

Combi Seminar

Wednesday, 2.13.19 | 1:30 | Foege Auditorium

Dr. Ali Shojaie

Associate Professor, Department of Biostatistics
University of Washington

“Omics Integration in Heterogeneous Data Settings”

Advances in high throughput technologies have facilitated the collection of multiple types of omics measurements, including genomics, epigenomics, proteomics, metabolomics and more. The ultimate goal is to integrate these disparate, yet related omics data sets to gain new insights into biology and human diseases. However, despite significant progress, integrative analysis methods for multiple types of omics data are still in their infancy. In particular, existing methods for multi-omics data integration require matched samples, and are thus not applicable in heterogeneous data settings. In this talk, I will discuss two new approaches for integrating multi-omics data from heterogeneous samples and demonstrate how they can lead to new discoveries.

research: <http://faculty.washington.edu/ashojaie/>

Questions? Contact Brian Giebel at bgiebel@uw.edu or visit the Combi website at <http://www.gs.washington.edu/news/combi.htm>

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