GENETICS, SOFTWARE, VITAMINS

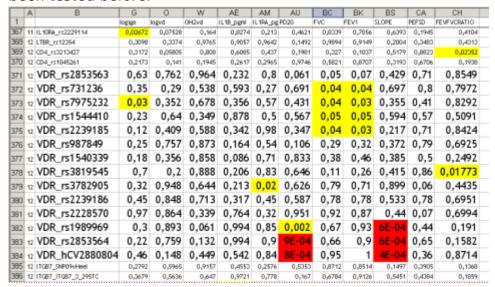
## TONK, PLONK AND PLINK

21.09.2007

I have now used the <u>PLINK</u> software package also for analysing family data. Again it is an excellent program that allows many new views on old data. I could run >20 traits all together on  $\sim 1000$  SNPs in just a few seconds. There are only a few tweaks that I have already emailed to the author like

- -hap-tdt option requires the flag -old-EM
- -all-pheno option works for QTLs but not for categorial phenotypes
- -lookup option needs to have its own output file
- -epistasis option should work in families

The "downside" – there are so many new results from the German asthma family study, mostly additions to already published papers that will be difficult to re-publish. For example VDR variants influence also lung function and bronchial hyperreactivity which has not been tested before.



BTW - the title of this post goes back to an article in JSTOR

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