



Royal Statistical Society

Ordinary Meeting

Organized by the Research Section

“Semiparametric regression models with censored data”,

by D. Zeng and D. Y. Lin (University of North Carolina)

Wednesday 31 January 2007, 5pm

RSS Headquarters, 12 Errol Street, London

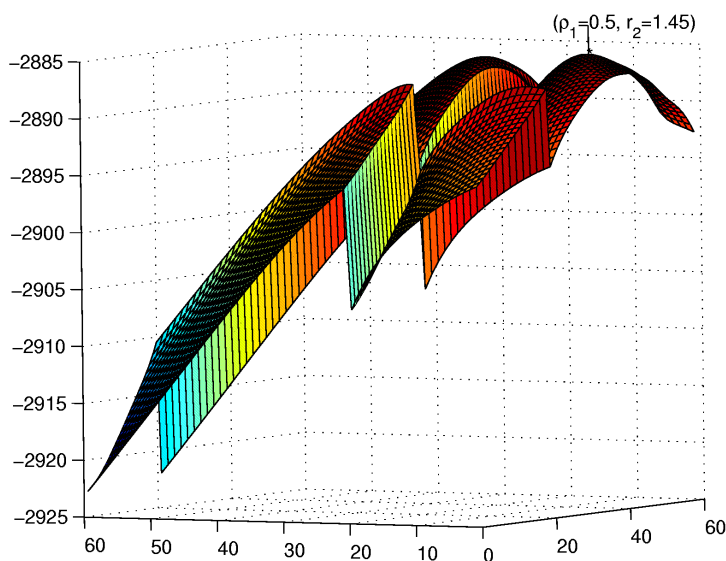


Figure 2. Log-likelihood of the transformation parameters

Summary

New classes of semiparametric models are proposed for the regression analysis of censored data. These include heteroscedastic transformation models for survival data, random-effects transformation models for multivariate failure time data and joint transformation models for repeated measures and event times. Inference procedures and numerical algorithms based on nonparametric likelihood are described. Applications to medical studies are provided.

The paper can be downloaded (3 weeks prior to meeting) from:
<http://www.rss.org.uk/main.asp?page=1836>

Fellows and visitors are invited to make contributions of no longer than 5 minutes following the reading of the paper. Please register your interest with the Secretary of the RSS Research Section Committee (e.wit@lancaster.ac.uk) or C. Stovell at the RSS (c.stovell@rss.org.uk).

Tea is served at 4:30pm. **The meeting will be held at the RSS Headquarters in London:**

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