

COLLOQUIUM

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Distributed Computing

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A405 Wells Hall

10:20 a.m. - 11:10 a.m.

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Abstract

Today's technology has enabled researchers to tackle larger and more complicated analyses while reducing the processing time. One way to do this is through distributed computing. Distributed computing breaks down complicated computations that can be performed independently on multiple computers and then the results are pieced back together to create the final product. This talk will cover the distributed computing capabilities provided by the software package Revolution R from Revolution Analytics. We will be looking at how to access, setup and run the software as well as looking at examples of how to use distributed computing for fitting logistic regression models, cross tabulation and k-means clustering.

To request an interpreter or other accommodations for people with disabilities, please call the Department of Statistics and Probability at 517-355-9589.