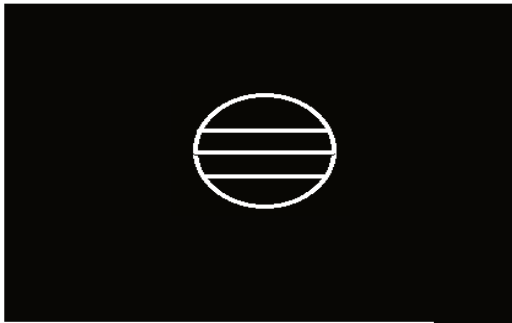
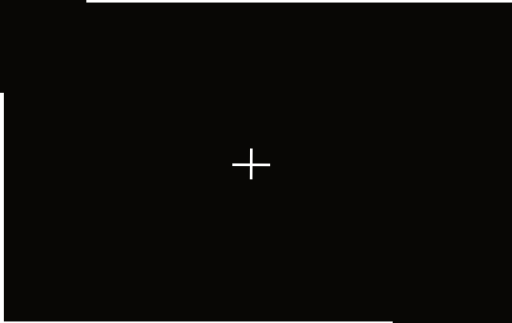


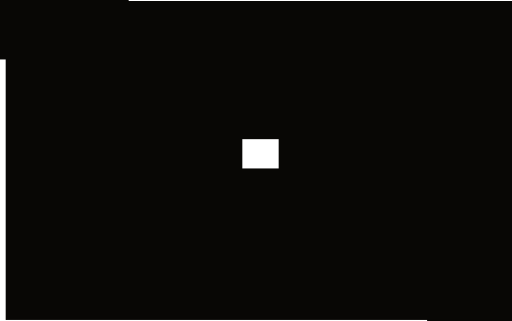
Supplementary Figures



Cue
250 ms



Fixation
2000 -2500 ms



Target
160 - 260 ms

Cue types and amounts

| | | | |
|------------------|----------|----------|----------|
| + \$0.00 | + \$0.20 | + \$1.00 | + \$5.00 |
| | | | |
| - \$0.00 | - \$0.20 | - \$1.00 | - \$5.00 |
| | | | |
| | | | |
| NEUTRAL (\$0.00) | | | |

+ \$5.00
[\$25.00]

Feedback
1600 ms

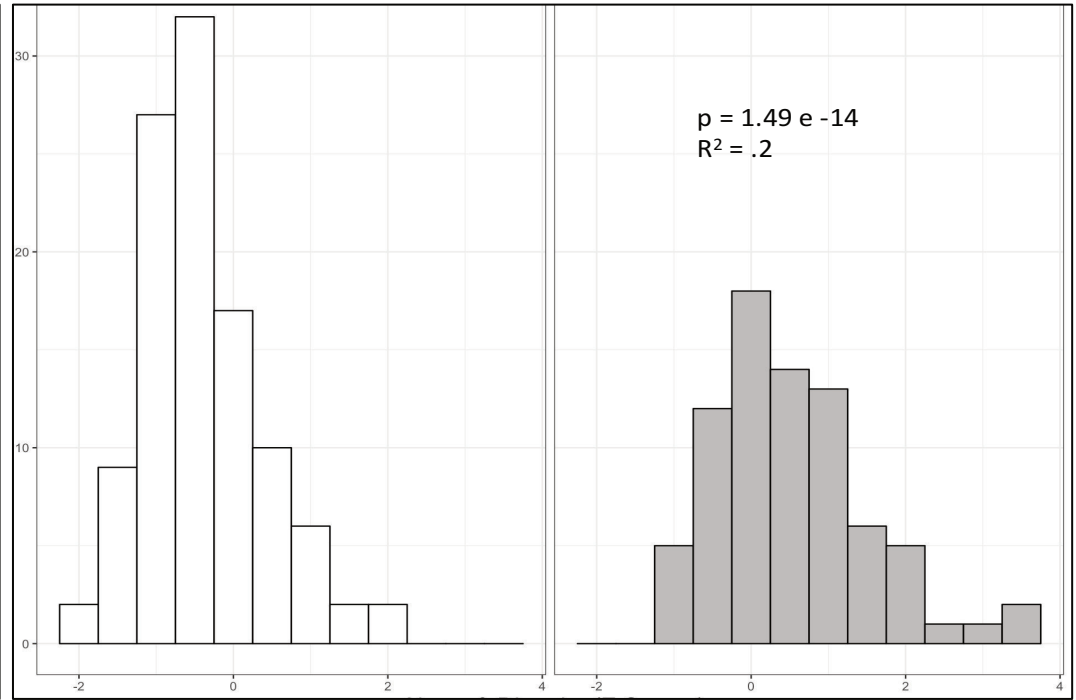
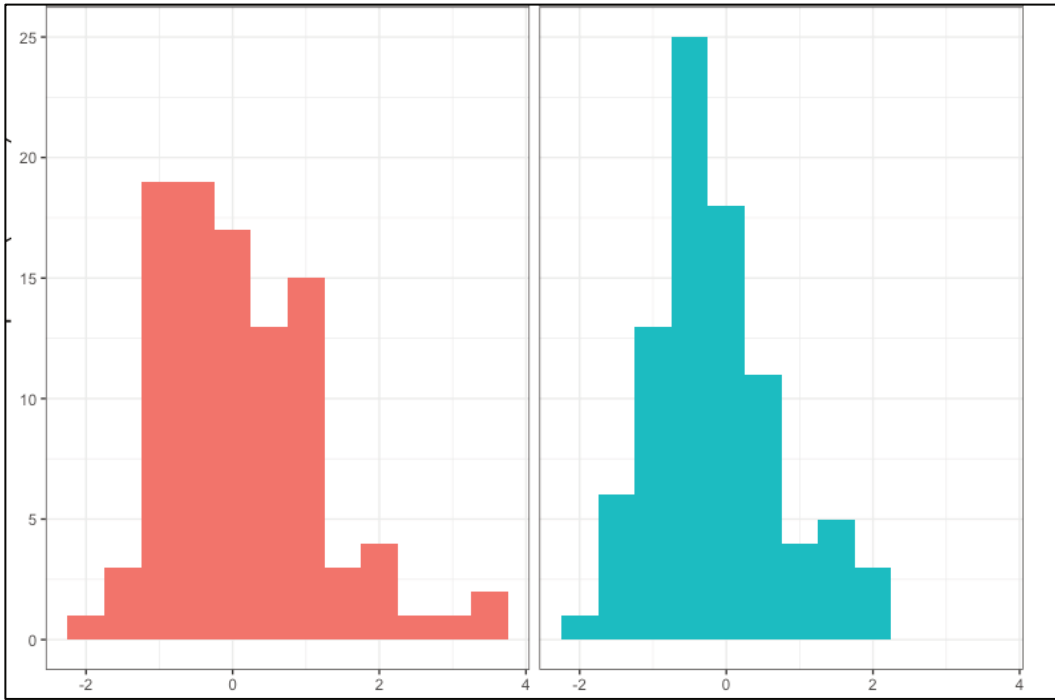
Number of Participants (N = 184)

Female

Male

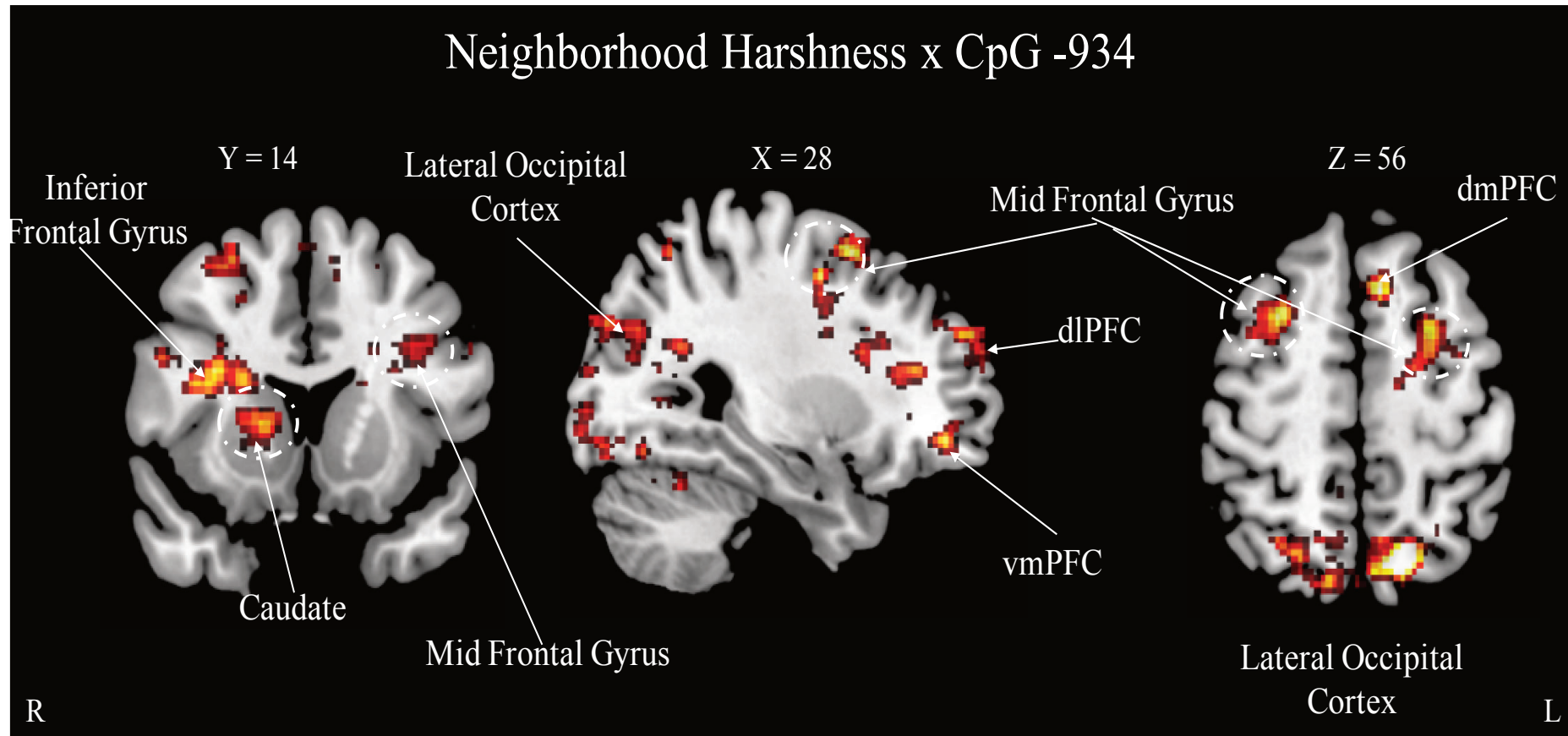
Caucasian

Racial Minority



Abuse and Disorder (Z –Scores)

B)



2.3

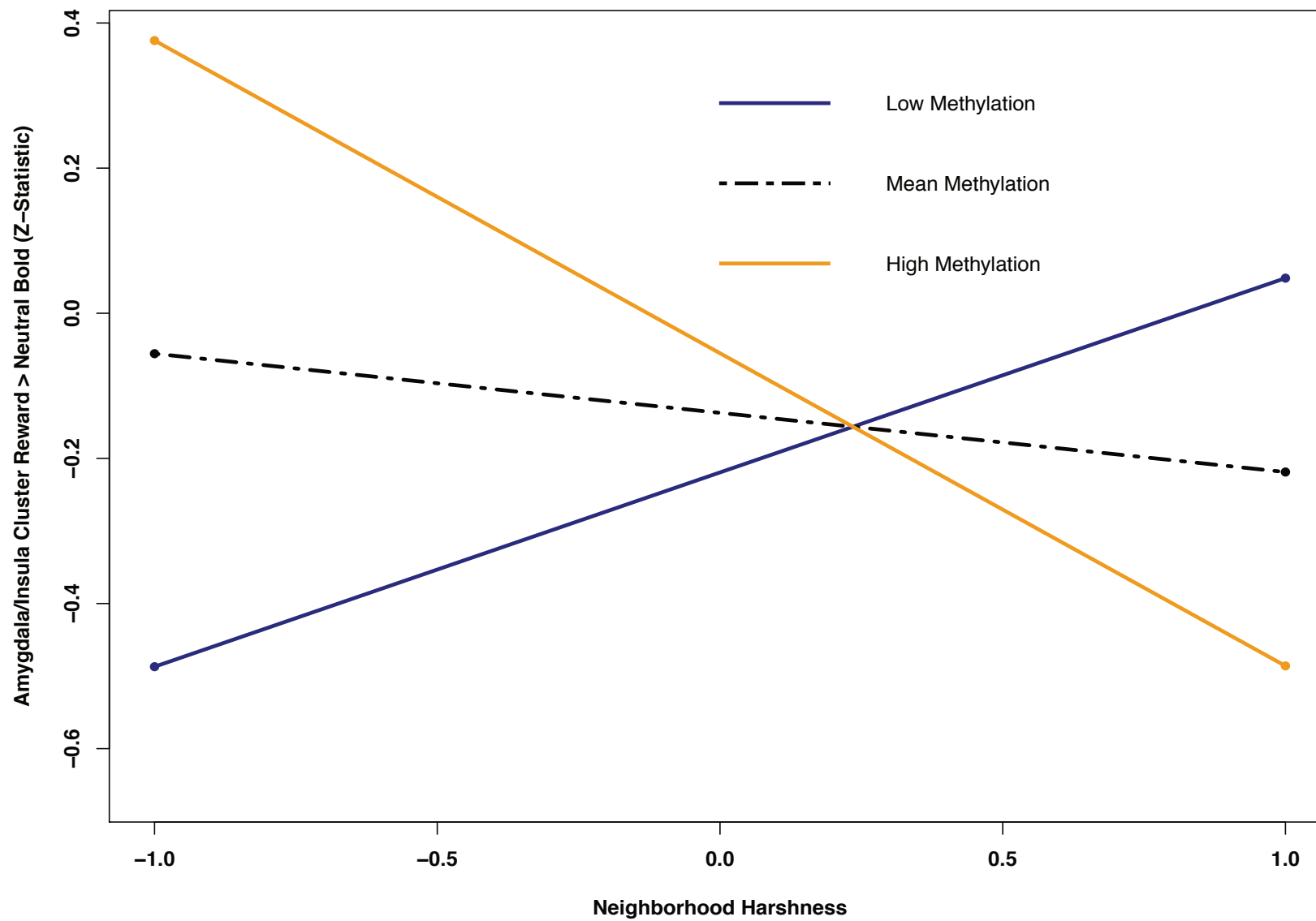


4.0

Z Statistic Heat Map

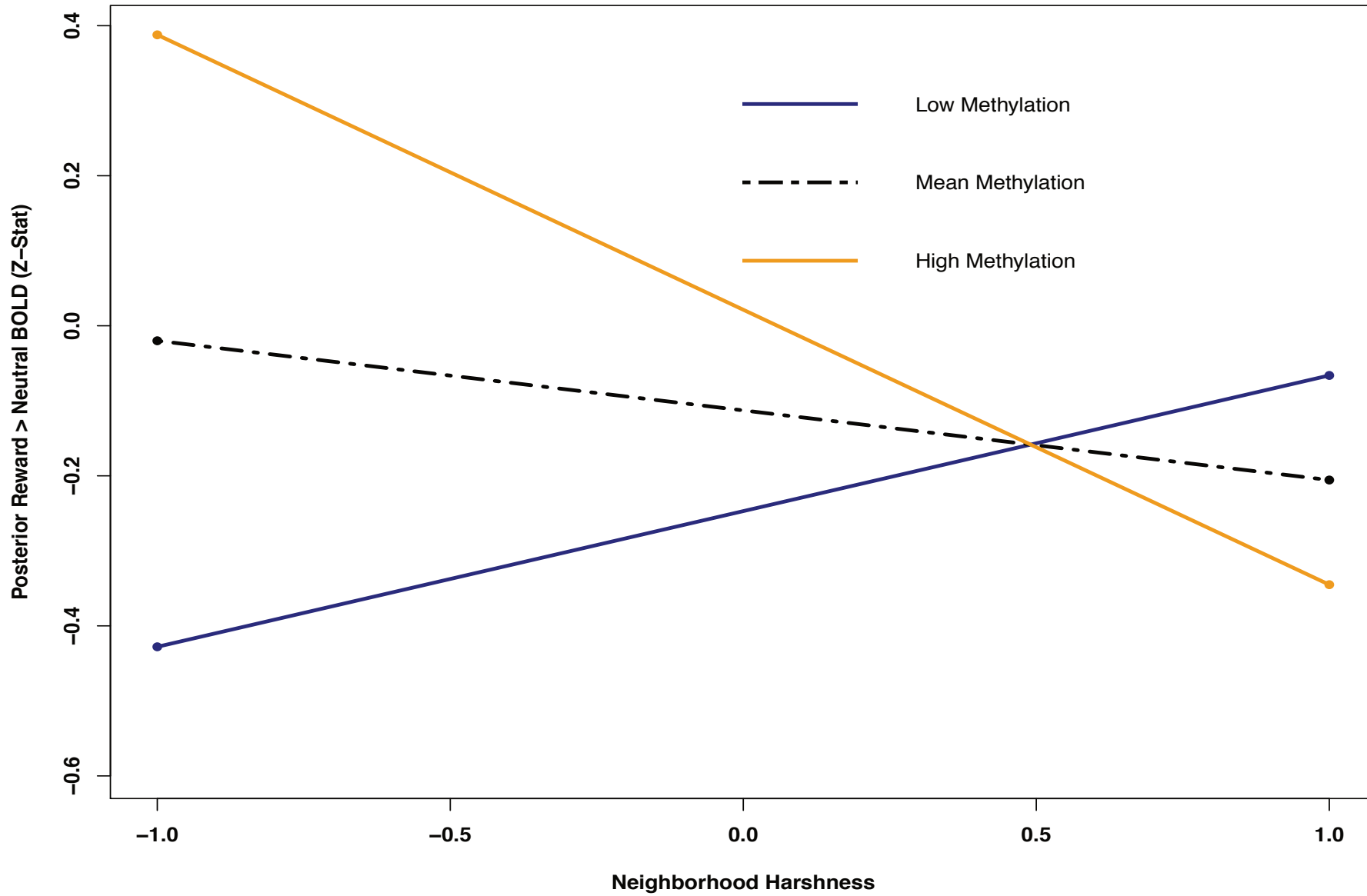
A)

CpG -924 Methylation Coincides with Higher Limbic Activation in Low Neighborhood Harshness



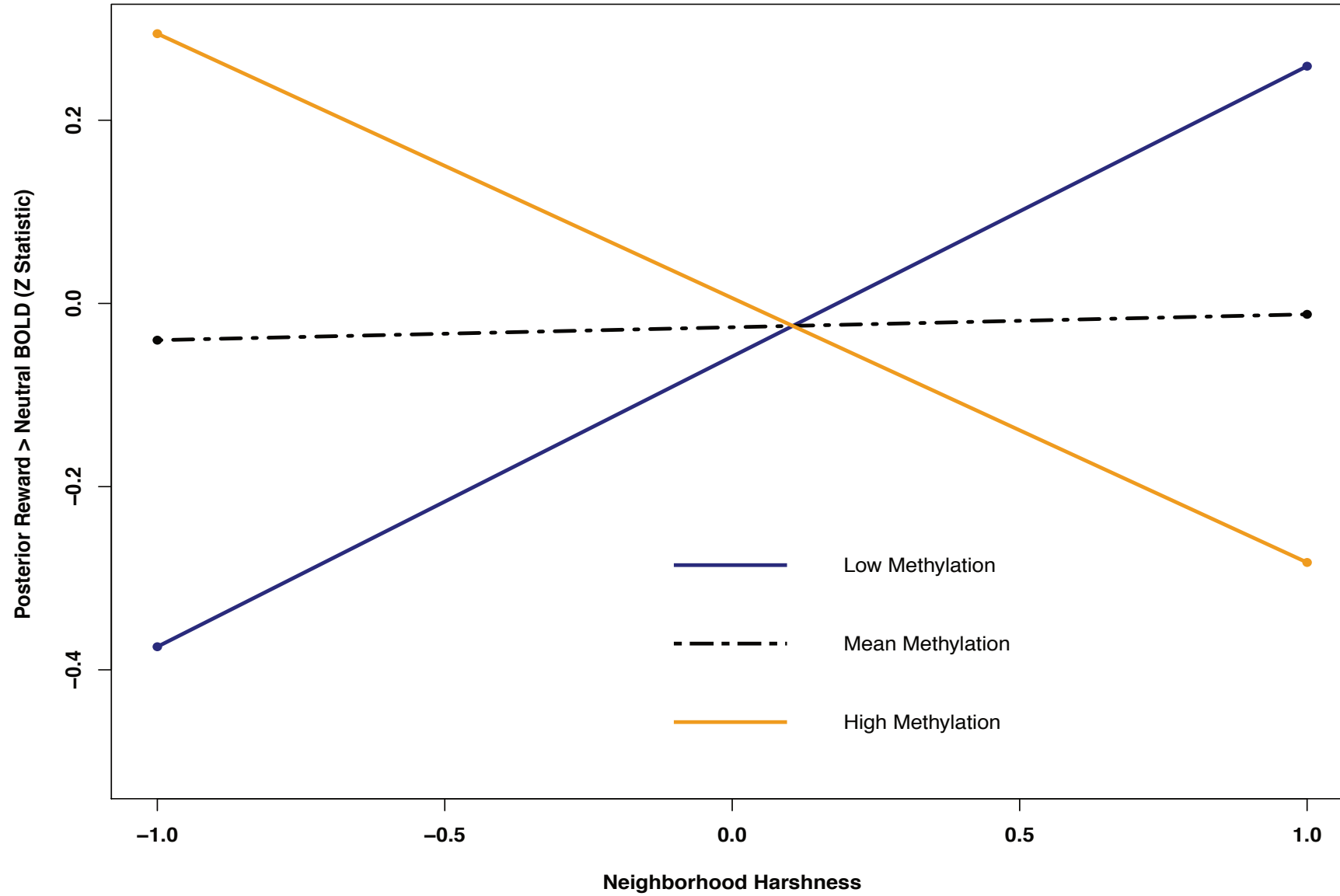
CpG -924 Methylation Coincides with Higher Posterior Activation in Low Neighborhood Harshness

B)



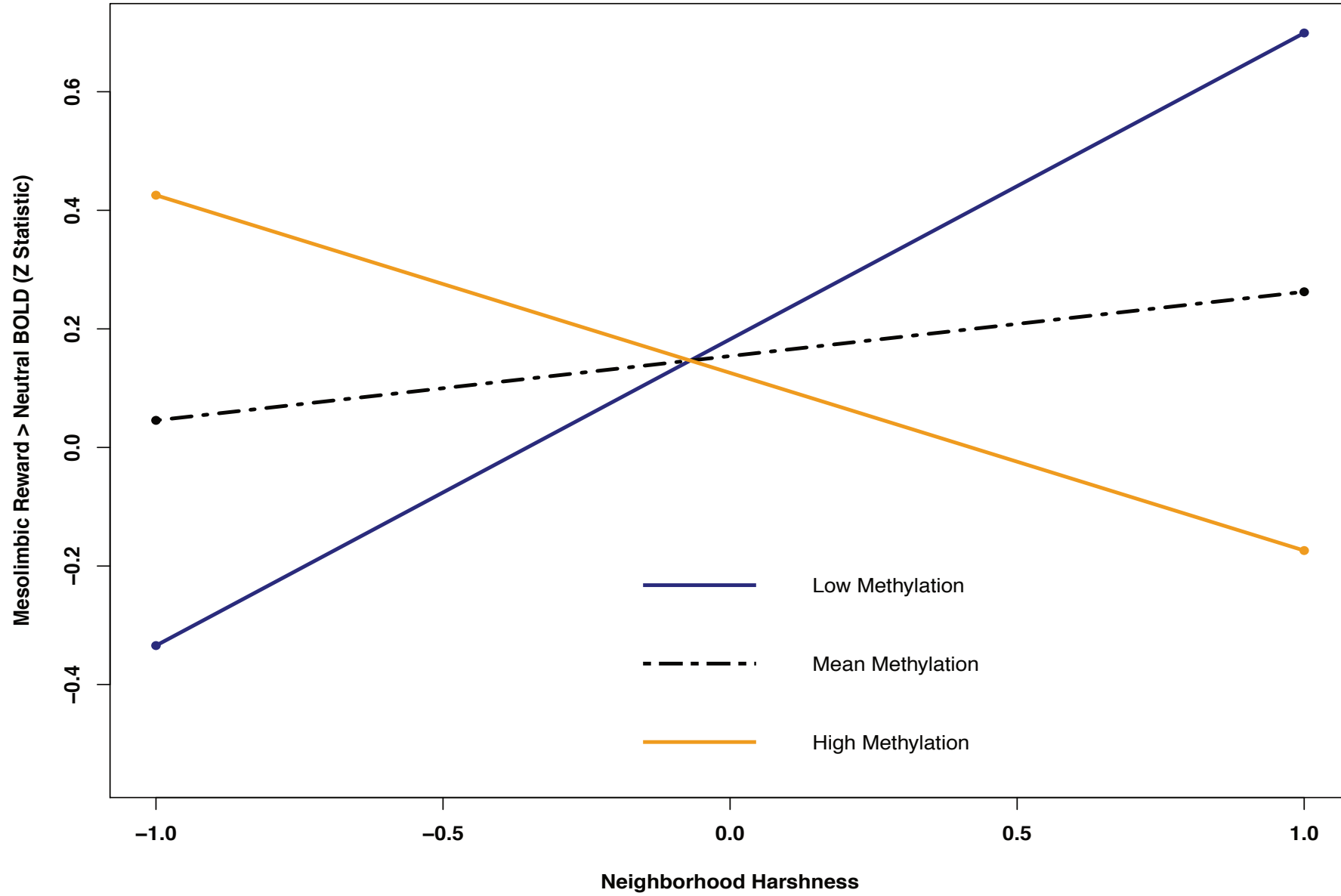
C)

Cross-Interaction in Posterior Regions Between CpG -934 Methylation and Neighborhood Harshness



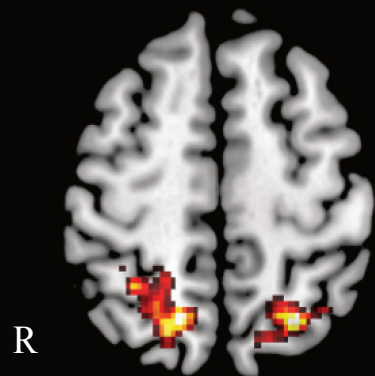
D)

Cross-Interaction in Mesolimbic Cluster Between CpG -934 Methylation and Neighborhood Harshness

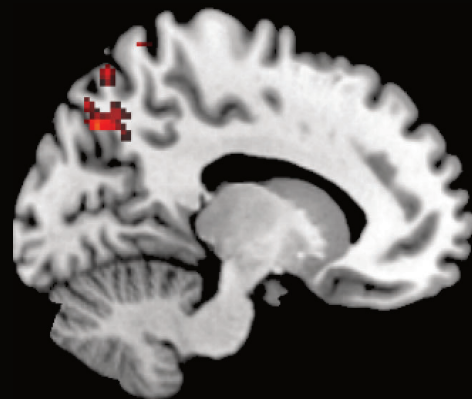


A) Family Harshness x CpG -924

Occipital Cortex

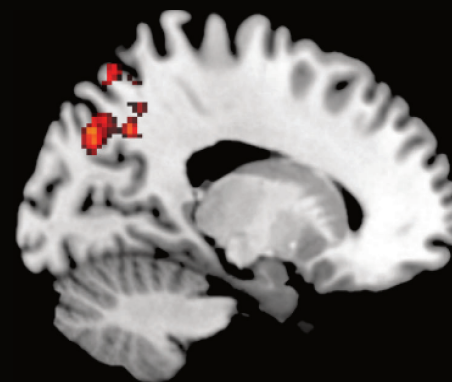


Precuneus

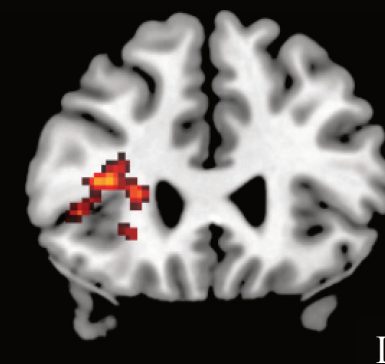


B) Family Harshness x CpG -934

Precuneus



Frontal Operculum



2.3

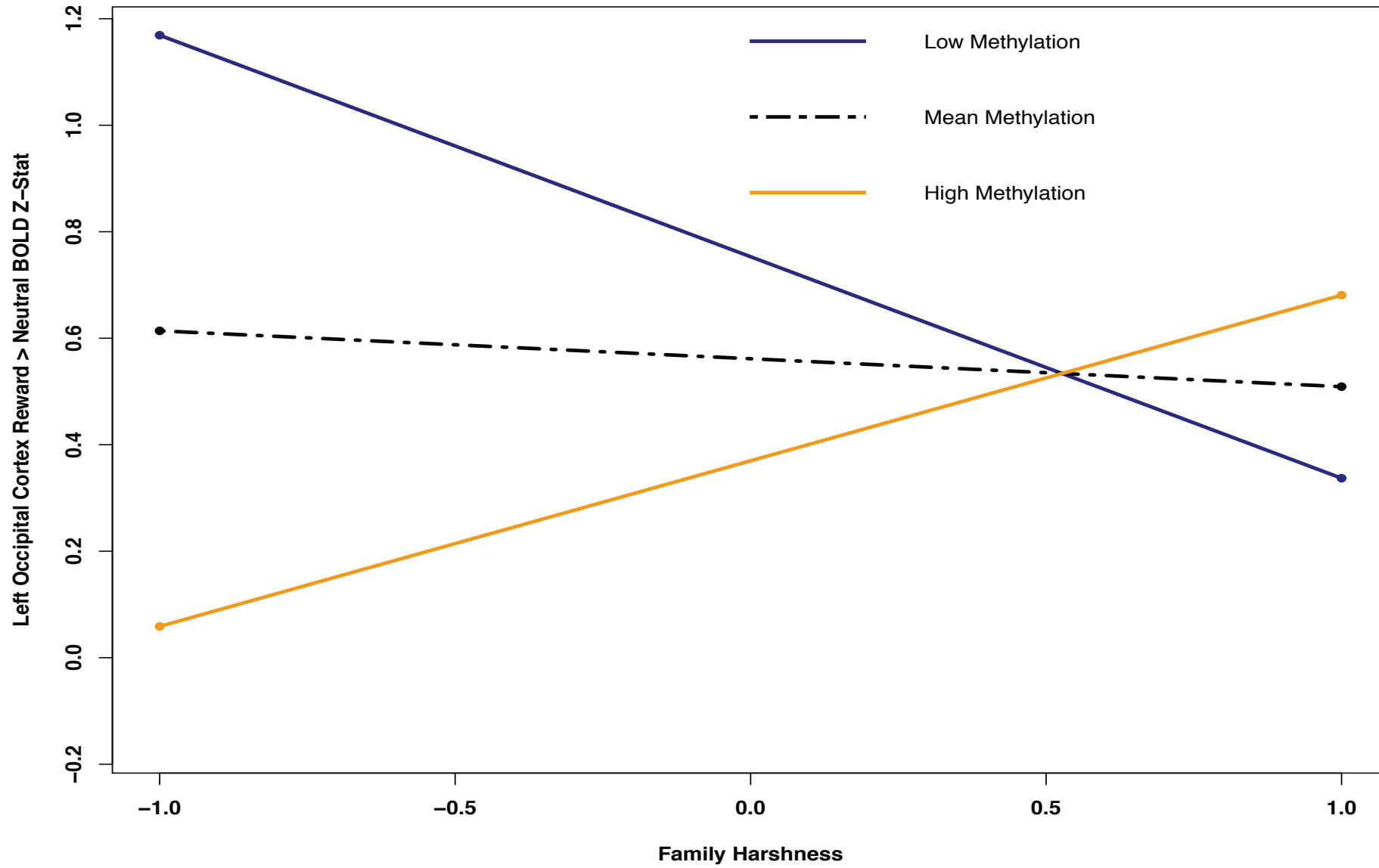


4.0

Z Statistic Heat Map

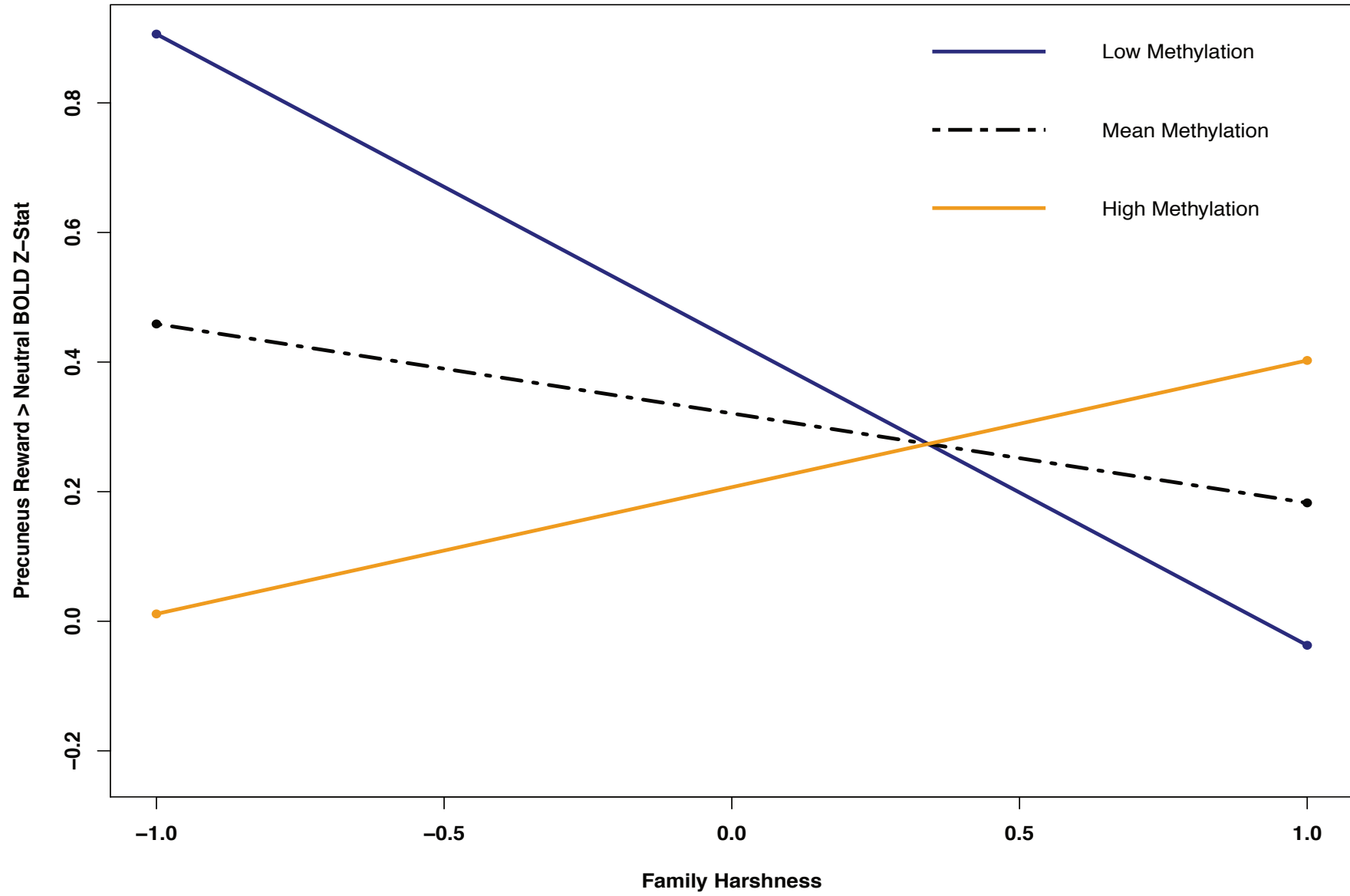
A)

CpG -924 Methylation Coincides with Lower Posterior Activation Under Low Family Harshness



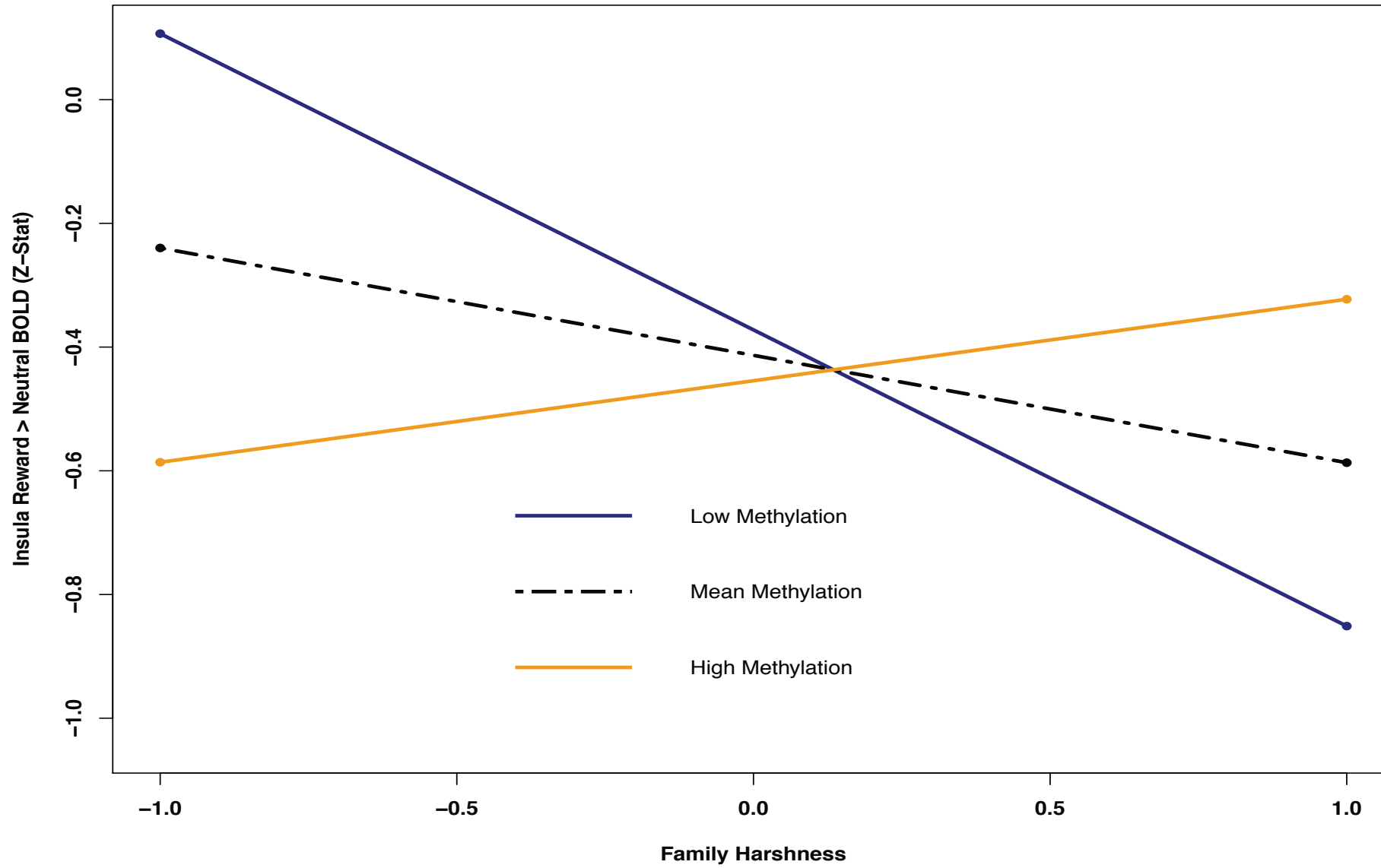
B)

CpG -924 Methylation Coincides with Lower Precuneus Activation Under Low Family Harshness



C)

CpG -934 Methylation Coincides with Lower Insula Activation Under Low Family Harshness



Abuse & Disorder x CpG -934

X = -11

X = 52

Mid Cingulate

Precentral gyrus

Postcentral gyrus

Precuneus

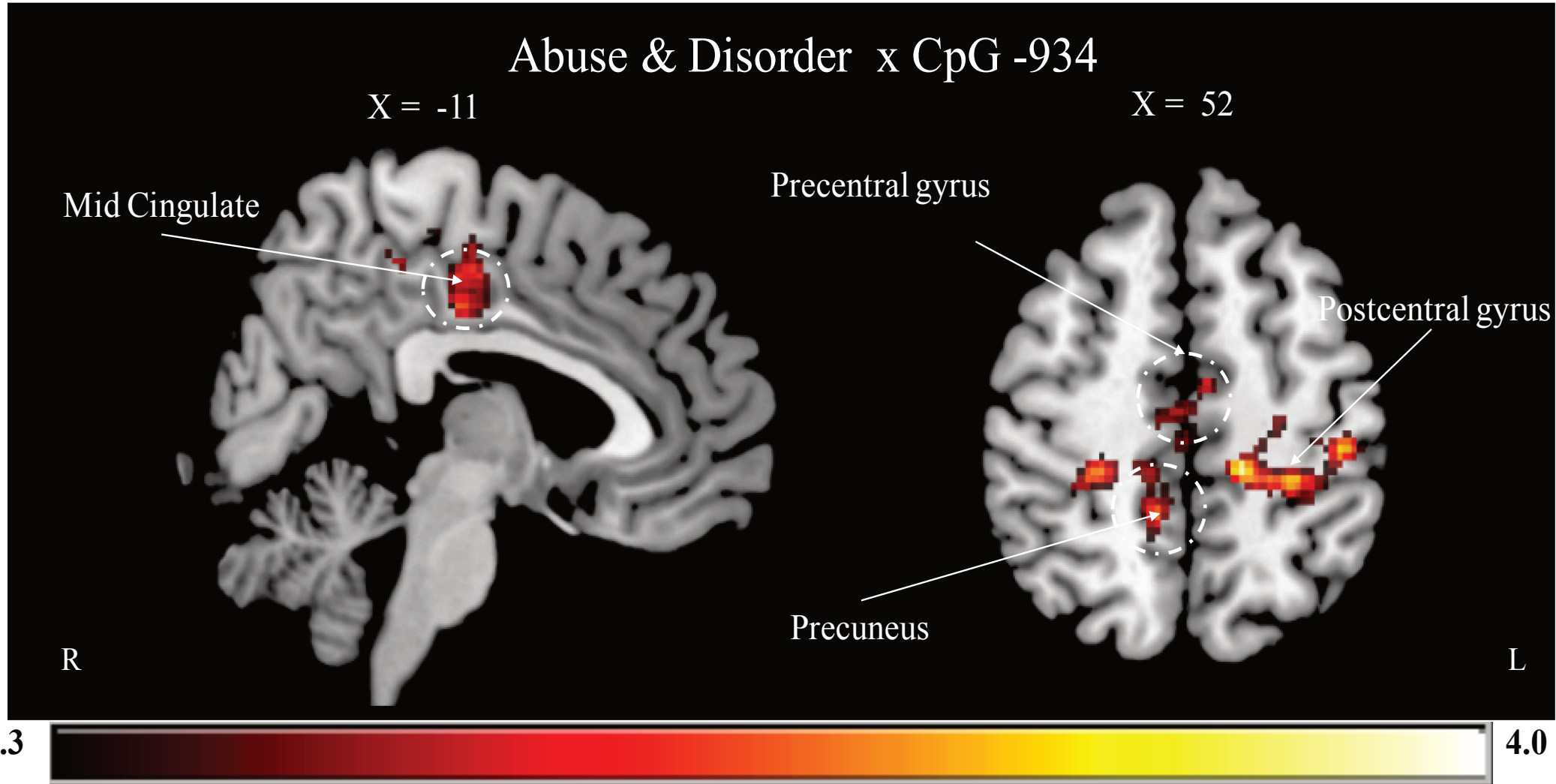
R

L

2.3

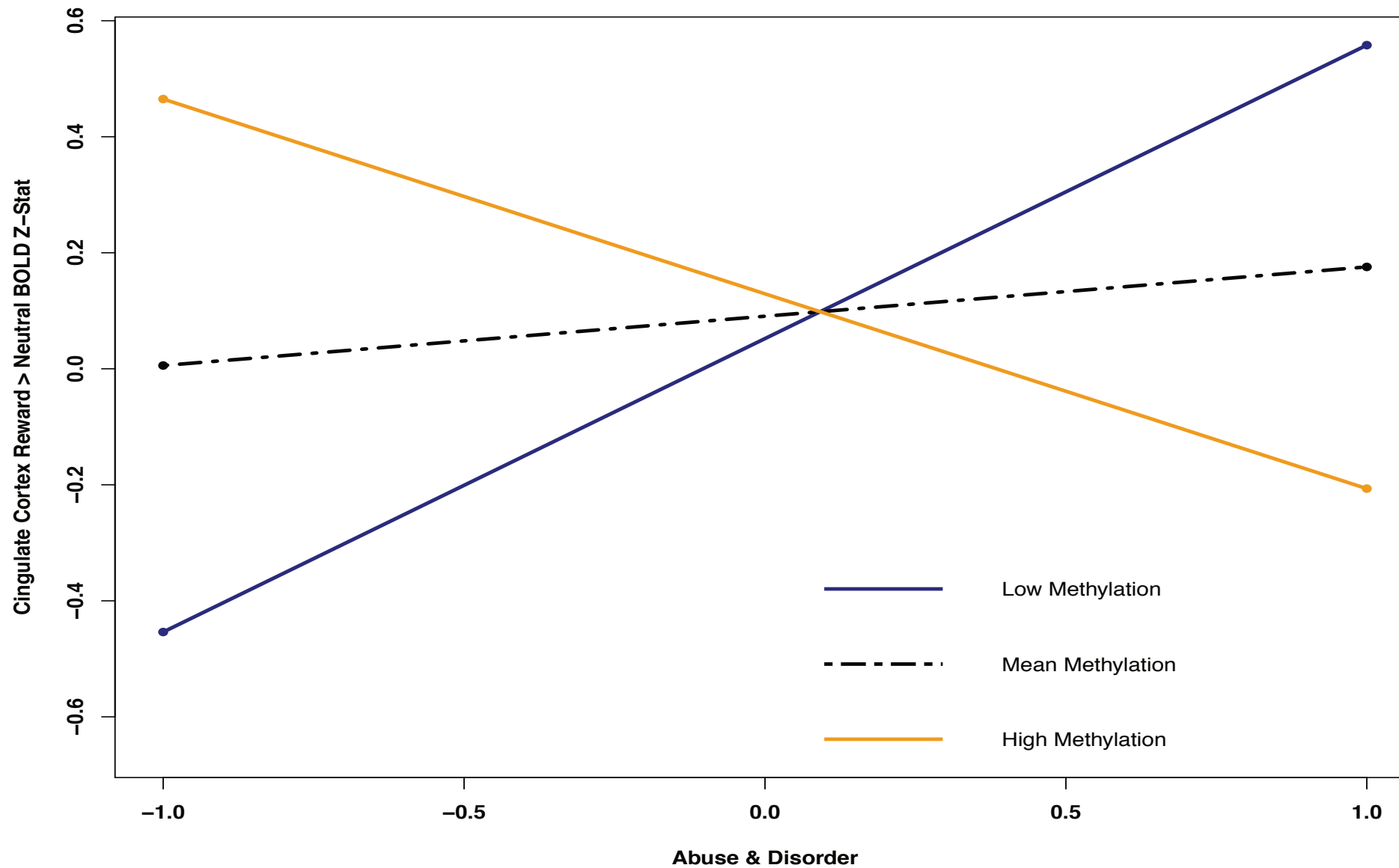
4.0

Z Statistic Heat Map



A)

CpG -924 Methylation Coincides with Higher Cingulate Activation Under Low Abuse & Disorder



B)

CpG -924 Methylation Coincides with Motor Activation Under Low Abuse & Disorder

