



Advanced Regression Models with R

Applications

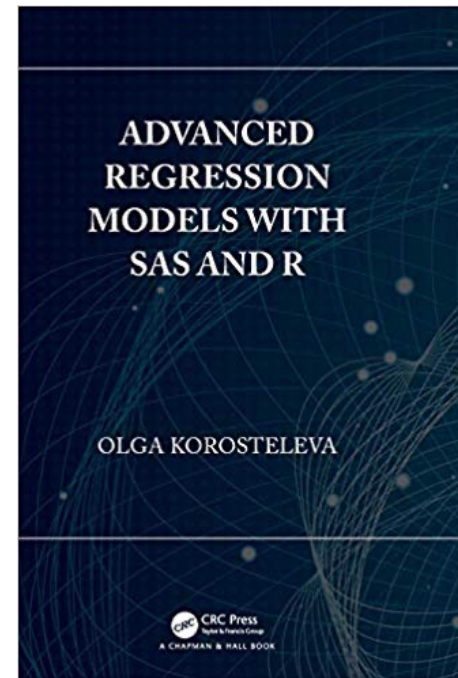
Dr. Olga Korosteleva
CSULB, Department of Mathematics & Statistics

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	SB2200
9:30 – 11:00 AM	Session 1	SB2200
11:00 – 11:15 AM	Break	
11:15 – 12:30 PM	Session 2	SB2200
12:30 – 1:30 PM	Lunch	Patio, 3 rd Floor
1:30 – 2:30 PM	Session 3	SB2200
2:30 – 2:45 PM	Break	
2:45 – 4:15 PM	Session 4	SB2200
4:15 PM – 4:30 PM	Wrap-up	SB2200

Important Links

- GitHub Repo
https://github.com/socalrug/advanced_regression_2022-10-01
- Slack Channel for the workshop: #regression-2022
<https://tinyurl.com/socalrug-slack>
- 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://www.meetup.com/SOCAL-RUG/>

Special Thanks To

- Dr. Olga Korosteleva
- Paul Merage School of Business
- Helpers & Volunteers
- SoCal RUG Members