

Week 3 Summary

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Monday

Monring

Talk with Beata

Genetic Associate Analysis

- QTL analysis
 - Analysis of quantitative trait loci for bi-parental populations
- Genome-wide association analysis
 - Analysis for panels of genotype carrying diverse germplasm
- Wgaim
 - Model extraneous variations that relevant to plant field trails and allows whole genome QTL analysis
- Bayesian approach
 - Gives out graphs to filter the strongest signal from samples

Tuesday

Monring

Talk with Paul

His working experience

- Paul have worked as a statistician for more than 20 years
- Worked with different groups of people around campus
 - Advantages of working with statisticians: bouncing new ideas around
 - Advantages of working with different groups: getting to know everyone
- It is important to consult with biometricians throughout a project rather than later towards the finishing of a project

Wednesday

Morning

Talk with Olena

Honours Project

- The structure and requirement of the honors project
- Importance of including R coding and statistics into every year of the agricultural science degree
- The benefit of doing honors project and the challenges