

Snp HeRitability Estimation Kit (SHREK) Development Log

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We are going to re-write SHREK starting from today. There are a number of main goal in this re-work

1. The whole parameter parsing
2. Better help messages
3. Allow filtering by imputation score (0-1)
4. Filtering of SNPs that have different reference/alternative allele with reference
5. Use Armadillo instead of EIGEN to improve speed
6. Filter *all* SNPs that are in perfect LD

7. Implement the advance variance calculation
8. Start documenting the codes

1.1 Finished today

1. Finished the error message for different modes
2. Finished the parsing for binary trait
3. Finished the parsing for quantitative trait
4. Disabled risk prediction, should focus on the heritability estimation first

I have not perform debugging, there can be error