

## 52542 Generalized Linear Models: Theory and Application

### Guidelines for the Final Paper

The paper should be short (approximately 10 to 15 pages, including figures and tables), and 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 of the data : graphs, tables, correlations between the variables, ...

- Formulation of a GLIM which appears appropriate for the problem.

- The results of fitting the model, including testing relevant hypotheses; comparing different submodels if appropriate; and using residuals to check the assumptions of the model (outliers? overdispersion? ...).

- Refitting the model if necessary.

- "Final" conclusions.

The paper is to be written in English, and a hardcopy version must be submitted.