

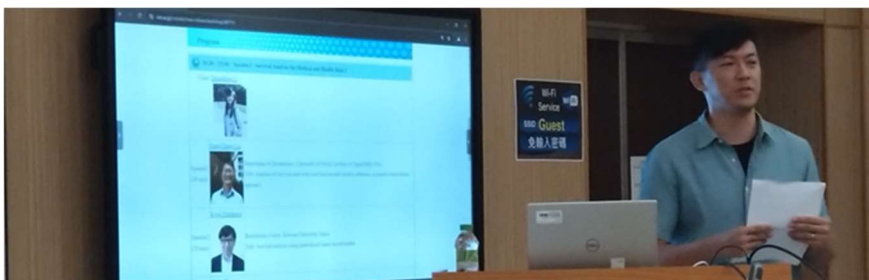
International Workshop on Statistical and Data Science
Survival and Correlated Data

(国際ワークショップ 2024: 医療健康データの生存時間解析)

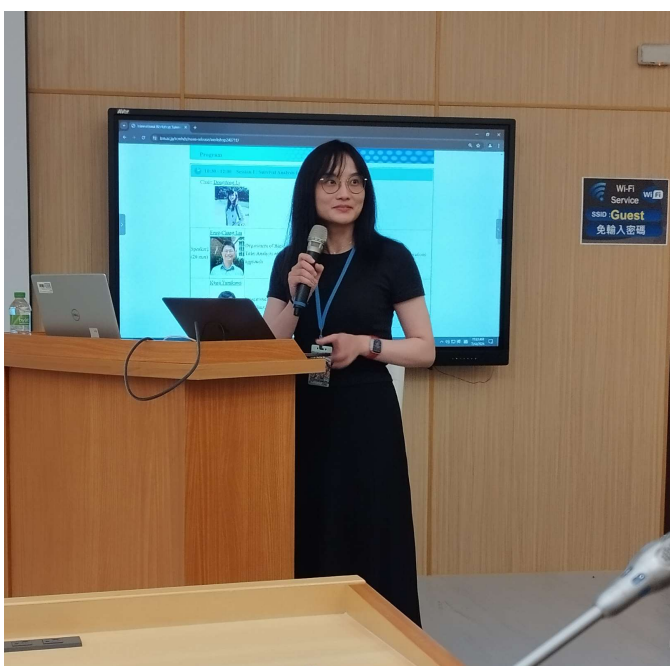
July 11, 2024, 10:30-15:30 @ Institute of Statistical Science (ISS), Academia Sinica



Organizer: ISS, Academia Sinica and Res Center for Medical and Health Data Science, ISM
Chairs: Ming-Chung Chang (ISS) and Takeshi Emura (ISM)



Opening (Ming-Chung Chang)



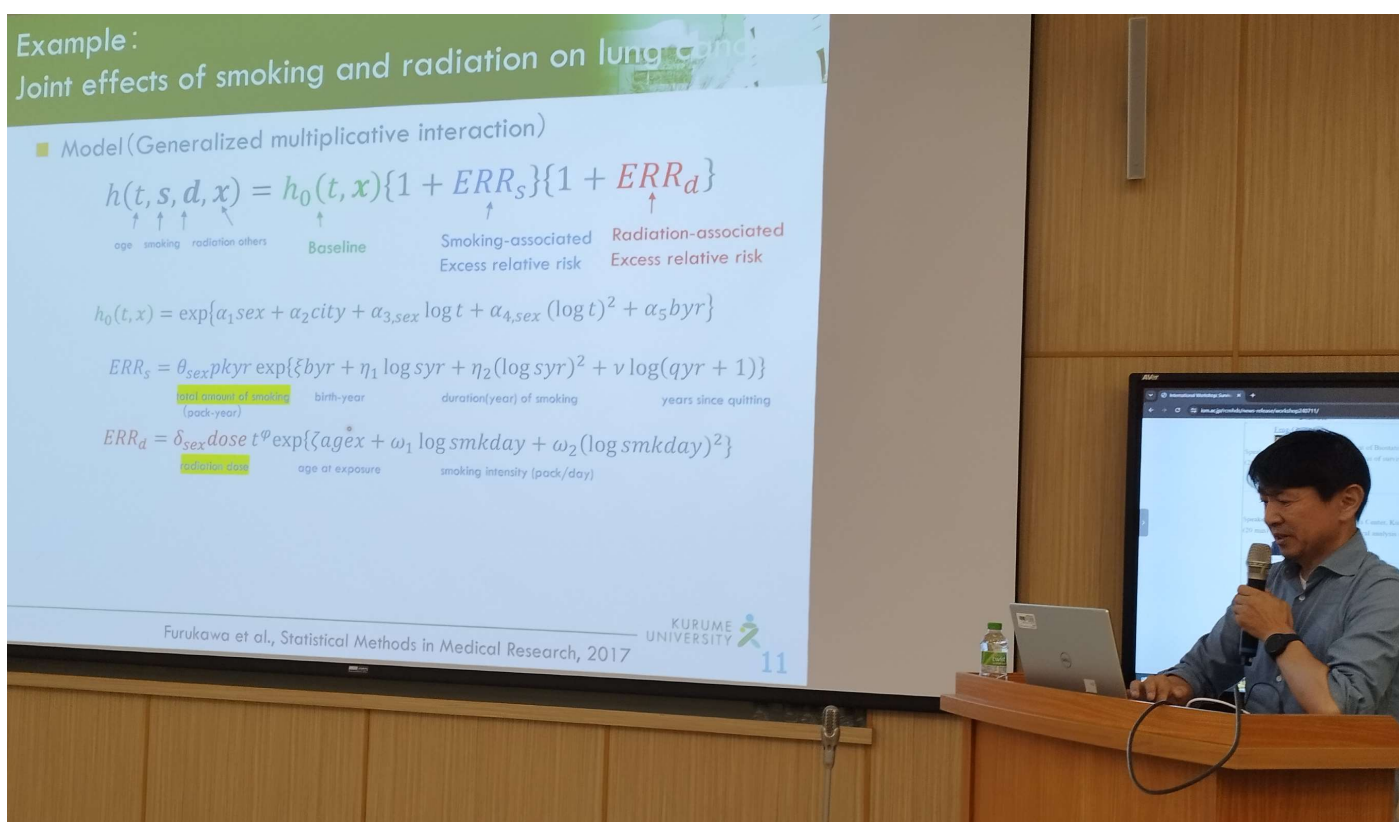
Morning Session Chair (Dongdong Li):



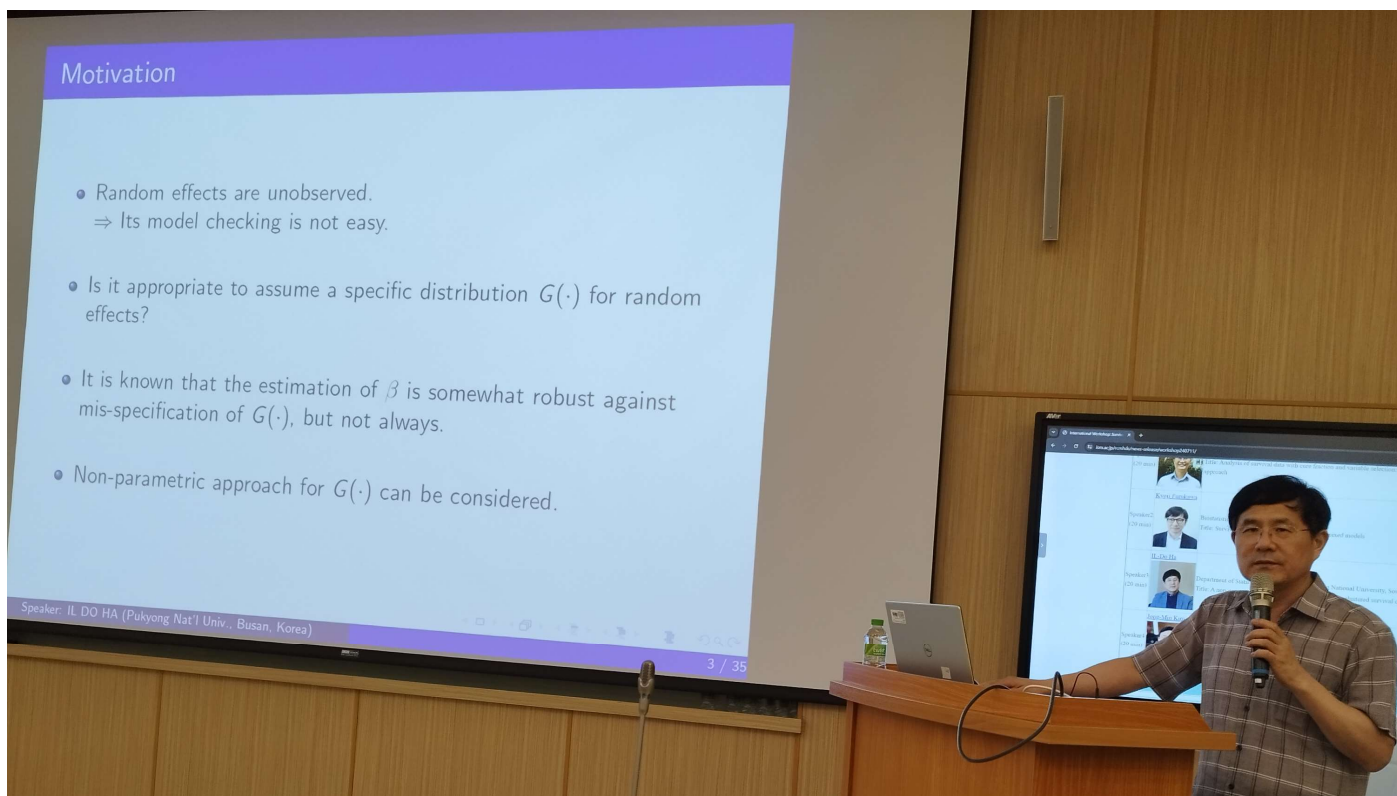
Afternoon Session Chair (Takeshi Emura).



Feng-Chang Lin (UNC at Chapel Hill): Analysis of survival data with cure fraction and variable selection: A pseudo-observations approach. Ref: <https://doi.org/10.1177/09622802221108579>



Kyoji Furukawa (Biostatistics Center, Kurume U) Survival analysis using generalized linear mixed models. Ref: <https://doi.org/10.1177/096228021455>

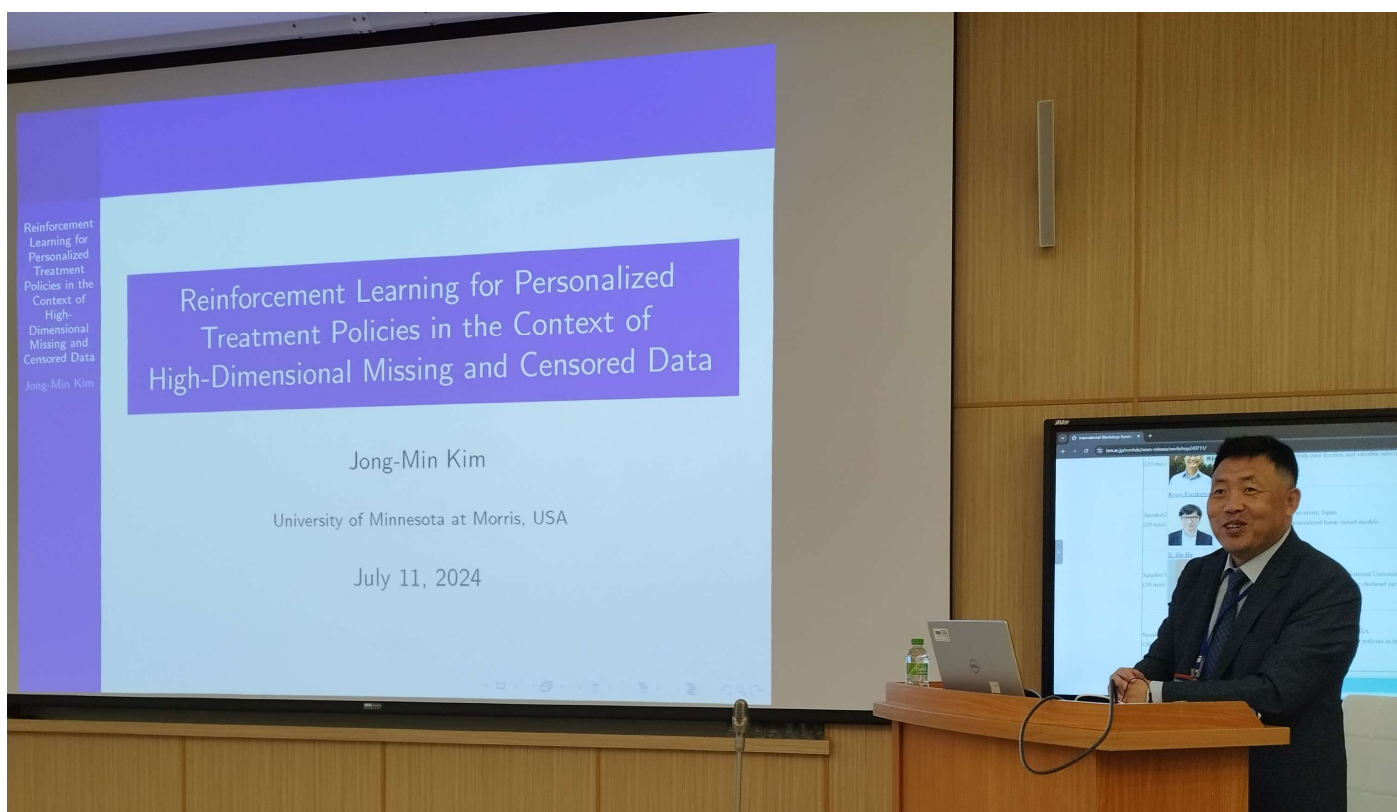


IL-DO Ha (Department of Statistics & Data Science, Pukyong National U)

A non-parametric mixture modelling approach for clustered survival data.

Ref: <https://doi.org/10.1177/09622802211037072>

Ref: <https://doi.org/10.1016/j.csda.2024.107958>



Jong-Min Kim (Statistics Discipline, U of Minnesota-Morris) Reinforcement learning for personalized treatment policies in the context of high-dimensional missing and censored data. Ref: <https://doi.org/10.3390/axioms13040212>



12:00 Lunch break at 2F lounge



18:30 Dinner at 鼎泰豐

Participant 1 (Left most): Prof. Jia-Han Shih (National Sun Yat-sen Univ, Taiwan)
Participant 2 (center of the left photo), Prof. Nanami Taketomi (Hiroshima Univ, Japan)



Dongdong Li (Harvard Medical School; Harvard School of Public Health)
Distributed Regression Analysis with A Software Package in SAS



Left: Mr. JiHoon Kwon (Department of Statistics & Data Science, Pukyong National U)
Copula-based deep learning survival modelling approach

Right: Mr. Kosuke Nakazono (Research Center for Medical and Health Data Science, ISM)
Computation of the Mann-Whitney effect under parametric survival copula models

Ref: <https://doi.org/10.3390/math12101453>



Left: Sheng-Zhan Hua (ISS, Academia Sinica)

Generalization Error Minimization in Gaussian Processes via Subdata Selection

Li-Hua Peng (ISS, Academia Sinica) Addressing Correlation in Linear Regression:
Enhanced SGD with K-Means and Simulated Annealing

See you again in 2025 Survival Analysis Workshop!



Lunch break: with Prof. Mei-Ling Ting Lee (Editor-in-Chief of Lifetime Data Analysis)

* We are lucky and honored to take a photo with Prof Lee who stayed at ISS!