

桂文豪

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基本情况

姓名: 桂文豪
 职务:
 职称: 教授
 学历: 研究生
 学位: 博士
 通信地址: 北京交通大学理学院数学系7117室
 邮编: 100044
 办公电话: 010-51682054-117
 电子邮箱: whgui@bjtu.edu.cn



教育背景

2004年8月--2009年8月 美国佛罗里达州立大学 (Florida State University)
 统计系 获统计学博士学位

工作经历

2014年7月一至今	北京交通大学理学院	教授
2011年8月—2014年7月	美国明尼苏达大学数学与统计系 (University of Minnesota)	助理教授
2010年8月—2011年8月	美国南卫理公会大学统计系 (Southern Methodist University)	客座助理教授
2009年9月—2010年8月	美国康奈尔大学统计系 (Cornell University)	博士后

研究方向

数据统计分析
 随机分析与随机运筹

招生专业

统计学硕士
 概率论与数理统计硕士

科研项目

教学工作

本科生课程: 概率论与数理统计(英文), 概率论与数理统计, 数理统计学, 学科前沿讲座, SAS基础与应用, 实用统计软件, 数据分析导论
 研究生课程: 高等数理统计学, 统计计算
 指导研究生: 郭蕾、毕启轩、李绍伟、Choi Yun Kyung、高朔、尚洁、张政、胡雪华、马延彬、张悦、任君汝

论文/期刊

(自2014年至今)

Accepted:

- [28] Y. Ma, 桂文豪*. Pivotal inference for the Inverse Rayleigh Distribution based on general progressively Type-II censored samples, *Journal of Applied Statistics*, Accepted. 2018. SCI
- [27] J. Shang, 桂文豪*. Pivotal inference for the two-parameter Rayleigh distribution based on progressive first-failure censoring scheme, *International Journal of Innovative Computing, Information and Control*, Accepted. 2018. EI
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- [25] 桂文豪*, L. Guo. Statistical inference for the location and scale parameters of the skew normal distribution, *Indian Journal of Pure and Applied Mathematics*, Accepted. 2017. SCI

Published:

- [24] Y. Du, Y. Guo, 桂文豪*. Statistical Inference for the Information Entropy of the Log-logistic Distribution under Progressive Type-I Interval Censoring Schemes, *Symmetry*, Vol. 10, No.10, Article Number 445, 17pages, 2018. SCI
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- [21] 桂文豪*, L. Guo, Different estimation methods and joint confidence regions for the parameters of a generalized inverted family of distributions, *Hacetatepe journal of mathematics and statistics*, Vol.47, No.1, pp. 203--221, 2018, SCI.
- [20] 桂文豪, Y. Qi. Spectral Radii of Truncated Circular Unitary Matrices, *Journal of Mathematical Analysis and Applications*, Vol.458, No.1, pp. 536--554, 2018, SCI.
- [19] 桂文豪*. Reliability estimation for the two-parameter exponential family based on progressively type II censored data, *International Journal of Reliability, Quality and Safety Engineering*, Vol.25, No.1, 15pages, 2018, EI.
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- [17] 桂文豪*, H.Zhang, L. Guo. The complementary Lindley-geometric distribution and its application in lifetime analysis, *Sankhya B*, Vol.79, No. 2, pp. 316--335, 2017.
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- [15] Q. Bi, 桂文豪*. Bayesian and classical estimation of stress-strength reliability for Inverse Weibull lifetime models, *Algorithms*, Vol.10, No.2, Article 71, 2017, EI.
- [14] M. Aslam, 桂文豪, N. Khan, C-H Jun, Double moving average-EWMA control chart for exponentially distributed quality, *Communications in Statistics - Simulation and Computation*, Vol.46, No. 9, pp. 7351--7364, 2017. SCI.
- [13] 桂文豪*, M. Aslam. Acceptance sampling plans based on truncated life tests for weighted exponential distribution, *Communications in Statistics - Simulation and Computation*, Vol.46, No. 3, pp. 2138--2151, 2017. SCI
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- [11] 桂文豪*. Modified inverse moment estimation: its principle and applications,(invited) *Communications for Statistical Applications and Methods*, Vol.23, No.6, pp. 479--496, 2016.
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- [8] 桂文豪*. An Alpha Half Normal Slash Distribution for Analyzing Nonnegative Data, *Communications in Statistics-- Theory and Methods*, 44:4783--4795, 2015. SCI
- [7] M. Xu, 桂文豪. A New Family of Exponential Slash Distributions with Elliptical Contours, *Journal of Mathematical Research With Applications*, Vol.35, No.2, pp. 200--210, 2015.
- [6] M. Xu, 桂文豪. An Exponential Slash Half Normal Distribution for Analyzing Nonnegative Data, *Chinese Journal of applied probability and statistics*, Vol.31, No.1, pp. 57--70, 2015.
- [5] 桂文豪*, S. Zhang. Acceptance sampling plans based on truncated life tests for Gompertz distribution, *Journal of Industrial Mathematics*, Vol. 2014, Article ID 391728, 7 pages, 2014.
- [4] 桂文豪*. A Generalization of the Slashed Distribution via Alpha Skew Normal Distribution, *Statistical*

Methods and Applications, Vol.23, No.4, pp. 547-563, 2014. SCI

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[2] S. Zhang, 桂文豪*. Admissibility in Linear Model With Respect To Inequality Constraint Under Balanced Loss, Journal of Inequalities and Applications, Vol.70, No.1, 11 pages, 2014. SCI

[1] 桂文豪*, S. Zhang and X. Lu. The Lindley-Poisson distribution in lifetime analysis and its properties, Hacettepe journal of mathematics and statistics, Vol.43, No.6, pp. 1063--1077, 2014. SCI

专著/译著

[2]. 桂文豪、王立春、孔令臣. 《Probability and Statistics》英文版, 清华大学出版社/北京交通大学出版社, 2018年8月. ISBN: 9787512136526

[1]. 桂文豪、王立春. 《概率论与数理统计学习辅导及R语言解析》, 清华大学出版社/北京交通大学出版社, 2017年2月. ISBN: 9787512131644

专利

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获奖与荣誉

7. 智瑾奖优秀青年教师, 2018年
6. 理学院优秀共产党员, 2018年
5. 理学院优秀教师, 2017年
4. 理学院教师教学贡献奖, 2017年
3. 北京交通大学教学成果二等奖, 2016年
2. 理学院优秀教师, 2015年
1. 北京交通大学优秀主讲教师, 2015年10月

社会兼职

中国现场统计研究会可靠性工程分会理事; 中国运筹学会可靠性分会理事; 中国博士后基金评审专家; 《Stats》(ISSN 2571-905X) 编委; 教育部学位中心通讯评议专家

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