

Talk on 2011-10-26

1. For the warfarin data, try the “most naïve” way to get the p value. So that we can have a bench marker for our One Gene method.
2. Fix the problem of S_{average} when it is applied to the multi-allelic case.(In detail, if one person has the gene of 12 and the other person has the gene of 13, then their similarity should be 0.25 rather than 0.5)
3. Debug the problem of the Epi-test to see where is wrong, try to fix the type I error.
Try 4 ways to debug:
 - a. Tighten the threshold from 10^{-3} to 10^{-4} .
 - b. Increase the sample size from 100 to 300 (match the sample size of warfarin data)
 - c. Compare the epi test code with One gene test code since they are similar.
 - d. Compare the epi test code with the code when we develop our method long time ago (The QQ plot at that time seems pretty good, so check that code)