YEN-CHUN LIU

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

EDUCATION

Ph.D. student in Statistics *Aug., 2022 - present*
Duke University Durham, USA

M.S. in Statistics *Sep., 2020 - July, 2022*
National Tsing Hua University (NTHU) Hsinchu, Taiwan

B.S. in Mathematics *Sep. 2015 - Jan. 2020*
National Taiwan University (NTU) Taipei, Taiwan

Exchange Program *Sep., 2019 - Jan., 2020*
Department of Mathematics and Statistics, Masaryk University 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 Baseketbal Team, NTU Math	*2018 - 2019*