

Reproducible Research: Automating Your Science

Most researchers spend hours making tables and figures to accurately and concisely represent their results. However, this process is often repetitive and must often be repeated when there is a change in the underlying statistical model or data. This workshop covers how to automate these repetitive steps into a coherent data analysis pipeline with dynamic documents while keeping track of a detailed version control, allowing scientists to spend more time on their research.

The workshop details are as follows:

Date: July 4, 2017 (Tue)

Time: 9:30 am to 12:30 pm and 2:00 pm to 5:00 pm

Venue: CPD-4.16, 4/F The Jockey Club Tower, Centennial Campus

A workshop outline is available [here](#). There are two parts in the workshop – *version control* and *dynamic documents*, each containing task-oriented practical exercises to be completed by the participants.

Registration is needed for the workshop. Students who are interested please complete the "[Application Form for Workshop Registration](#)" and submit it to the Graduate School by **Jun 30, 2017**.

About the workshop leader

Robert Porsch is a 4th year PhD candidate in Statistical Genetics in the Department of Psychiatry. He is interested in how genetic variations affect human behavior and how various complex bioinformatic data analysis pipelines and statistical models can be applied to investigate the genetic architecture of aggressive behavior in large population based samples.

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