

# Foodstamp - Residuals of Logistic Regression

August 21, 2024

Load and attach the data foodstamp.

```
> library(catdata)
> data(foodstamp)
> attach(foodstamp)
```

With binary response one can fit a logit model.

```
> food1 <- glm(y ~ TEN + SUP + INC, family=binomial, data=foodstamp)
> summary(food1)
```

Have a look at the distribution of the residuals. Therefore a Normal Q-Q Plot is generated.

```
> plot(food1,2)
```