# Chapter 5 Mixed Models for Discrete Data

#### 5.1 Generalized Linear Mixed Models



## 5.1 Generalized Linear Mixed Models (cont'd)



## 5.2 Interpretation



## 5.2 Interpretation (cont'd)



#### 5.3 Estimation



## 5.3 Estimation (cont'd)



#### 5.4 GLMMs in R



## 5.4 GLMMs in R (cont'd)



#### 5.5 Model Building



## 5.5 Model Building (cont'd)



## 5.6 Hypothesis Testing



## 5.6 Hypothesis Testing (cont'd)



#### 5.7 Review of Key Points



## 5.7 Review of Key Points (cont'd)

