

Introduction to Notes on Statistical Genetics

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Main documents

- **Quantitative Genetics Theory**
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- **Estimation of Genetic Parameters**
 - Provides an introduction to the genetic model of complex traits, genetic parameters, and which statistical models that can be used to estimate genetic parameters of interest.
- **Estimation of Genetic Predisposition**
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- **Gene Set Enrichment Analysis**
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Supporting documents

- **Basic Concepts in Matrix Algebra**
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- **Basic concepts in Probability and Statistics**
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- **Restricted Maximum Likelihood**
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- **Linear Mixed Models used in Quantitative Genomics**
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- **Best Linear Unbiased Prediction used in Quantitative Genomics**
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- **Bayesian Linear Regression**
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- **Gene Set Enrichment Analysis**
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- **Prediction accuracy**
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