**Talk on 2011-10-12**

We will still focus on the Alison’s Data, based on 2 IBS (average IBS and Maxiam IBS) to calculate the 6 p-values (joint test, 2 One Gene test, G-G test and the joint test of PCA and PLS.)

We may also add Dr. Michel P. Epstein to help us write the article. So to help him understand our project, I need to give him the material about what I have done. I can do that based on my written prelim:

1). Change the Variance Component model to a one only considers the genotype.

2). Add the One Gene test

3). Replace the real data analysis with the simulation results.

For the debug of the EM algorithm, we can simply loose the relative difference threshold to to see whether it converge and also try the type I error to see whether it is correct.