

Collaborative projects making use of the MDD – GAIN data

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As part of GAIN we did a GWA of 435,291 SNPs for MDD (Sullivan et al., in press). Continued phenotyping in serum and plasma samples made participation possible in collaborative projects that focus on metabolic traits.

Lipids (ENGAGE)

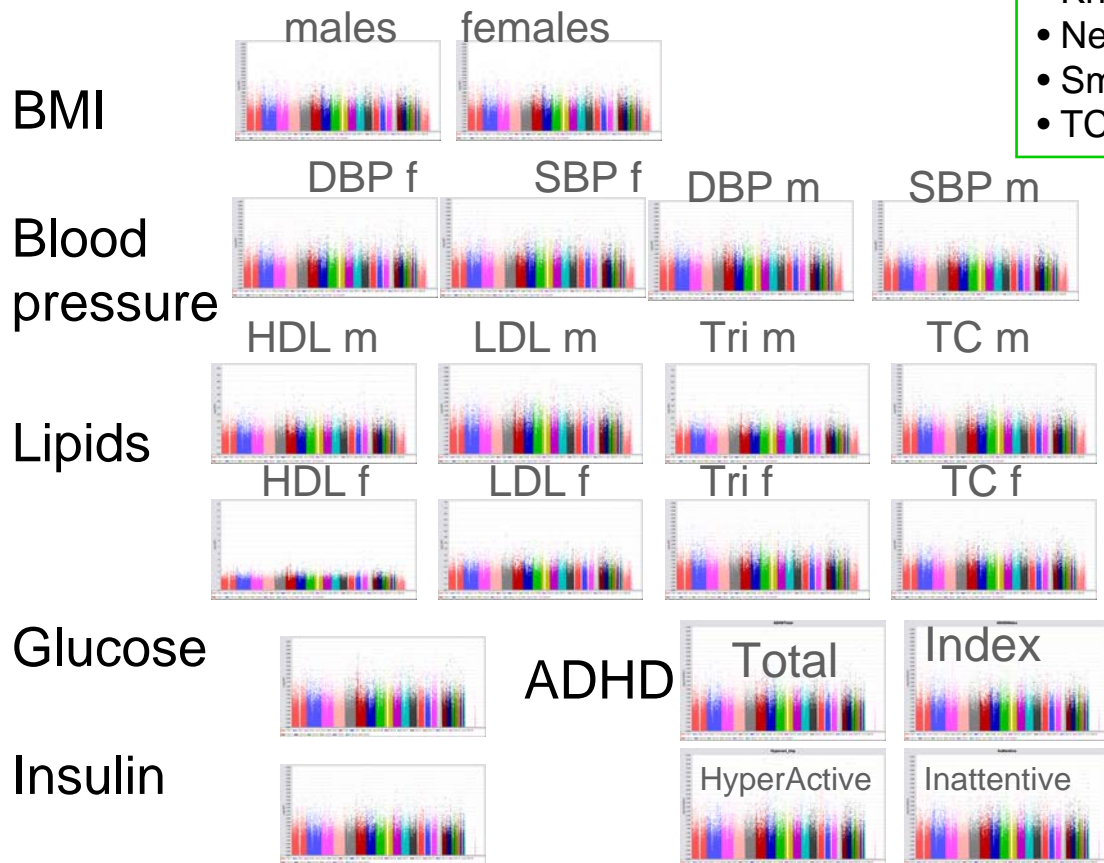
- Known lipid genes are found to be significant
- New genes like TMEM57, ABCG5, DNAH11...
- Small effect sizes
- TC genes increase risk of CHD and IMT

Glucose (MAGIC)

- Our best SNP is not consortium best SNP
- Effects are small
- BMI had no influence on results
- MTNR1B new glucose gene

Other phenotypes

- Anxiety
- Migraine
- ADHD (CAARS)
- Borderline personality disorder
- Current / ever smoking
- Alcohol
- Educational attainment
- Personality (NEO)



N = 3558