

SISG Module 8, Statistical Genetics, Schedule 2022

Monday July 18

- 8:00-9:15 Lecture 1 Allele Frequencies and Variances.
9:15-9:35 Break
9:35-11:05 Practical 1 Importing data into R; Simulating data; Allele frequencies.
11:05-11:25 Break
11:25-12:40 Lecture 2 Hardy-Weinberg Equilibrium.
12:40-1:00 Break
1:00-2:30 Practical 2 Hardy-Weinberg Equilibrium.

Tuesday July 19

- 8:00-9:15 Lecture 3 Inbreeding and Relatedness.
9:15-9:35 Break
9:35-11:05 Practical 3 Inbreeding and Relatedness.
11:05-11:25 Break
11:25-12:40 Lecture 4 Population Structure.
12:40-1:00 Break
1:00-2:30 Practical 4 Population Structure.

Wednesday July 20

- 8:00-9:15 Lecture 5 Quantitative Trait Analyses. Heritability and GWAS.
9:15-9:35 Break
9:35-11:05 Practical 5 Quantitative Trait Analyses. Heritability and GWAS.

All times US Pacific Daylight.

Zoom link for Lectures: <https://washington.zoom.us/j/94549576039>

Zoom link for Practicals: <https://unil.zoom.us/j/97231005438>

SLACK channel: <https://uwbiostatisticssisg.slack.com>