

YEN-CHUN LIU

✉ yenchun.liu@duke.edu ☎ (+1) 984-837-1553

Department of Statistical Science, Duke University, Durham, NC 27708

EDUCATION

Ph.D. student in Statistics

Duke University

Aug., 2022 - present

Durham, USA

M.S. in Statistics

National Tsing Hua University (NTHU)

Sep., 2020 - July, 2022

Hsinchu, Taiwan

B.S. in Mathematics

National Taiwan University (NTU)

Sep. 2015 - Jan. 2020

Taipei, Taiwan

Exchange Program

Department of Mathematics and Statistics, Masaryk University

Sep., 2019 - Jan., 2020

Brno, Czech Republic

PUBLICATIONS

Methodology

- Cheng YJ, **Liu YC**, Tsai CY, Huang CY. Semiparametric estimation of the transformation model by leveraging external aggregate data in the presence of population heterogeneity. *Biometrics*. 2022

Medical Analysis

- Reyes K., **Liu YC**, Huang CY, Banerjee R., Martin T., Shah N., Wong S., Wolf J., Arora S., Chung A. Clinical Outcomes and Salvage Therapies in Patients with Relapsed/Refractory Multiple Myeloma Following Progression on BCMA-Targeted CAR-T Therapy. *Blood*. 2022; 140(Supplement 1), 617-619.
- Reyes K., **Liu YC**, Huang CY, Banerjee R., Martin T., Shah N., Wong S., Wolf J., Arora S., Chung A. Salvage therapies and clinical outcomes after relapse following BCMA CAR-T in patients with relapsed/refractory multiple myeloma. *Clinical Lymphoma Myeloma and Leukemia*. 2022 OAB-051; S31-S32. 10.1016/S2152-2650(22)00324-X (Featured Relapsed/Refractory Multiple Myeloma Abstract)

CONFERENCES

Medical Analysis

- (Plenary Session) Reyes K, **Liu YC**, Huang CY, Banerjee R, Martin T, Shah N, Wong S, Wolf J, Arora S, Chung A. Salvage therapies and clinical outcomes after anti-BCMA-CAR-T therapy relapse. 2022 IMS Annual Meeting, Los Angeles, CA.
- Reyes K, **Liu YC**, Huang CY, Banerjee R, Martin T, Shah N, Wong S, Wolf J, Arora S, Chung A. Clinical outcomes and potentially effective salvage therapies in patients with relapsed/refractory multiple myeloma following progression on BCMA-targeted CAR-T therapy. 2022 American Society of Hematology (ASH) Annual Meeting

RESEARCH EXPERIENCES

Student Research Assistant

Institute of Statistics, NTHU

Dec., 2020 - July, 2022

- Advisor: Yu-Jen Cheng; Co-Advisor: Chiung-Yu Huang (UC San Francisco)
- For the paper *Semiparametric estimation of the transformation model by leveraging external aggregate data in the presence of population heterogeneity*.

Summer Research Intern

Institute of Information Science, Academia Sinica

July 2018 - Aug. 2018

- Advisor: Da-Wei Wang
- Topic: Analyzing electronic health records through natural language processing methods

SKILLS & TOOLS

R, Python, Matlab (basic), C/C++ (basic), LATEX

TEACHING EXPERIENCES

Survival Analysis

Spring 2022

Calculus A (I), (II)

Fall 2018 - Spring 2019

HONORS AND AWARDS

Dr. Chen Wen-Chen Statistical Scholarship

2022

Academic Excellence Scholarship, NTHU

Fall 2020, Spring 2021

New Graduate Merit Scholarship, NTHU

2020

Intergovernmental Exchange Programmes Scholarship (Full Ride)

2019-2020

Dr. Chen Wen-Chen Memorial Scholarship, NTU

2018

Second place in Freshman English Presentation Contest, NTU

2016

Gold medal in 29th Pittsburgh Invention and New Product Invention Exposition

2014

EXTRACURRICULARS

Translation Volunteer, Amnesty International

2017 - 2018

Vice Officer of Gender Diversity Division, NTU Students Association

2017 - 2018

Team Leader of Women's Basketball Team, NTU Math

2018 - 2019