ESTR Project Presentations

12 April 2021, 2.30-3.15

LIU Yunzhi, YU Heyang, BI Ershunlong
Kelly formula: how to earn more money

Ng Hoi Leong, Ip Tsz Ho, Yeung Ngon Sum, Lee Sun Yat
Analysis on interior angle of random polygon under different distributions

Weiyu CHEN, Zhiyuan LIN, Mingxuan HONG, Sijin CHEN
Estimating the Maxwell-Boltzmann Distribution

14 April 2021, 12.30-1.15

Yu Zhihao, Xu Tao, Li Yuanheng, Wen Ruizhe
Hypothesis testing in linear regression analysis

CAI Daniel Yik Hong, Hoang Son Nguyen, Yerarslan Shayakhmetov
Finding the best unbiased estimator with Rao-Blackwell Theorem

HUANG Kaining, ZHANG Jialin, ZHANG Wenxuan, ZHAO Mengyuan
Heavy-tailed distributions in finance

19 April 2021, 2.30-3.15

Cheung Ho Ngai, Lee Ho Yin Jason, Ng Hiu Tsun
Justifying that the sample variance of n independent samples from a Normal random variable is $\chi^2(n - 1)$ up to scaling

Shenghao Zhang, Weixiao Wang, Jiajun Lei
What range are you in? The distribution of people's height

QIU Yizhang, REN Pingping, SU Runlong and WAN Yuxuan
From Median to Median-of-Means Estimator

21 April 2021, 12.30-1.30
Xue Shaohua, Mao Yifan, Yu Xihang, Tao Zhisheng
Multivariate normal distribution and its applications

Ho Kam Hung and Lam Shi Shing
Modeling covid transmission

JIANG Hongxu ; XU Haorui ; DAI Weican; LIU Haoyu
Sleep enough: what daily activities should we do?

Haitong LIU, Yilei JIANG, Junjie XIE, Jiuming WANG
Statistics in Multi-Armed Bandits