52542 Generalized Linear Models: Theory and Application

Guidelines for the Preliminary Report

Due 29/11/2020 (note the date change).

The paper should be short (approximately 3 to 5 pages). It can be submitted hard-copy or electronically (mail me a .pdf file as an attachment).

It should include the following:

- A brief description of the problem (the questions the researcher wants to answer, what variables were measured, how the data were collected).

- A preliminary exploratory analysis (graphs, tables, summary statistics, ...) describing the distributions of the explanatory and response variables, and the relations between them.

- Formulation of a linear regression model which would be appropriate, if we were not using a GLIM.

- The results of fitting the regression, and tentative conclusions.

Note that the files medfly.preliminary.pdf and meron.preliminary.pdf on the website have examples, and medfly.explore.R has the R code which was used for the Meron data.