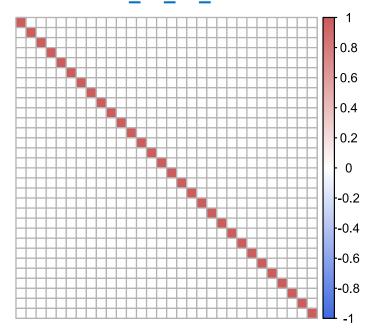
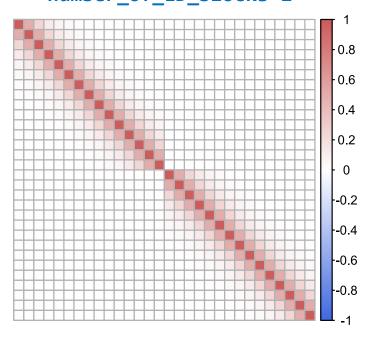
## <u>Independence</u>

LD\_causal\_SNPs='I'
number\_of\_LD\_blocks=1



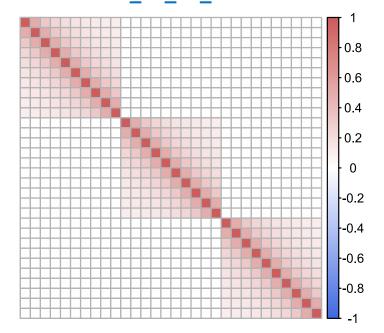
## Block-wise AR1(0.5)

LD\_causal\_SNPs='ar1(0.5)'
number\_of\_LD\_blocks=2



## **Block-wise Toeplitz**

LD\_causal\_SNPs='toeplitz'
number\_of\_LD\_blocks=3



## After applying LD pruning

IV\_Pvalue\_threshold=5e-8
 LD\_pruning\_r2=0.1

