Chapter 13 Generalized Linear Models

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More details will be added on generalized linear model, see lecture notes https://dnett.github.io/ S510/notes.html for more details. ## Error structure

- Poisson errors for count data

- binomial errors for data on proportions

- gamma errors for data showing a constant coefficient of variation

- exponential errors for data on time to death(survival analysis)

Error structure is defined by means of `family` as part of the model formula.

Canonical link functions(default link functions):

Error	Cannonical link
normal	identiy
poisson	log
binomial	logit
Gamma	reciprocal