

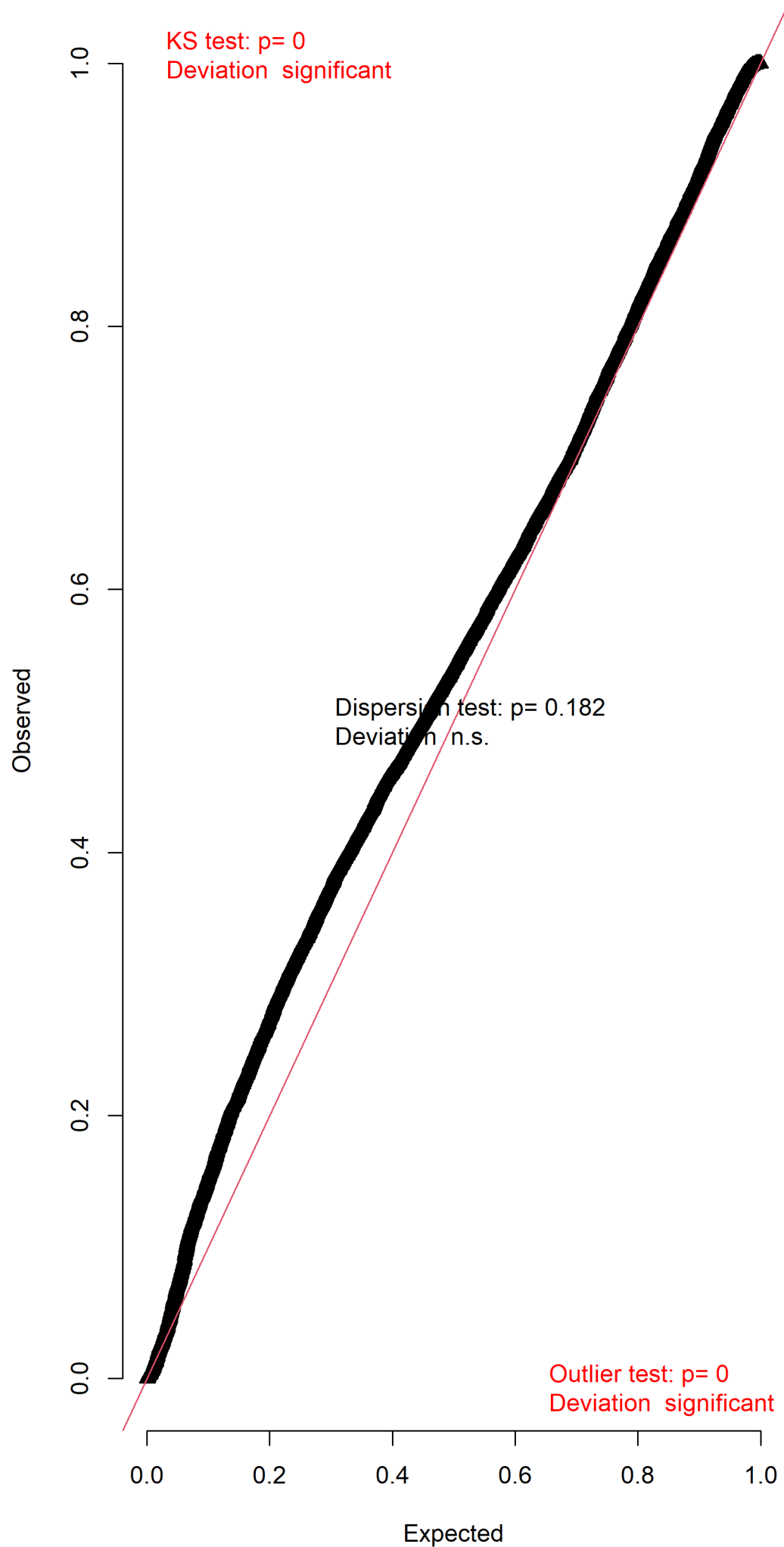
Supplementary Figure 4: Residual Plots of EJ Neighborhood Proximity Analysis Models

Quantile-Quantile (Q-Q) plots and residual vs. predicted value plots of model predictions implemented in the DHARMA R package v.0.4.7. Q-Q plots show dispersion test via SD of the residuals fitted vs. simulated values, as well as outlier test results. Red stars in the residual vs. predicted plots represent outliers. A. pH. B. DO. C. logSPCOND. D. TEMP

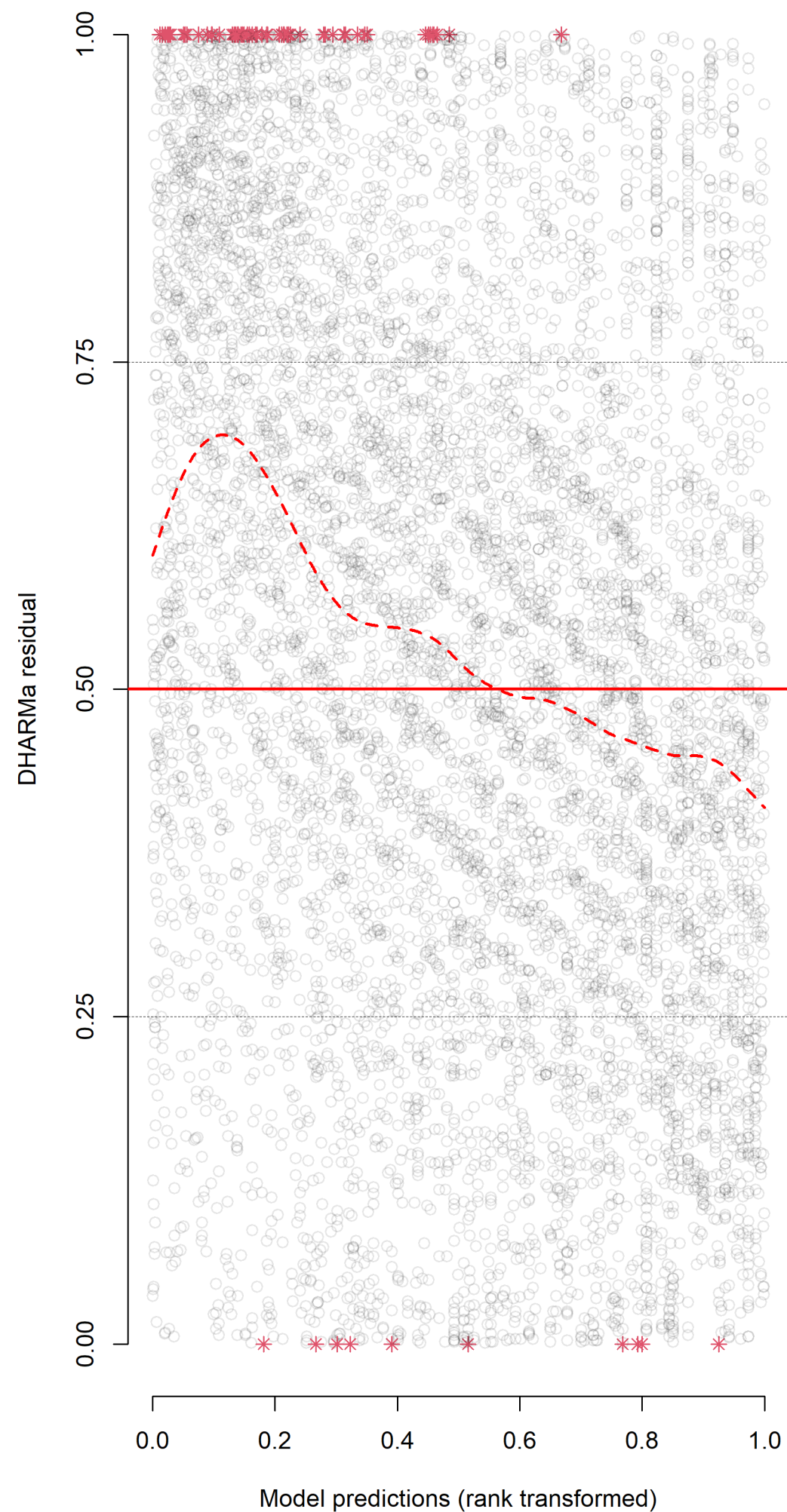
A.

DHARMa residual

QQ plot residuals



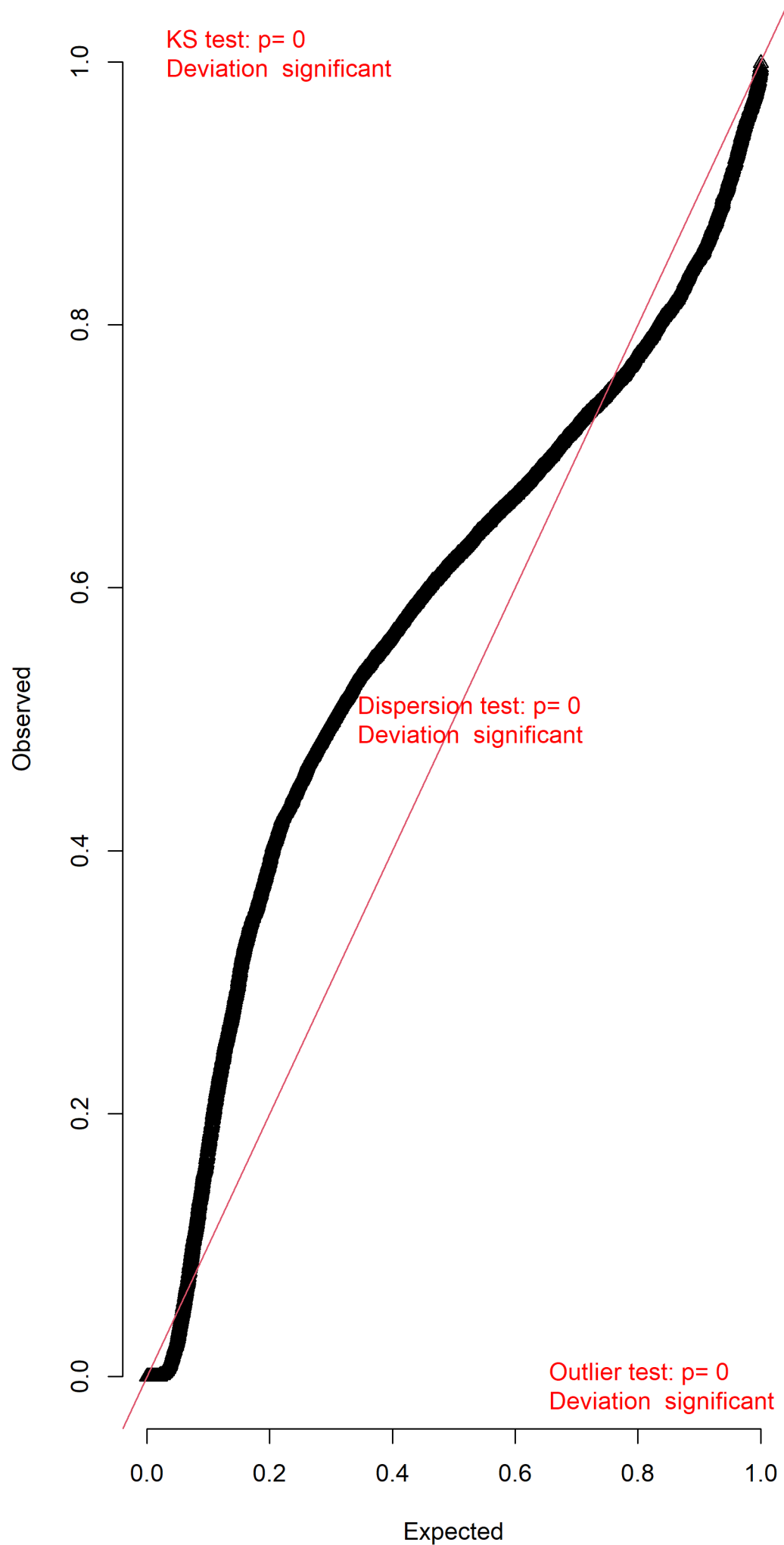
DHARMa residual vs. predicted



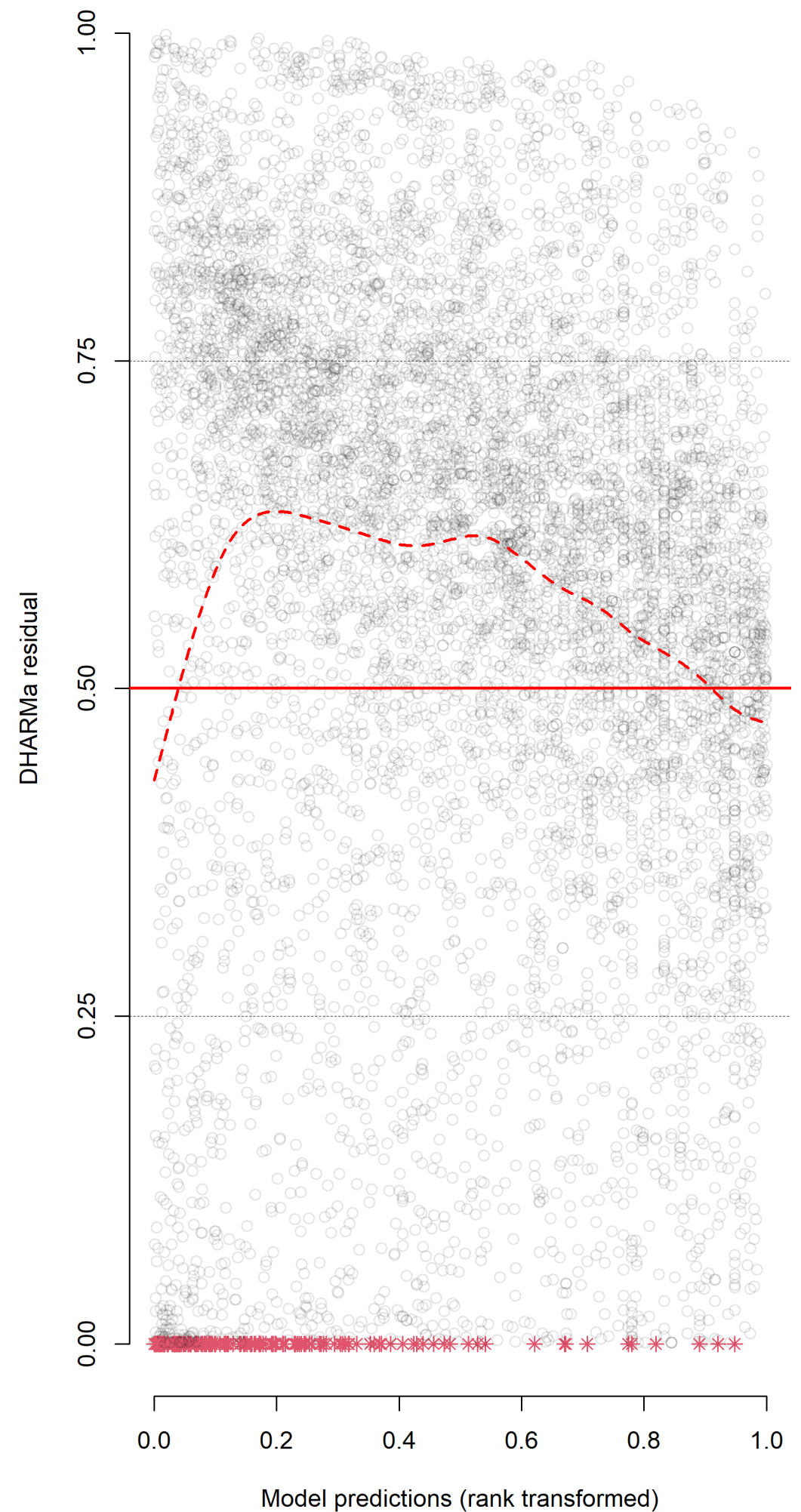
B.

DHARMa residual

QQ plot residuals



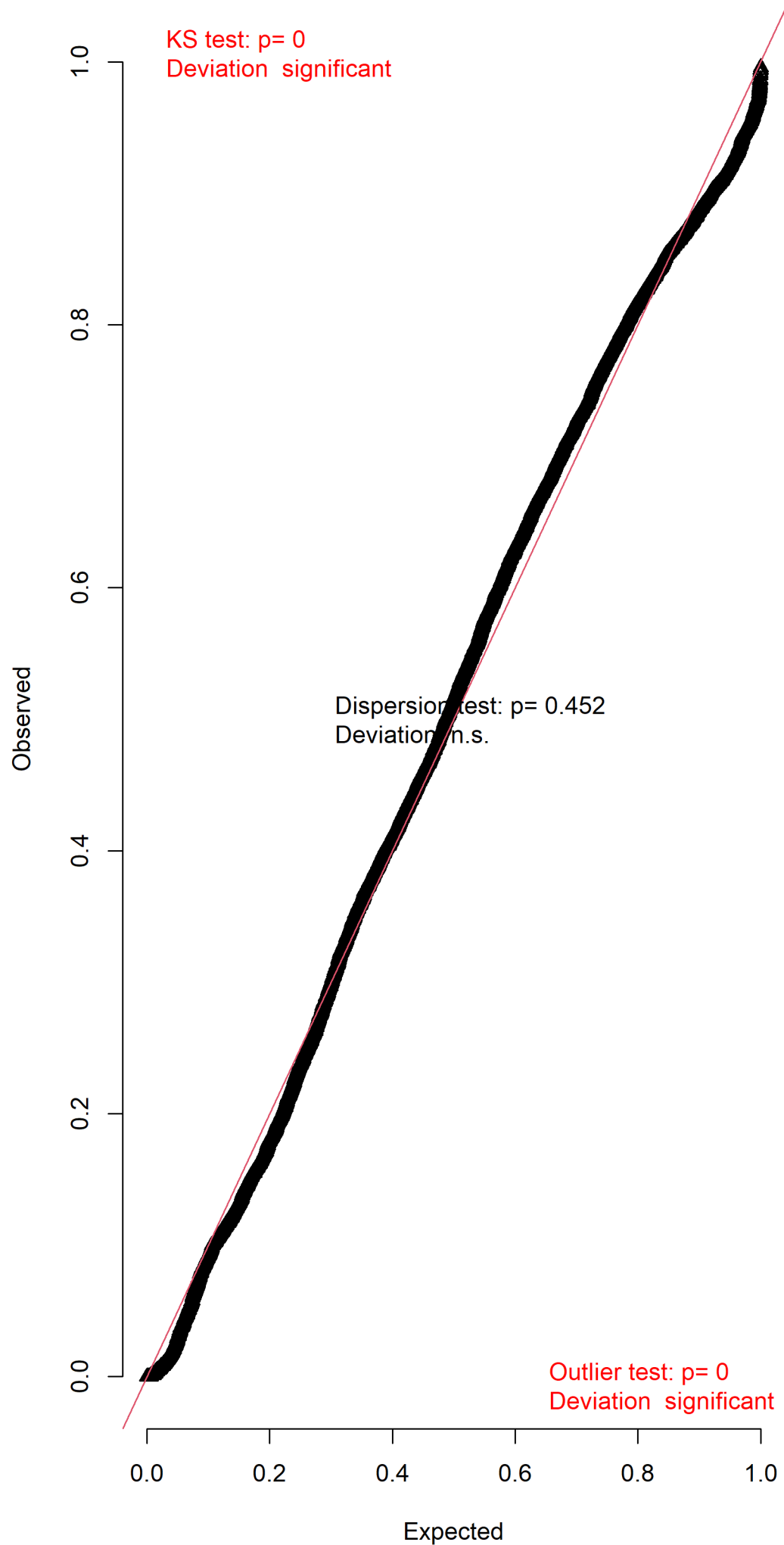
DHARMa residual vs. predicted



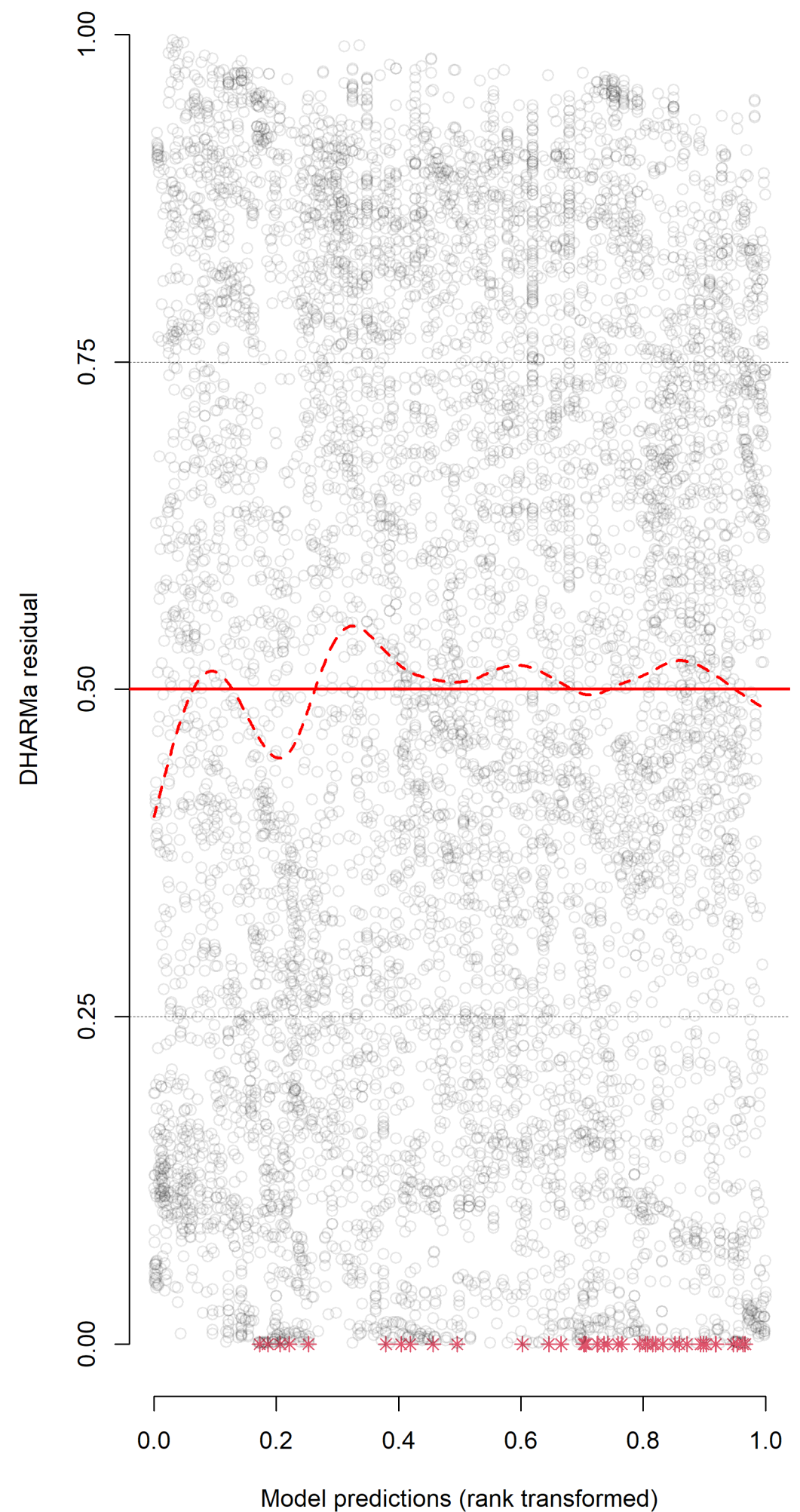
C.

DHARMa residual

QQ plot residuals



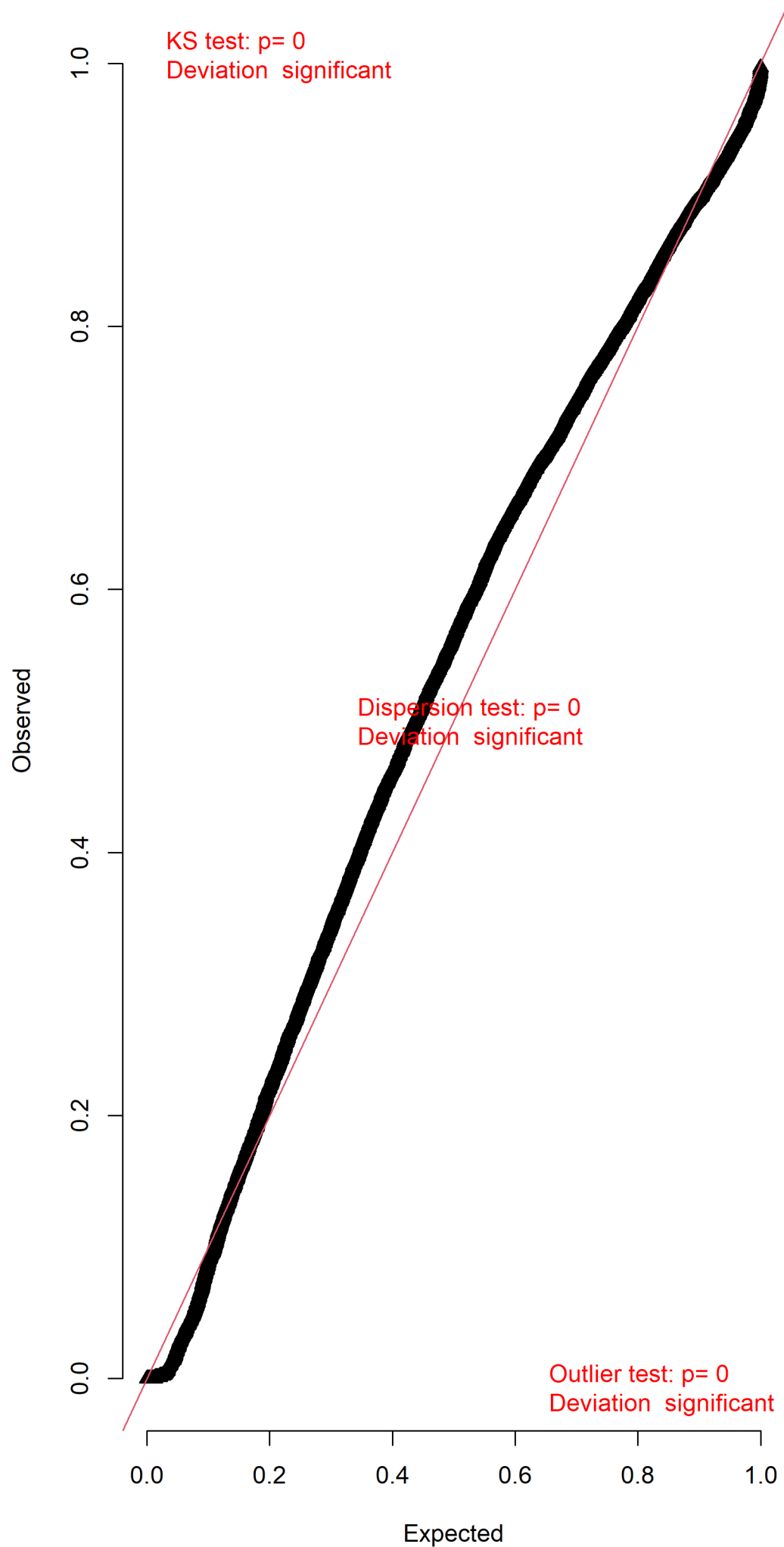
DHARMa residual vs. predicted



D.

DHARMa residual

QQ plot residuals



DHARMa residual vs. predicted

