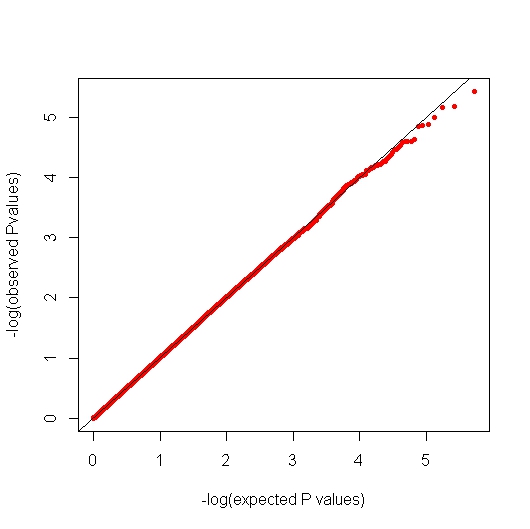
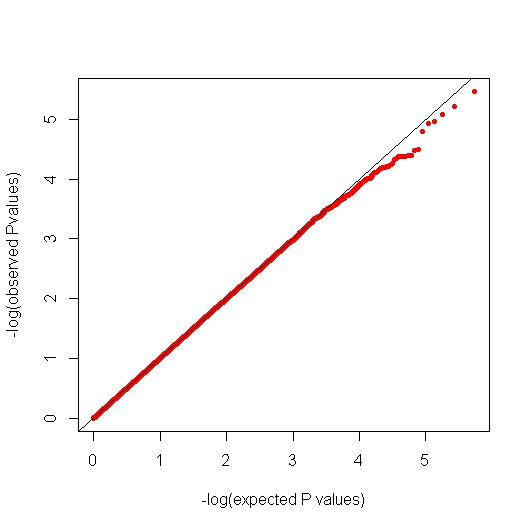
**Figure S3 Quantile-Quantile plot**

1. QQ plot of Central samples.



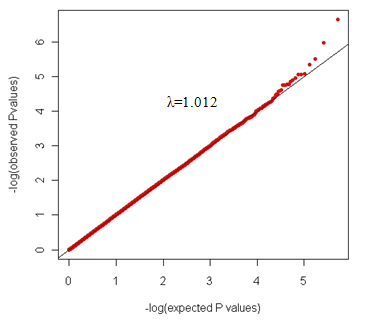
λ=1.013

1. QQ plot of Southern Samples



λ=1.003

1. QQ plot of combined GWAS Samples

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