How About a Title Right Here?*

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January 19, 2005

1 Introduction

(Indicate the scientific question(s) to be answered. Introduce your approach to the analysis. Indicate the structure of your paper. Make your summary clear and factual.)

The organization of the paper is as follows: In section 2 we describe our data. In section 3 the methodology and assumptions of our analysis are given in detail. Section 4 summarizes our findings, and a discussion is found in section 5.

2 The Data

(Describe your data. Give specifics. Indicate special features. etc. If the data is easy to describe, perhaps lump this section in with the intro (thats my personal preference unless this involves a long description).)

3 Methods

(Your audience should be someone who got a Master's degree (or a first year PhD student) in statistics a few years back. Don't waste time with trivial details, but indicate the analytics tools you use with enough detail that your analysis could be reproduced by the reader. Be sure to discuss relevant assumptions)

3.1 Generalized Linear Models for Extinction Risk

In this section we describe the Generalized Linear Model used to analyze the data.

$$E_{ijk} \sim \text{Bin}(n_{ijk}, p_{ijk}) \text{ Independent} \quad (1)$$

$$\log\left(\frac{p_{ijk}}{1-p_{ijk}}\right) = \mu + \alpha_i + \beta_j + \gamma_k \quad (2)$$

where treatment-style constraints were employed forcing $\alpha_1 = \beta_1 = \gamma_1 = 0$.

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4 Results

(In Results provide the findings (eg. the final models, estimate's s.e.'s, confidence intervals, principal summarizing quantities [numerical & graphical], ...) and especially important points (unexpected predictor variables, ...). Describe examinations carried out of the basic assumptions made.")

In this section we present the results for the analyses described in section 3. Fitting the model (1) using maximum liklihood leads to the following estimates:

param.	estimate	estimated SE
μ	6.11	1.34
α_2	-1.52	0.71
β_2	-2.03	0.86

Table 2 : MLE's under model (2)

5 Discussion

(Among other things, discuss the reasonableness of the assumptions upon which your analysis is based. Discuss limitations of the model(s) you fit. You might indicate areas for further investigation. Interpret conclusions in the context of the original scientific question(s).)

6 Conclusion

(Review important parts of the analysis and important findings. Discuss how you analysis addressed the original scientific question)

7 References

(You used some right???? Be sure to list them here.)

A Supplementary Tables or Figures

(Sometimes you might have additional figures or tables that want to show, but not talk about too heavily in your main text. Place them here.)

B Computer code

(This is optional, but it might make it easier for me to check exactly what it is you did)