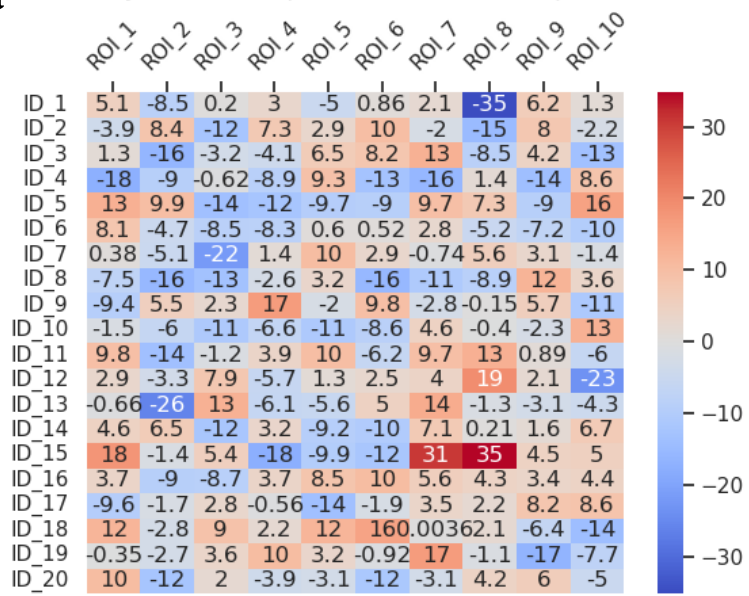
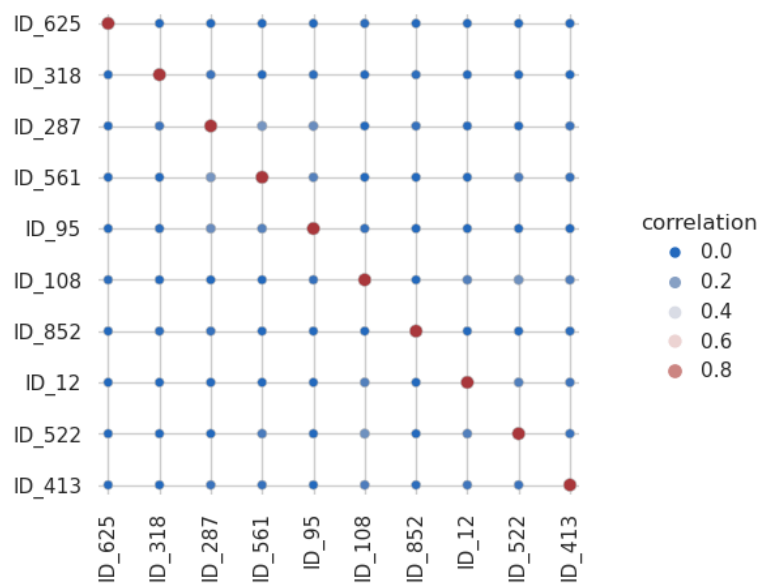


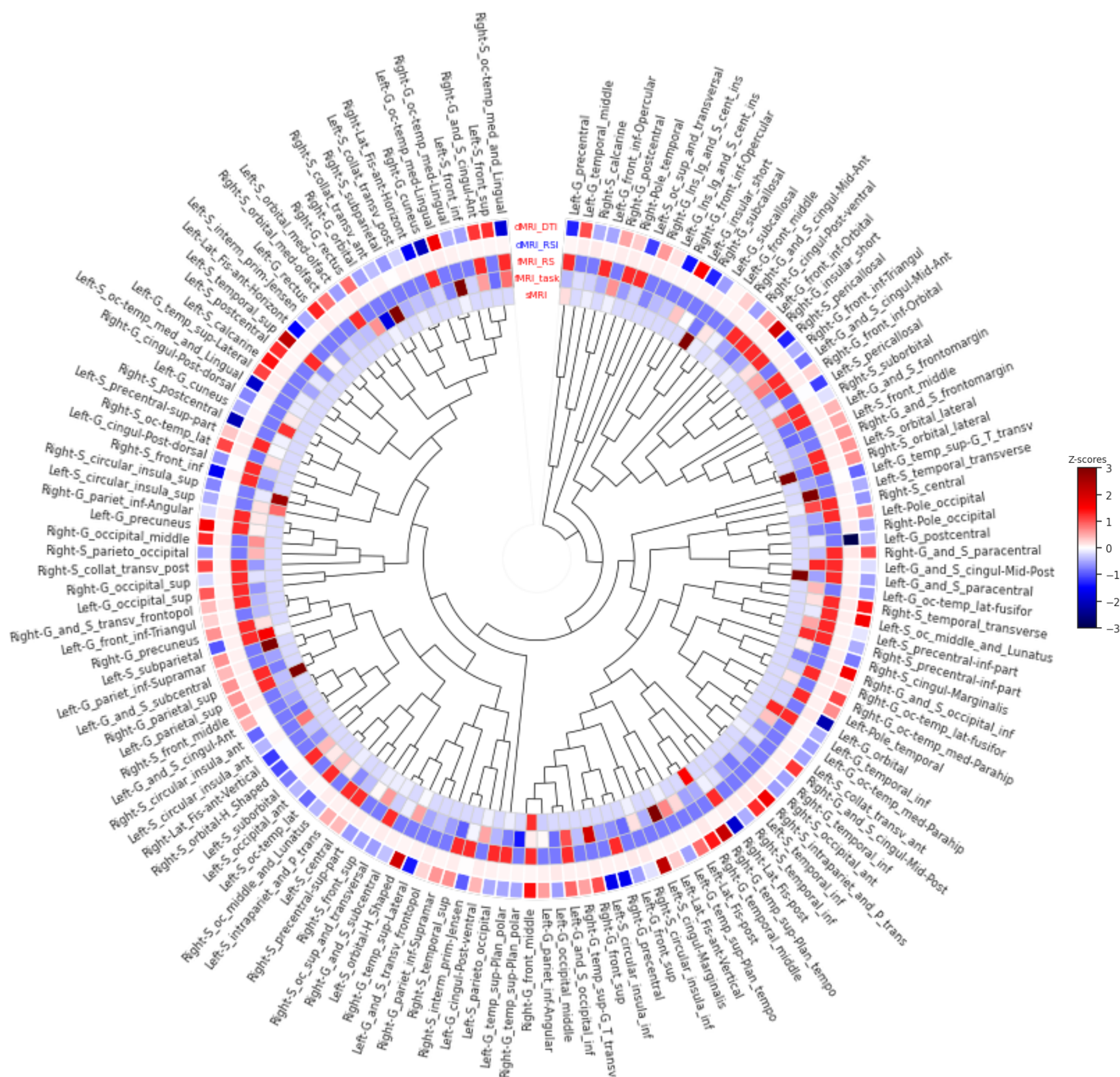
Supplementary Figure S1

a

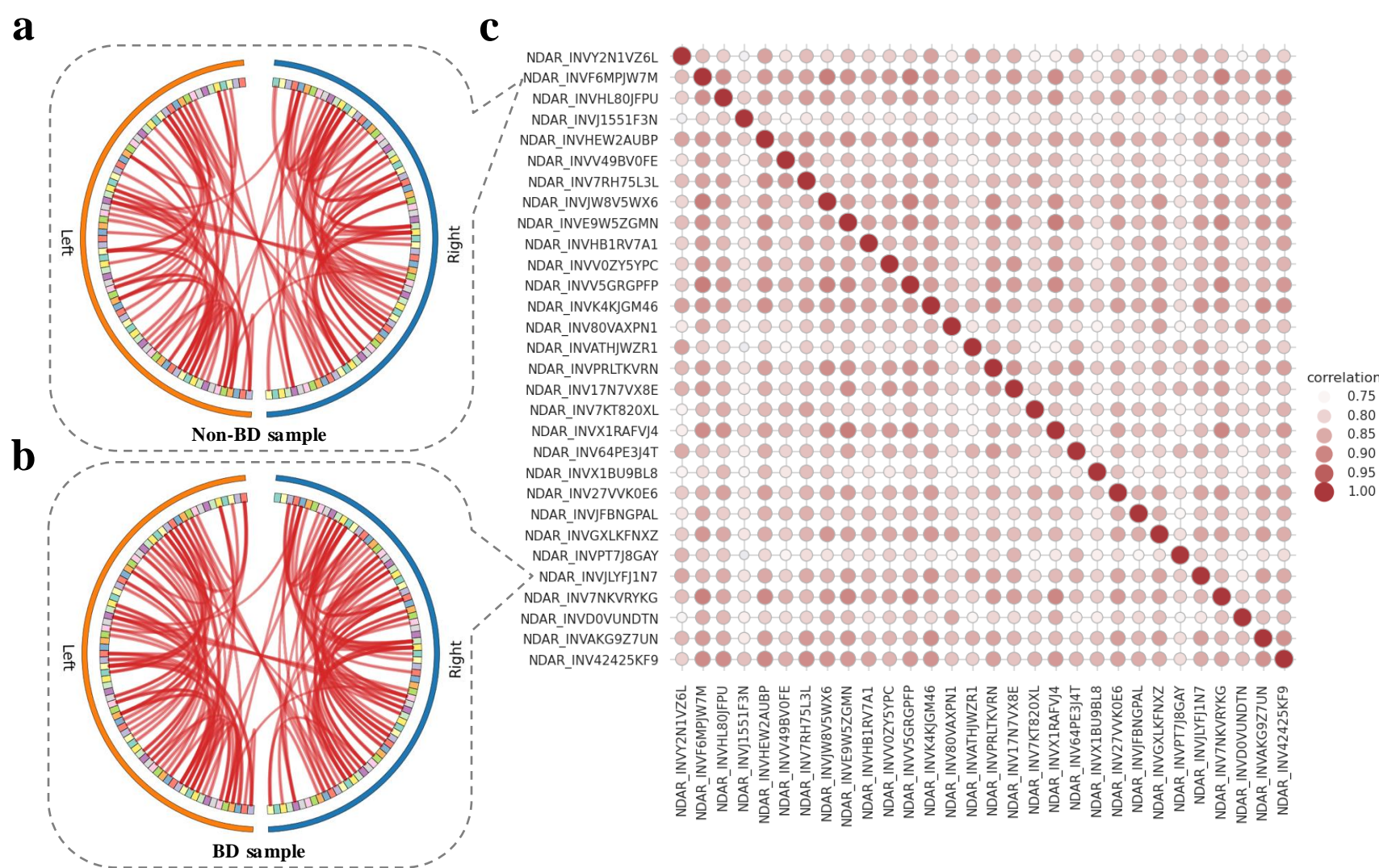
Synthetic examples: 10 ROIs in 20 samples

**b**

Supplementary Figure S2



Supplementary Figure S3



Supplementary Figure S4

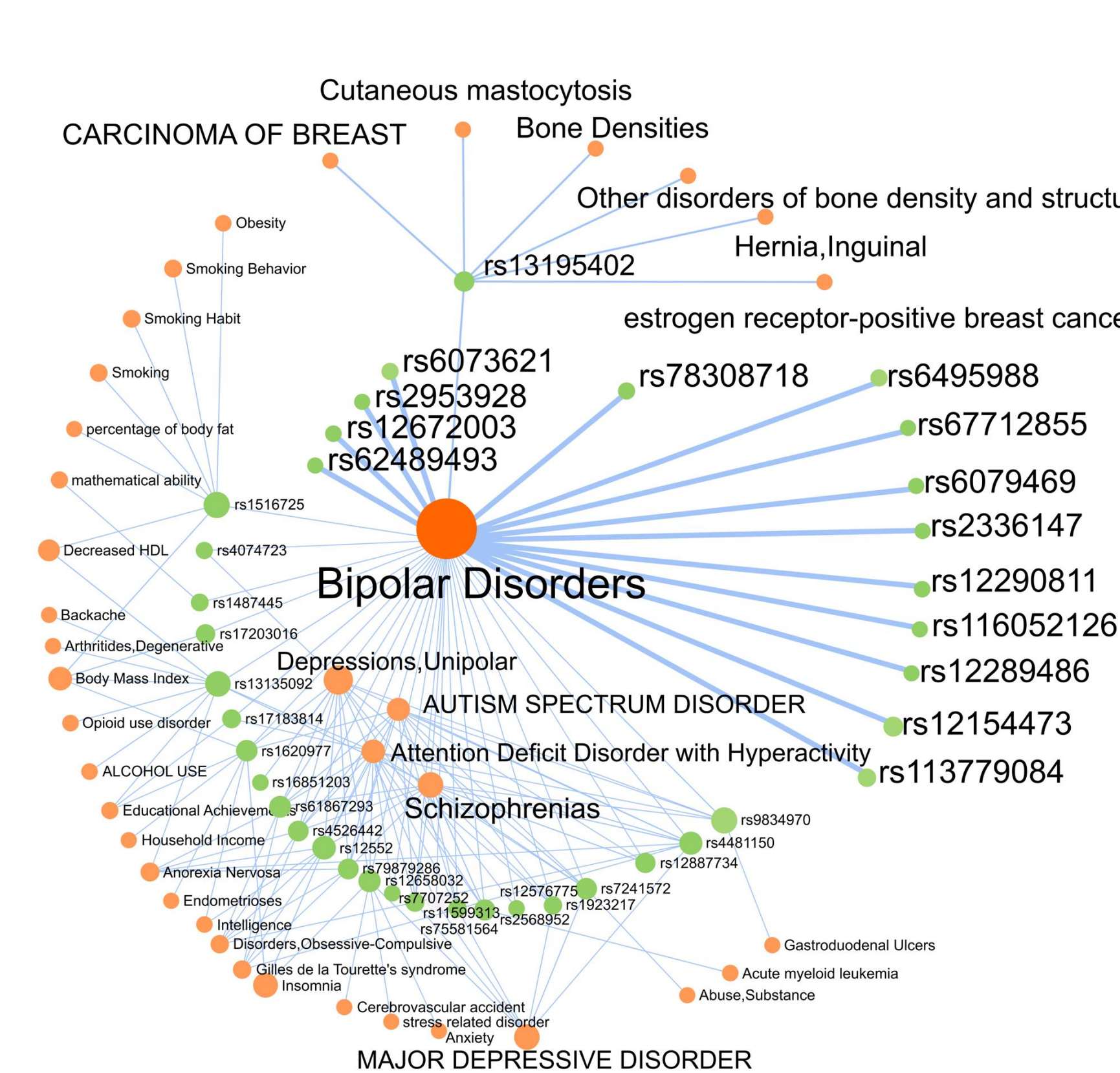
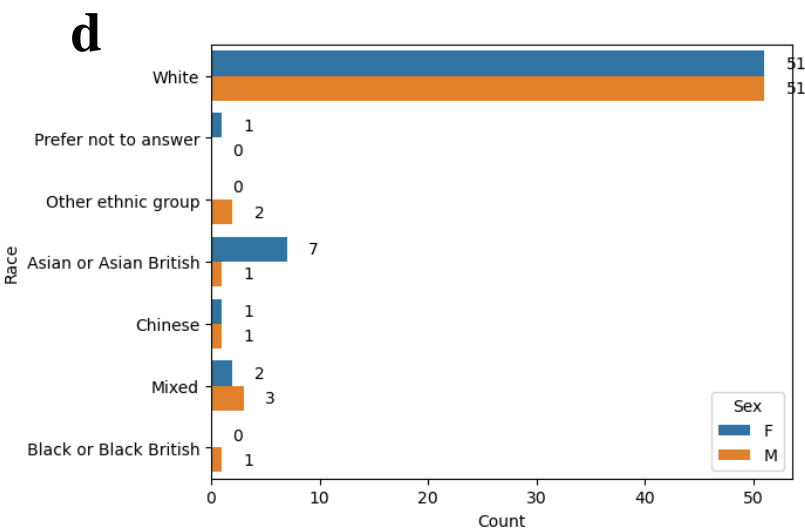
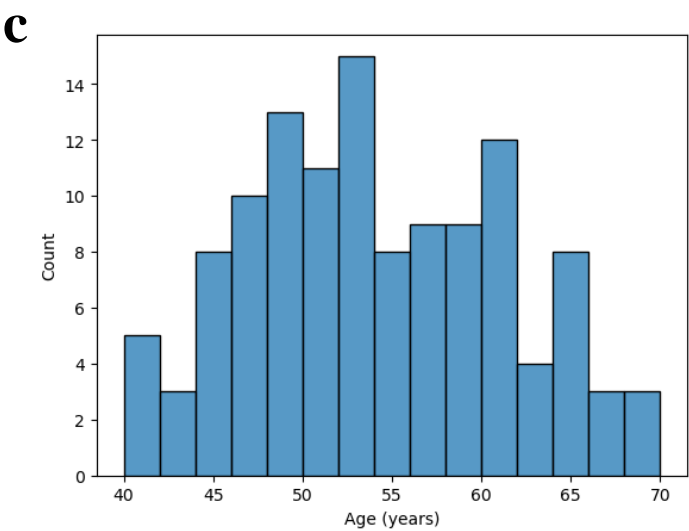
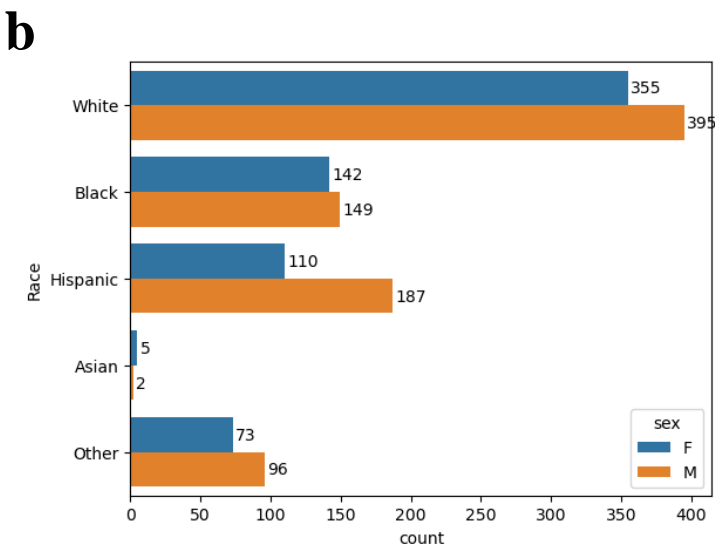
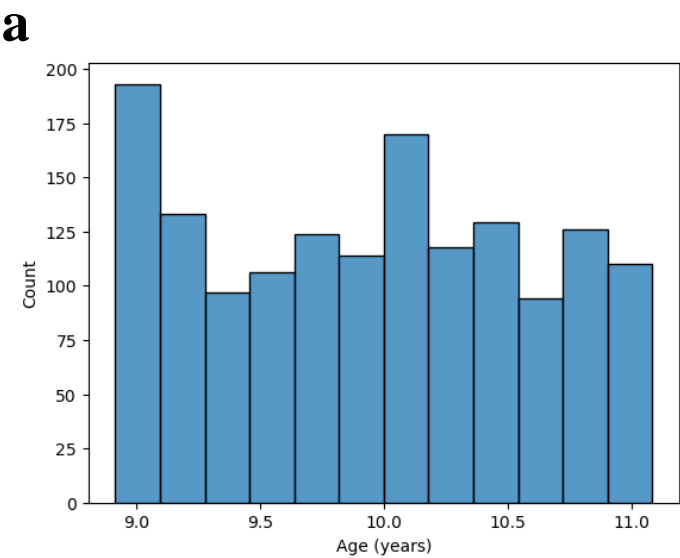


Fig 8. Network diagram between SNPs and psychiatric disorder. The network shows genetic associations connecting Bipolar Disorders to various psychiatric and physical health conditions. These significant SNPs are linked to multiple disorders and other psychiatric disorders, illustrating potential shared genetic underpinnings.

Supplementary Figure S5



Supplementary Figure S6

