Contents

Publication

ˆ indicate co-first authors.

- **Yujia Li**, Xiangrui Zeng, Chien-Wei Lin, George C. Tseng. (2021) Simultaneous estimation of cluster number and feature sparsity in high-dimensional data cluster analysis. Biometrics (in press), https://doi.org/10.1111/biom.13449
- **Yujia Liˆ**, Tanbin Rahmanˆ, Tianzhou Ma, Lu Tang and George C. Tseng. (2021) A sparse negative binomial mixture model for clustering RNA-seq count data. Biostatistics. Accepted (https://doi.org/10.1093/biostatistics/kxab025).
- **Yujia Liˆ**, Jessica Toothakerˆ, Collin McCourt, Lael Werner, Scott Snapper, Dror Shouval, Omry Koran, Sameer Agnihorti, George Tseng, Liza Konnikova. (2020) In Utero Human Intestine Harbors Unique Metabolome Including Bacterial Metabolites. JCI Insight. (https://insight.jci.org/articles/view/138751)
- Tanbin Rahman, Hsin-En Huang, **Yujia Li**, An-shun Tai, Wen-Ping Hsieh, George C. Tseng. (2021) A sparse negative binomial classifier with covariate adjustment for RNA-seq data. Annals of Applied Statistics. Accepted.
- **Yujia Li** and George C. Tseng (2021+). "Association study between gene expression and multiple phenotypes in omics applications of complex diseases". Manuscript in preparation
- Azadeh Nasrazadaniˆ, **Yujia Liˆ**, Yusi Fang, Jennifer M. Atkinson, Joanna S. Lee, Priscilla F. McAuliffe, George Tseng, Adrian V. Lee, Peter C. Lucas, Steffi Oesterreich, Norman Wolmark. (2021+) Comprehensive Clinicopathologic Characterization of Mixed Invasive Ductal Lobular Carcinoma: A Meta-Analysis. Manuscript in preparation.

On-going methodological projects

- Outcome-Guided clustering with joint-modelling of phenotypes and transcriptomic data.

Abstract Accepted by Conferences

- Azadeh Nasrazadani, **Yujia Li**, et al. Abstract PS7-15: Mixed invasive ductal lobular carcinomas (mDLC) are clinically more similar to invasive lobular carcinoma (ILC) than to invasive ductal carcinoma (IDC)[J]. SABCS, 2021. DOI: 10.1158/1538-7445.SABCS20-PS7-15
- Azadeh Nasrazadani, **Yujia Li**, et al. "Mixed Invasive Ductal-Lobular Carcinoma: Clinicopathological Characterization and Clinical Outcomes.", S. Journal of Clinical Oncology, 2020. DOI:10.1200/JCO.2020.38.15_suppl.1085
- Azadeh Nasrazadani, Jennifer M Atkinson, **Yujia Li**, et al. Abstract P2-16-26: Mixed invasive ductal and lobular carcinoma (IDC/L) behaves similarly to invasive lobular carcinoma (ILC) with regard to neoadjuvant chemotherapy response and metastatic dissemination[J]. SABCS, 2020. DOI:10.1158/1538-7445.SABCS19-P2-16-26
- Azadeh Nasrazadani, **Yujia Li**, et al. "Mixed Invasive Ductal-Lobular Carcinoma: Clinicopathological Characterization and Clinical Outcomes", S. Journal of Clinical Oncology 2019. DOI:10.1200/JCO.2019.37.15_suppl.e12531