Regression models for ordinal data: A concise summary

Abhay Shankar K: cs21btech11001
Kartheek Sriram Tammana: cs21btech11028

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Abstract

The paper describes a general class of models for ordinal data, utilising stochastic ordering to eliinate the need for assigning scores or assuming cardinality. Two models in particular, the **proportional odds** and the **proportional hazards** models, are of practical utility due to their conceptual simplicity.

Introduction

Wall of text, will parse and write later.

The Proportional Odds model

$$\kappa_j(x) \propto exp(-\beta^T * *x * *)$$