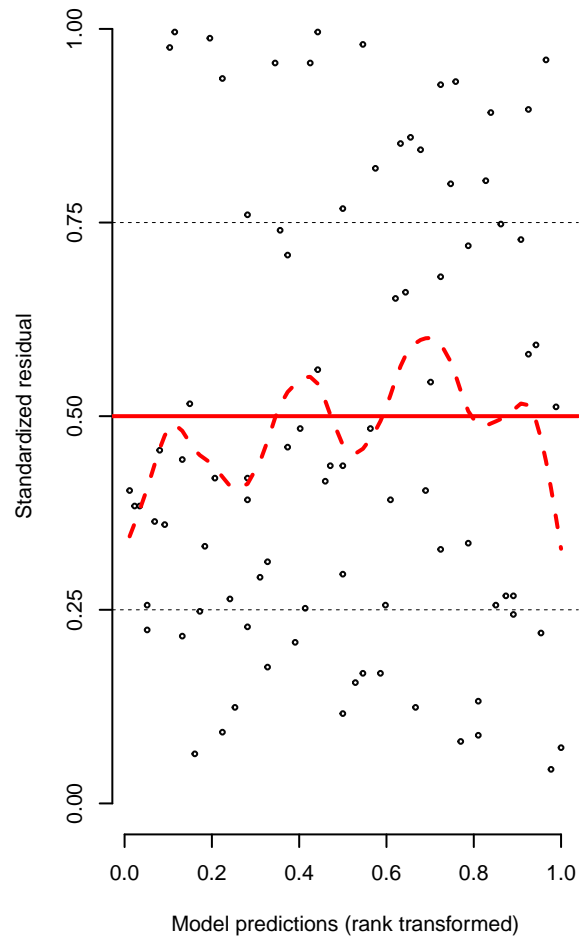


FRic ~ intercept + fish1 + temp_std

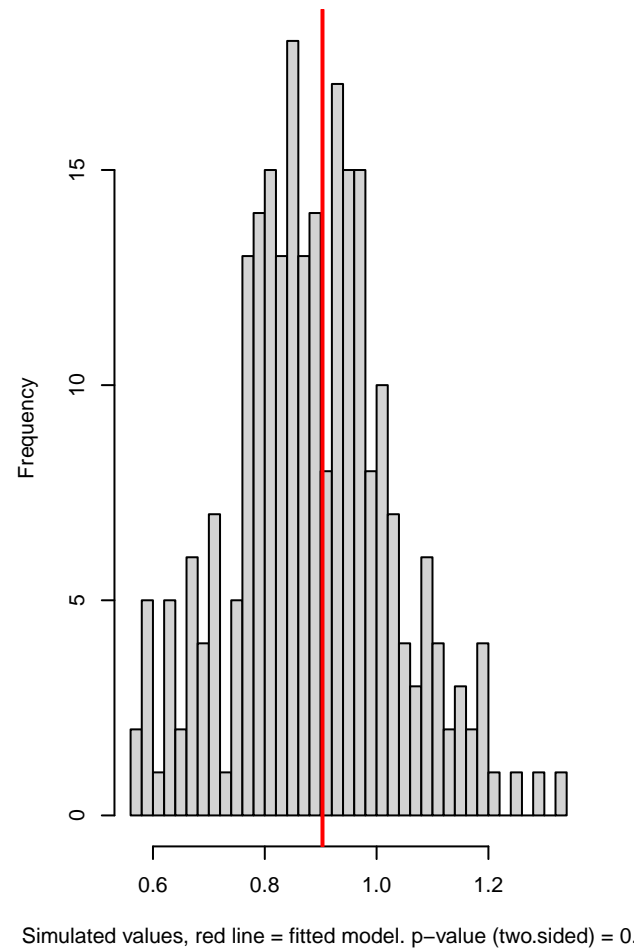
QQ plot residuals



Residual vs. predicted

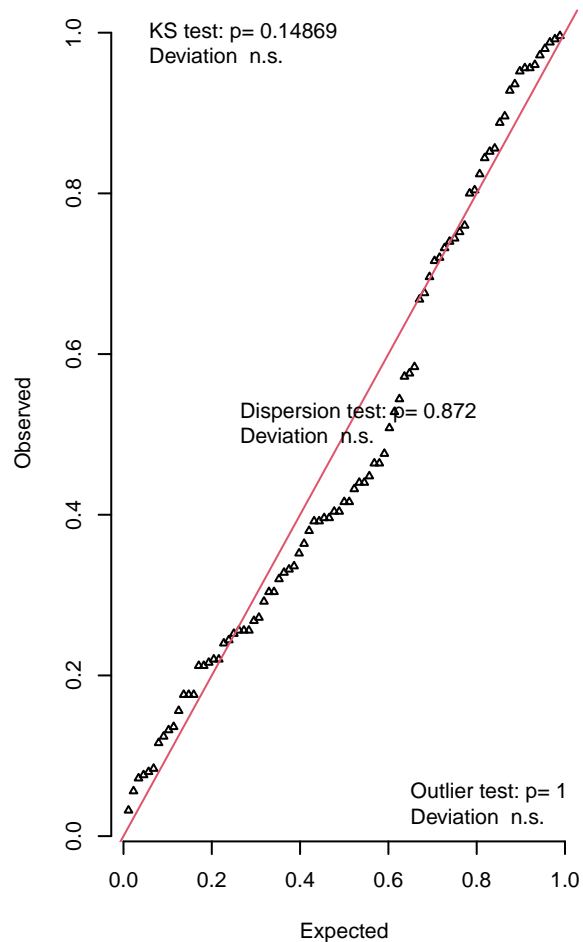


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

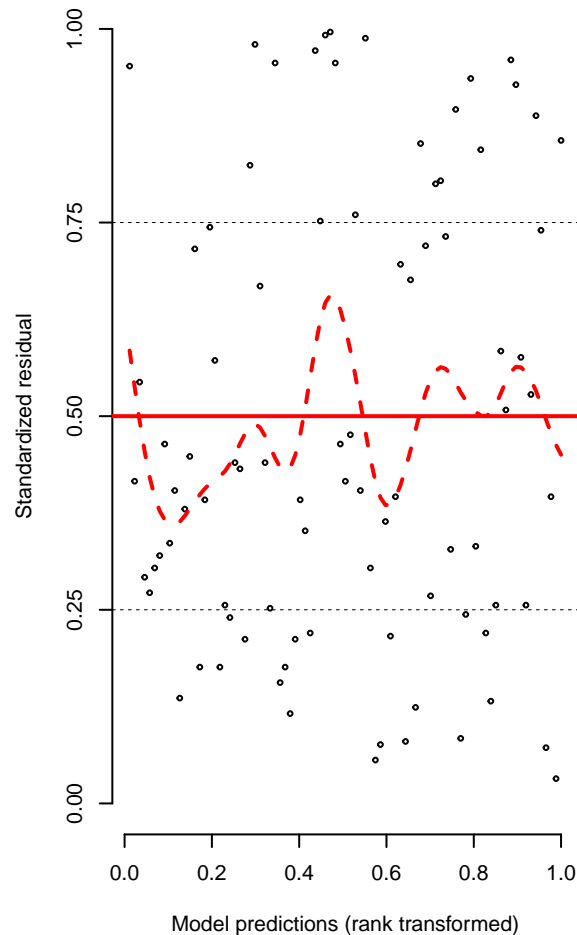


FRic ~ intercept + area_std + fish1 + time_convert_std

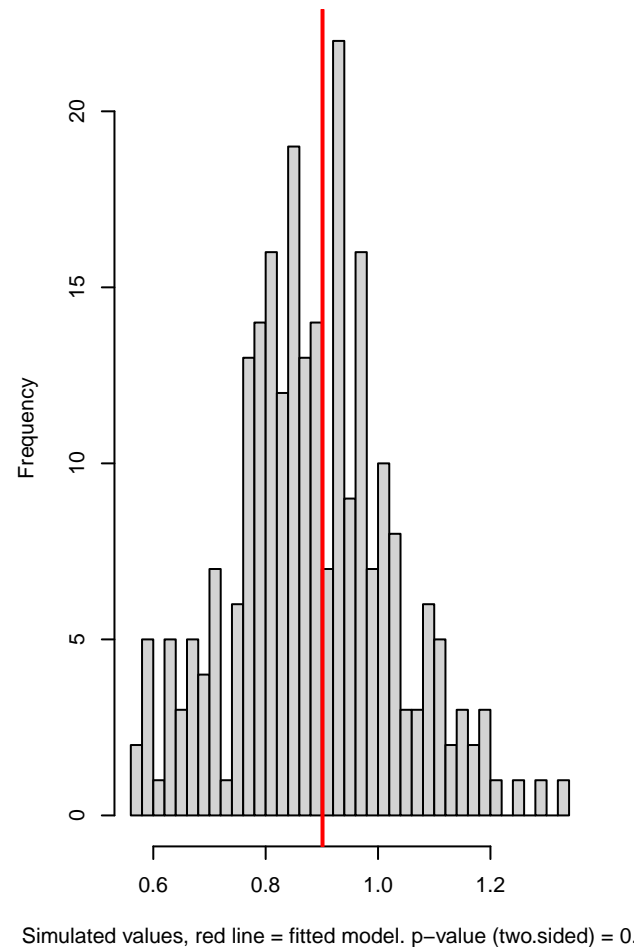
QQ plot residuals



Residual vs. predicted

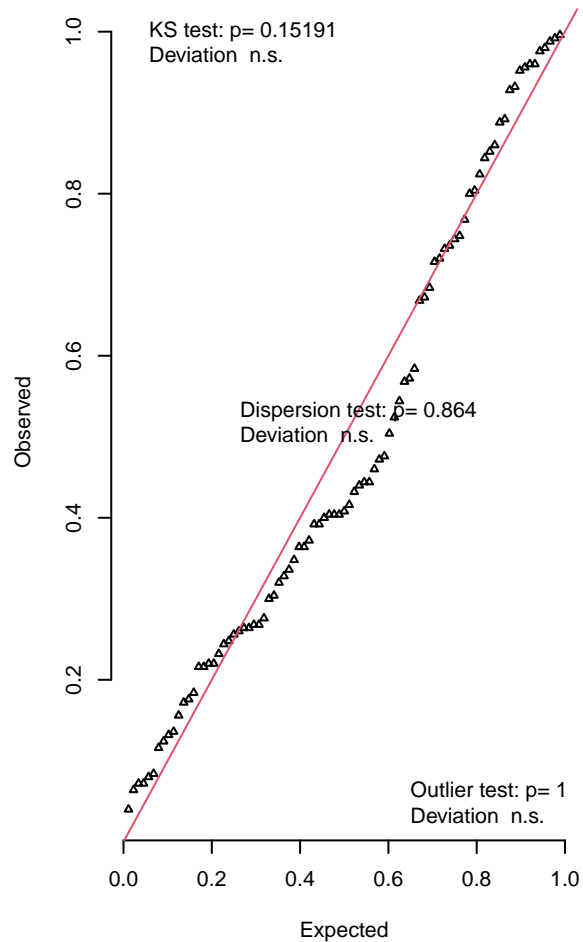


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

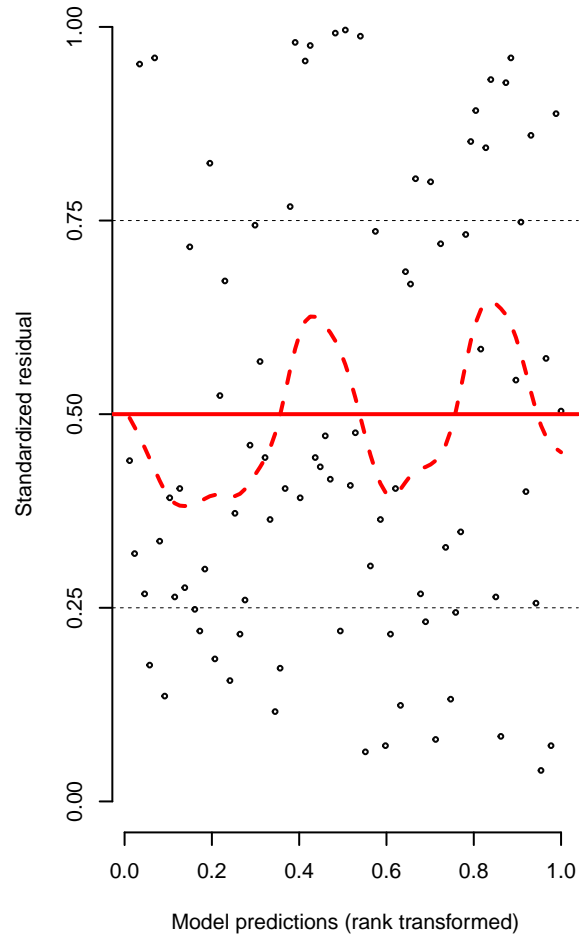


FRic ~ intercept + area_std + fish1 + temp_std

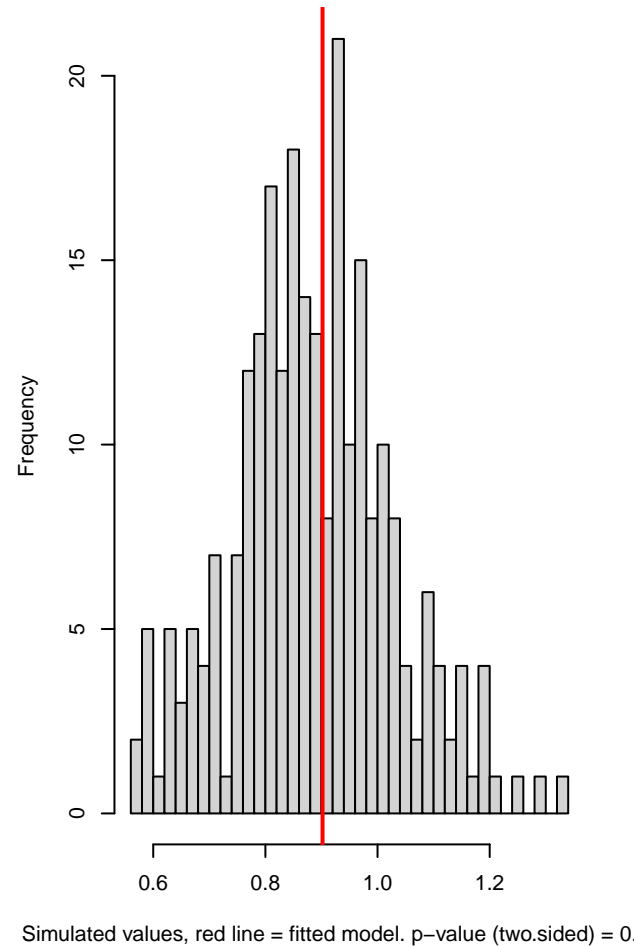
QQ plot residuals



Residual vs. predicted

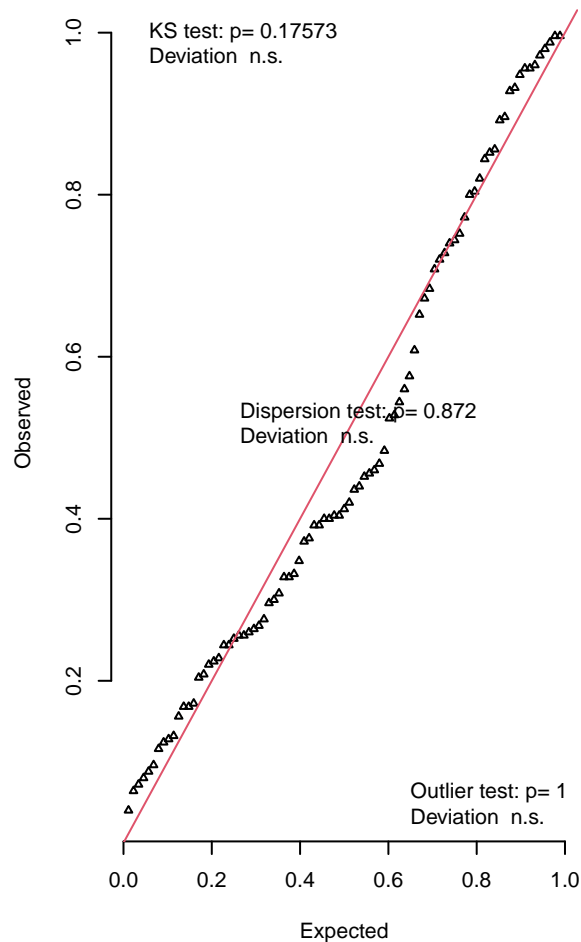


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

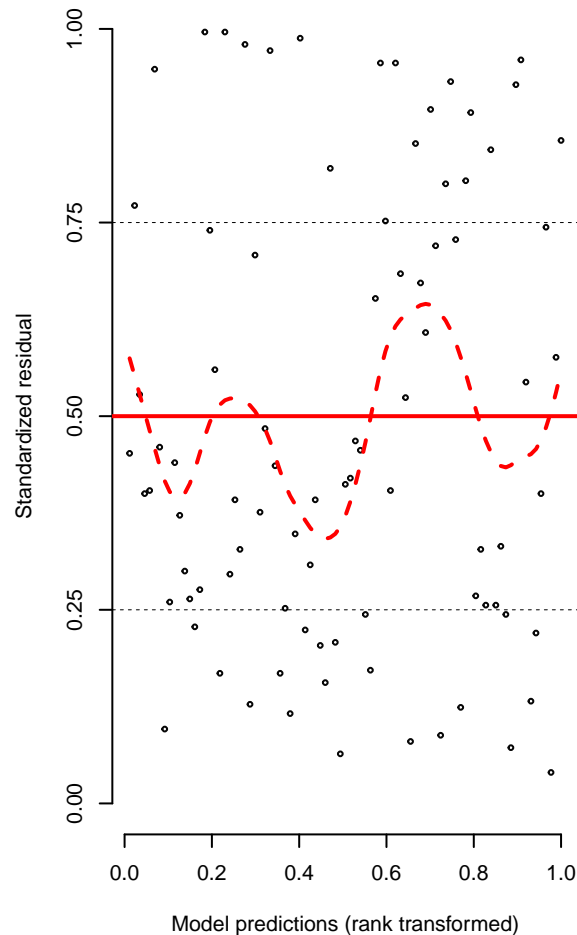


FRic ~ intercept + fish1 + temp_std + time_convert_std

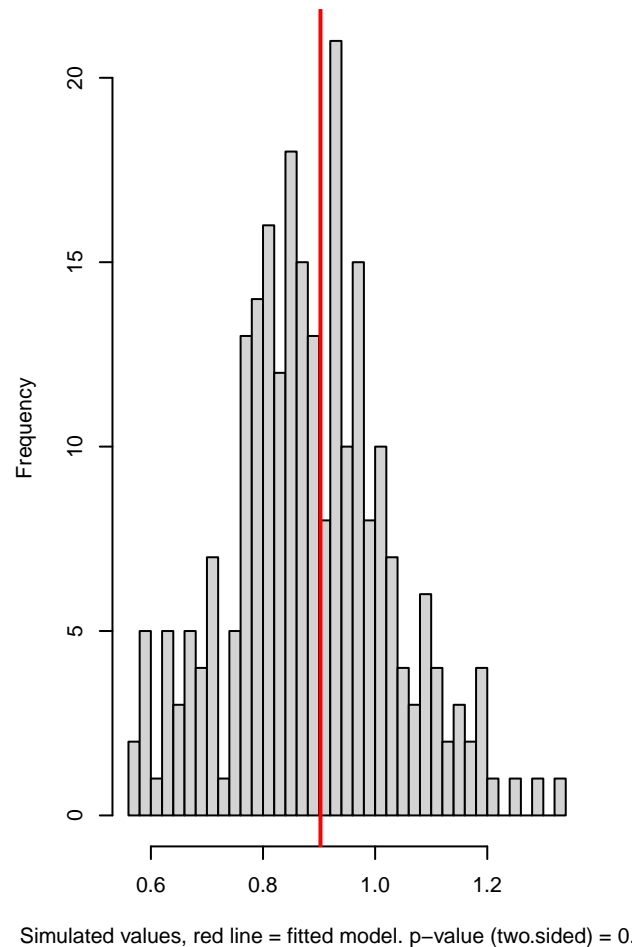
QQ plot residuals



Residual vs. predicted

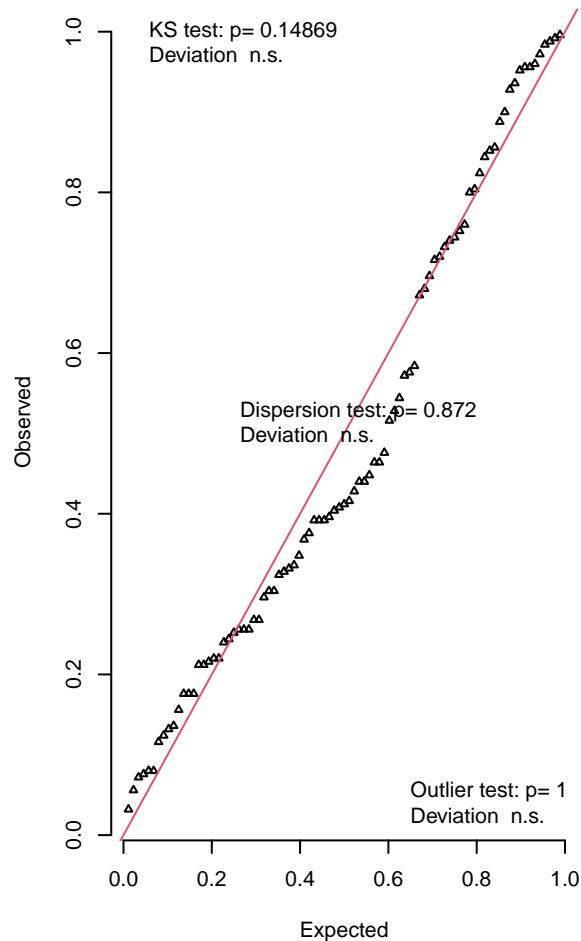


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

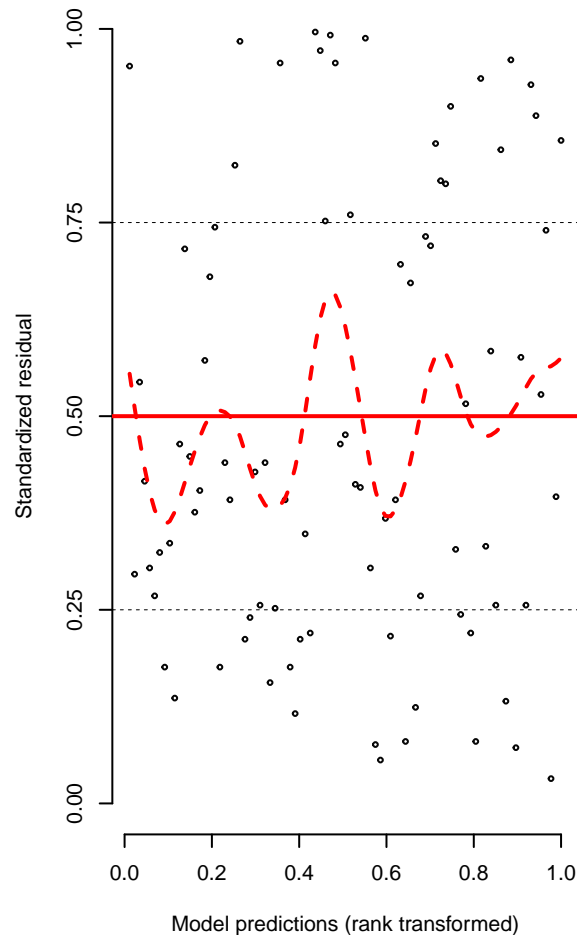


FRic ~ intercept + area_std + fish1 + temp_std + time_convert_std

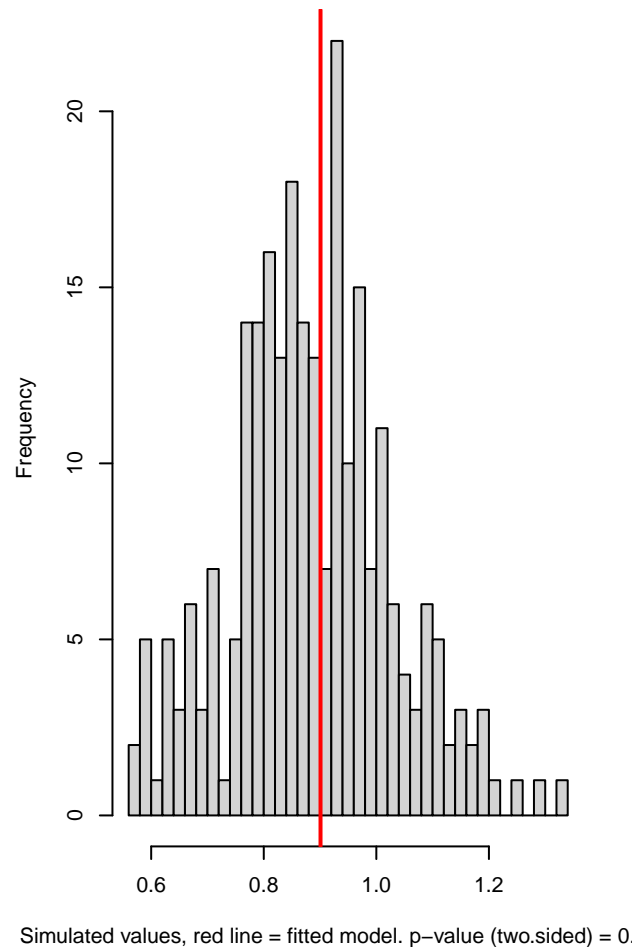
QQ plot residuals



Residual vs. predicted

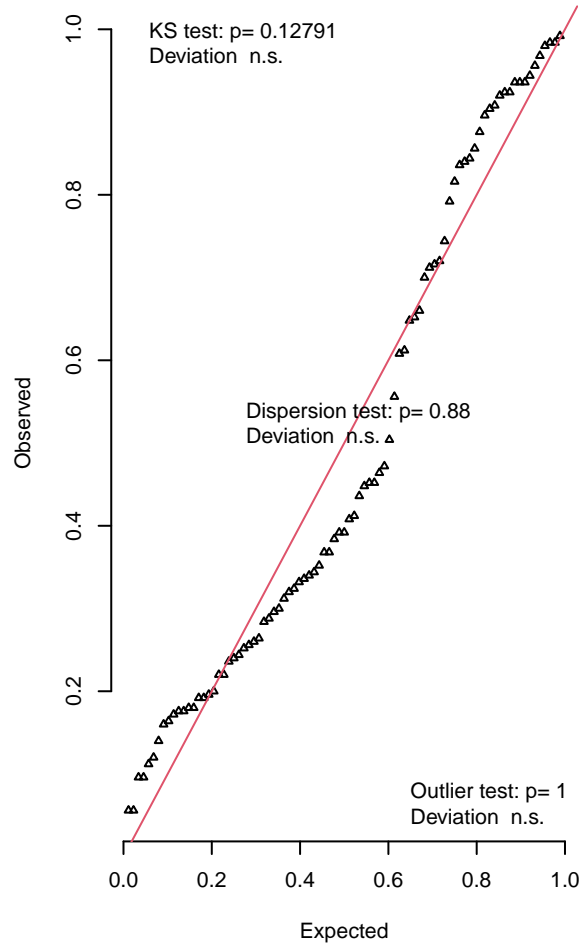


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

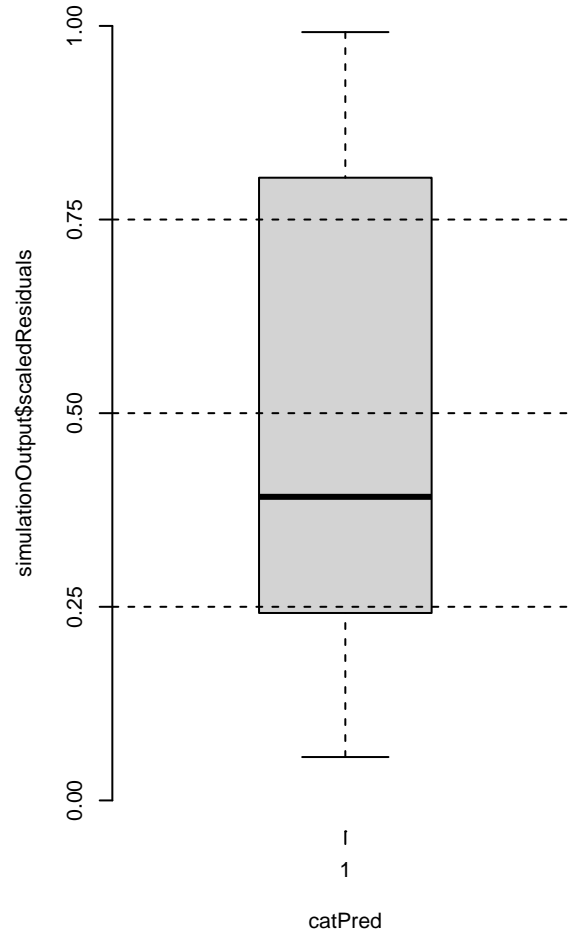


FRic ~ intercept

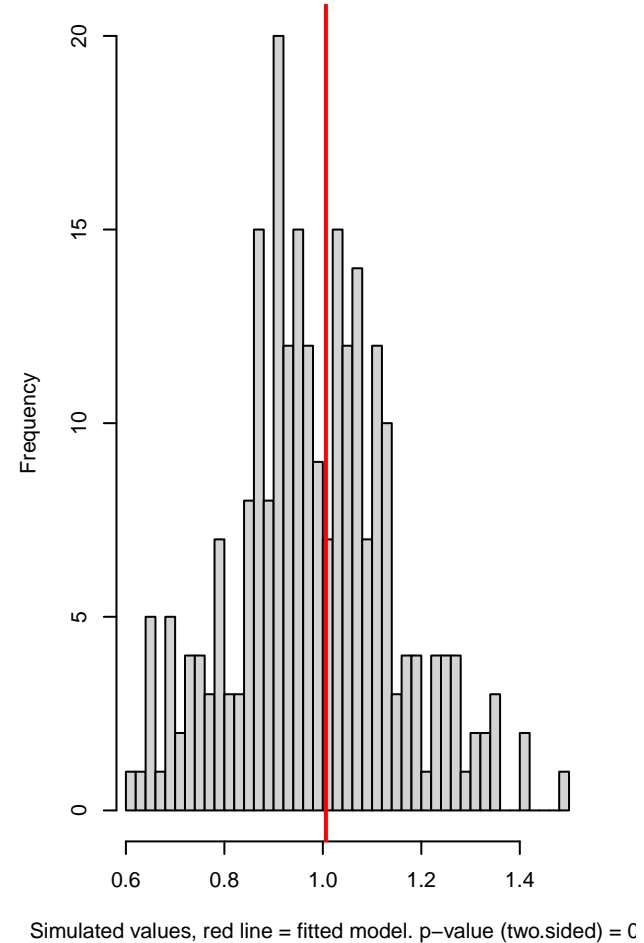
QQ plot residuals



Within-group deviation from uniformity n.s.

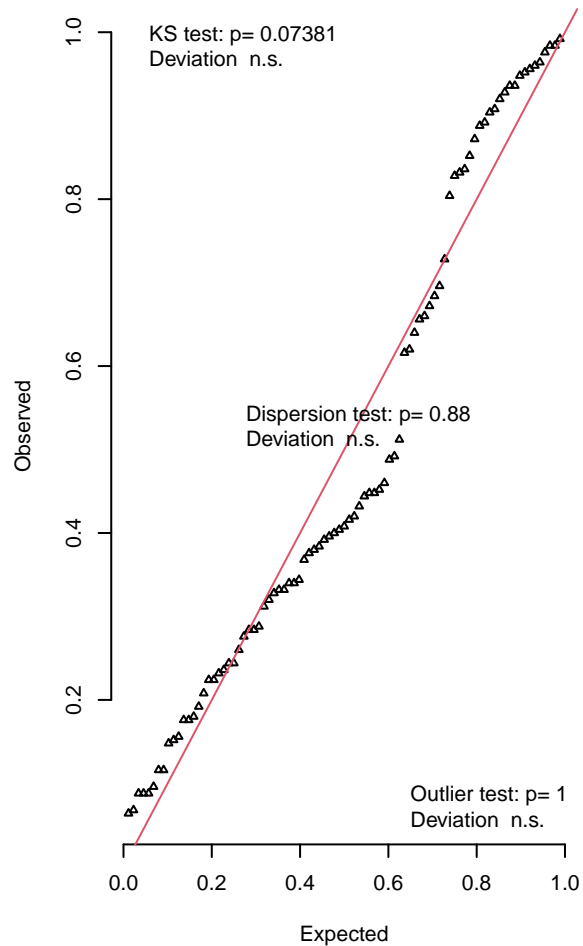


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

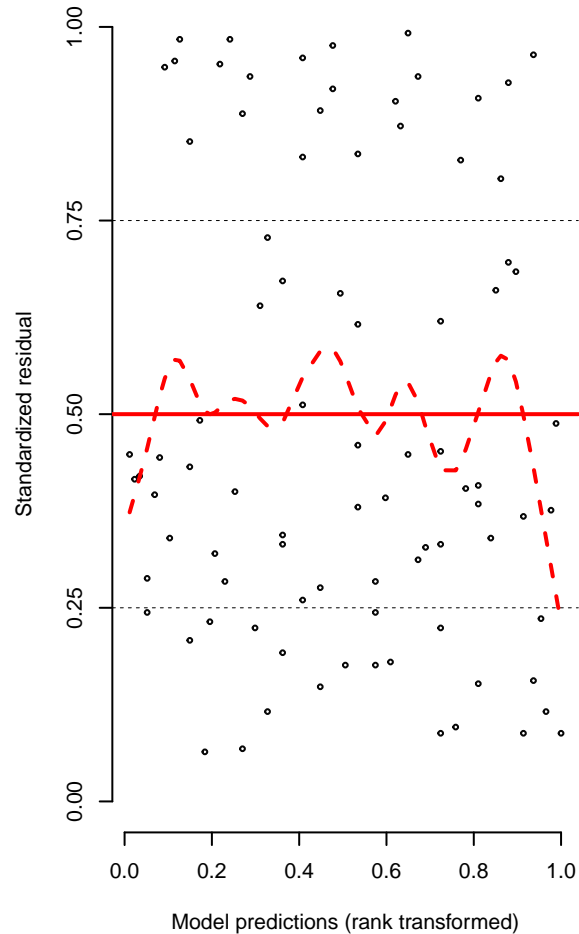


FRic ~ intercept + temp_std

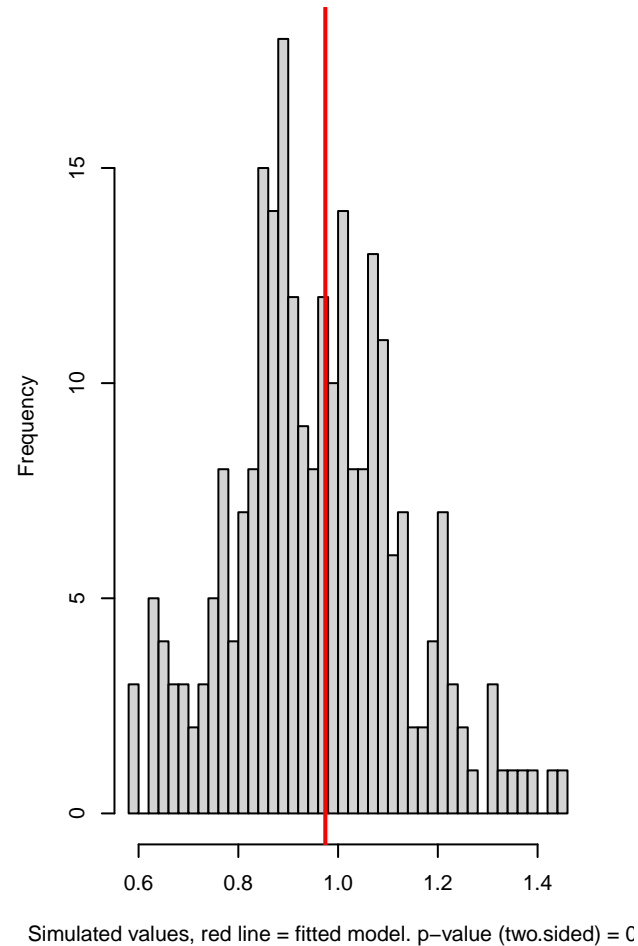
QQ plot residuals



Residual vs. predicted

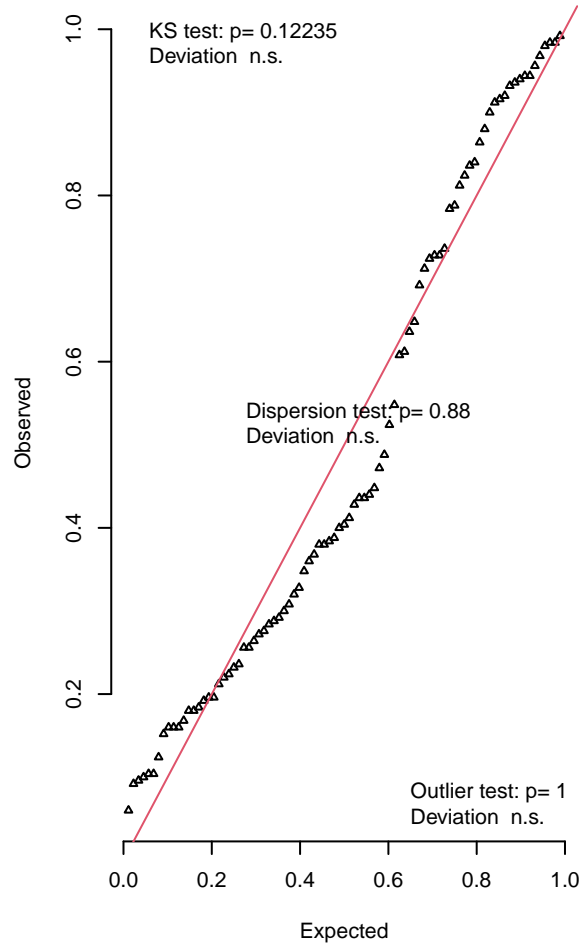


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

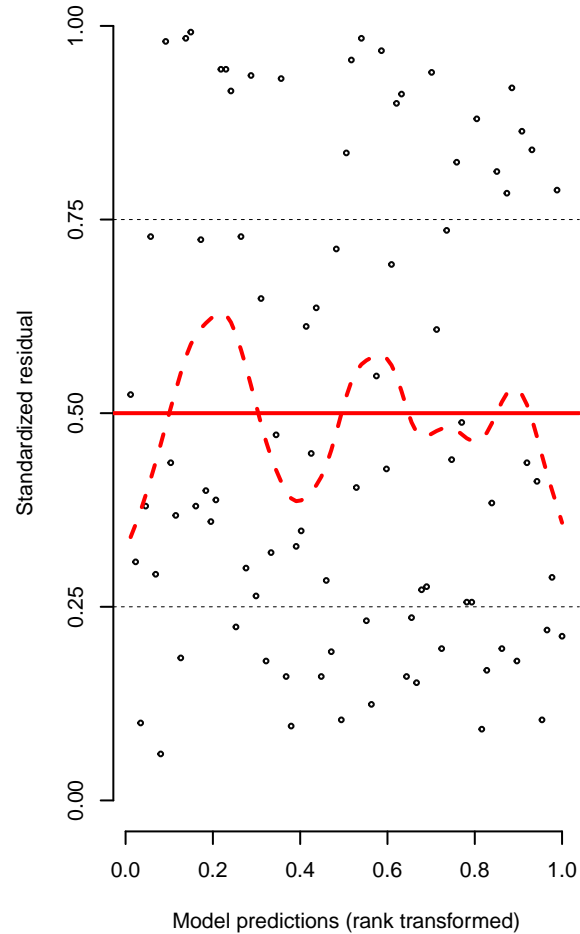


FRic ~ intercept + area_std

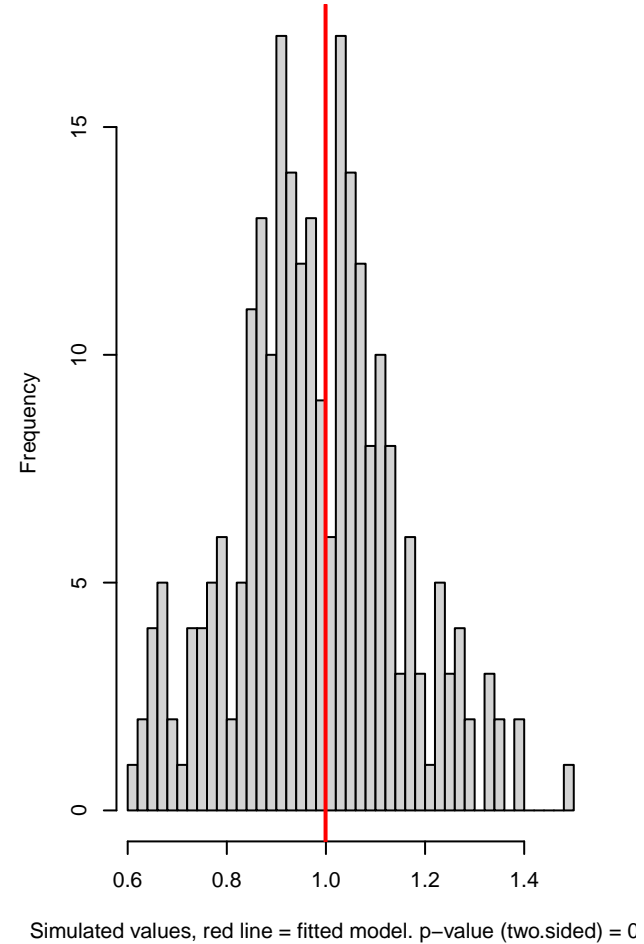
QQ plot residuals



Residual vs. predicted

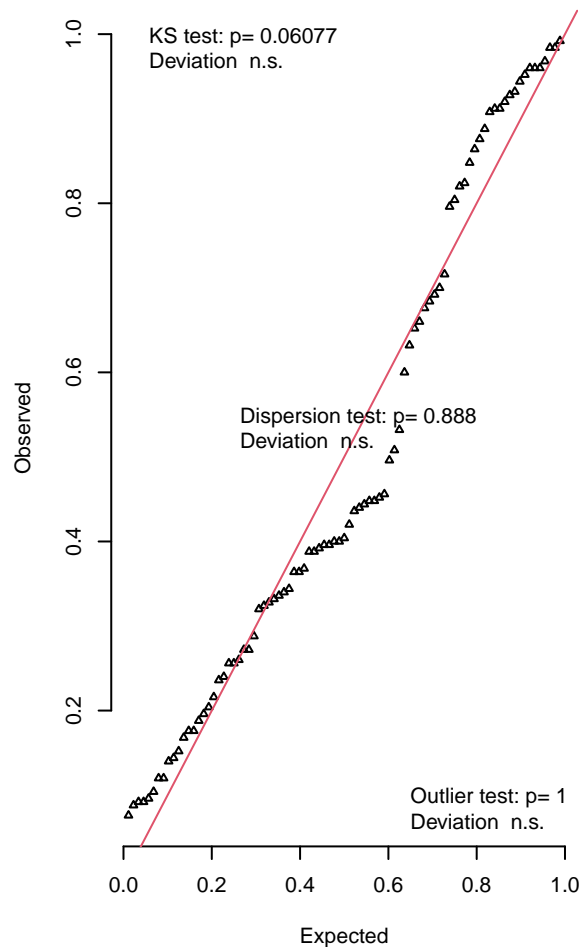


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

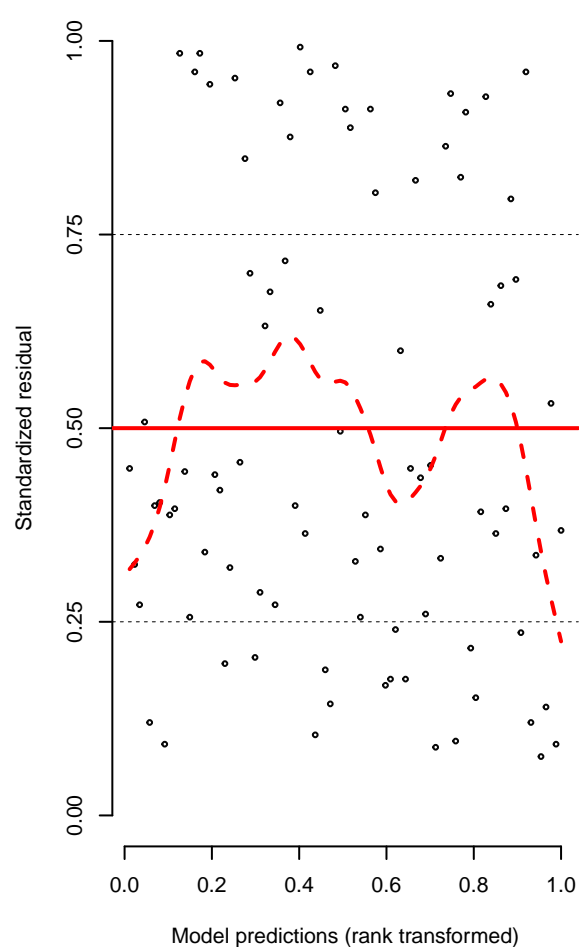


FRic ~ intercept + area_std + temp_std

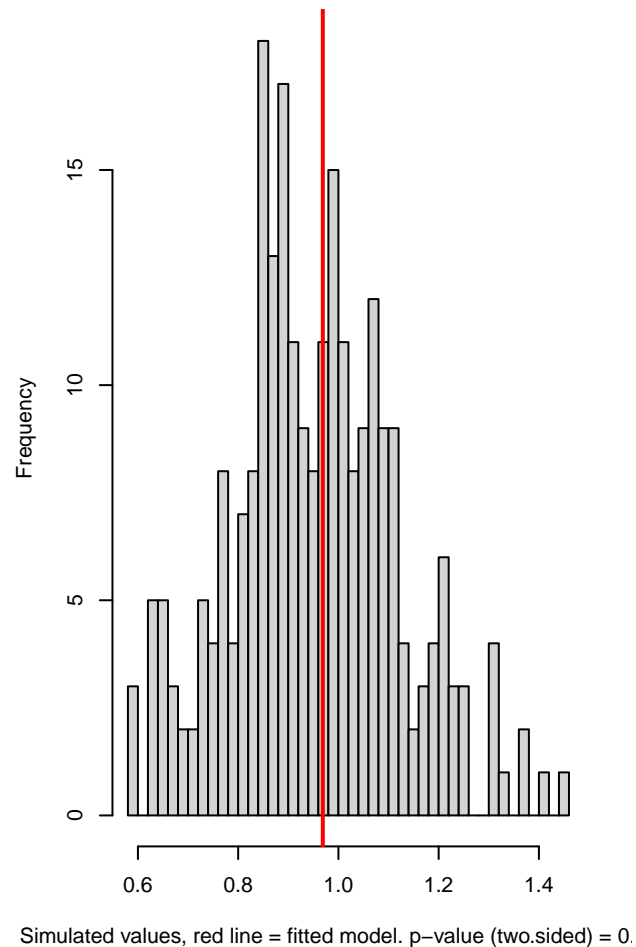
QQ plot residuals



Residual vs. predicted

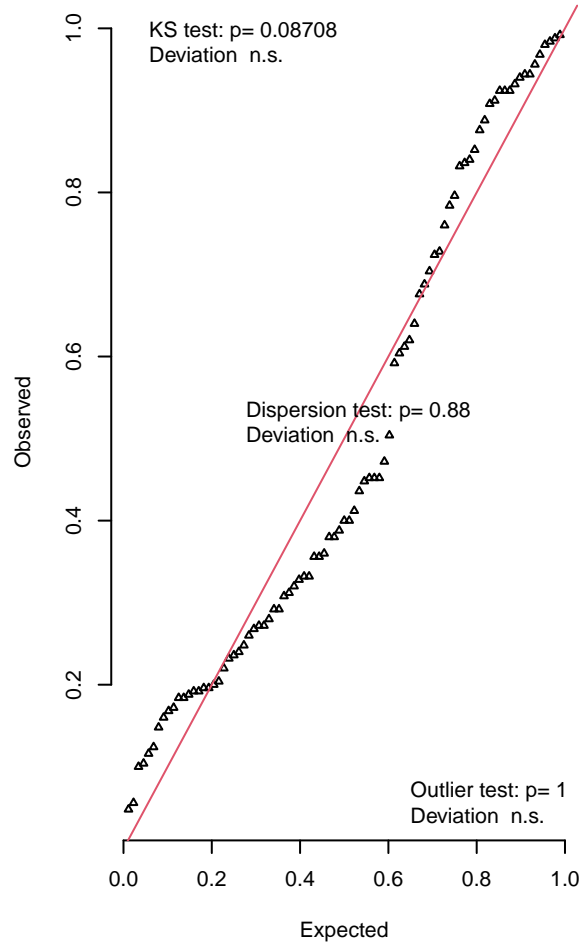


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

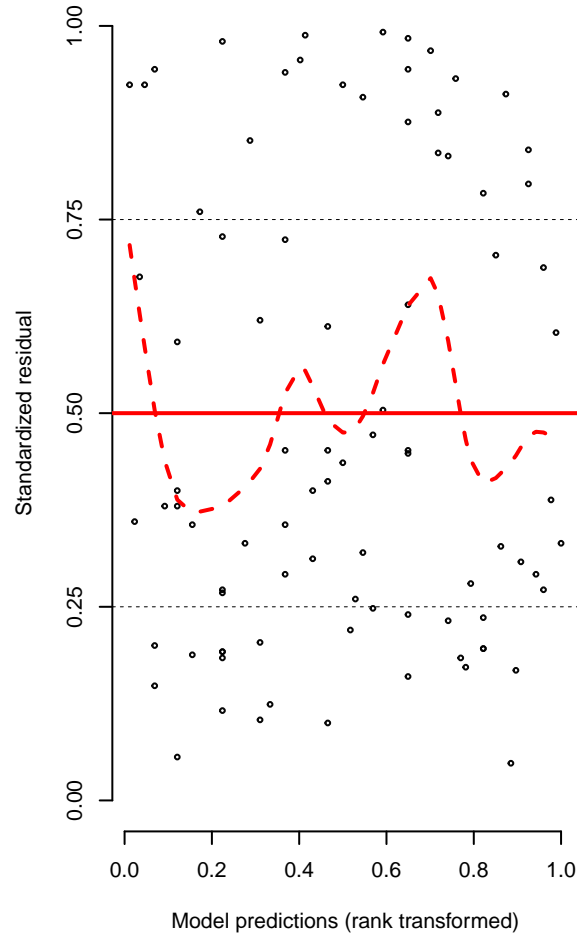


FRic ~ intercept + time_convert_std

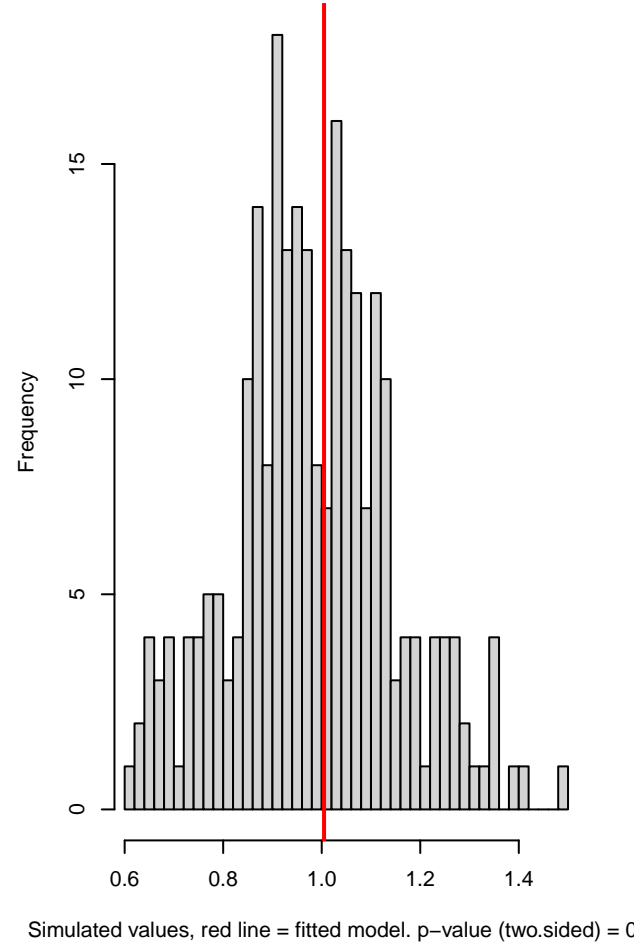
QQ plot residuals



Residual vs. predicted

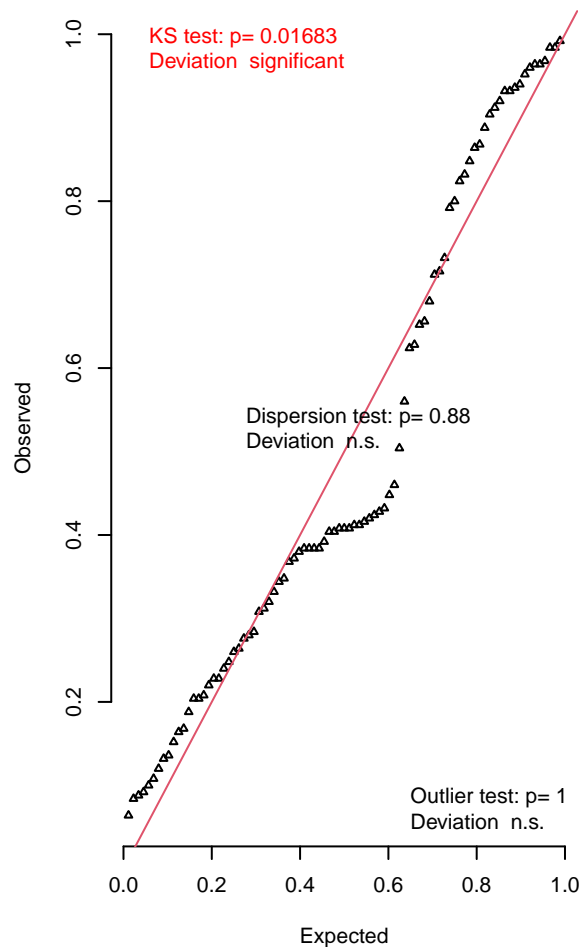


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

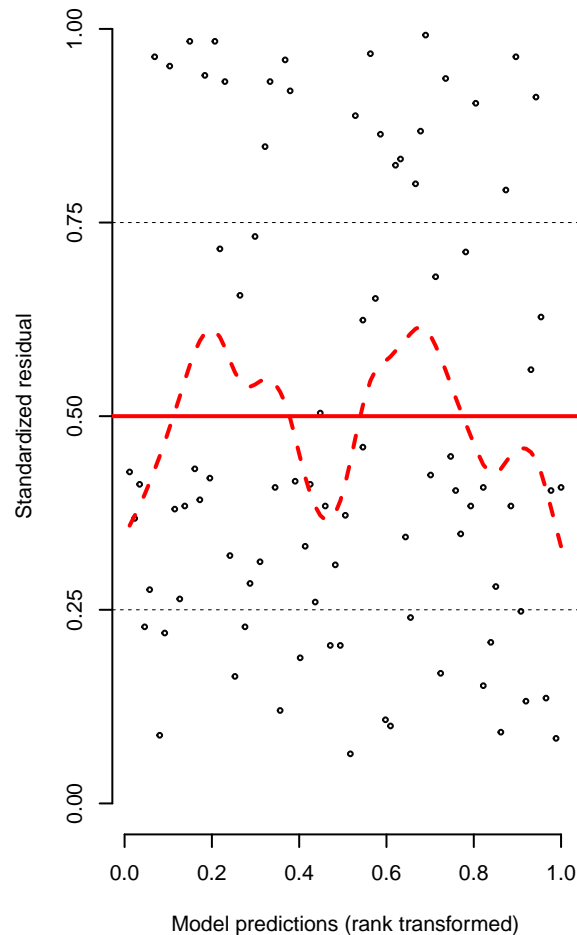


FRic ~ intercept + temp_std + time_convert_std

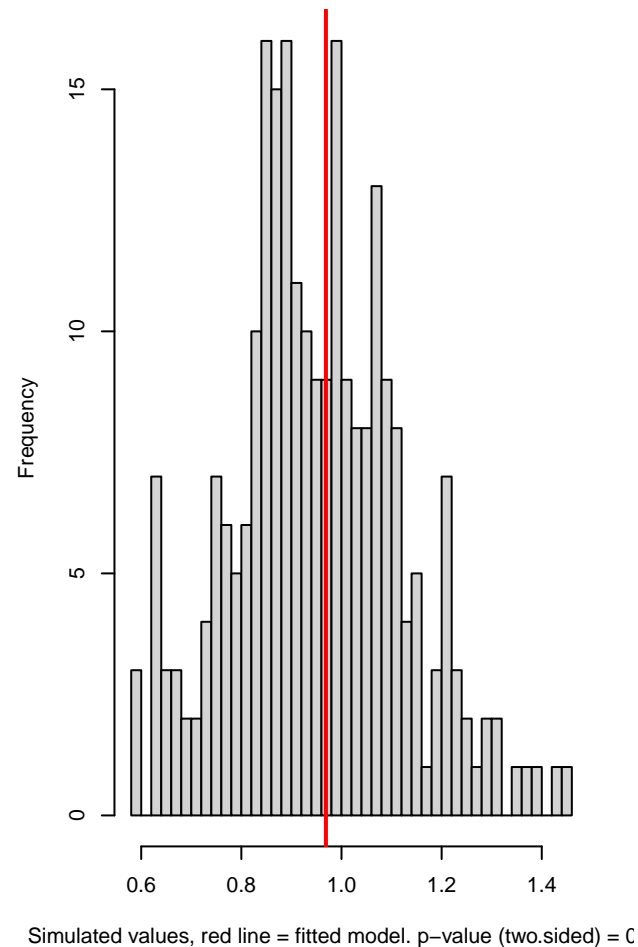
QQ plot residuals



Residual vs. predicted

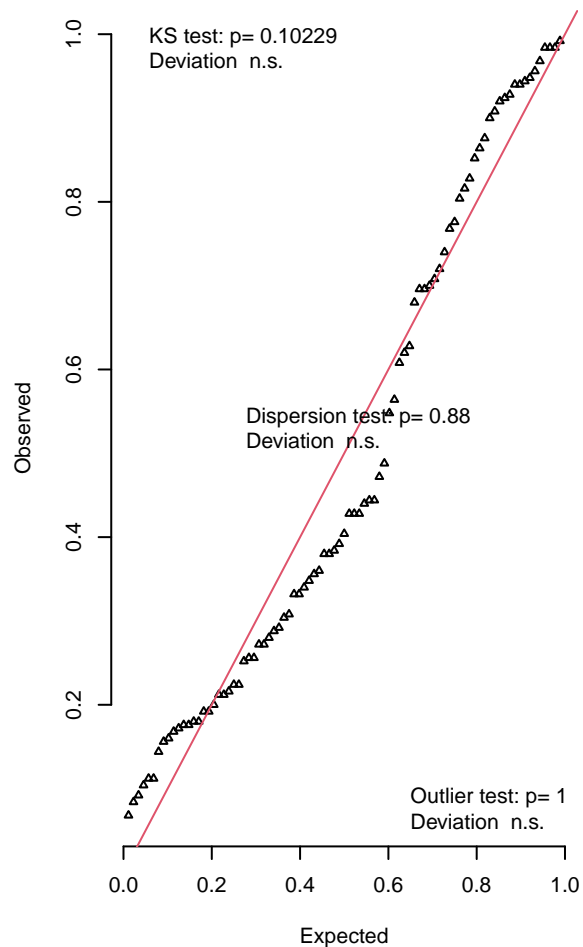


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

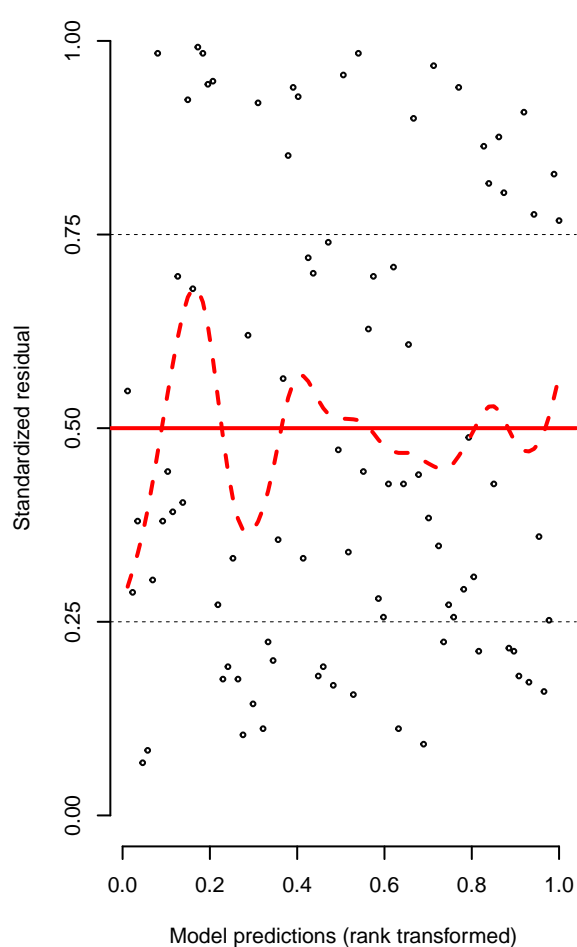


FRic ~ intercept + area_std + time_convert_std

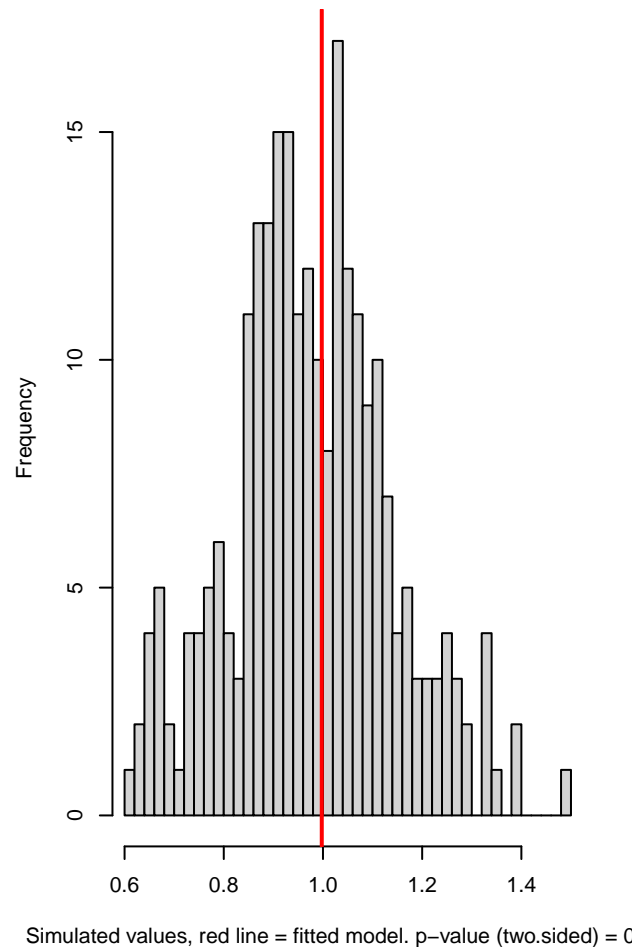
QQ plot residuals



Residual vs. predicted

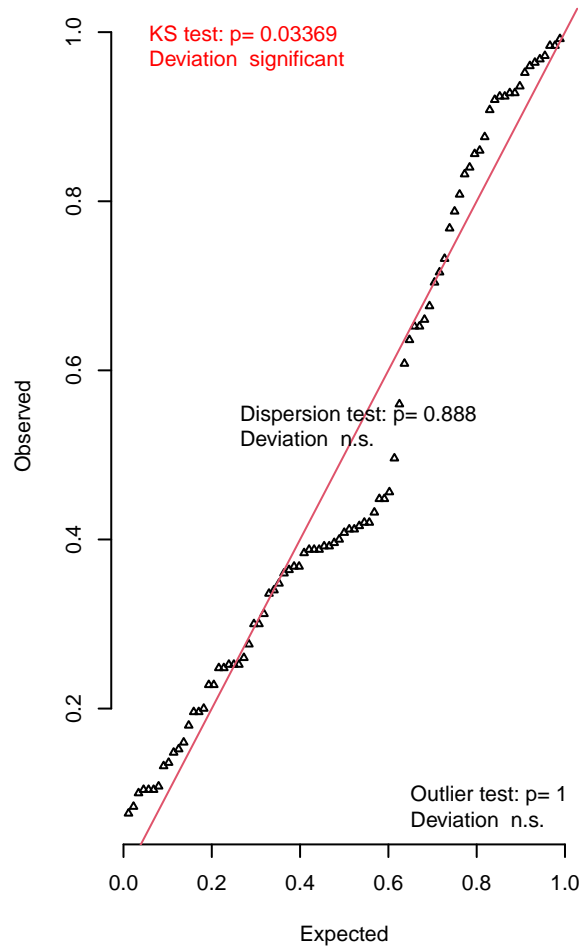


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

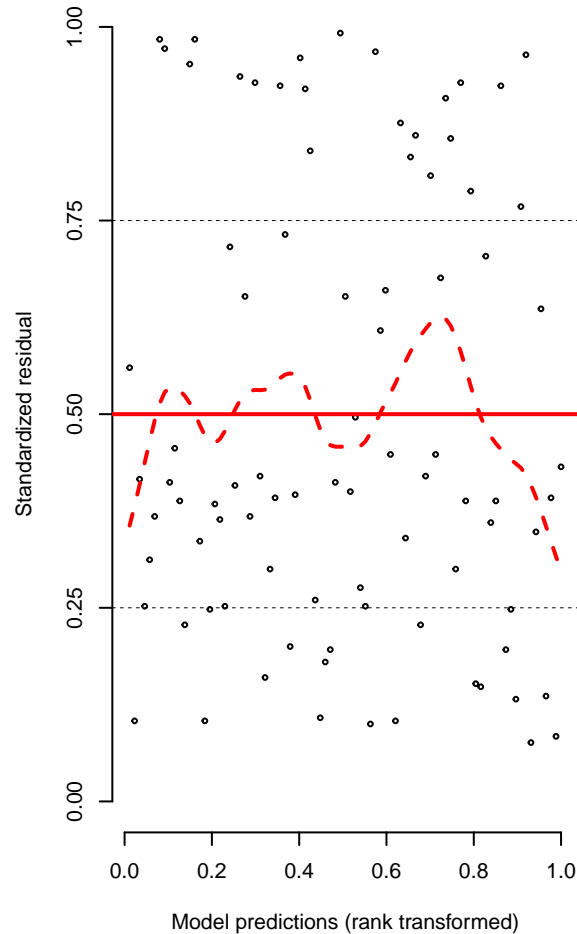


FRic ~ intercept + area_std + temp_std + time_convert_std

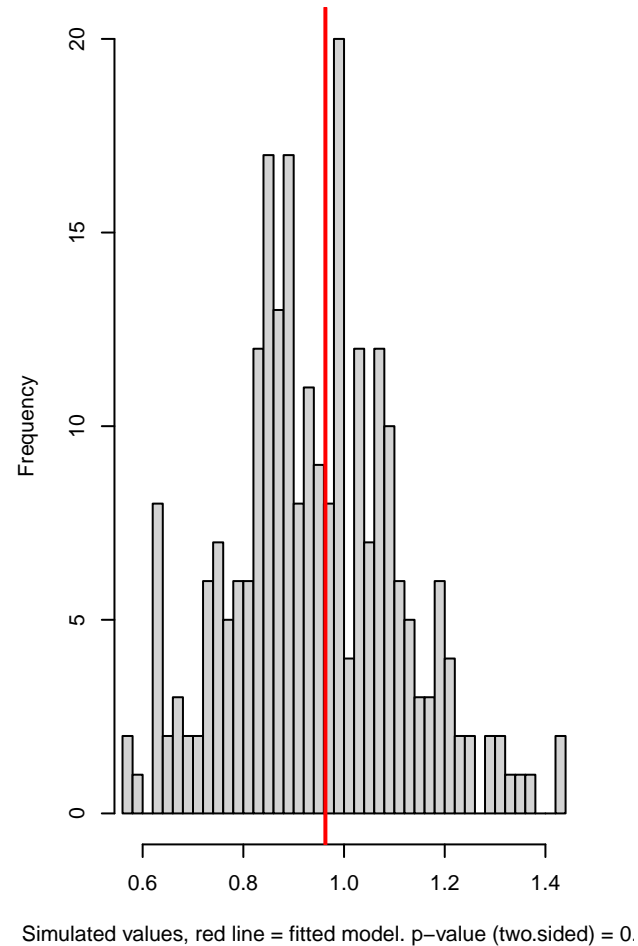
QQ plot residuals



Residual vs. predicted

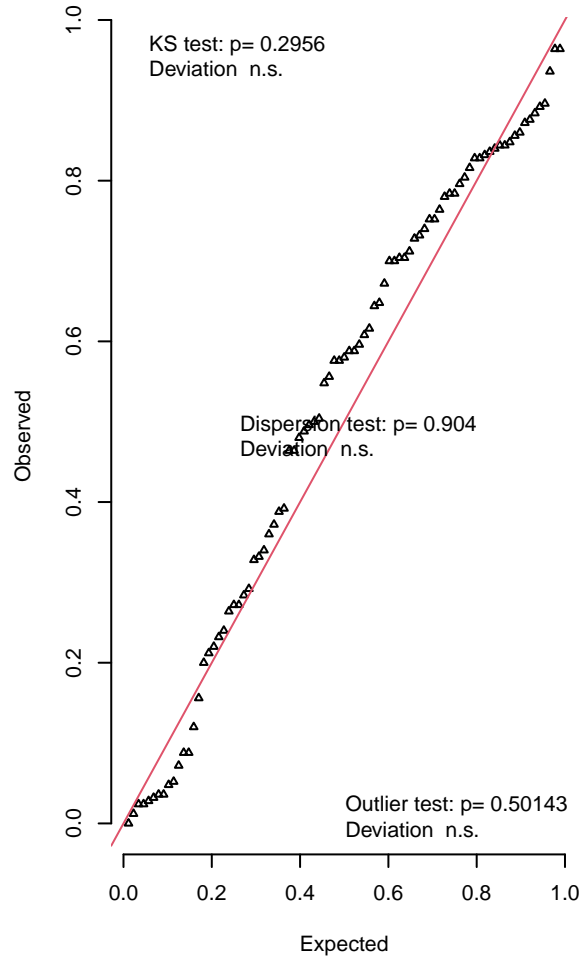


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

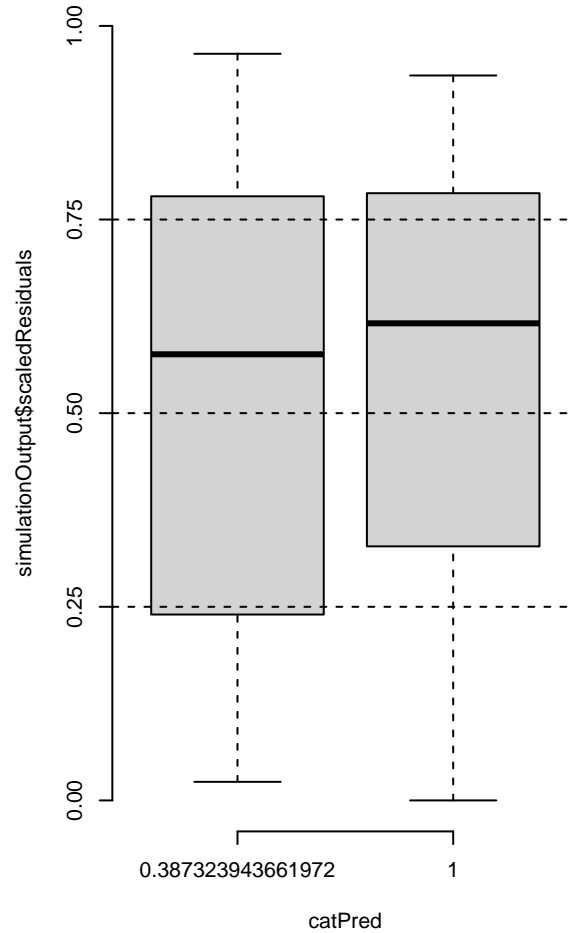


FDis ~ intercept + fish1

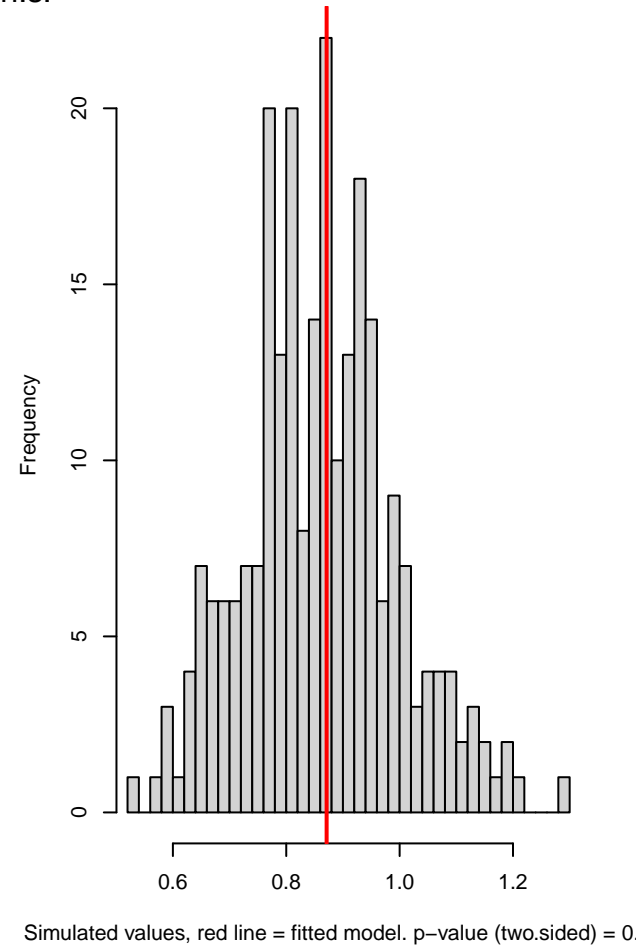
QQ plot residuals



Within-group deviation from uniformity n.s.
Levene Test for homogeneity of variance n.s.

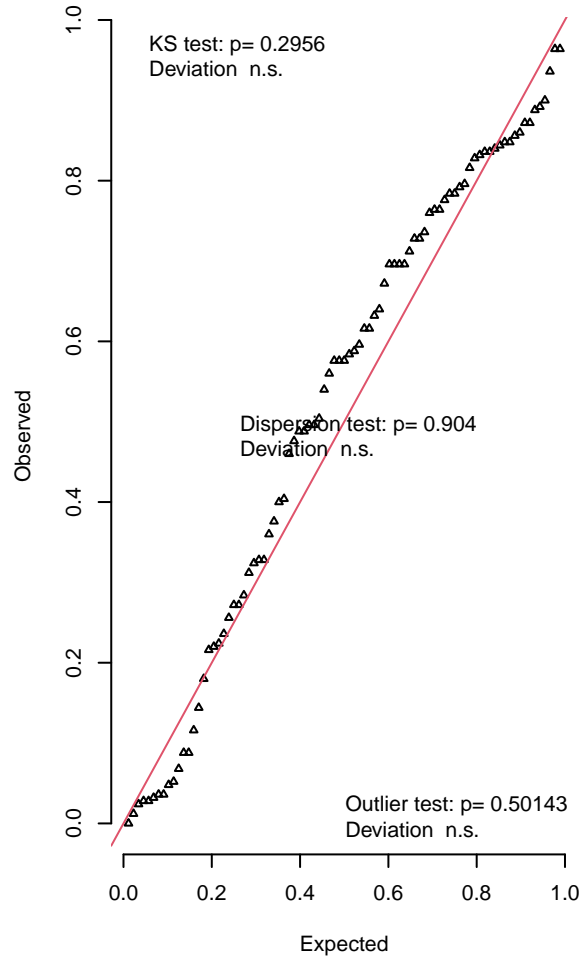


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

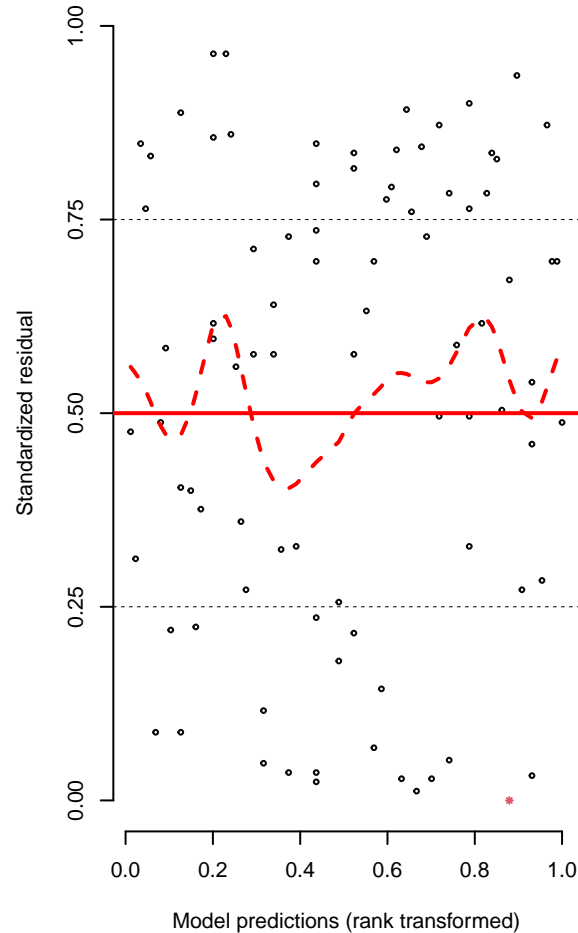


FDis ~ intercept + fish1 + time_convert_std

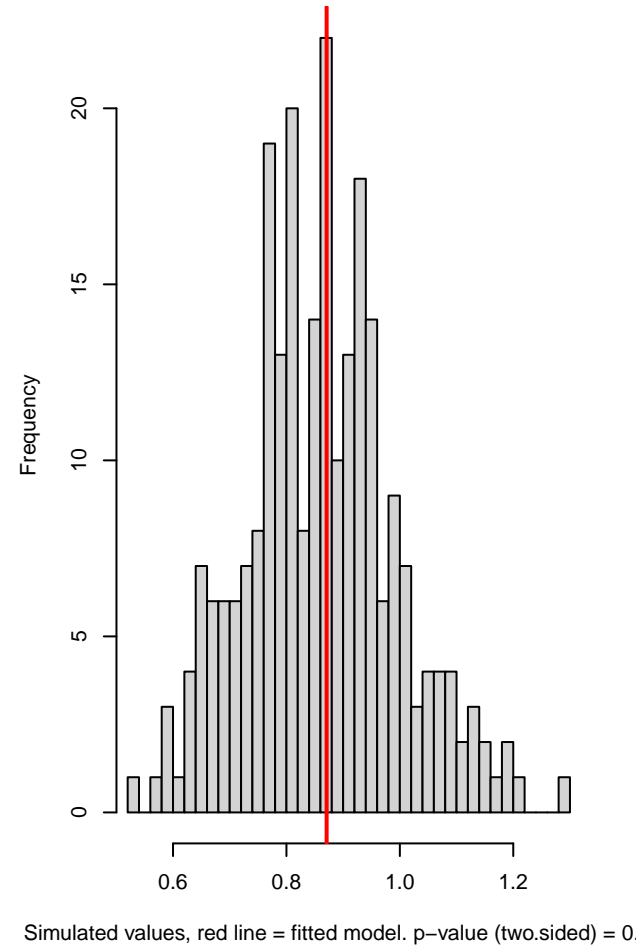
QQ plot residuals



Residual vs. predicted

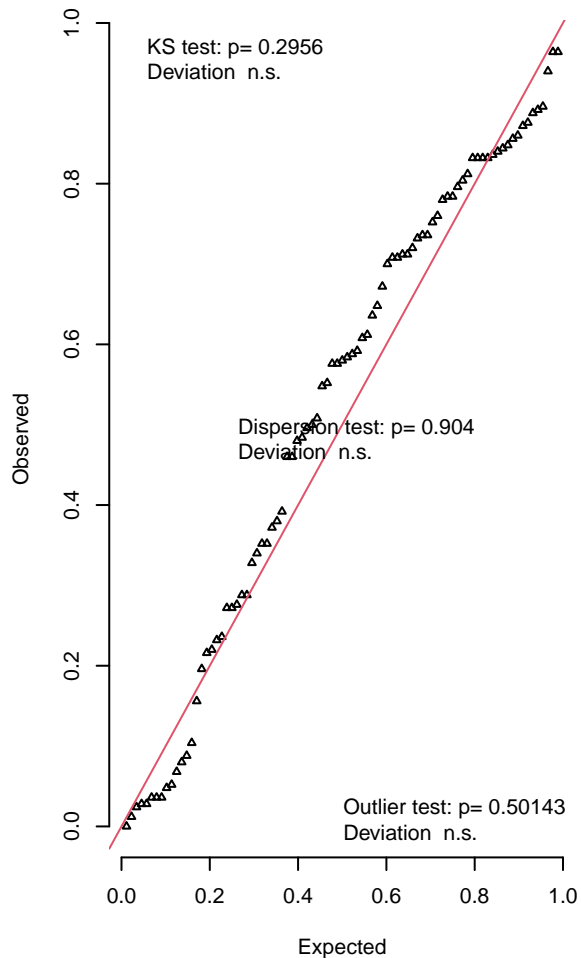


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

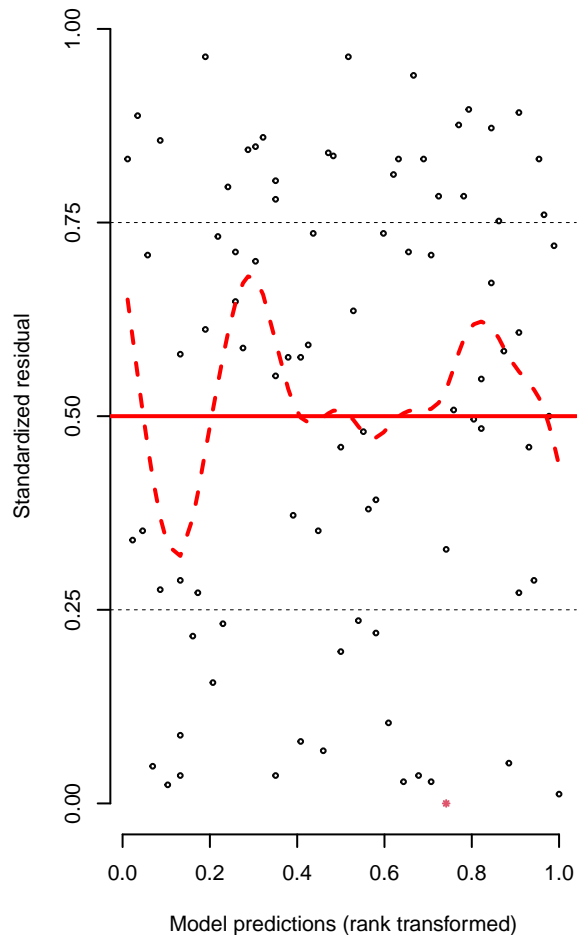


FDis ~ intercept + fish1 + temp_std

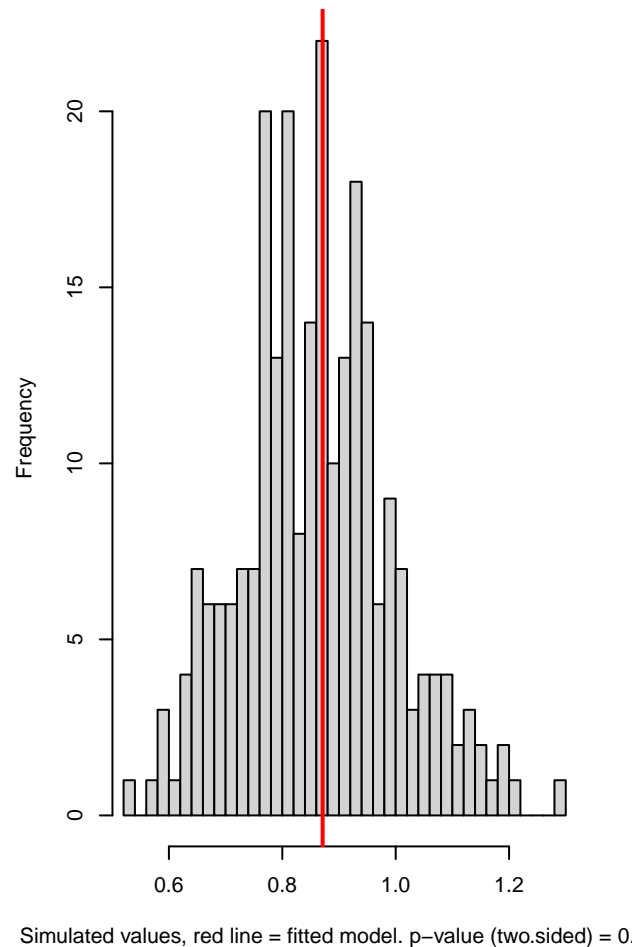
QQ plot residuals



Residual vs. predicted

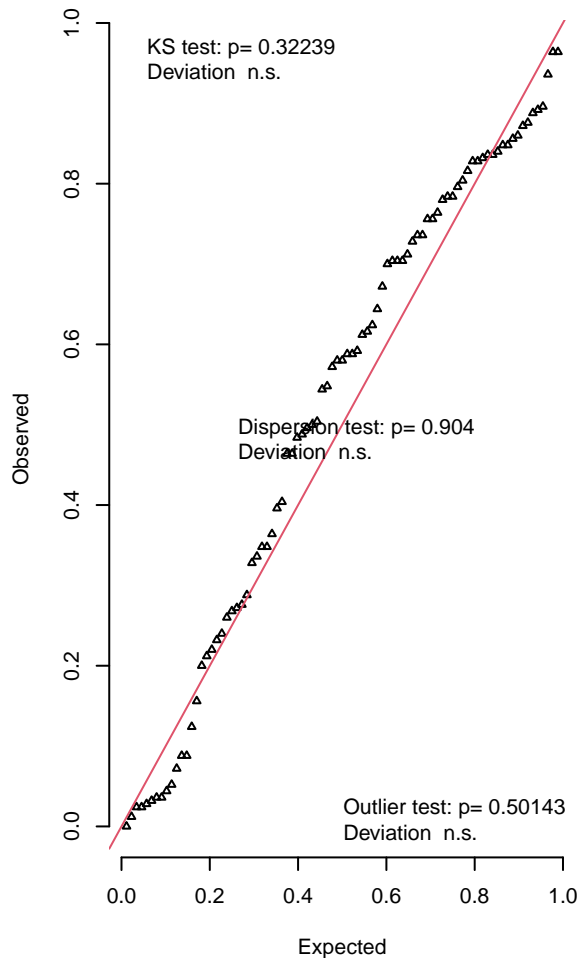


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

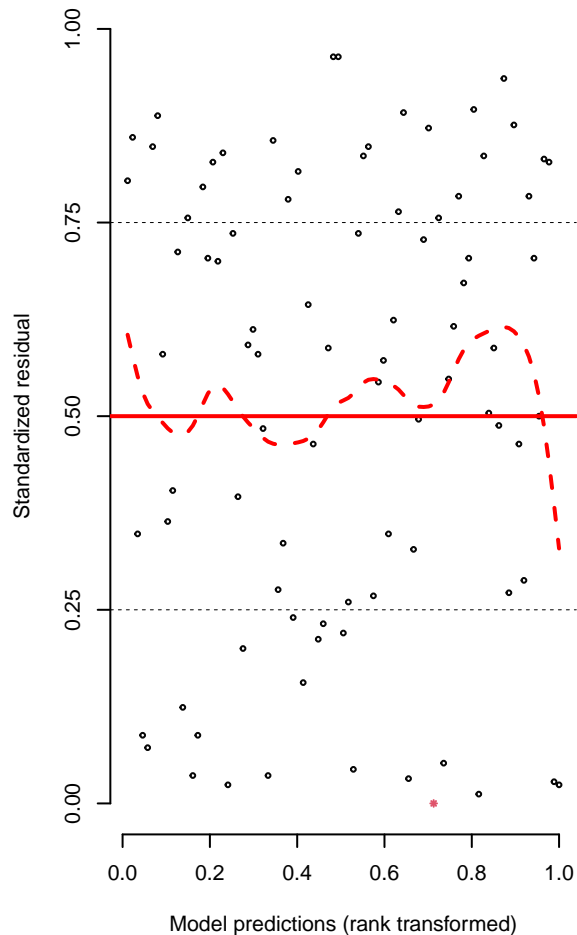


FDis ~ intercept + area_std + fish1

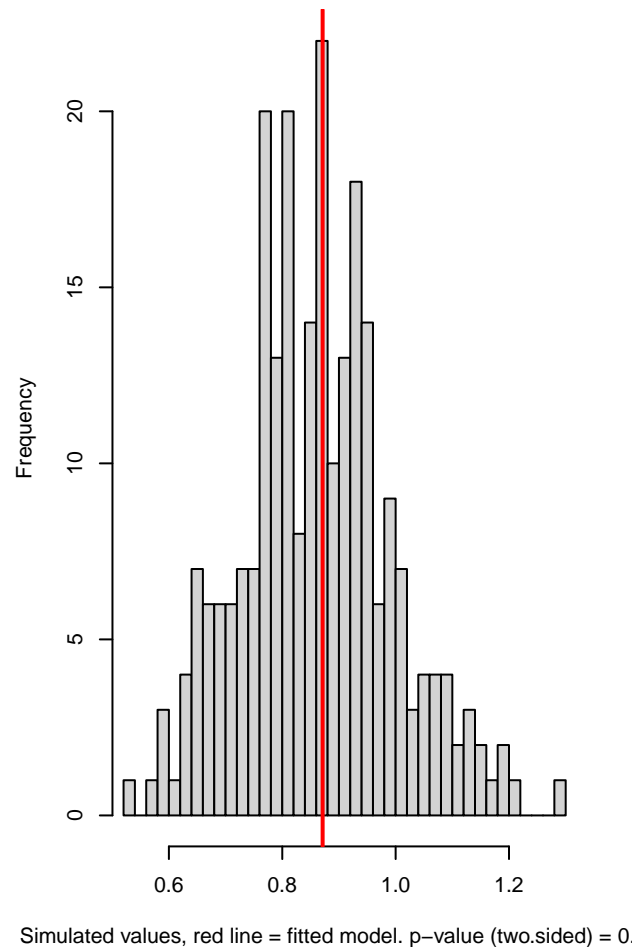
QQ plot residuals



Residual vs. predicted

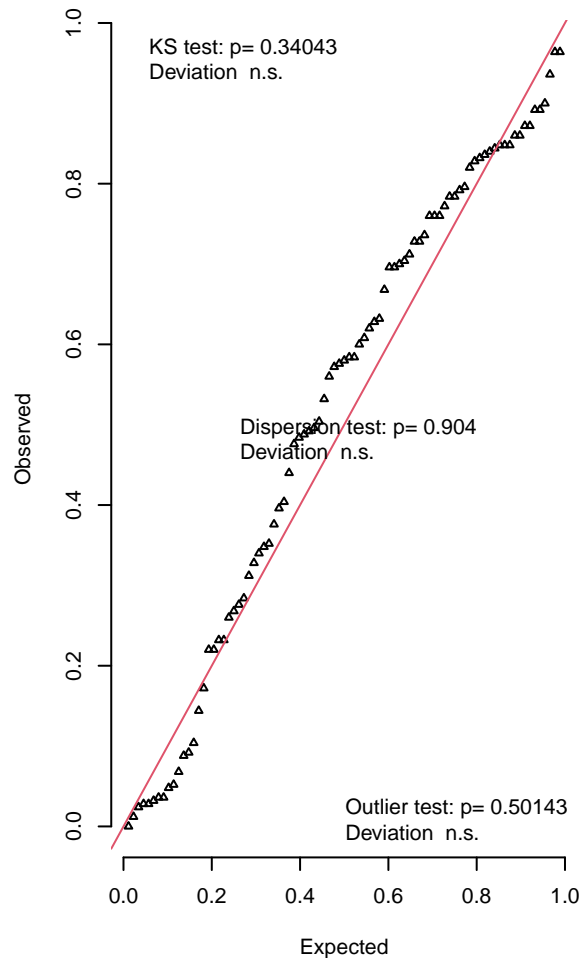


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

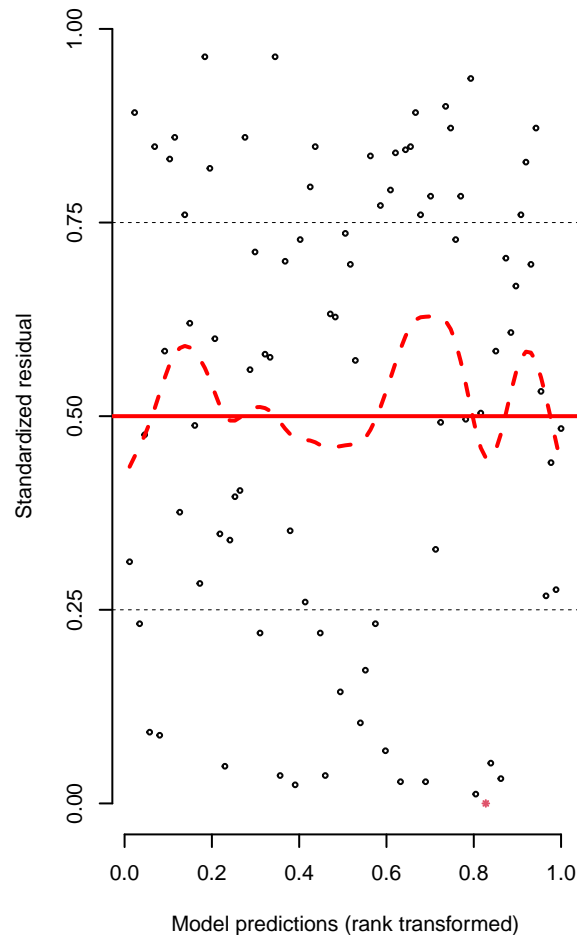


FDis ~ intercept + fish1 + temp_std + time_convert_std

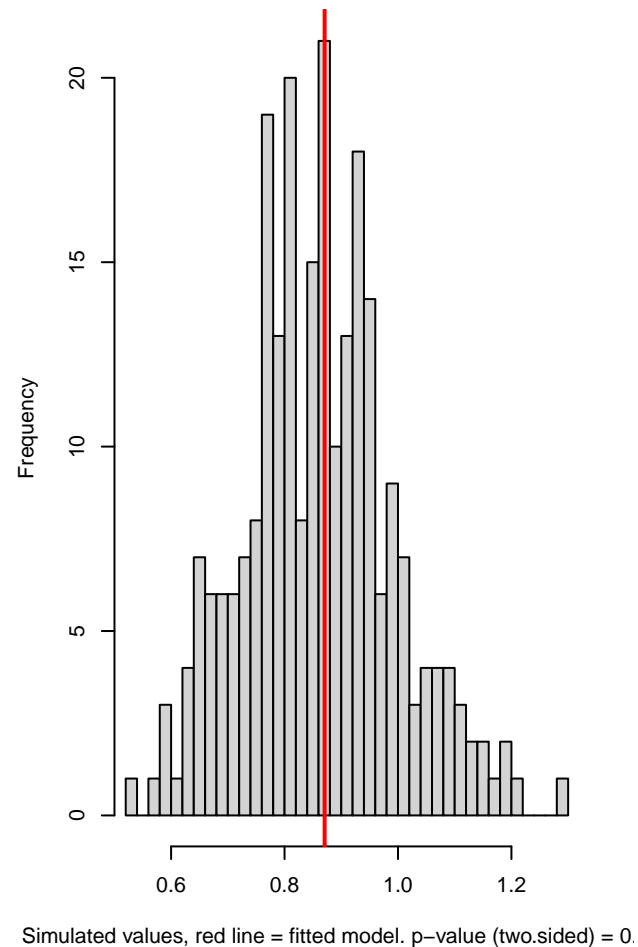
QQ plot residuals



Residual vs. predicted

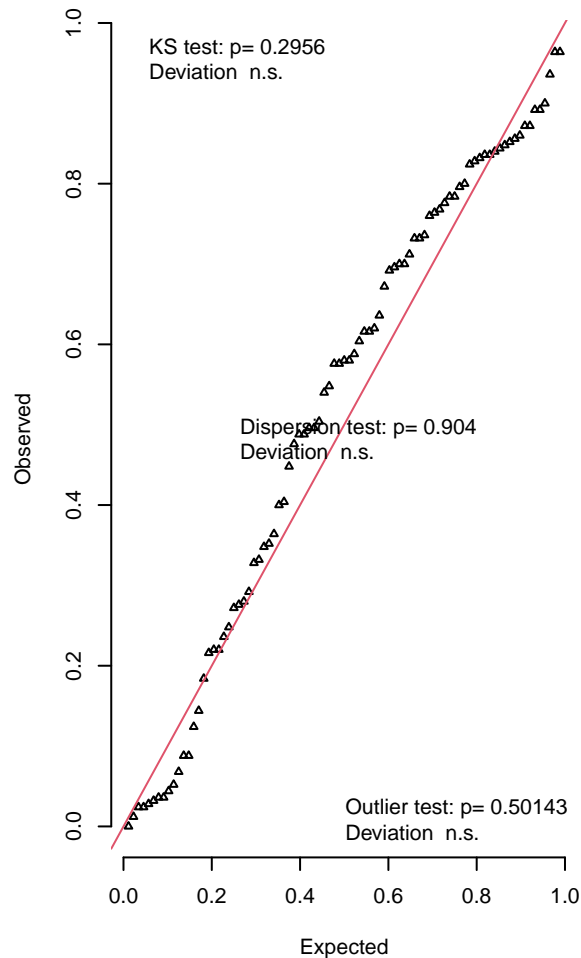


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

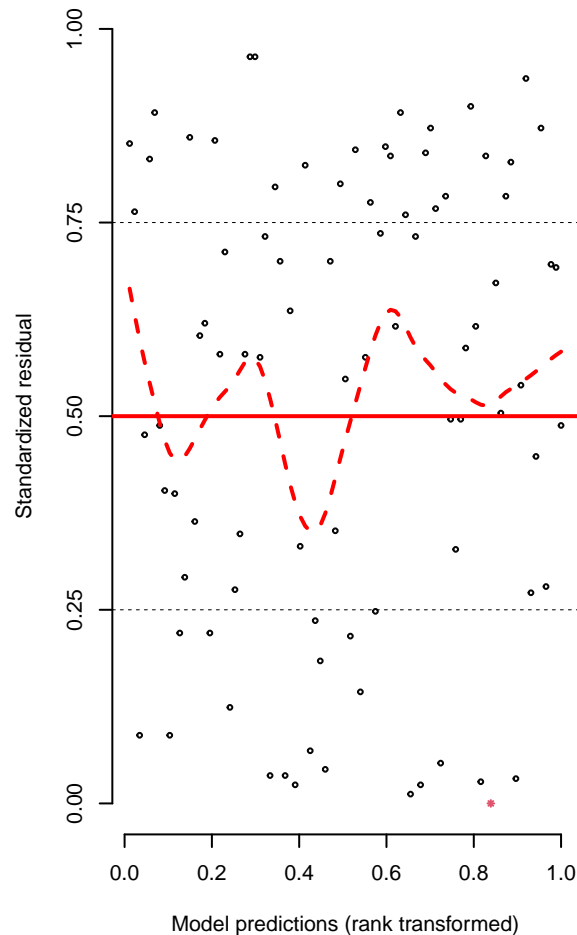


FDis ~ intercept + area_std + fish1 + time_convert_std

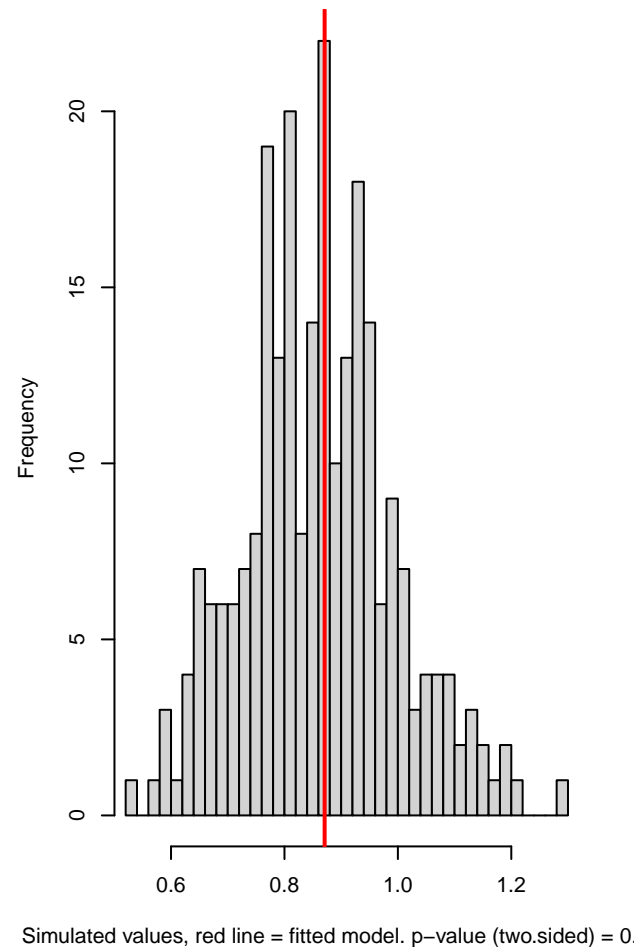
QQ plot residuals



Residual vs. predicted

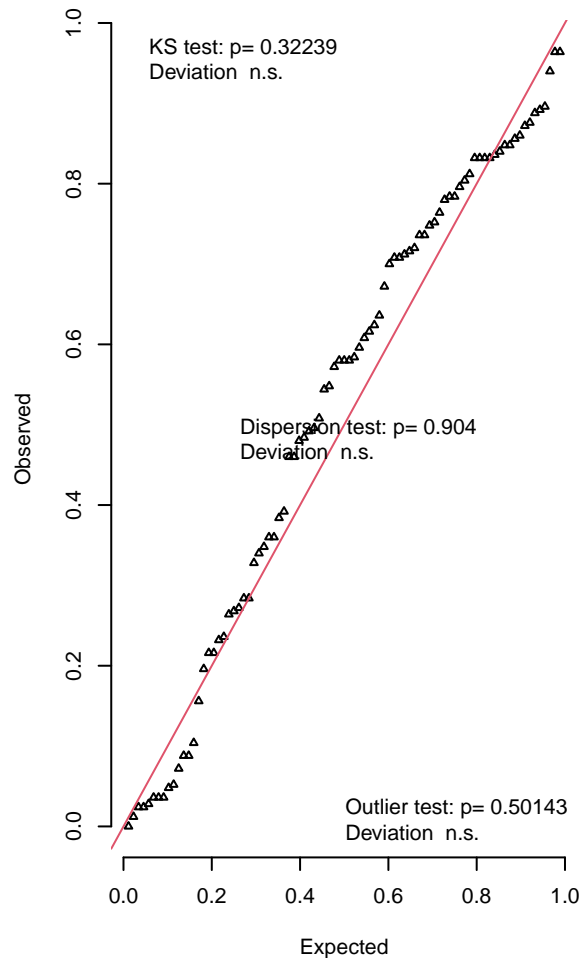


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

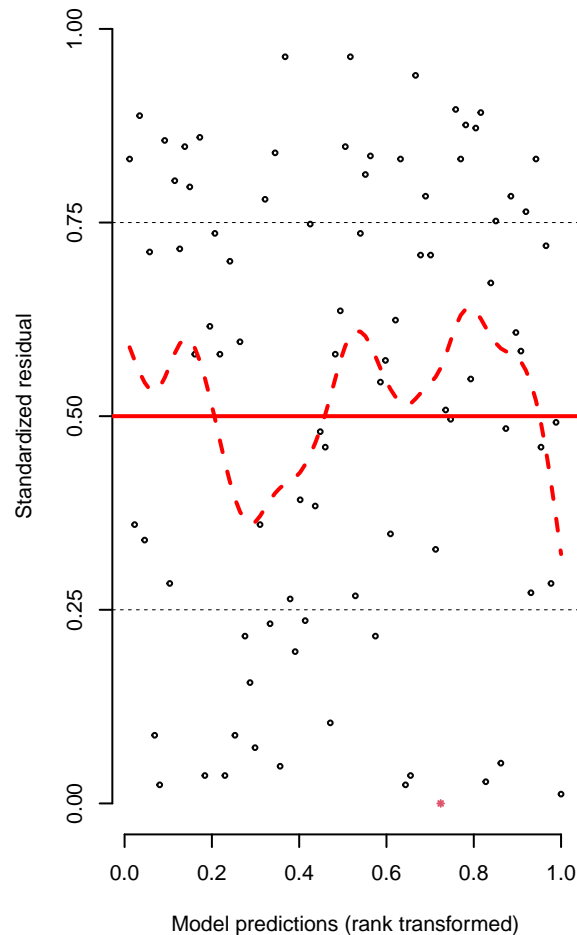


FDIs ~ intercept + area_std + fish1 + temp_std

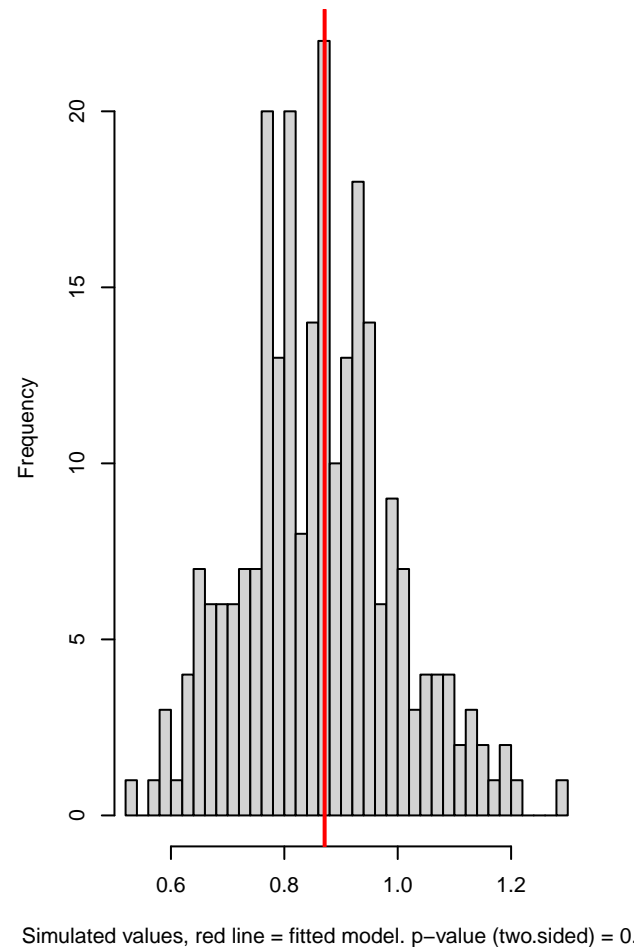
QQ plot residuals



Residual vs. predicted

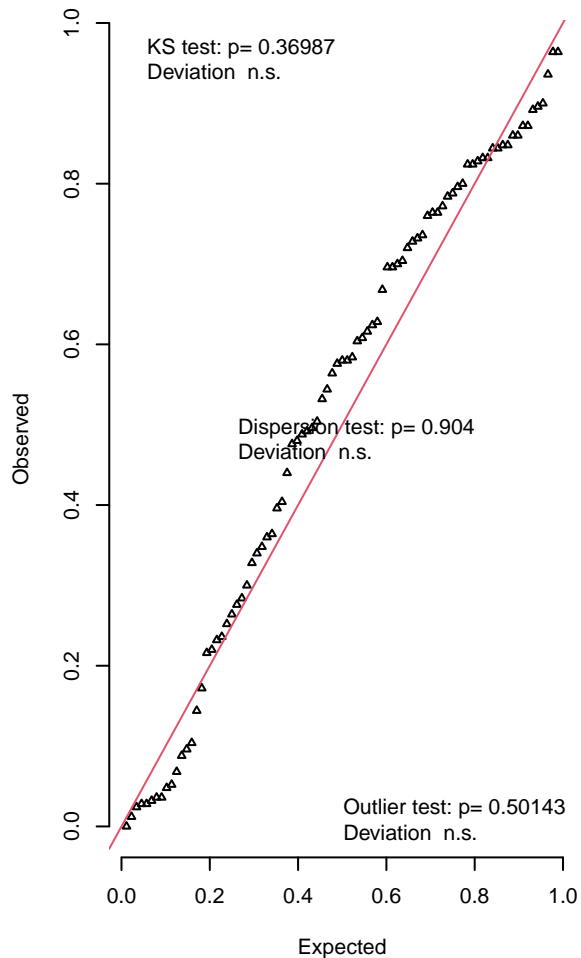


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

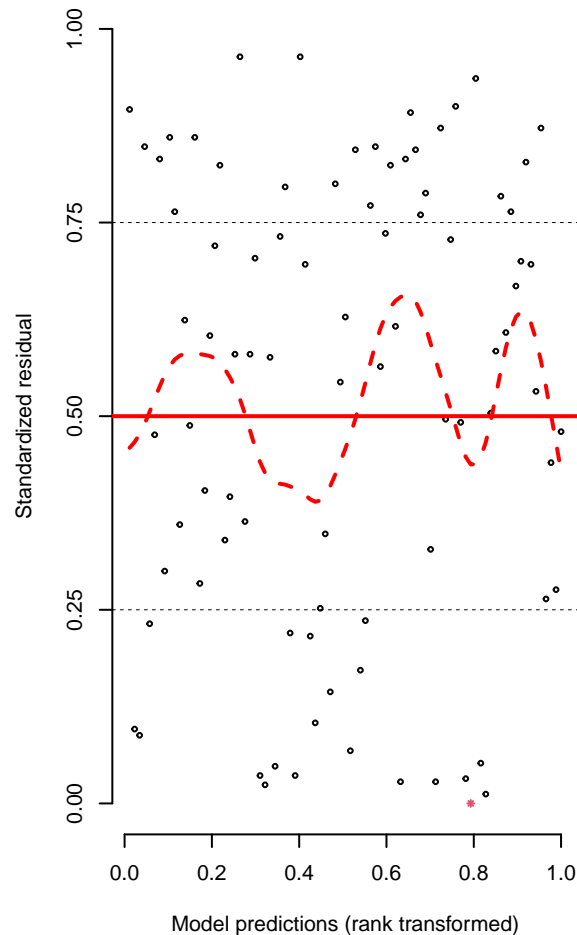


FDis ~ intercept + area_std + fish1 + temp_std + time_convert_std

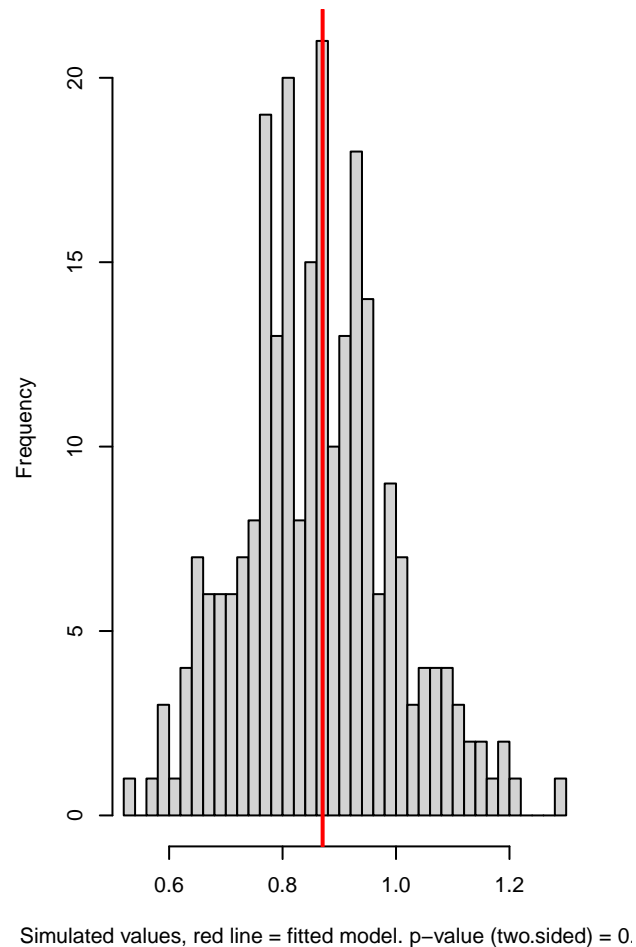
QQ plot residuals



Residual vs. predicted

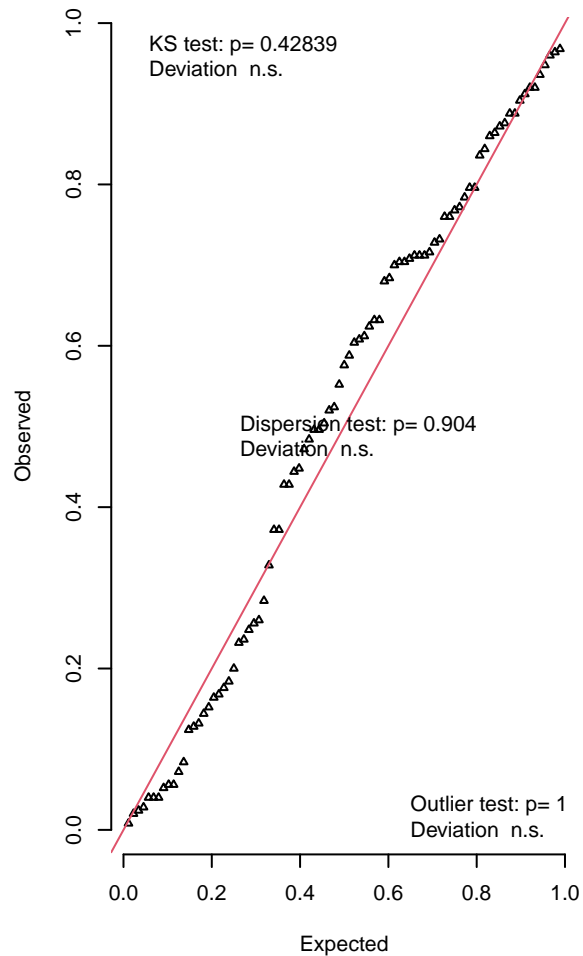


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

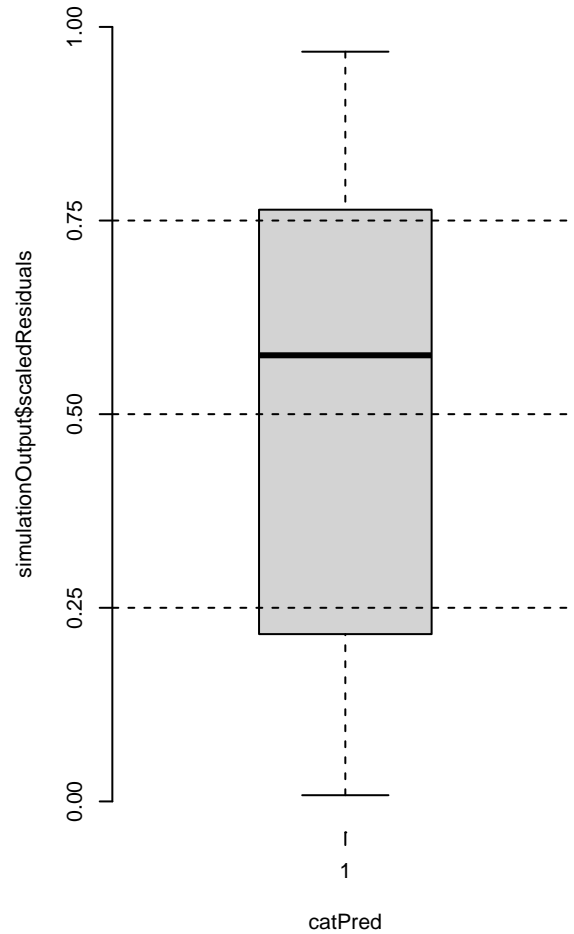


FDis ~ intercept

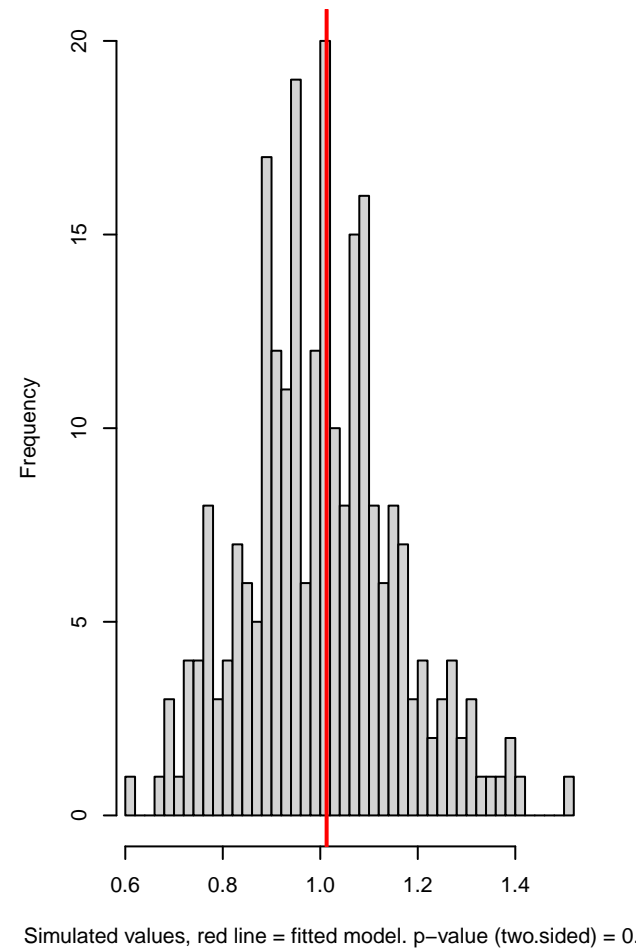
QQ plot residuals



Within-group deviation from uniformity n.s.

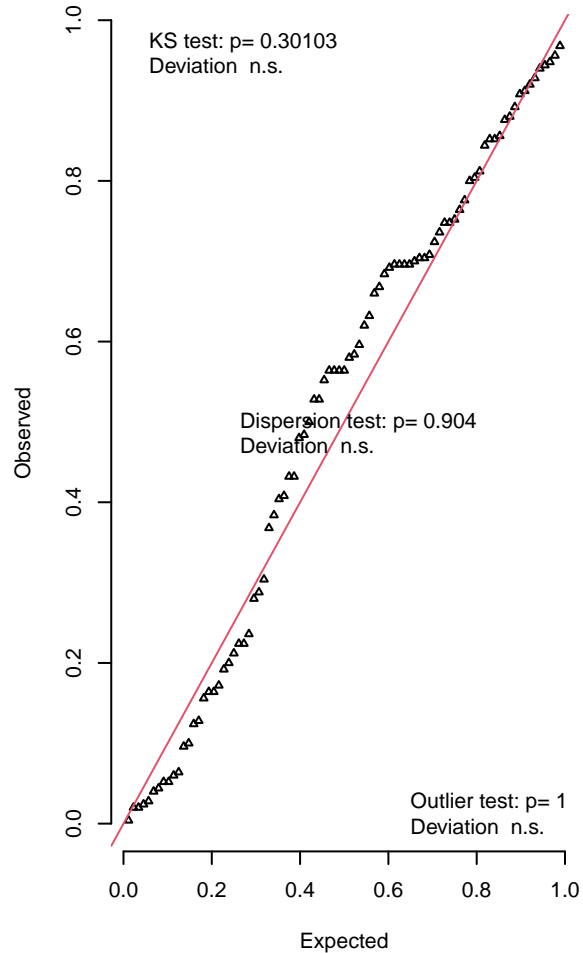


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

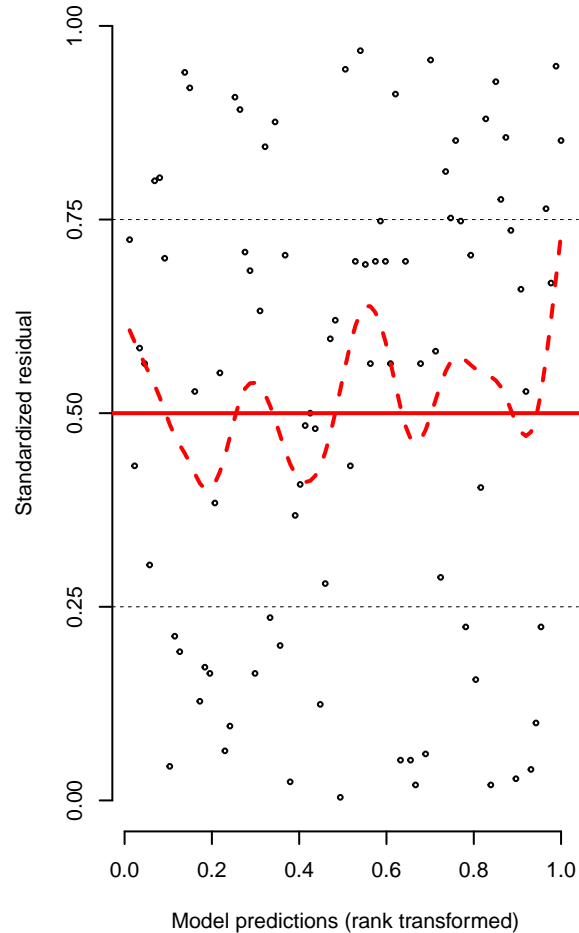


FDis ~ intercept + area_std

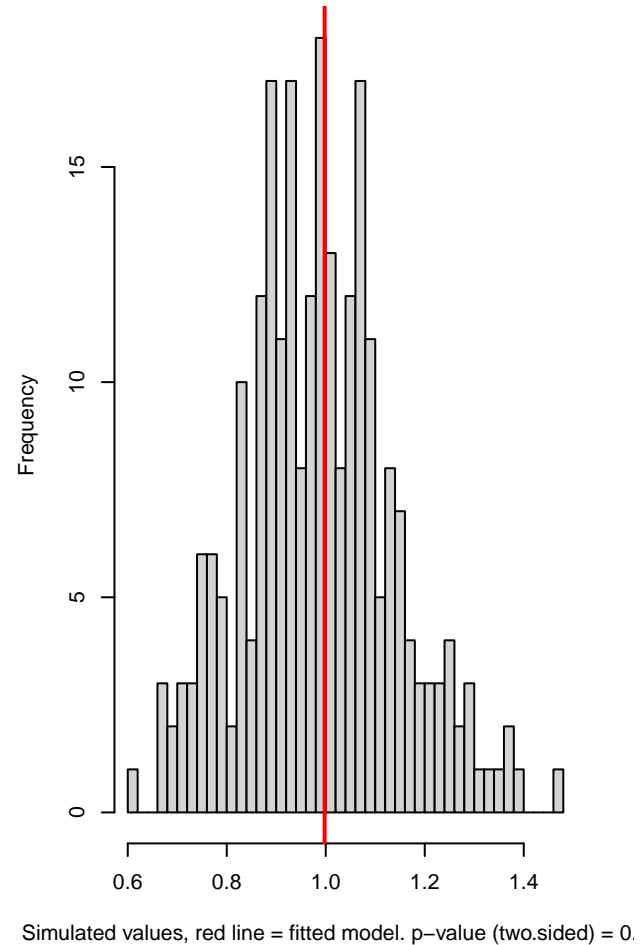
QQ plot residuals



Residual vs. predicted

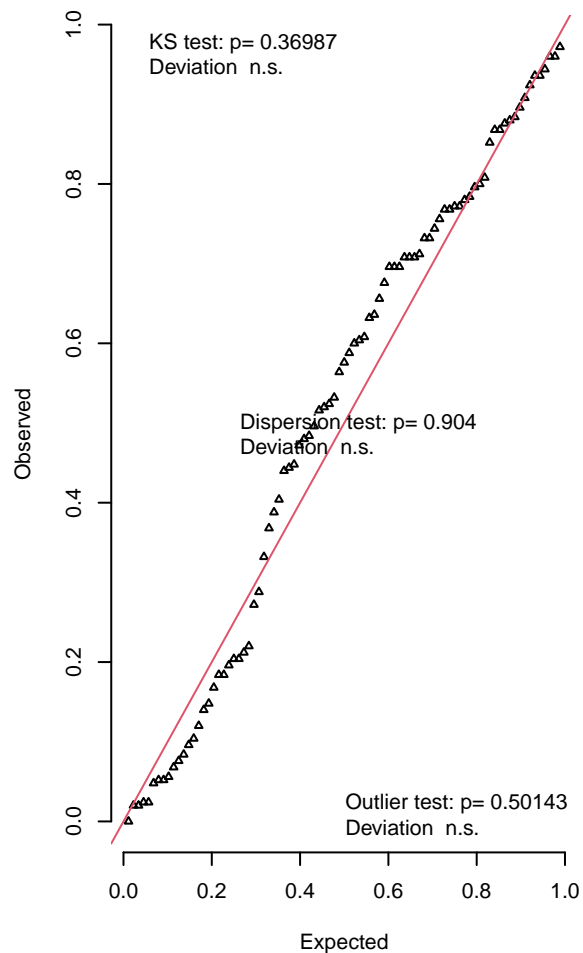


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

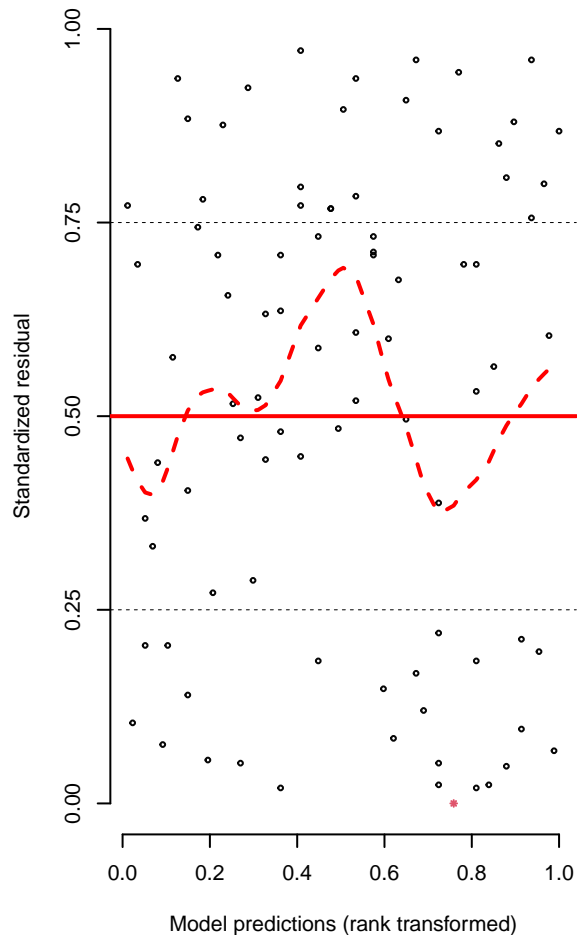


FDis ~ intercept + temp_std

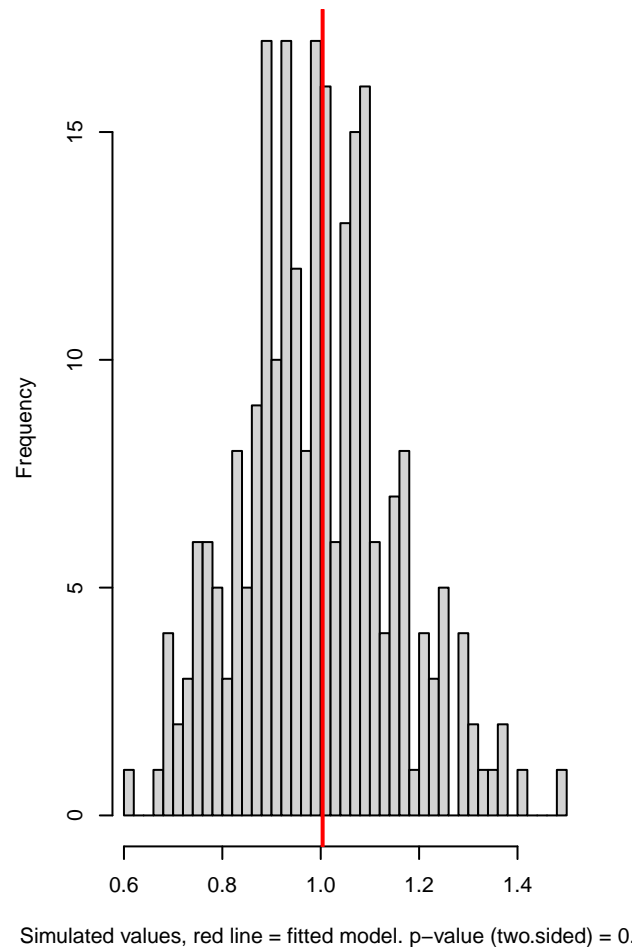
QQ plot residuals



Residual vs. predicted

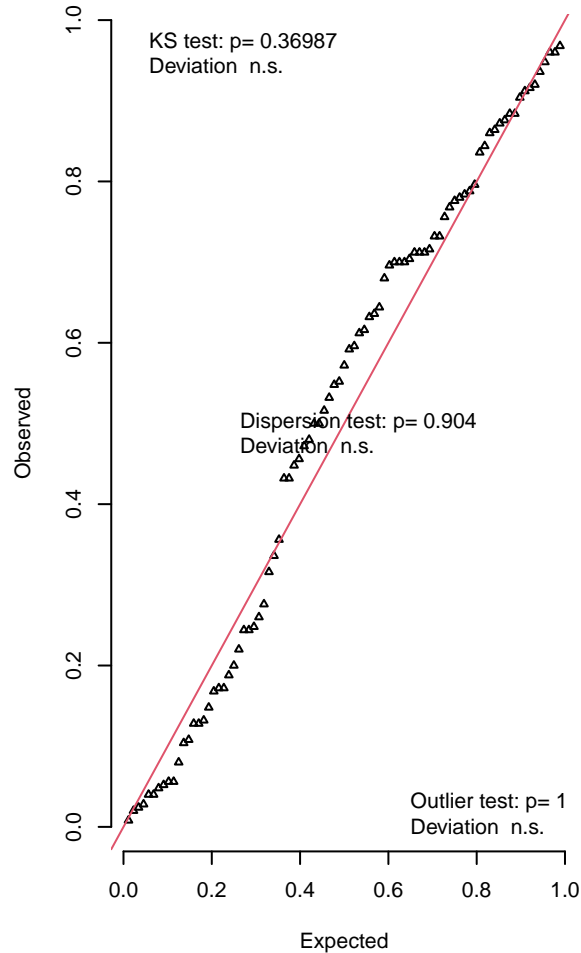


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

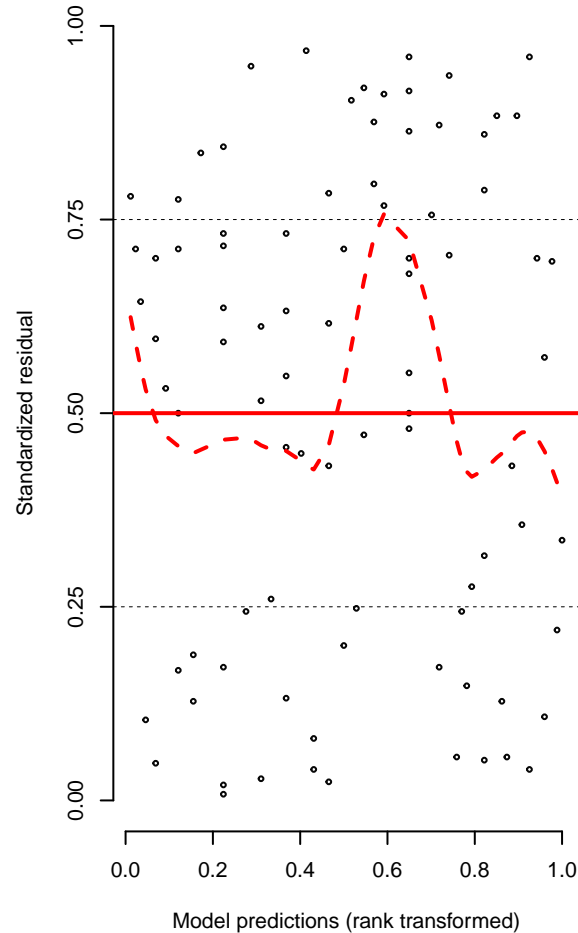


FDis ~ intercept + time_convert_std

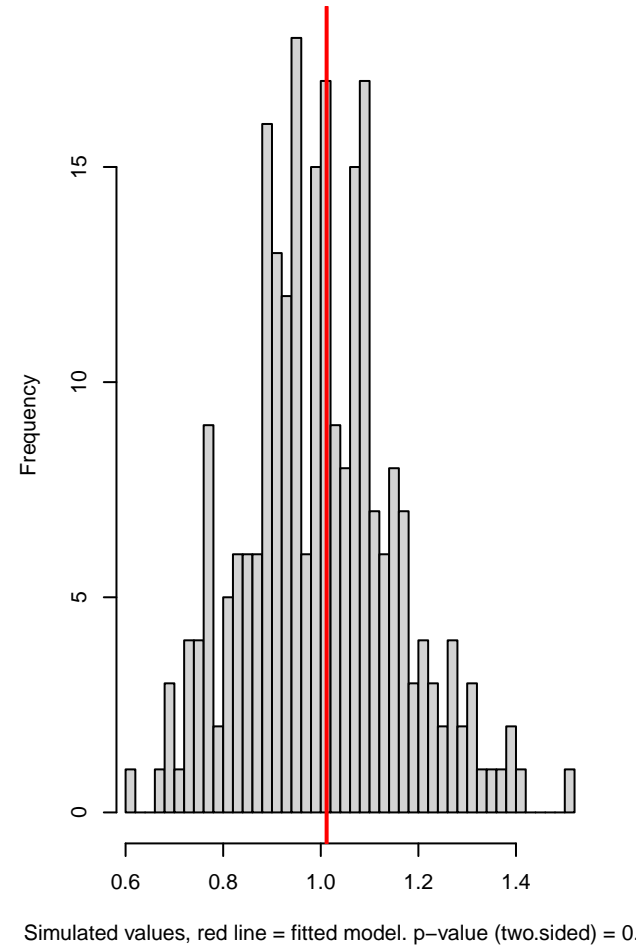
QQ plot residuals



Residual vs. predicted

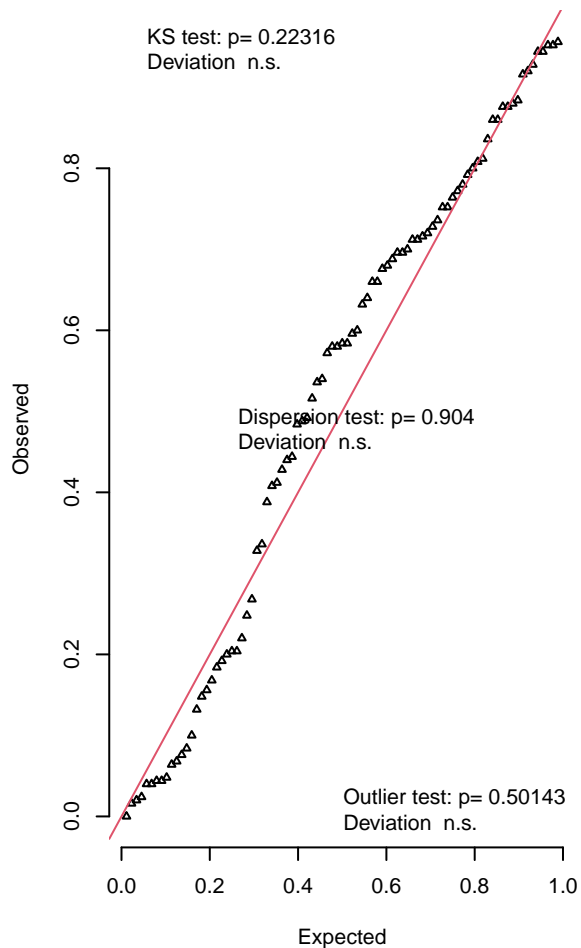


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

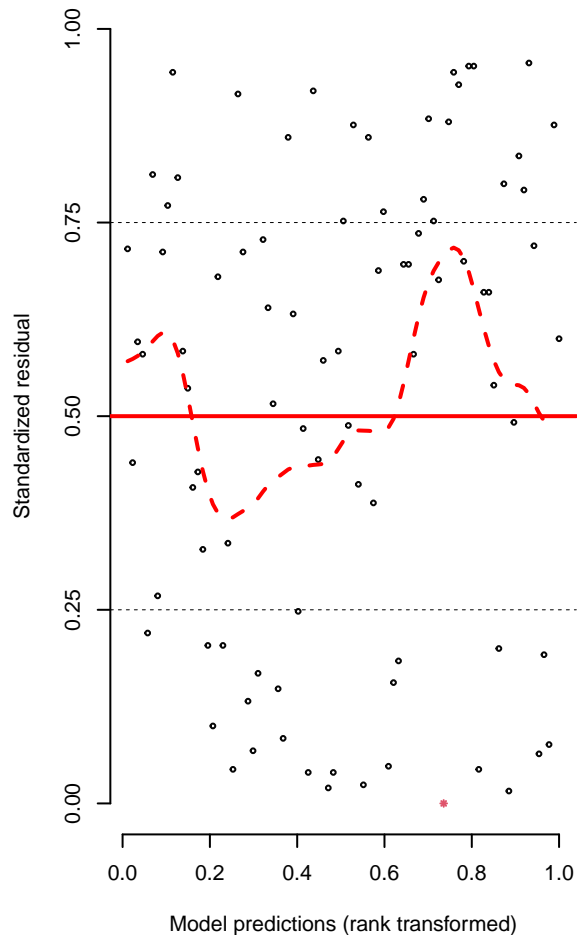


FDis ~ intercept + area_std + temp_std

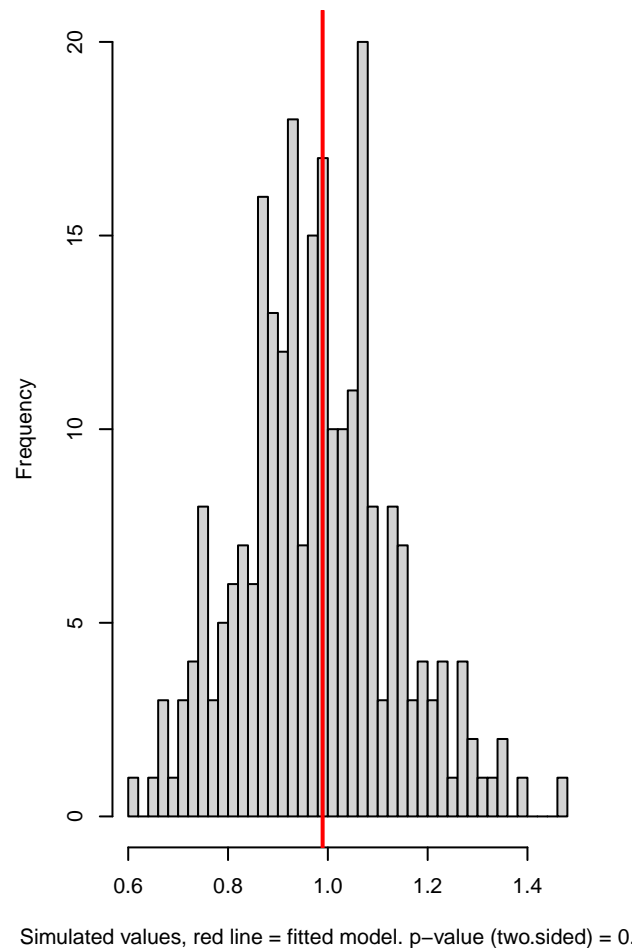
QQ plot residuals



Residual vs. predicted

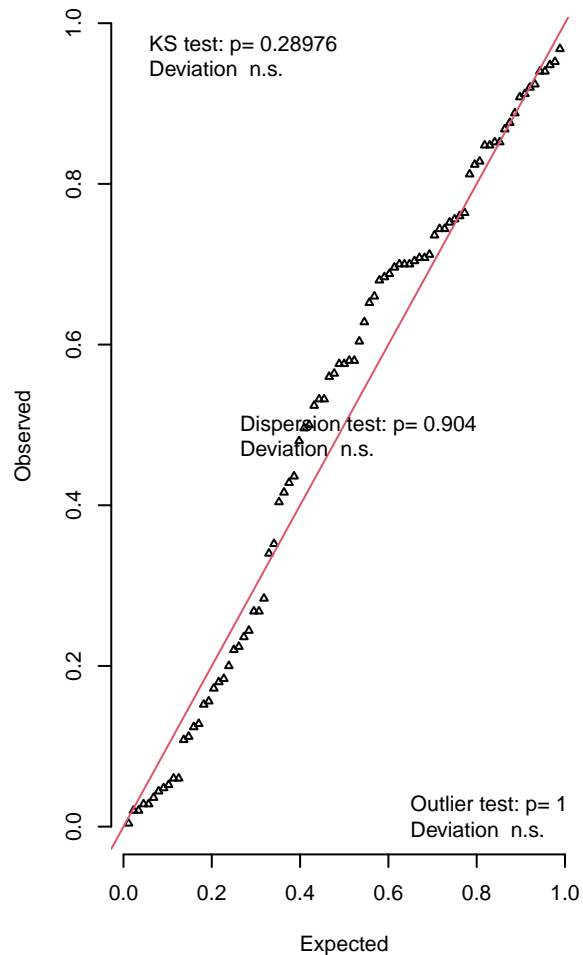


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

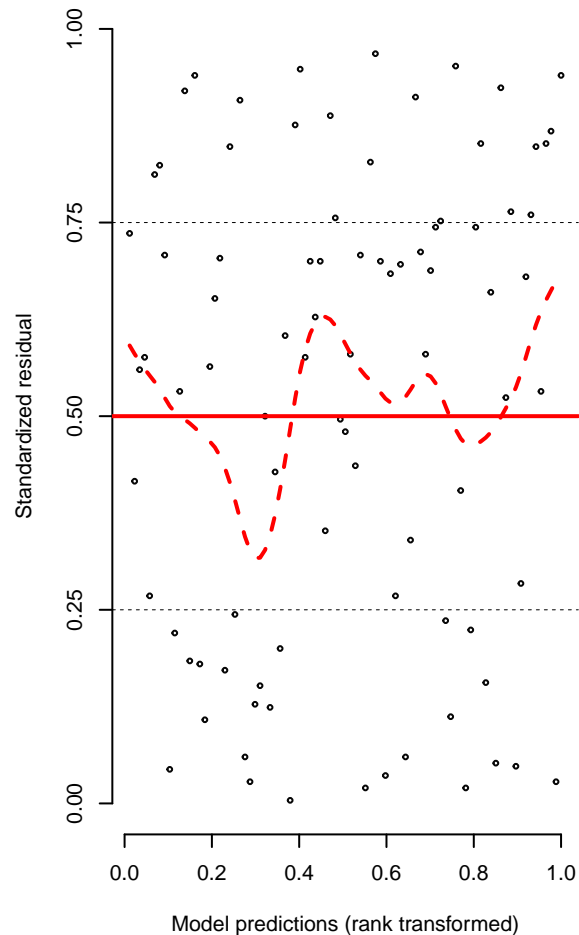


FDis ~ intercept + area_std + time_convert_std

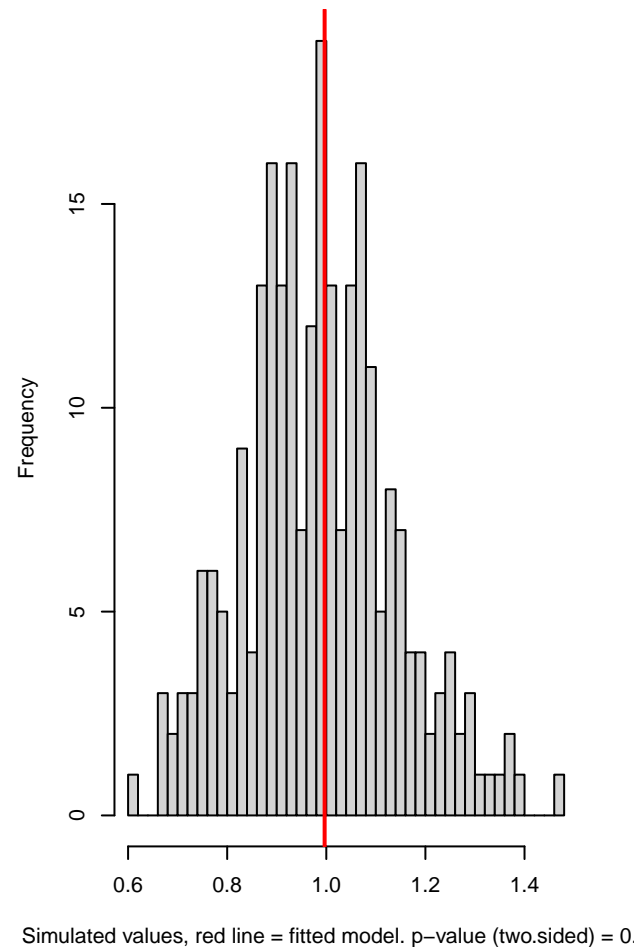
QQ plot residuals



Residual vs. predicted

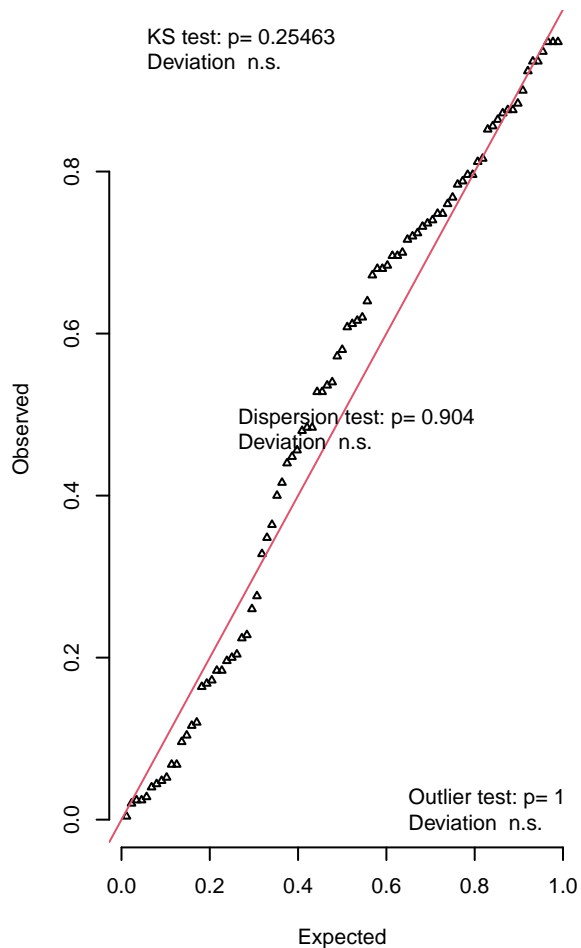


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

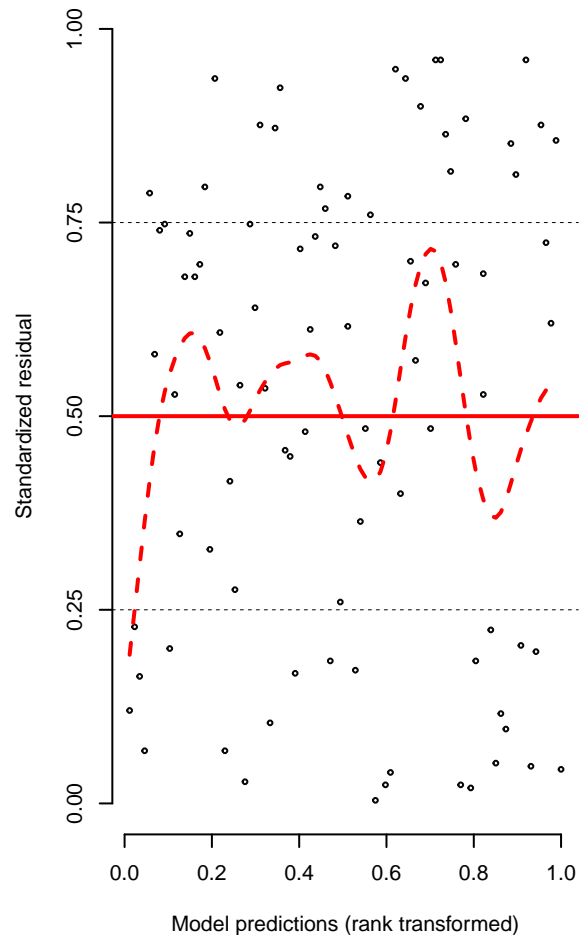


FDis ~ intercept + temp_std + time_convert_std

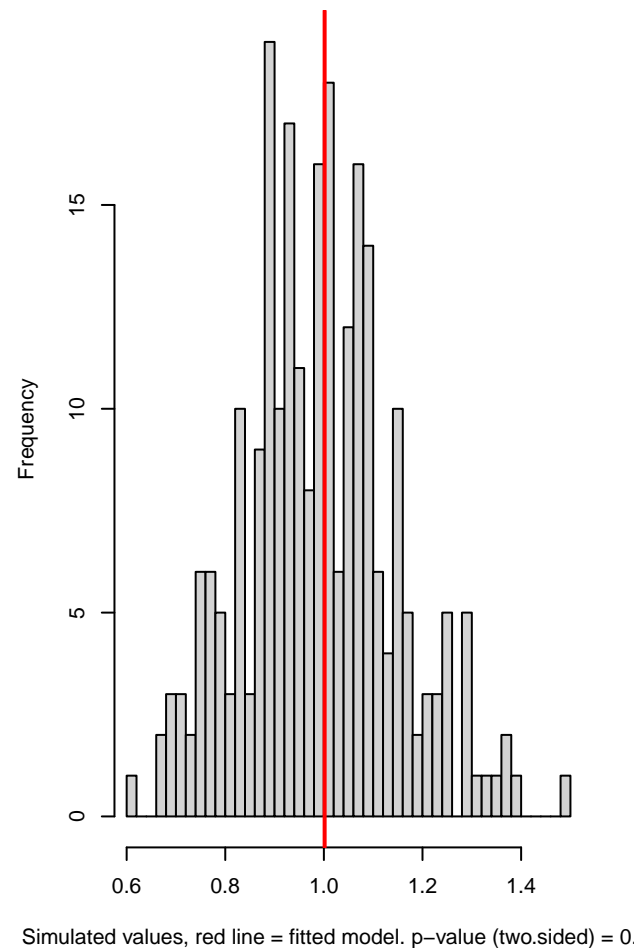
QQ plot residuals



Residual vs. predicted

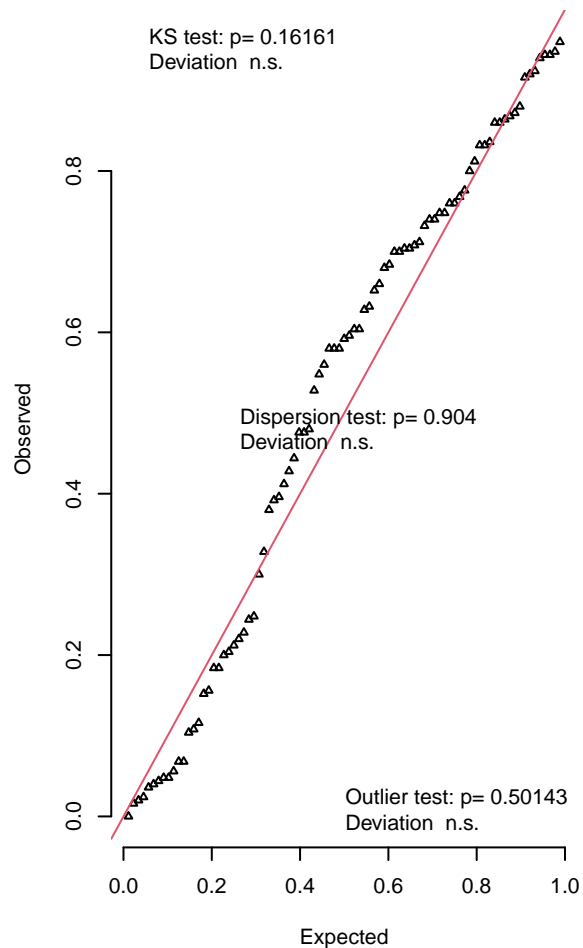


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

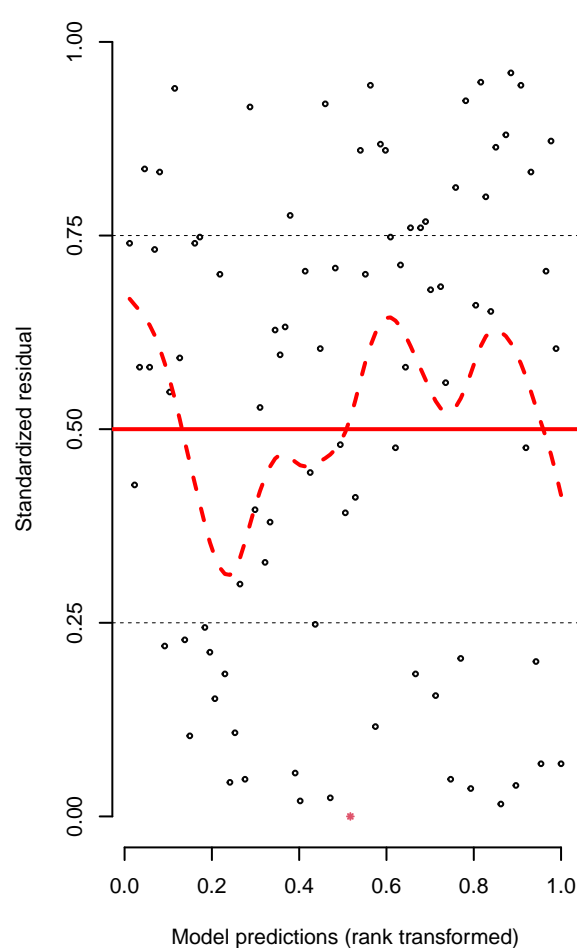


FDis ~ intercept + area_std + temp_std + time_convert_std

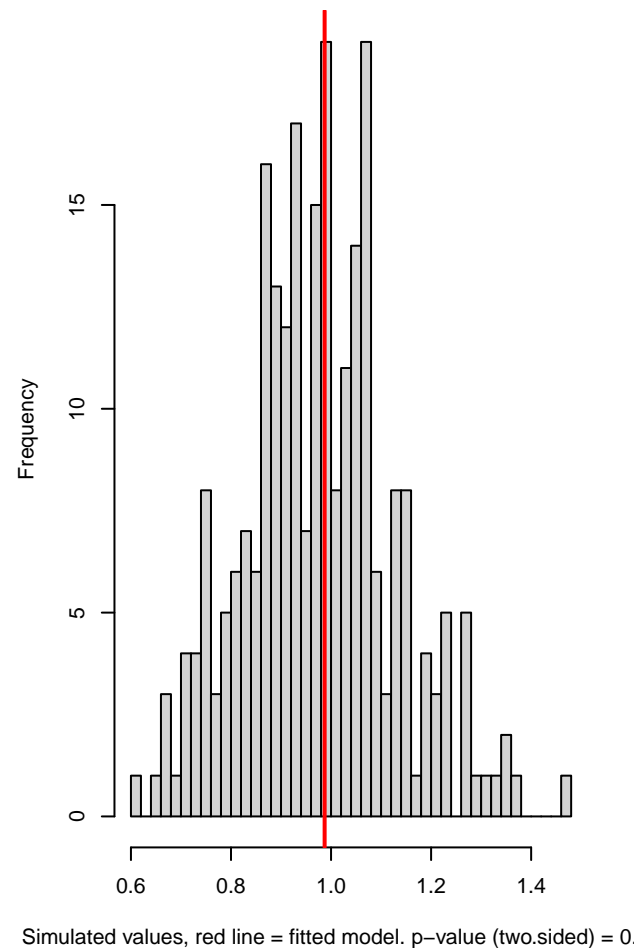
QQ plot residuals



Residual vs. predicted

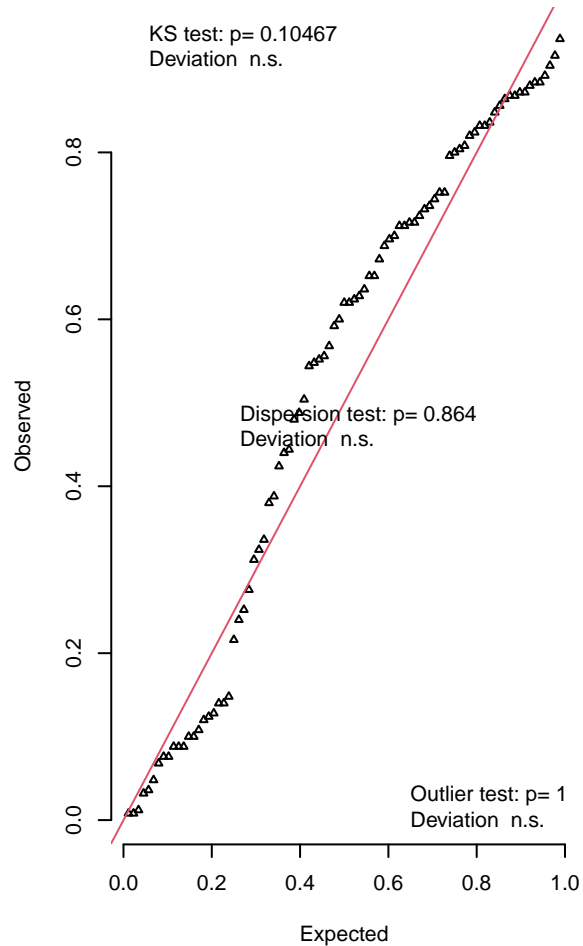


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

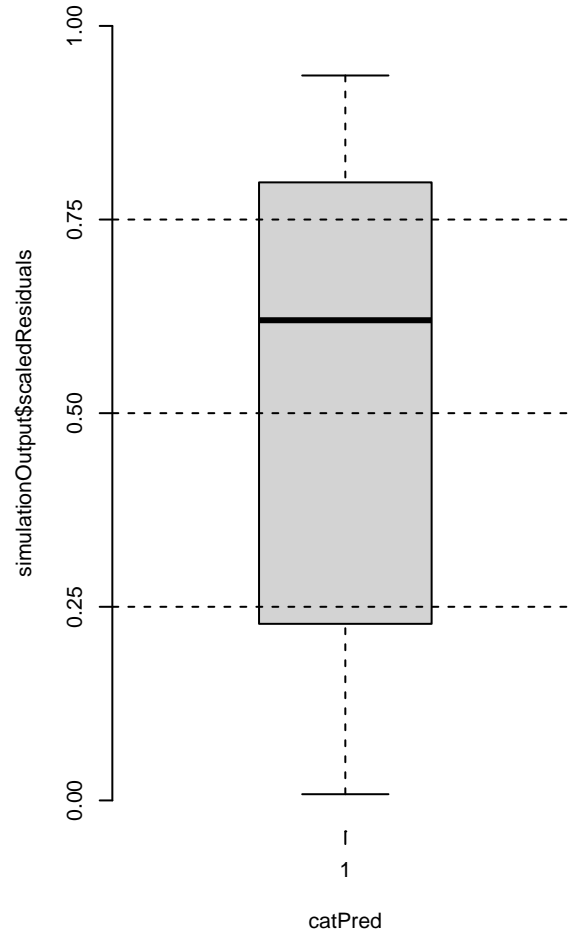


FDiv ~ intercept

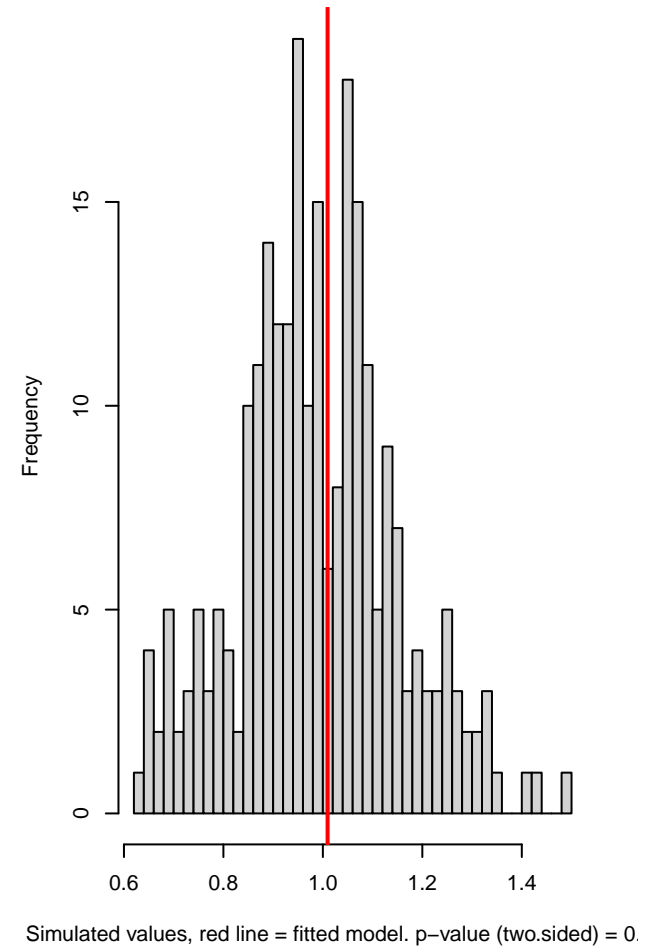
QQ plot residuals



Within-group deviation from uniformity n.s.

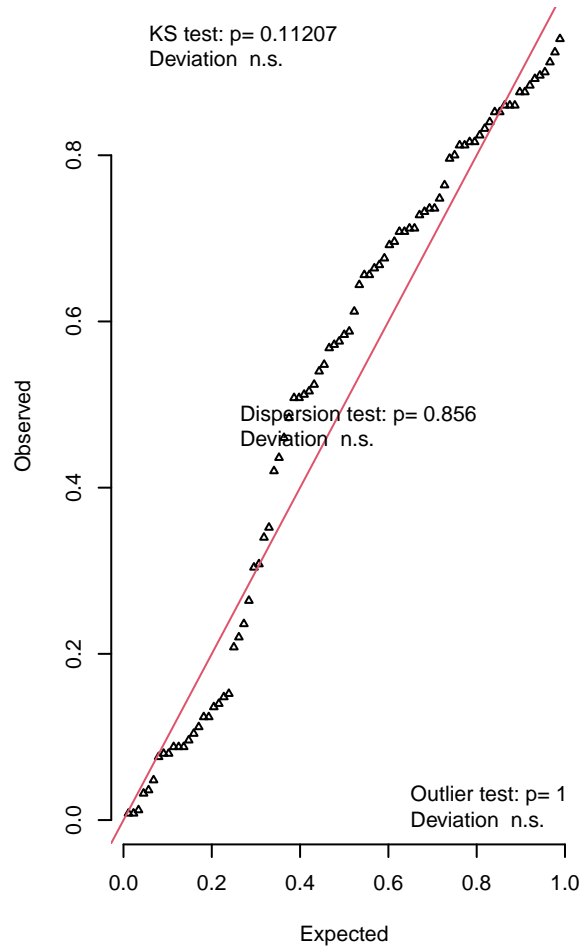


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

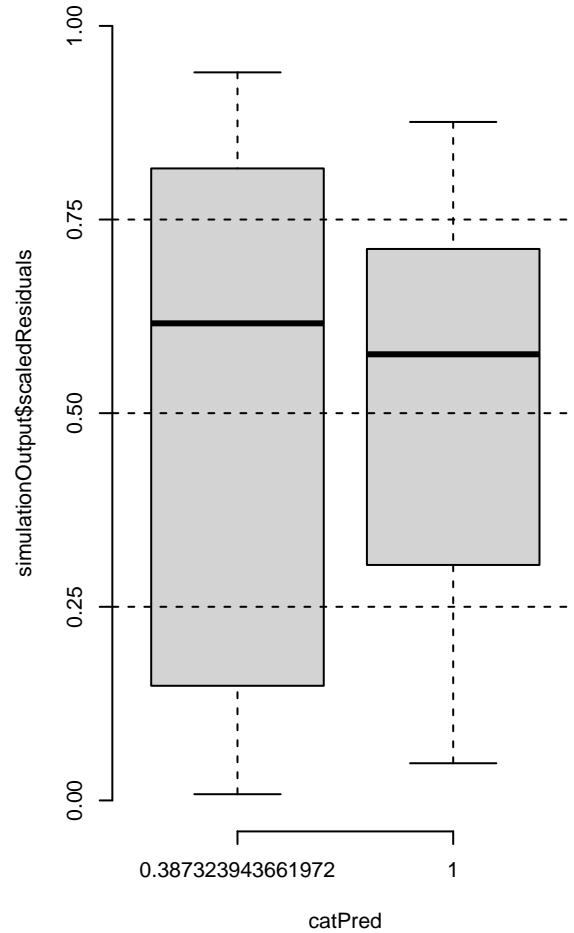


FDiv ~ intercept + fish1

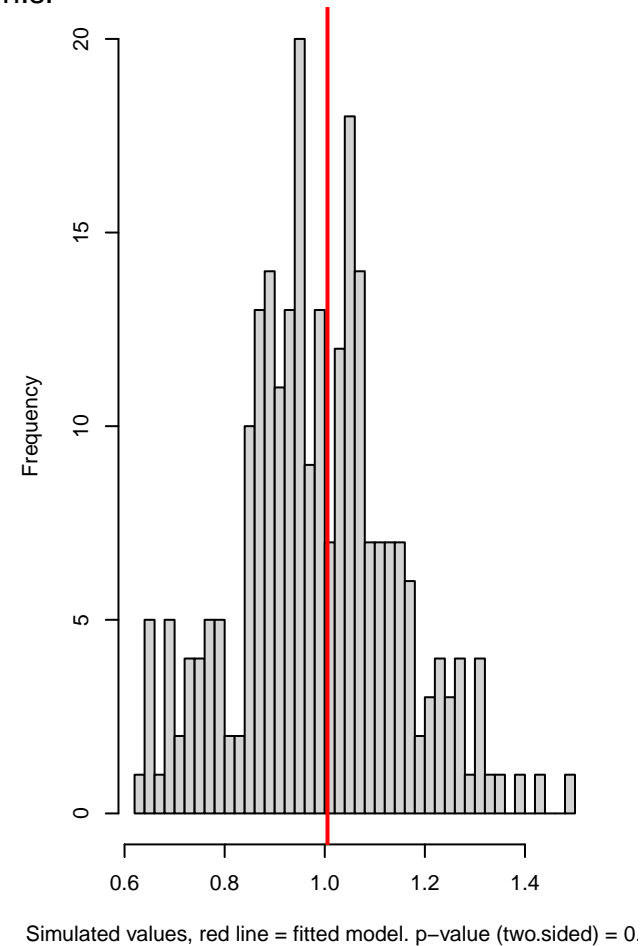
QQ plot residuals



Within-group deviation from uniformity n.s.
Levene Test for homogeneity of variance n.s.

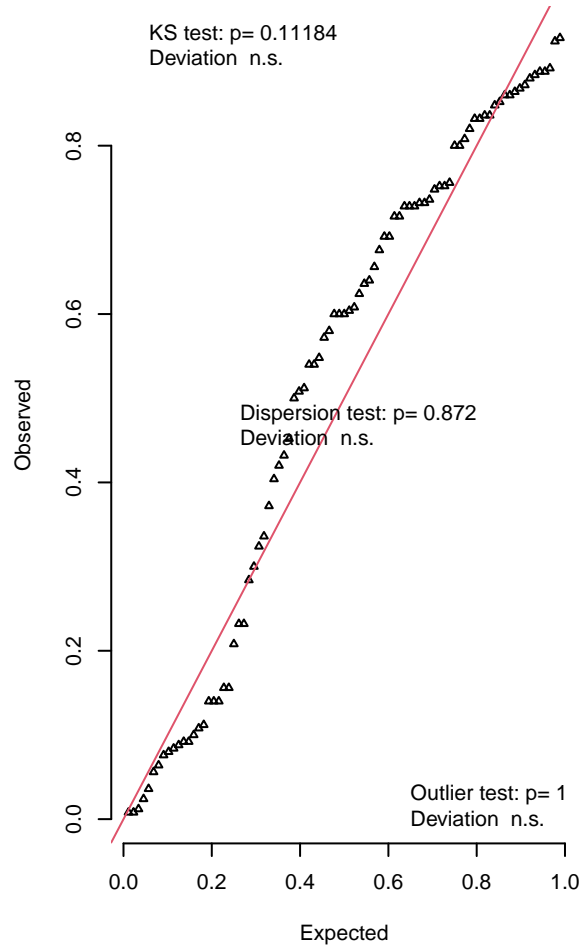


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

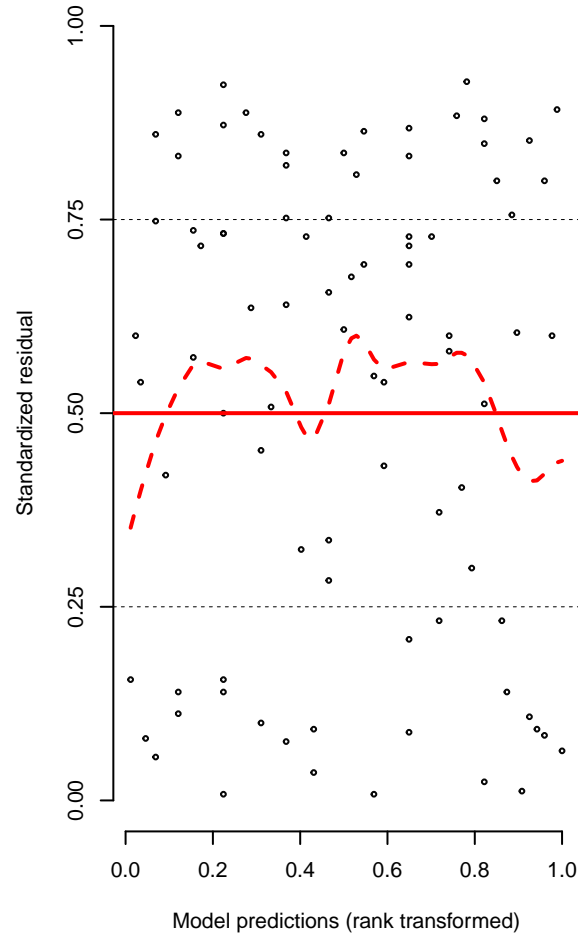


FDiv ~ intercept + time_convert_std

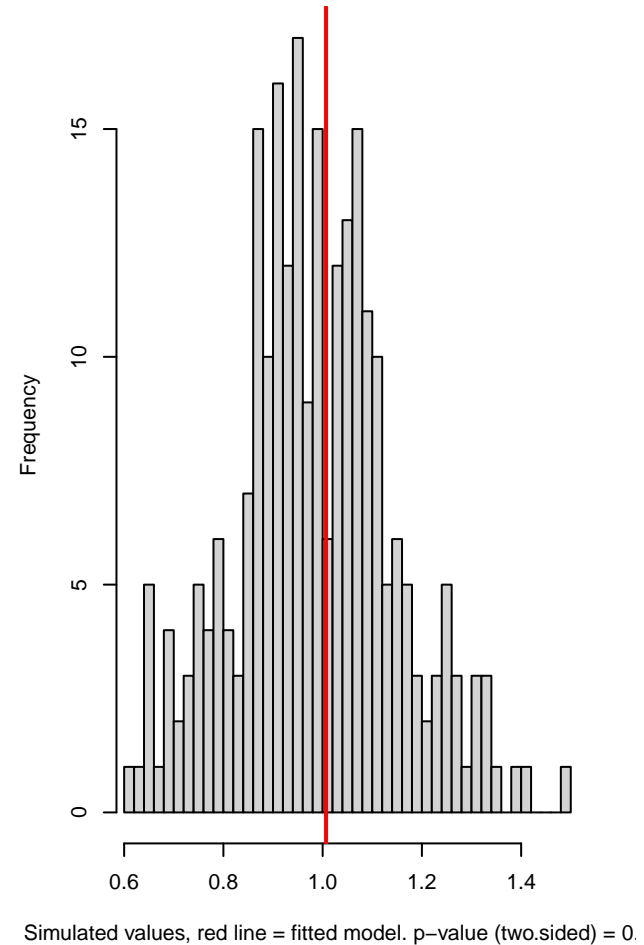
QQ plot residuals



Residual vs. predicted

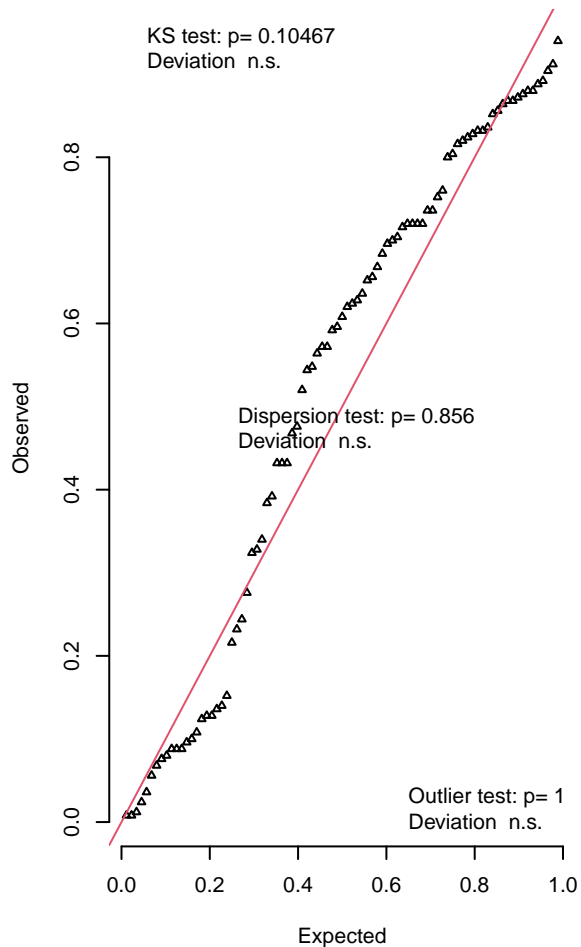


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

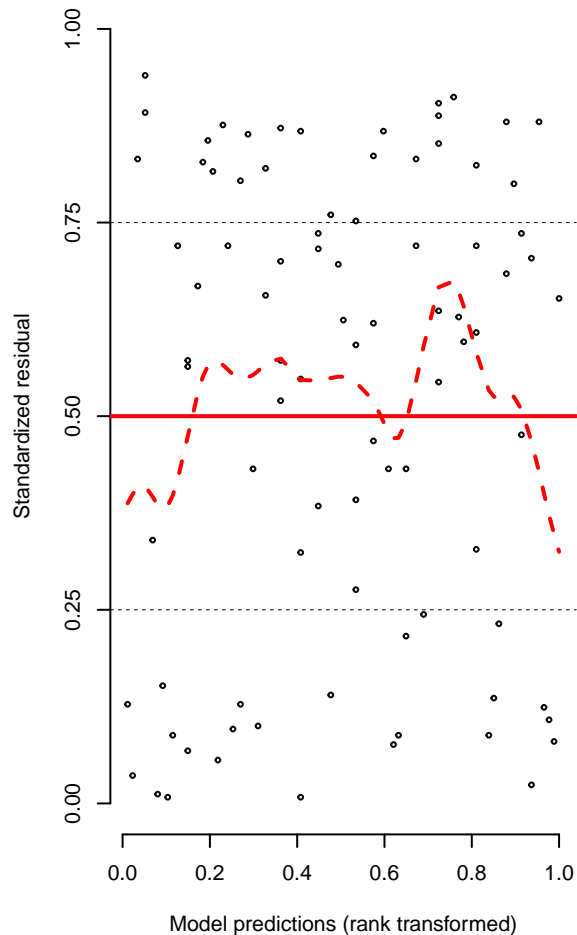


FDiv ~ intercept + temp_std

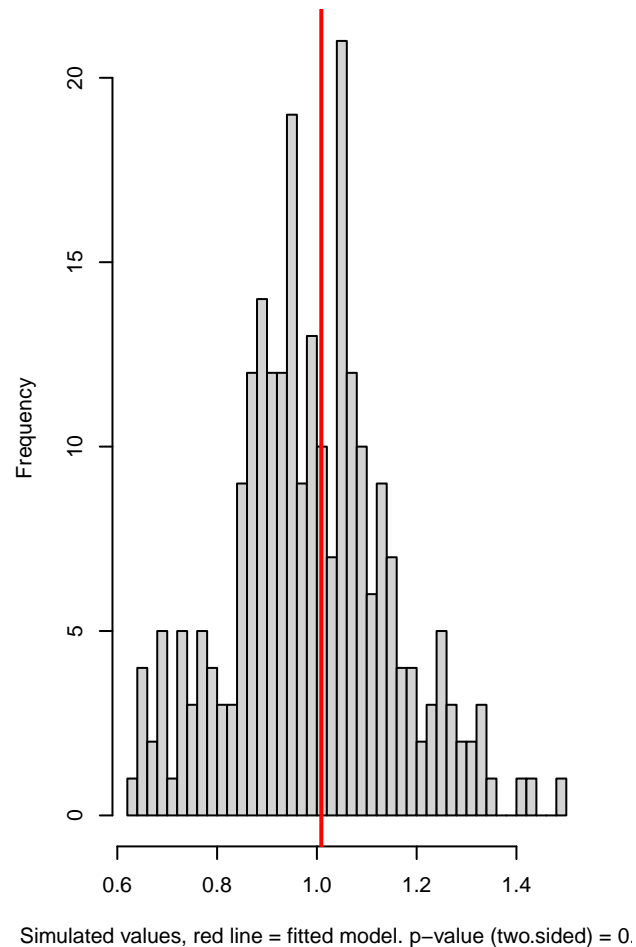
QQ plot residuals



Residual vs. predicted

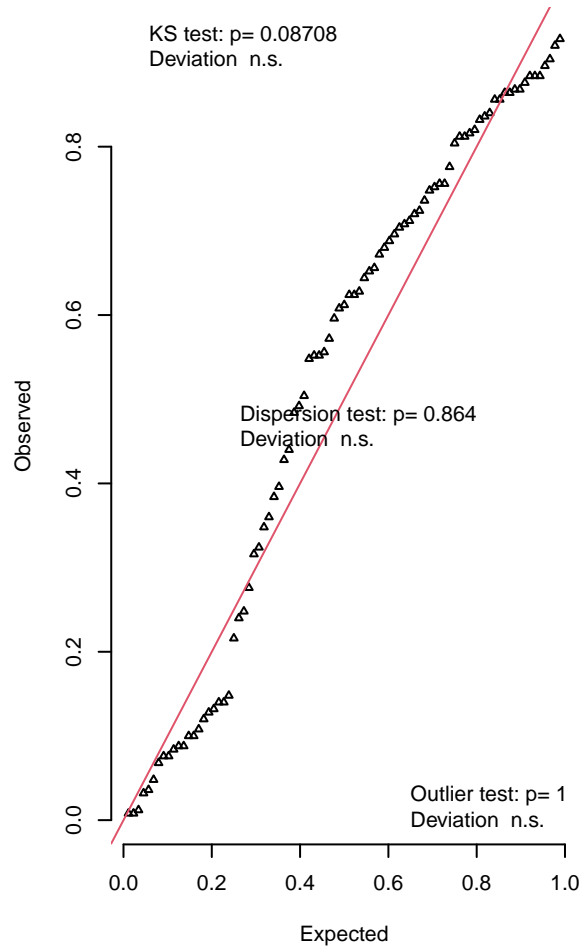


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

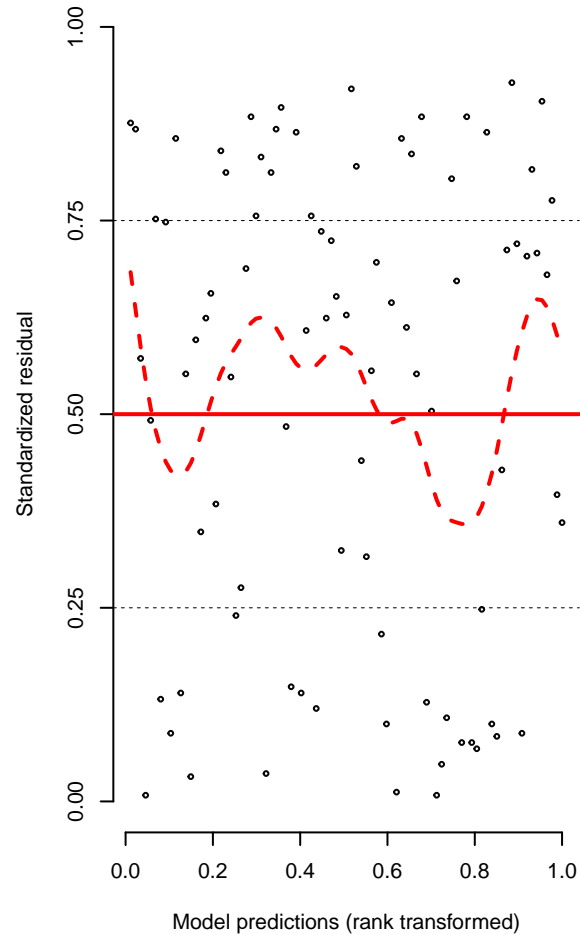


FDiv ~ intercept + area_std

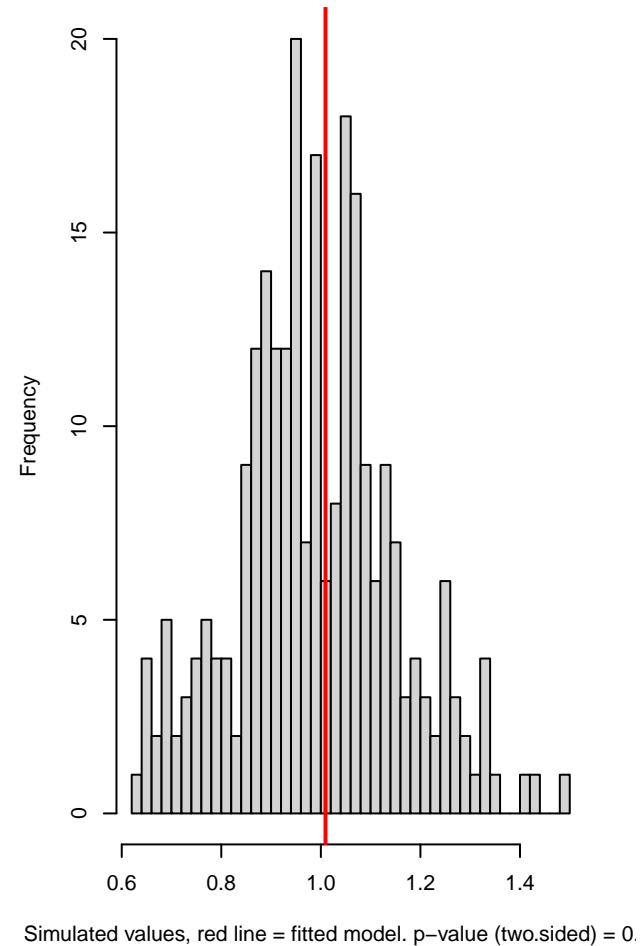
QQ plot residuals



Residual vs. predicted

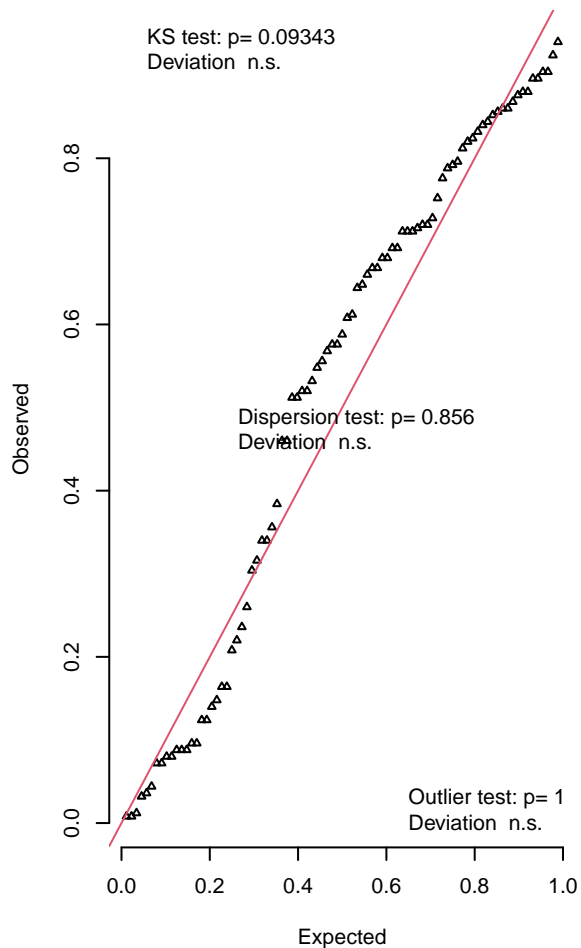


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

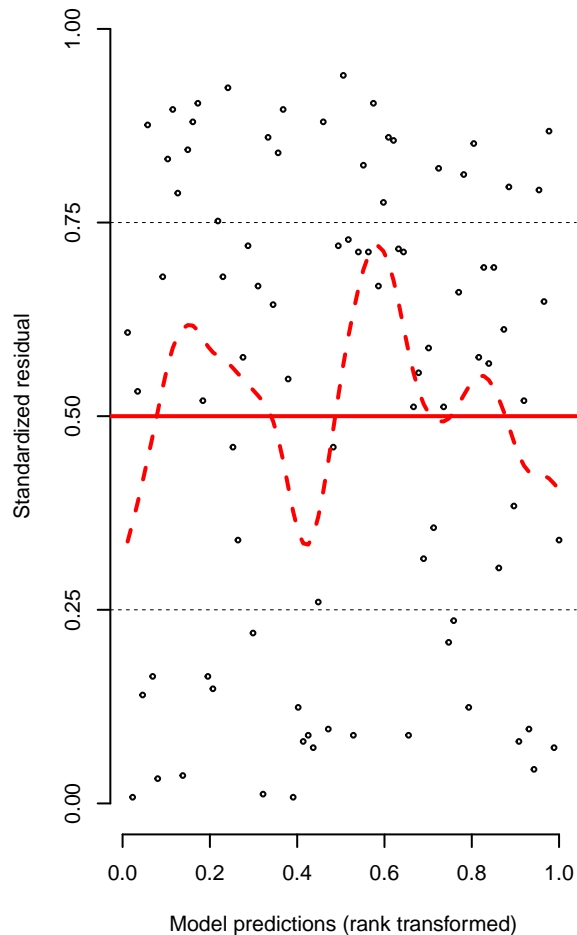


FDiv ~ intercept + area_std + fish1

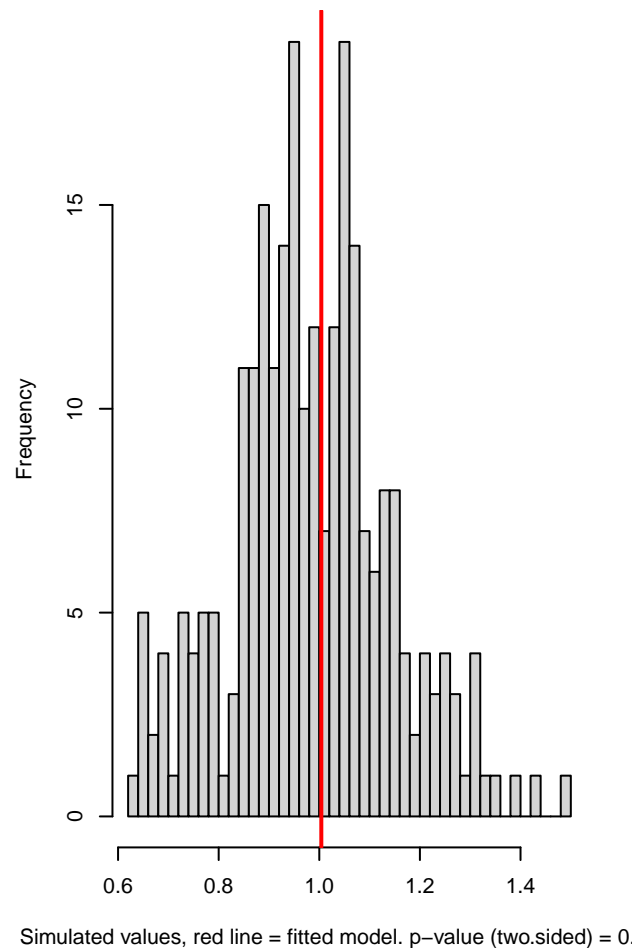
QQ plot residuals



Residual vs. predicted

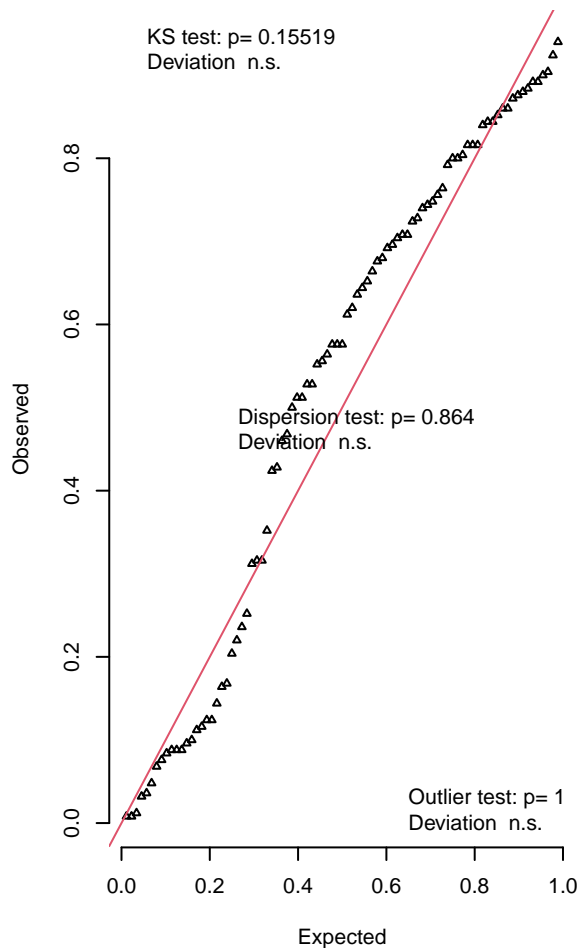


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

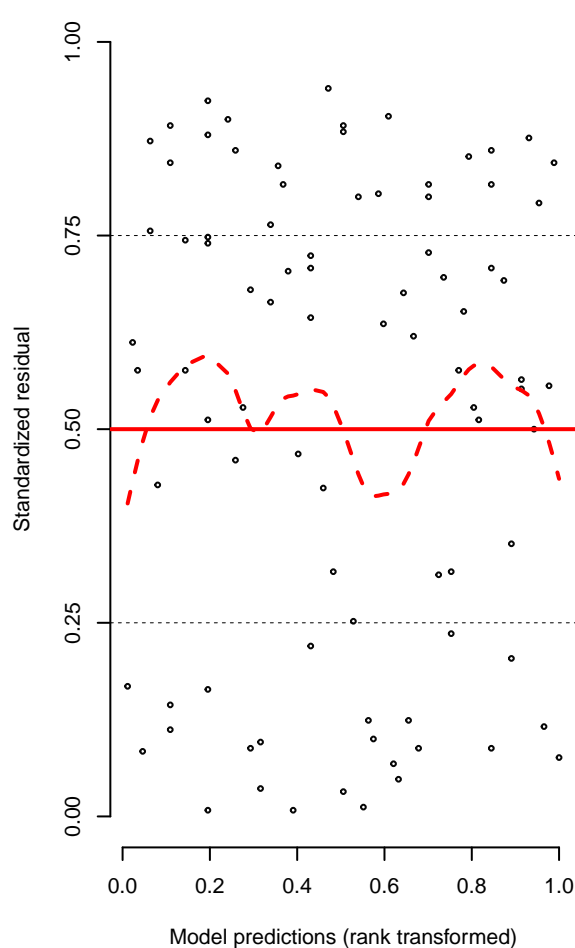


FDiv ~ intercept + fish1 + time_convert_std

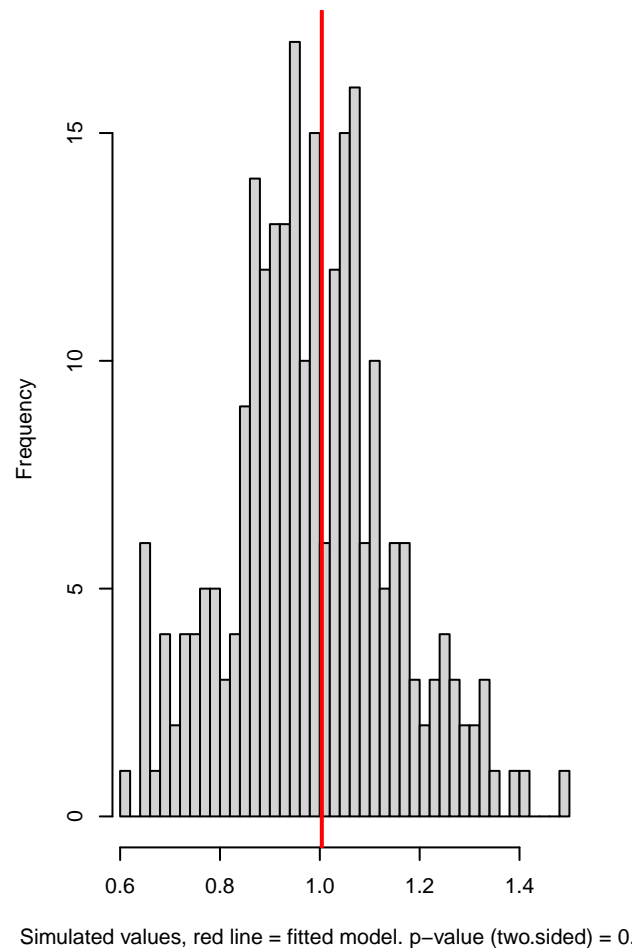
QQ plot residuals



Residual vs. predicted

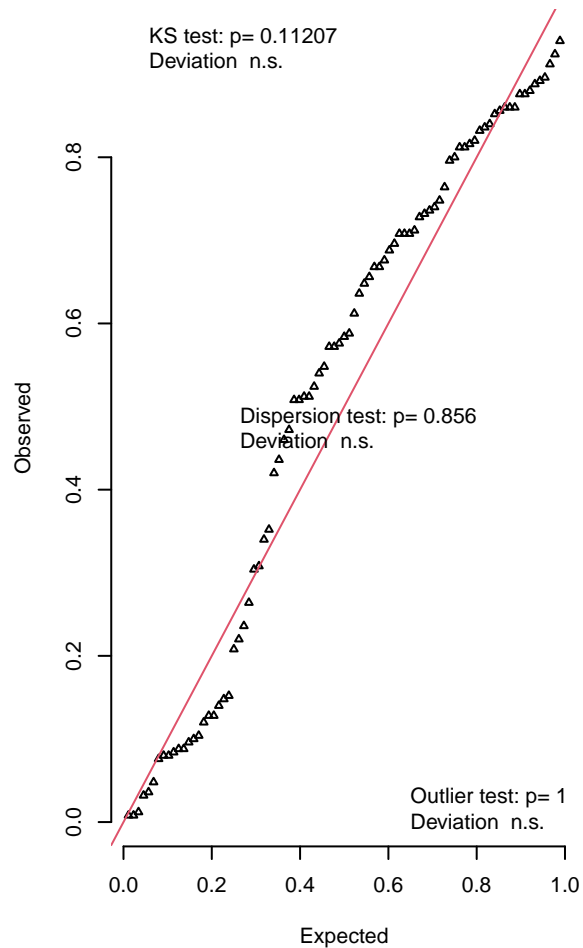


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

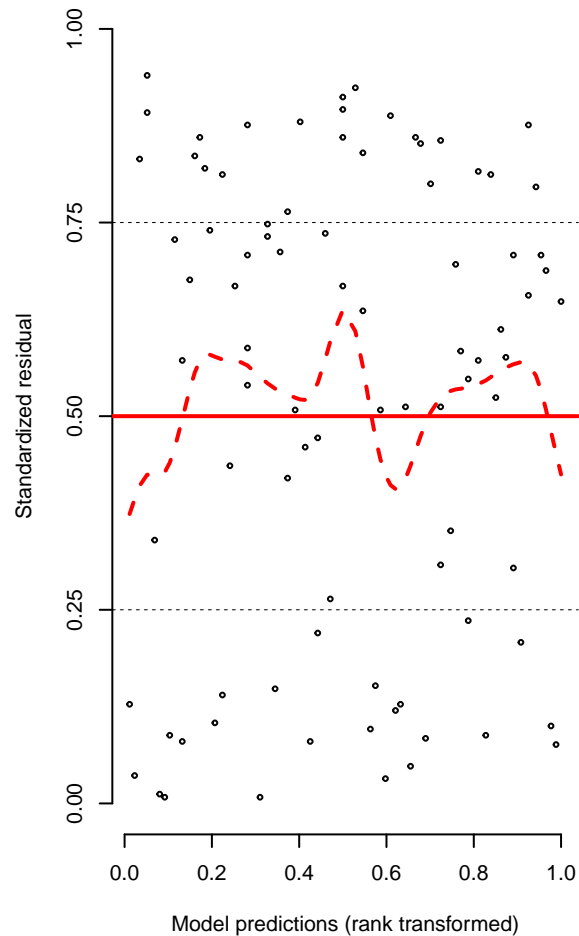


FDiv ~ intercept + fish1 + temp_std

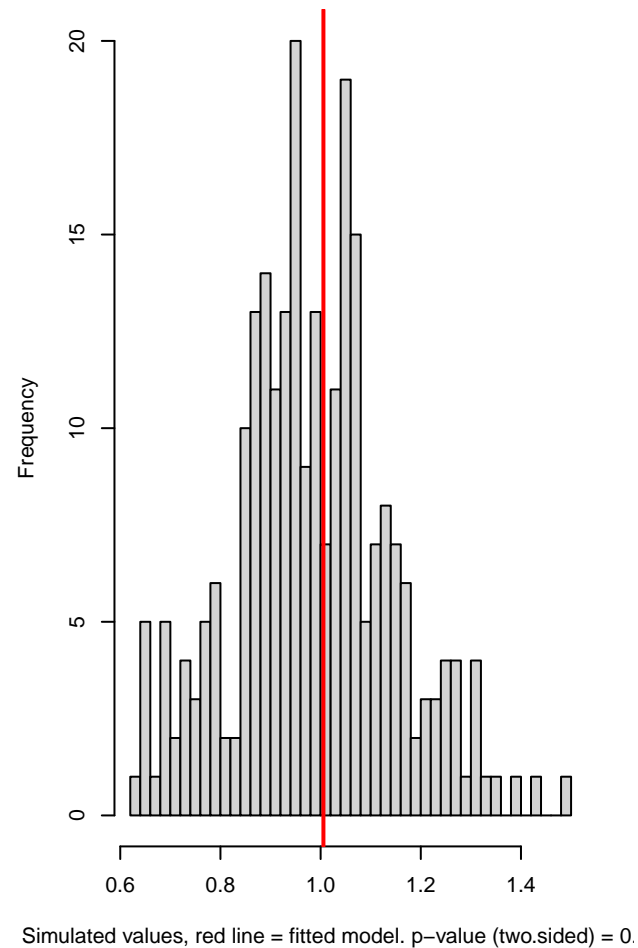
QQ plot residuals



Residual vs. predicted

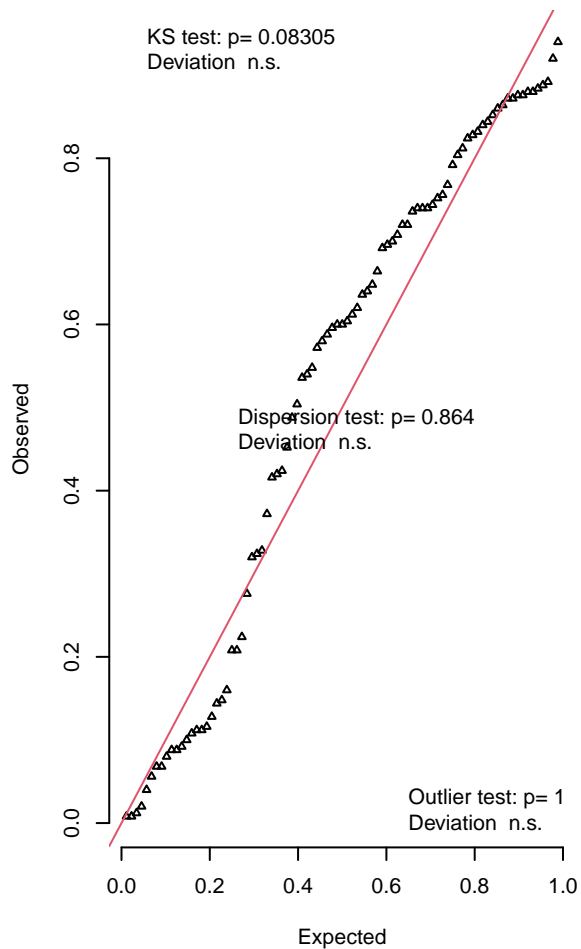


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

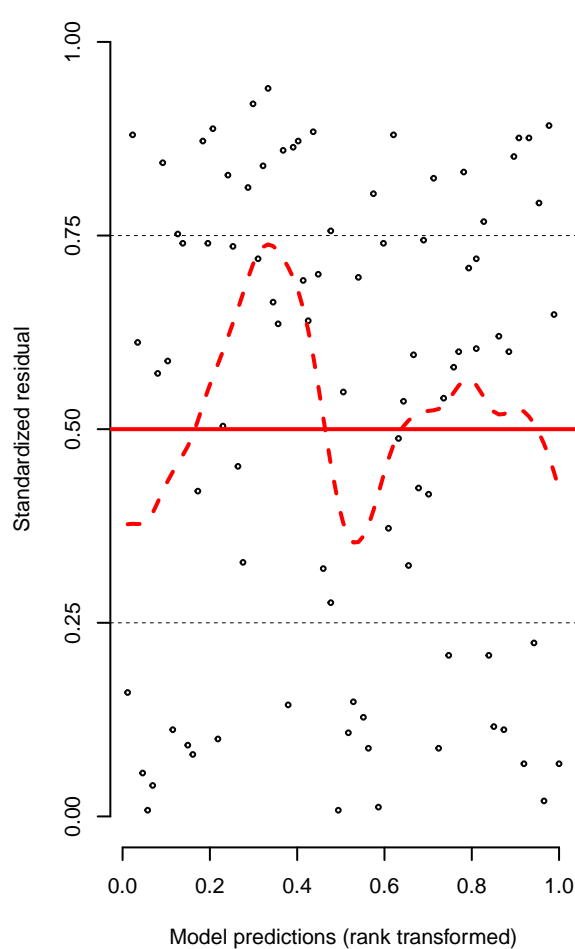


FDiv ~ intercept + temp_std + time_convert_std

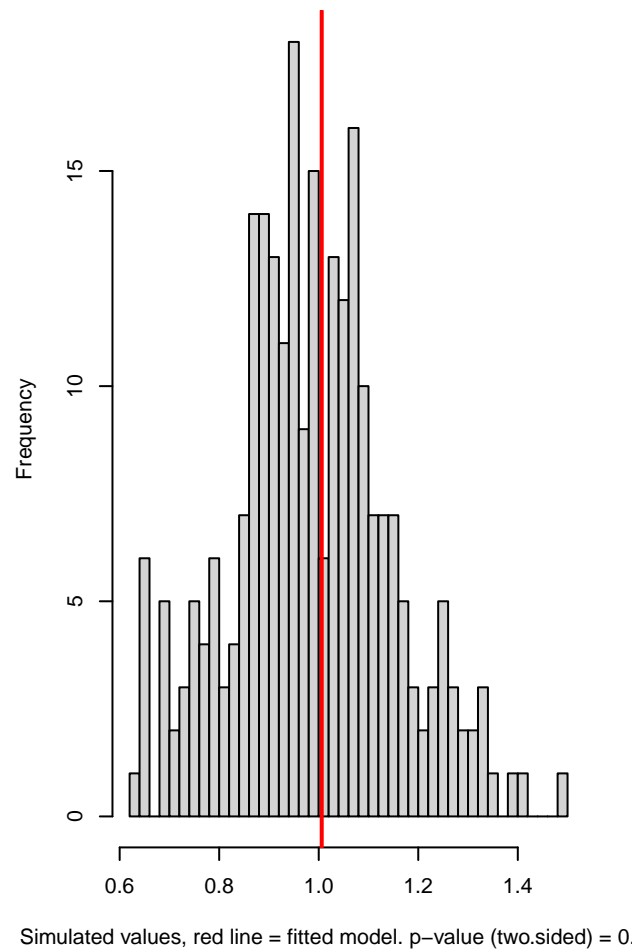
QQ plot residuals



Residual vs. predicted

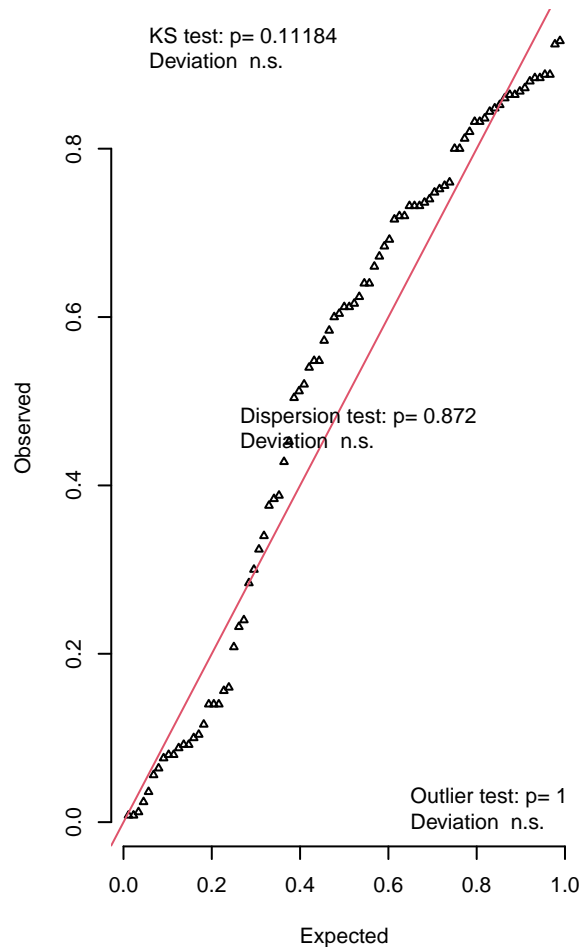


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

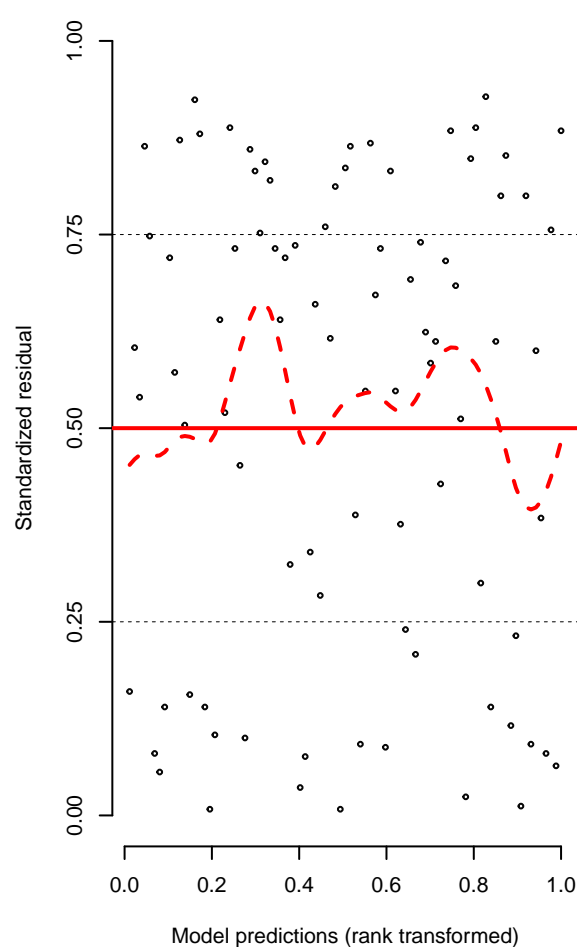


FDiv ~ intercept + area_std + time_convert_std

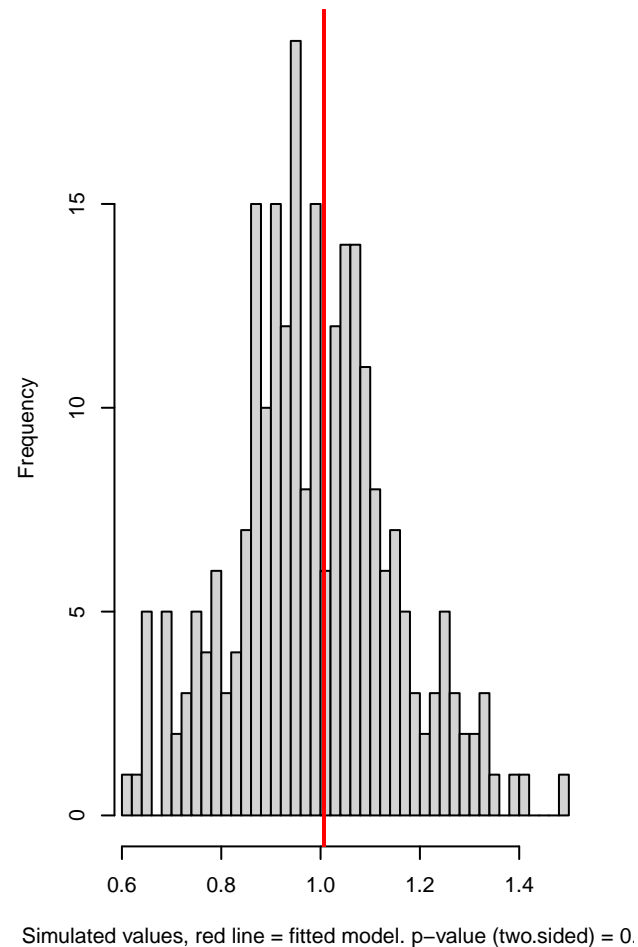
QQ plot residuals



Residual vs. predicted

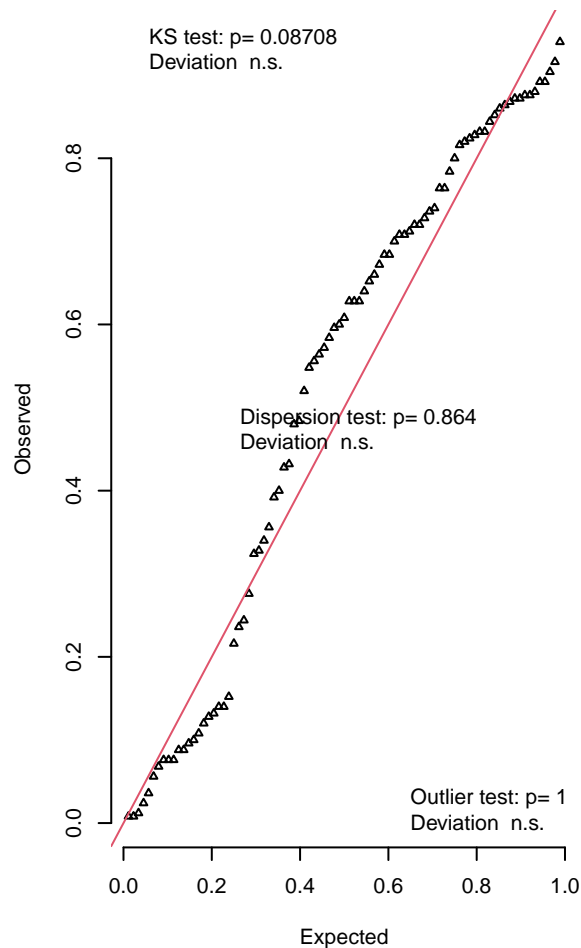


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

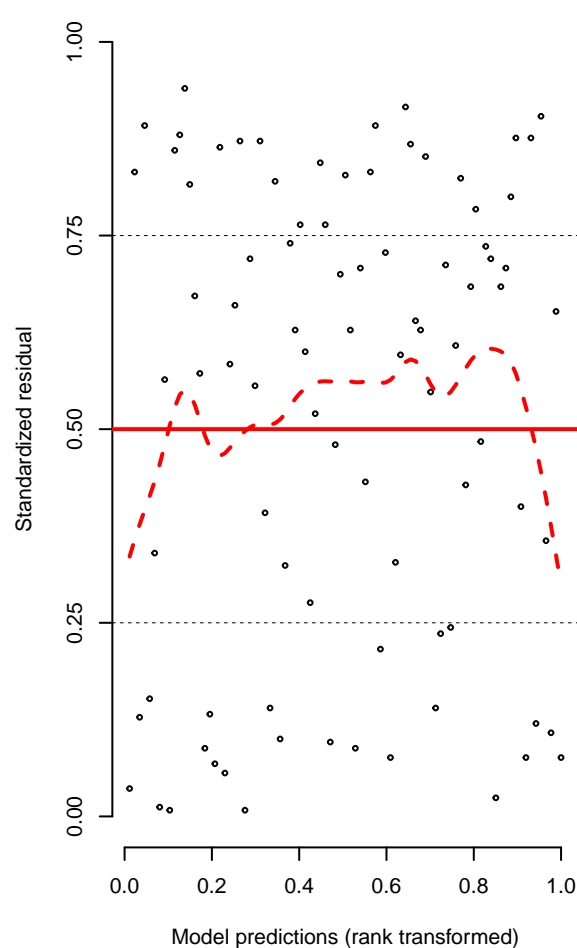


FDiv ~ intercept + area_std + temp_std

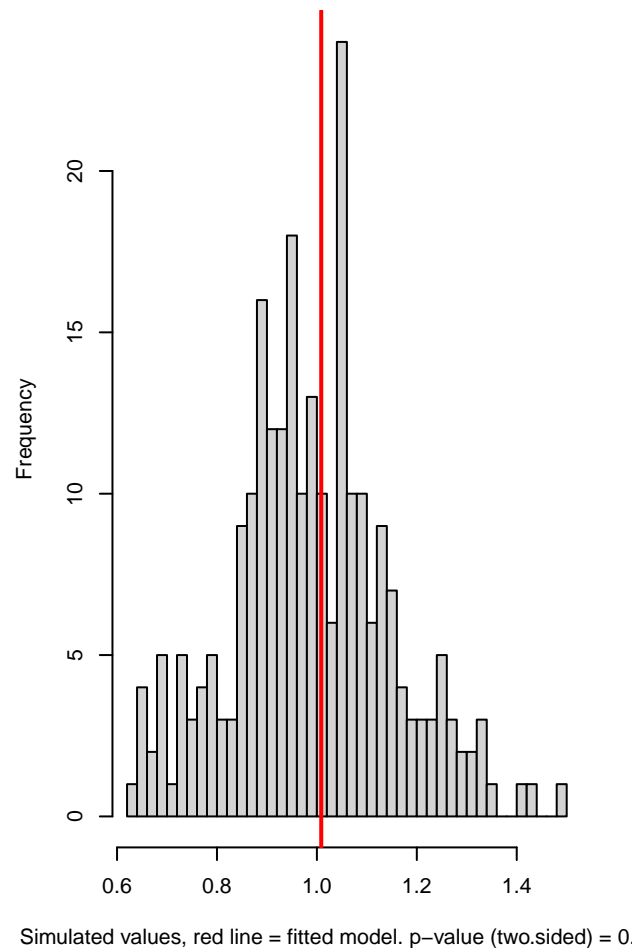
QQ plot residuals



Residual vs. predicted

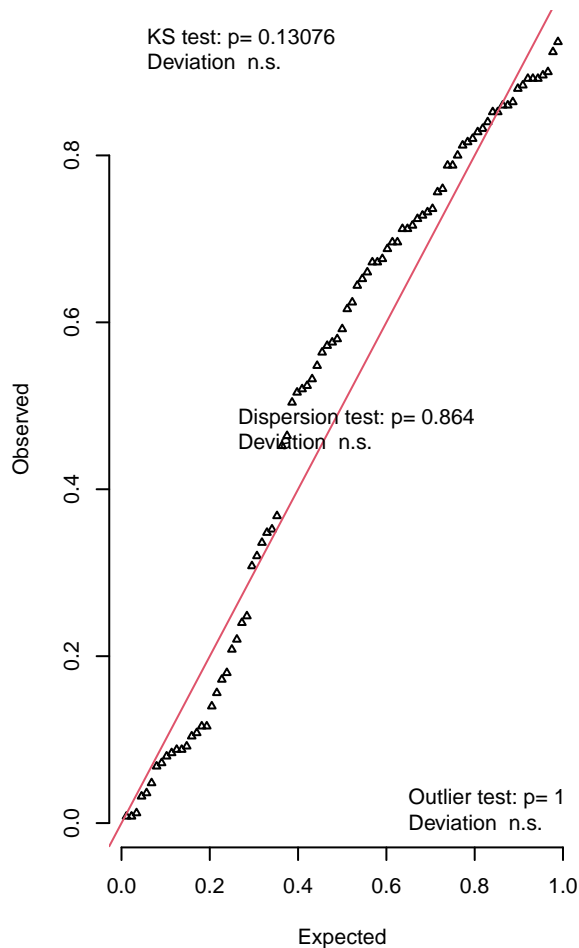


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

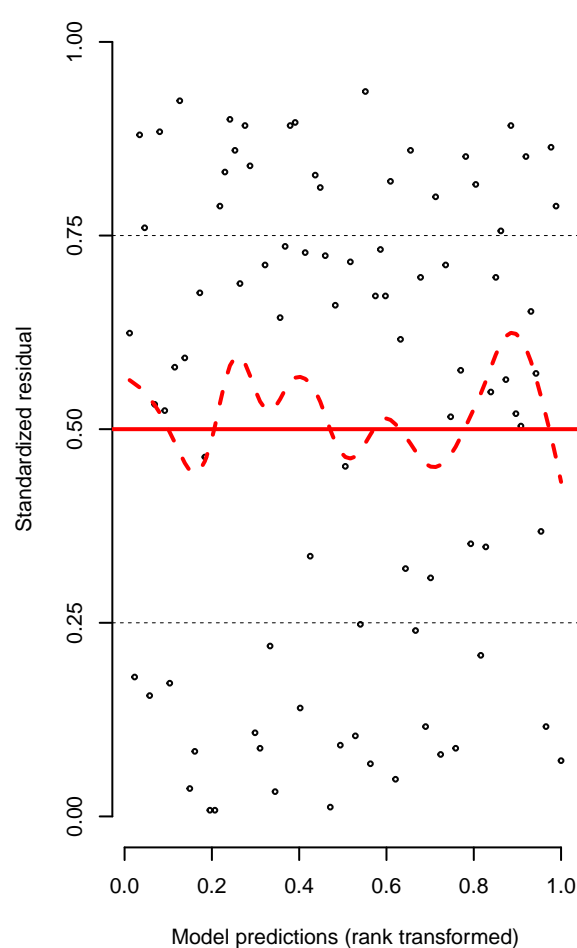


FDiv ~ intercept + area_std + fish1 + time_convert_std

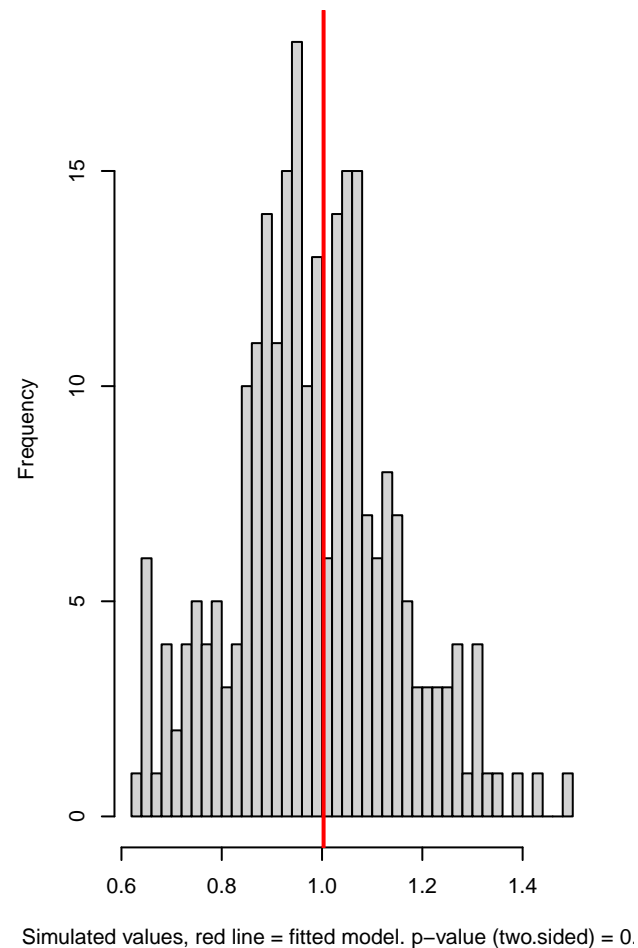
QQ plot residuals



Residual vs. predicted

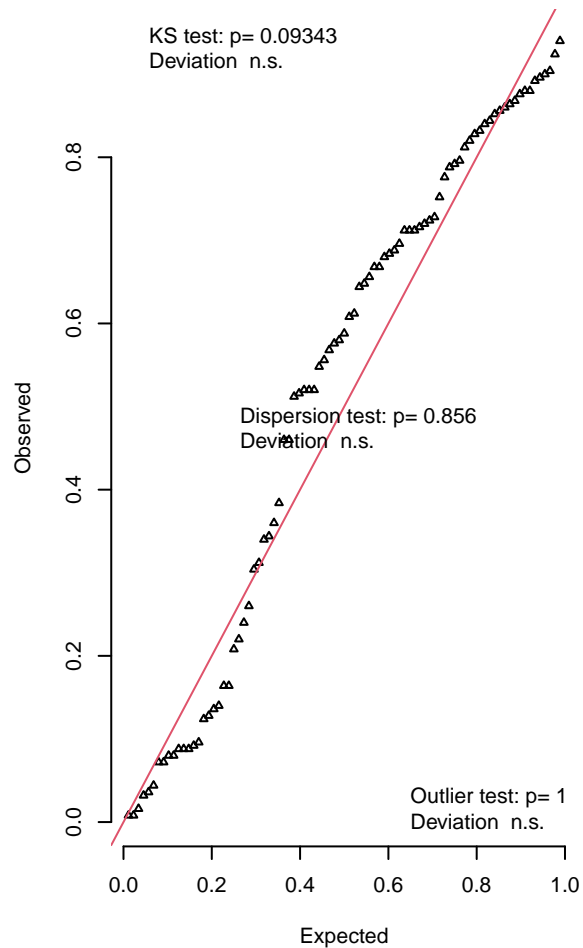


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

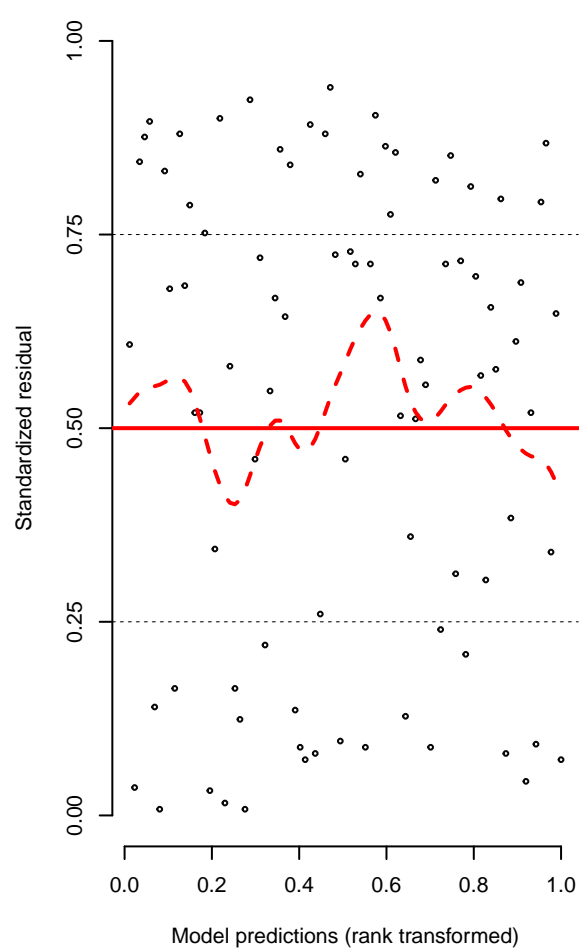


FDiv ~ intercept + area_std + fish1 + temp_std

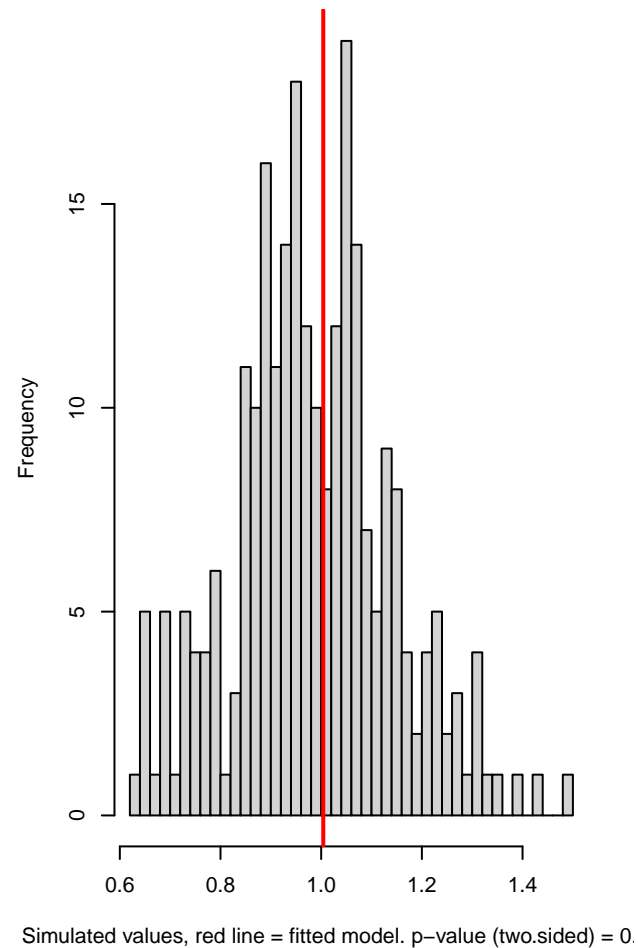
QQ plot residuals



Residual vs. predicted

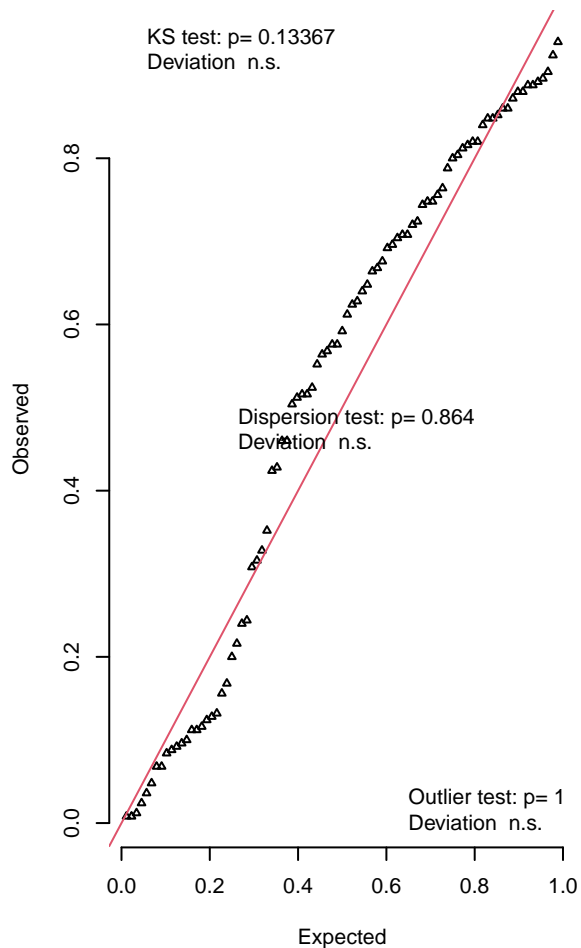


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

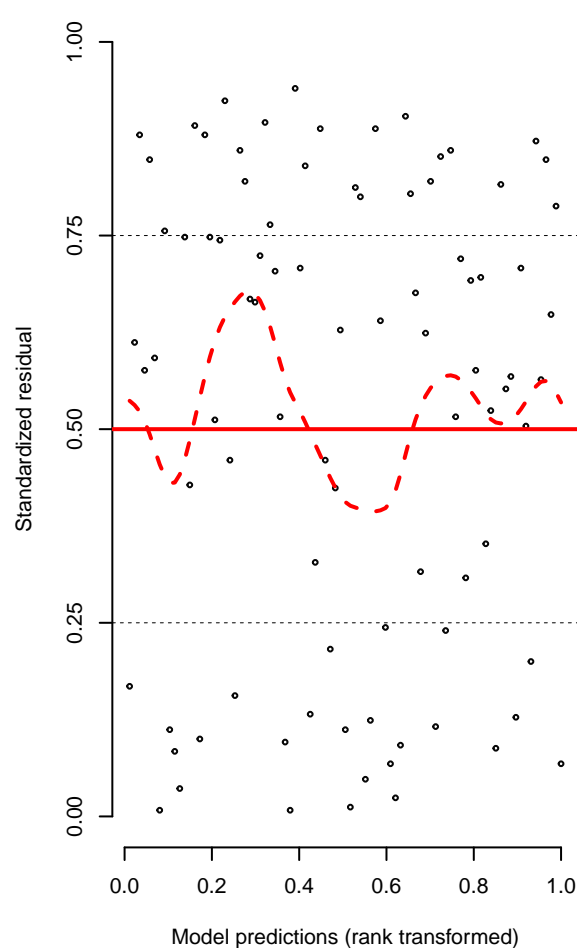


FDiv ~ intercept + fish1 + temp_std + time_convert_std

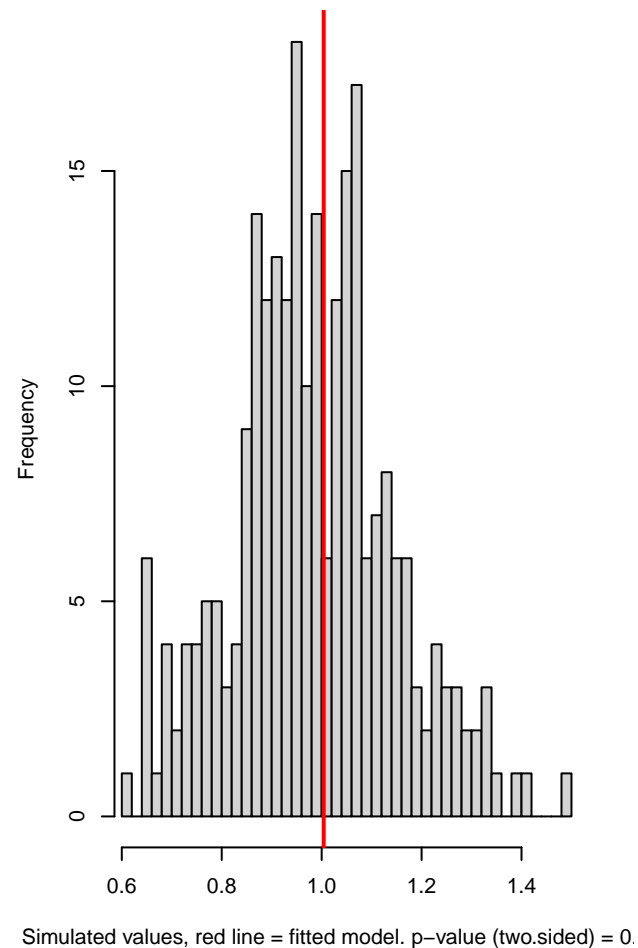
QQ plot residuals



Residual vs. predicted

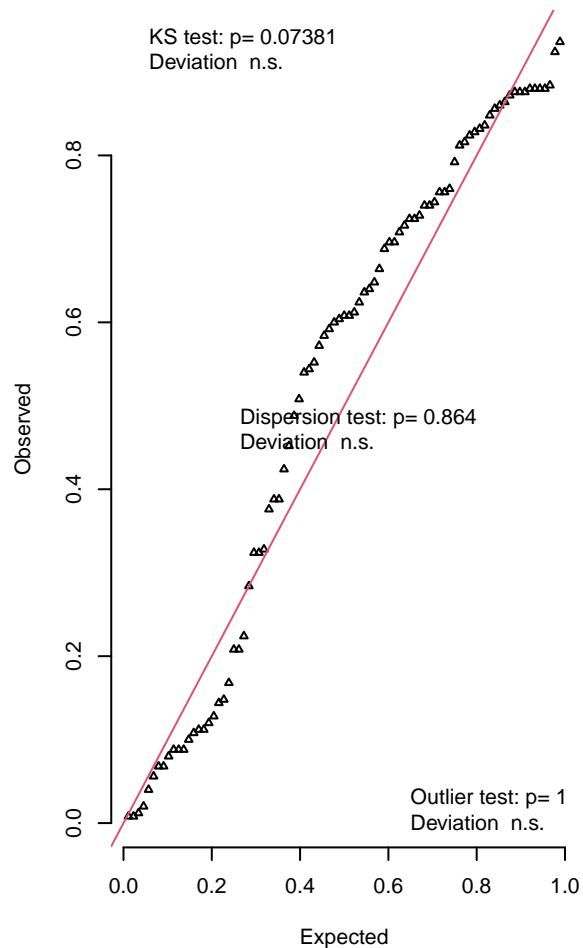


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

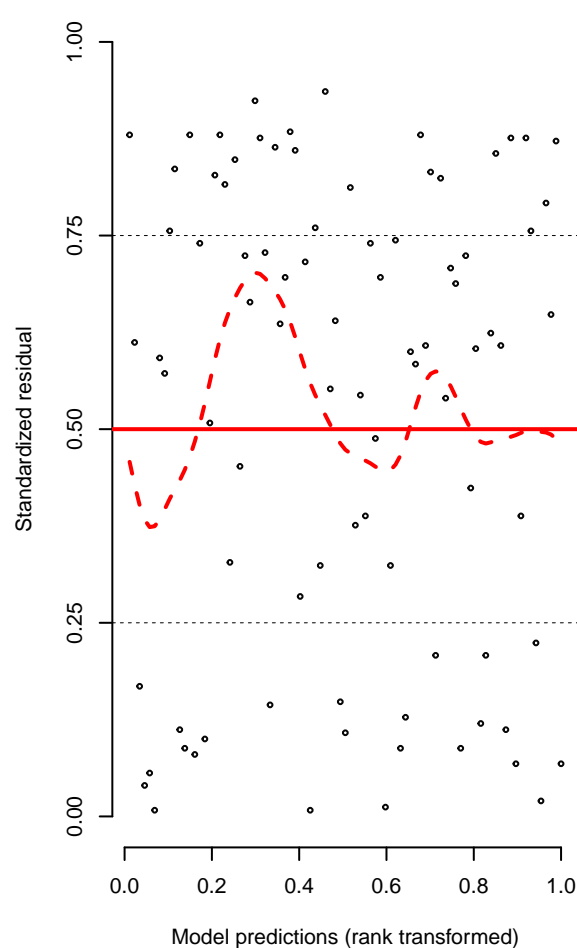


FDiv ~ intercept + area_std + temp_std + time_convert_std

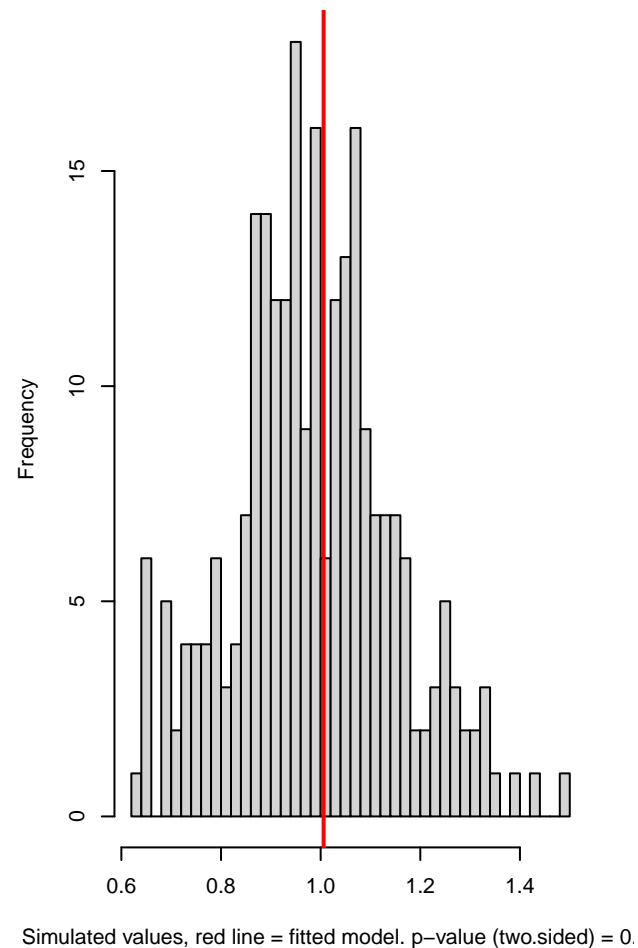
QQ plot residuals



Residual vs. predicted

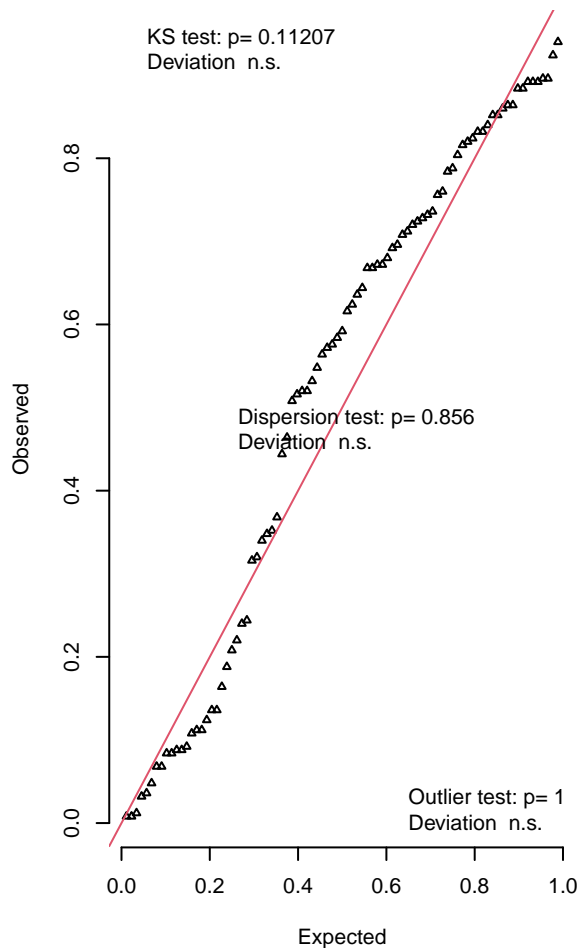


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

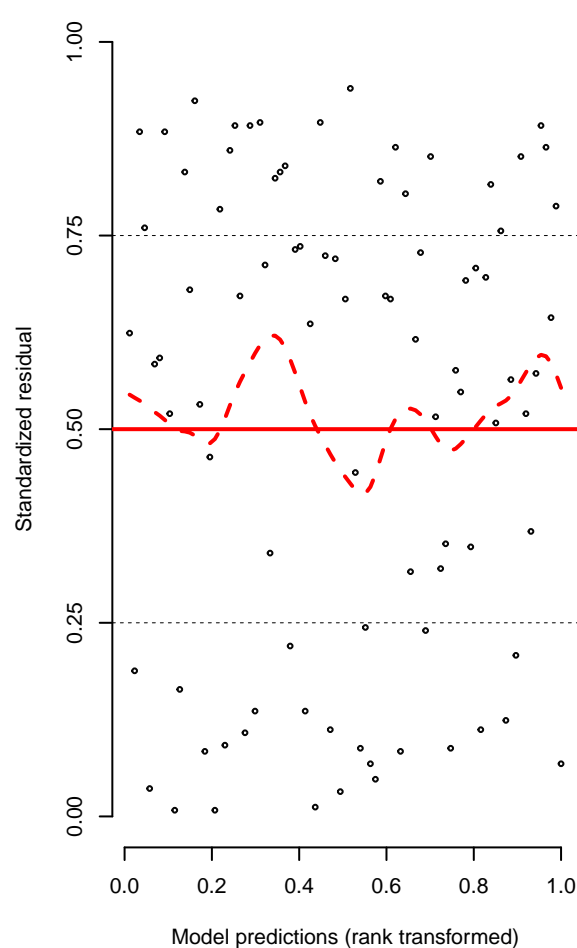


FDiv ~ intercept + area_std + fish1 + temp_std + time_convert_std

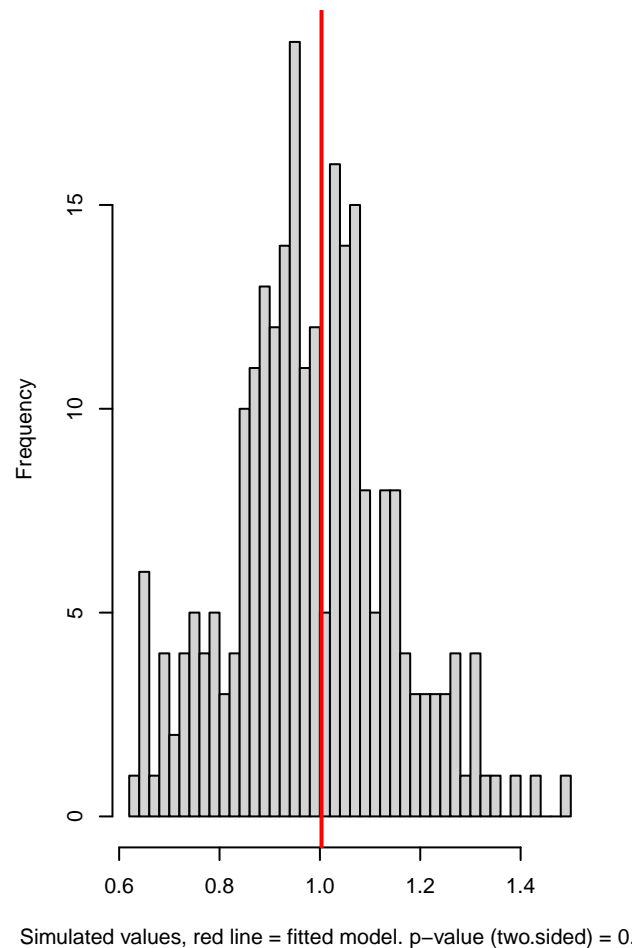
QQ plot residuals



Residual vs. predicted

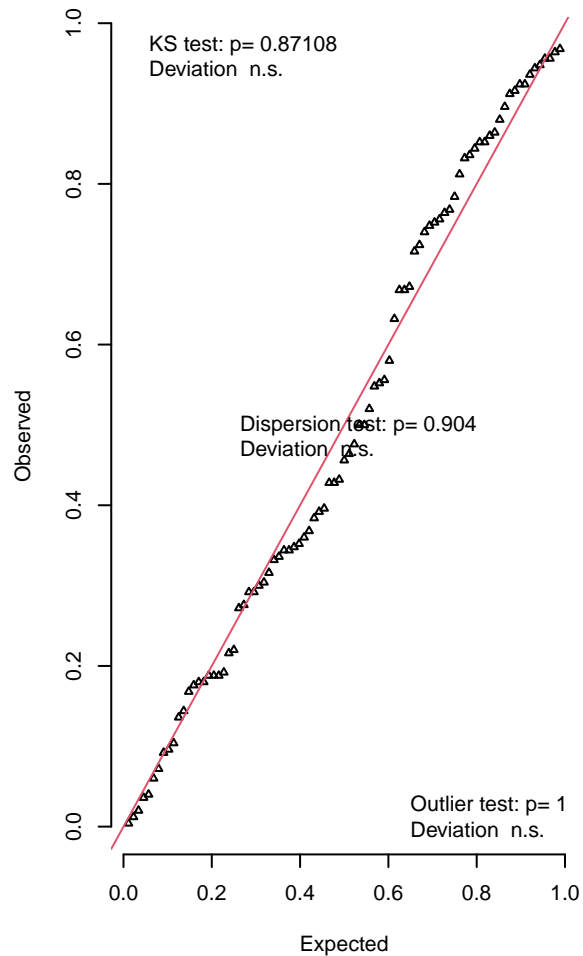


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

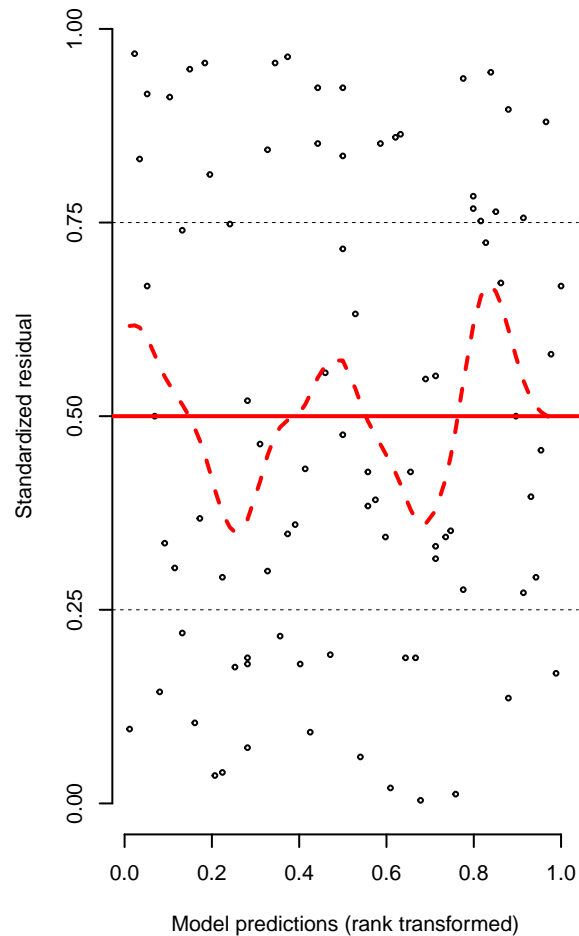


FEve ~ intercept + fish1 + temp_std

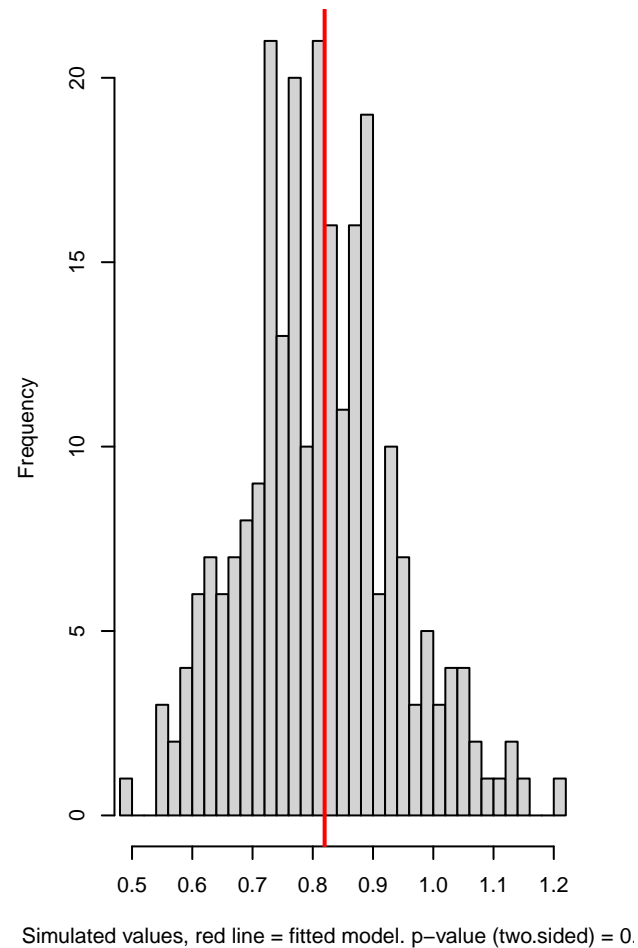
QQ plot residuals



Residual vs. predicted

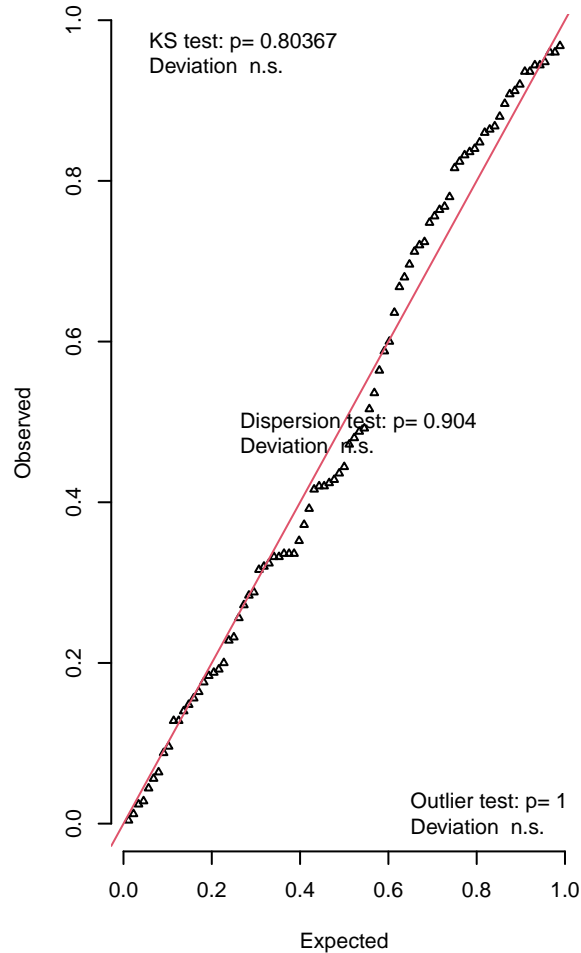


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

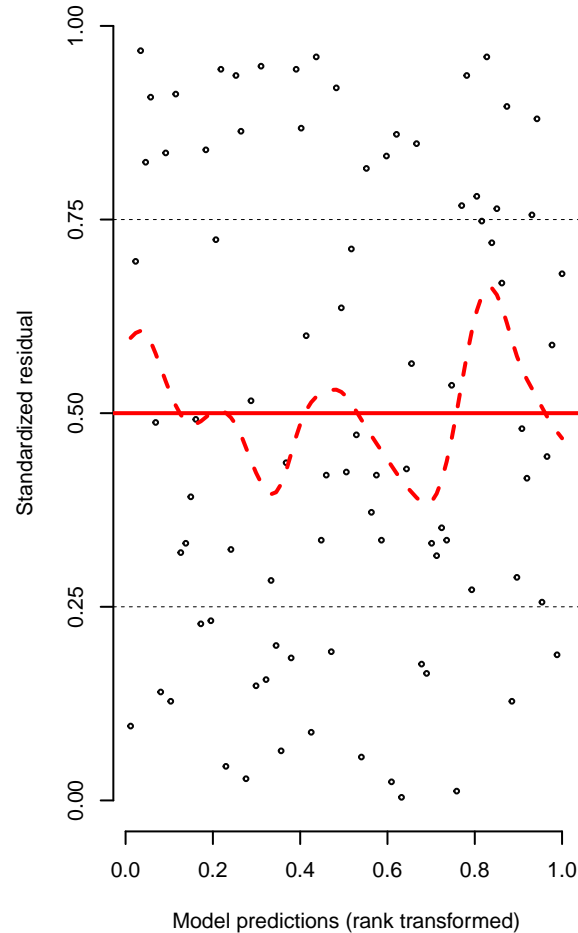


FEve ~ intercept + area_std + fish1 + temp_std

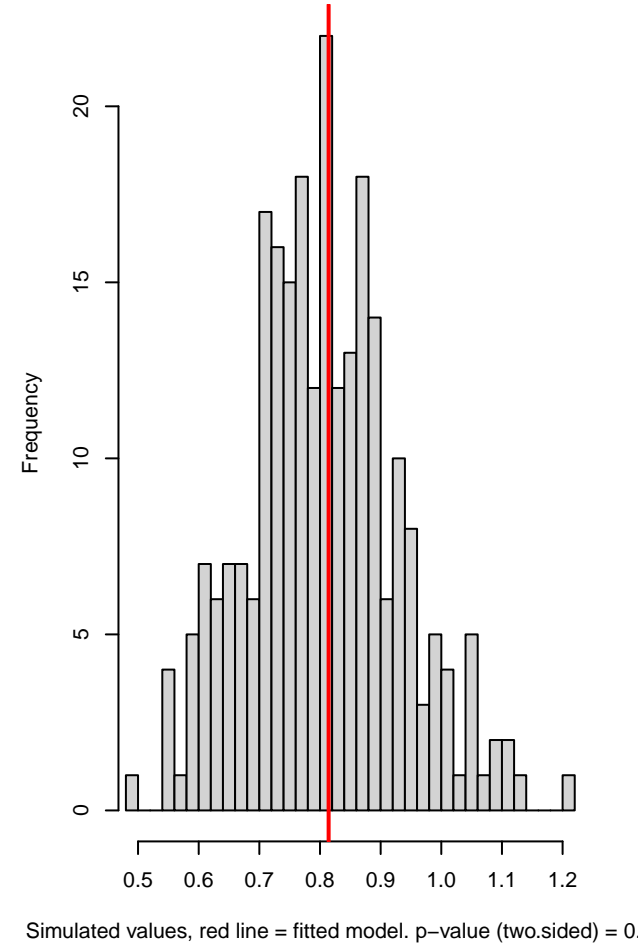
QQ plot residuals



Residual vs. predicted

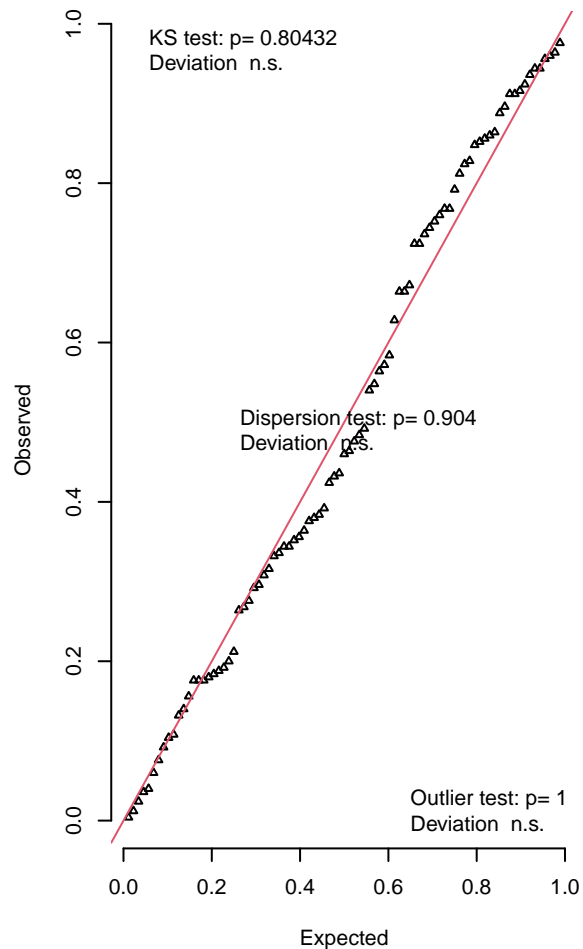


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

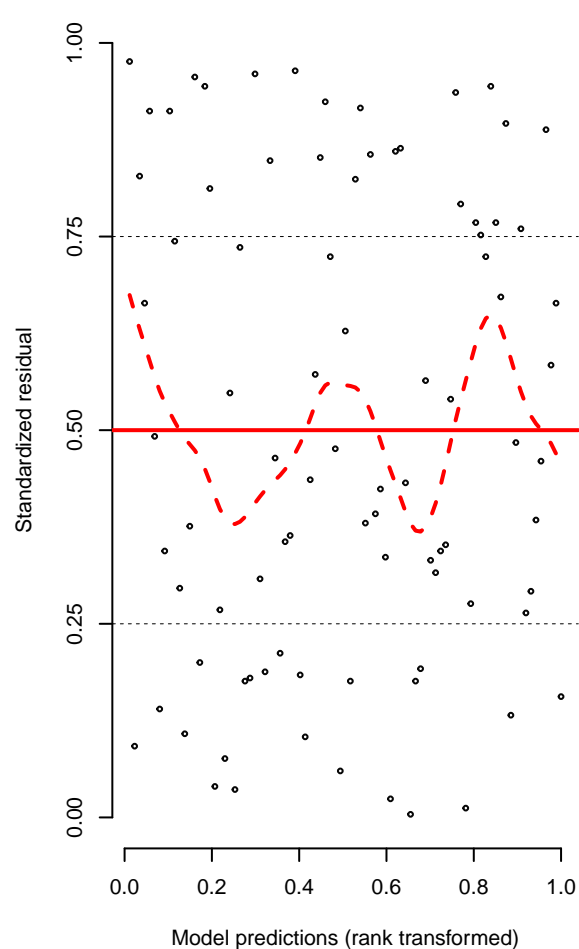


FEve ~ intercept + fish1 + temp_std + time_convert_std

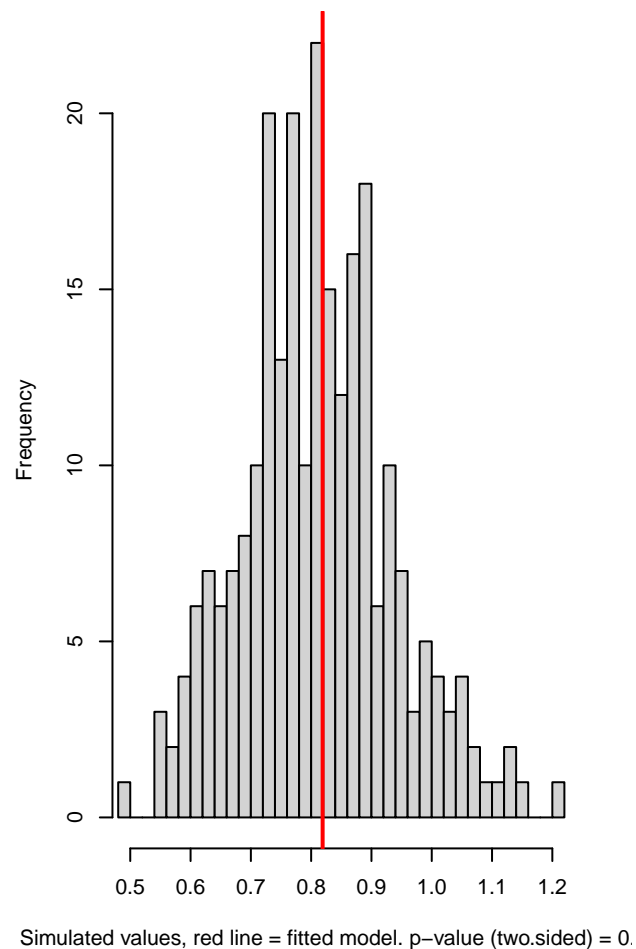
QQ plot residuals



Residual vs. predicted

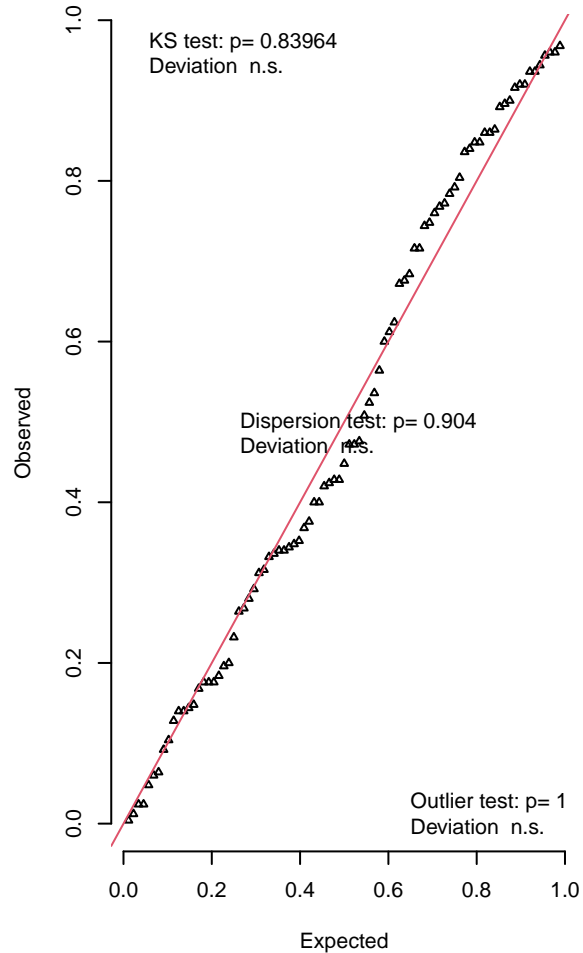


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

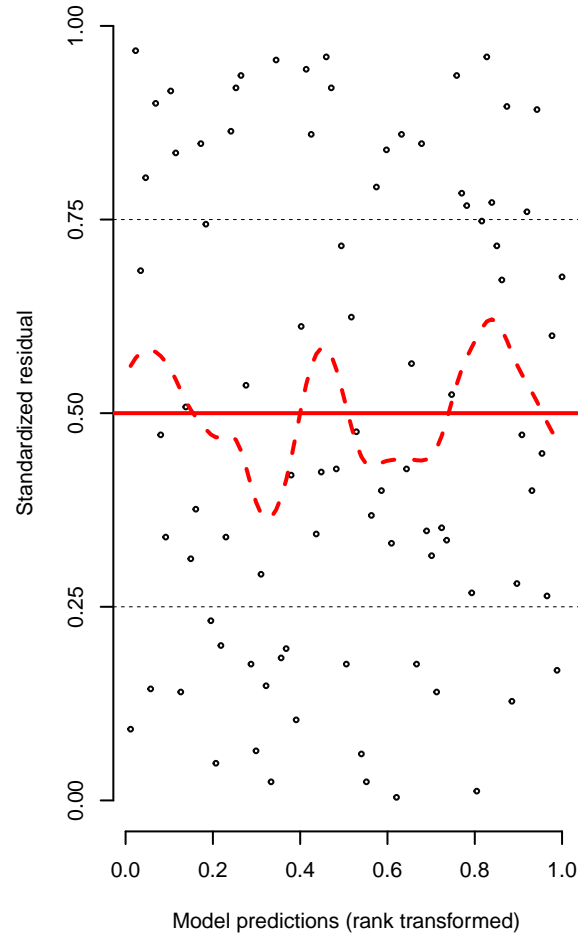


FEve ~ intercept + area_std + fish1 + temp_std + time_convert_std

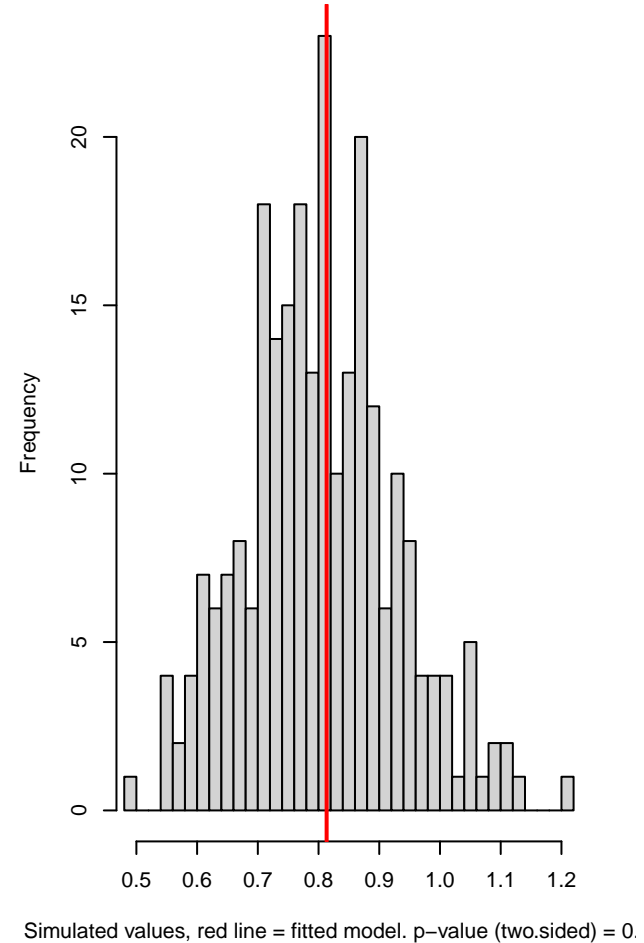
QQ plot residuals



Residual vs. predicted

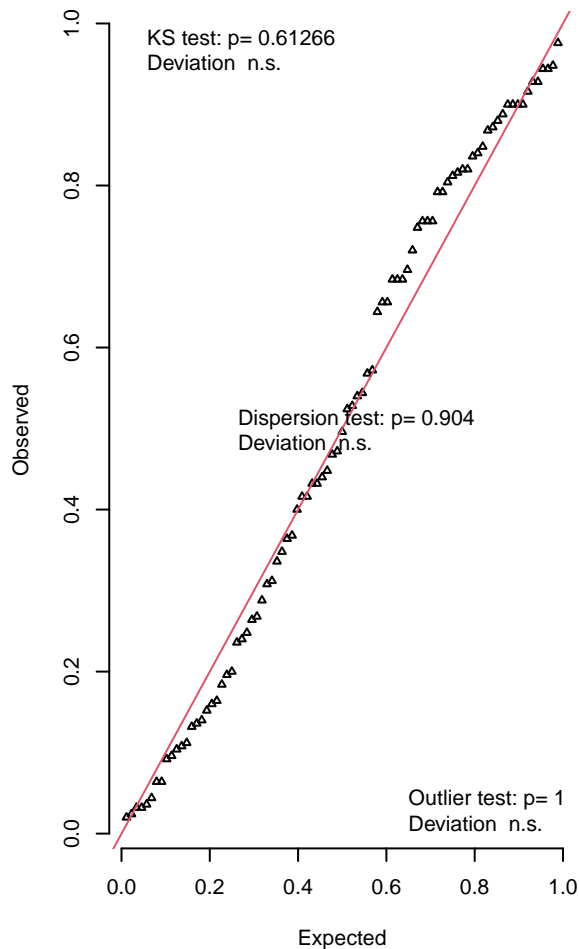


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

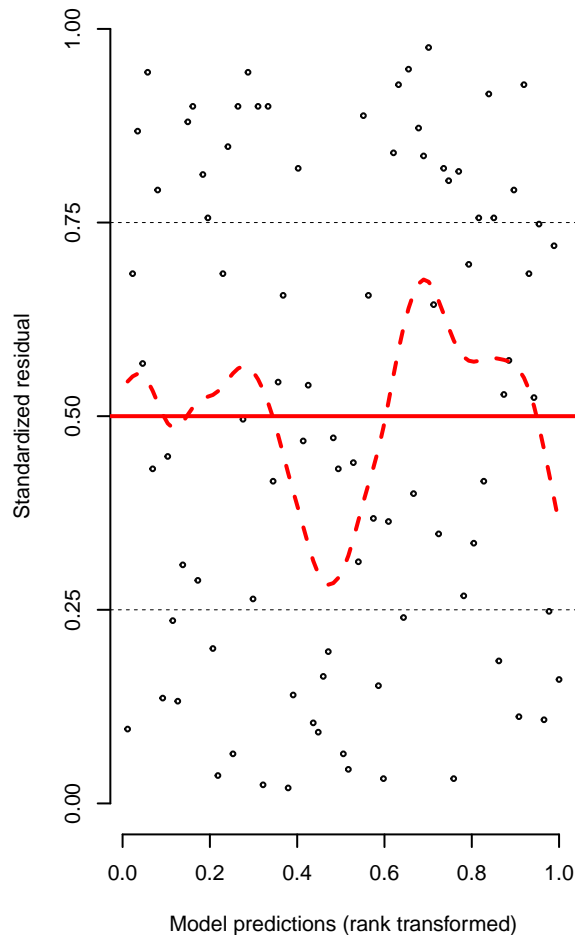


FEEve ~ intercept + area_std + temp_std

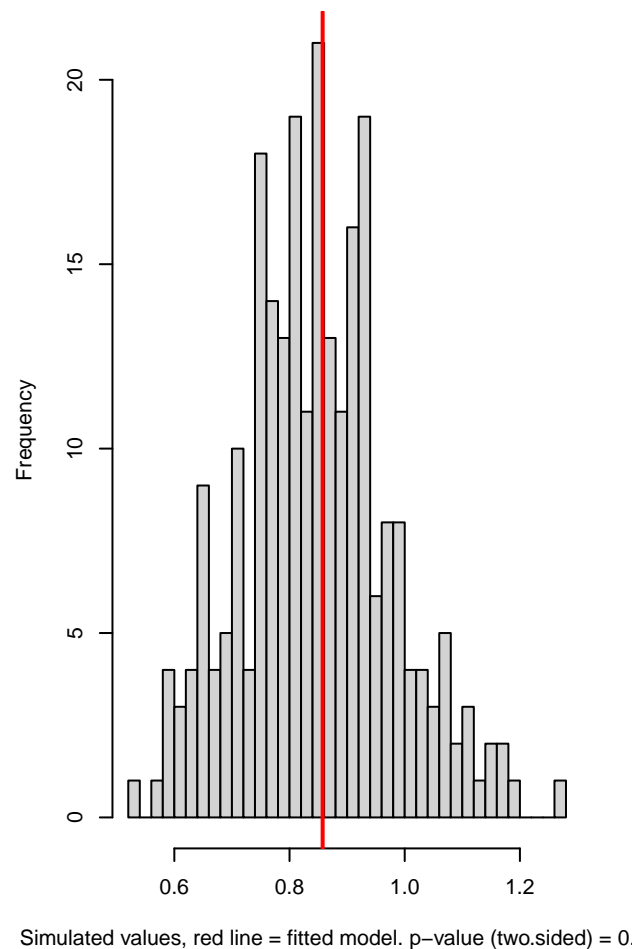
QQ plot residuals



Residual vs. predicted

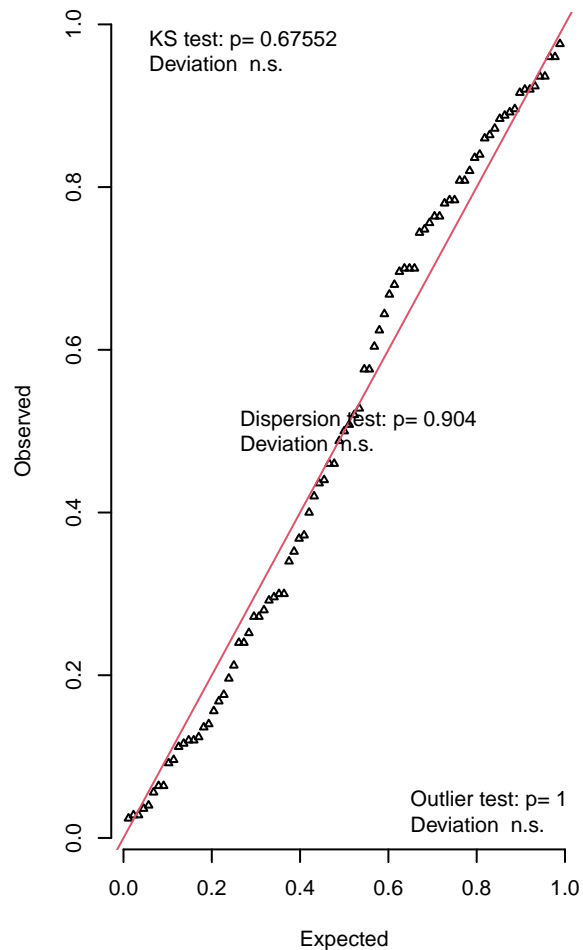


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

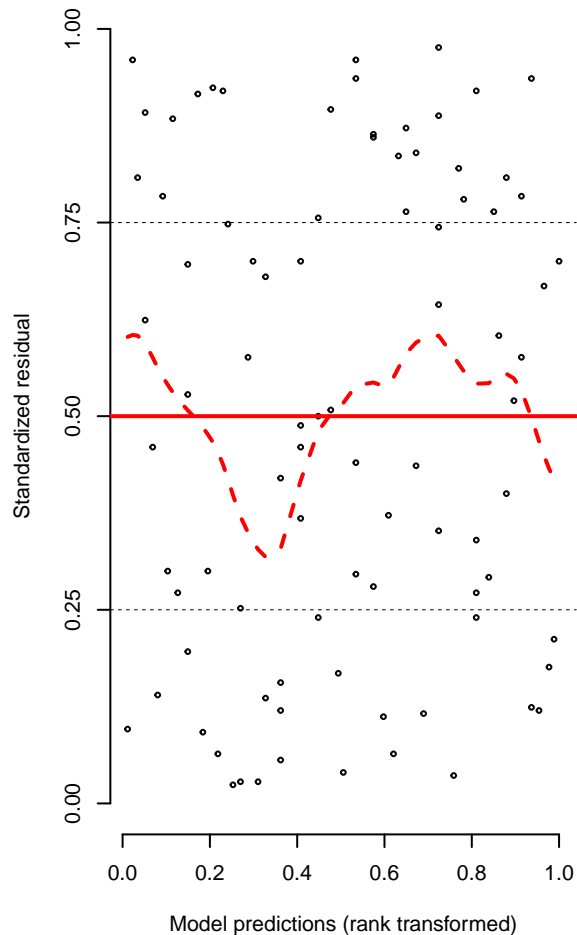


FEve ~ intercept + temp_std

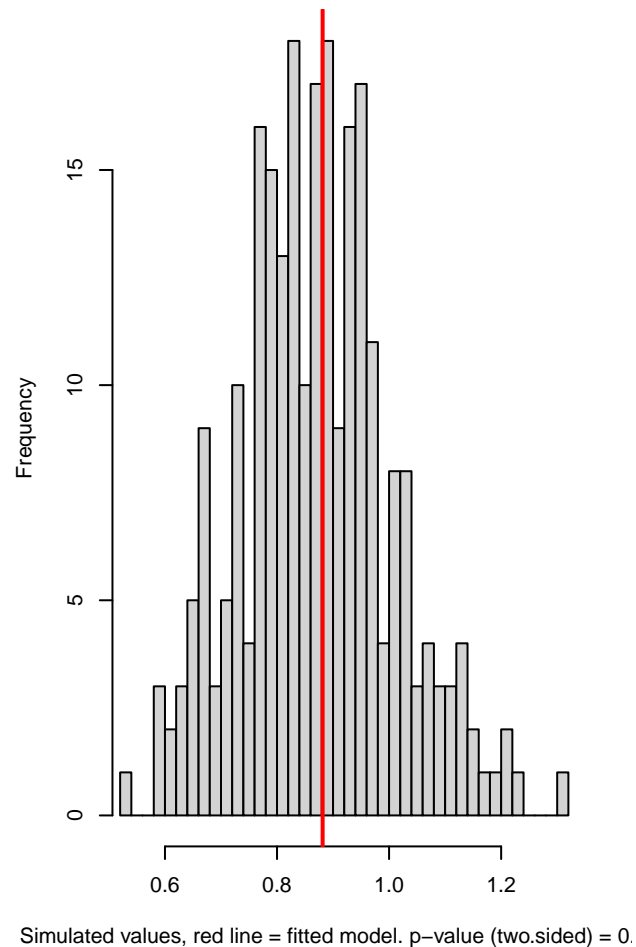
QQ plot residuals



Residual vs. predicted

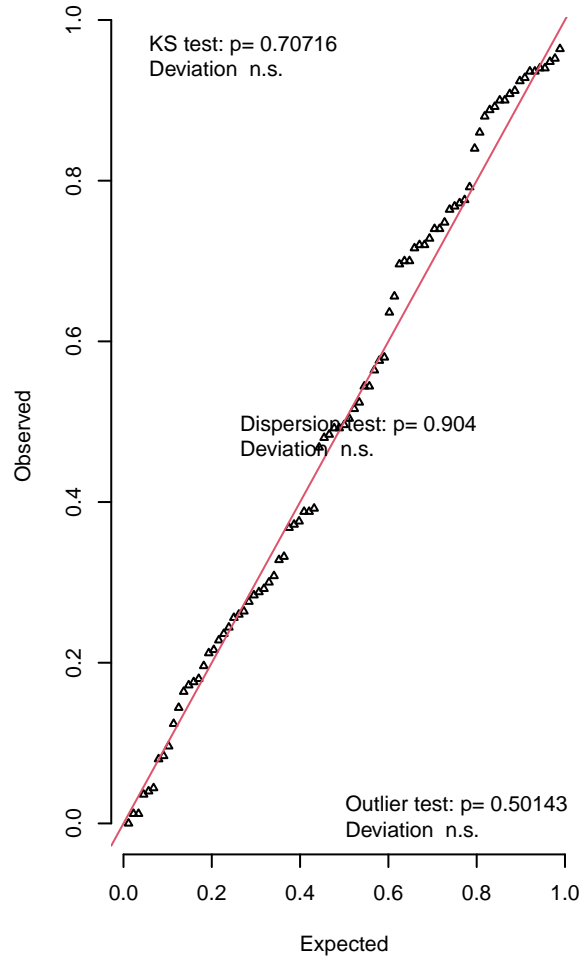


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

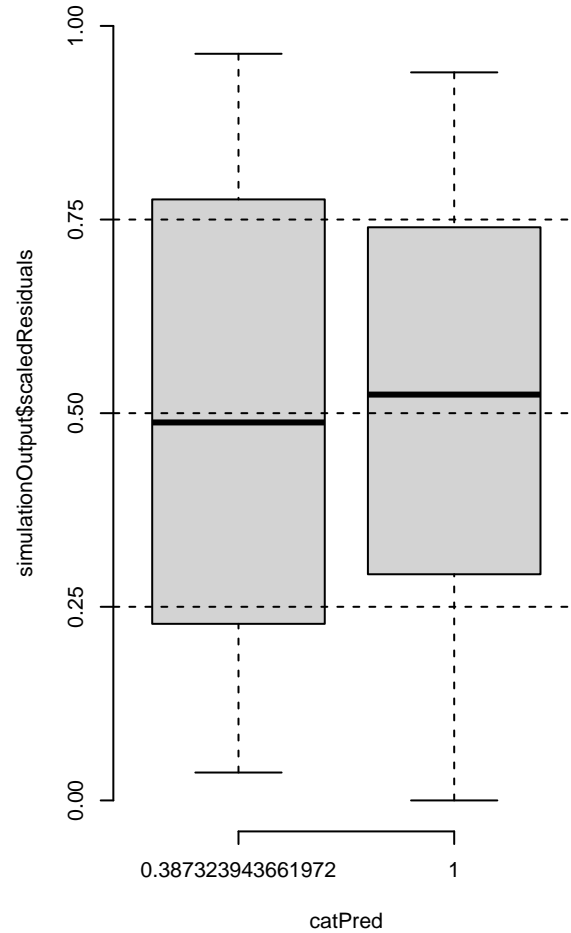


FEve ~ intercept + fish1

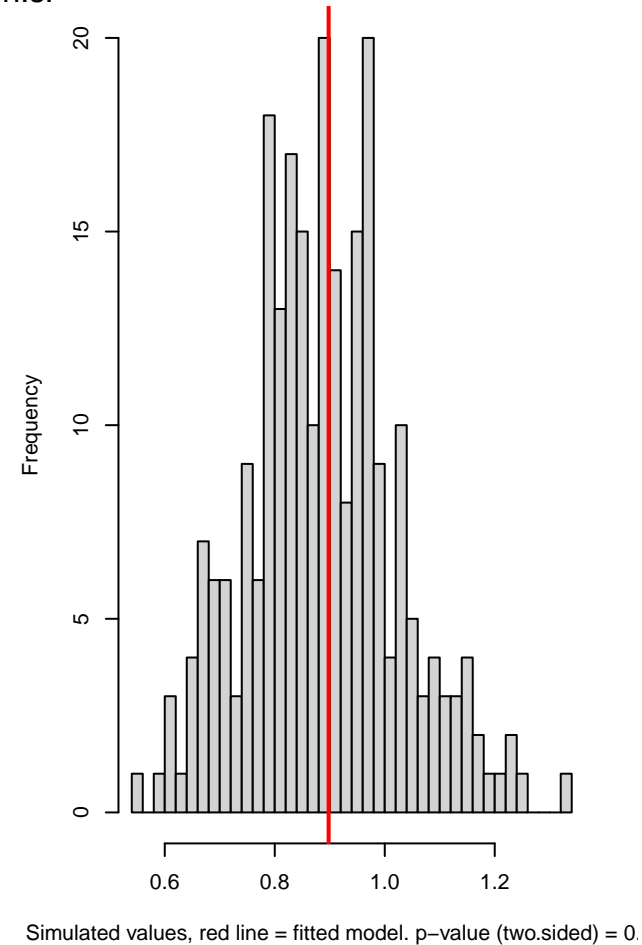
QQ plot residuals



Within-group deviation from uniformity n.s.
Levene Test for homogeneity of variance n.s.

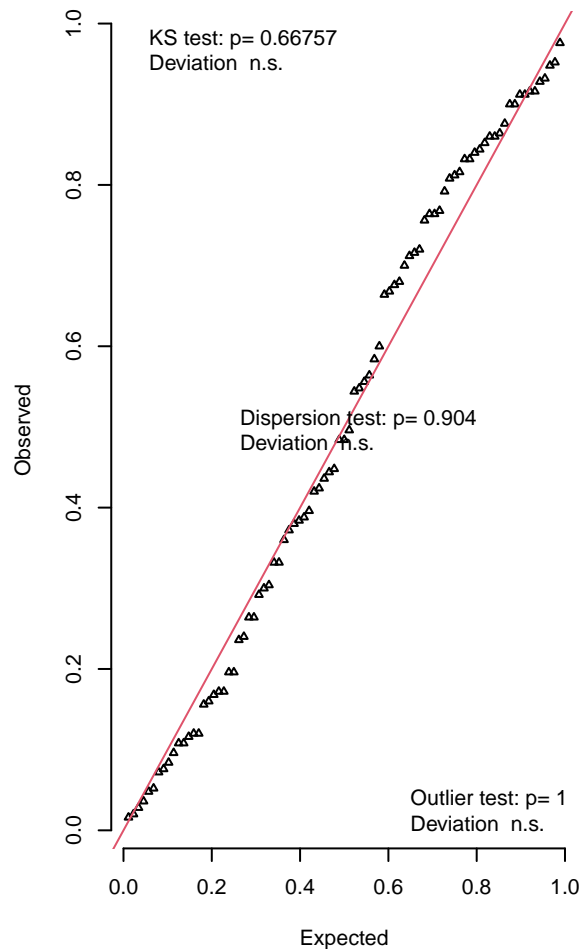


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

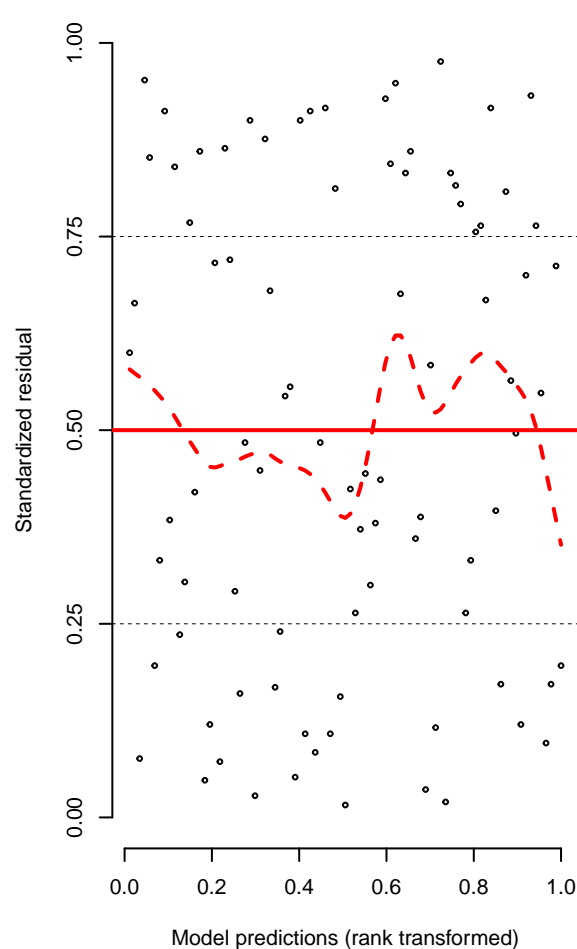


FEve ~ intercept + area_std + temp_std + time_convert_std

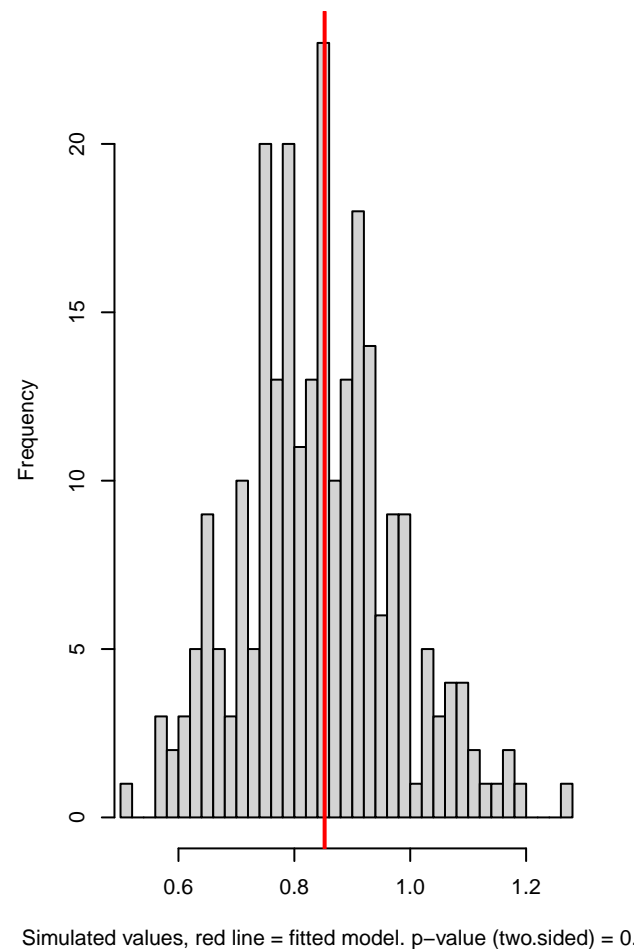
QQ plot residuals



Residual vs. predicted

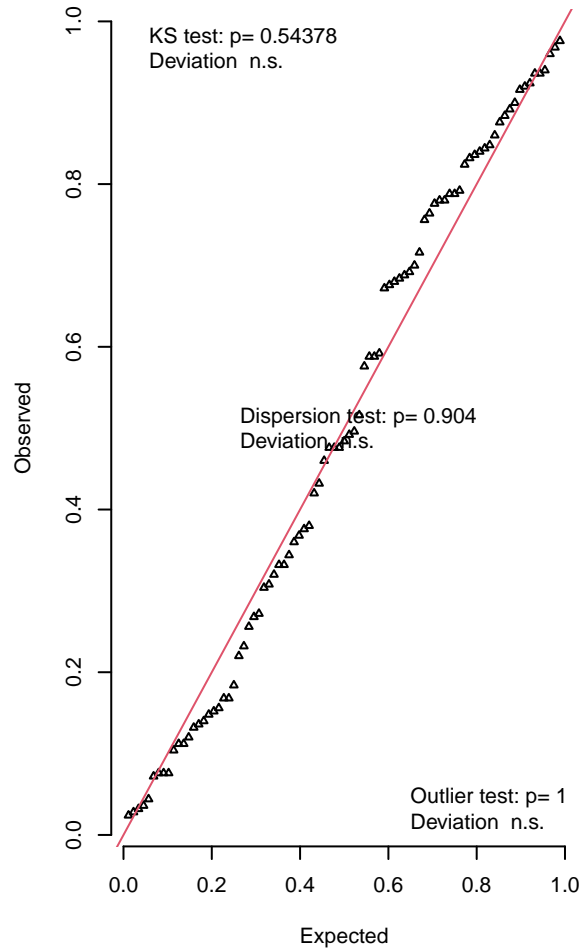


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

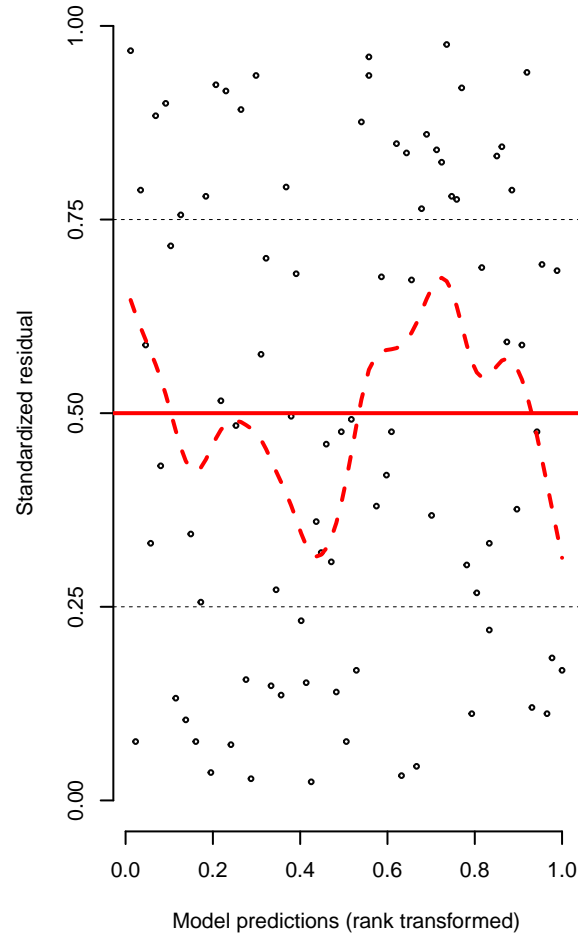


FEEve ~ intercept + temp_std + time_convert_std

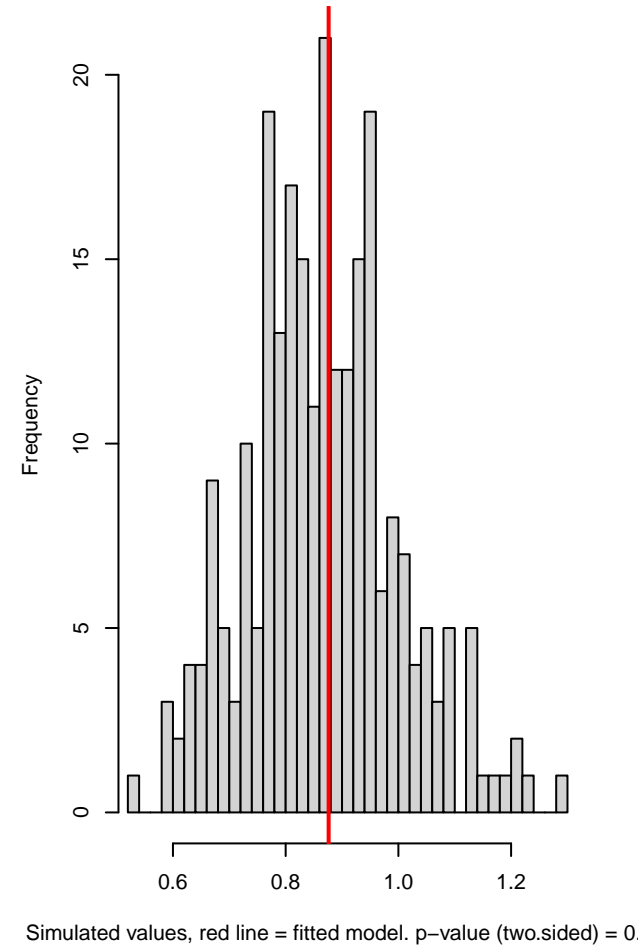
QQ plot residuals



Residual vs. predicted

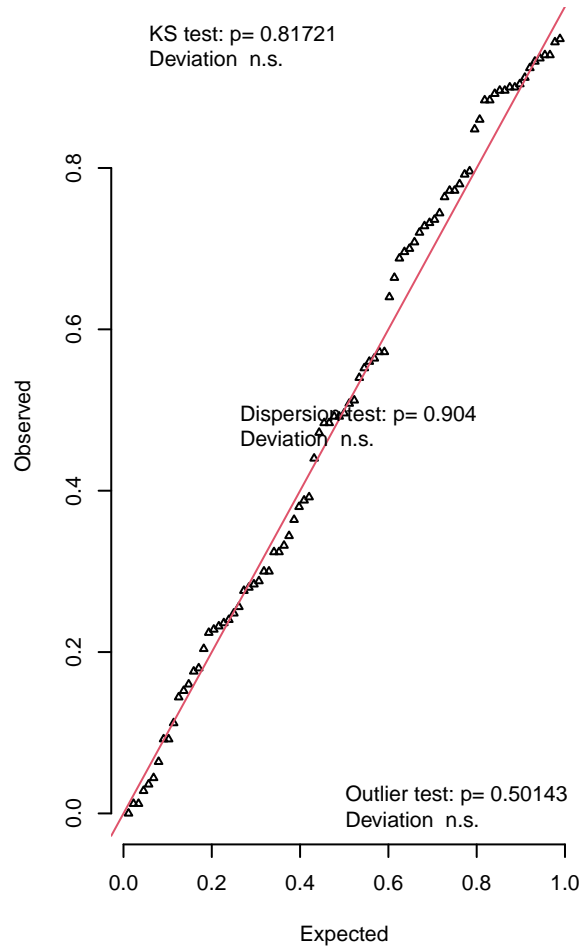


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

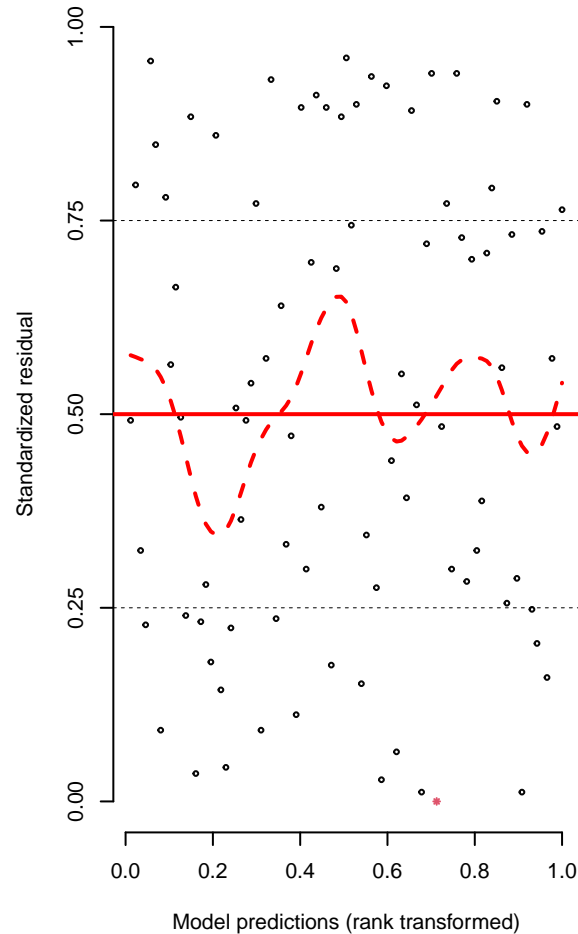


FEve ~ intercept + area_std + fish1

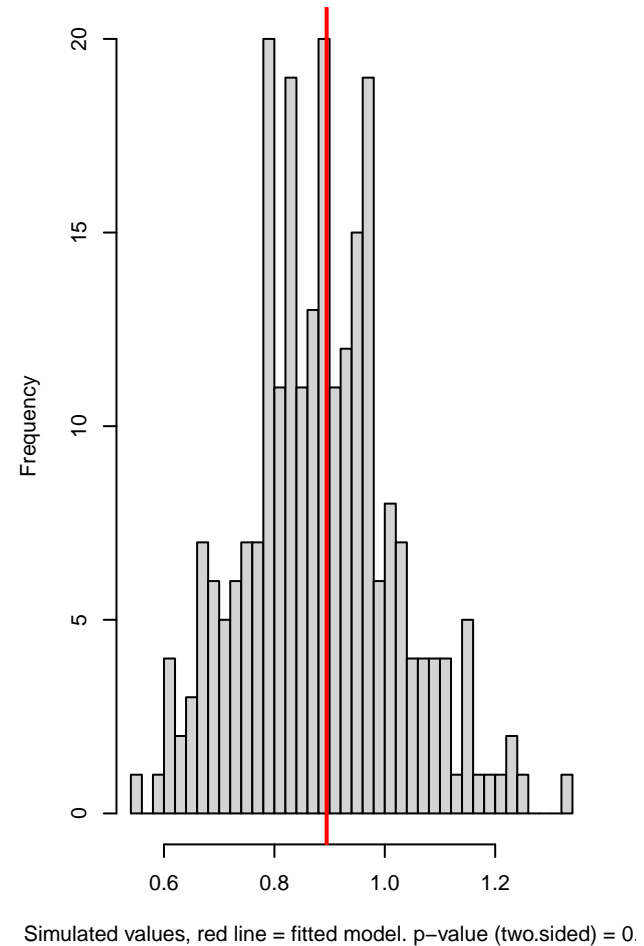
QQ plot residuals



Residual vs. predicted

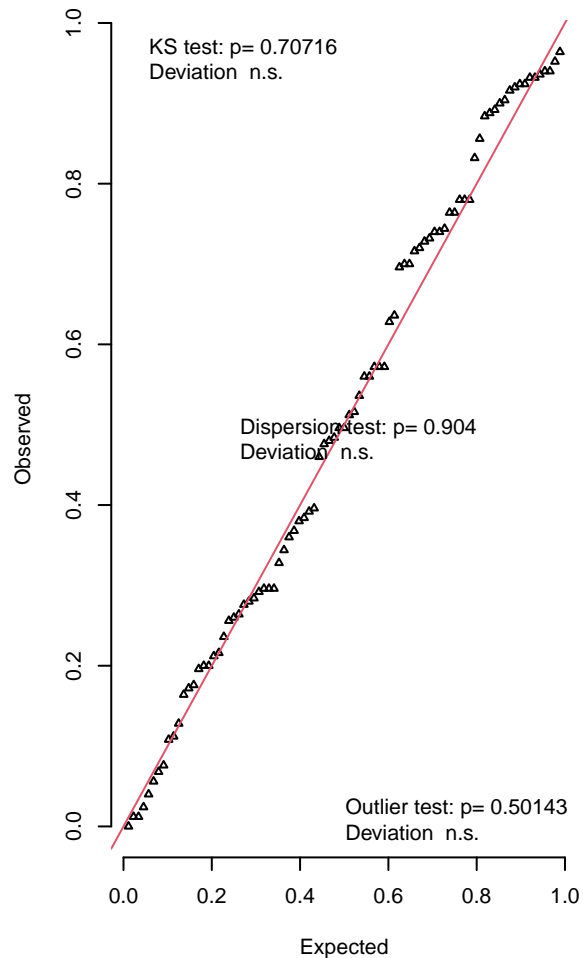


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

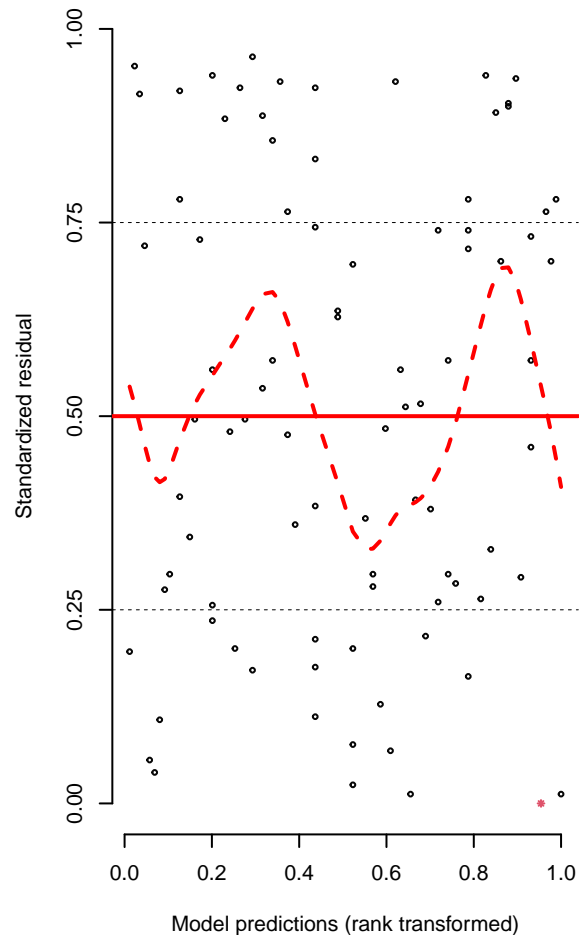


FEEve ~ intercept + fish1 + time_convert_std

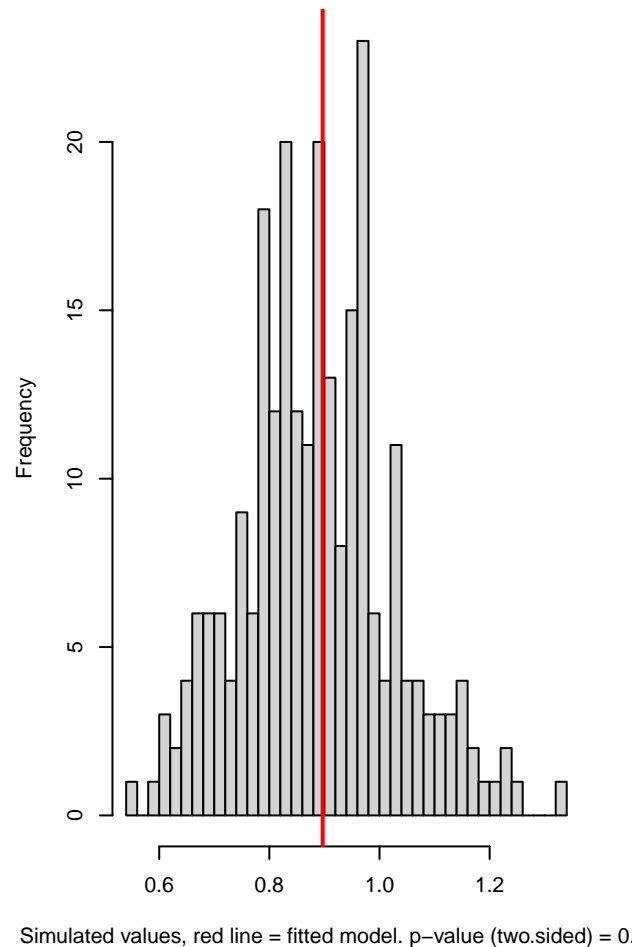
QQ plot residuals



Residual vs. predicted

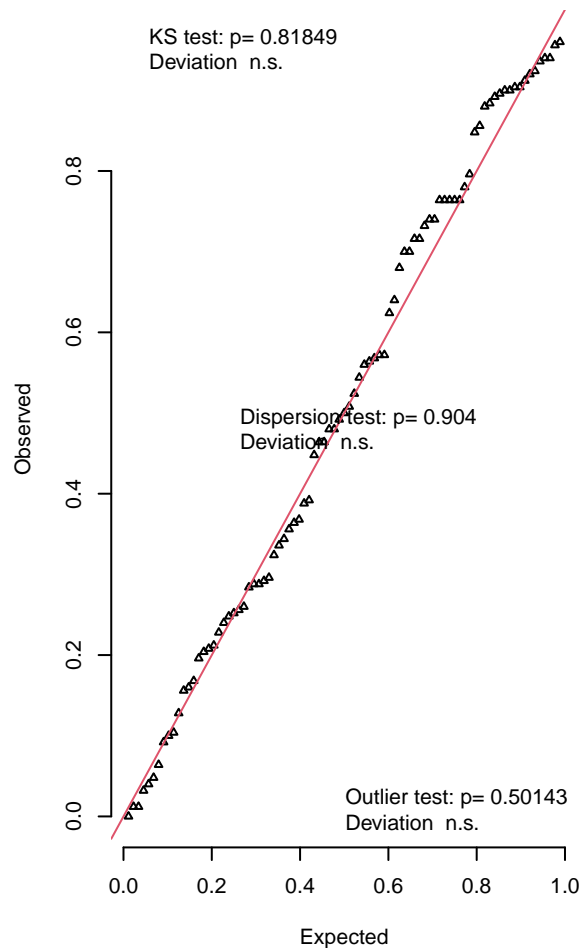


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

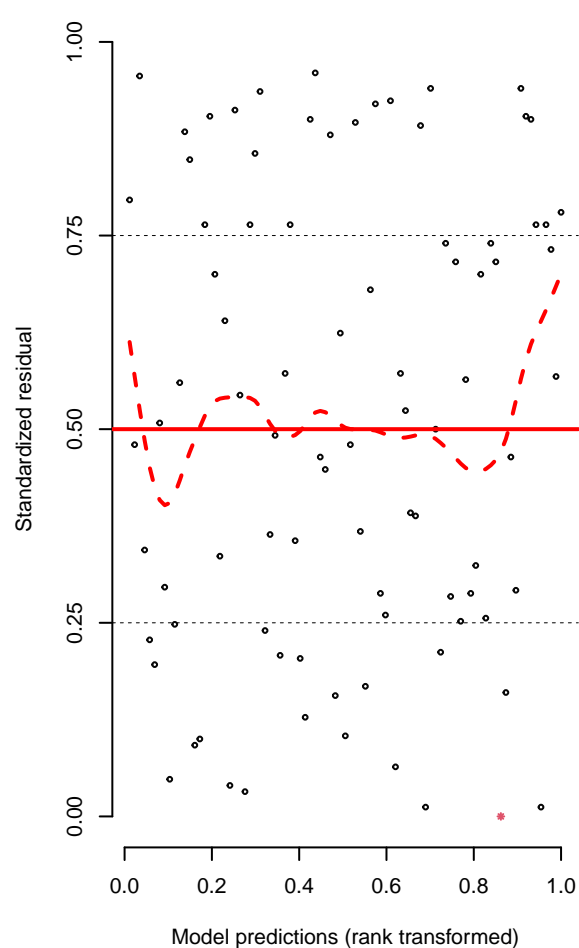


FEve ~ intercept + area_std + fish1 + time_convert_std

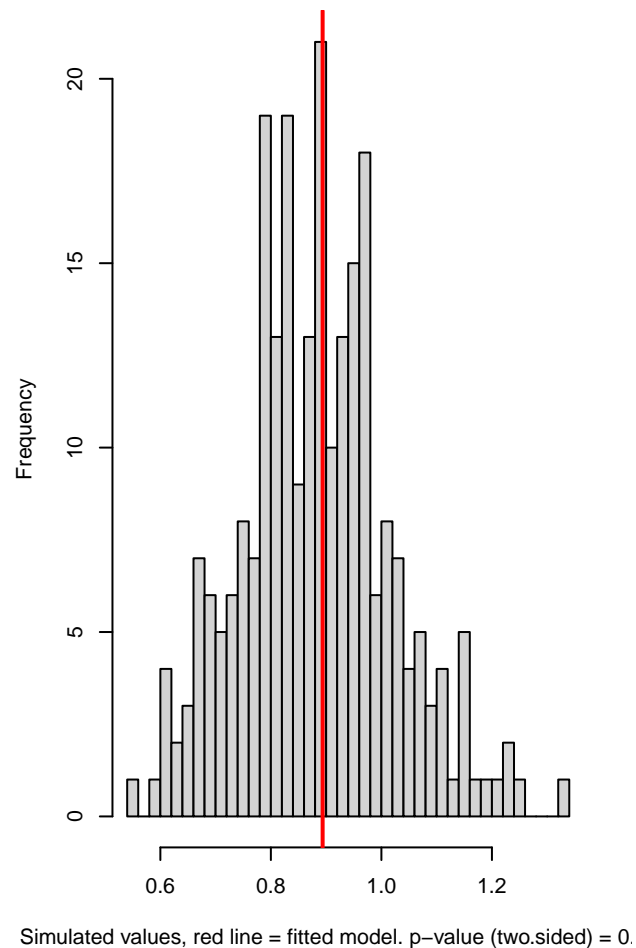
QQ plot residuals



Residual vs. predicted

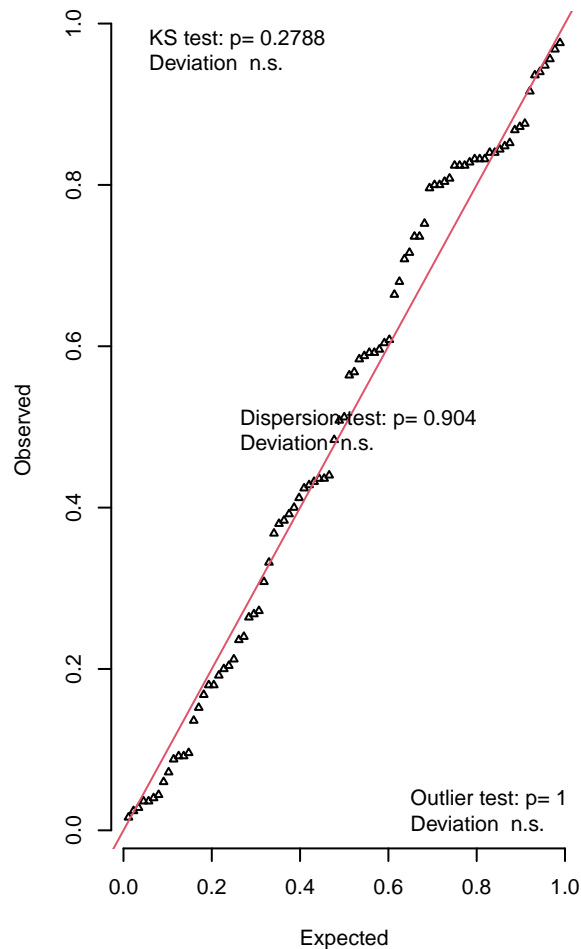


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

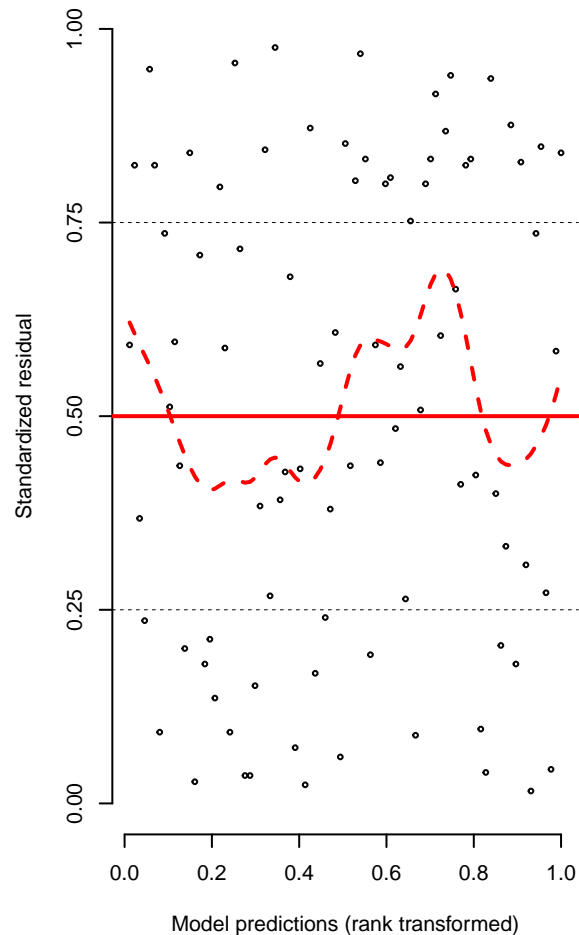


FEve ~ intercept + area_std

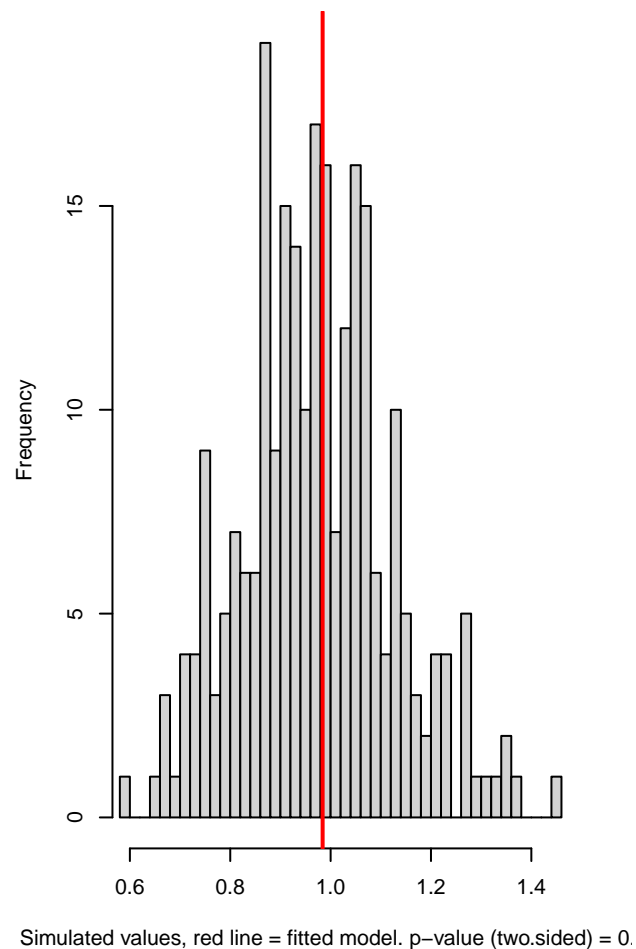
QQ plot residuals



Residual vs. predicted

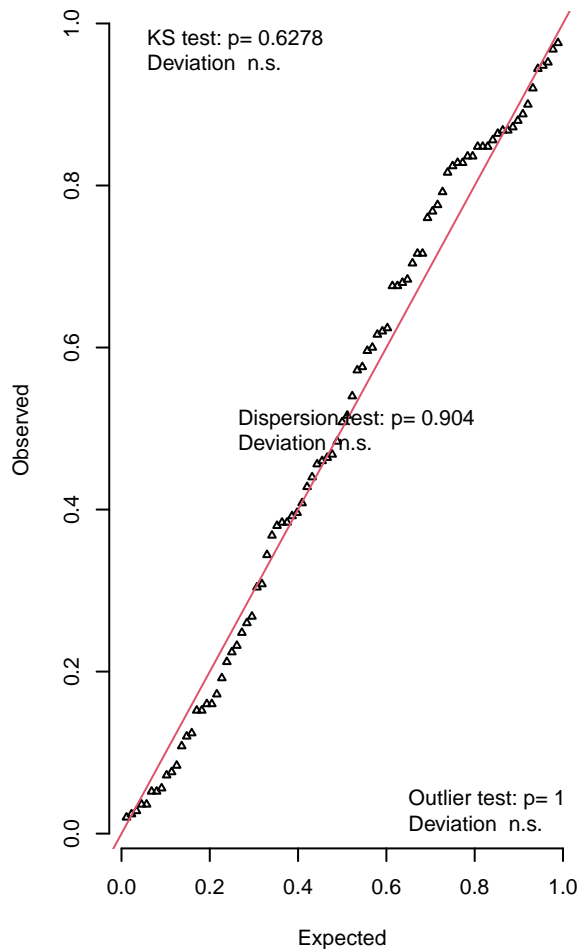


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

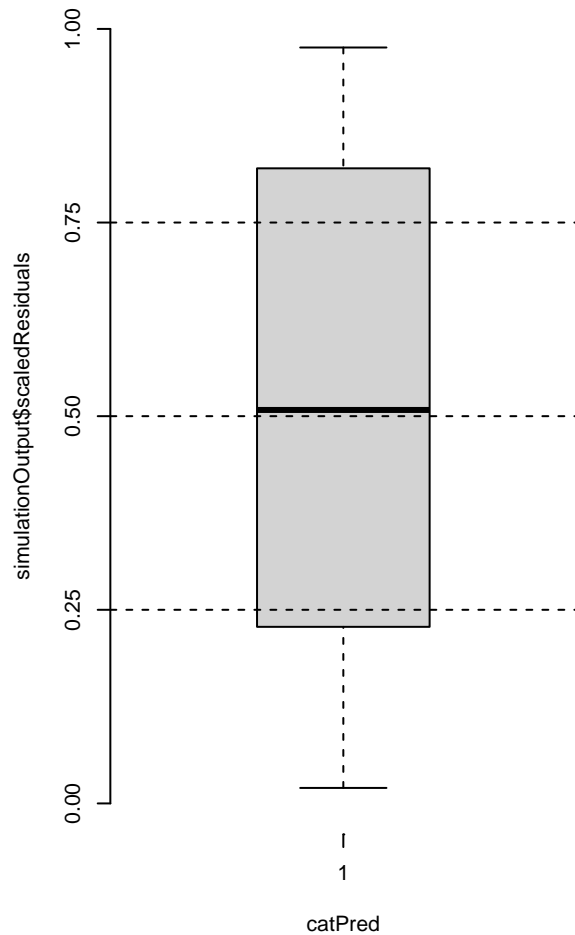


FEve ~ intercept

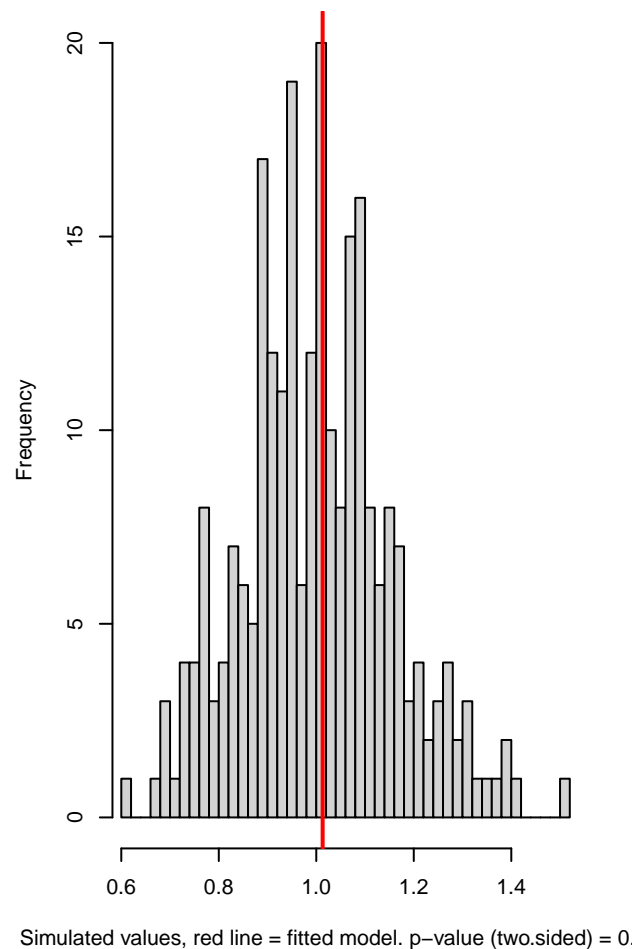
QQ plot residuals



Within-group deviation from uniformity n.s.

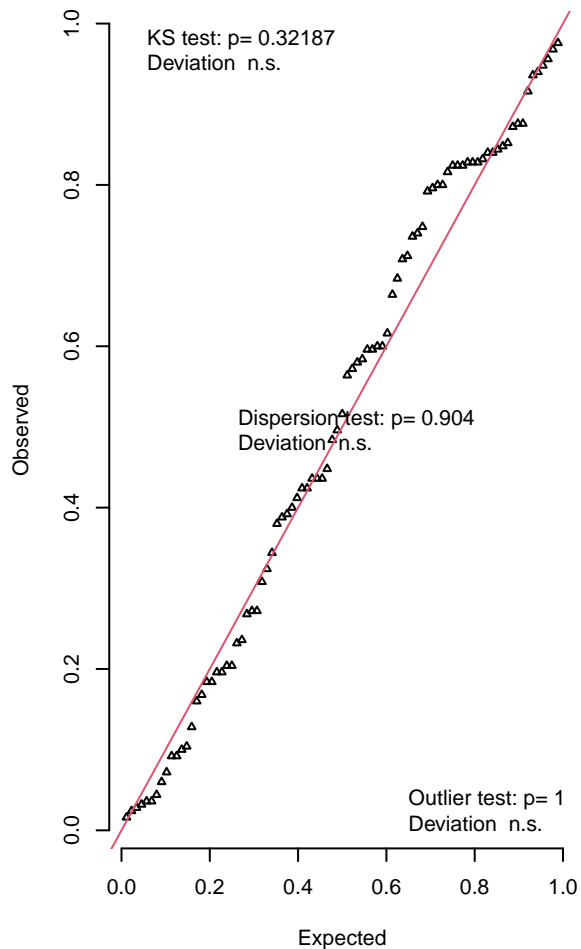


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

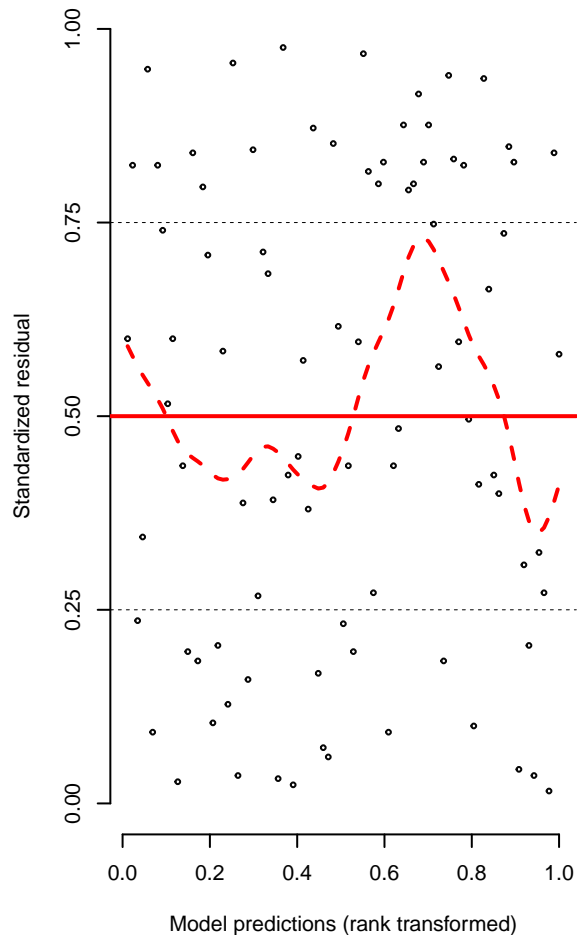


FEve ~ intercept + area_std + time_convert_std

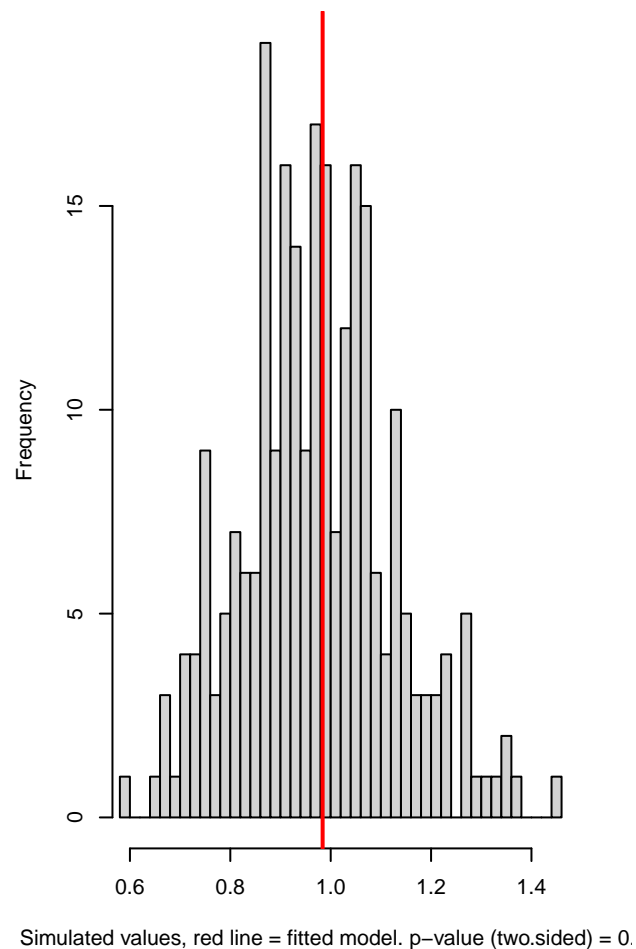
QQ plot residuals



Residual vs. predicted

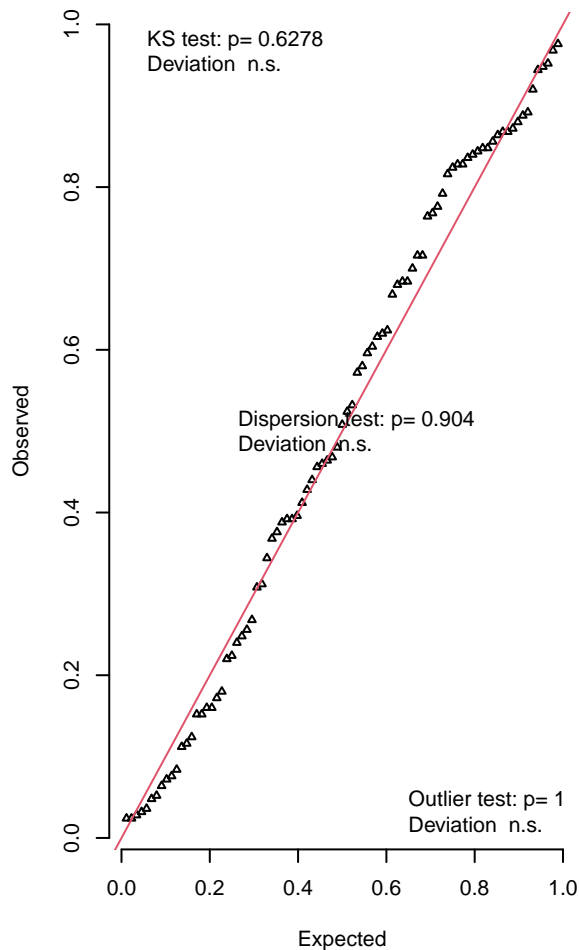


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

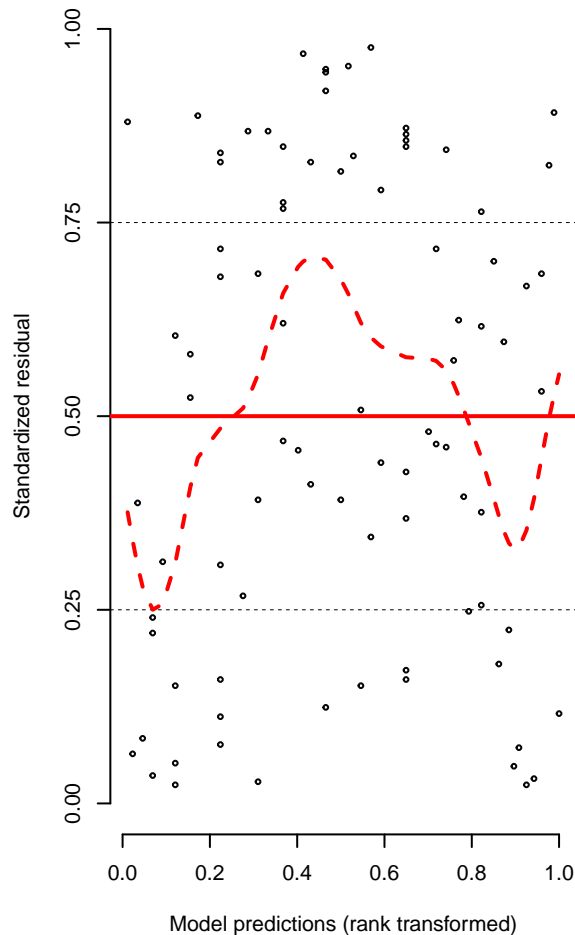


FEve ~ intercept + time_convert_std

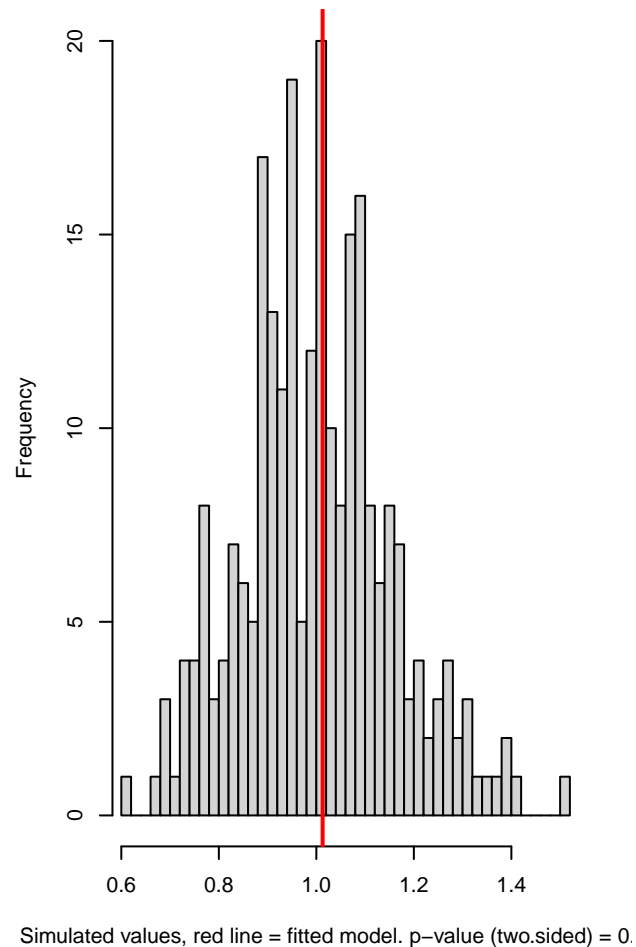
QQ plot residuals



Residual vs. predicted

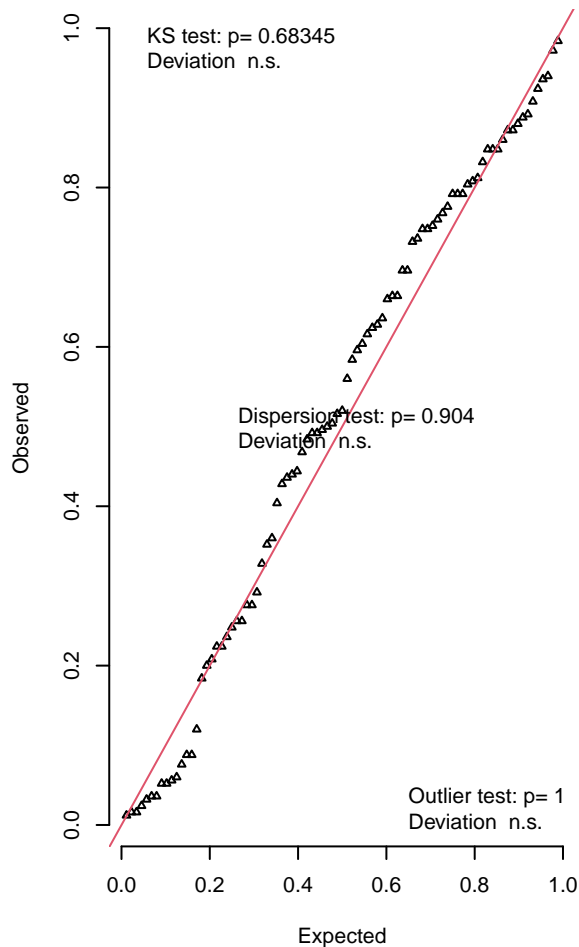


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

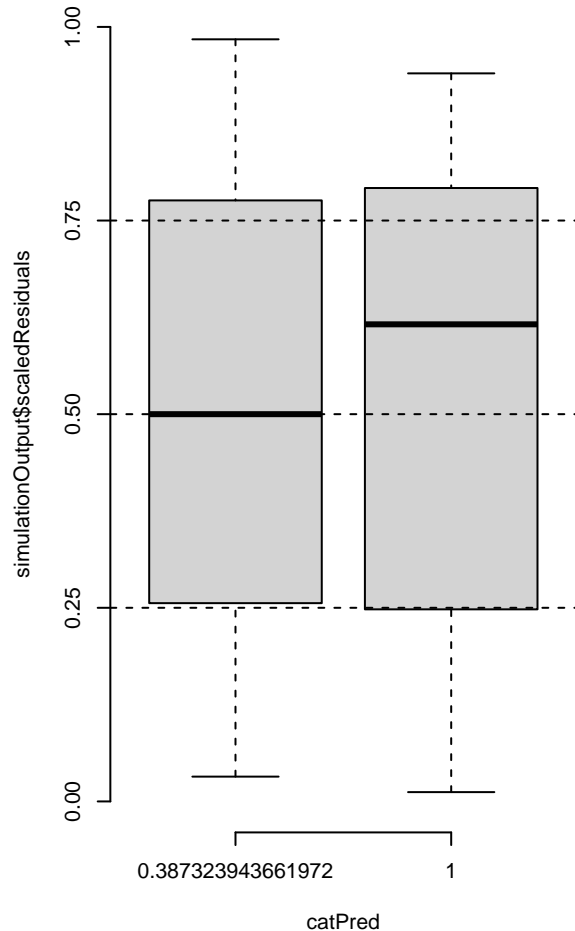


M.prime ~ intercept + fish1

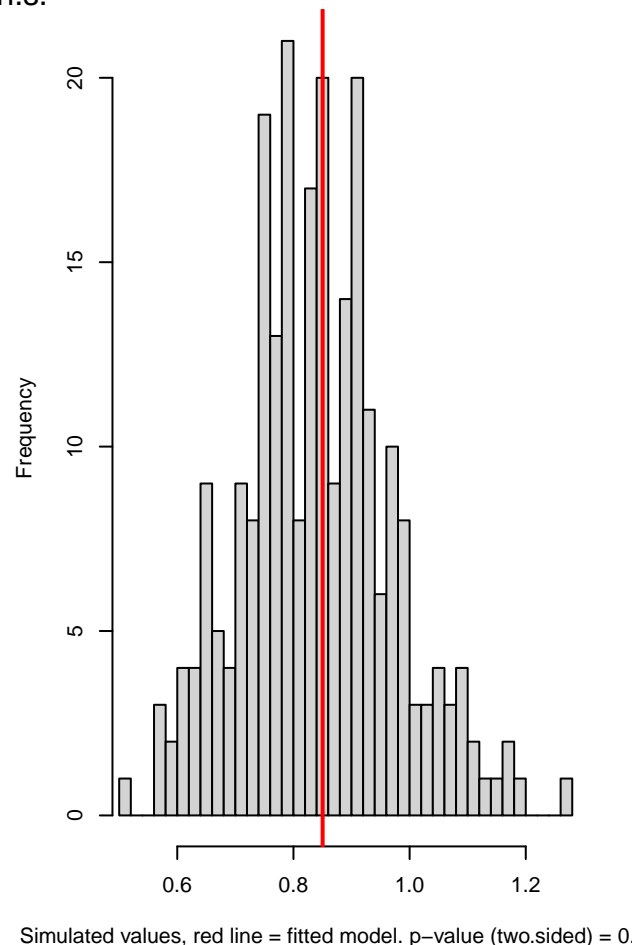
QQ plot residuals



Within-group deviation from uniformity n.s.
Levene Test for homogeneity of variance n.s.

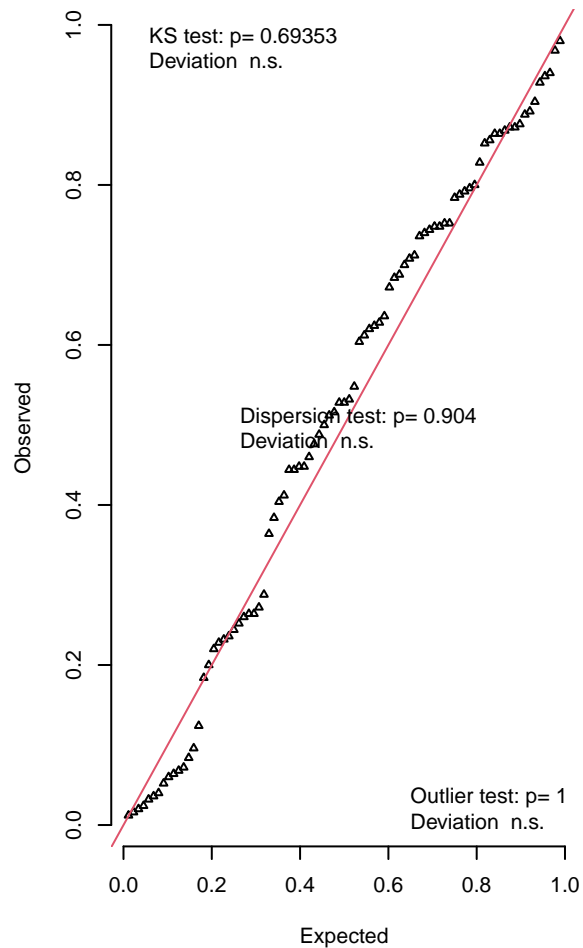


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

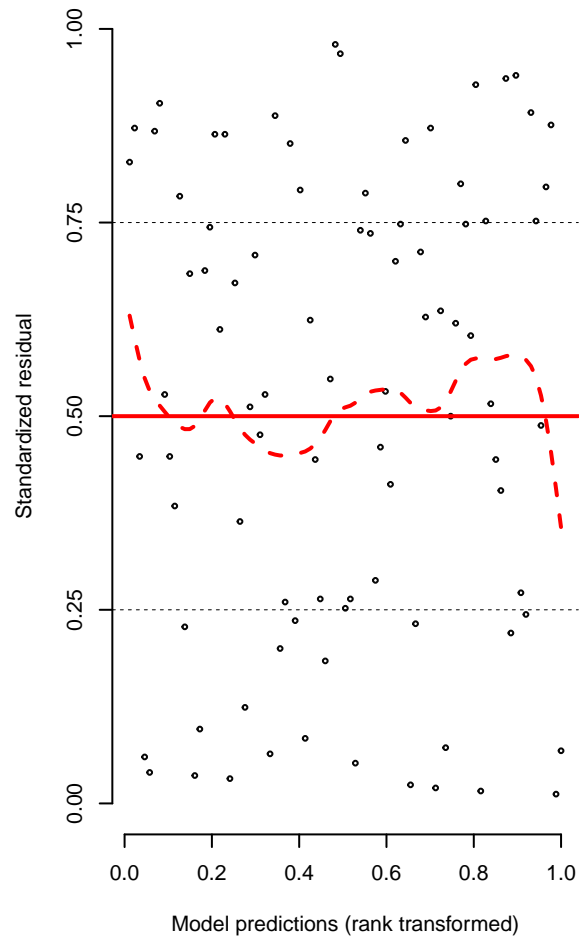


M.prime ~ intercept + area_std + fish1

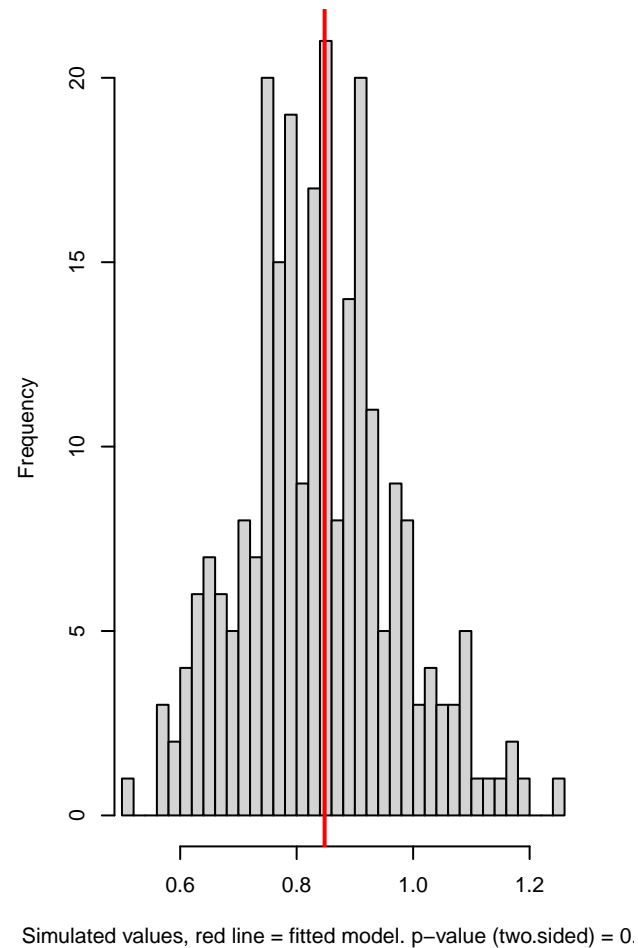
QQ plot residuals



Residual vs. predicted

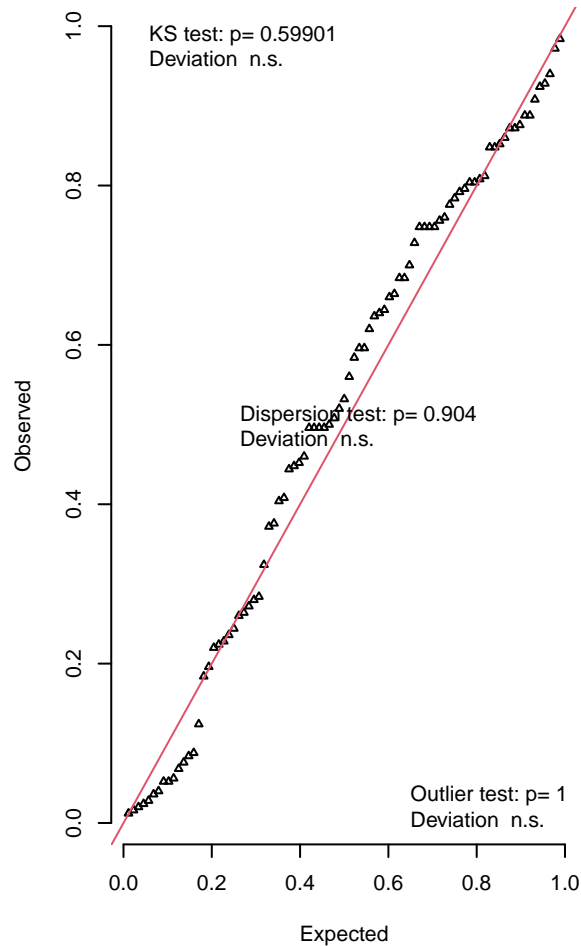


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

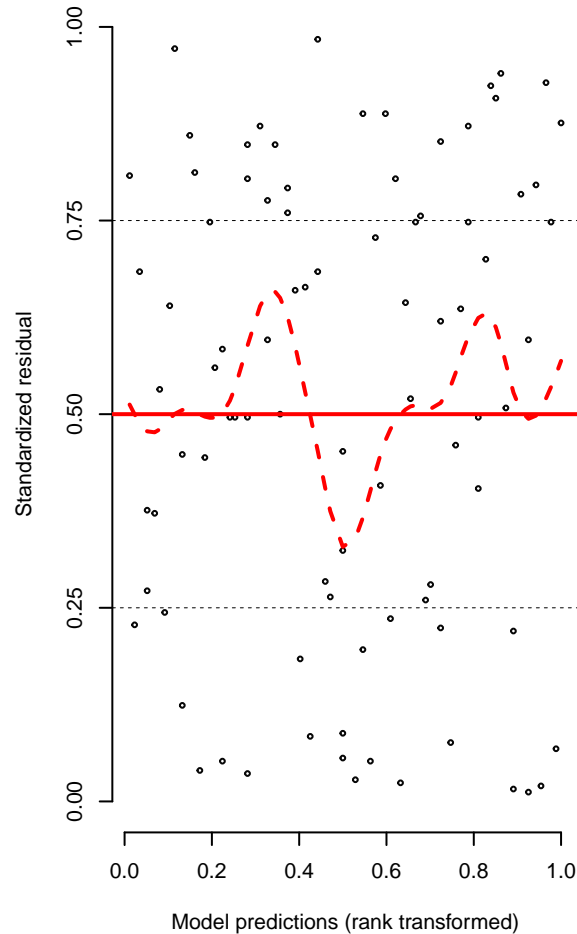


M.prime ~ intercept + fish1 + temp_std

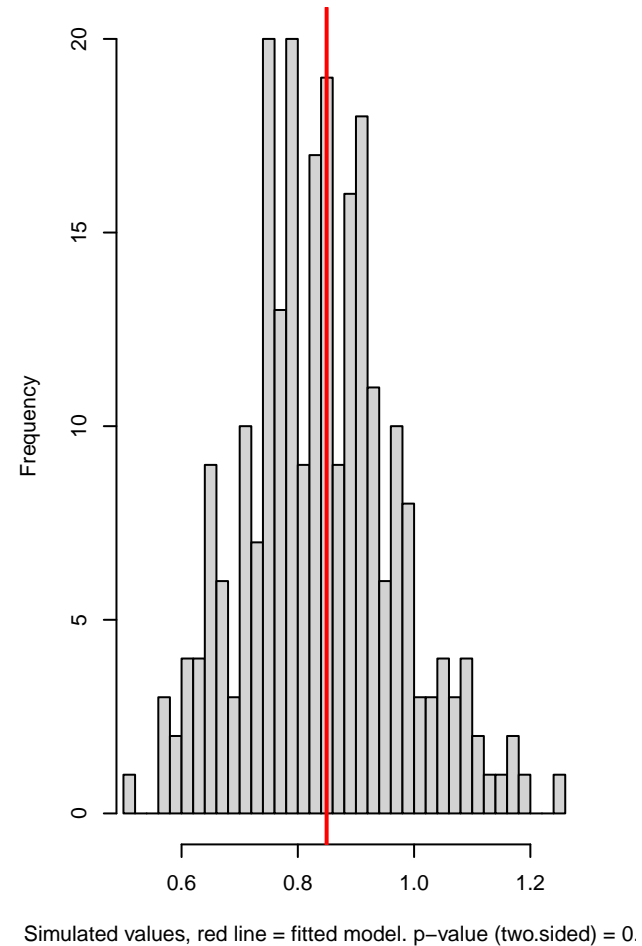
QQ plot residuals



Residual vs. predicted

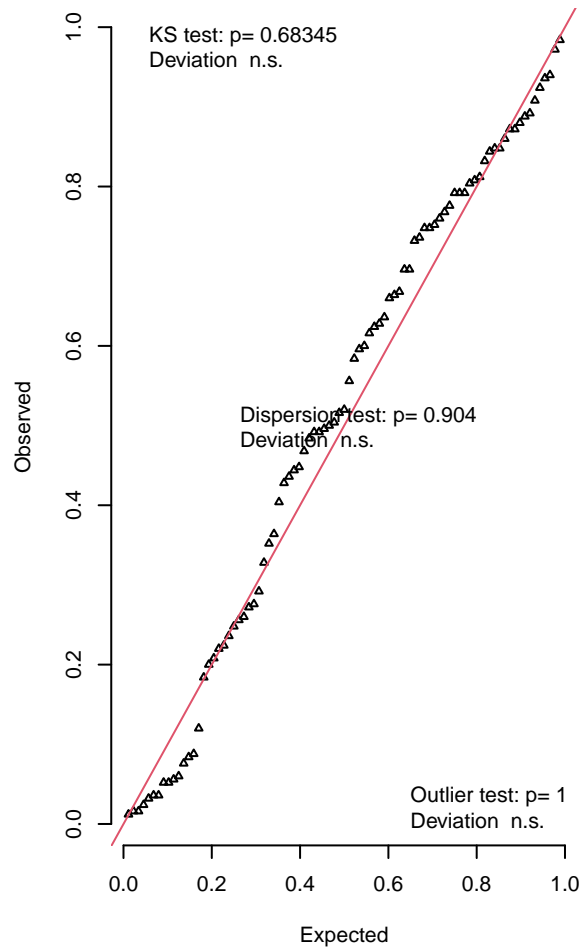


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

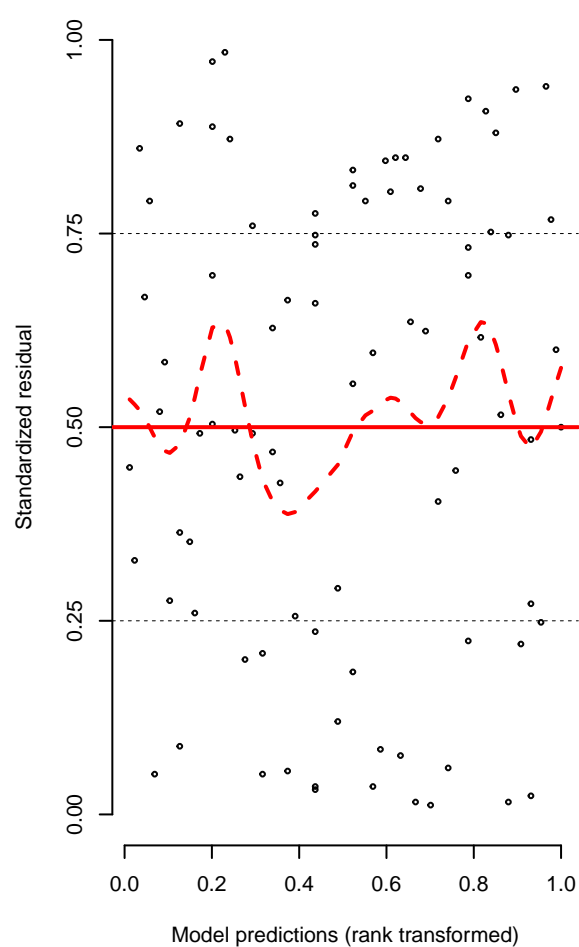


M.prime ~ intercept + fish1 + time_convert_std

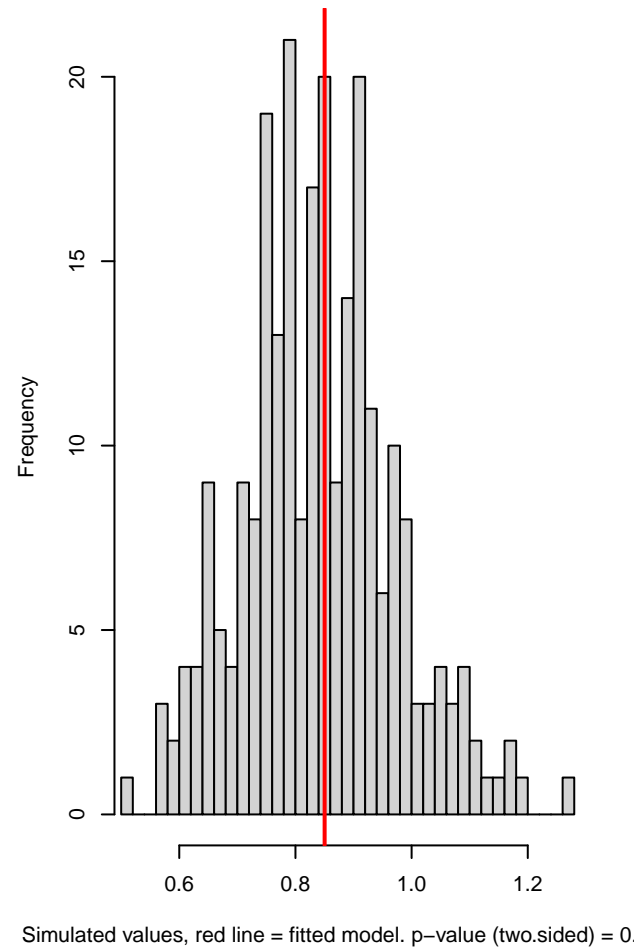
QQ plot residuals



Residual vs. predicted

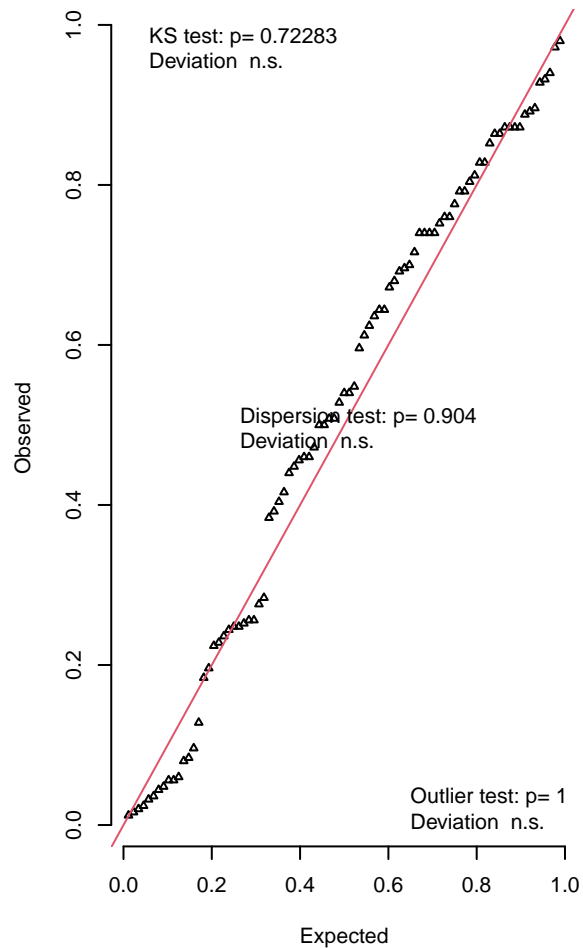


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

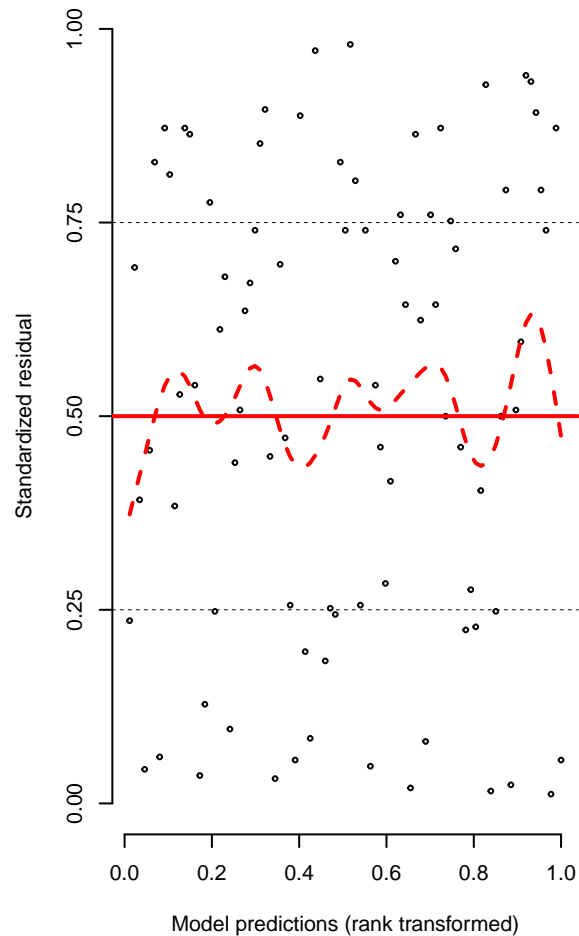


M.prime ~ intercept + area_std + fish1 + temp_std

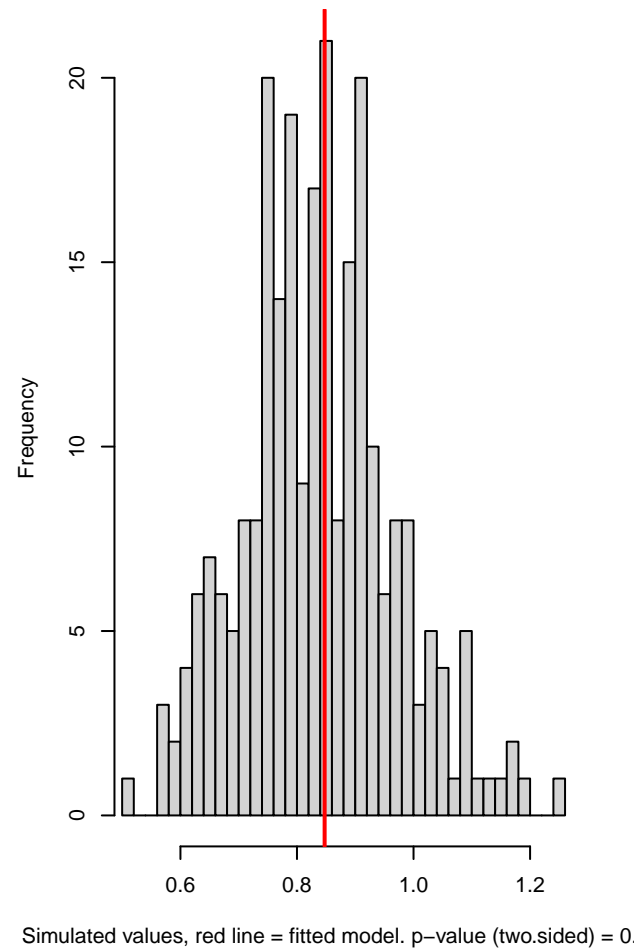
QQ plot residuals



Residual vs. predicted

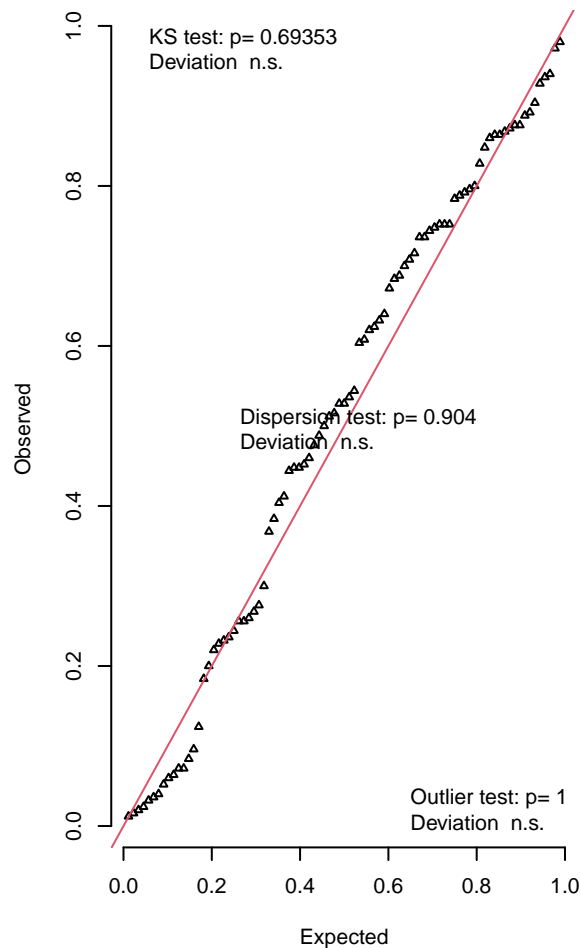


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

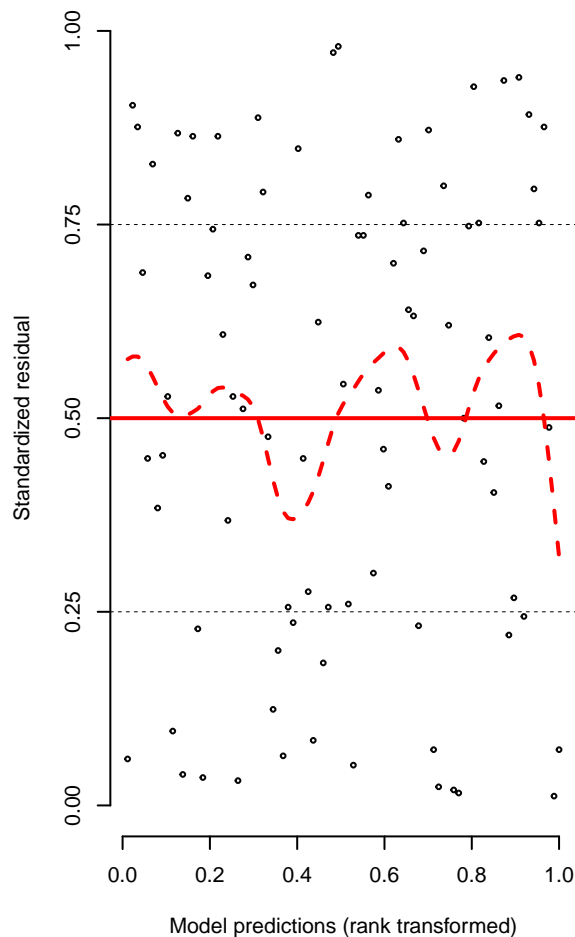


M.prime ~ intercept + area_std + fish1 + time_convert_std

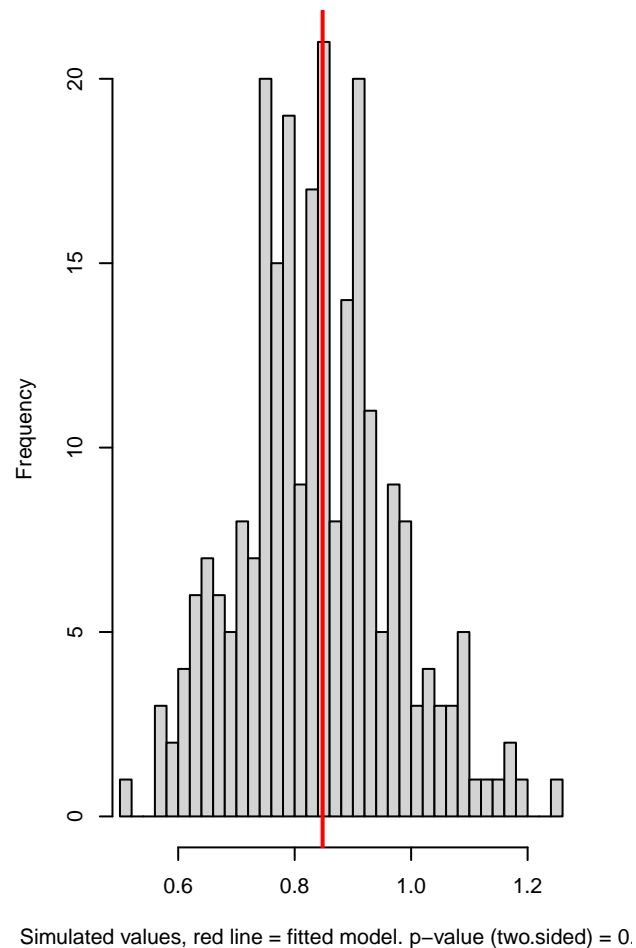
QQ plot residuals



Residual vs. predicted

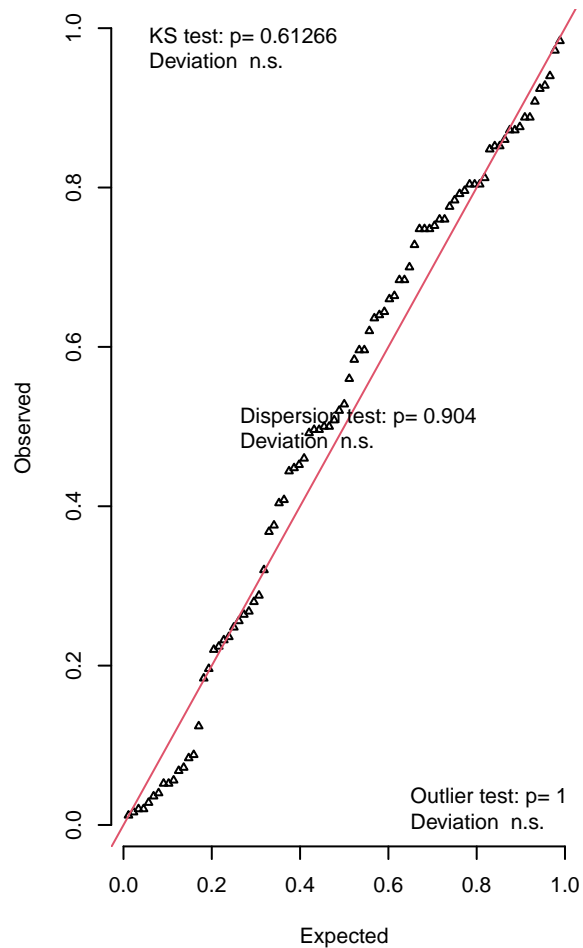


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

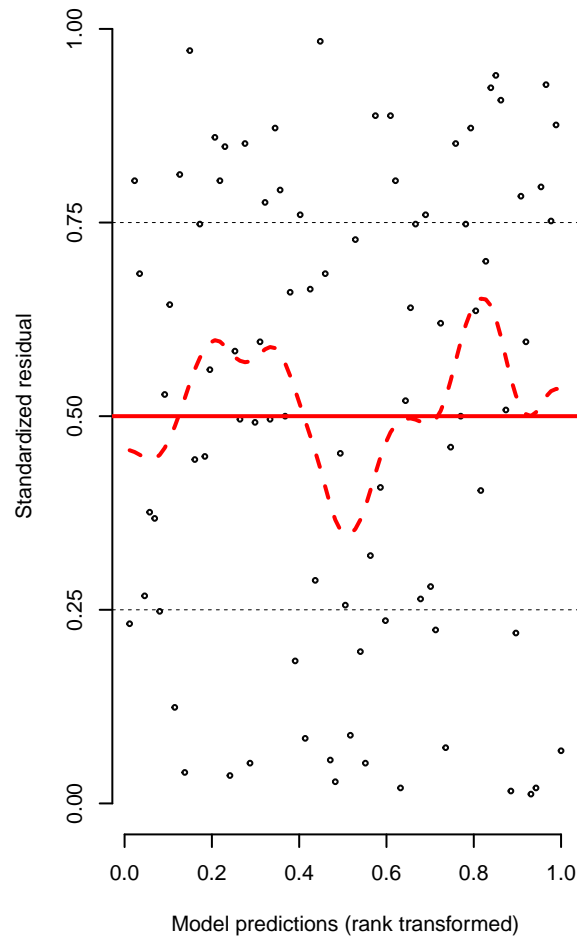


M.prime ~ intercept + fish1 + temp_std + time_convert_std

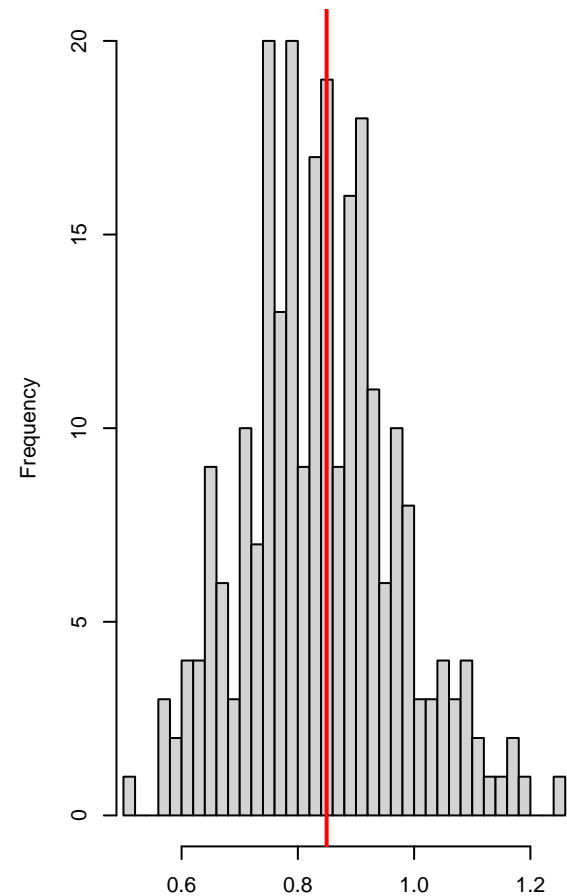
QQ plot residuals



Residual vs. predicted

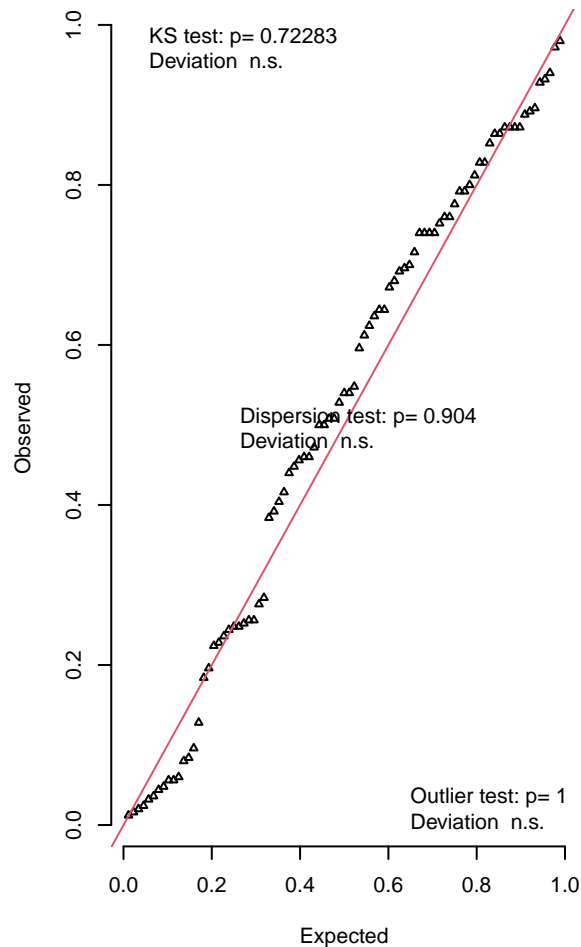


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

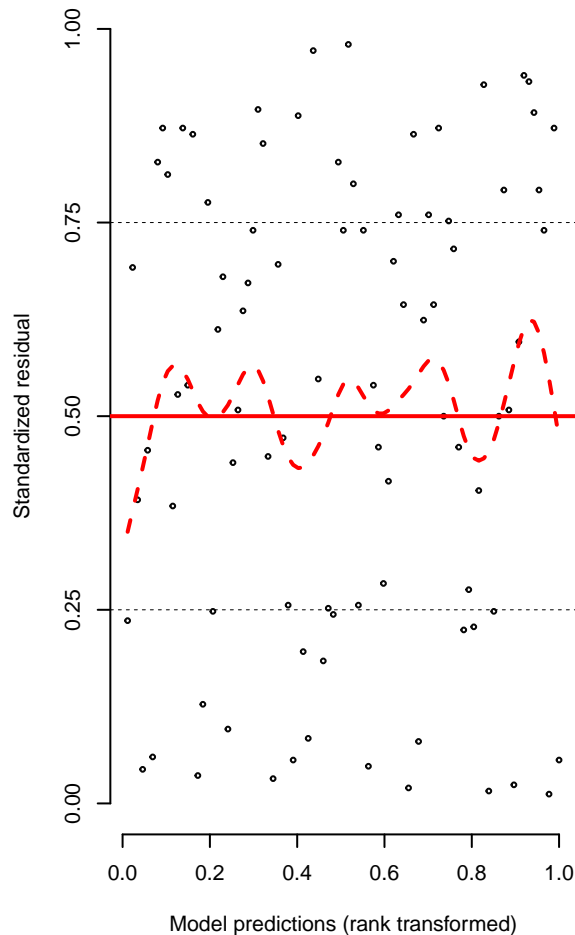


M.prime ~ intercept + area_std + fish1 + temp_std + time_convert_std

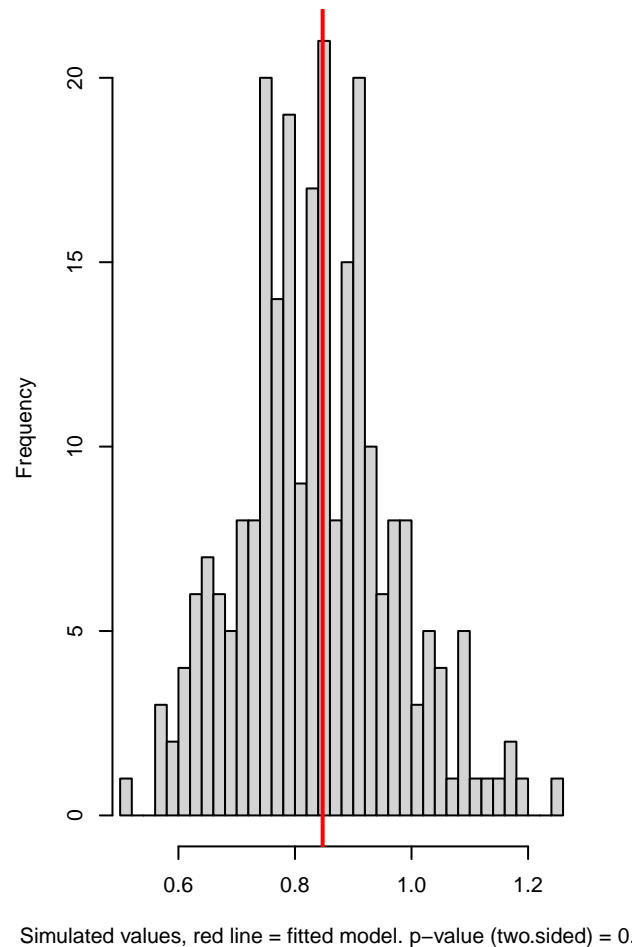
QQ plot residuals



Residual vs. predicted

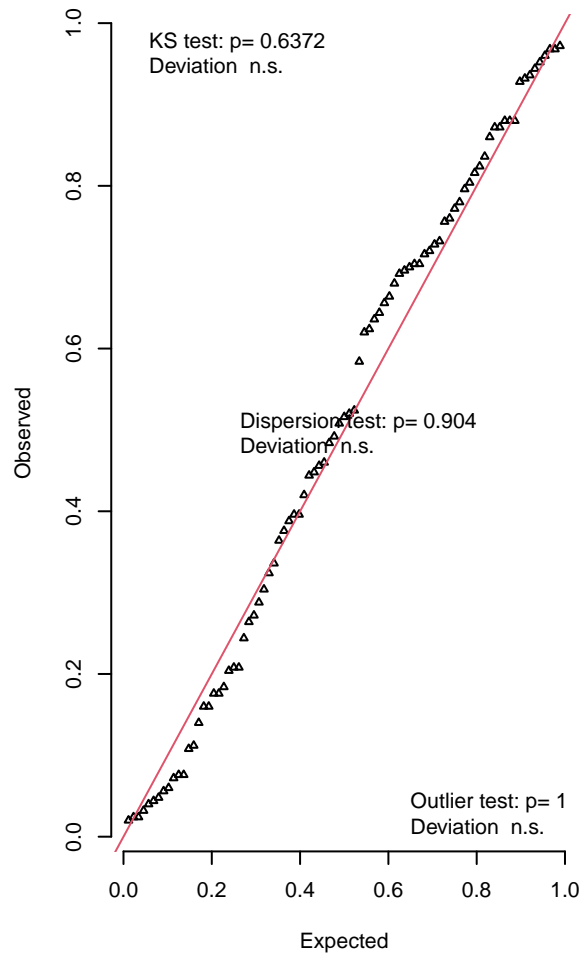


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

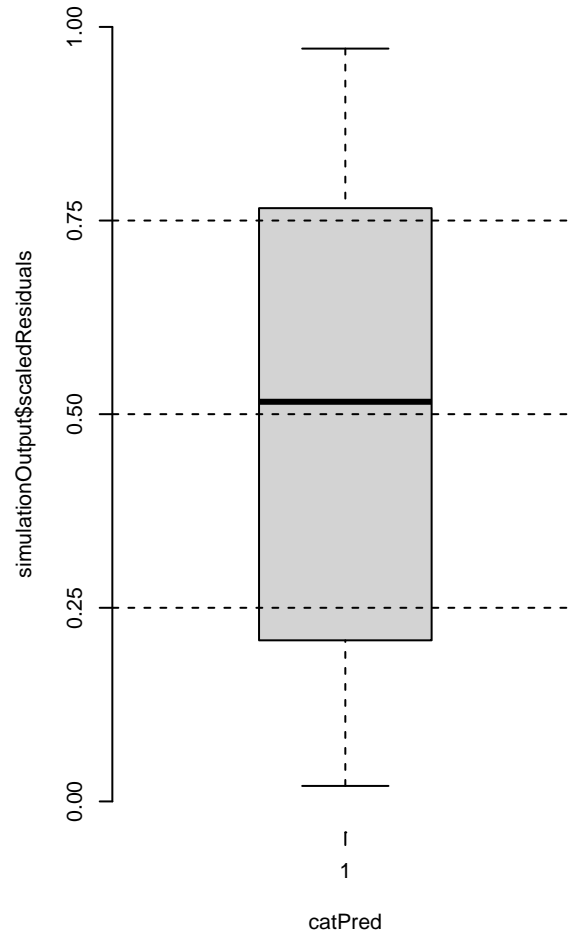


M.prime ~ intercept

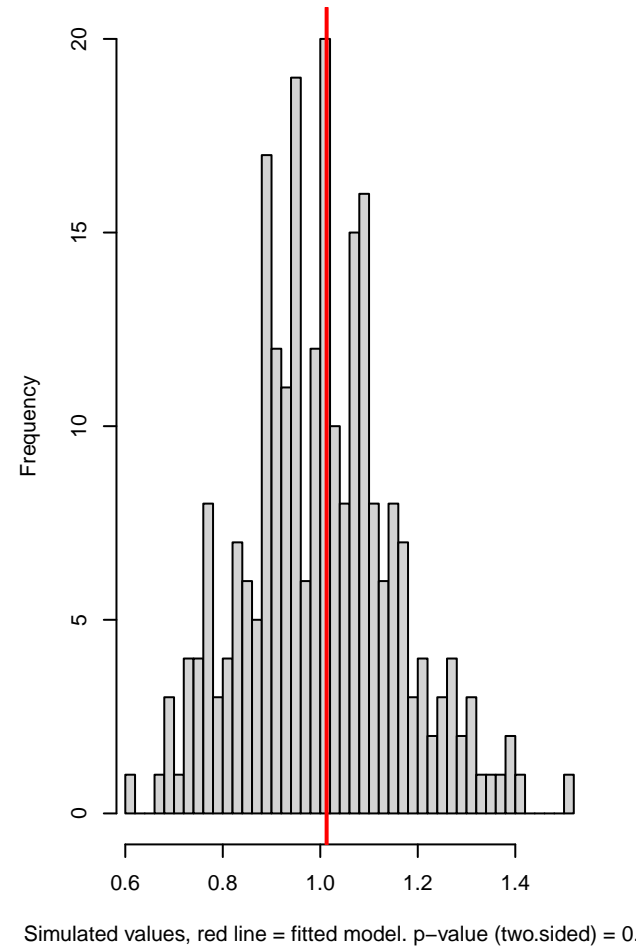
QQ plot residuals



Within-group deviation from uniformity n.s.

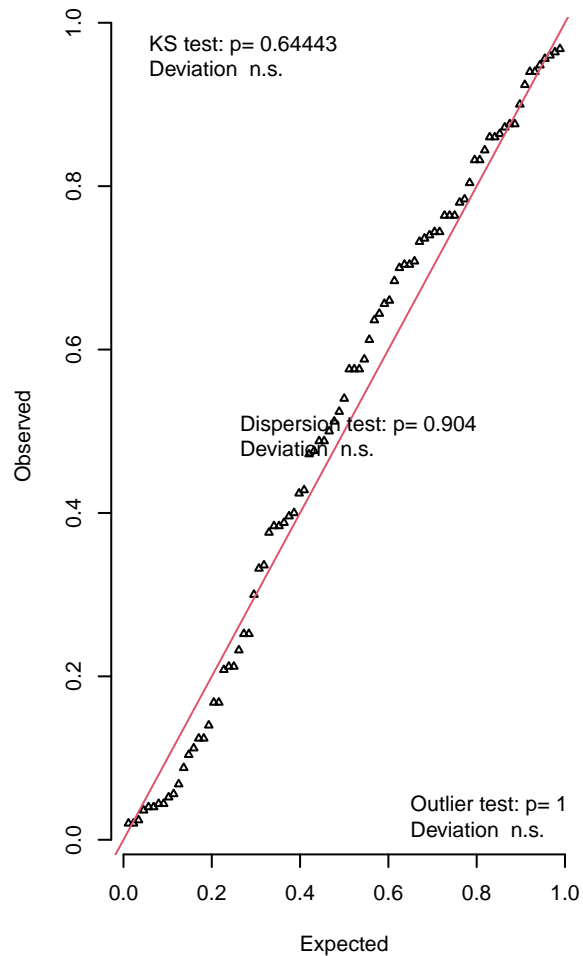


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

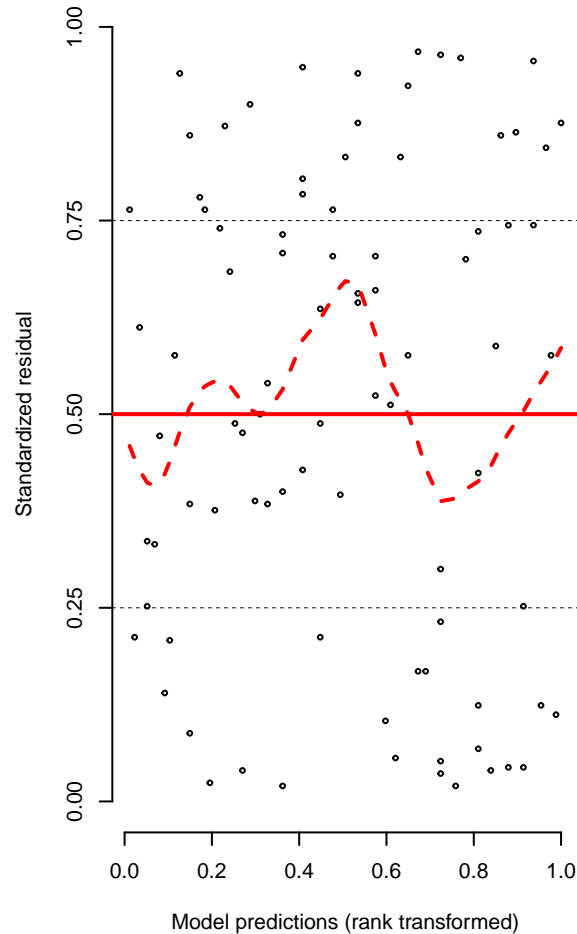


M.prime ~ intercept + temp_std

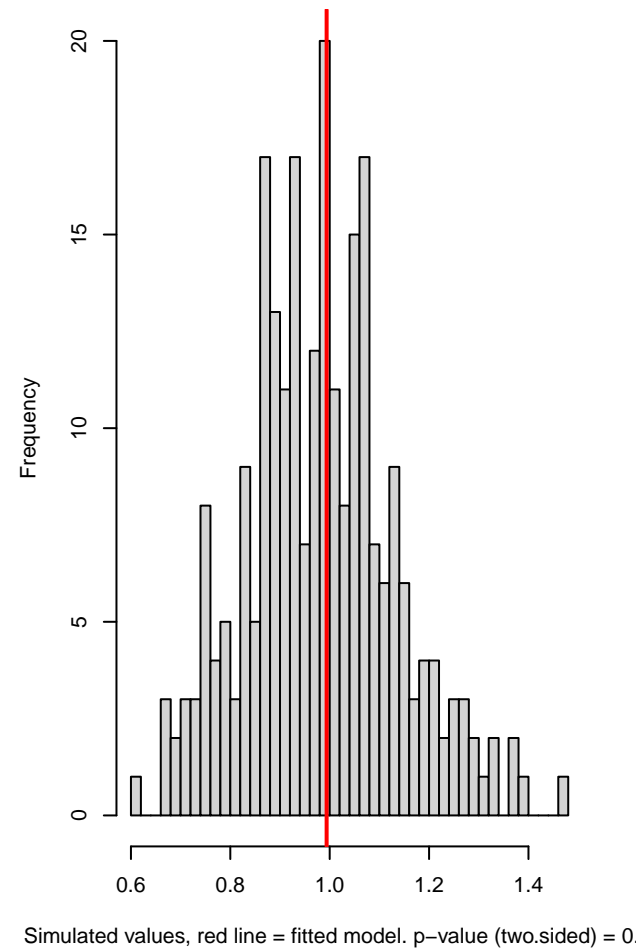
QQ plot residuals



Residual vs. predicted

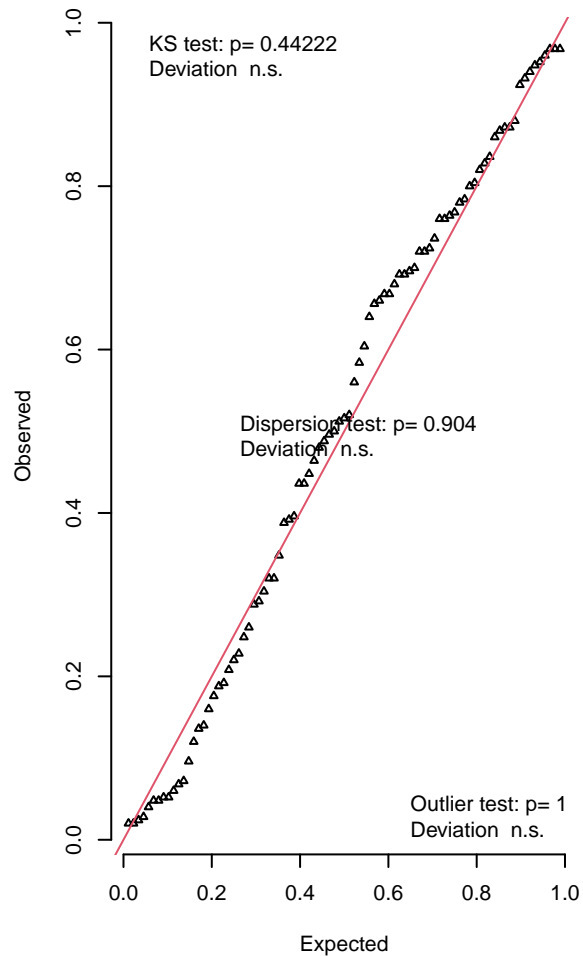


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

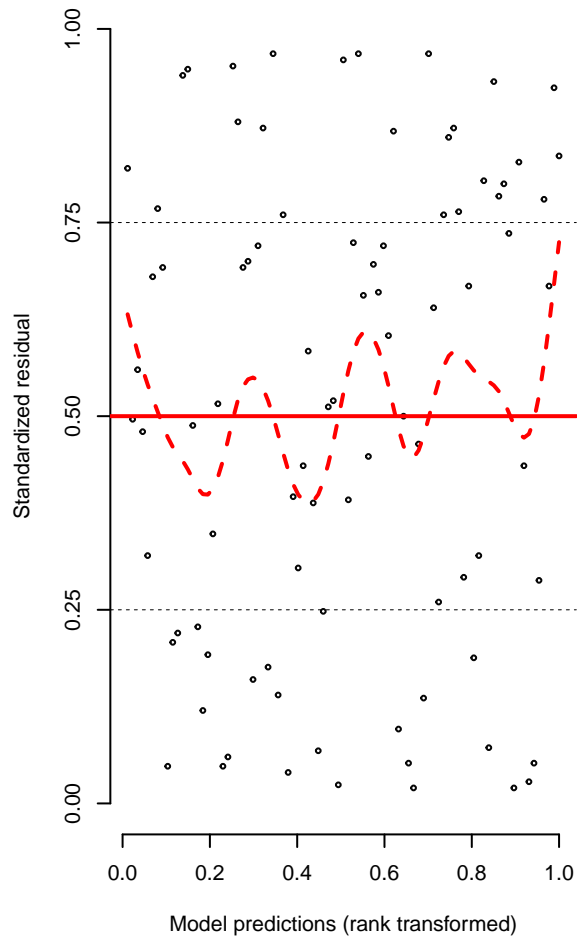


M.prime ~ intercept + area_std

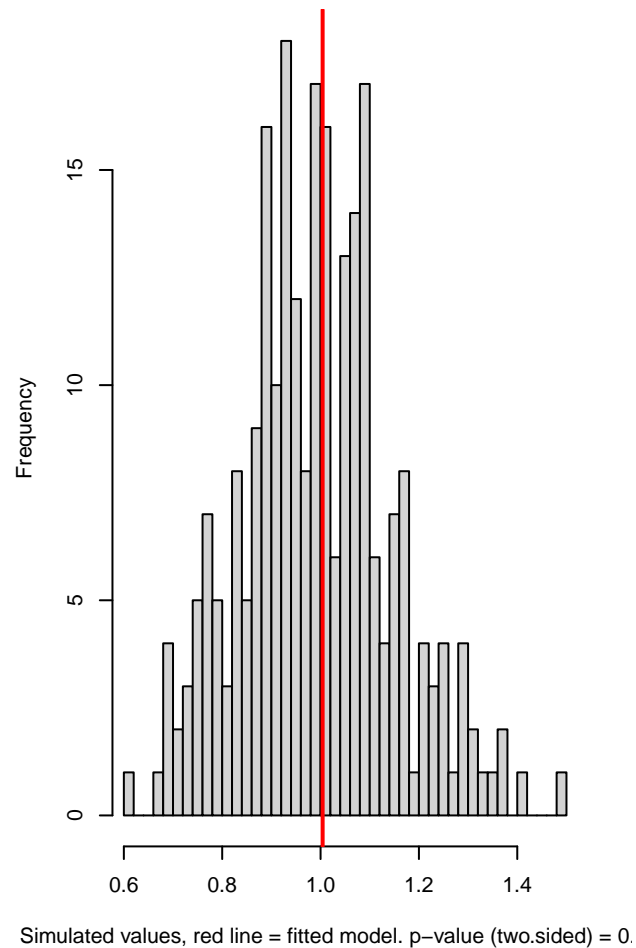
QQ plot residuals



Residual vs. predicted

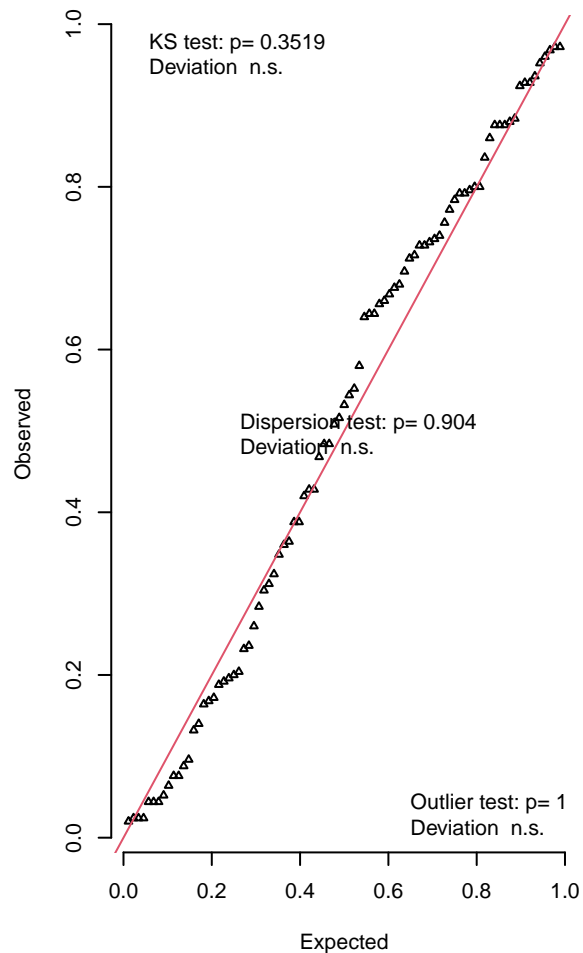


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

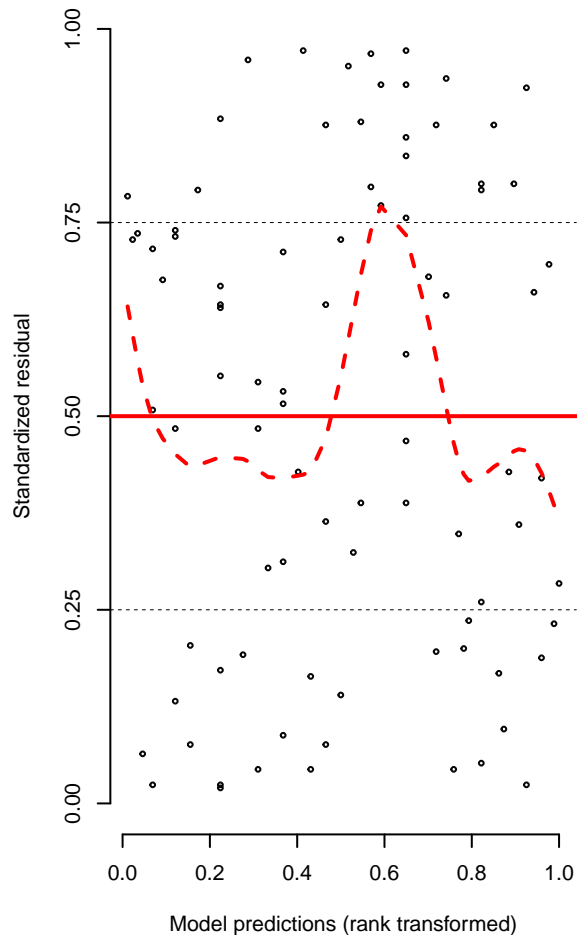


M.prime ~ intercept + time_convert_std

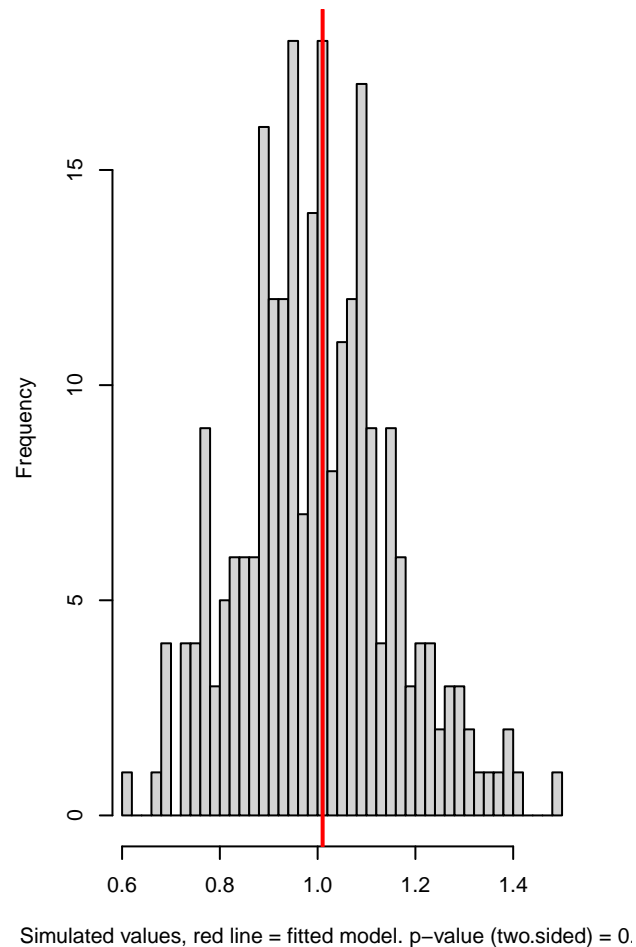
QQ plot residuals



Residual vs. predicted

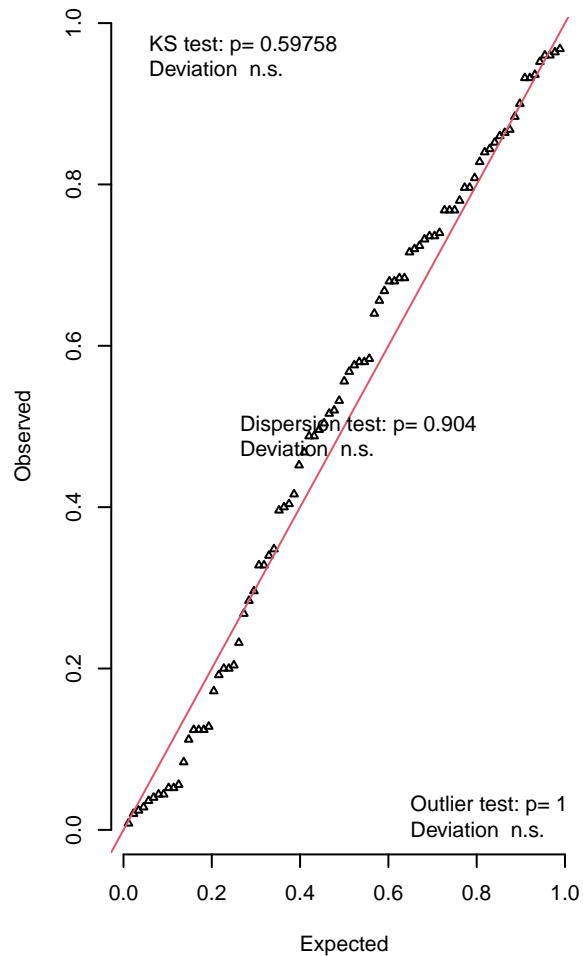


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

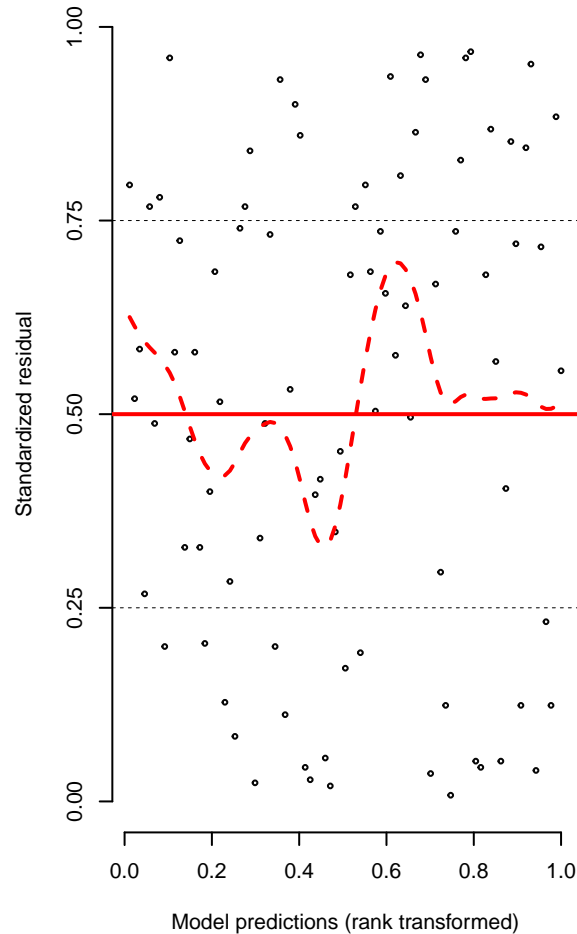


M.prime ~ intercept + area_std + temp_std

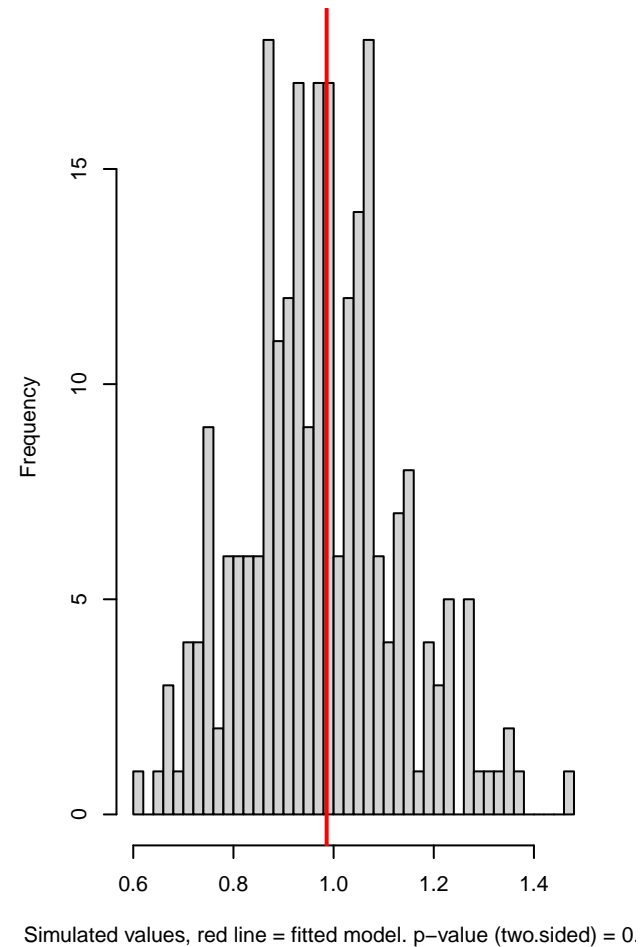
QQ plot residuals



Residual vs. predicted

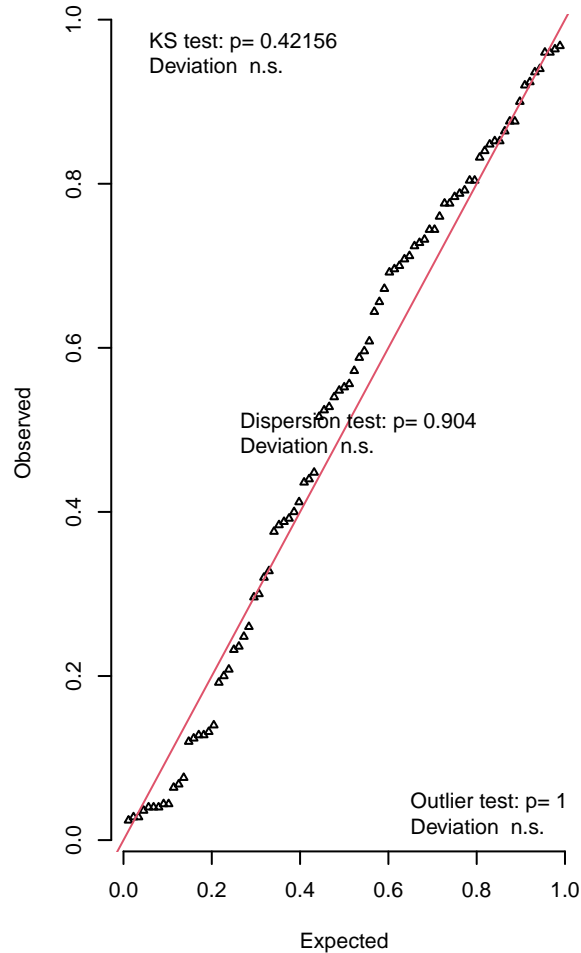


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

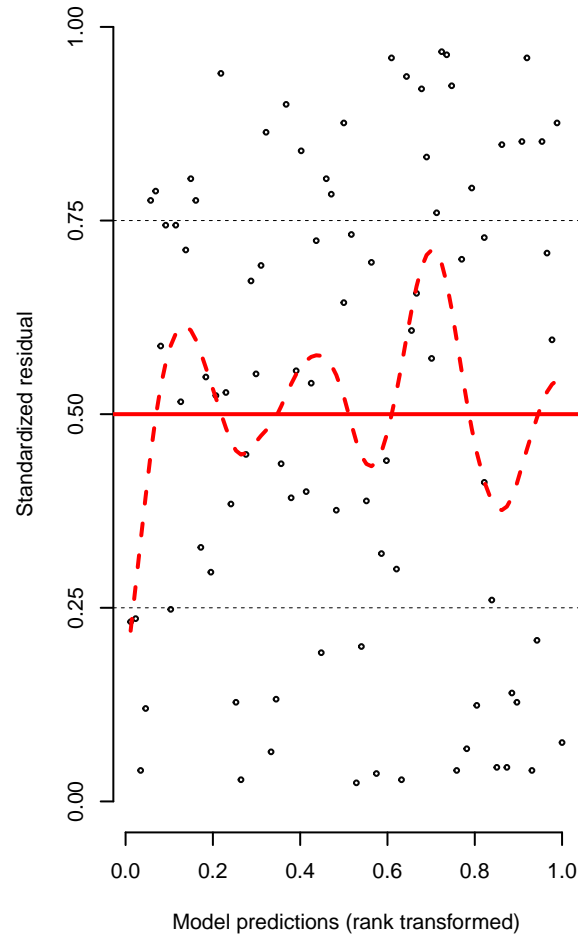


M.prime ~ intercept + temp_std + time_convert_std

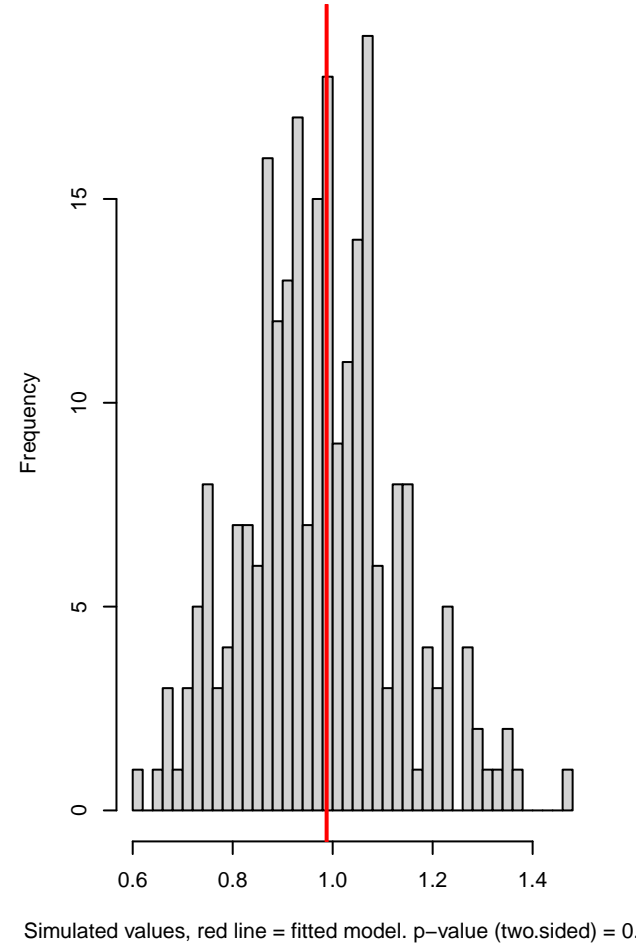
QQ plot residuals



Residual vs. predicted

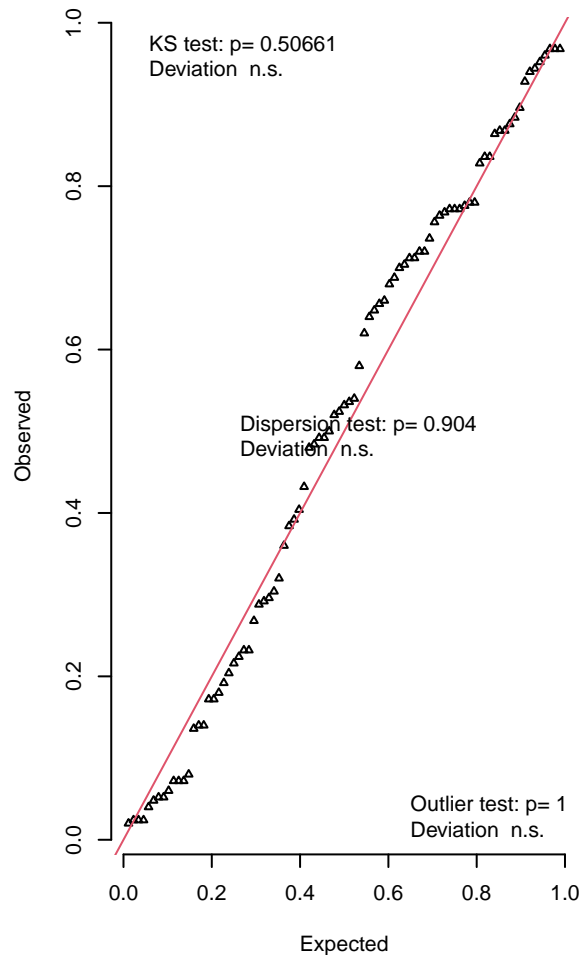


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

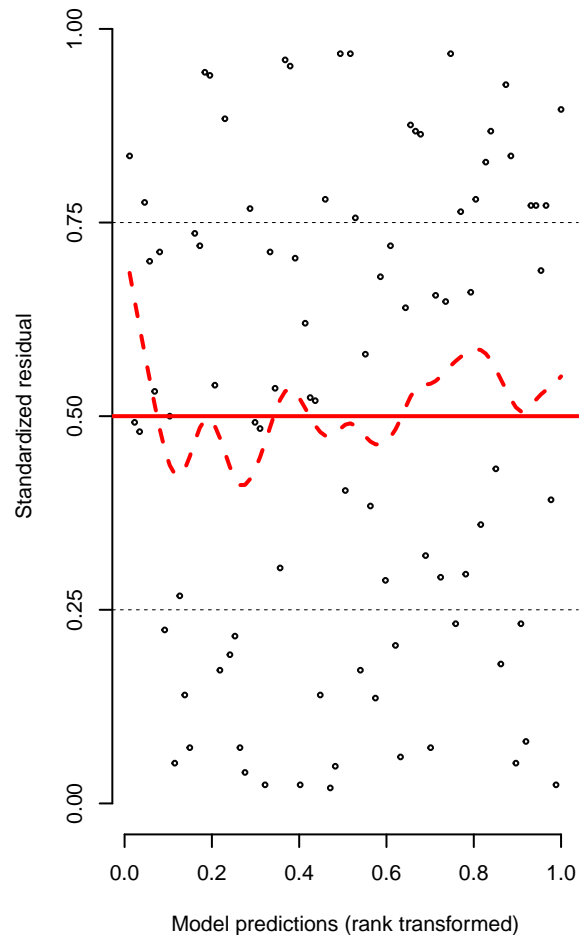


M.prime ~ intercept + area_std + time_convert_std

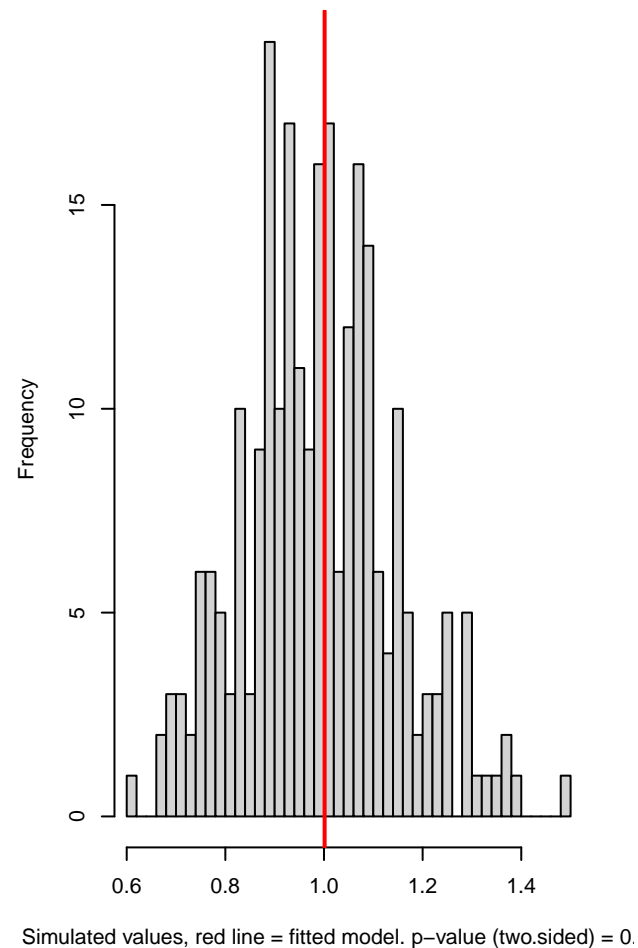
QQ plot residuals



Residual vs. predicted

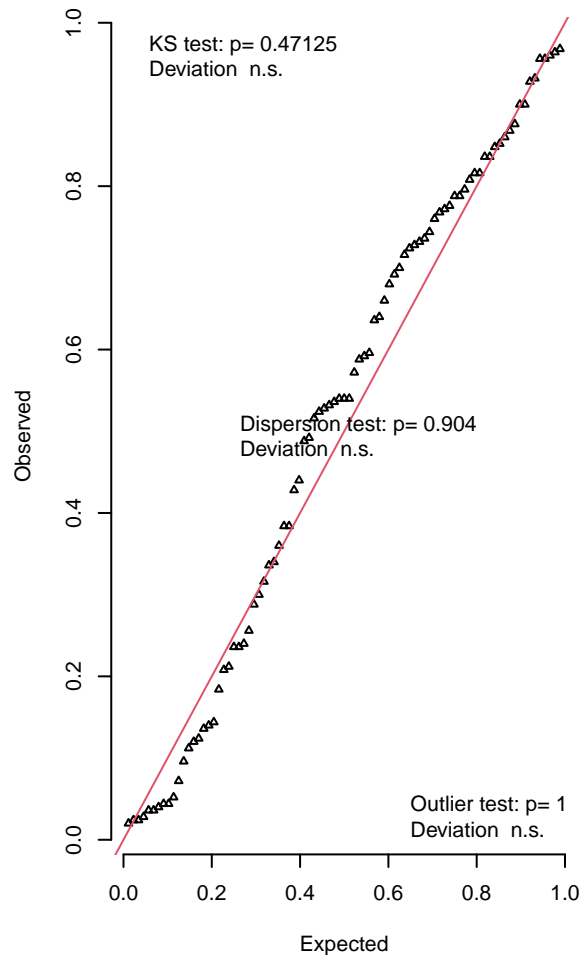


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

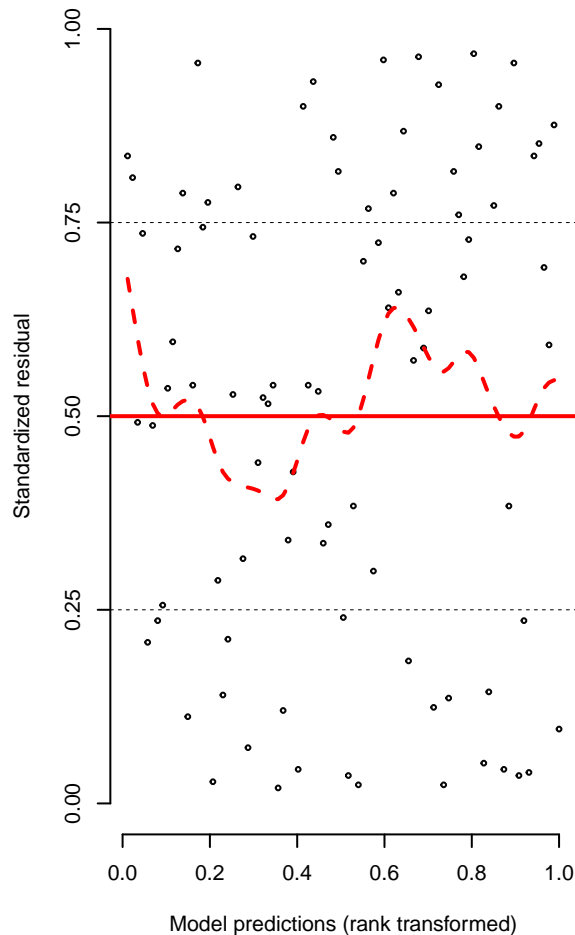


$$M.\text{prime} \sim \text{intercept} + \text{area_std} + \text{temp_std} + \text{time_convert_std}$$

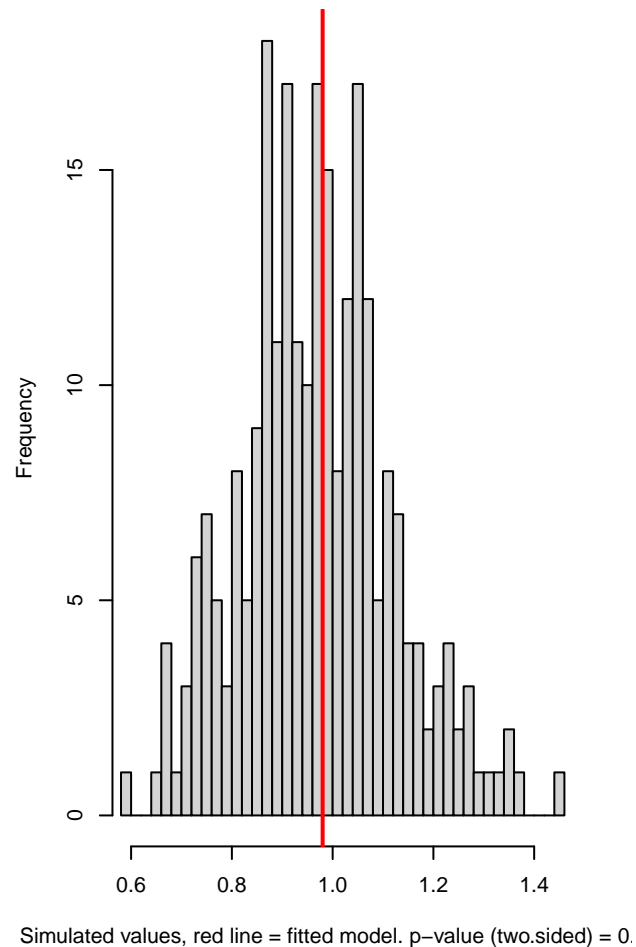
QQ plot residuals



Residual vs. predicted

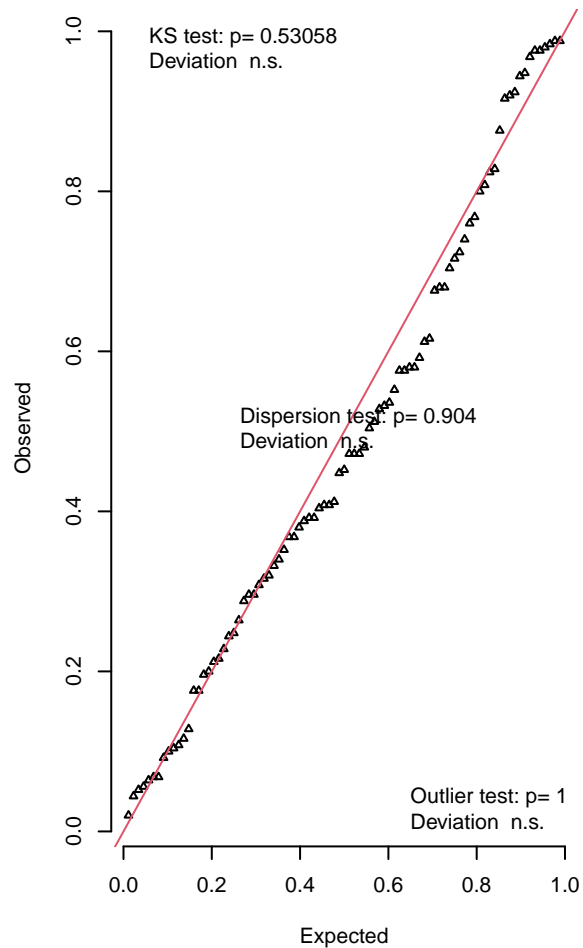


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

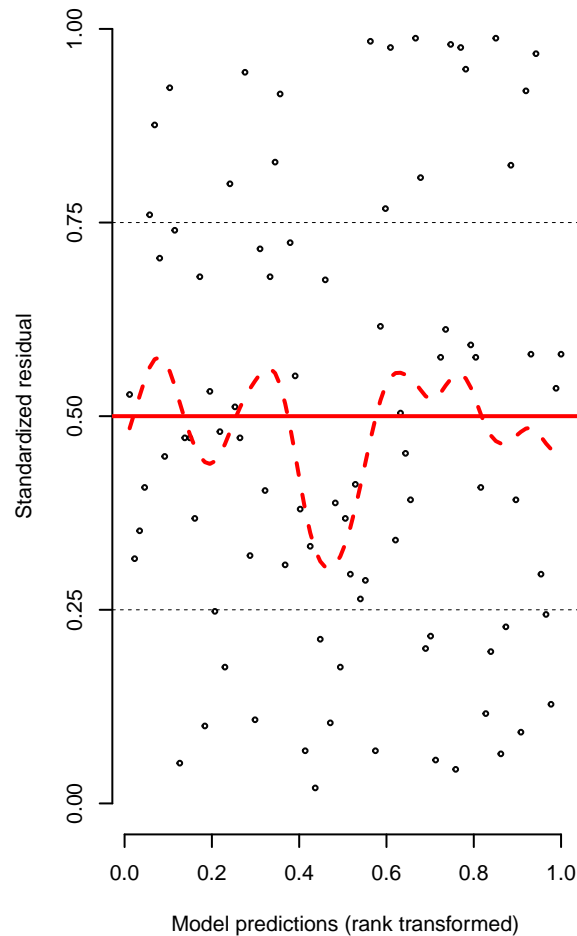


qEt ~ intercept + area_std + temp_std

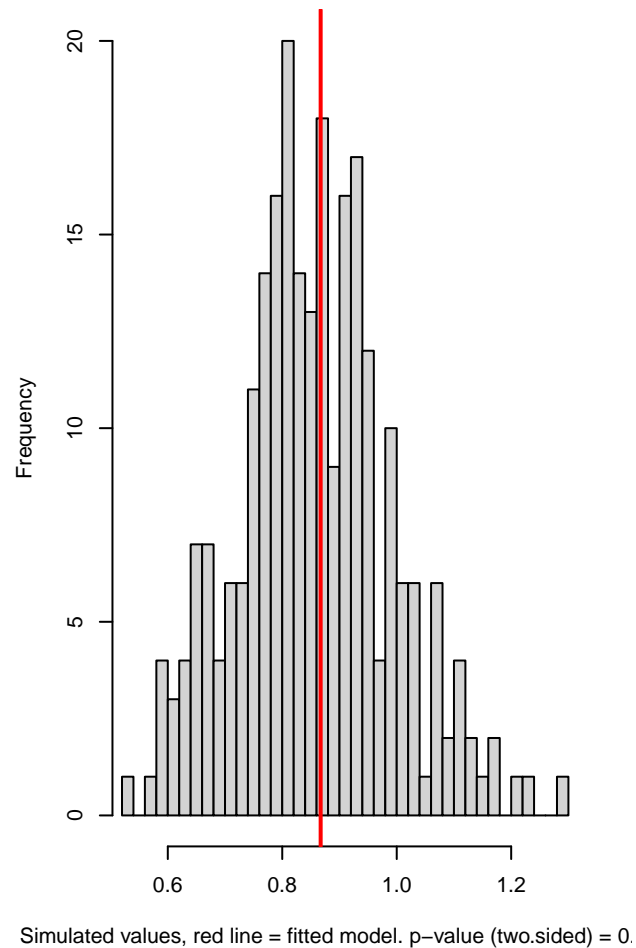
QQ plot residuals



Residual vs. predicted

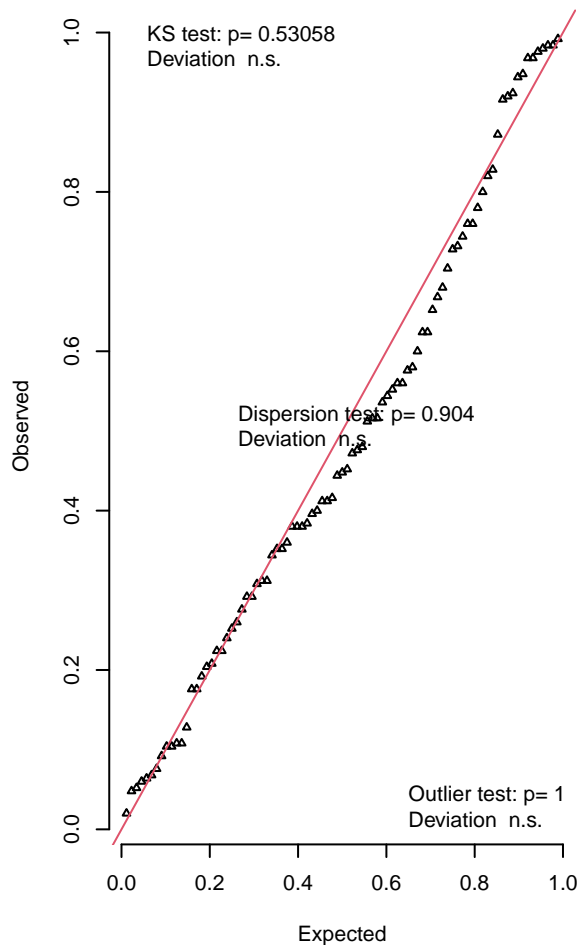


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

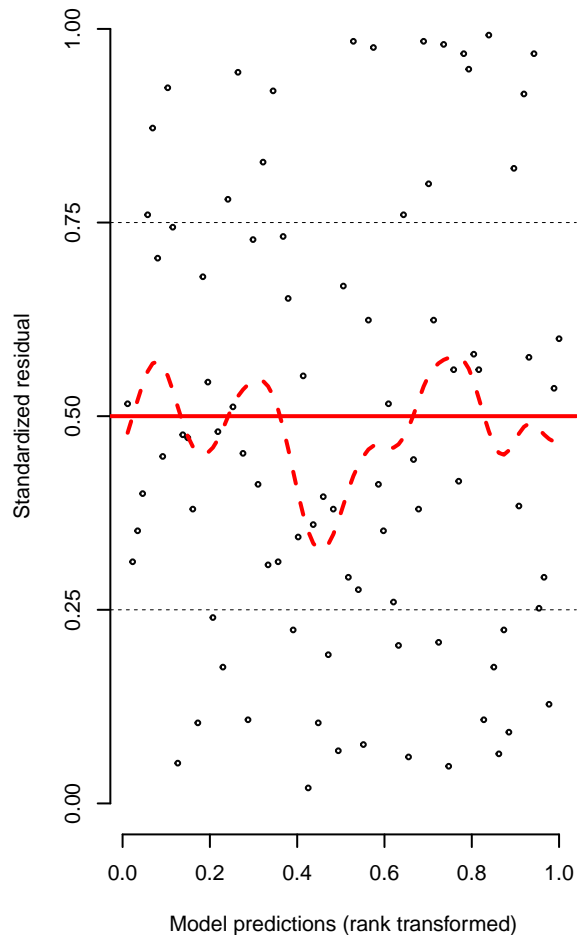


qEt ~ intercept + area_std + fish1 + temp_std

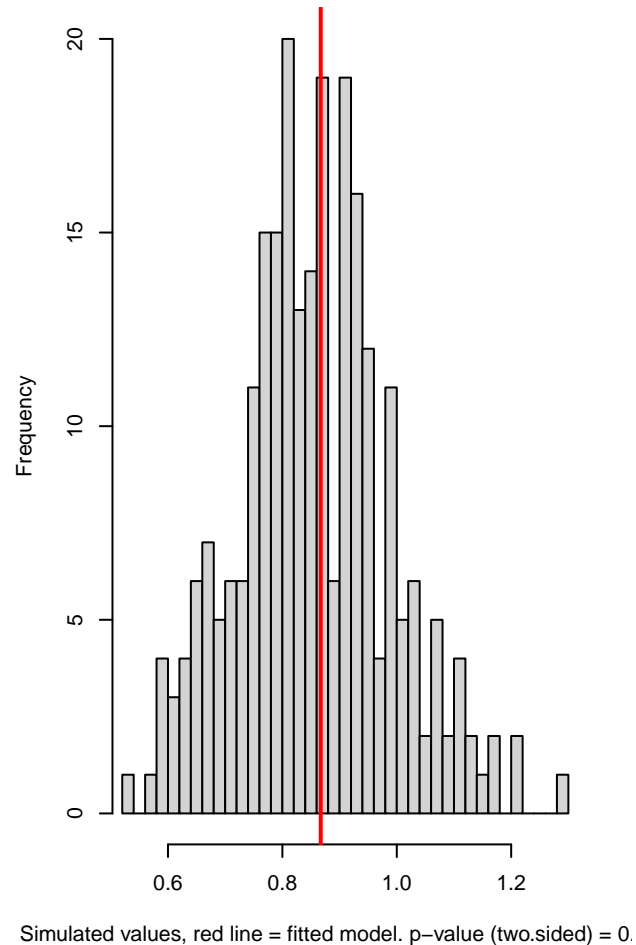
QQ plot residuals



Residual vs. predicted

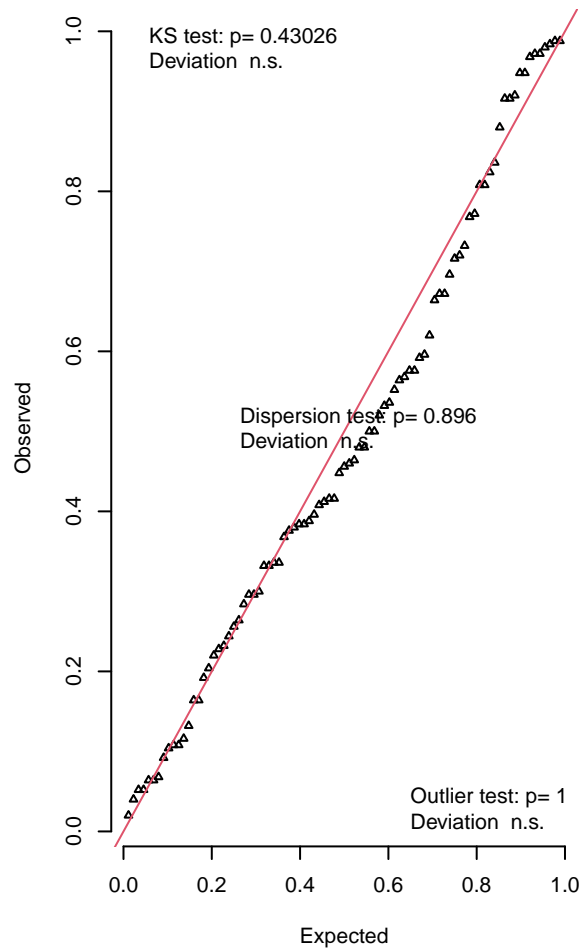


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

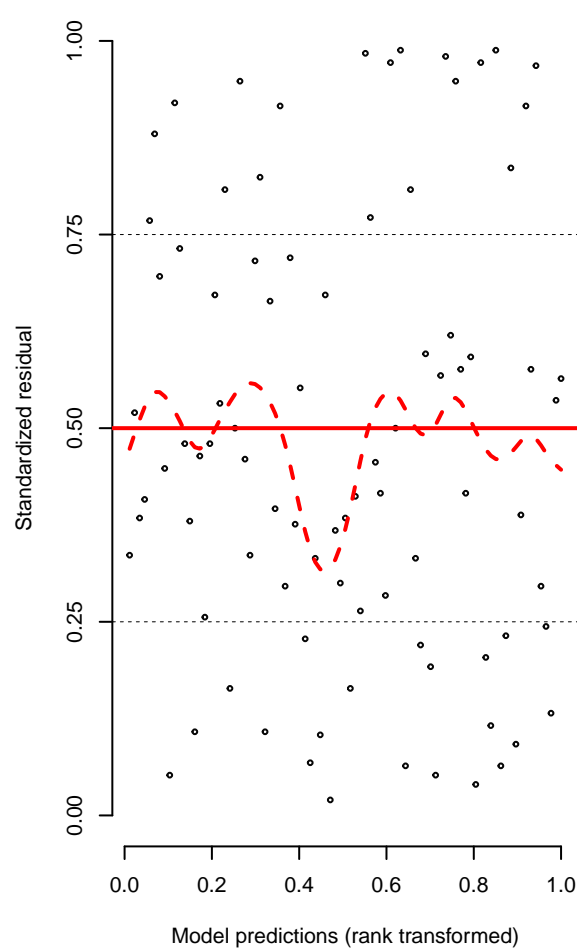


$$qEt \sim \text{intercept} + \text{area_std} + \text{temp_std} + \text{time_convert_std}$$

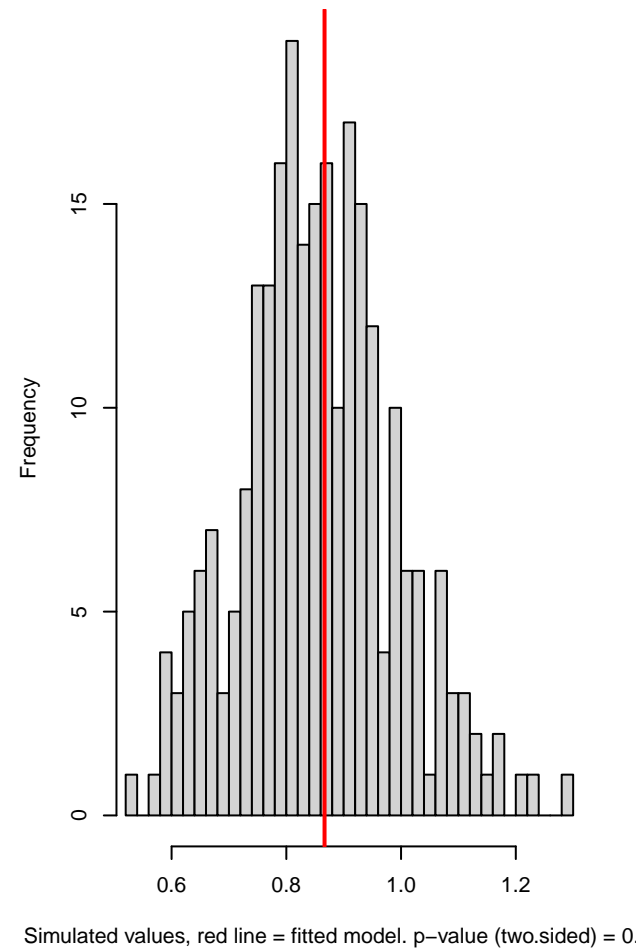
QQ plot residuals



Residual vs. predicted

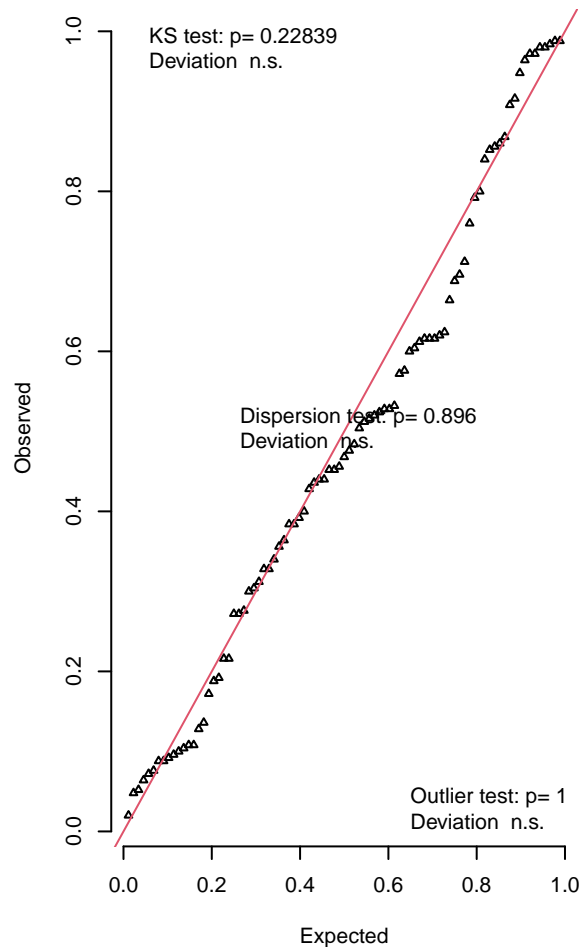


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

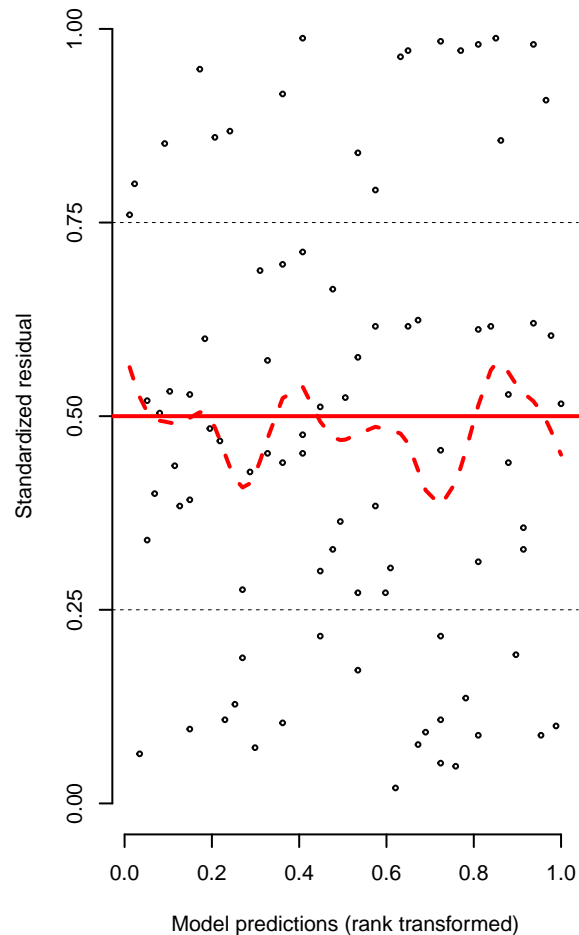


qEt ~ intercept + temp_std

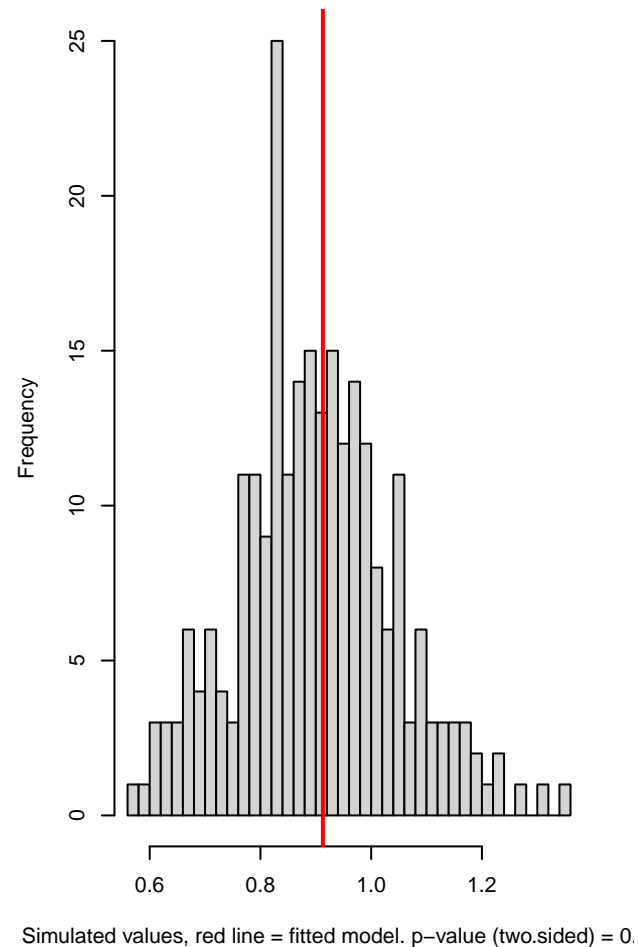
QQ plot residuals



Residual vs. predicted

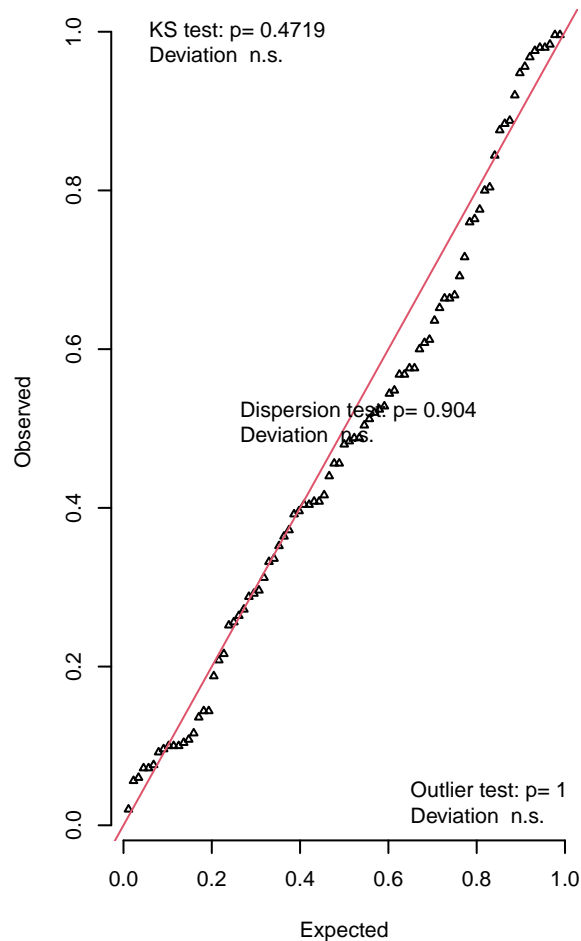


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

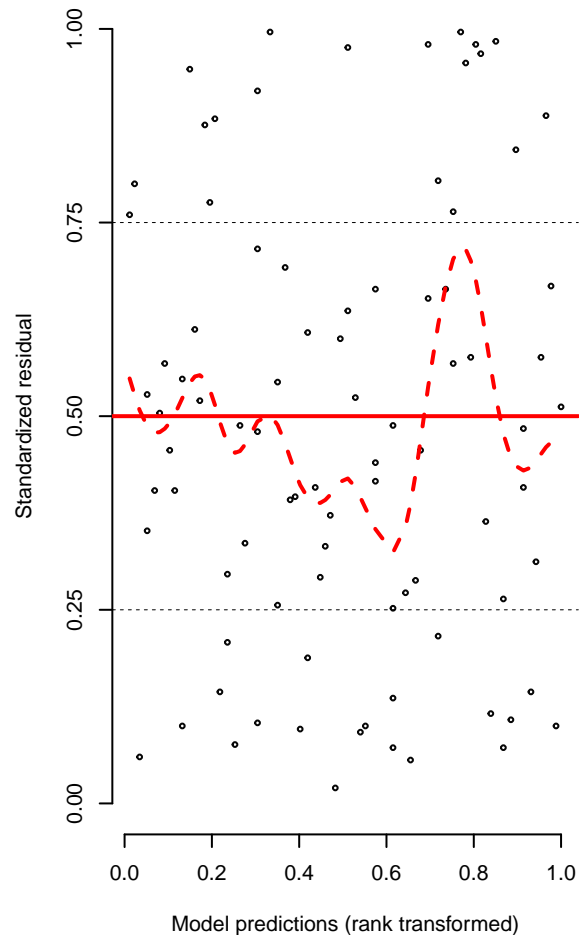


qEt ~ intercept + fish1 + temp_std

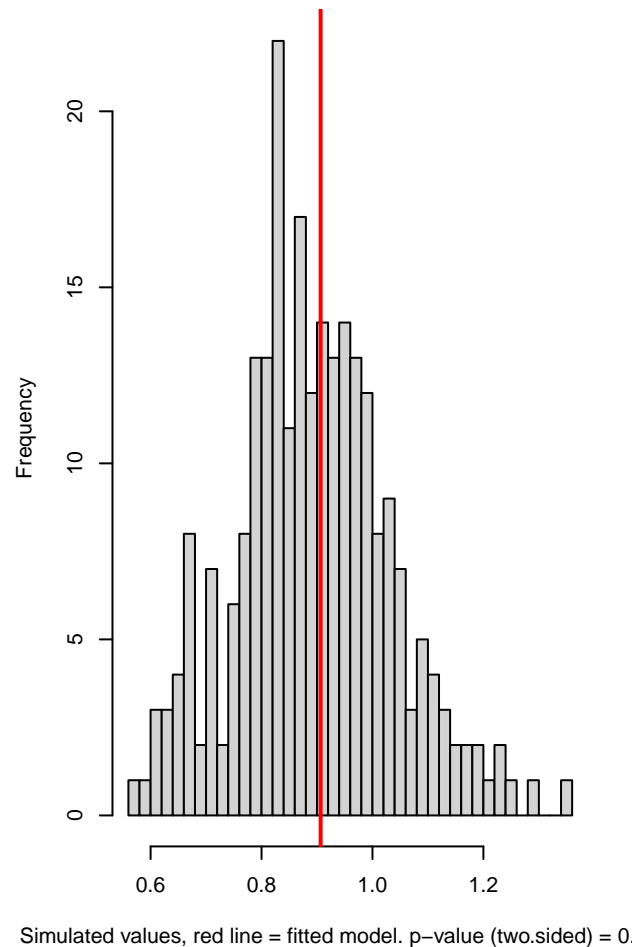
QQ plot residuals



Residual vs. predicted

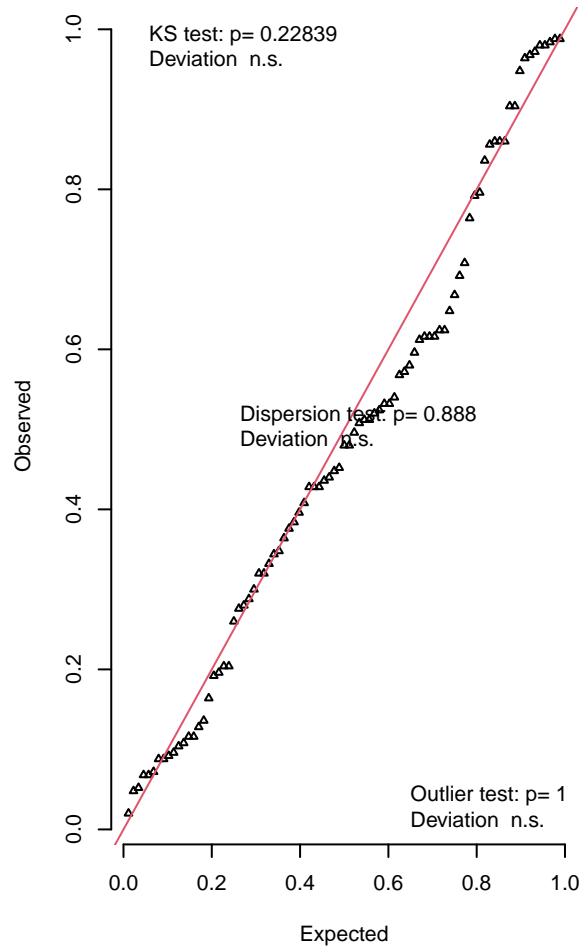


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

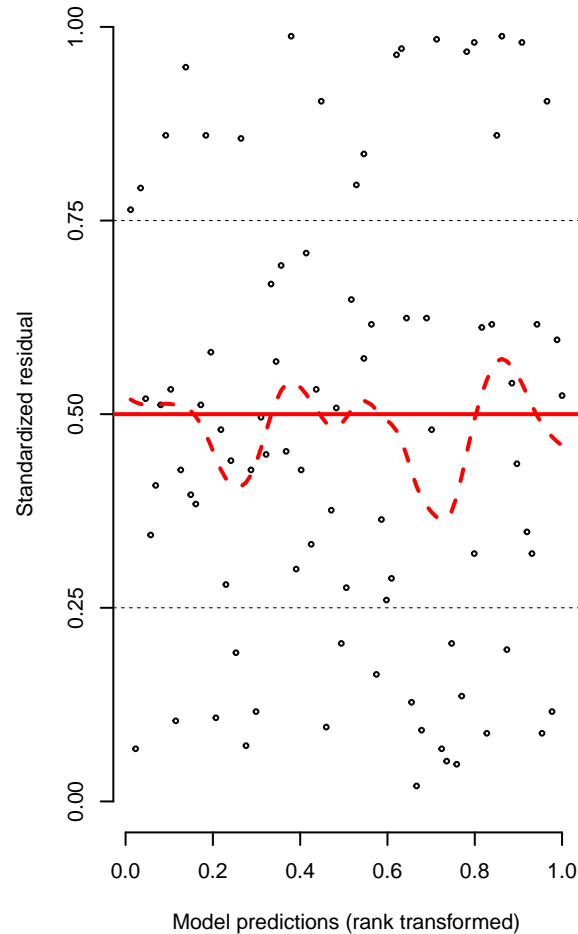


qEt ~ intercept + temp_std + time_convert_std

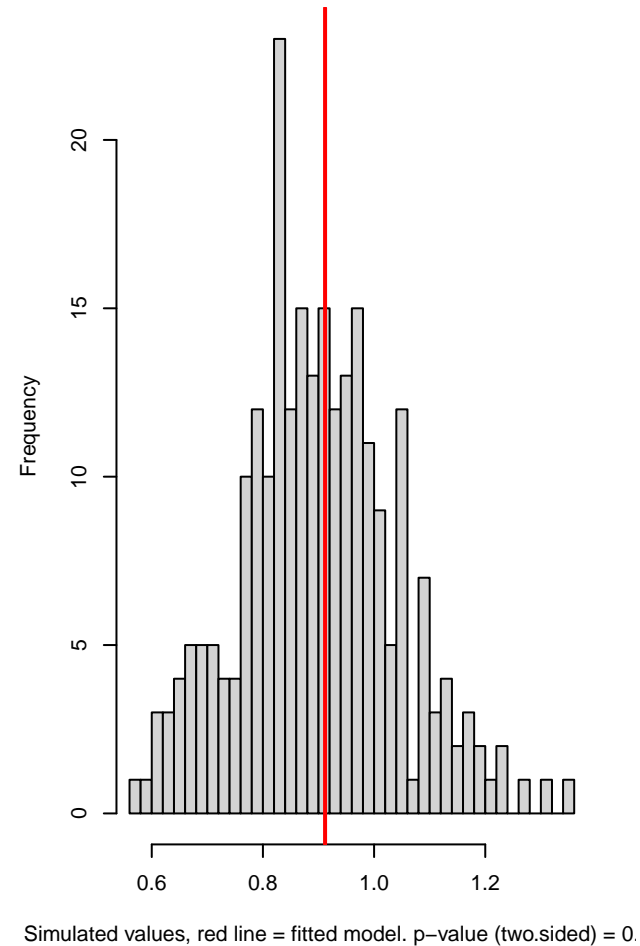
QQ plot residuals



Residual vs. predicted

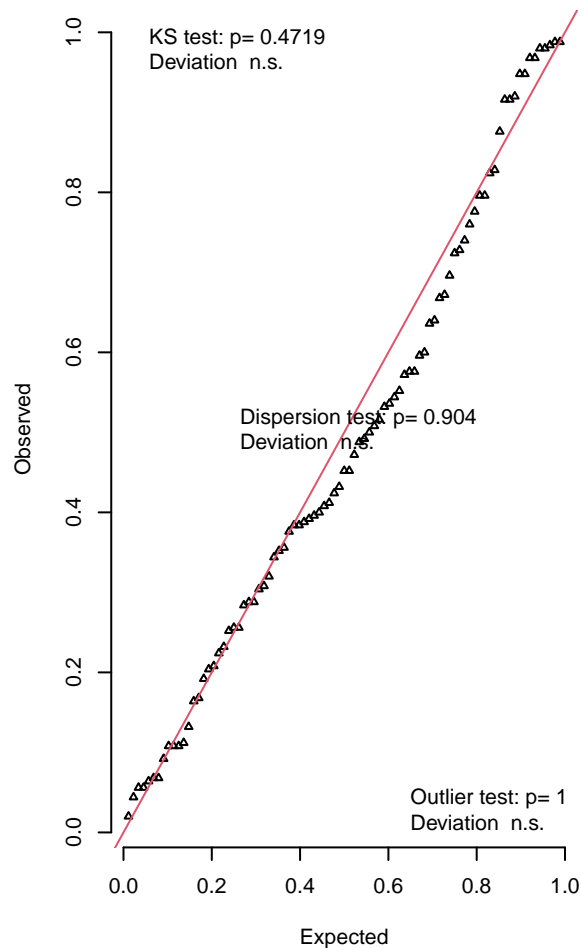


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

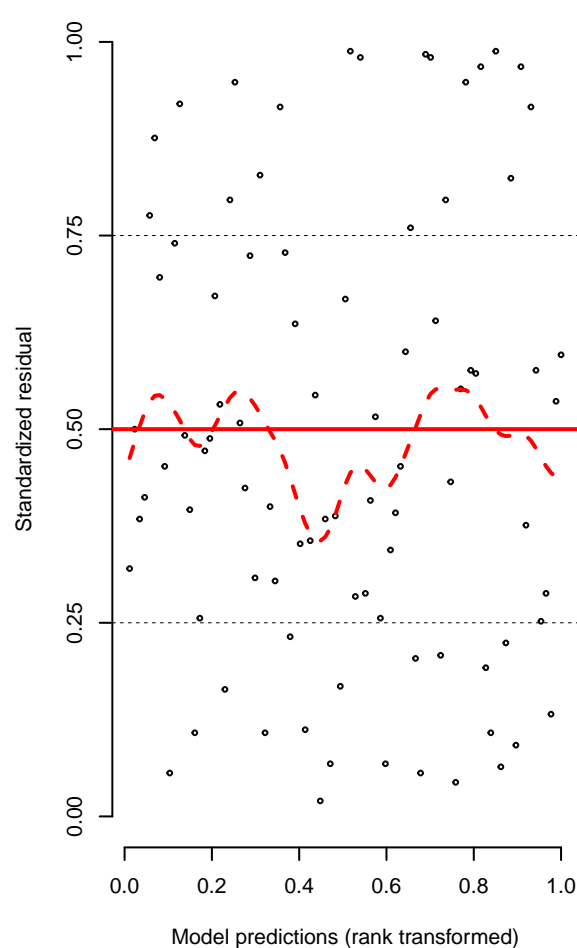


qEt ~ intercept + area_std + fish1 + temp_std + time_convert_std

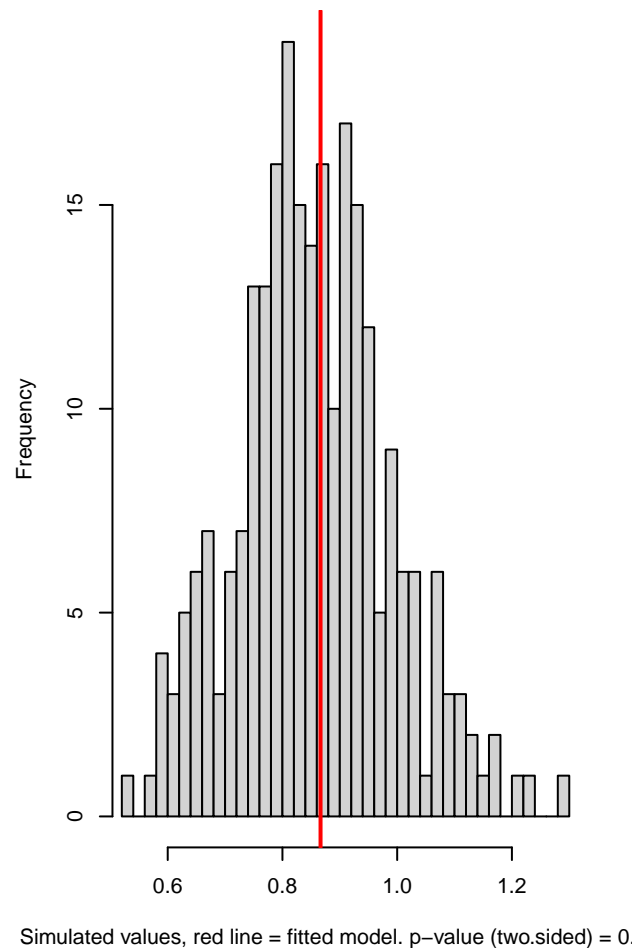
QQ plot residuals



Residual vs. predicted

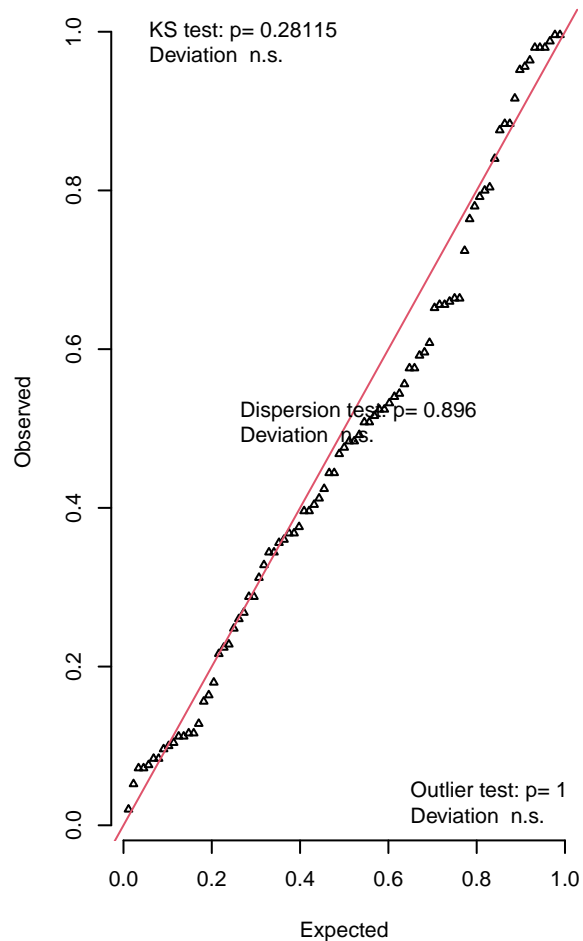


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

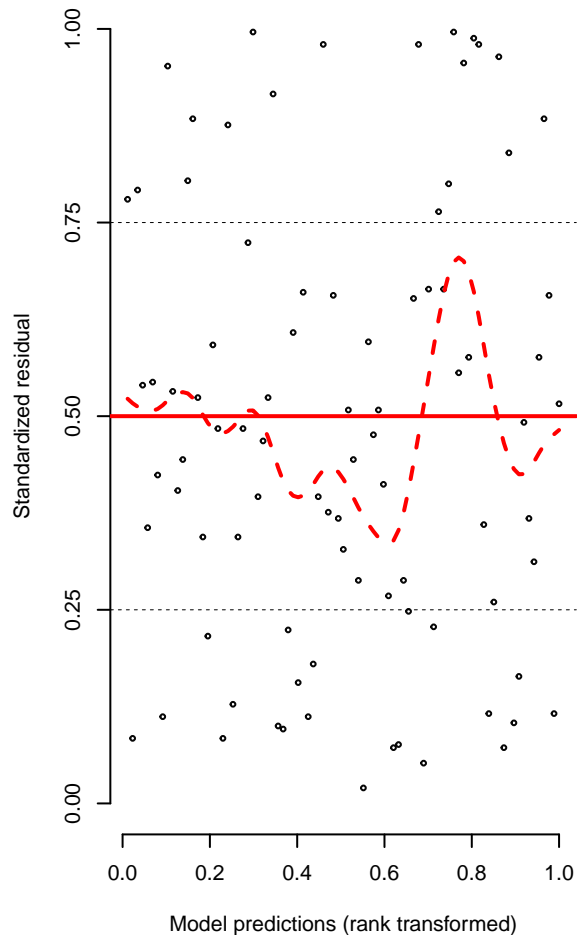


$$qEt \sim \text{intercept} + \text{fish1} + \text{temp_std} + \text{time_convert_std}$$

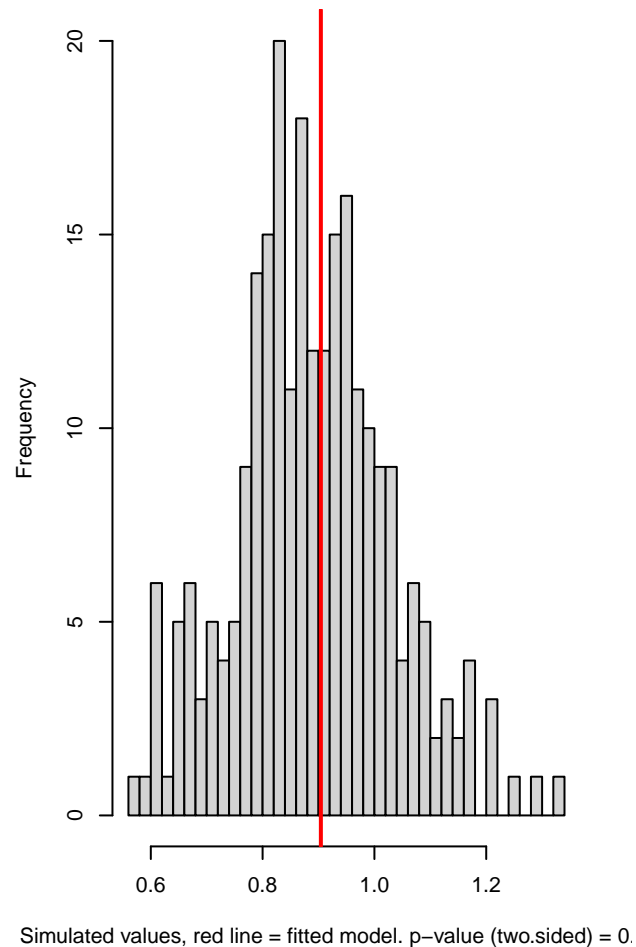
QQ plot residuals



Residual vs. predicted

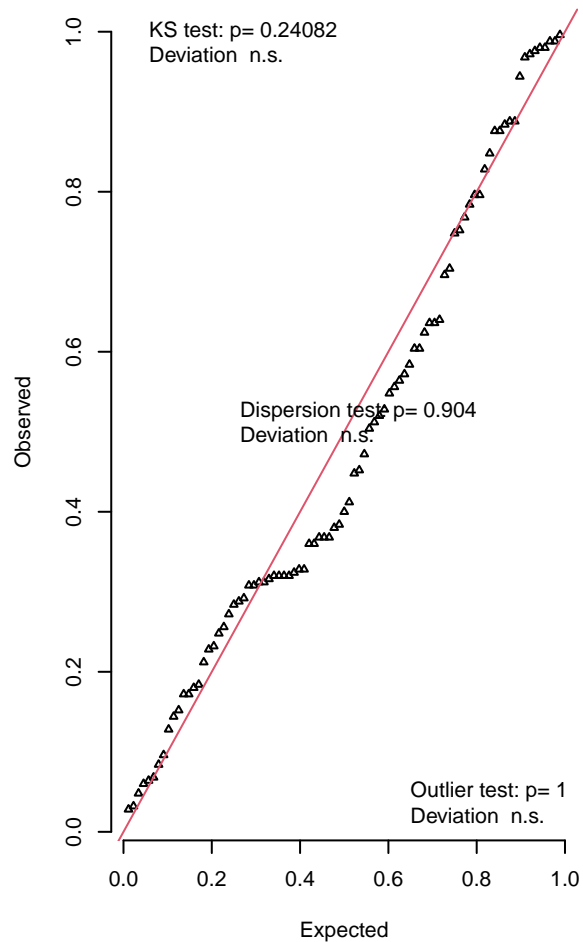


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

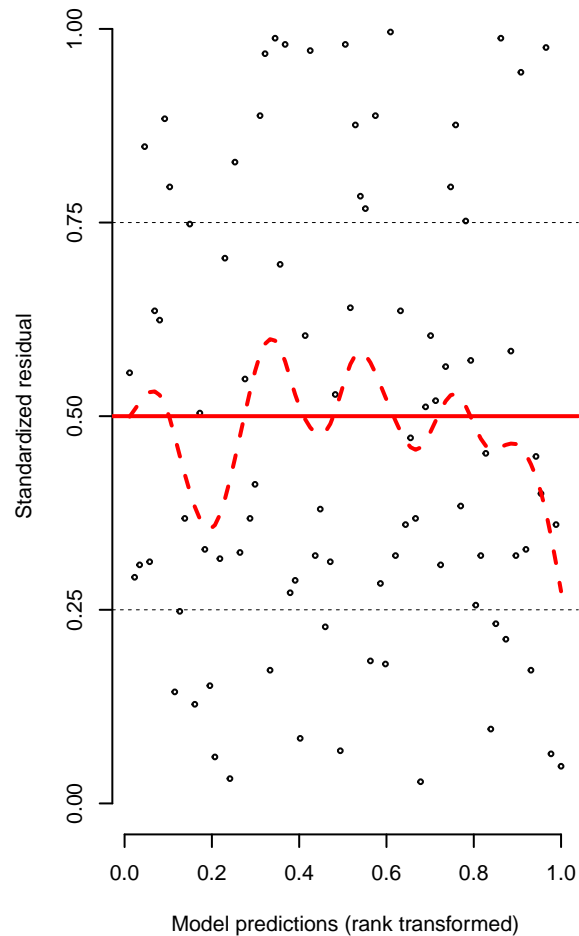


qEt ~ intercept + area_std

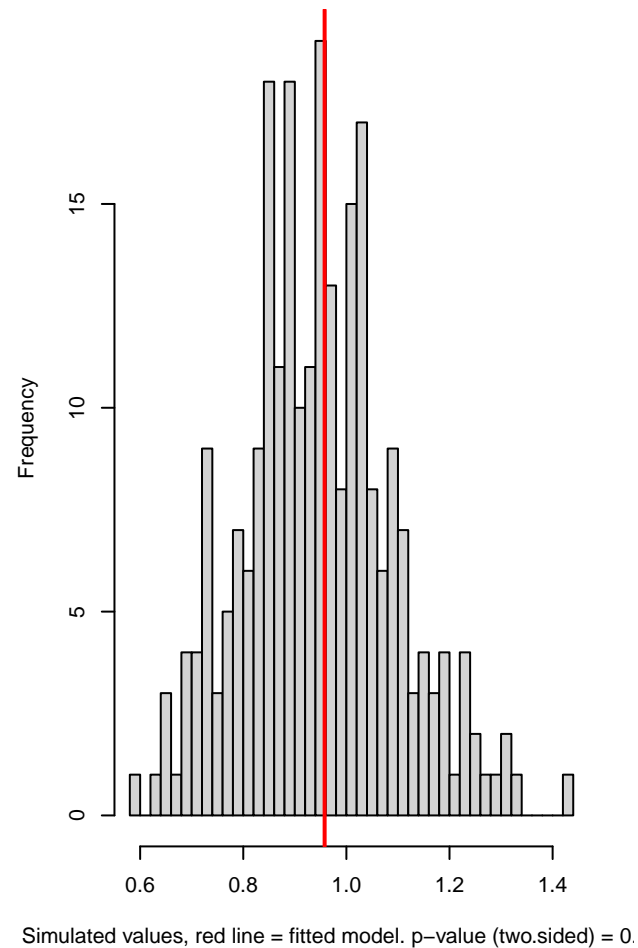
QQ plot residuals



Residual vs. predicted

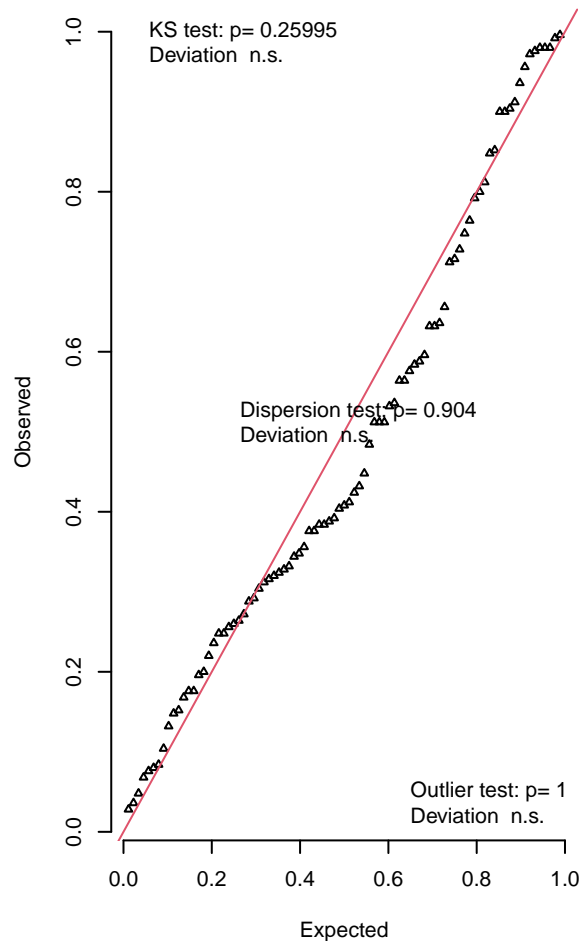


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

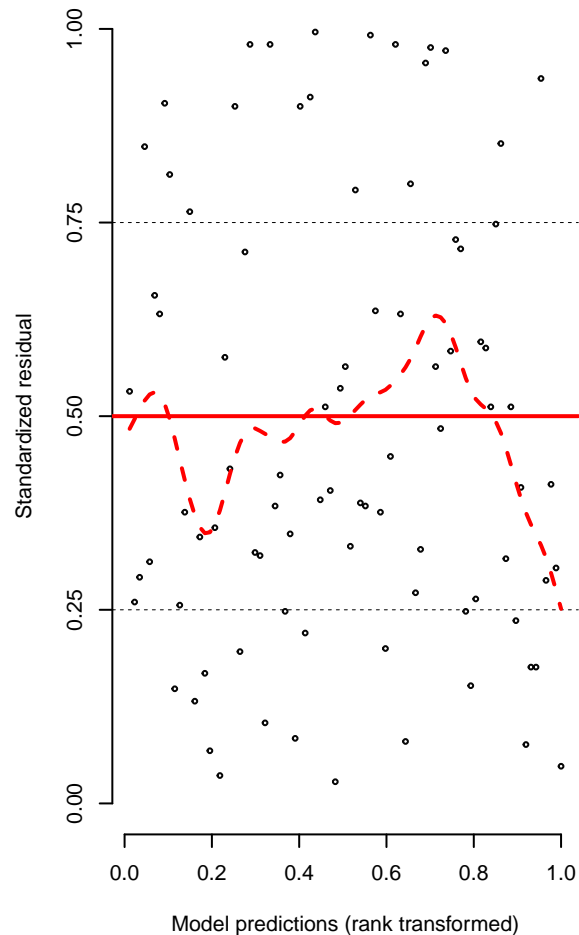


qEt ~ intercept + area_std + fish1

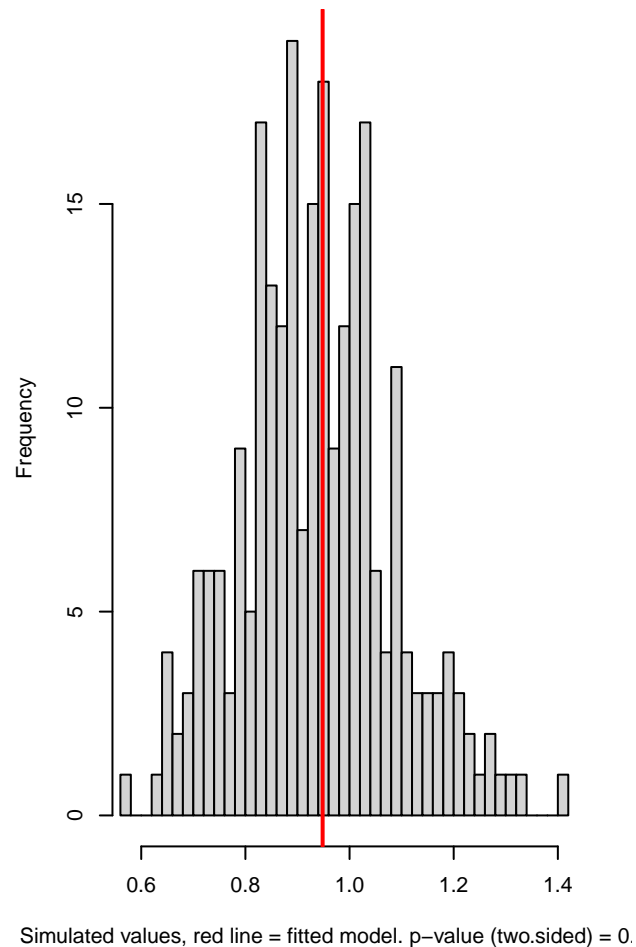
QQ plot residuals



Residual vs. predicted

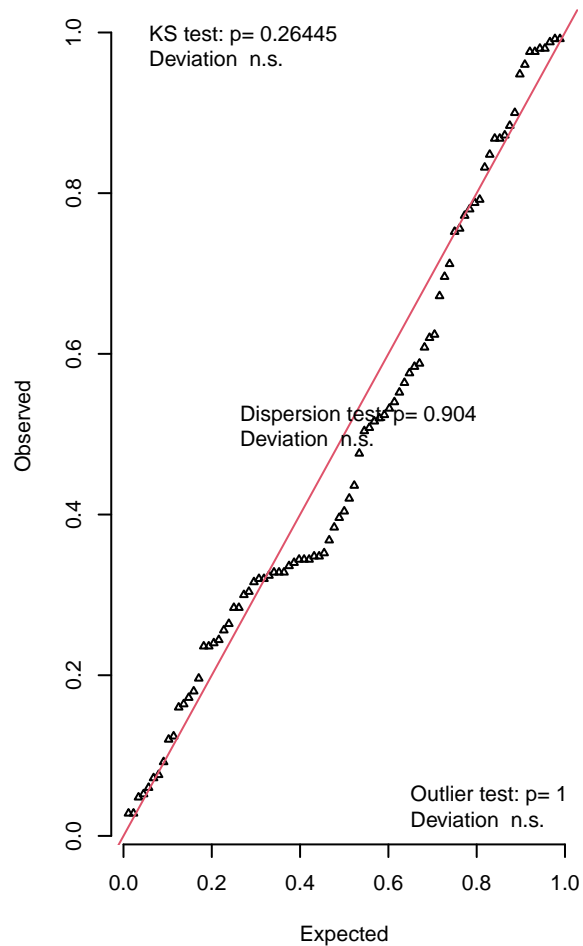


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

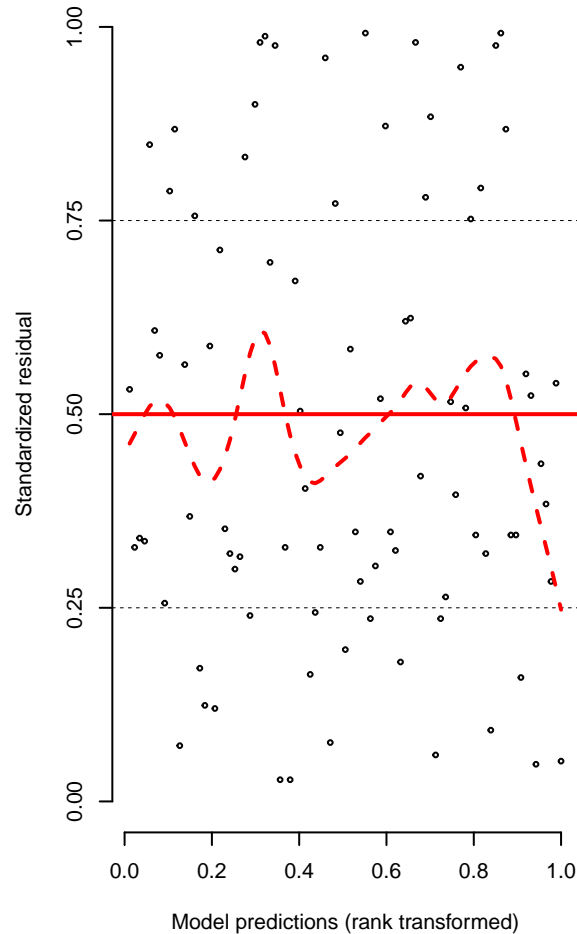


qEt ~ intercept + area_std + time_convert_std

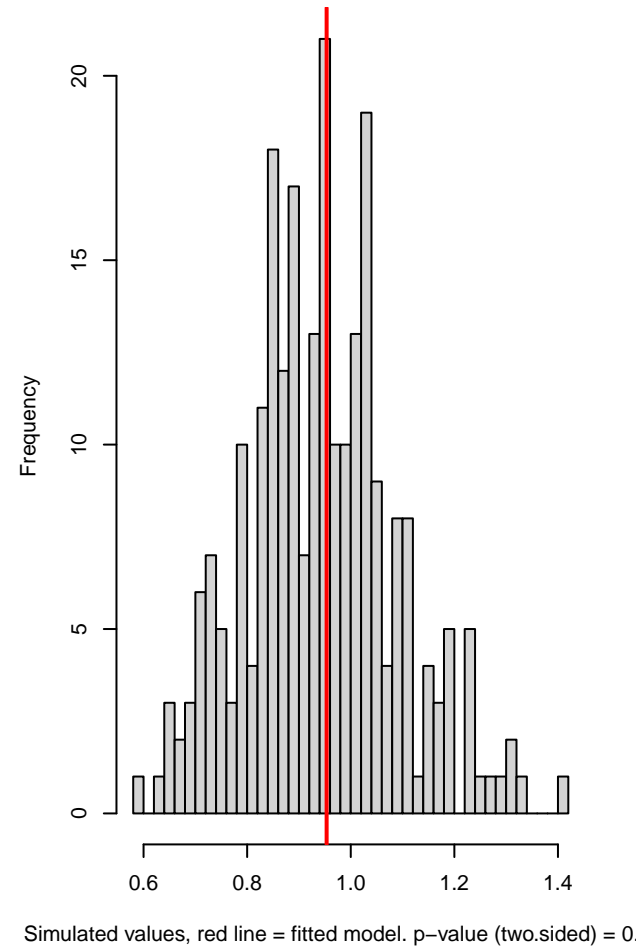
QQ plot residuals



Residual vs. predicted

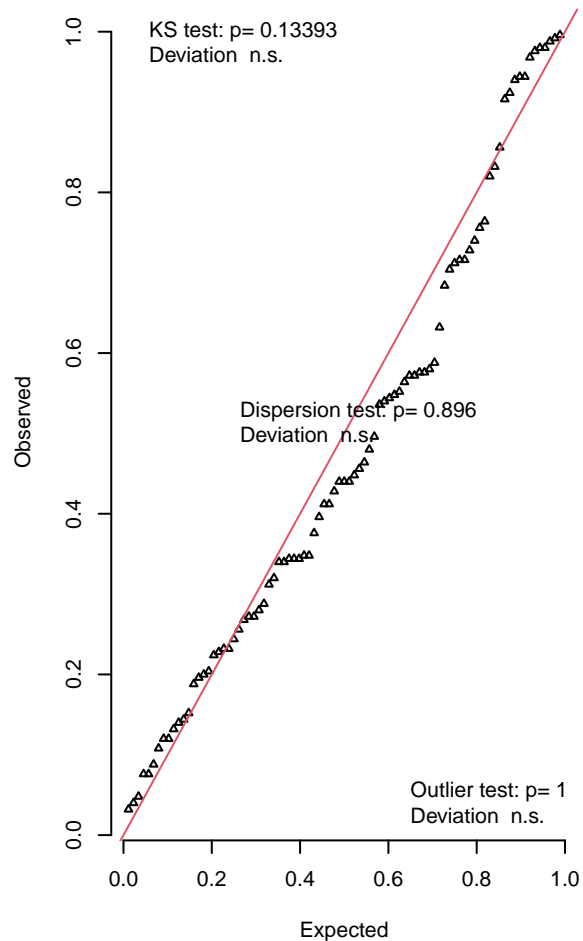


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

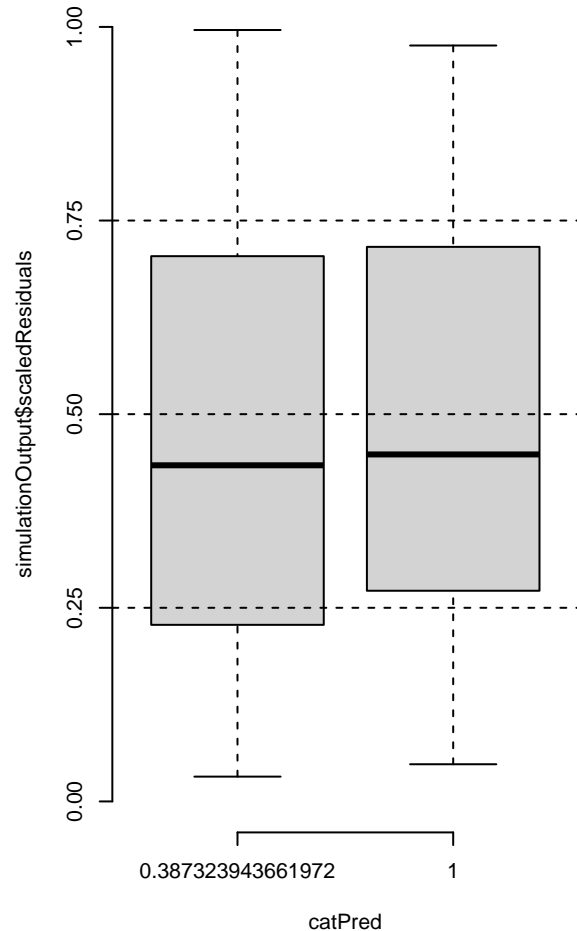


qEt ~ intercept + fish1

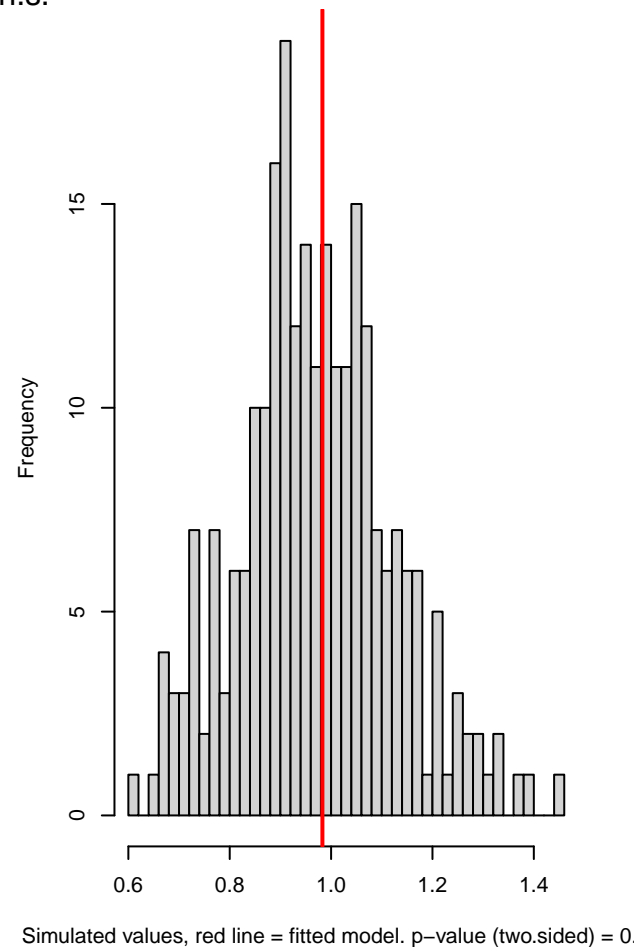
QQ plot residuals



Within-group deviation from uniformity n.s.
Levene Test for homogeneity of variance n.s.

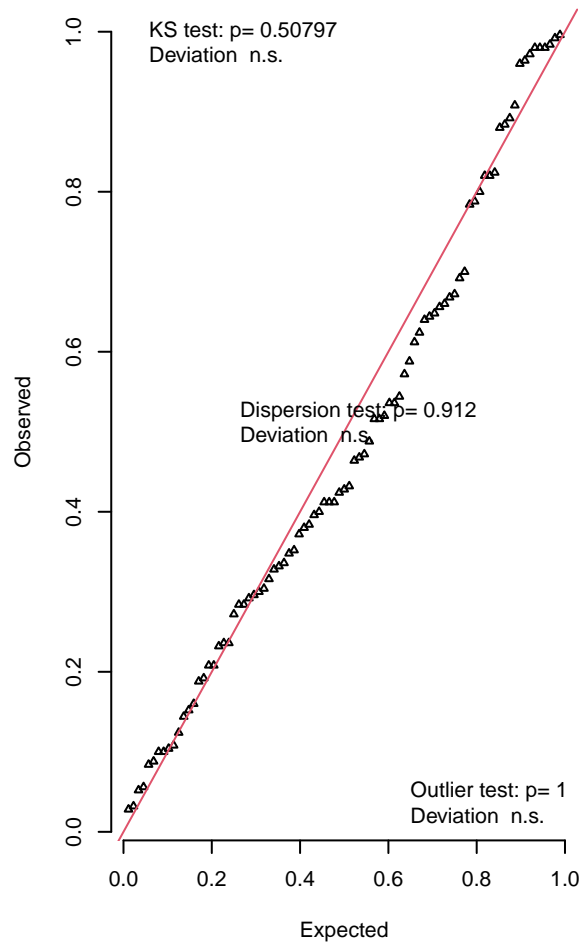


DHARMA nonparametric dispersion test via sd of
residuals fitted vs. simulated

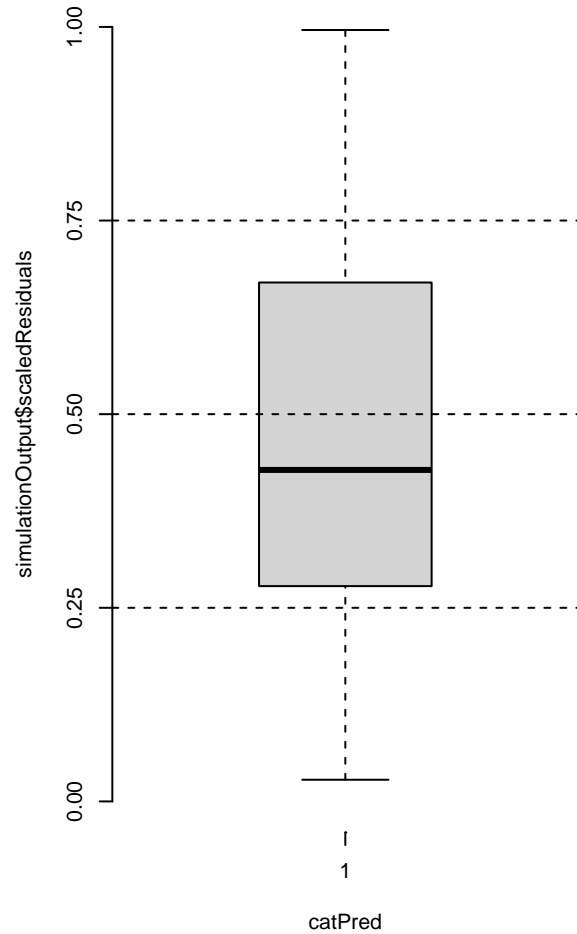


qEt ~ intercept

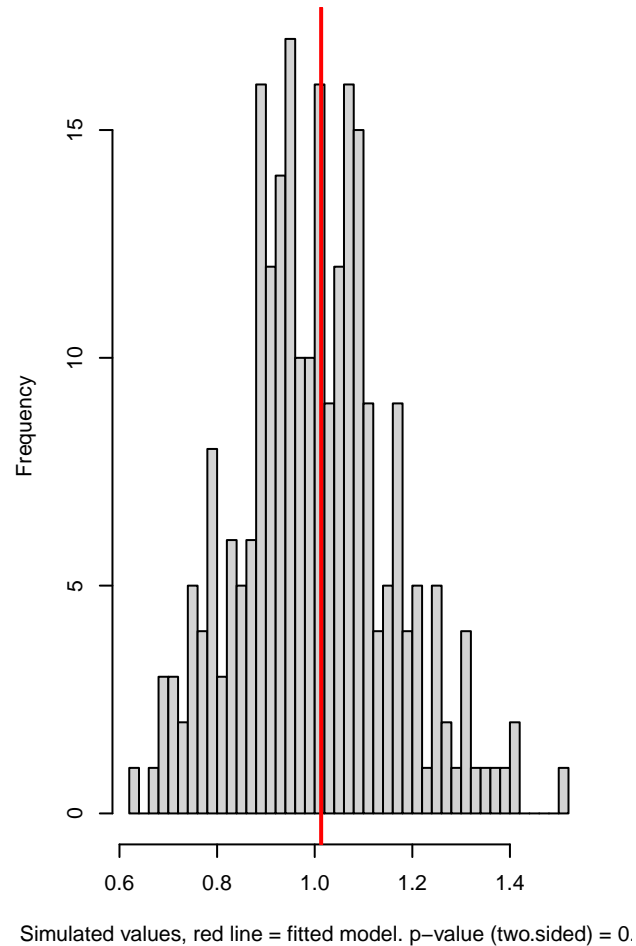
QQ plot residuals



Within-group deviation from uniformity n.s.

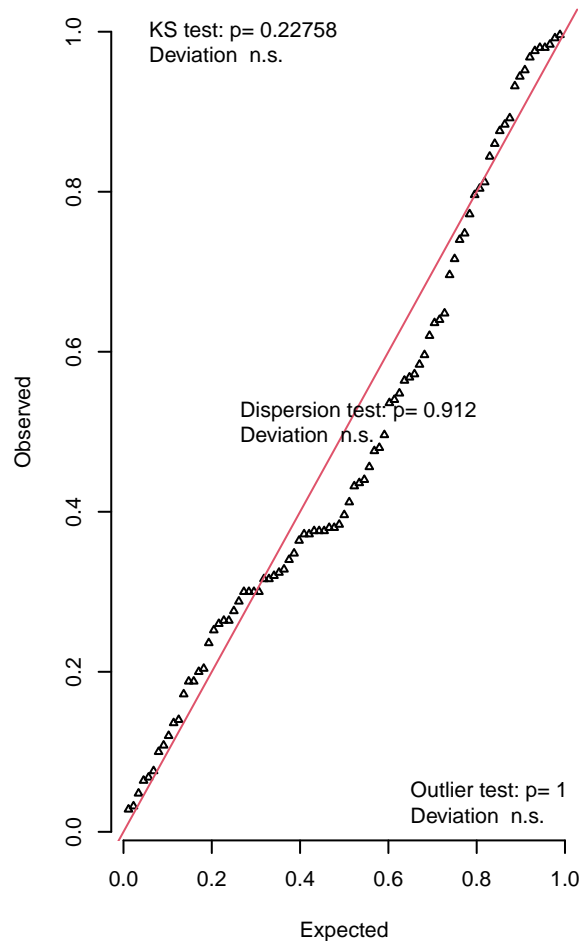


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

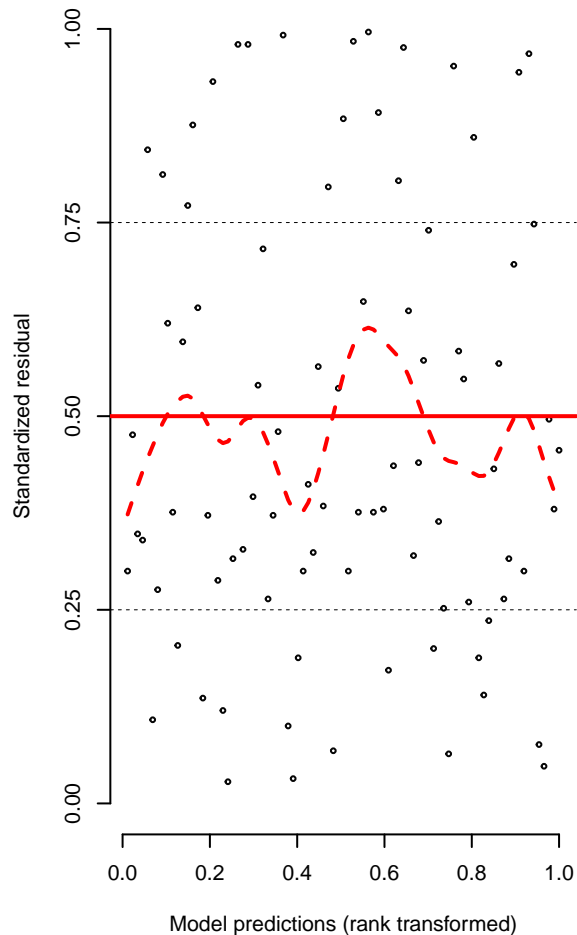


$$qEt \sim \text{intercept} + \text{area_std} + \text{fish1} + \text{time_convert_std}$$

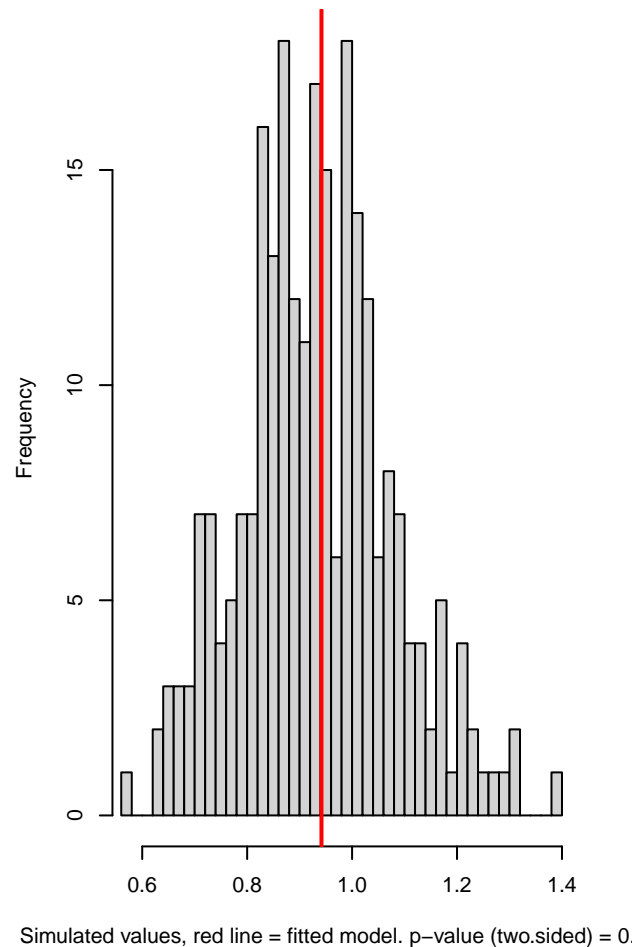
QQ plot residuals



Residual vs. predicted

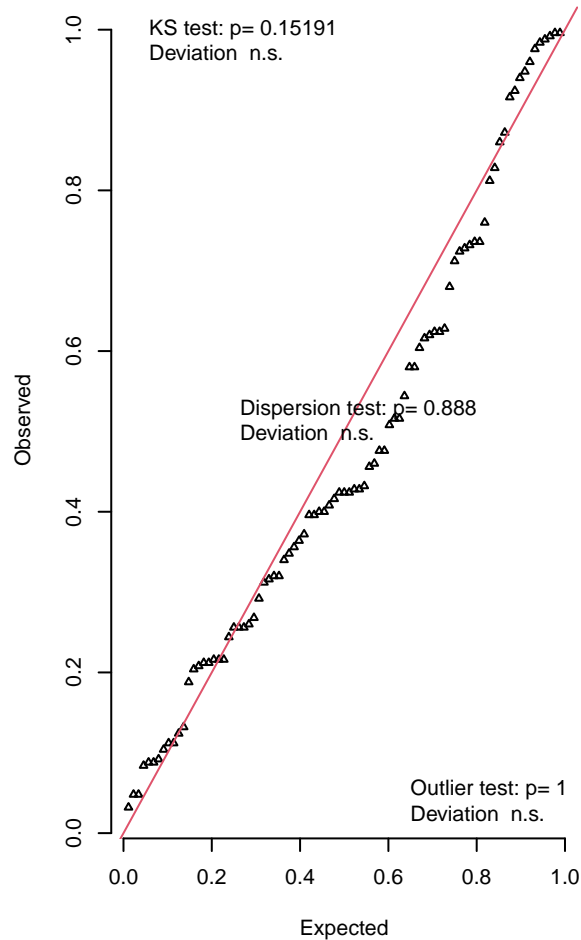


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

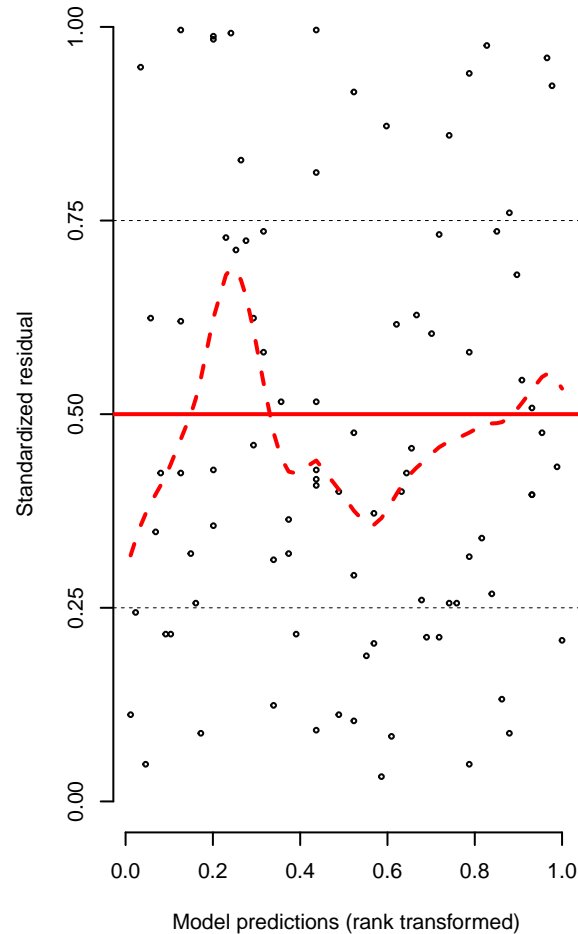


qEt ~ intercept + fish1 + time_convert_std

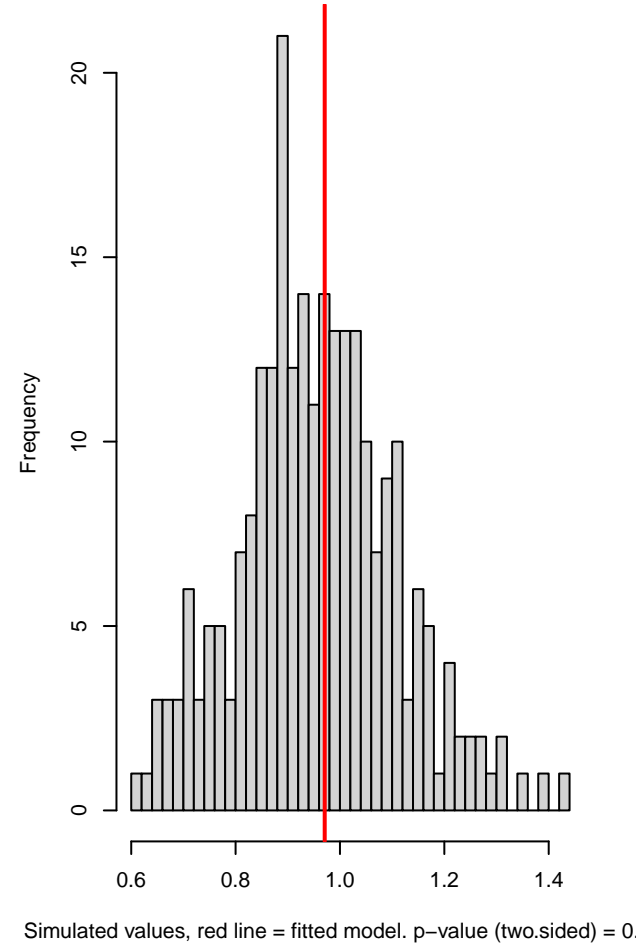
QQ plot residuals



Residual vs. predicted

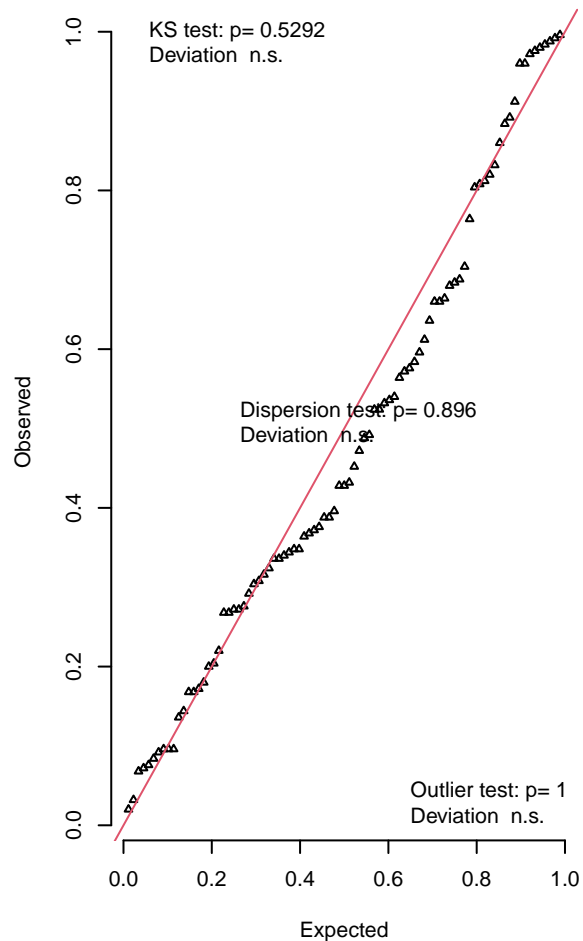


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

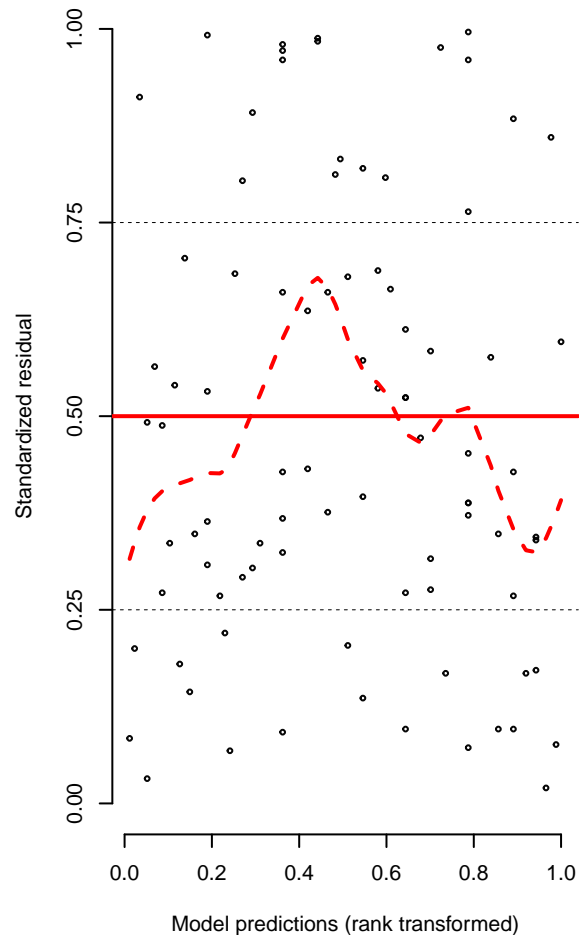


qEt ~ intercept + time_convert_std

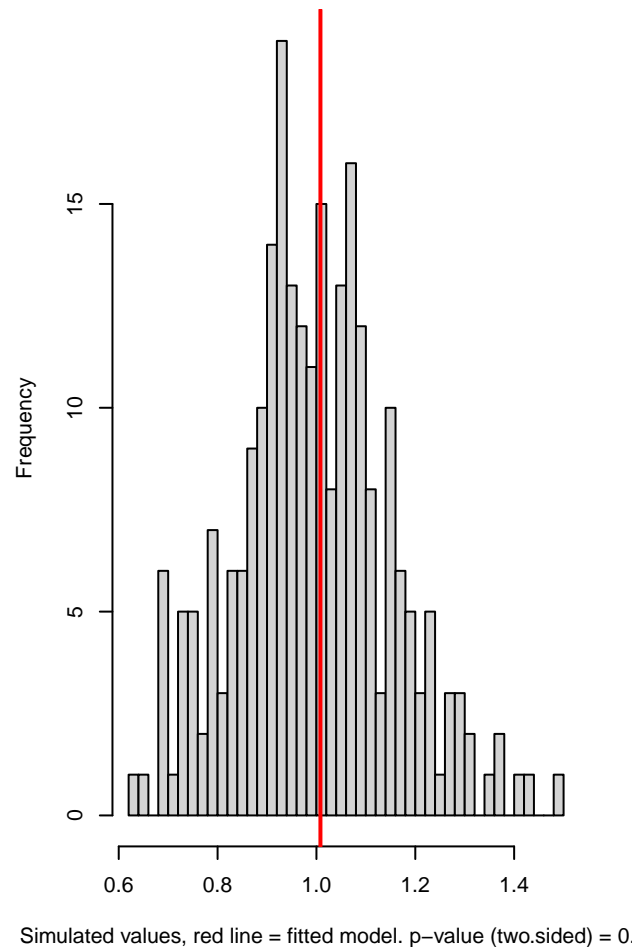
QQ plot residuals



Residual vs. predicted

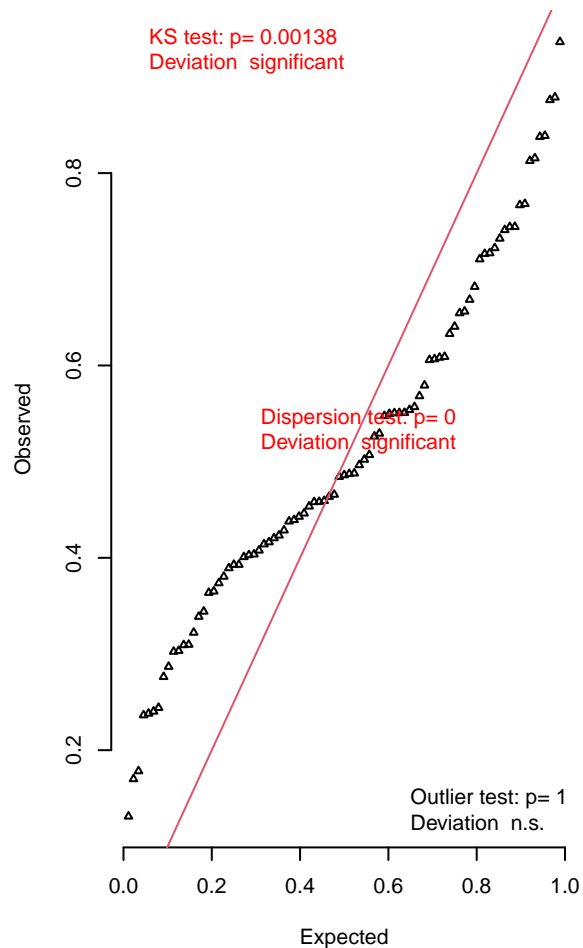


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

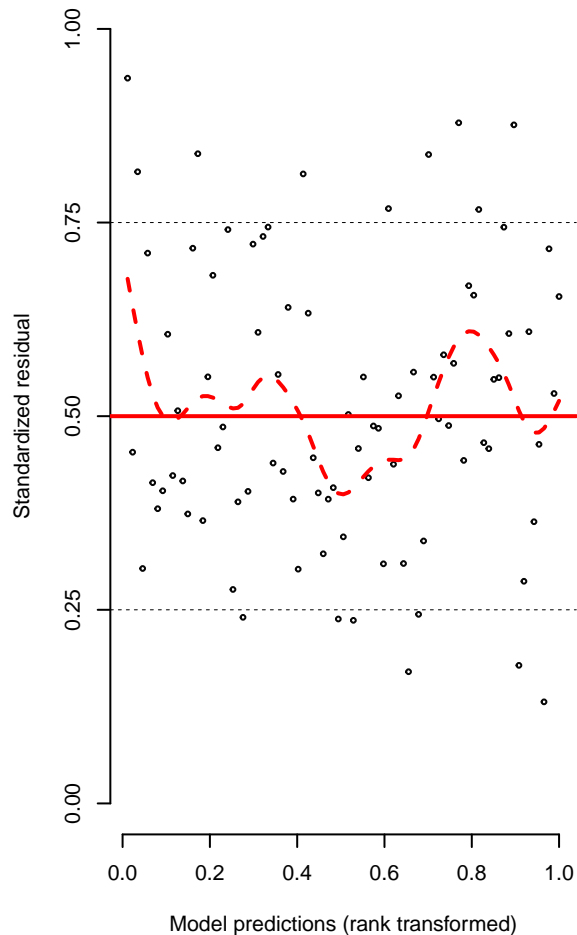


nsp ~ intercept + area_std

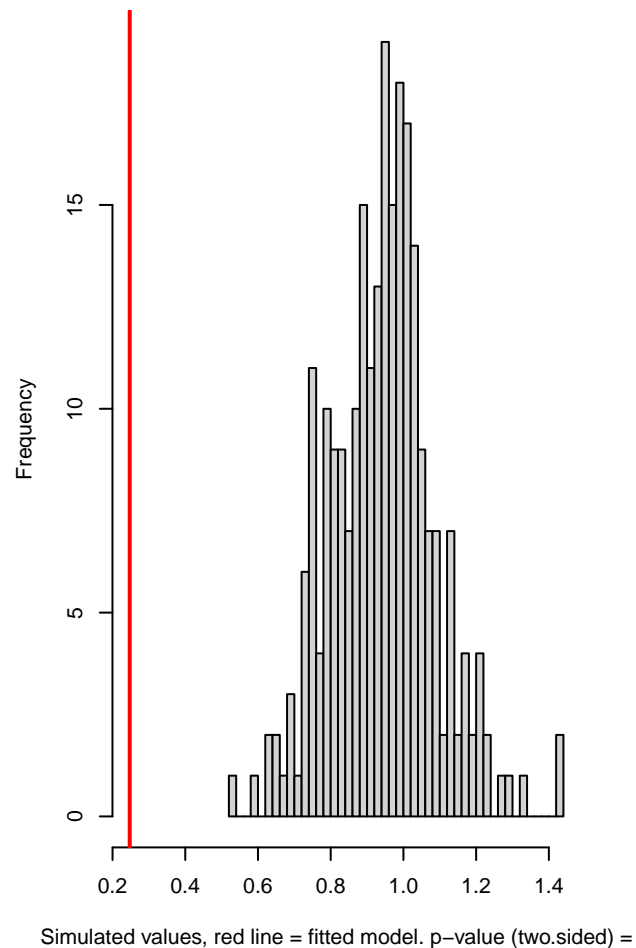
QQ plot residuals



Residual vs. predicted

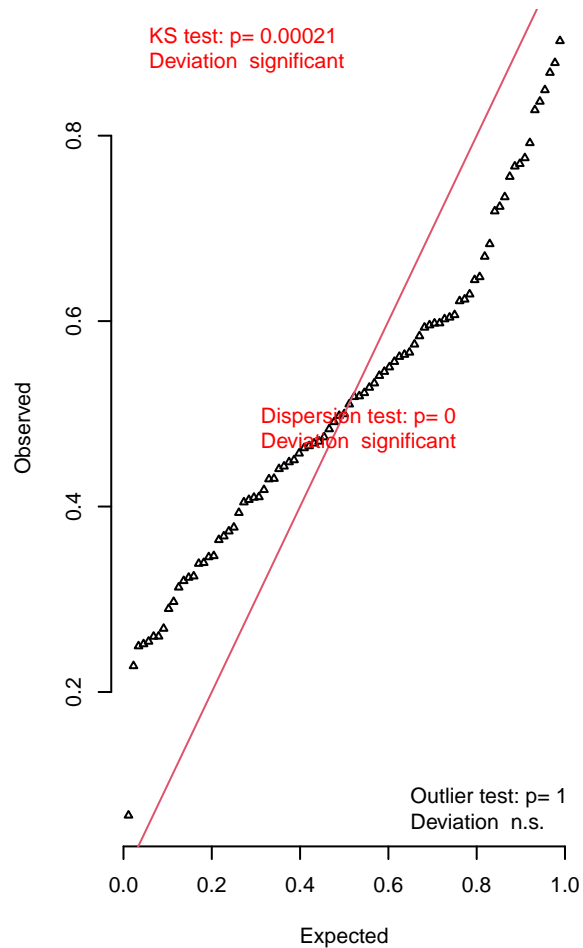


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

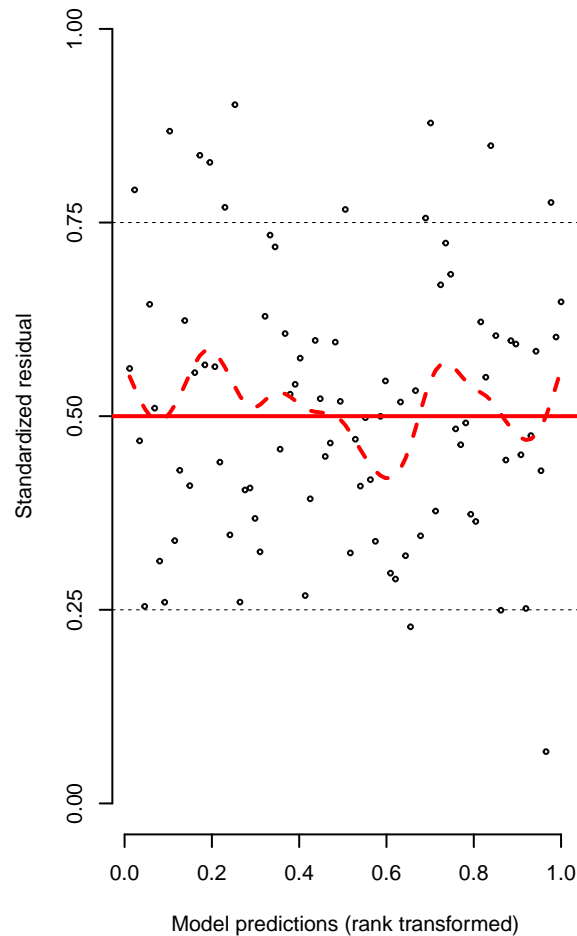


nsp ~ intercept + area_std + temp_std

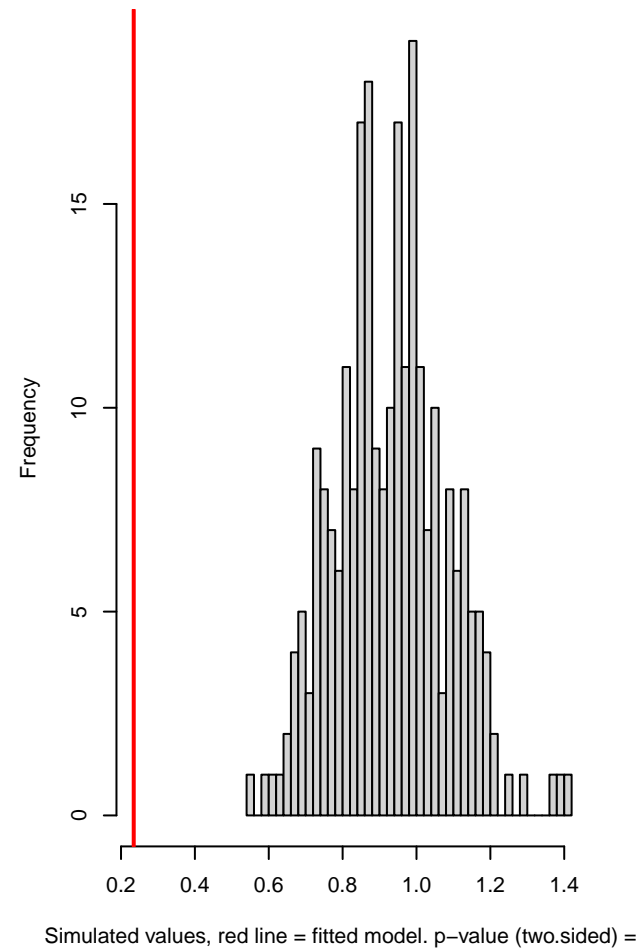
QQ plot residuals



Residual vs. predicted

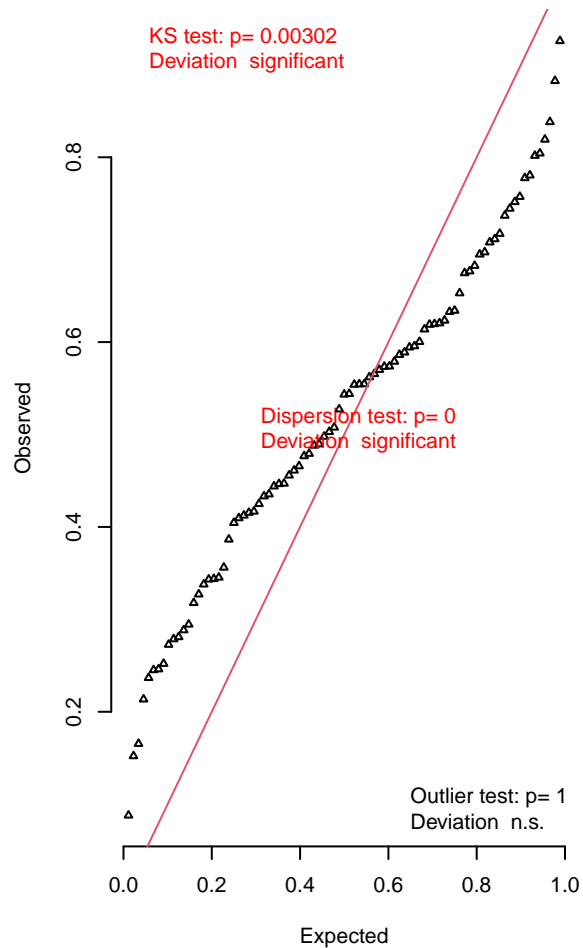


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

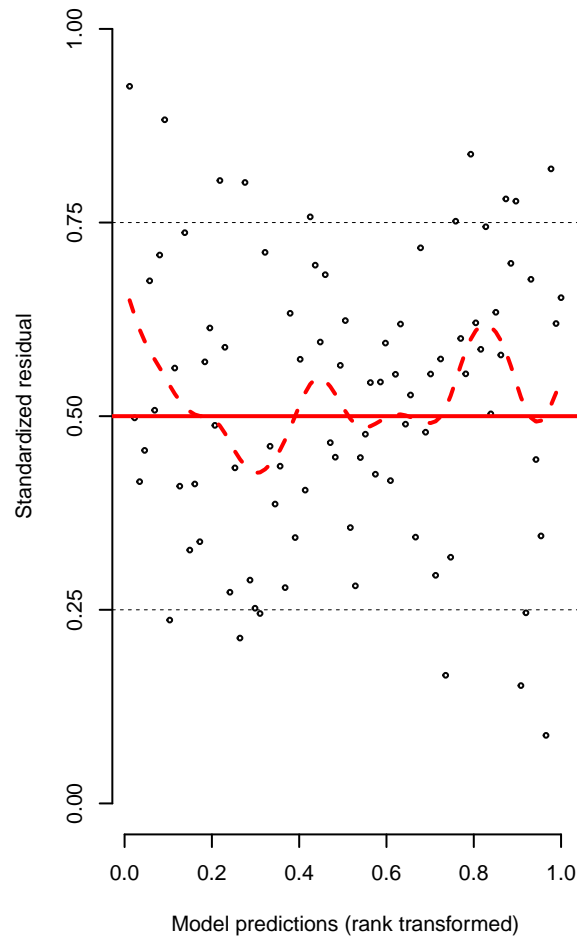


nsp ~ intercept + area_std + fish1

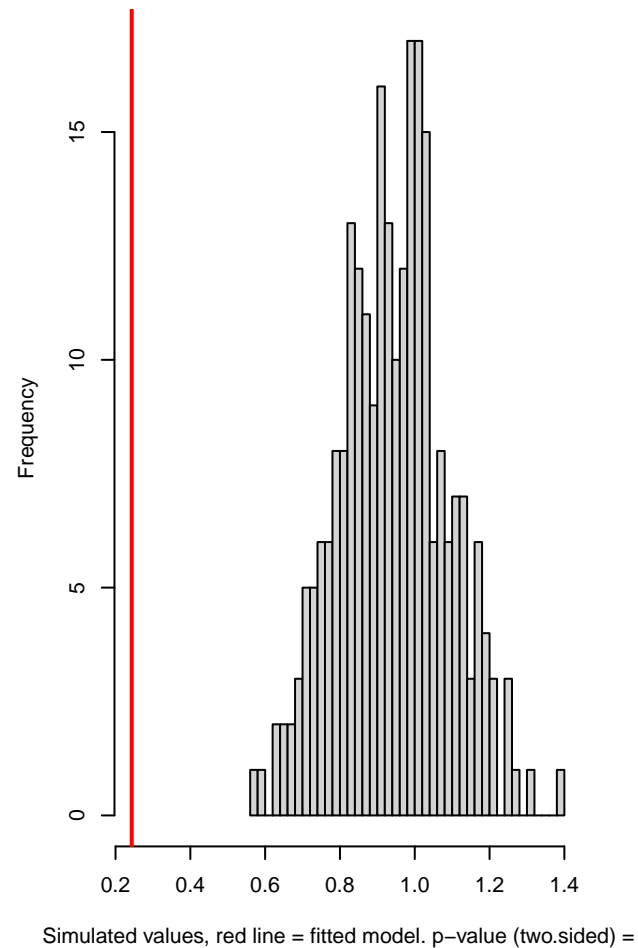
QQ plot residuals



Residual vs. predicted

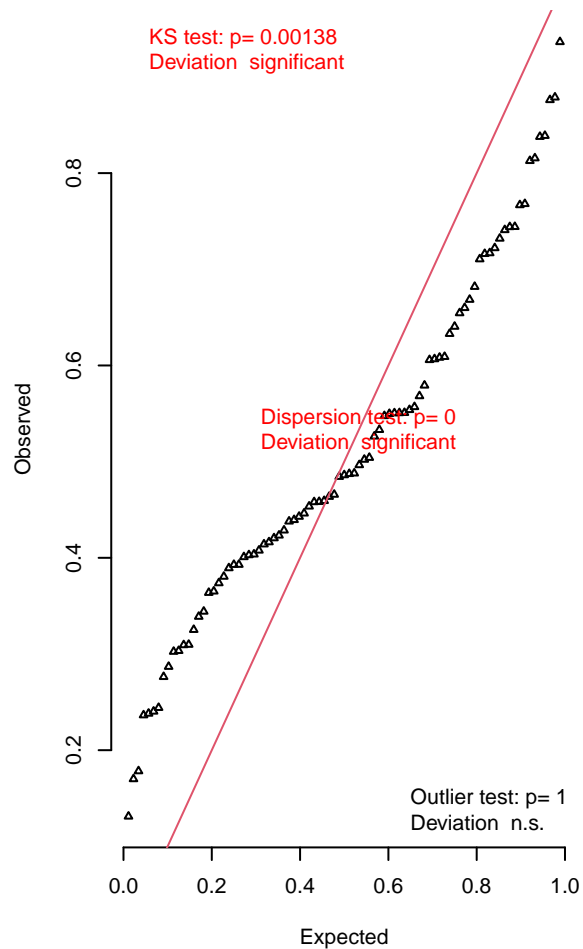


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

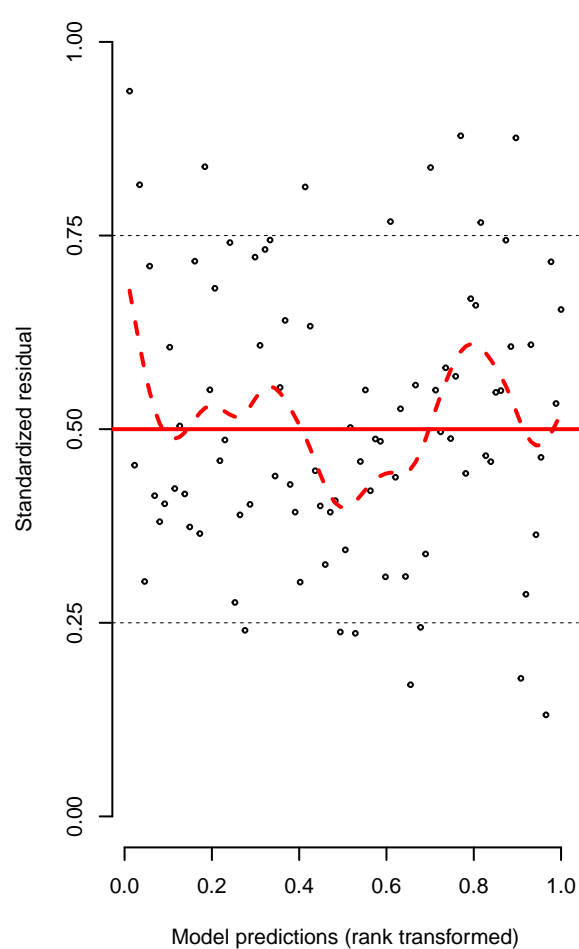


nsp ~ intercept + area_std + time_convert_std

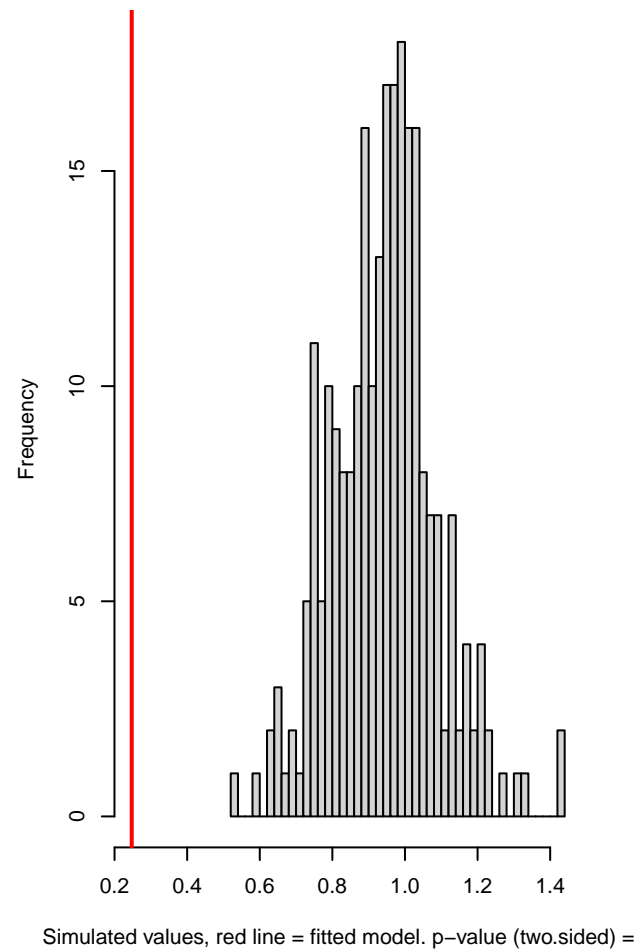
QQ plot residuals



Residual vs. predicted

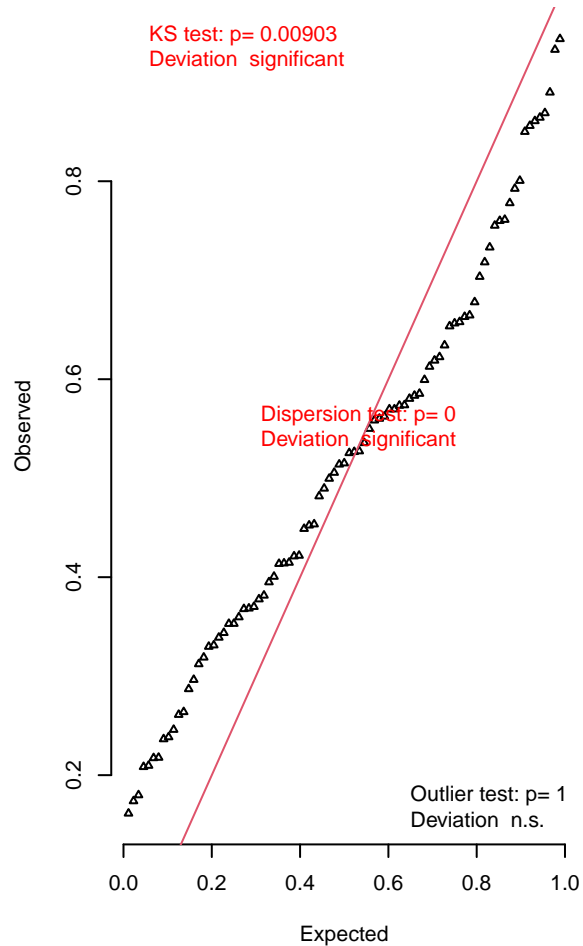


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

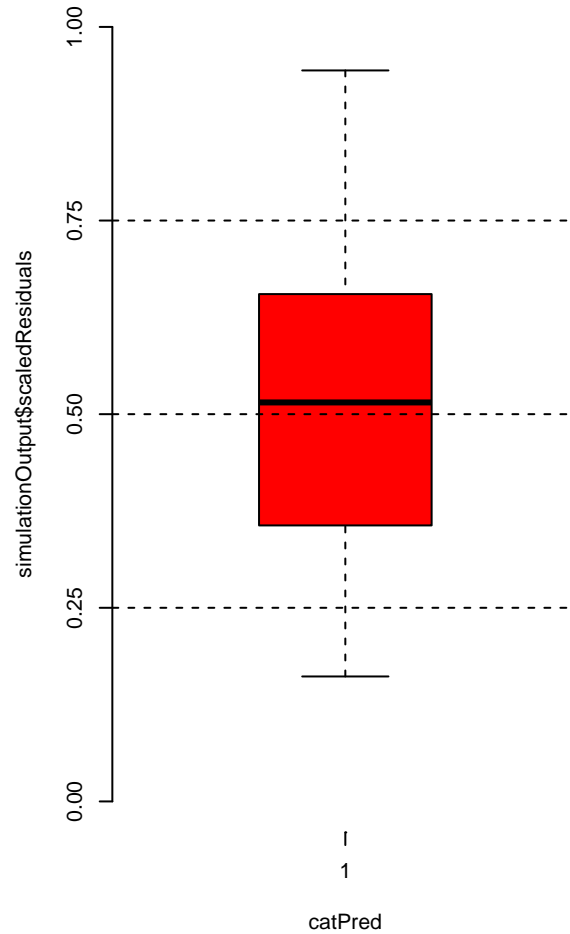


nsp ~ intercept

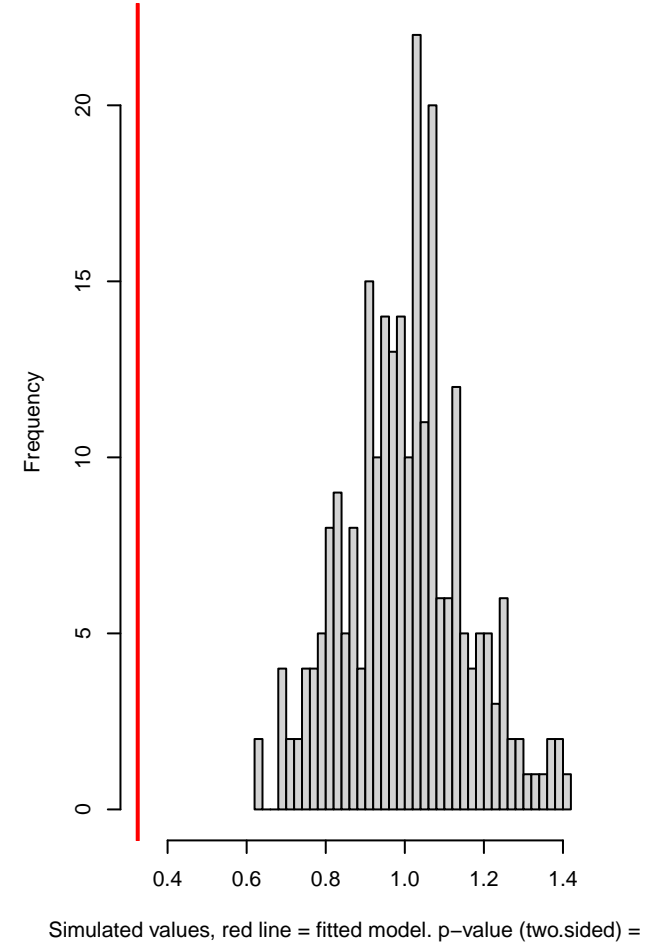
QQ plot residuals



Within-group deviations from uniformity significant (red)

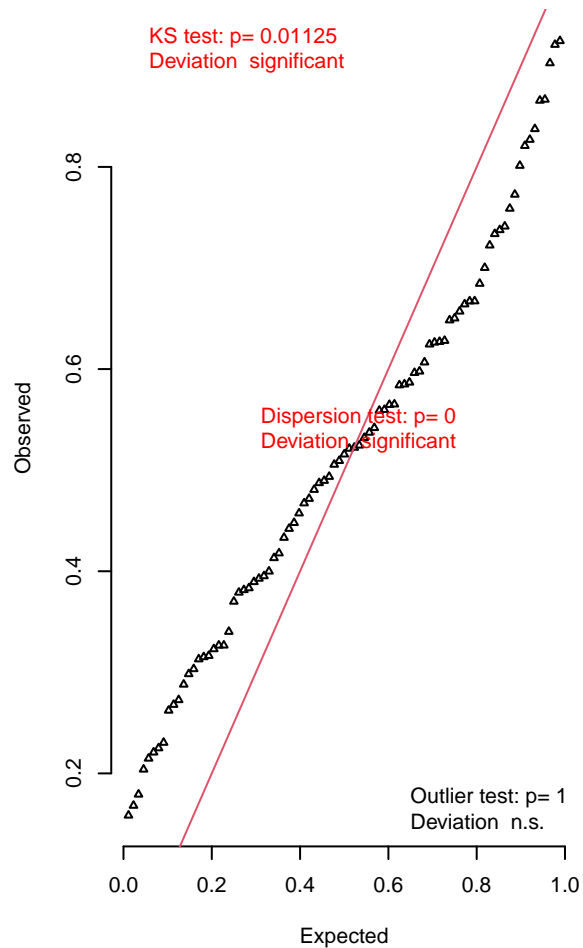


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

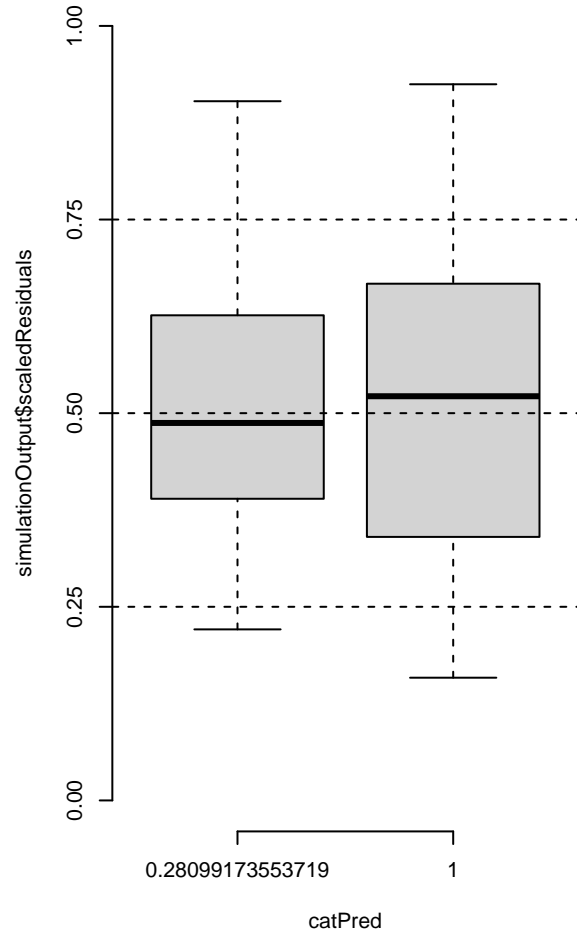


nsp ~ intercept + fish1

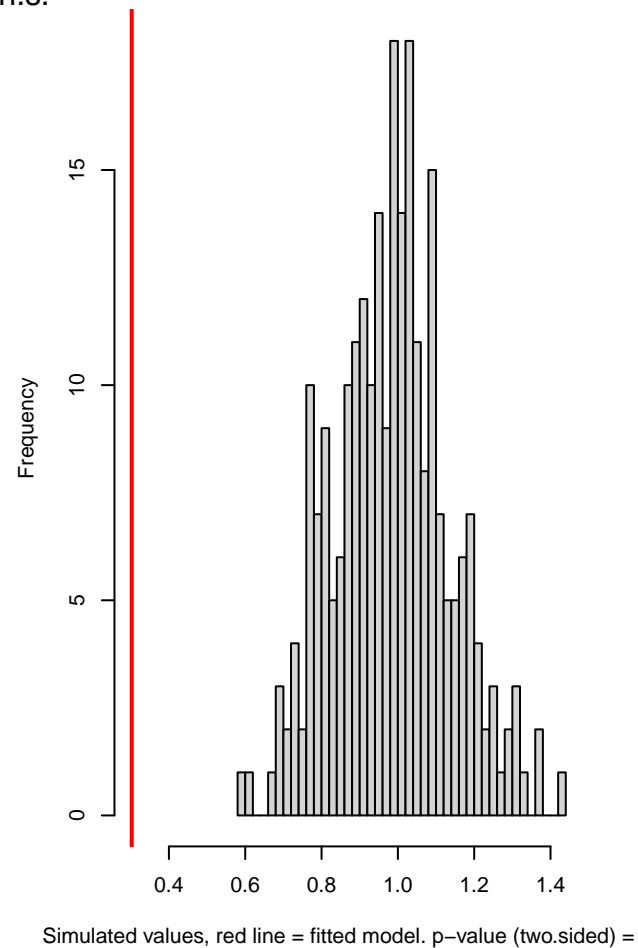
QQ plot residuals



Within-group deviation from uniformity n.s.
Levene Test for homogeneity of variance n.s.

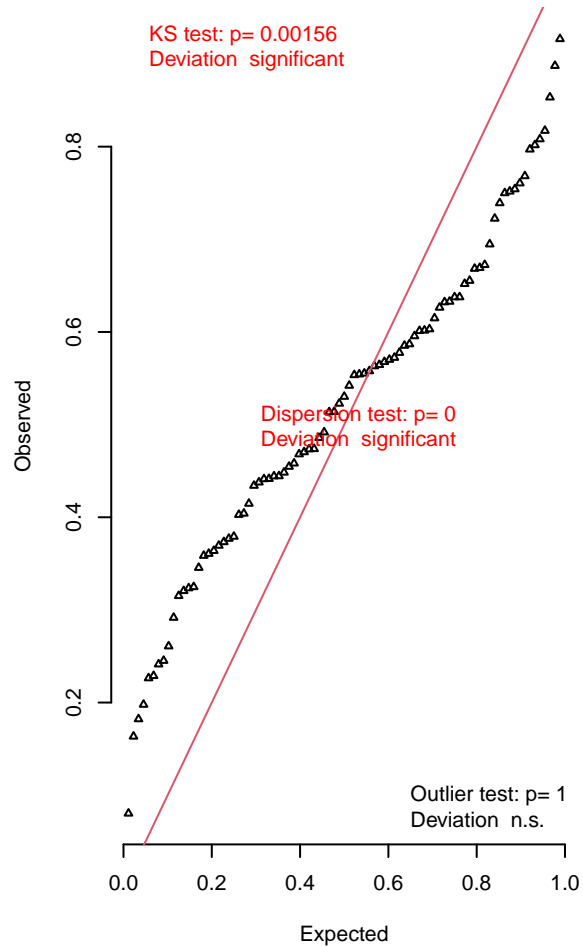


DHARMA nonparametric dispersion test via sd of
residuals fitted vs. simulated

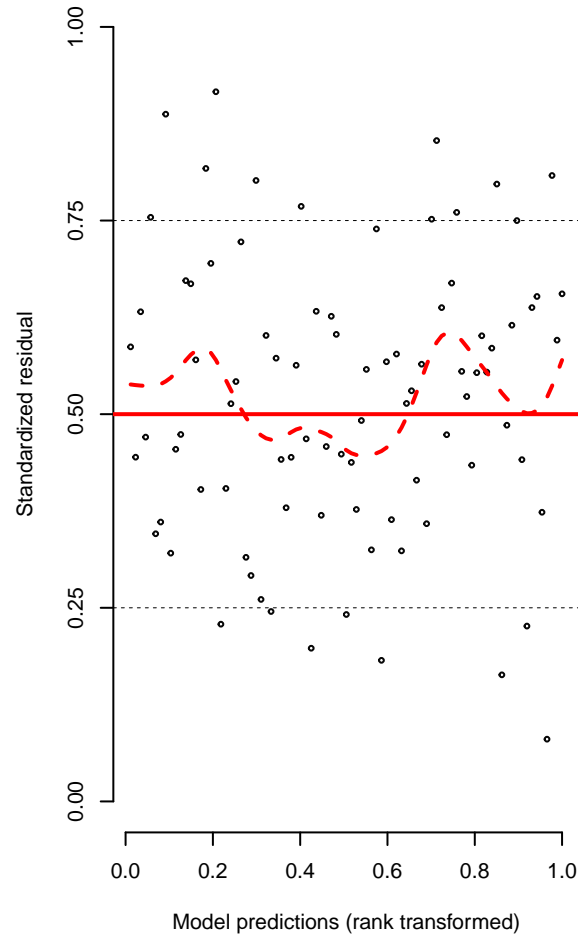


nsp ~ intercept + area_std + fish1 + temp_std

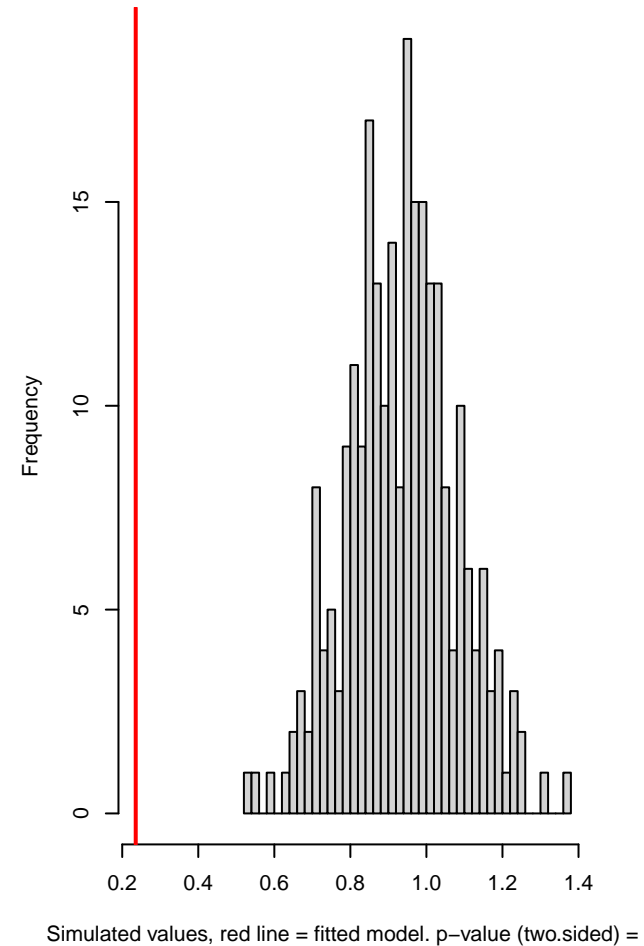
QQ plot residuals



Residual vs. predicted

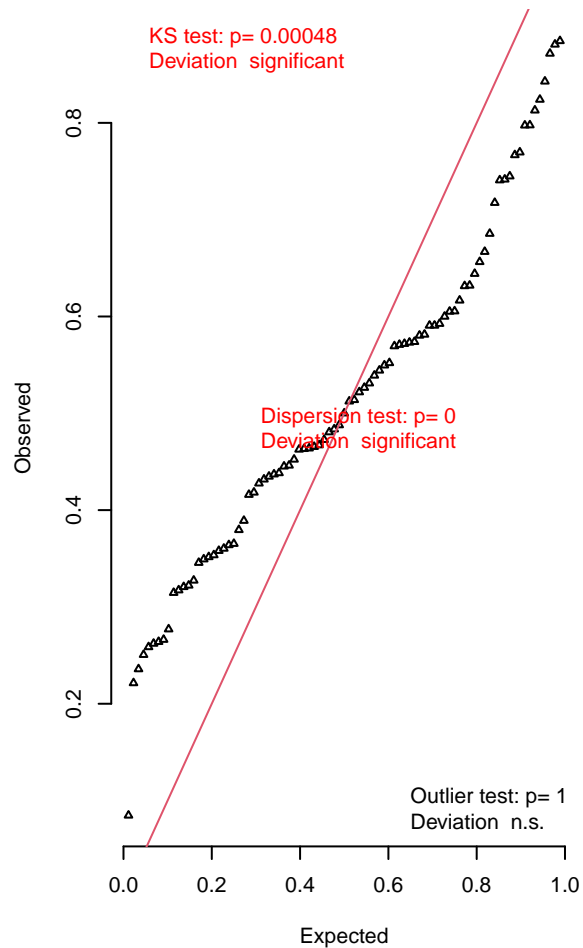


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

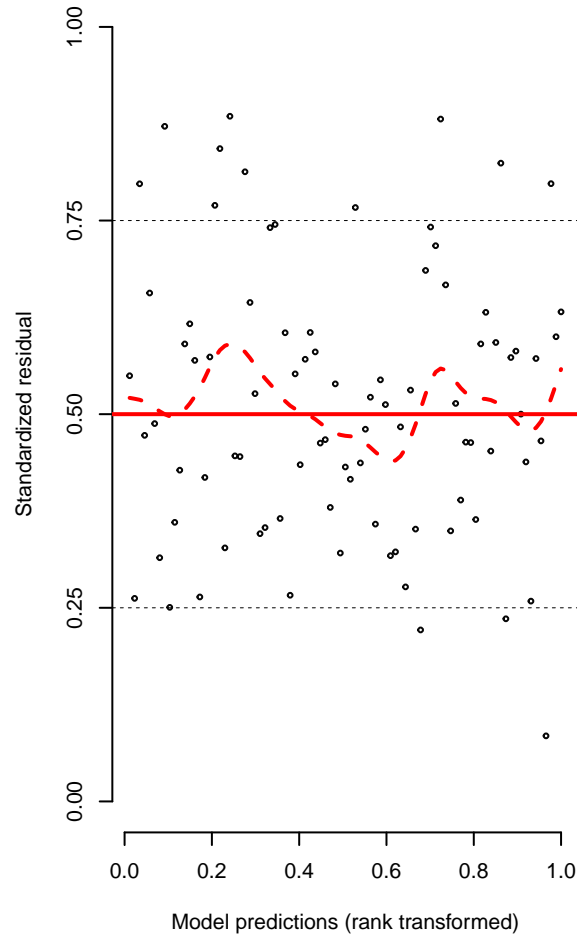


nsp ~ intercept + area_std + temp_std + time_convert_std

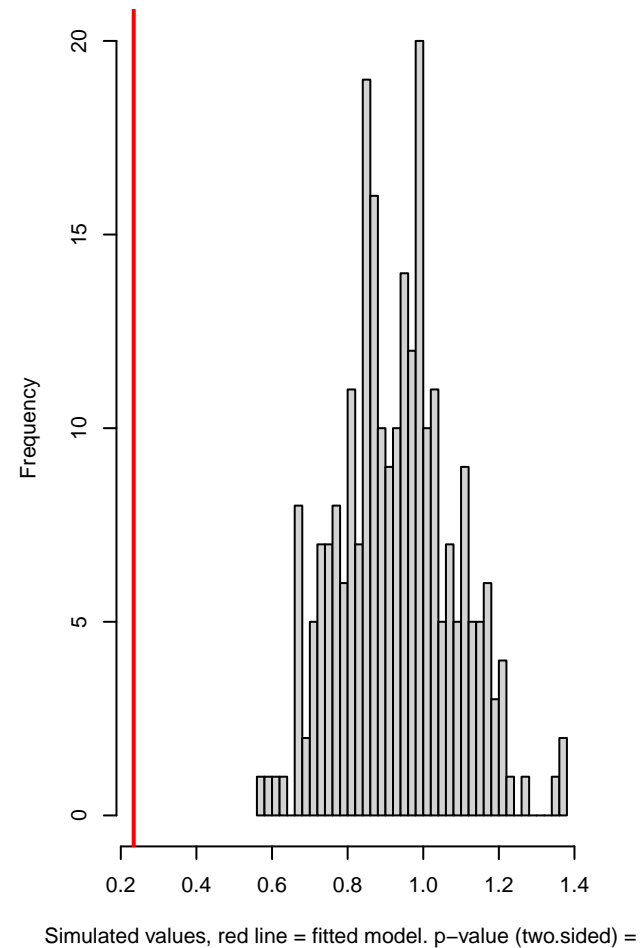
QQ plot residuals



Residual vs. predicted

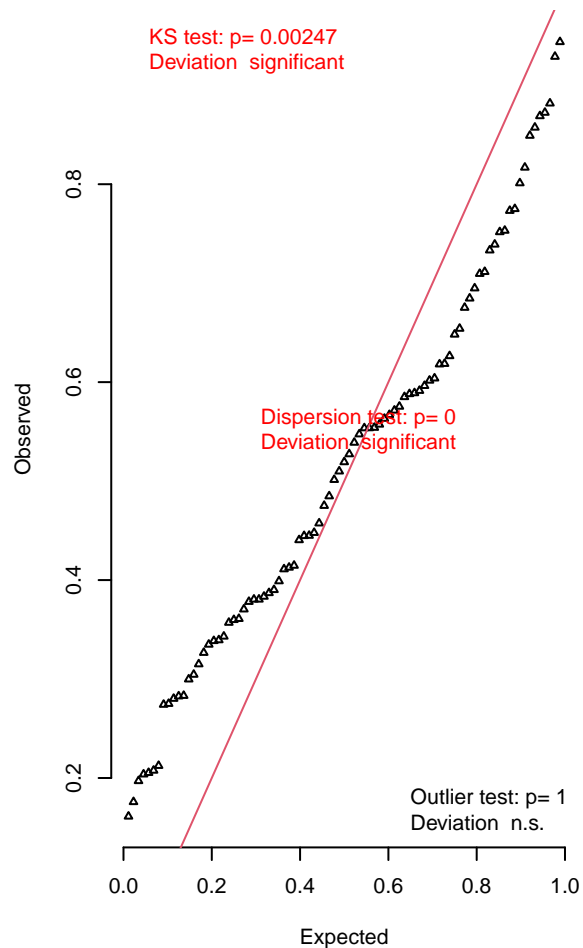


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

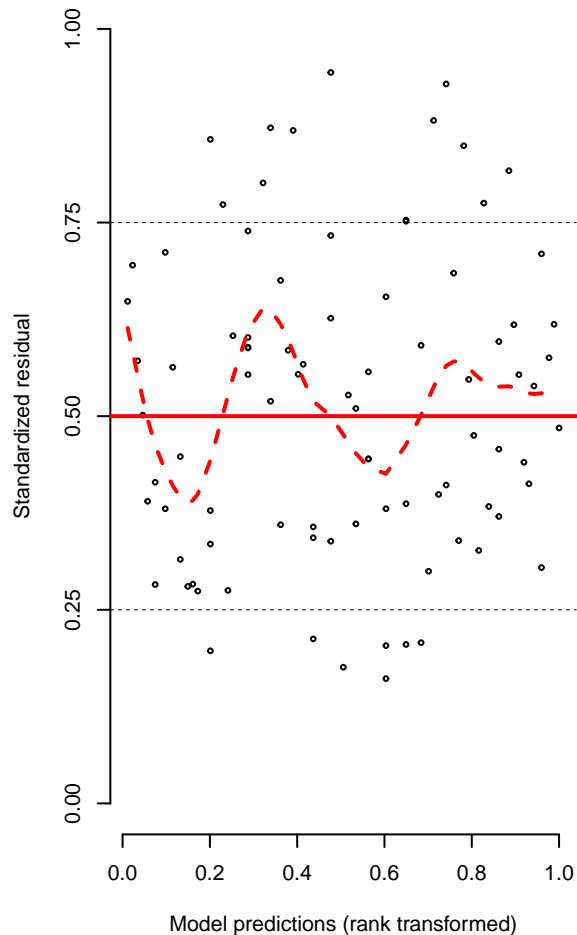


nsp ~ intercept + temp_std

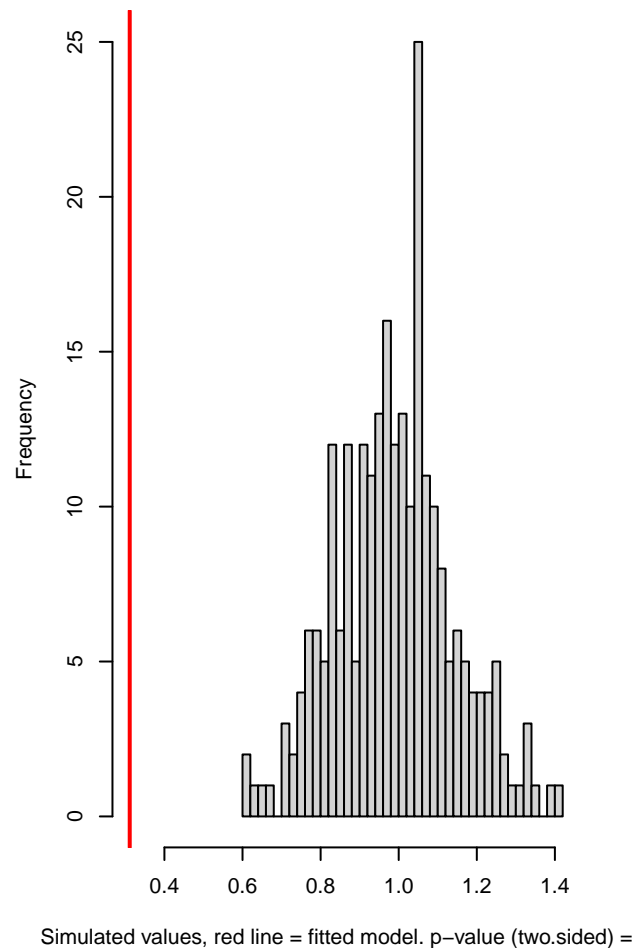
QQ plot residuals



Residual vs. predicted

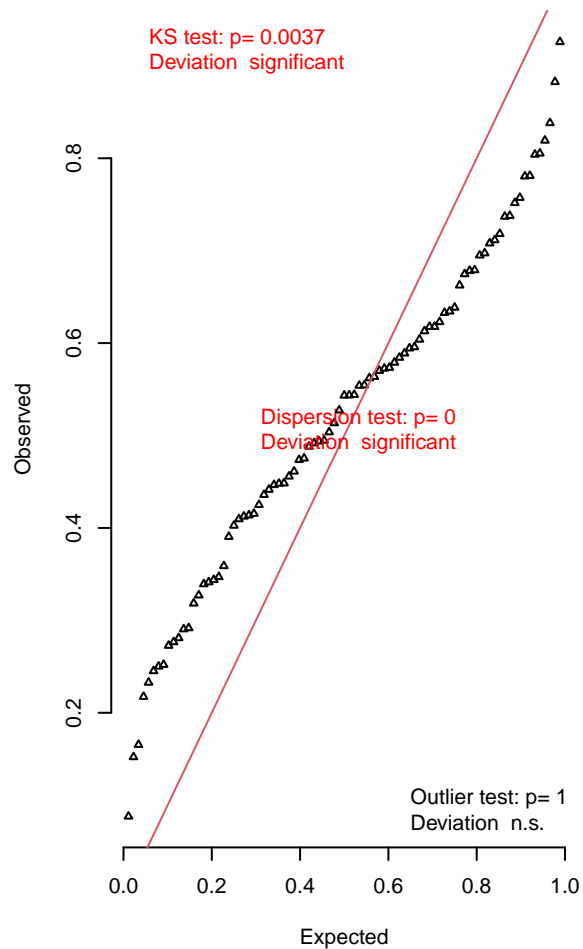


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

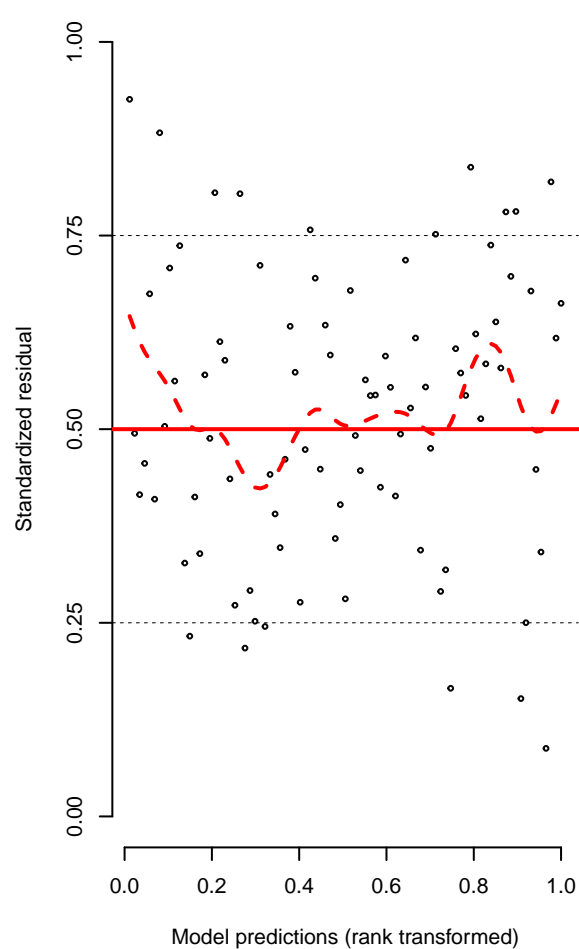


$$\text{nsp} \sim \text{intercept} + \text{area_std} + \text{fish1} + \text{time_convert_std}$$

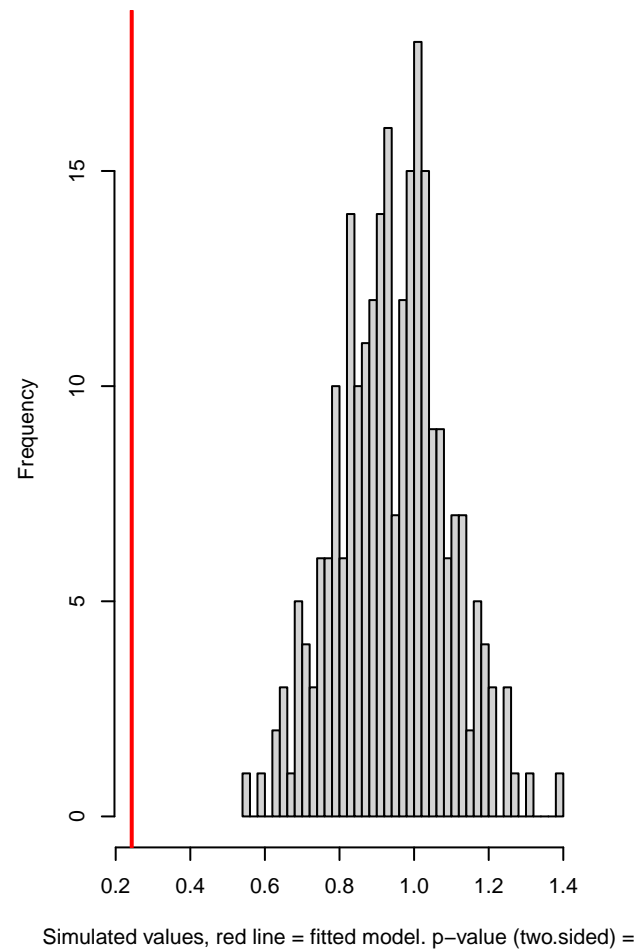
QQ plot residuals



Residual vs. predicted

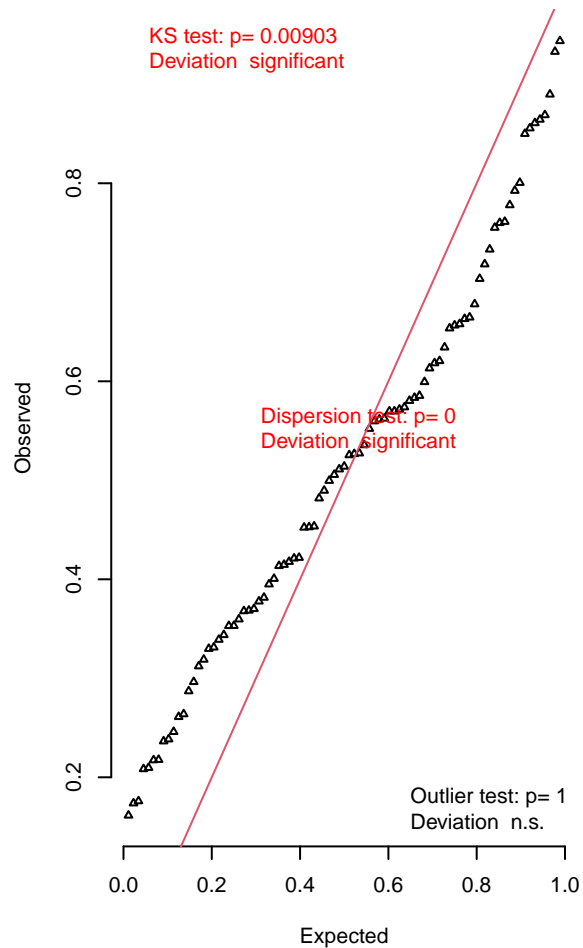


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

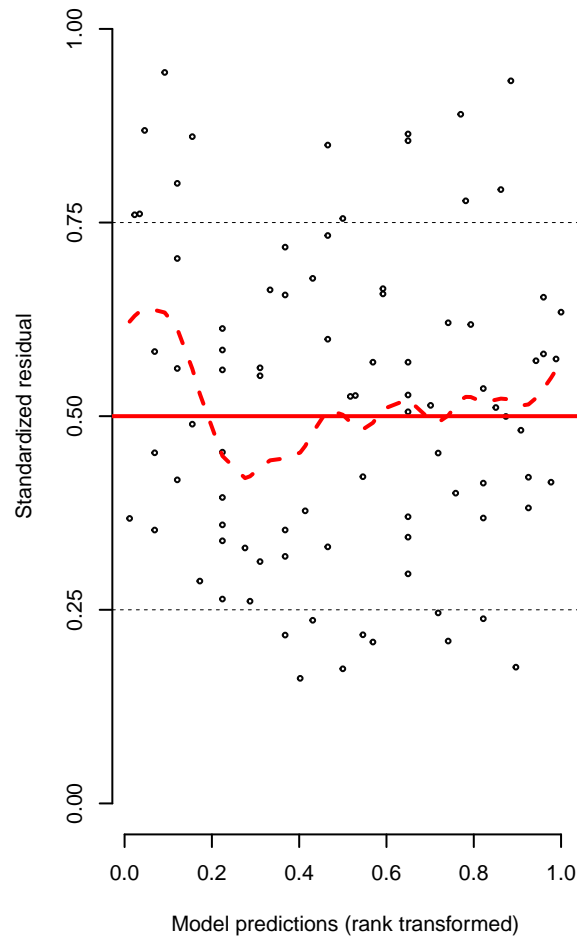


nsp ~ intercept + time_convert_std

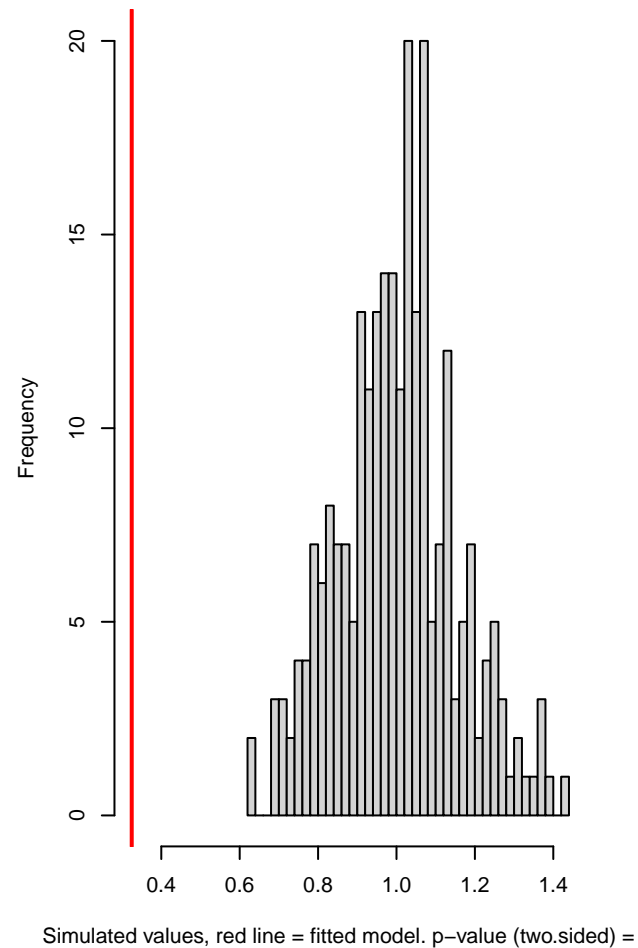
QQ plot residuals



Residual vs. predicted

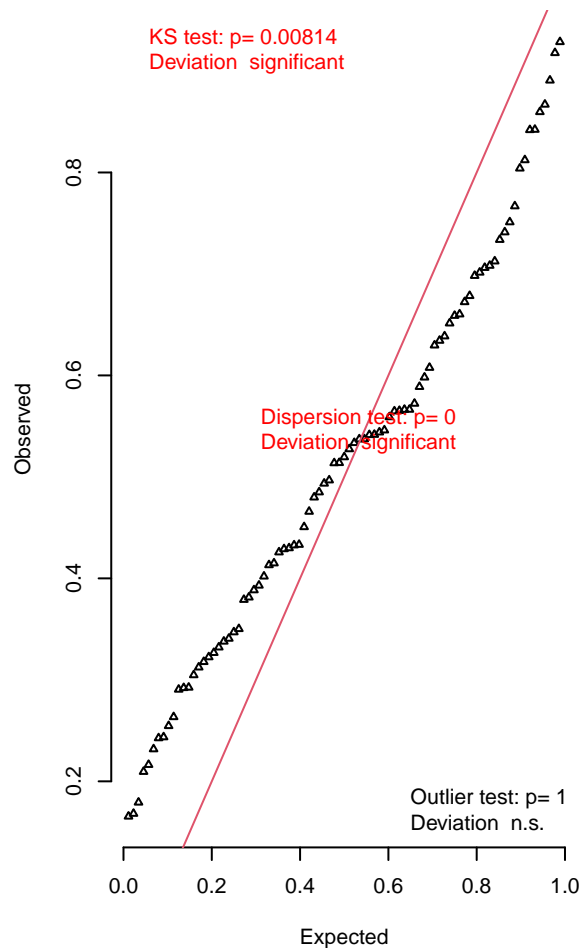


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

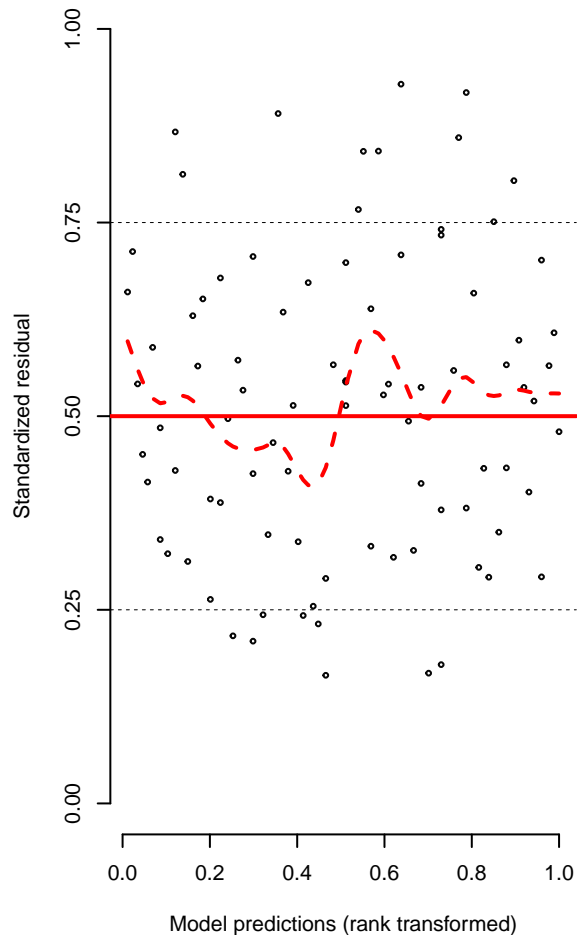


nsp ~ intercept + fish1 + temp_std

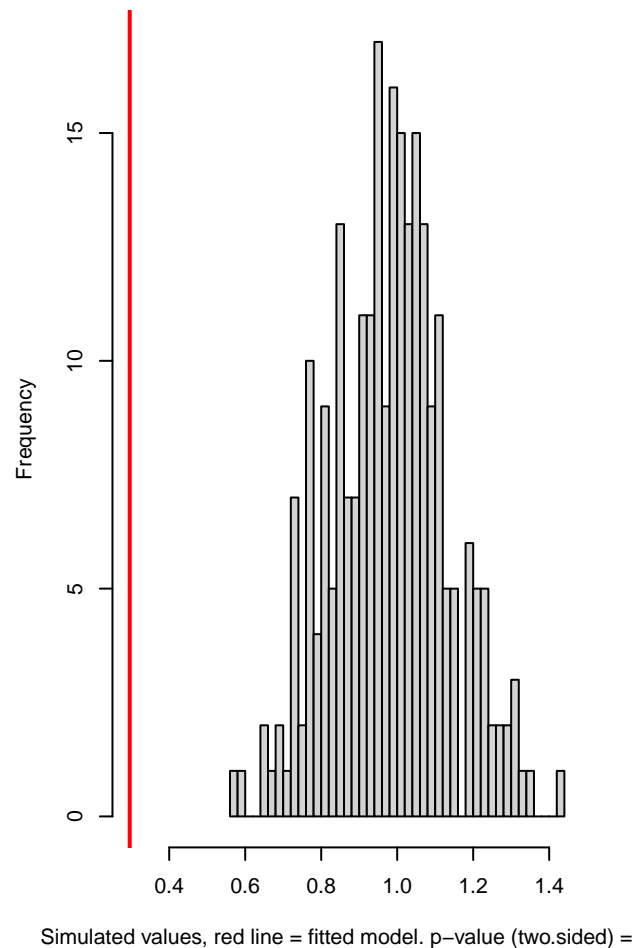
QQ plot residuals



Residual vs. predicted

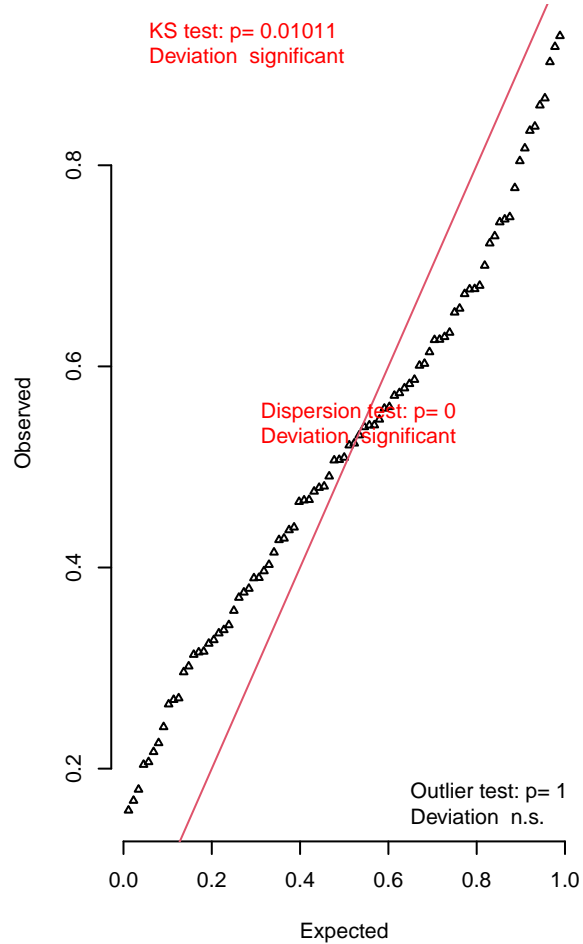


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

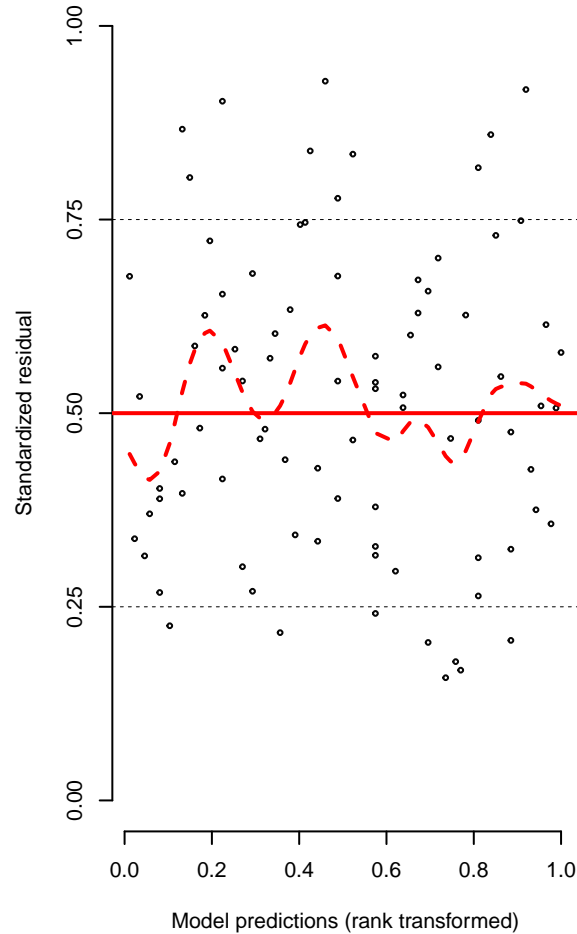


nsp ~ intercept + fish1 + time_convert_std

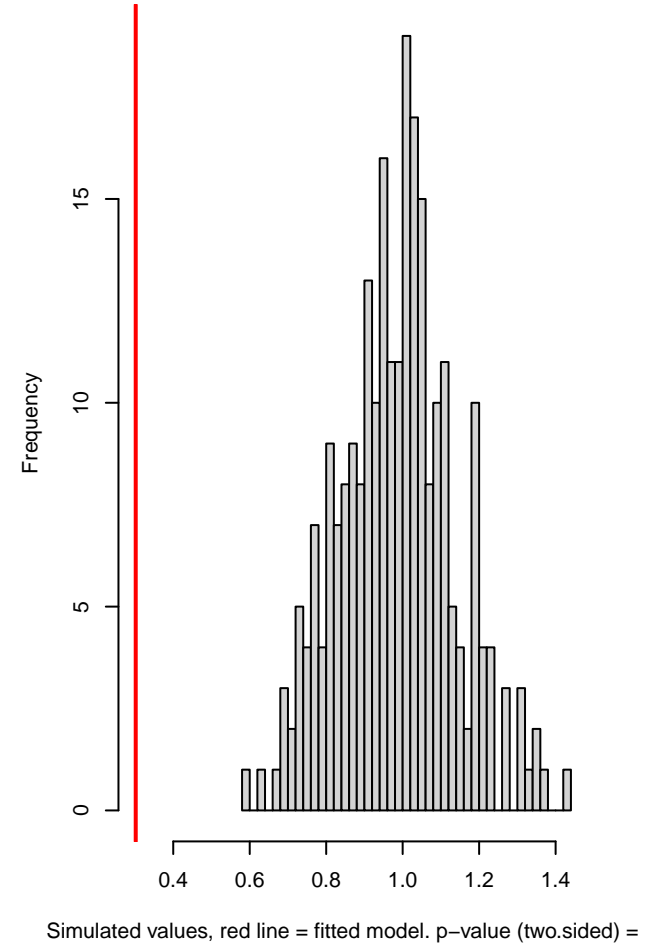
QQ plot residuals



Residual vs. predicted

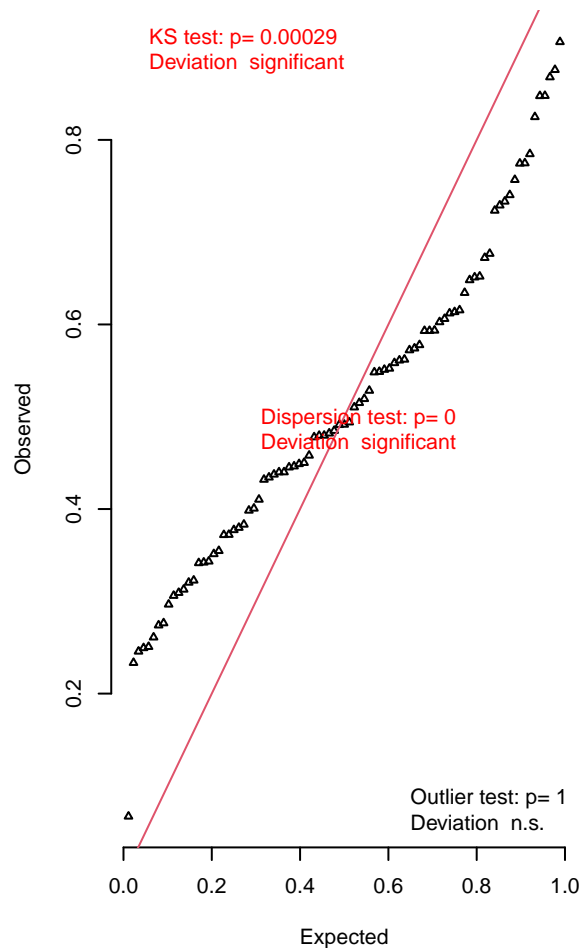


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

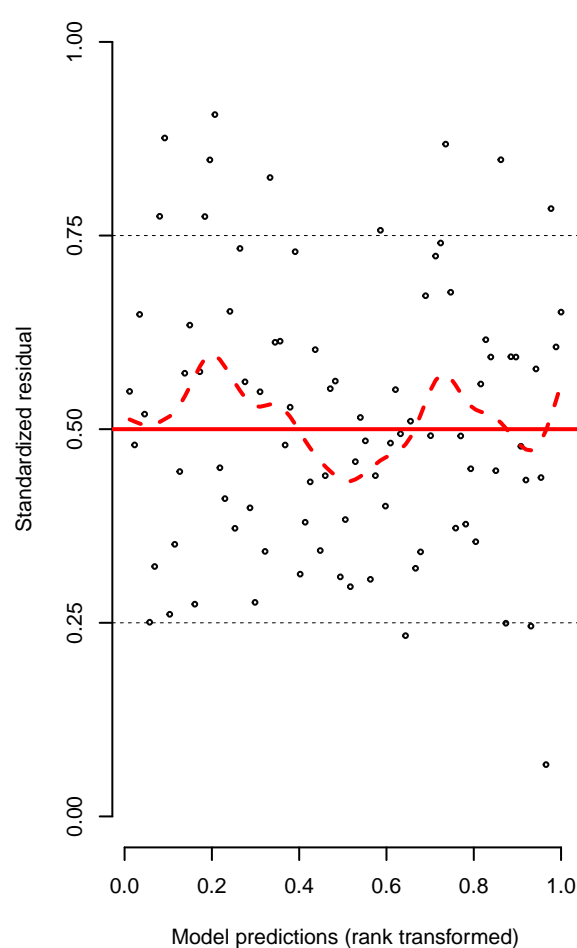


nsp ~ intercept + area_std + fish1 + temp_std + time_convert_std

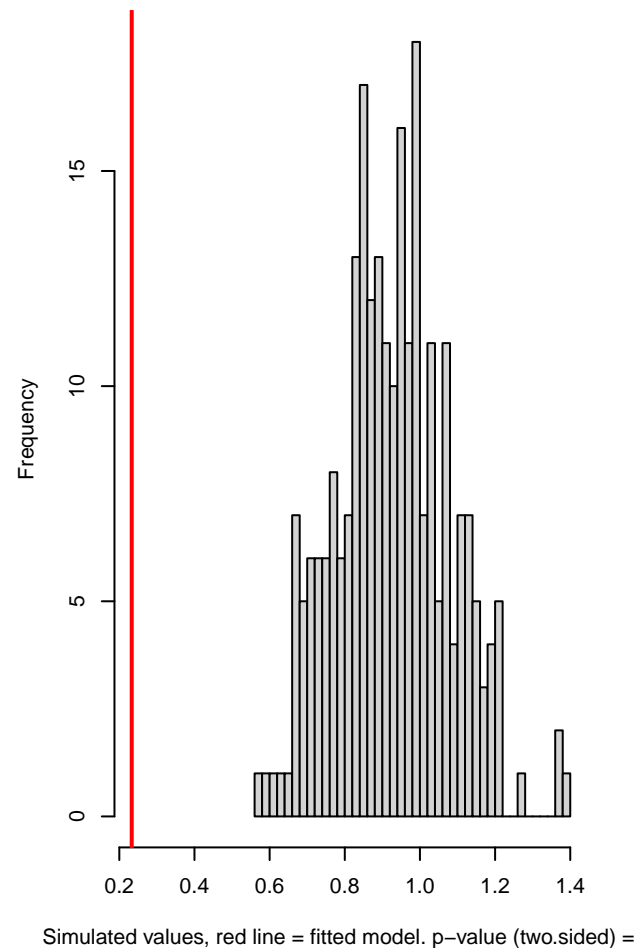
QQ plot residuals



Residual vs. predicted

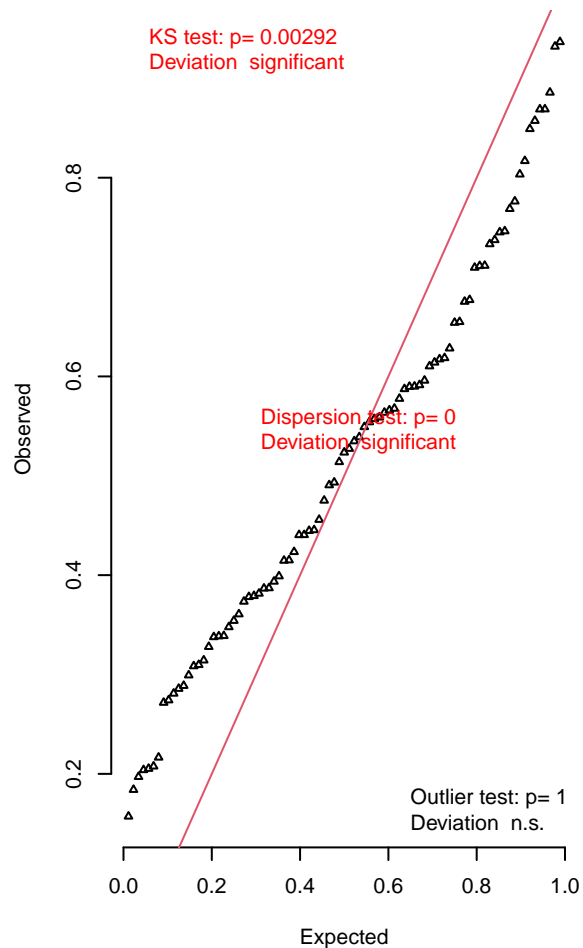


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

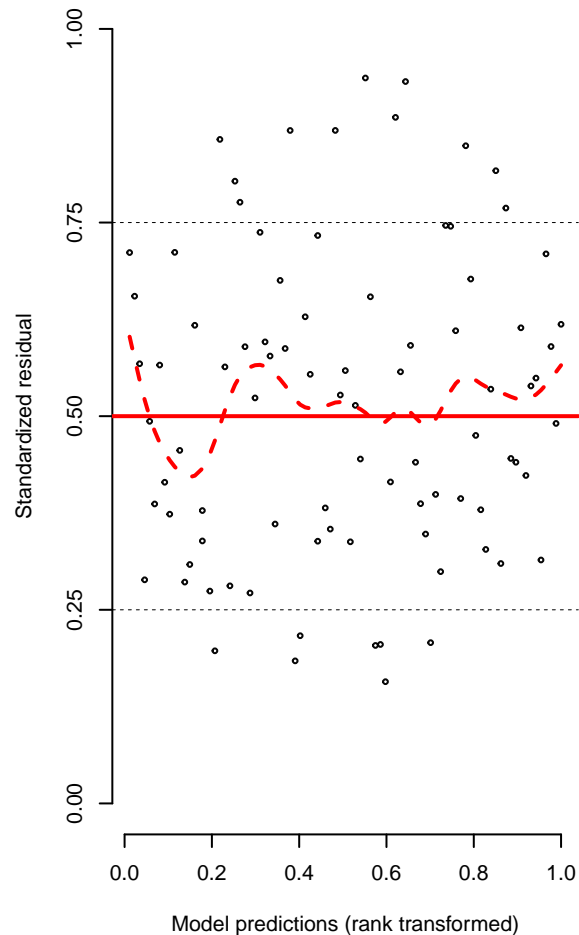


nsp ~ intercept + temp_std + time_convert_std

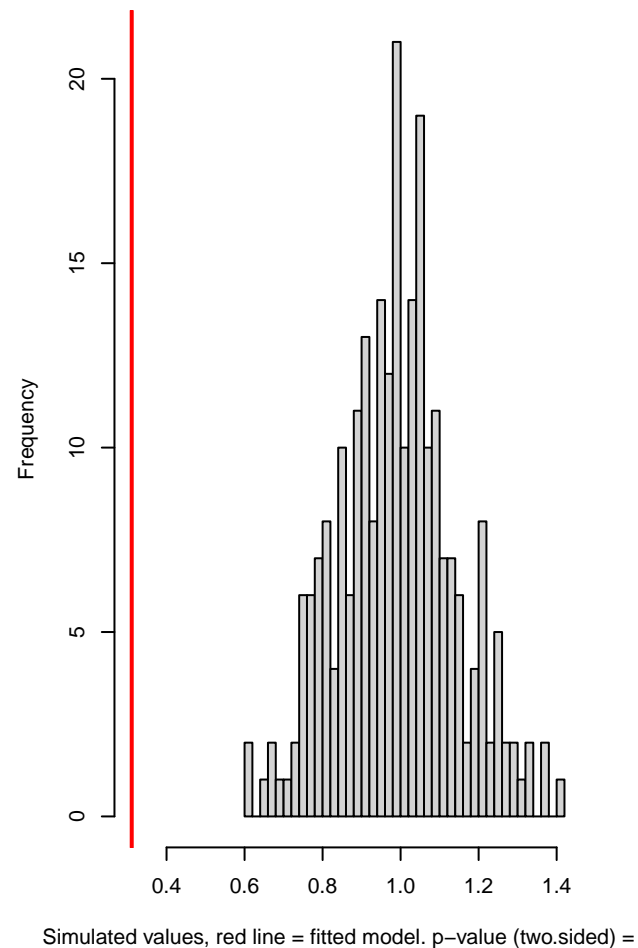
QQ plot residuals



Residual vs. predicted

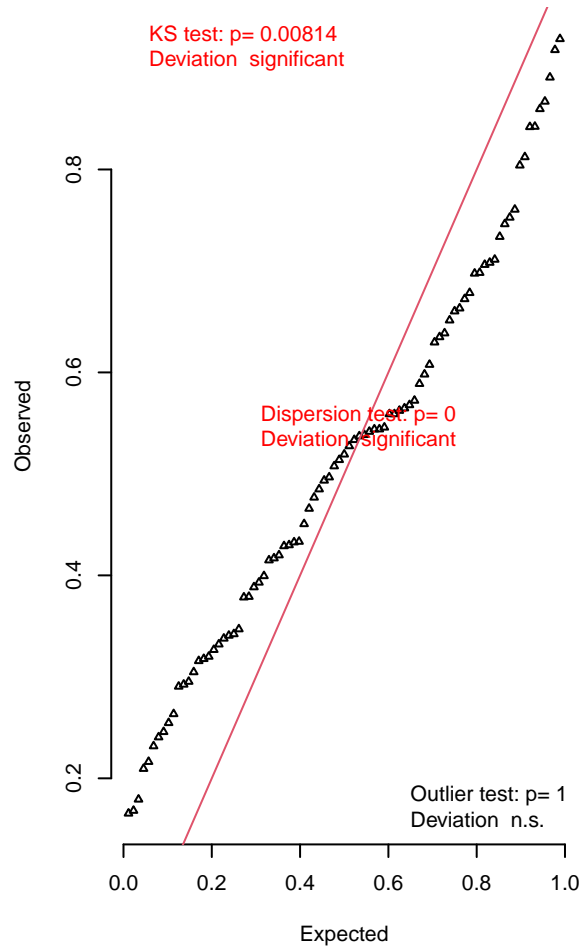


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

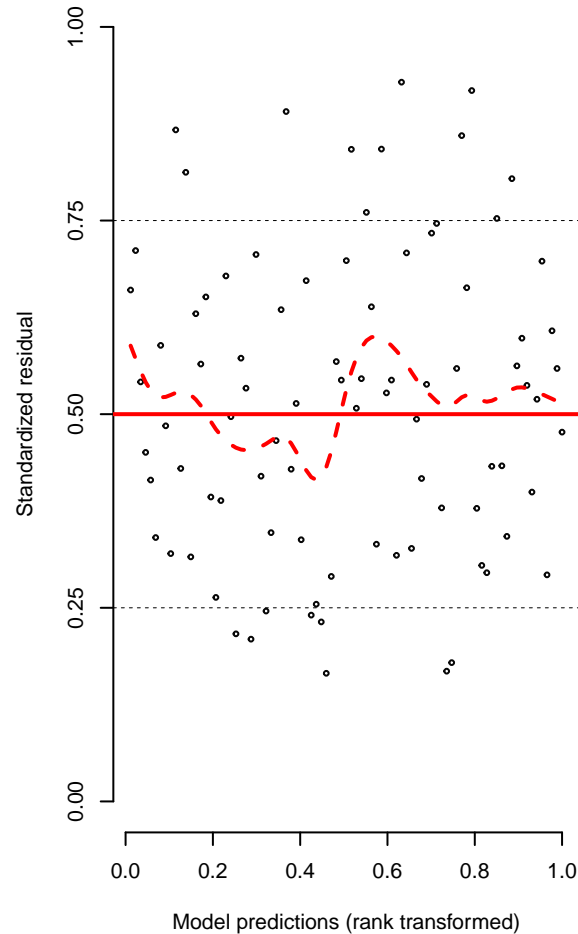


nsp ~ intercept + fish1 + temp_std + time_convert_std

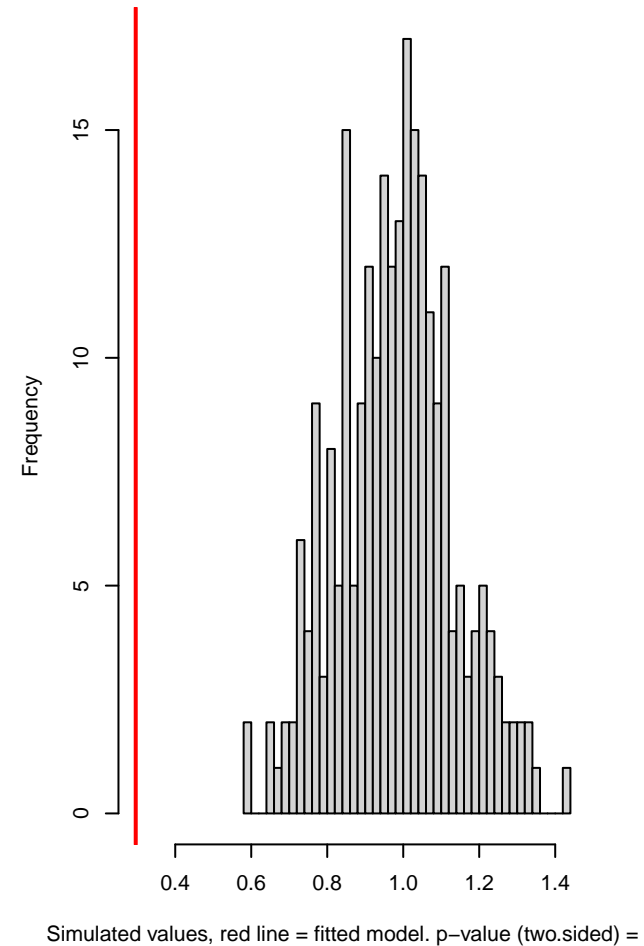
QQ plot residuals



Residual vs. predicted

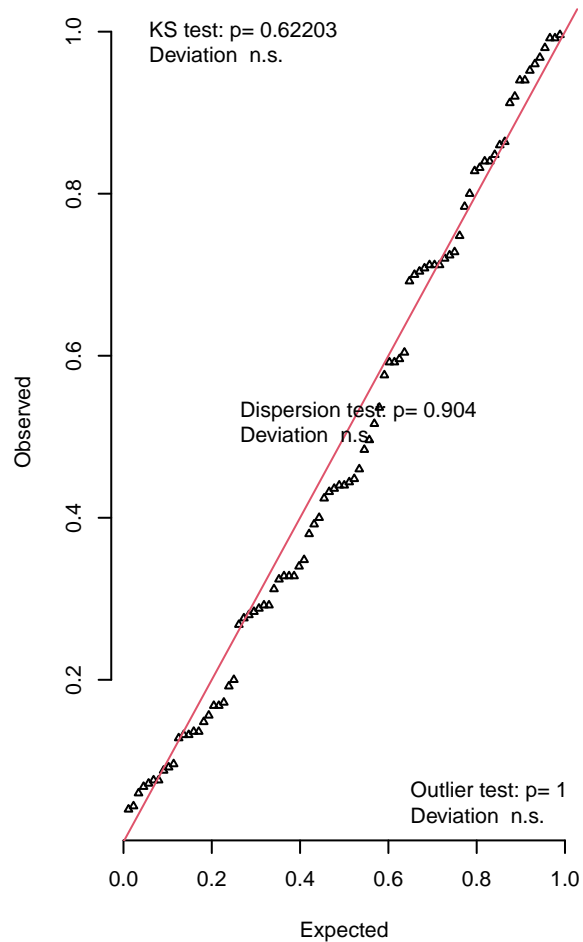


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

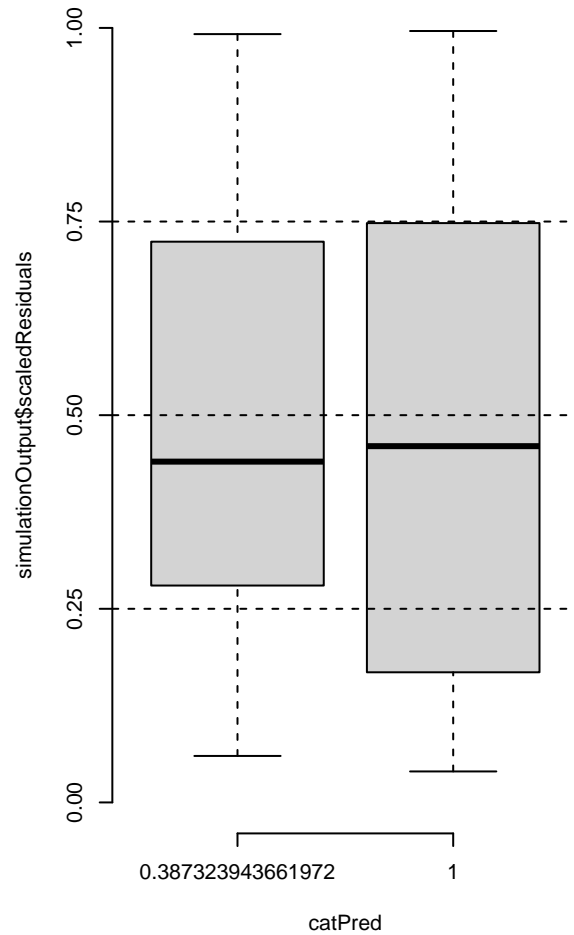


qDTM ~ intercept + fish1

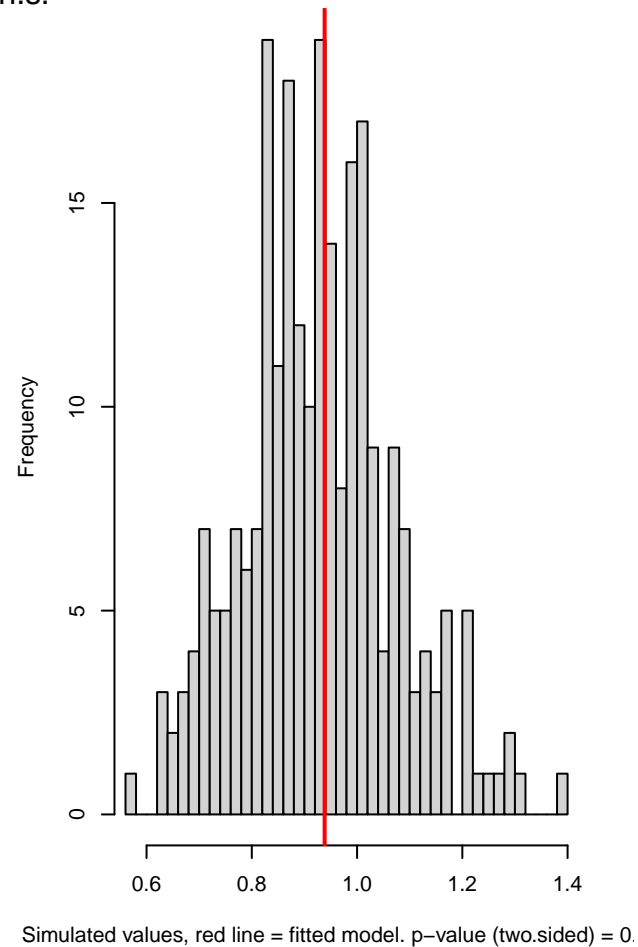
QQ plot residuals



Within-group deviation from uniformity n.s.
Levene Test for homogeneity of variance n.s.

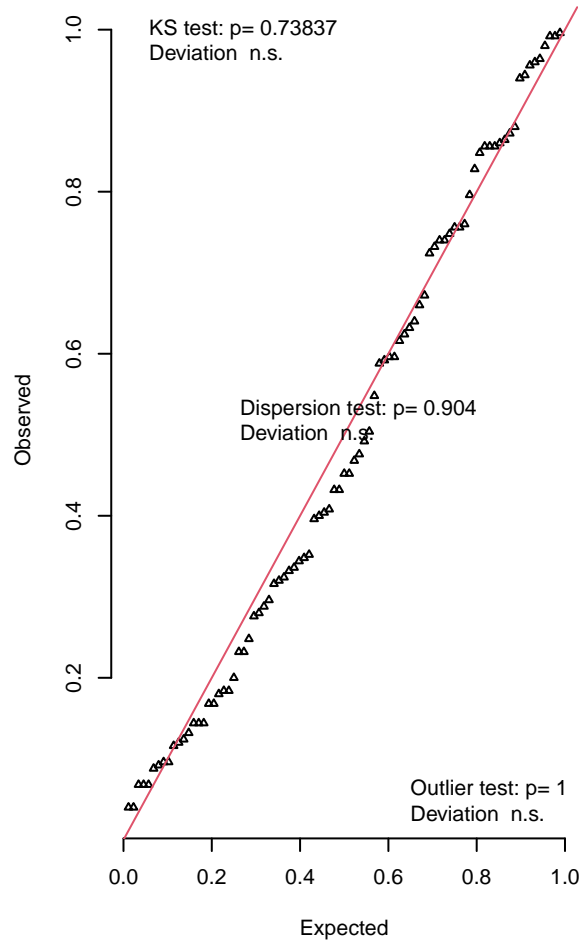


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

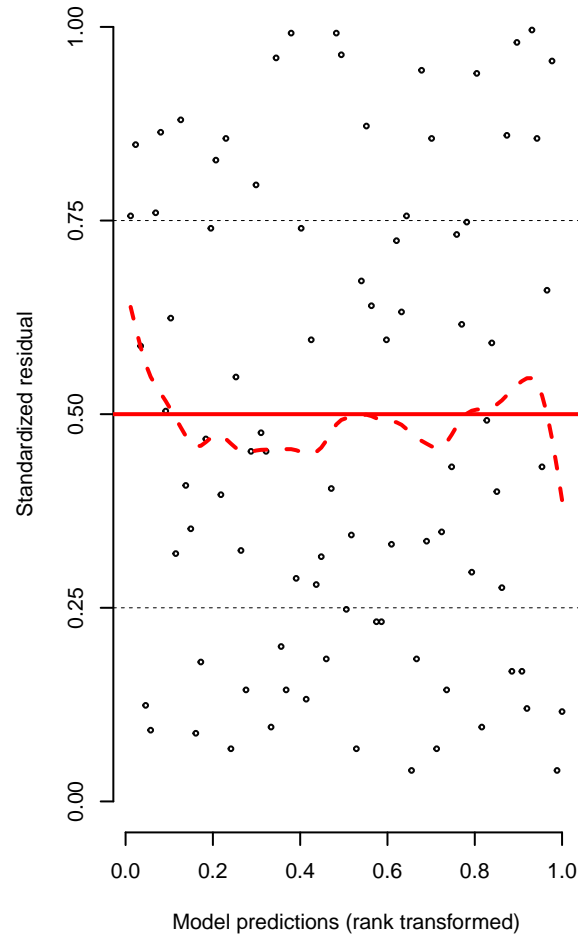


qDTM ~ intercept + area_std + fish1

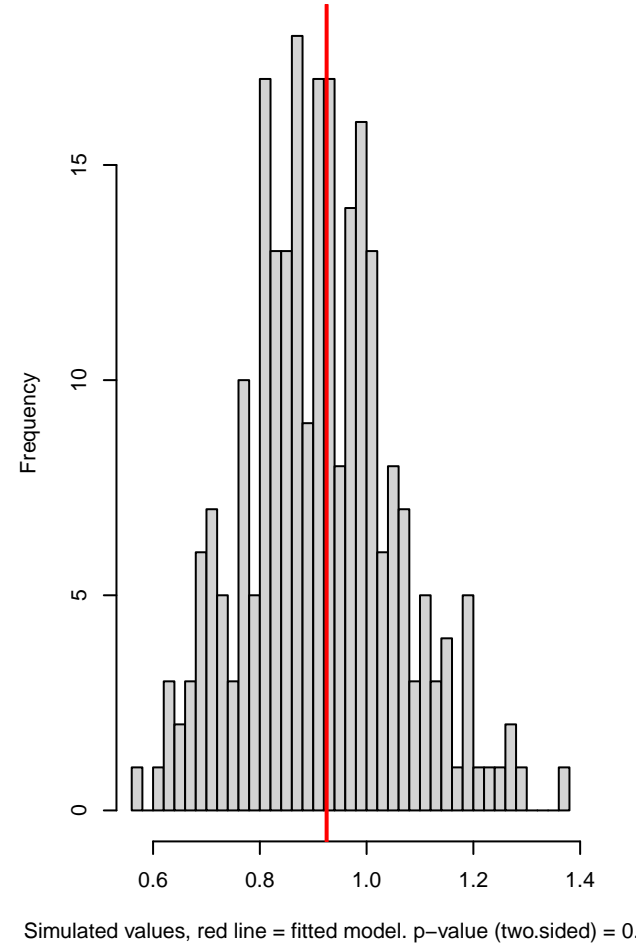
QQ plot residuals



Residual vs. predicted

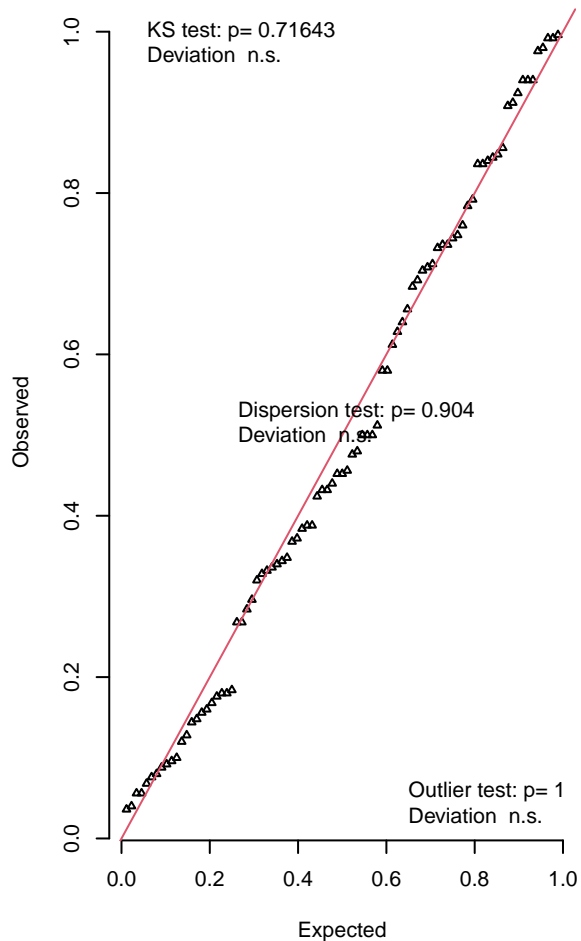


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

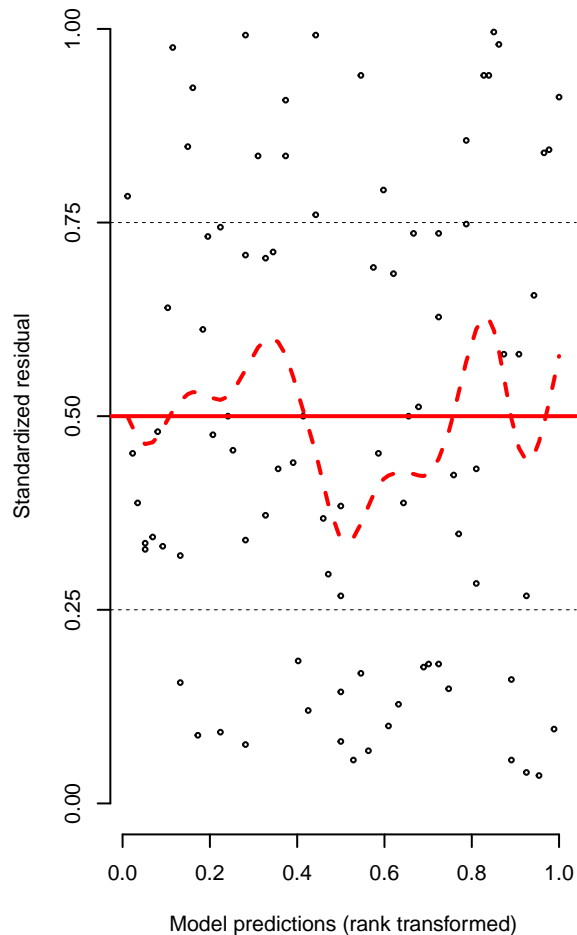


qDTM ~ intercept + fish1 + temp_std

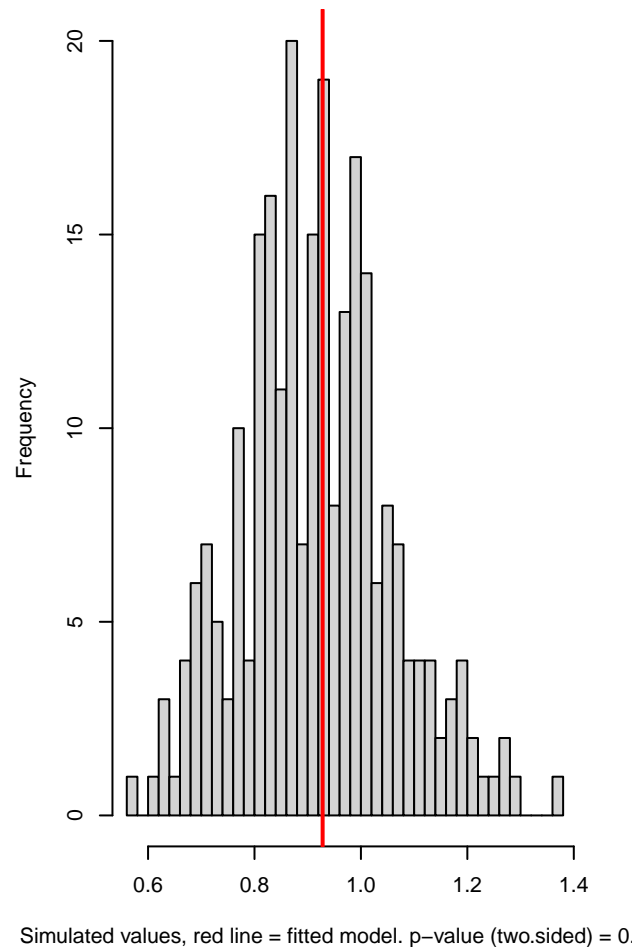
QQ plot residuals



Residual vs. predicted

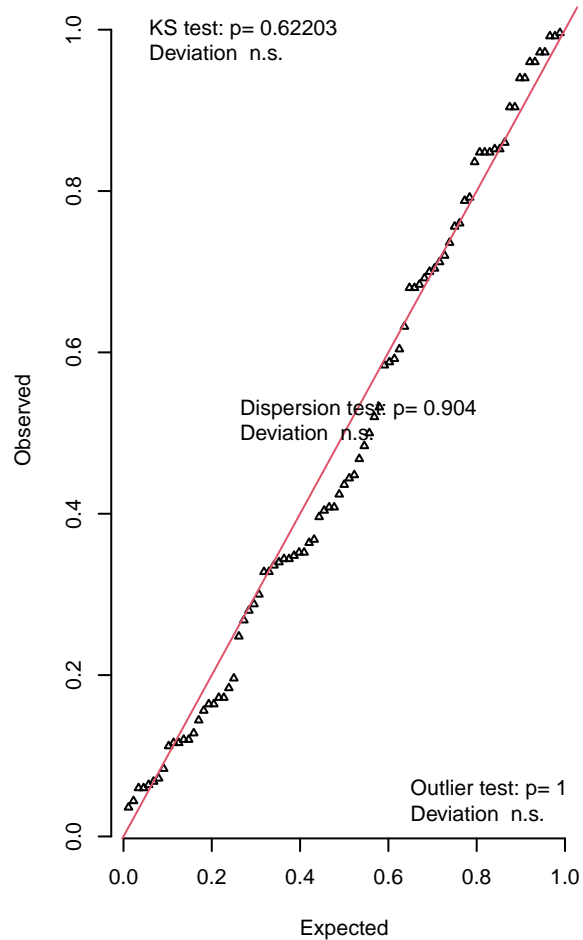


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

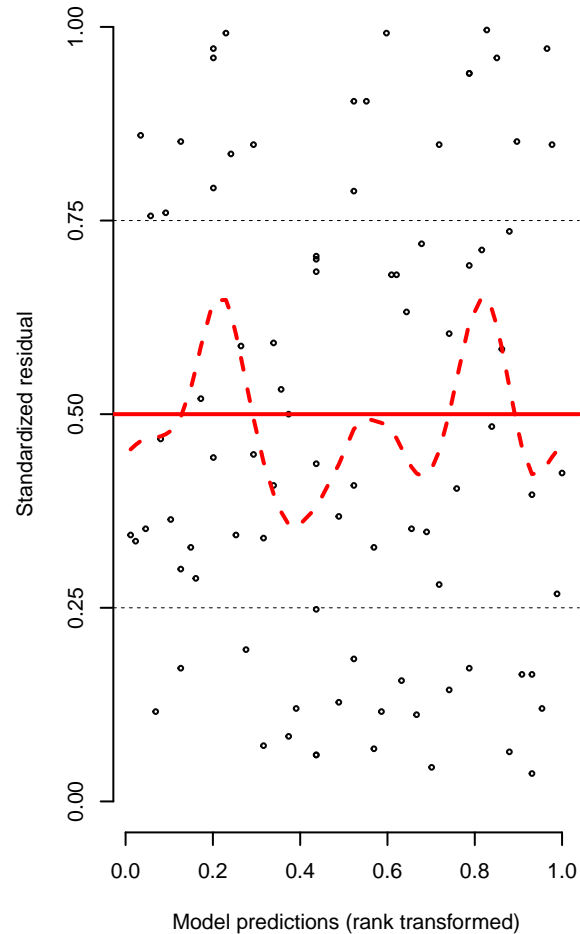


qDTM ~ intercept + fish1 + time_convert_std

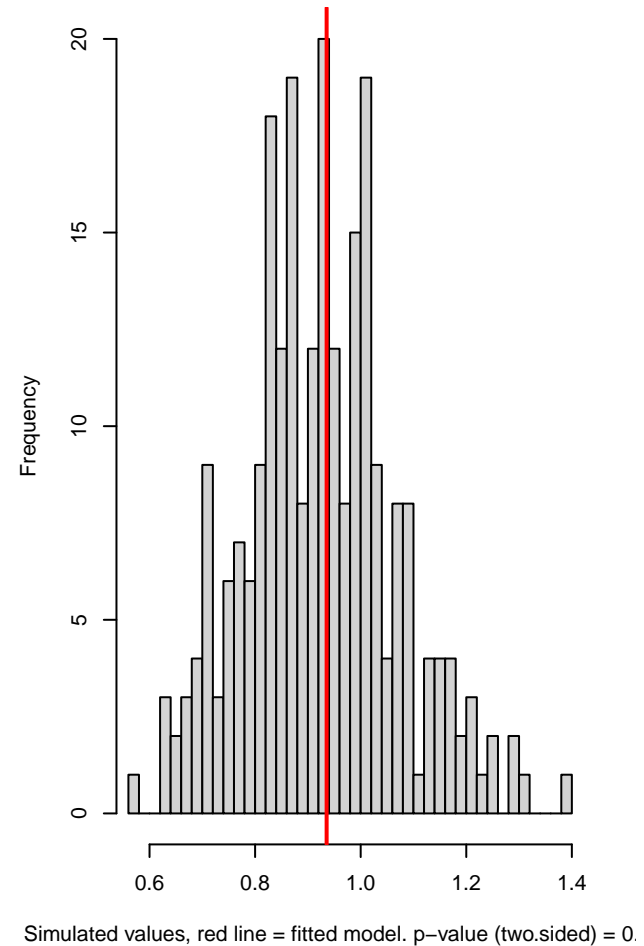
QQ plot residuals



Residual vs. predicted

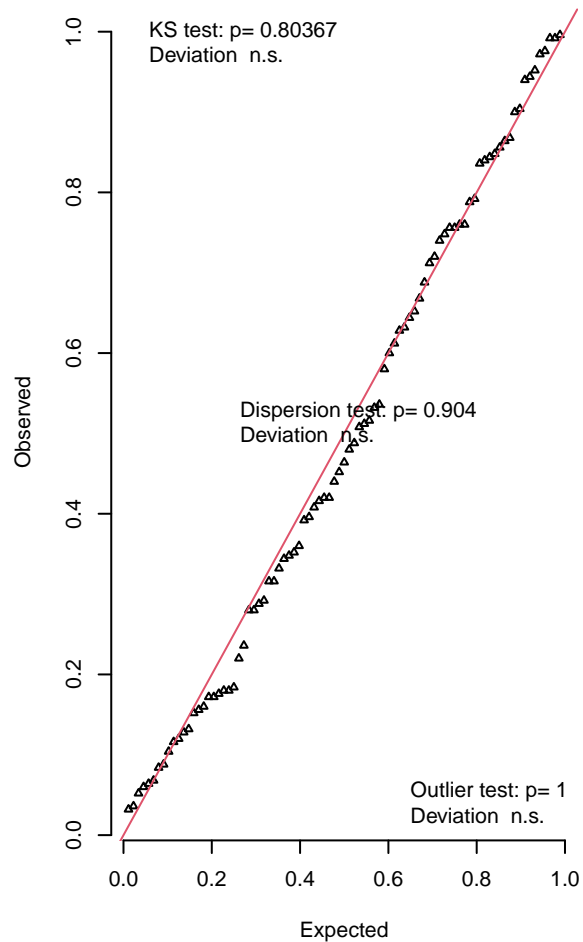


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

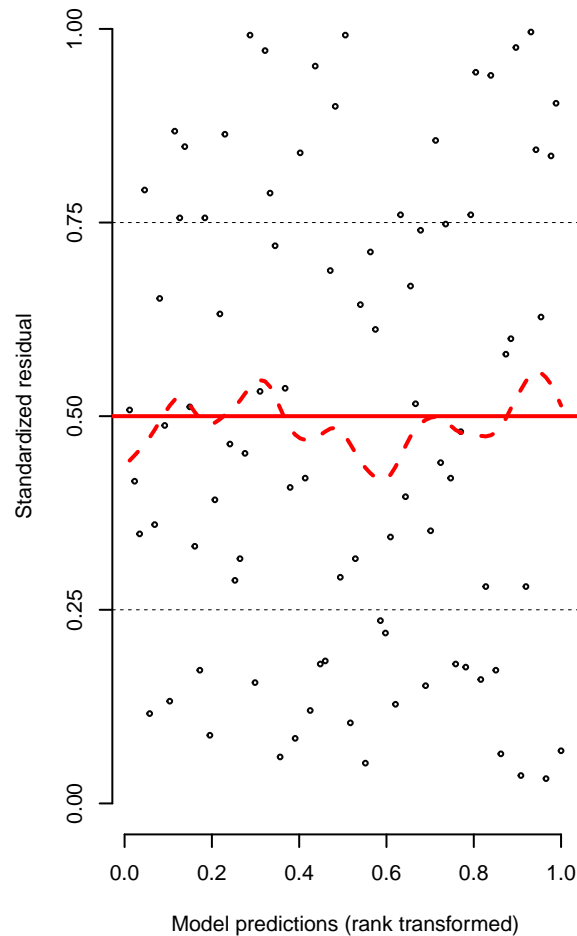


qDTM ~ intercept + area_std + fish1 + temp_std

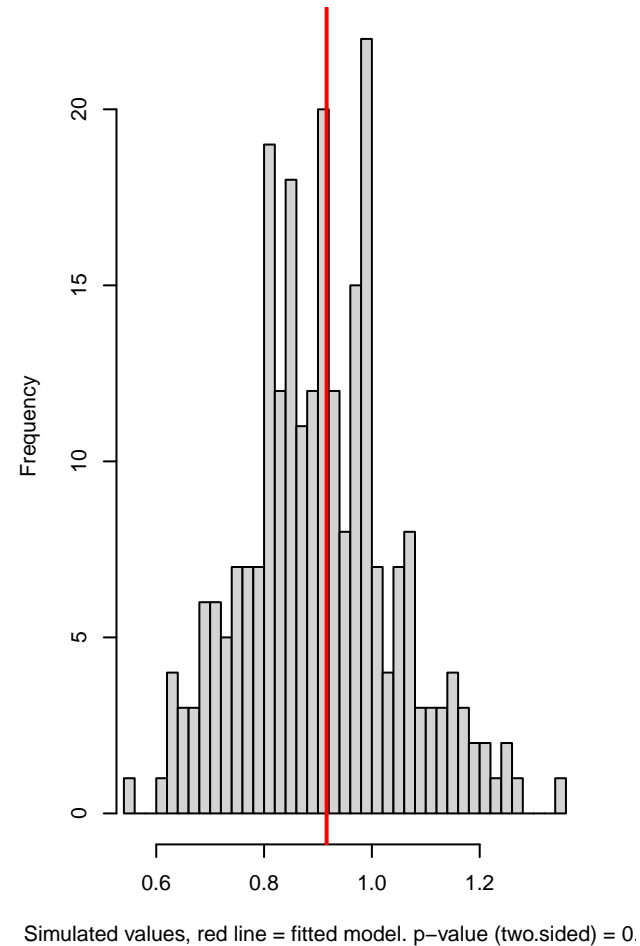
QQ plot residuals



Residual vs. predicted

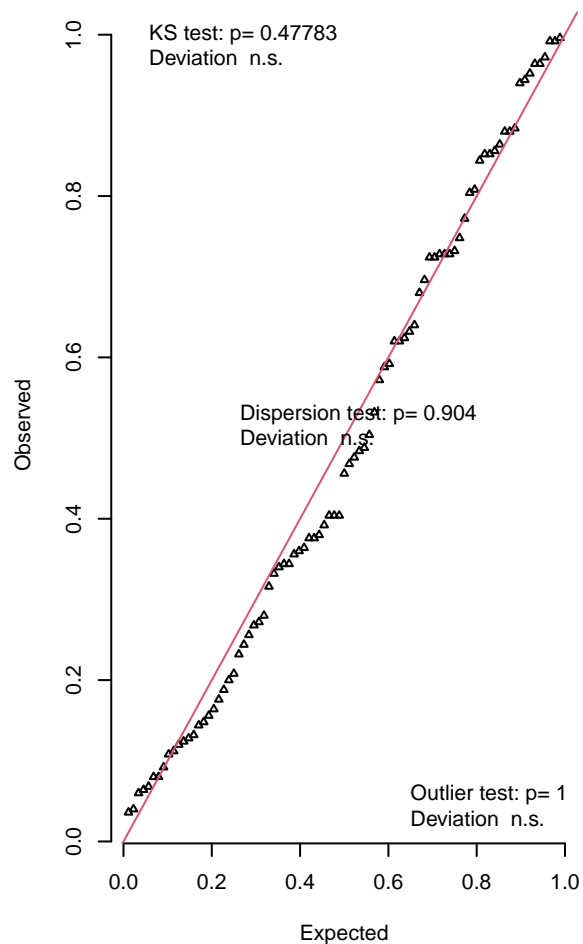


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

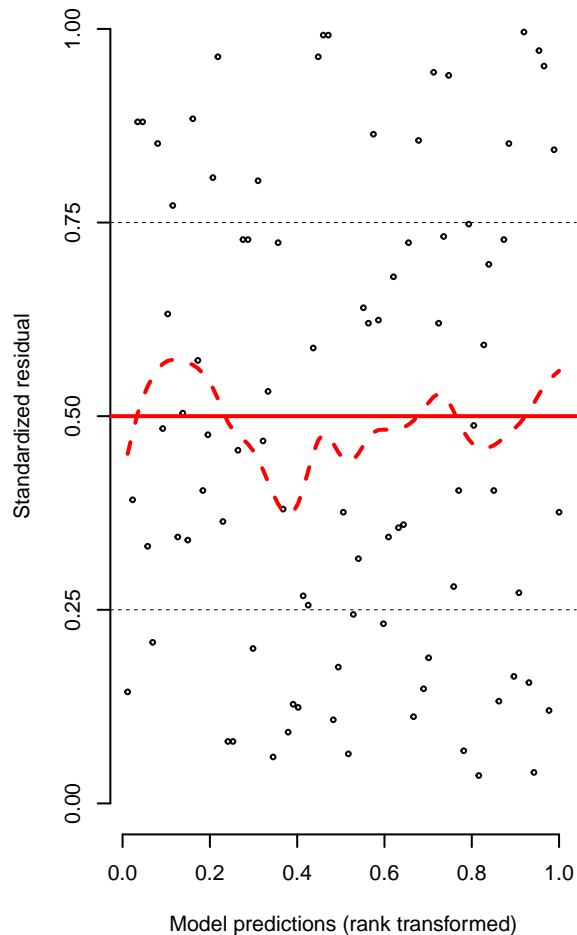


qDTM ~ intercept + area_std + fish1 + time_convert_std

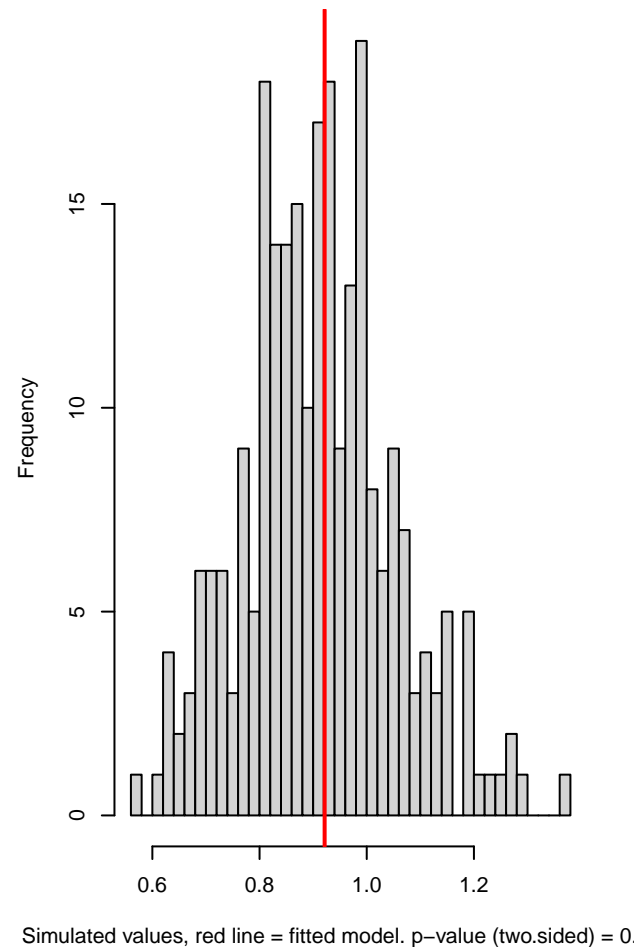
QQ plot residuals



Residual vs. predicted

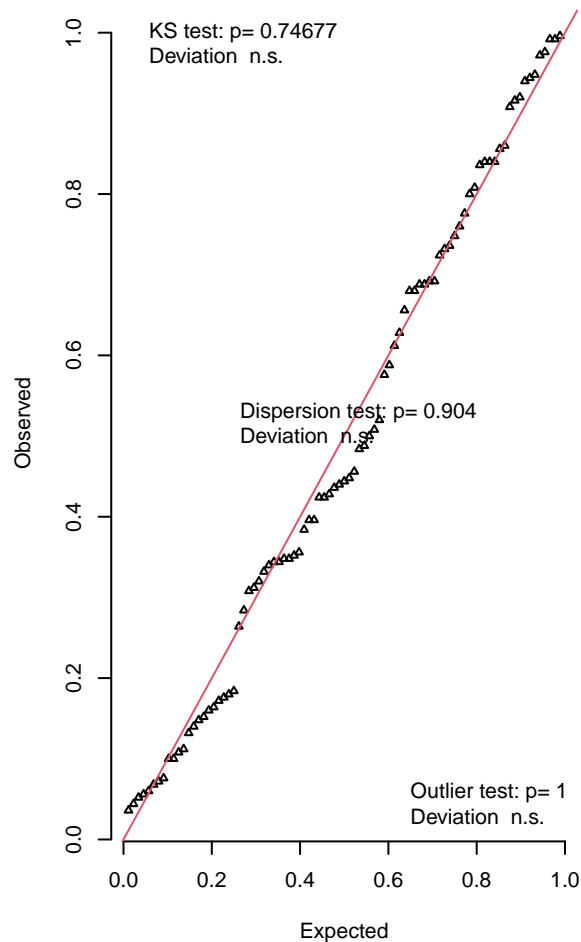


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

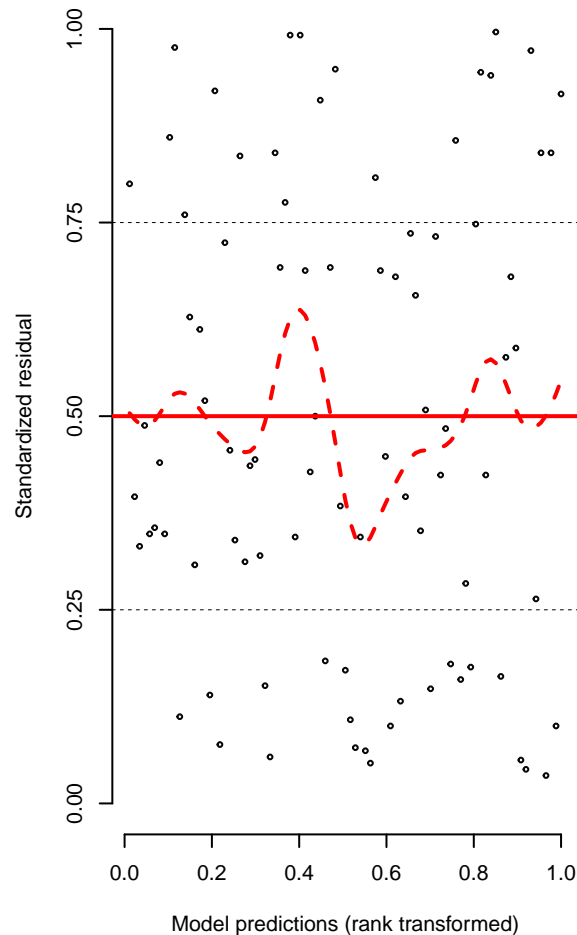


qDTM ~ intercept + fish1 + temp_std + time_convert_std

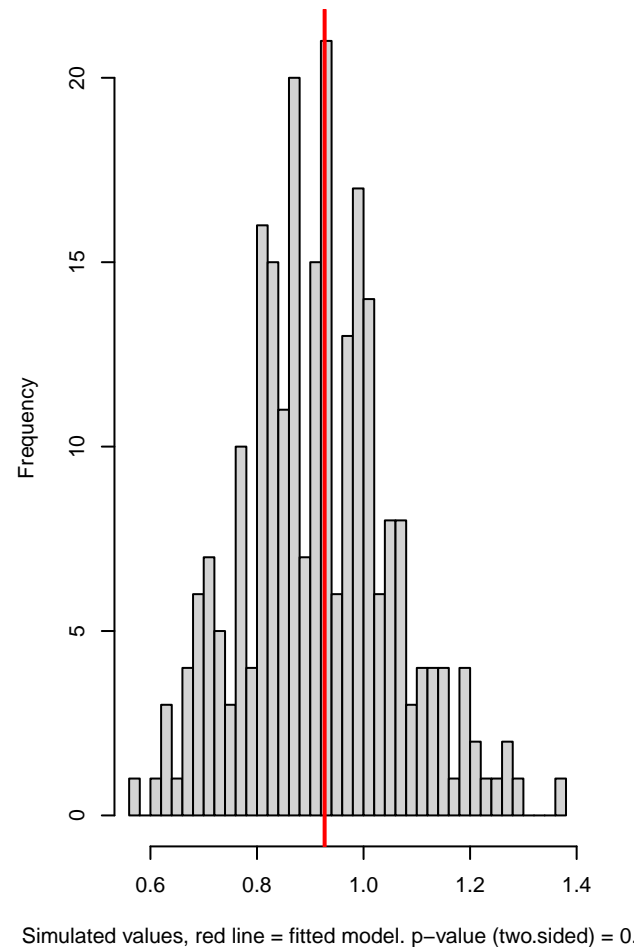
QQ plot residuals



Residual vs. predicted

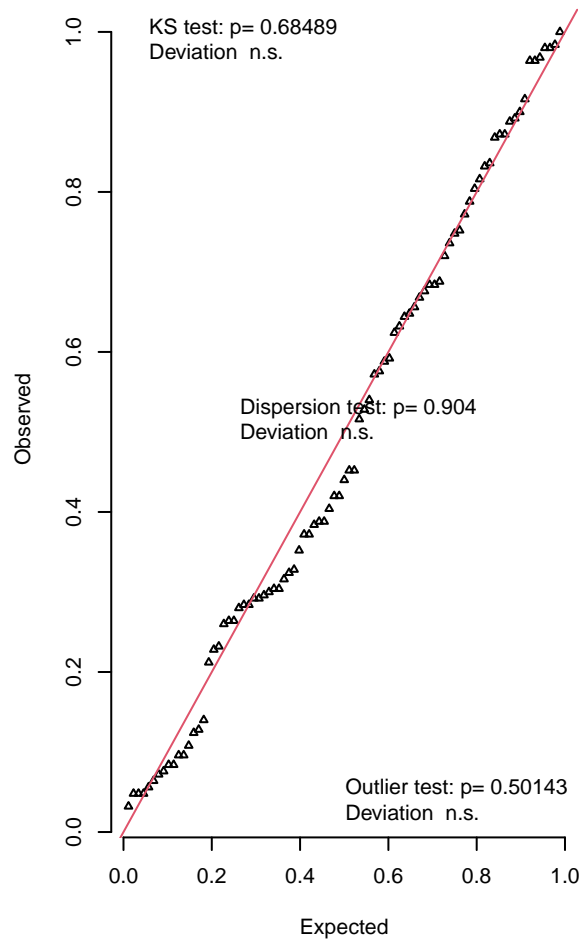


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

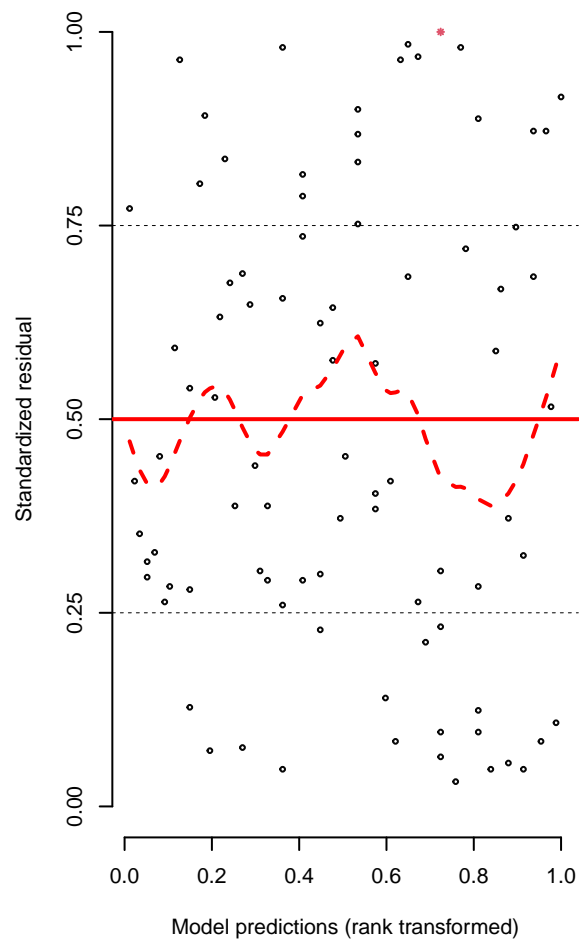


qDTM ~ intercept + temp_std

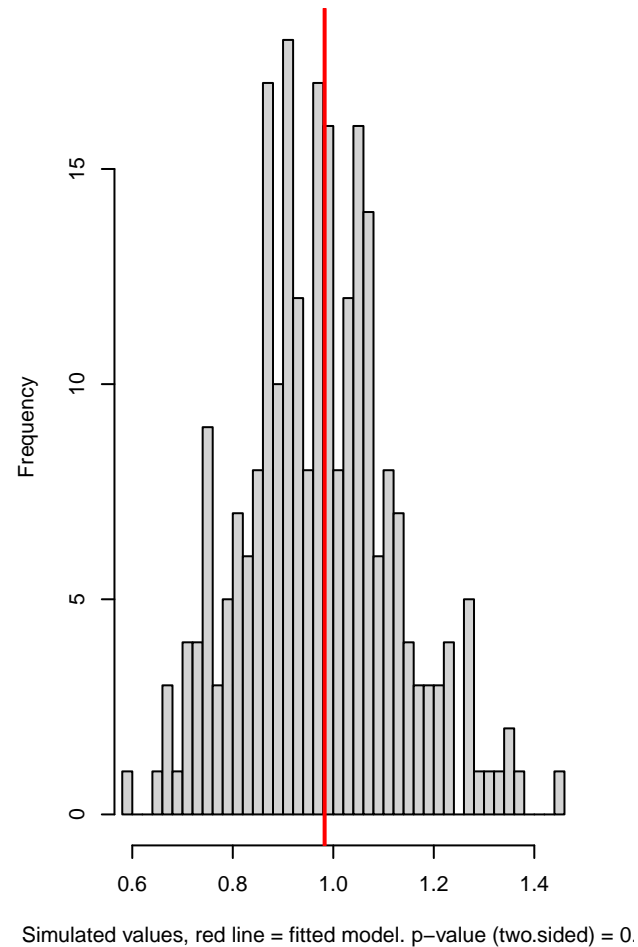
QQ plot residuals



Residual vs. predicted

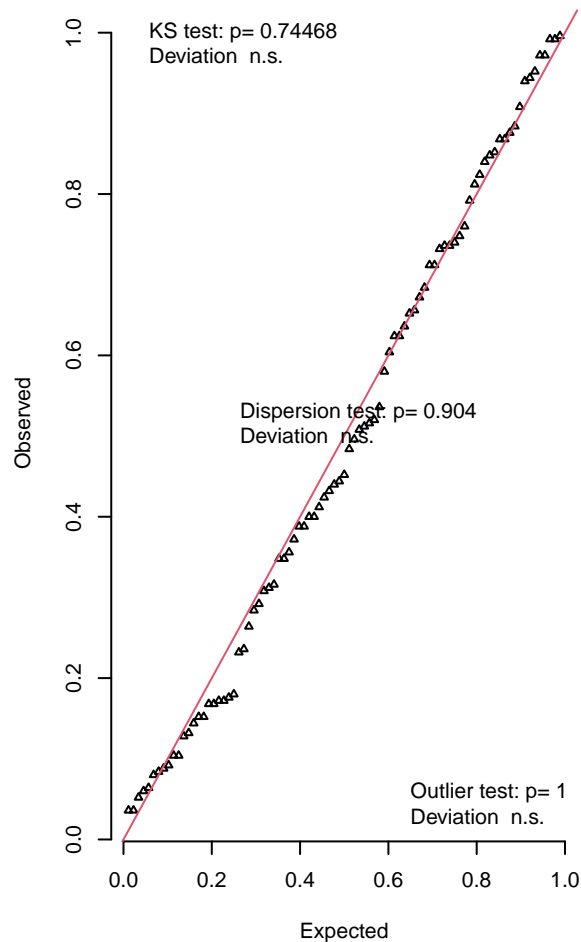


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

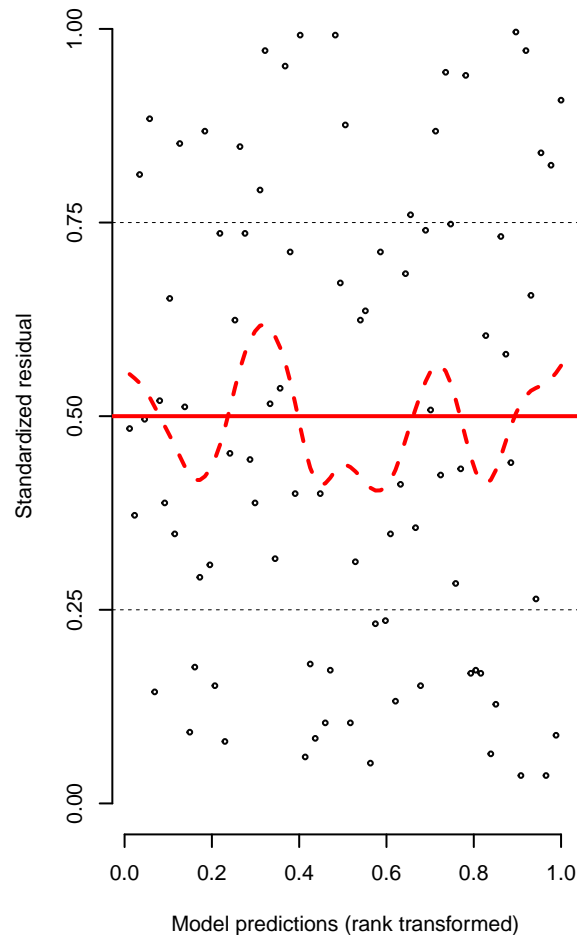


qDTM ~ intercept + area_std + fish1 + temp_std + time_convert_std

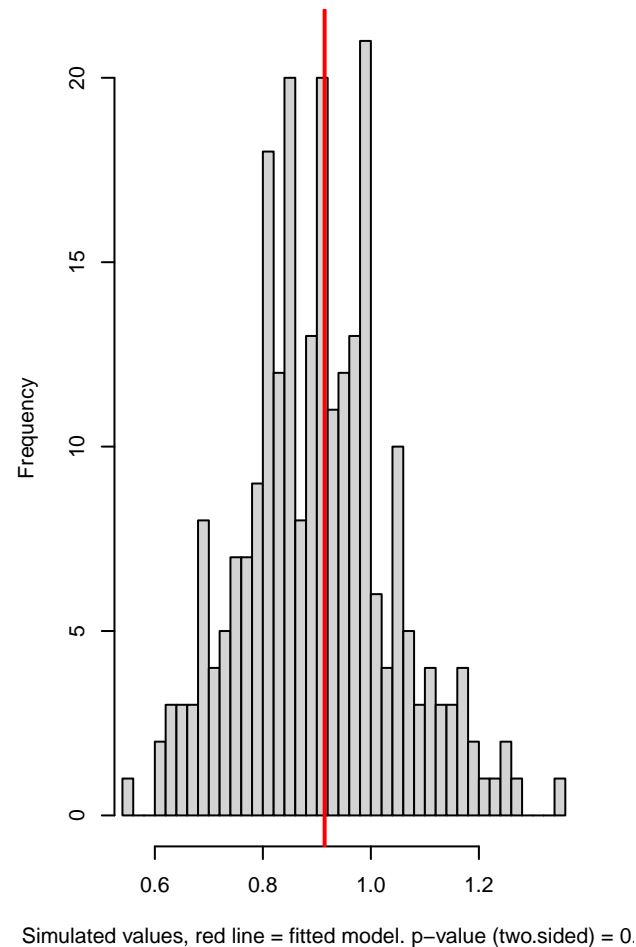
QQ plot residuals



Residual vs. predicted

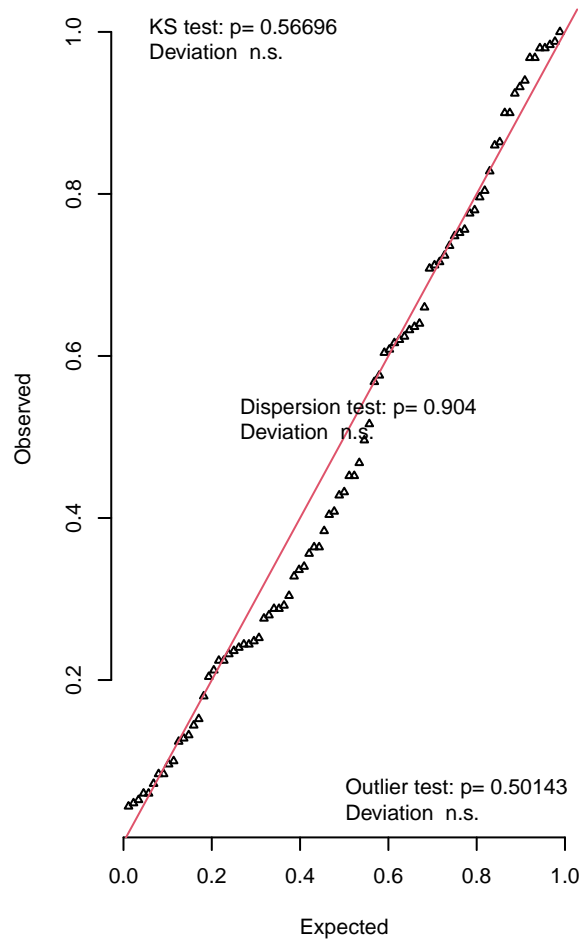


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

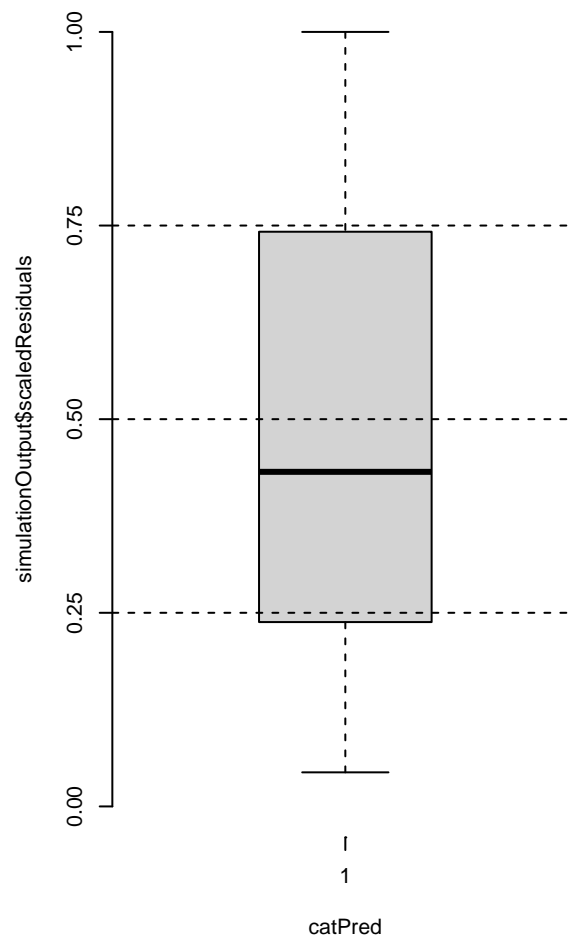


qDTM ~ intercept

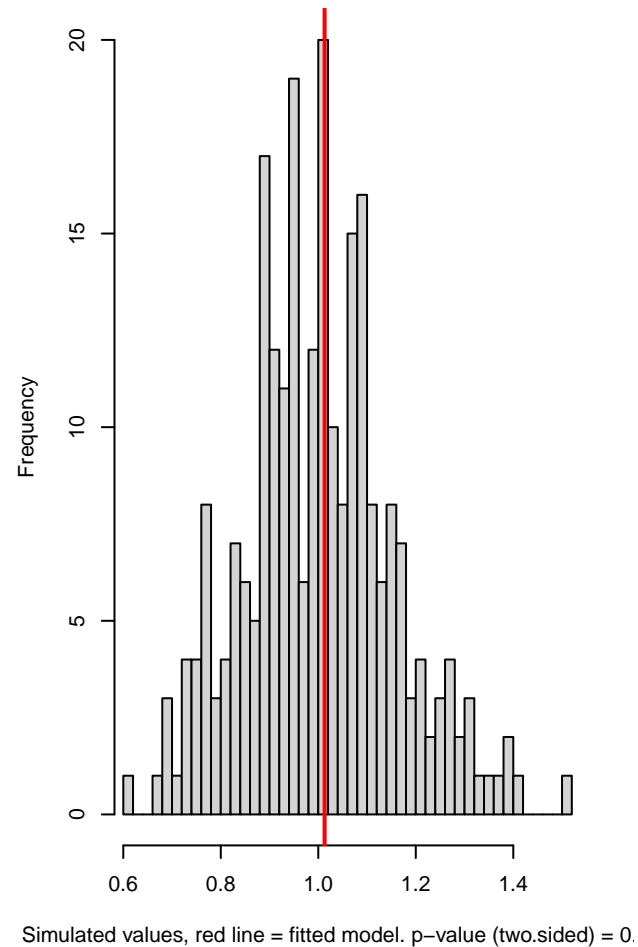
QQ plot residuals



Within-group deviation from uniformity n.s.

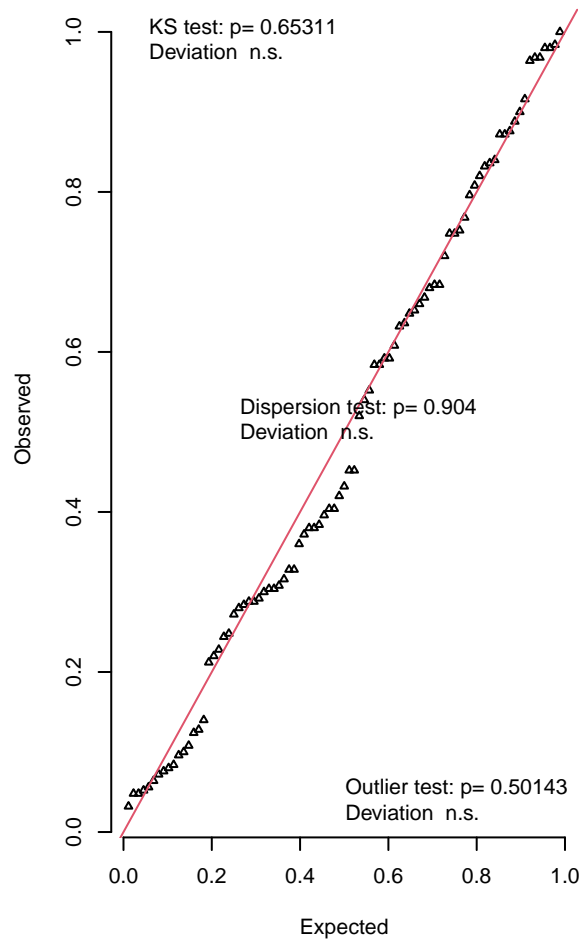


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

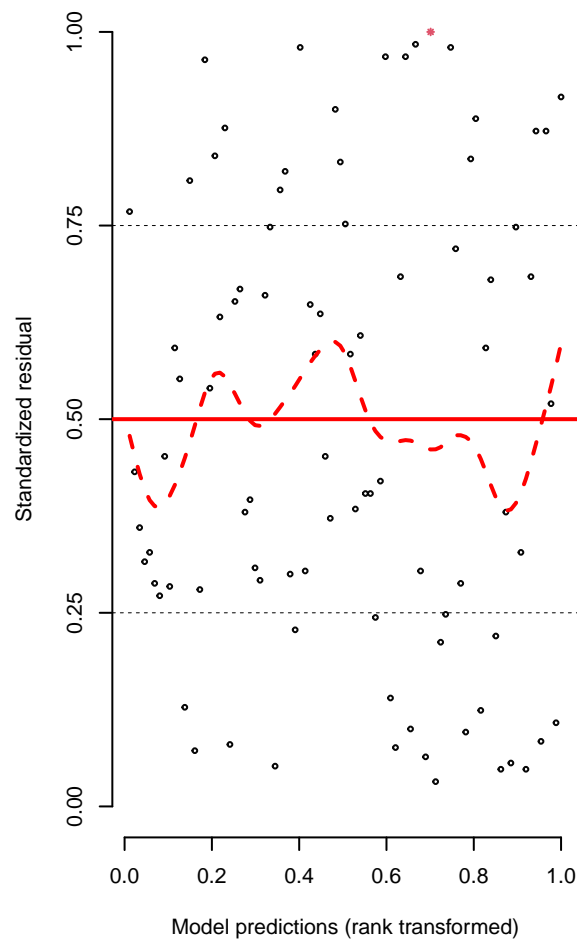


qDTM ~ intercept + area_std + temp_std

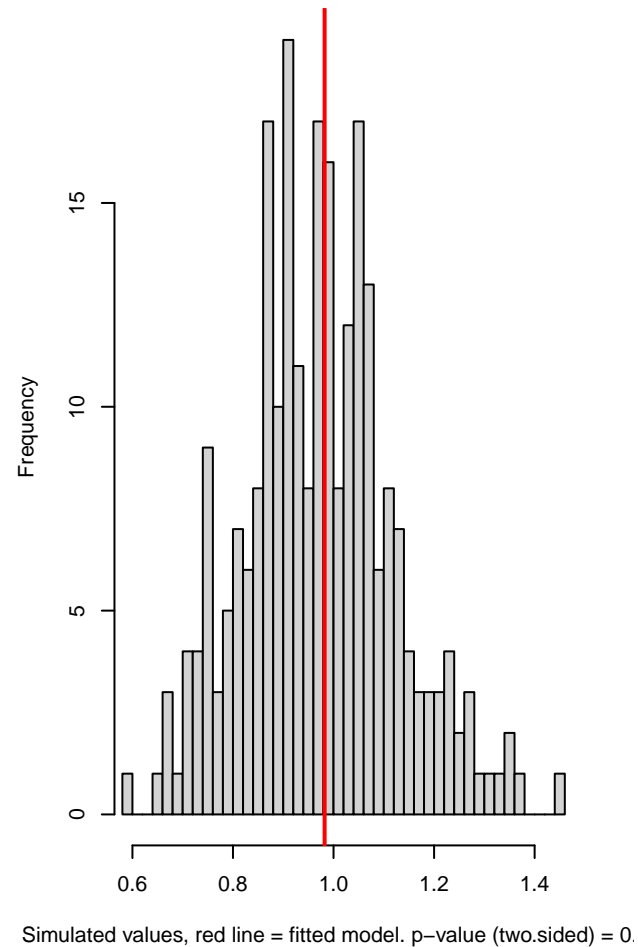
QQ plot residuals



Residual vs. predicted

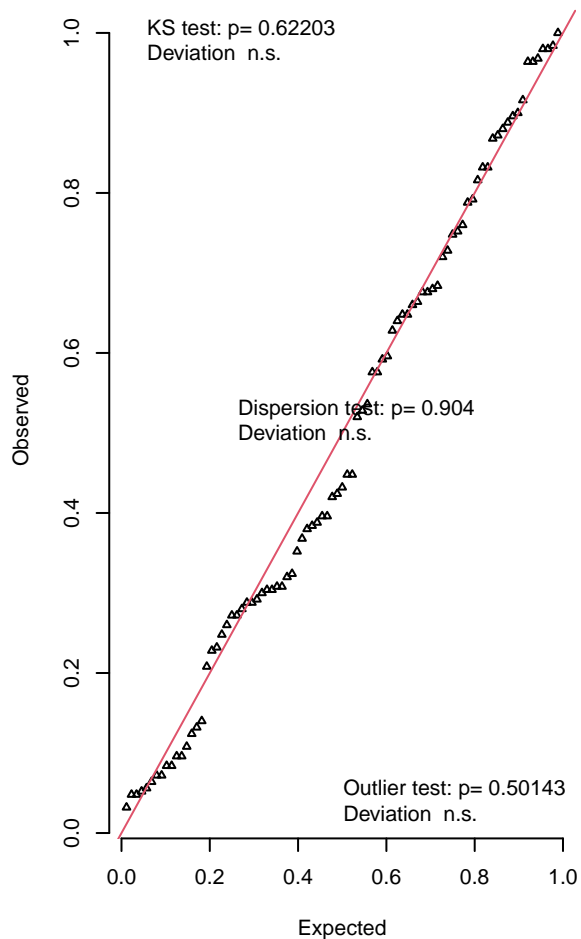


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

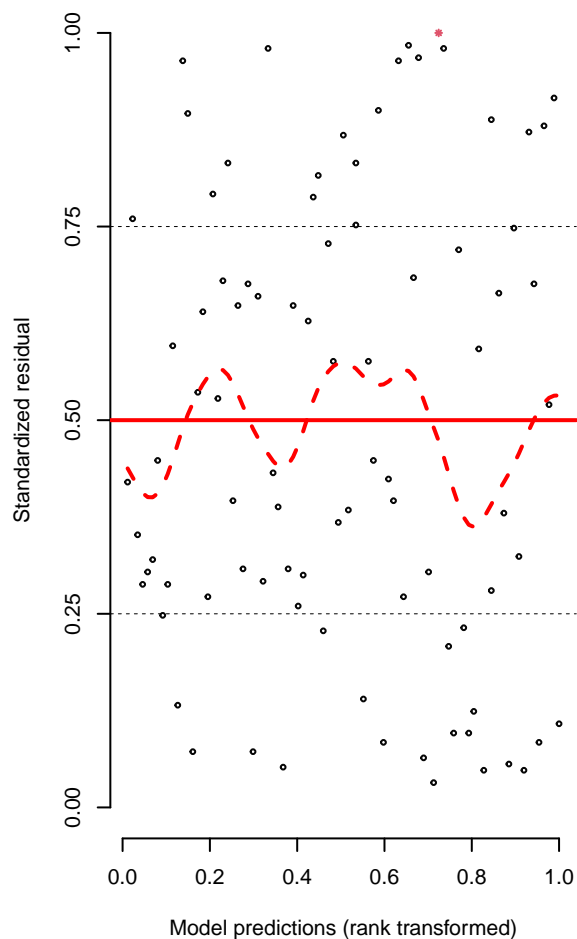


qDTM ~ intercept + temp_std + time_convert_std

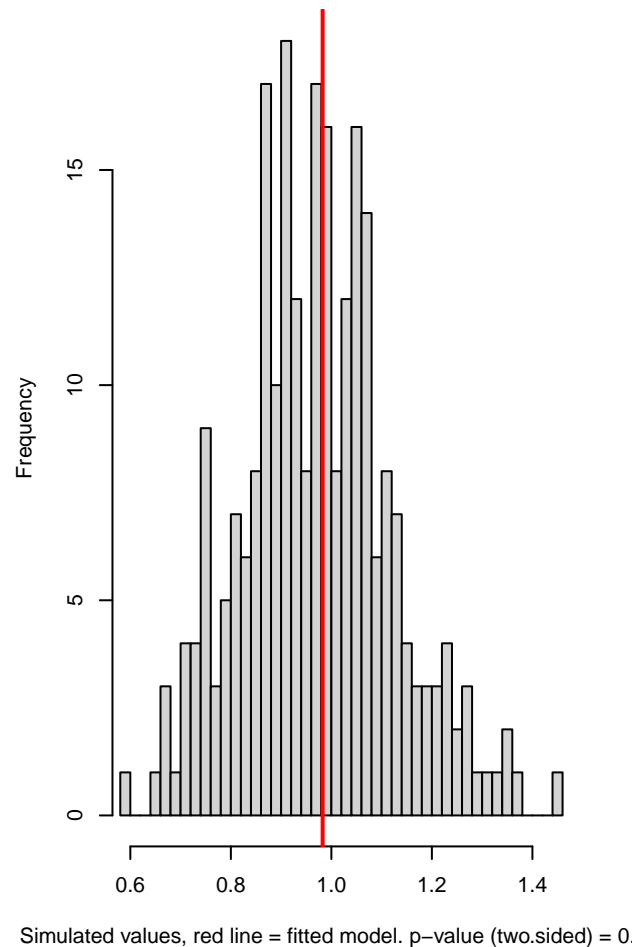
QQ plot residuals



Residual vs. predicted

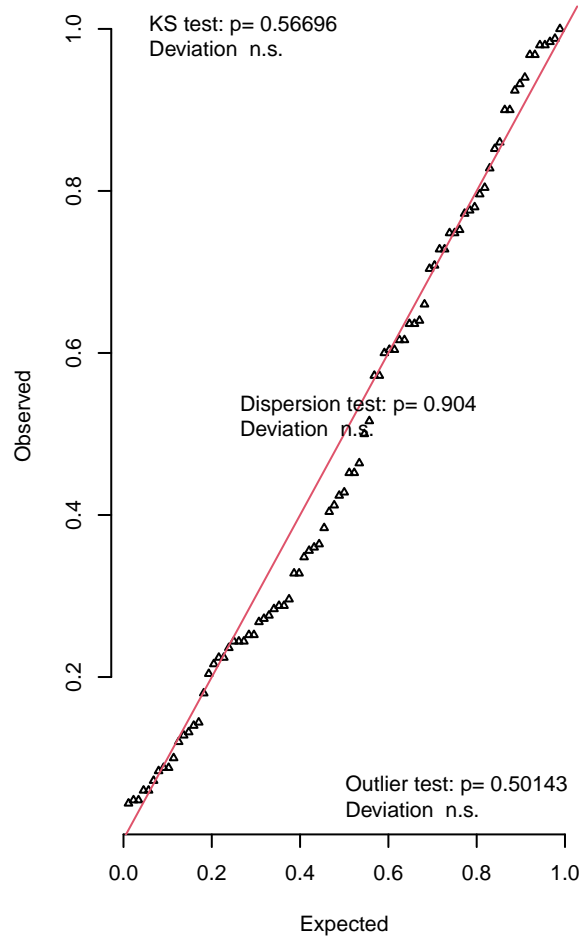


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

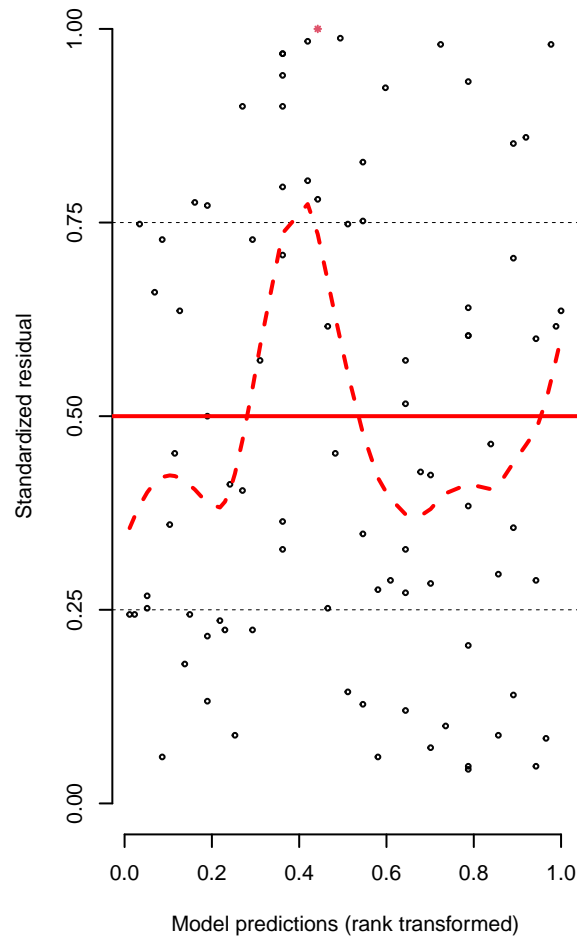


qDTM ~ intercept + time_convert_std

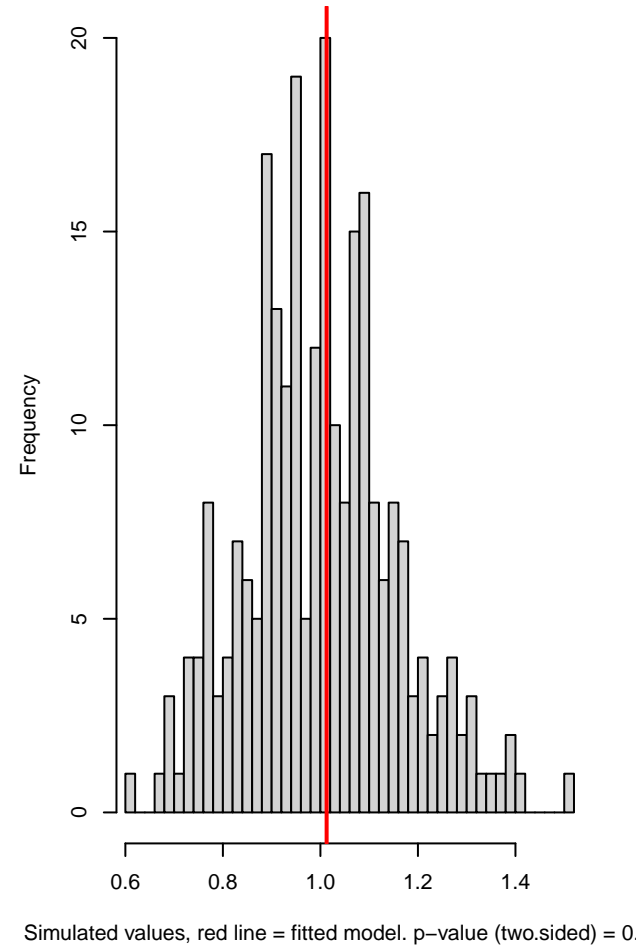
QQ plot residuals



Residual vs. predicted

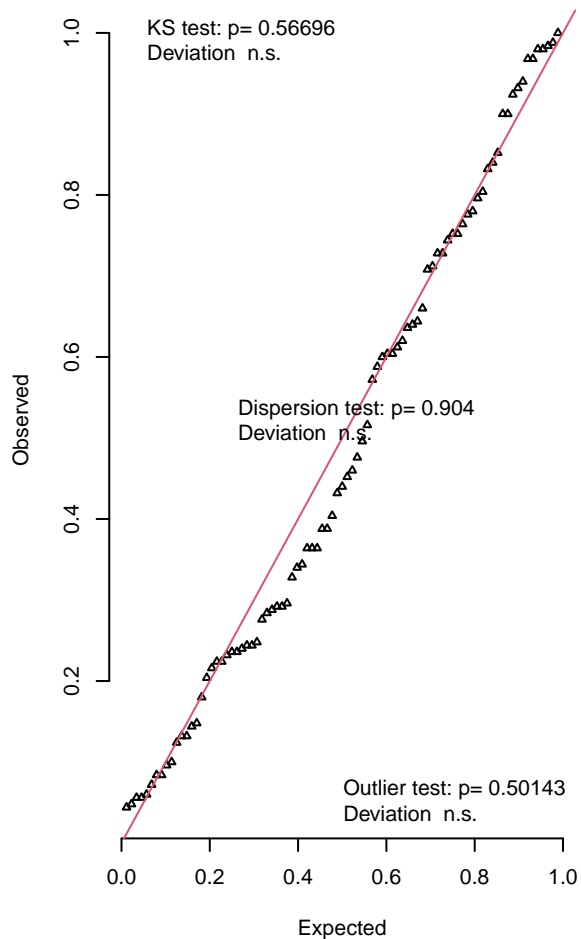


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

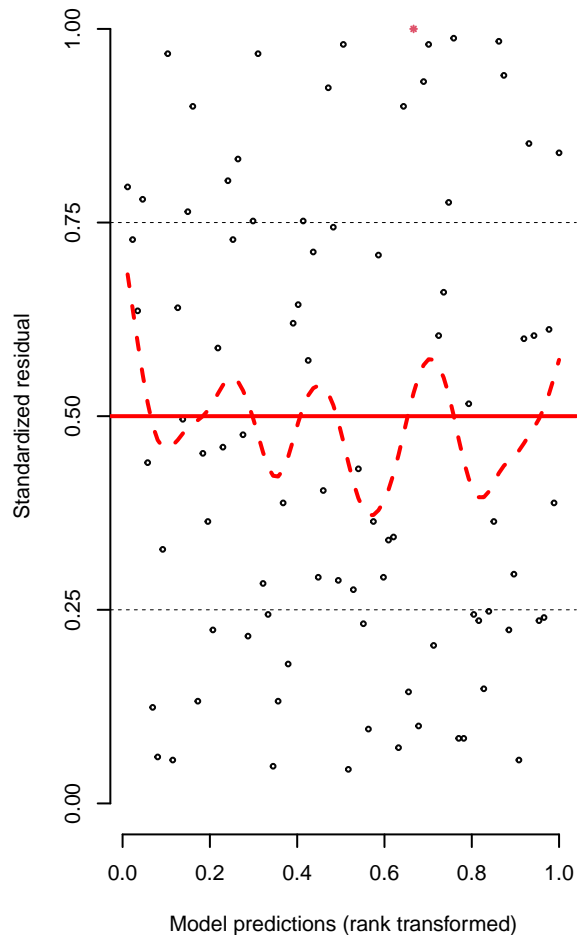


qDTM ~ intercept + area_std

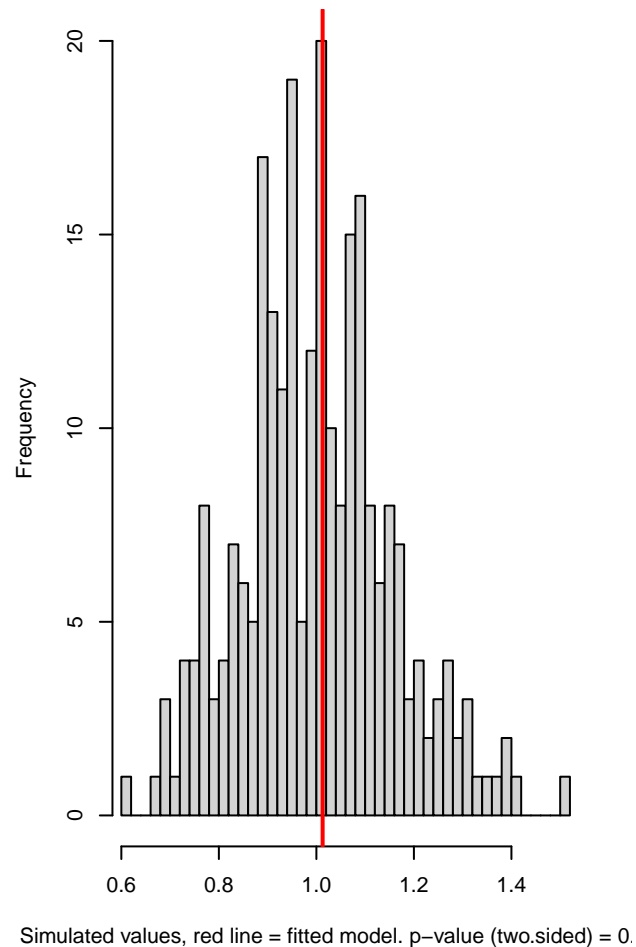
QQ plot residuals



Residual vs. predicted

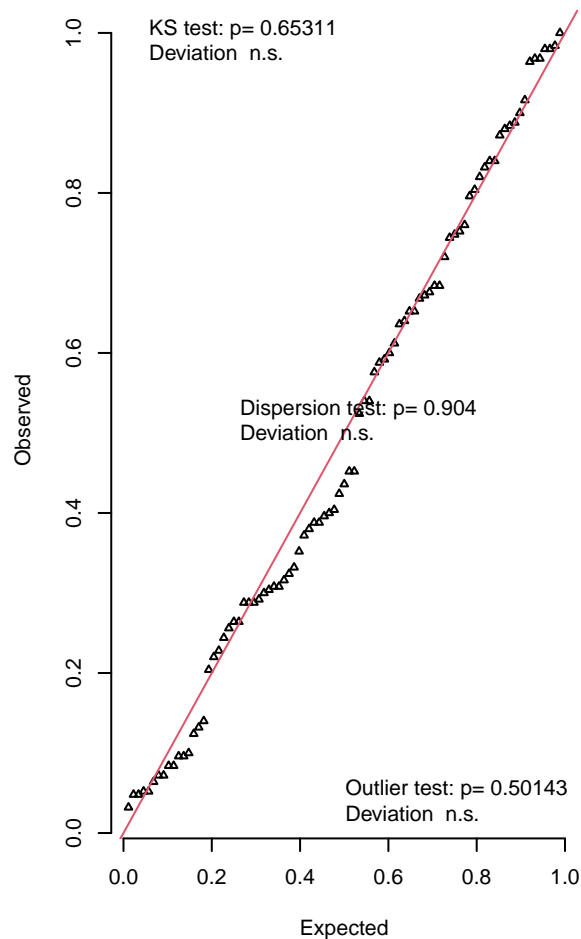


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

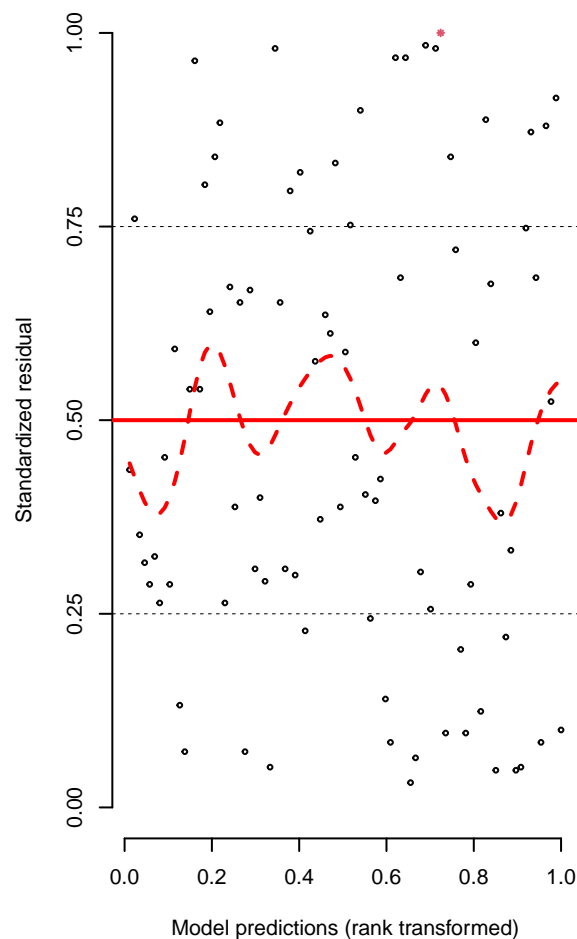


qDTM ~ intercept + area_std + temp_std + time_convert_std

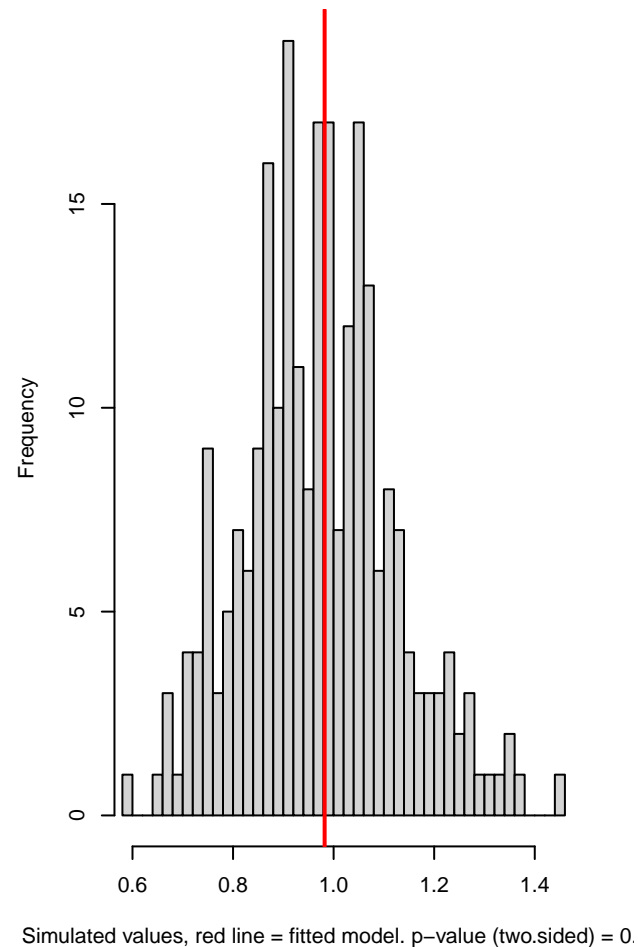
QQ plot residuals



Residual vs. predicted

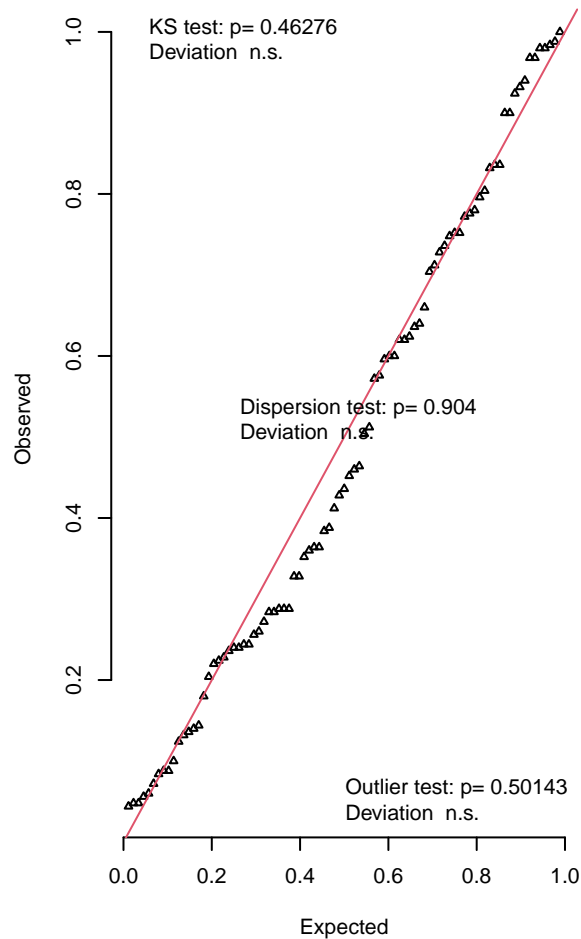


DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated

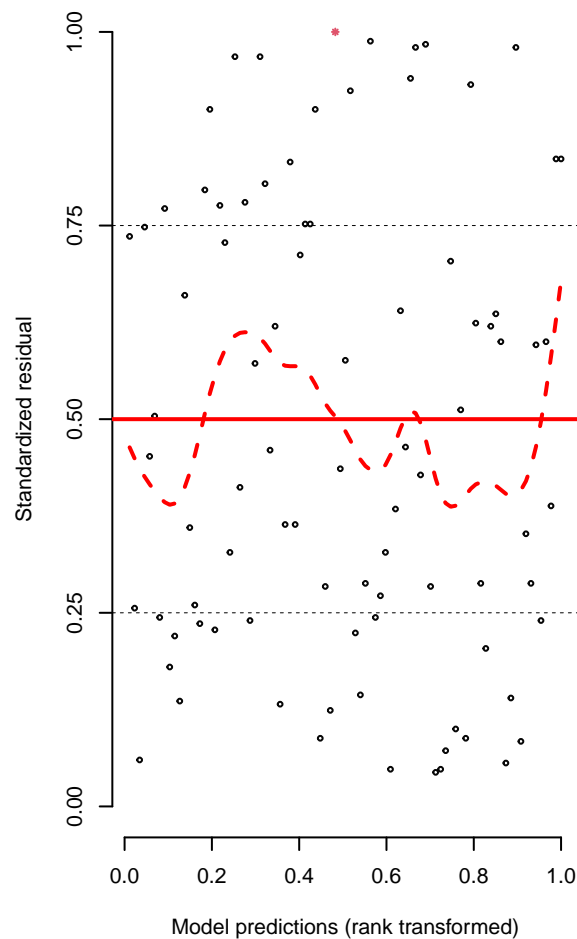


qDTM ~ intercept + area_std + time_convert_std

QQ plot residuals



Residual vs. predicted



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

