Advanced Regression Models with R Applications
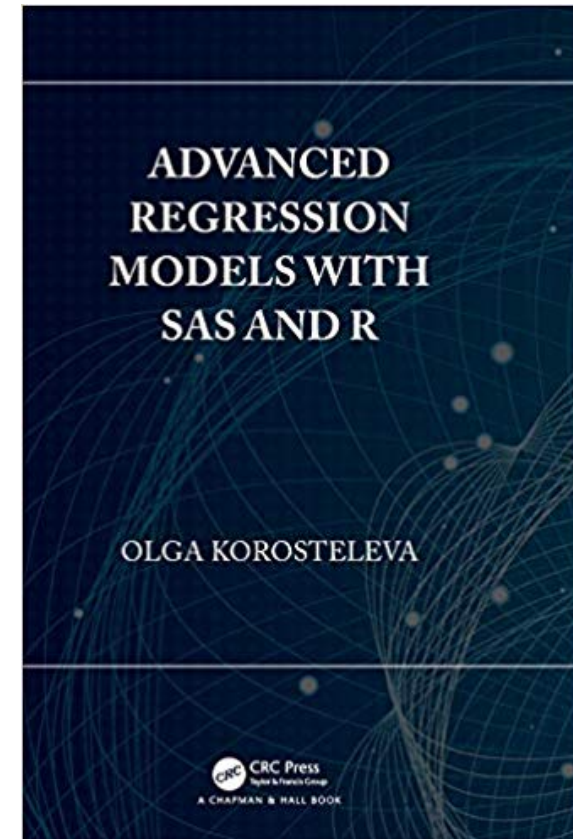
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Orange County R Users Group Fall Workshop, 2019

Dr. Olga Korosteleva

http://web.csulb.edu/~okoroste/

Workshop Topics

- Linear regression
- Gamma regression
- Ordinary logistic regression
- Poisson regression
- Zero-inflated Poisson regression
- Beta regression
- Longitudinal random slope & intercept regression
- Longitudinal logistic regression
- Hierarchical models

Schedule

Time	What	Where
8:30 – 9:00 AM	Registration	SB1 Lobby
9:00 – 9:30 AM	Intro & Computer Set-up	SB2100
9:30 – 11:00 AM	Session 1	SB2100
11:00 – 11:15 AM	Break	
11:15 – 12:30 PM	Session 2	SB2100
12:30 – 1:30 PM	Lunch	Patio, 3rd Floor
1:30 – 2:30 PM	Session 3	SB2100
2:30 – 2:45 PM	Break	
2:45 – 4:15 PM	Session 4	SB2100
4:15 PM – 4:30 PM	Wrap-up	SB2100

Important Links

- GitHub Repo
  https://github.com/ocrug/advanced_regression

- Slack Channel for the workshop: #regression-2019
  https://ocrug.slack.com

- Dr. Olga Korosteleva
  http://web.csulb.edu/~okoroste/

- Advanced Regression Models with SAS and R
  https://www.amazon.com/dp/1138049018/

- Orange County R Users Group
  https://ocrug.org

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- Dr. Olga Korosteleva

- Paul Merage School of Business

- Helpers & Volunteers

- OCRUG Members