

Penghui Huang

130 De Soto St, Pittsburgh, PA 15261, USA
huangpenghui@pitt.edu

EDUCATION	University of Pittsburgh , Pittsburgh, PA, USA	
	▪ Ph.D. in Biostatistics	Aug 2022 – Present
	University of Science and Technology of China , Hefei, China	
	▪ B.S. in Statistics	Sep 2018 – Jun 2022
EXPERIENCE	Teaching Assistant	
	▪ Department of Biostatistics, University of Pittsburgh	Aug 2023 – Dec 2023
	• Introduction of Causal Inference	
	• Grade homework, hold office hours, teach lab sessions.	
	Graduate Research Assistant	
	▪ Department of Biostatistics, University of Pittsburgh	Sep 2022 – Present
	• Develop novel statistical tools to estimate cellular fractions using omics data	
PUBLICATIONS	PREPRINTS	
	[1] Huang, Penghui, Manqi Cai, Xinghua Lu, Chris McKennan, and Jiebiao Wang. "Accurate estimation of rare cell type fractions from tissue omics data via hierarchical deconvolution." bioRxiv (2023): 2023-03. (Accepted by AOAS)	
	PUBLISHED	
	None	
AWARDS & SCHOLARSHIPS	▪ Student Research Award, New England Statistics Symposium	2023
	▪ Research Poster Award, ICSA Applied Statistics Symposium	2023
	▪ Student Paper Competition Honorable Mention, ICSA Applied Statistics Symposium	2023
	▪ Best PhD Poster Award, Biostatistics Research Day, University of Pittsburgh	2023
	▪ Outstanding Student Scholarship, University of Science and Technology of China	2019,2021
	▪ Freshmen Scholarship, University of Science and Technology of China	2018
PRESENTATIONS	TALKS	
	▪ ICSA Applied Statistics Symposium	2023
	▪ The 36 th New England Statistics Symposium	2023
	POSTERS	
	▪ The 36 th New England Statistics Symposium	2023
	▪ ASA Pittsburgh Chapter Spring Banquet	2023
	▪ ENAR 2023 Spring Meeting	2023
	▪ Pitt Biostatistics Research Day	2023
ACADEMIC AFFILIATIONS	American Statistical Association (ASA)	
	▪ Member	2022 – Present
	Eastern North American Region of the International Biometrics Society (ENAR)	
	▪ Member	2022 – Present
	International Chinese Statistical Association (ICSA)	
	▪ Member	2022 – Present
MANUSCRIPT REVIEW SKILLS	Bioinformatics, Frontiers in Psychiatry.	
	R (programming language), Python, C, SAS, STATA, Mathematica, L ^A T _E X.	