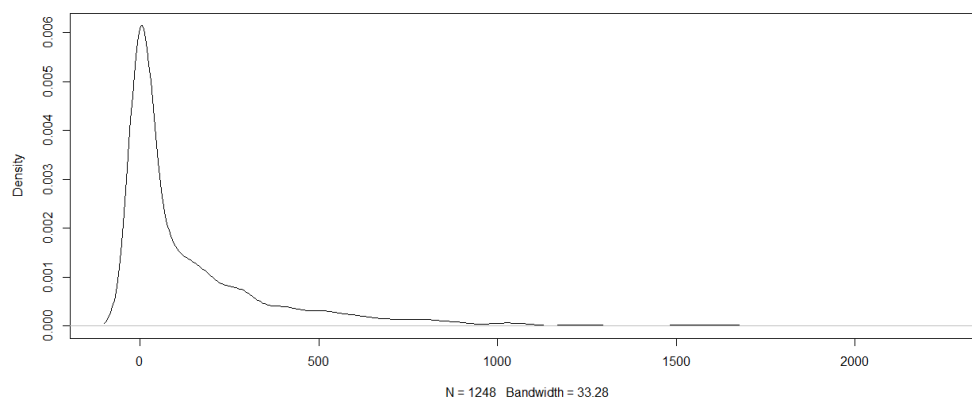
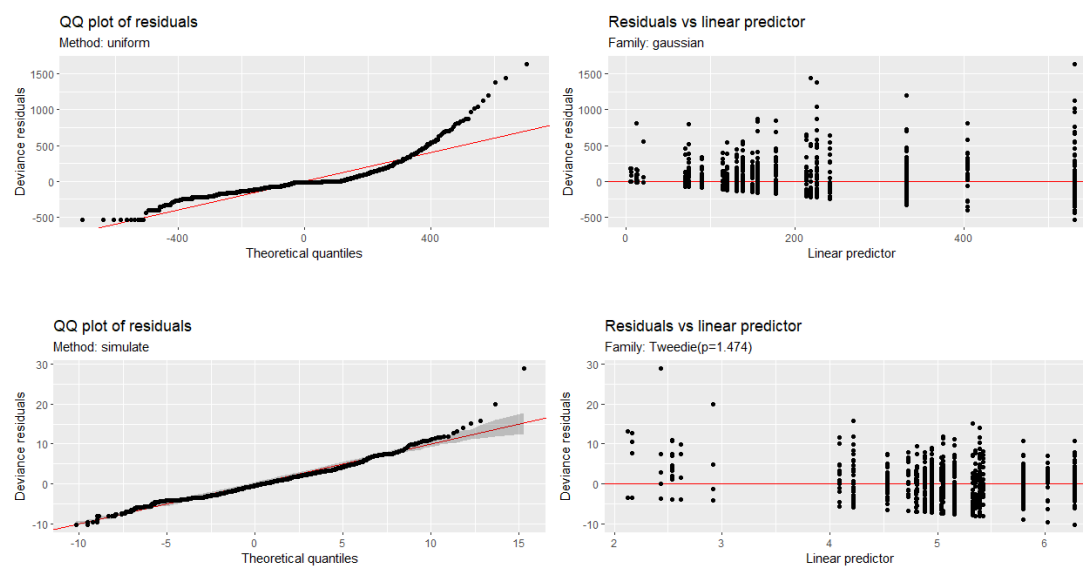


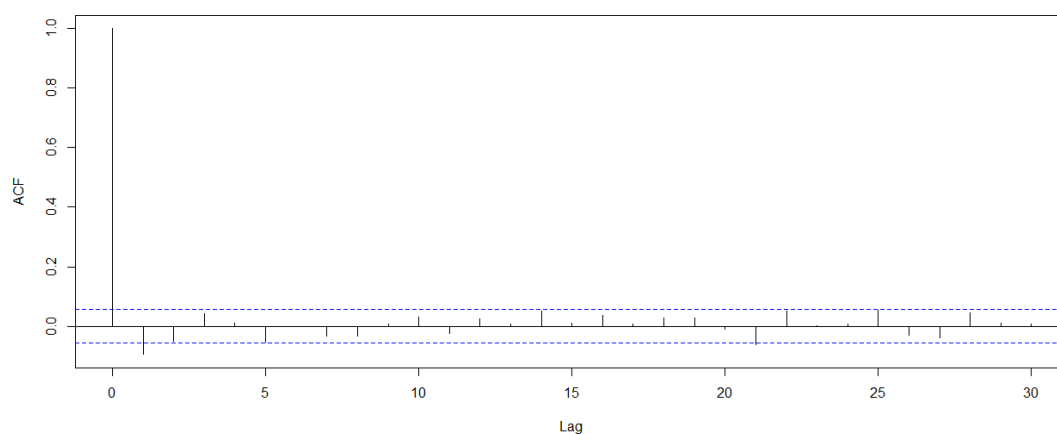
Supplementary Materials:



Supplementary Figure 1. Kernel density plot for energy intake data.



Supplementary Figure 2: Deviance residual plots for: A. Gaussian distribution family generalized additive model with identity link function, B. Tweedie distribution family generalized additive model with log link function.



Supplementary Figure 3: Autocorrelation of model residuals.