

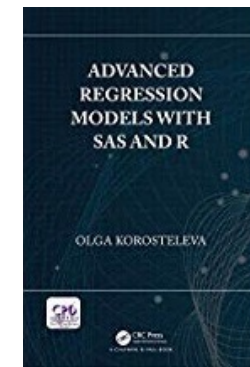
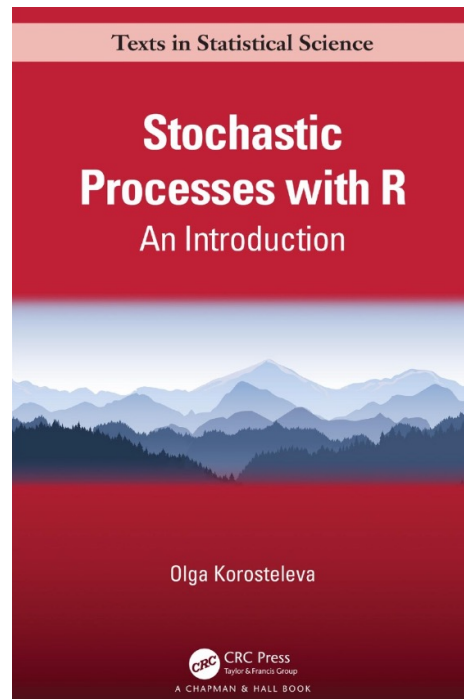
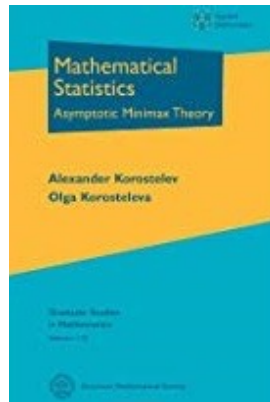
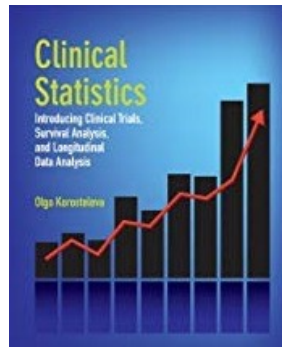


Introduction to Stochastic Processes

Dr. Olga Korosteleva
CSULB, Department of Mathematics & Statistics

Southern California R Users Group Winter Workshop, 2023

Dr. Olga Korosteleva



Dr. Olga Korosteleva



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

- Friend to SoCal RUG
 - 6 course in 4 years
 - Advanced Regression
 - Modeling Normally Distributed Data with Repeated Measures
 - Nonparametric Analysis
- Bachelor in Mathematics, Wayne State University (1996)
- Ph.D. in Statistics, Purdue University (2002)
- Professor of Statistics
 - Department of Mathematics and Statistics at CSU Long Beach
 - Faculty supervisor for the Statistics Student Association
- Southern California Chapter of the American Statistical Association (SCASA)
 - Past-president
 - Editor-in-chief of monthly eNewsletter

Workshop Topics

- Markov Chain
- Random Walk
- Poisson
- Birth-and-death
- Branching process
- Brownian motion

Schedule

Time	What	Where
8:30 – 9:00 AM	Computer Setup	SB1 2100
9:00 – 9:10 AM	Introduction	SB1 2100
9:10 – 10:50 AM	Session 1	SB1 2100
10:50 – 11:10 AM	Break	
11:10 – 12:00 PM	Session 2	SB1 2100
12:00 – 1:00 PM	Lunch	Patio, 3 rd Floor
1:00 – 2:40 PM	Session 3	SB1 2100
2:40 – 3:00 PM	Break	
3:00 – 3:50 PM	Session 4	SB1 2100
3:50 – 4:30 PM	Wrap-up and buffer	SB1 2100

Important Links

- GitHub Repo
https://github.com/socalrug/stochastic_processes_2023-02-11
- Slack Channel for the workshop: #stochastic-2023
<https://tinyurl.com/socalrug-slack>
- Dr. Olga Korosteleva
<http://web.csulb.edu/~okoroste/>
- Stochastic Processes with
<https://www.amazon.com/dp/1032153733/>
- Southern California 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