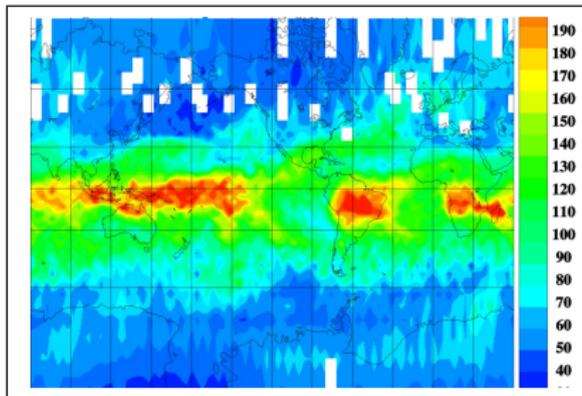# Journal of Computational & Graphical Statistics

David A. van Dyk,
Editor

A Joint Publication of
American Statistical Association
Institute of Mathematical Statistics
Interface Foundation of North America

ASA

ims

Interface

What is JCGS?
The Review Process
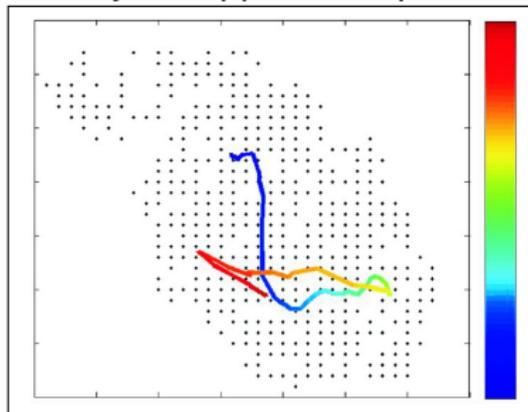Subscribe!

History and Purpose
Topics
JCGS Online

The Journal of Computational and Graphical Statistics

- A journal founded to meet the changing landscape of the Statistical Sciences
- In the late eighties there was discipline-wide understanding that computing was changing not only statistical practice but also the research activities in the field.
- JCGS is dedicated to statistical research topics at the interface of statistics and computing.
- This goes beyond algorithms, software, and interactive interfaces: It includes methodology and applications where computing changes the way we approach a problem.

What is JCGS?
The Review Process
Subscribe!

History and Purpose
Topics
JCGS Online

What is *in* JCGS?
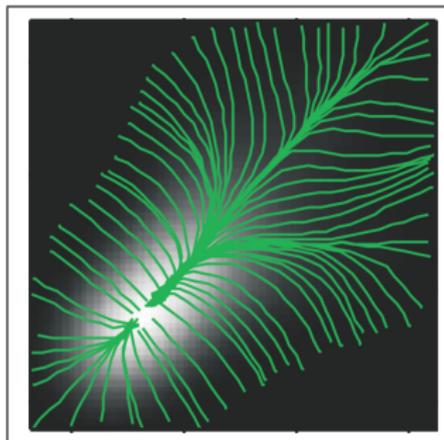
Areas where computing changes the way we approach a problem.

- Graphics!
- Imaging and Visualization.
- Bayesian Computation.
- Sampling and Simulation.
- Point Processes.
- Robust Methods.
- Classification, Clustering, and Machine Learning.
- Scalable Computation and Data Management for Massive Data.
- Non-parametric Methods (e.g., Regression Trees and Splines).
- Optimization (e.g., EM-type algorithms) and methods with challenging optimization (e.g., LASSO).

What is JCGS?
The Review Process
Subscribe!

History and Purpose
Topics
JCGS Online
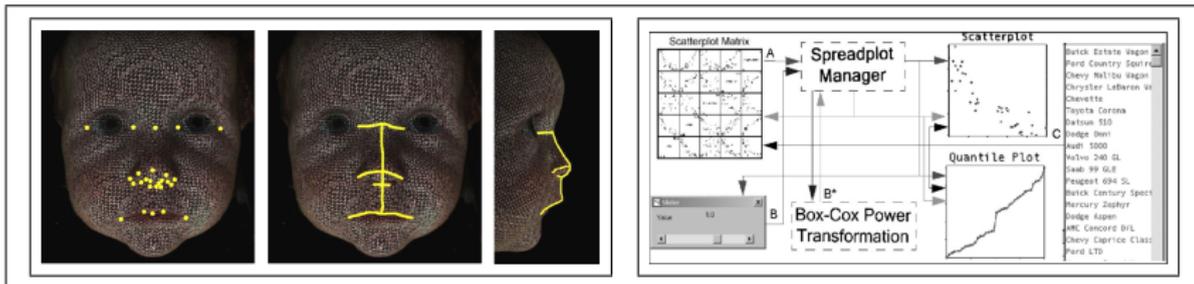
What is *in* JCGS?

- Software methods.

    - *Simple Parallel Statistical Computing in R* by Rossini, Tierney, and Li (June 2007).
    - *Design Ideas for MCMC Software* by T. Graves (March 2007).

- Statistical Methods with challenging computation.

    - *Conditional Inference on Tables with Structural Zeros* by Y. Chen (June 2007).

- Scientific issues raised by Statistical Computing.

    - *Statistical Analysis and Reproducible Research* by Gentleman and Lang (March 2007).

What is JCGS?
The Review Process
Subscribe!

History and Purpose
Topics
JCGS Online

The Data and Software Archive

GOAL: To publicize ideas and methods as well as papers.

- Make data and computer software available to readers.
- Enable readers to *reproduce, implement, and improve* methods published in JCGS.
- Pursuing more interactive publications benefits readers and authors alike.

AllenTrack

- JCGS has been using the AllenTrack System for online submission and review for just over one year.
- This system streamlines the review process.
- Median time to first review has been cut by 50% to about two months.
- You can check the status of your submitted paper online.

URL: `jcgs.allentrack.net`

Keep Up to Date!

- If you are still a student, JCGS costs just $10 a year.
- If you are no longer a student, it's $55 with your ASA or IMS membership.

What's that for keeping up to date with the future directions of the discipline??

It's a bargain! SUBSCRIBE!