

# Jianqiao Wang

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CONTACT INFORMATION	<i>Address:</i> Room 501A Blockley Hall 423 Guardian Drive Philadelphia PA, 19104	<i>Phone:</i> (+1)215-452-1044 <i>E-mail:</i> <a href="mailto:wangjq@pennmedicine.upenn.edu">wangjq@pennmedicine.upenn.edu</a> <a href="http://www.jianqiao.me">www.jianqiao.me</a>
EDUCATION	Ph.D. in Biostatistics, 2017-2022 Department of Biostatistics, Epidemiology and Informatics University of Pennsylvania Advisor: Hongzhe Li  M.S. in Biostatistics, 2017-2019 University of Pennsylvania  B.S., Statistics, 2013-2017 Renmin University of China	
PUBLICATIONS	<p>Hsu, C. Y., Yang, W., Parikh, R. V., Anderson, A. H., Chen, T. K., Cohen, D. L., He, J., Mohanty, M. J., Lash, J. P., Mills, K. T., Muir, A. N., Parsa, A., Saunders, M. R., Shafi, T., Townsend, R. R., Waikar, S. S., <b>Wang, J.</b>, Wolf, M., Tan, T. C., Feldman, H. I., CRIC Study Investigators (2021). Race, Genetic Ancestry, and Estimating Kidney Function in CKD. <i>The New England journal of medicine</i>, 385(19), 1750-1760.</p> <p><b>Wang, J.</b>, Wang, W., and Li, H. (2021). Sparse Block Signal Detection and Identification for Shared Cross-Trait Association Analysis. <i>Annals of Applied Statistics</i>, accepted.</p> <p><b>Wang, J.</b>, and Li, H. (2021). Estimation of genetic correlation with summary association statistics. <i>Biometrika</i>, accepted.</p> <p>Xu, K., <b>Wang, J.</b>, Pan, R., and Wang, H. (2019). Photographic diary: a new estimation approach to PM 2.5 monitoring. <i>Statistics and Its Interface</i>, 12(3), 387-395.</p> <p>Chen, Y., <b>Wang, J.</b>, Chubak, J., and Hubbard, R. A. (2019). Inflation of type I error rates due to differential misclassification in EHR-derived outcomes: Empirical illustration using breast cancer recurrence. <i>Pharmacoepidemiology and drug safety</i>, 28(2), 264-268.</p>	
PREPRINTS	<p><b>Wang, J.</b>, Li, S., and Li, H. (2021). A Unified Approach to Robust Inference for Genetic Covariance. Revisions invited.</p> <p><b>Wang, J.</b>, Cui, Y., and Su, W. Two-sample comparison via unsupervised random forest.</p>	
WORKING PAPERS	<p><b>Wang, J.</b>, and Li, H. Whole Genome-wide Shared Signals Detection and Identification: A Conditional P-value approach.</p> <p>Miao, Z., <b>Wang, J.</b>, Han, S.Y., Kim, J. (2021): A Statistical Approach for ATAC-seq Data Demultiplexing. (co-first author)</p>	
TALKS & PRESENTATIONS	Contributed talk at JSM 2018: 'Integrating Data from GWAS and EQTL by Estimating Genetic Relatedness'.	

Poster at JSM 2020: 'Robust Estimation of Genetic Covariance in High-Dimensional Generalized Linear Model'.

Contributed talk at JSM 2021 : 'A Unified Approach to Robust Inference for Genetic Covariance'.

TEACHING EXPERIENCE	Teaching assistant, 2018 Fall, BSTA 620 Probability
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PROFESSIONAL ACTIVITIES	Organizer of the 9th China-R Conference
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REFEREE SERVICE	Biometrics
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