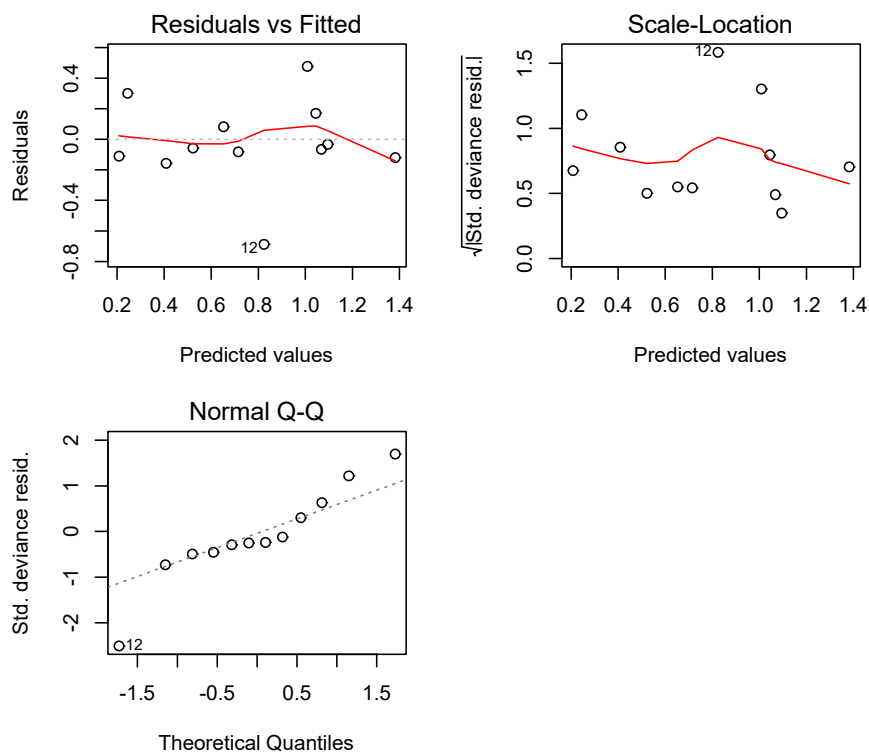


## Supplementary information

**Table S1.** Akaike's Information Criteria (AICs) of the generalized linear models predict willow yield with deer browsing.

Model	AIC
Gamma distribution with a log link function	28.45
Gamma distribution with an inverse link function	29.05
Gaussian distribution with an identity link function	30.74



**Figure S1.** Residual plot, quantile-quantile plot, and scale-location plot of the generalized linear model used to determine an outlier clone. The model predicts actual dry willow yield browsed by Yezo-sika deer for each of 12 clones. Clones of S.T.27 (No. 12) was determined as an outlier from the model.