



Introduction

GWAPower is a statistical program developed for medical investigators to estimate statistical power of detecting SNPs association with quantitative trait in genome-wide association studies.

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Parameters setting

Type I Error Rate (Choose one of the two options)

☒ Bonferroni Correction

Total SNP numbers:

570000

☐ Customer Input

Type I Error rate:

8.7719e-008

Heritability (Effect Size) (0.0 - 1.0) :

0.05

Sample size (1 - 1000000):

500

LD between a SNP and causative genetic variant (R^2 , 0.0 - 1.0):

1

How many Covariates:

0

How much variance explained (0.0 - 1.0):

0

Calculation result

570K SNPs PowerCurves...

Help

RUN

Cancel