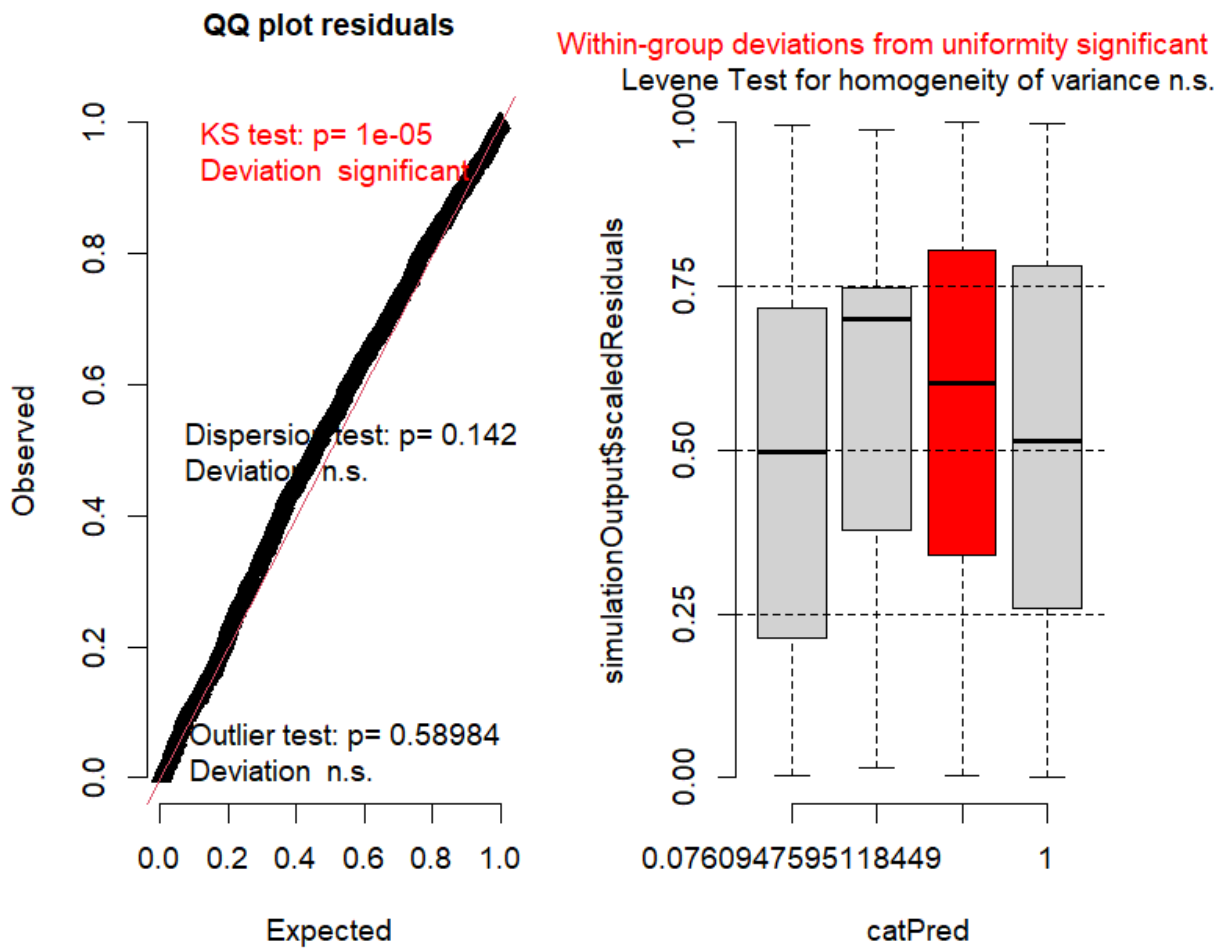
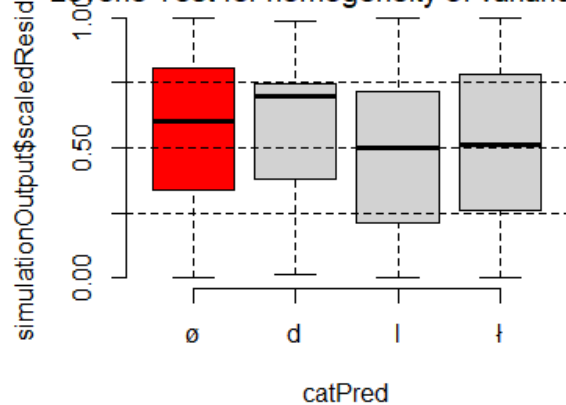


## DHARMA residual

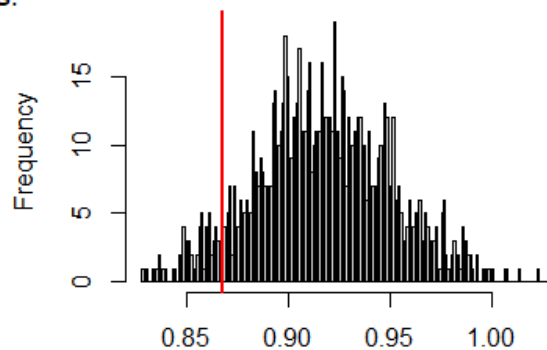


(simres3)

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

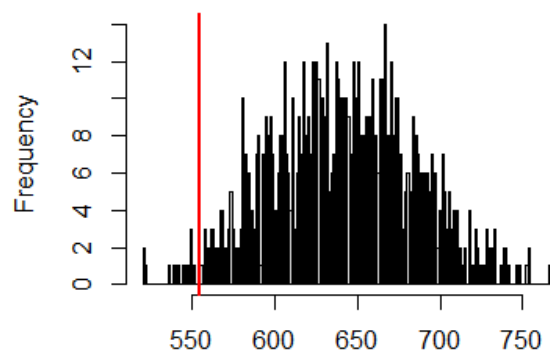


**DHARMA nonparametric dispersion test via sd of residuals fitted vs. simulated**



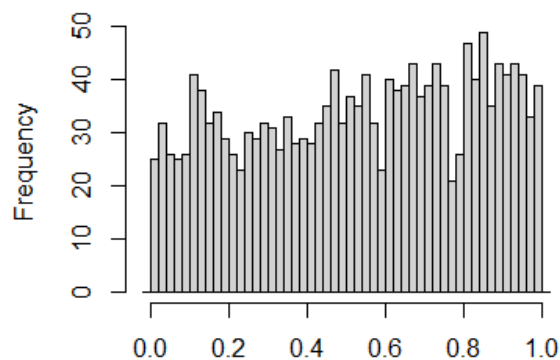
simulated values, red line = fitted model. p-value (two.sided) = 0.142

**DHARMA zero-inflation test via comparison to expected zeros with simulation under H0 = fitted model**



simulated values, red line = fitted model. p-value (two.sided) = 0.036

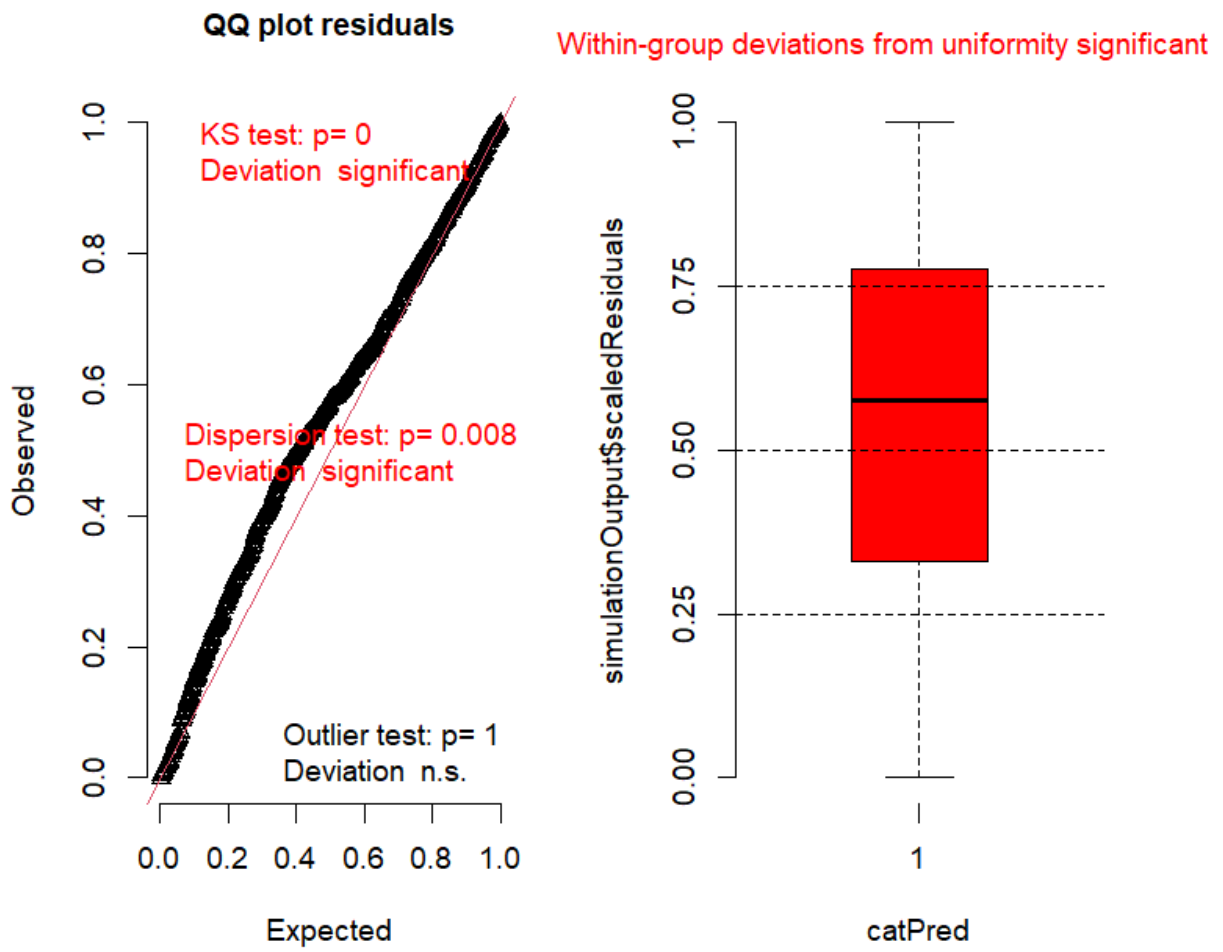
**Outlier test n.s.**



Residuals (outliers are marked red)

(also simres3)

# DHARMA residual



(simnull)