Genetic and Environmental risk factors of Schizophrenia and Autism

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Abstract

Declaration

Acknowledgements

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Introduction

Literature Review

Heritability and Risk Prediction in Schizophrenia and Autism

Topic	Content
Heritability Estimation	Quantitative Trait
	Polygenic Traits
	Oligogenic Traits
	Mendelian Traits?
	Rare Variants
	Extreme Phenotype Selection
Heritability estimation	Case Control Studies
	WTCCC
	PGC Schizophrenia
	Autism
Developmental network	Schizophrenia
	Autism
	Combine $WGCNA + SHREK$
	Compare and contrast schizophrenia and autism
Risk Prediction	Linkage disequilibrium
	Things that I have proposed
	Shrinkage
	Tweetie

Heritability Estimation - Quantitative Trait

- 2.1 Polygenic Traits
- 2.2 Oligogenic traits
- 2.3 Rare Variants
- 2.4 Extreme Phenotype Selection

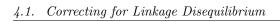
Case Control Studies

- 3.1 Polygenic Traits
- 3.2 Oligogenic traits
- 3.3 Rare Variants

3.3. Rare Variants Chapter 3

Risk Prediction

4.1 Correcting for Linkage Disequilibrium



Appendix