# Generalized linear models in R: Models for count data

# ?

# Count data

# Count data and linear regression

## One option is to simply use counts as an outcome in a stanard OLS model.

## Data is usually not normal

## You can sometimes transform the count data using a log or square root transformation but there is the possibility of biased estimates and difficulties in interpreting regression coefficients.

## A better approach is to use a GLM

# Types of generalized linear models for count data

## Poisson

## Negative binomial models

## Zero-inflated regression model

# Poisson models

## Most common method of modelling count data