DHARMa residual

QQ plot residuals

Observed

KS test: p= 0
Deviation significant

Dispersion test: p= 0
Deviation significant

Outlier test: p= 0
Deviation significant

Expected

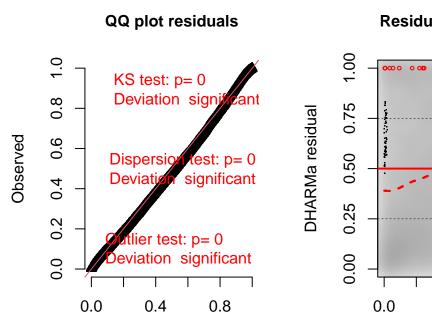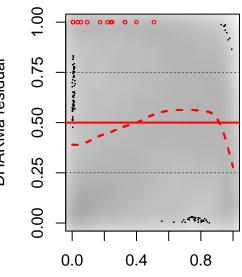**Residual vs. predicted**

DHARMa residual

Model predictions (rank transformed)