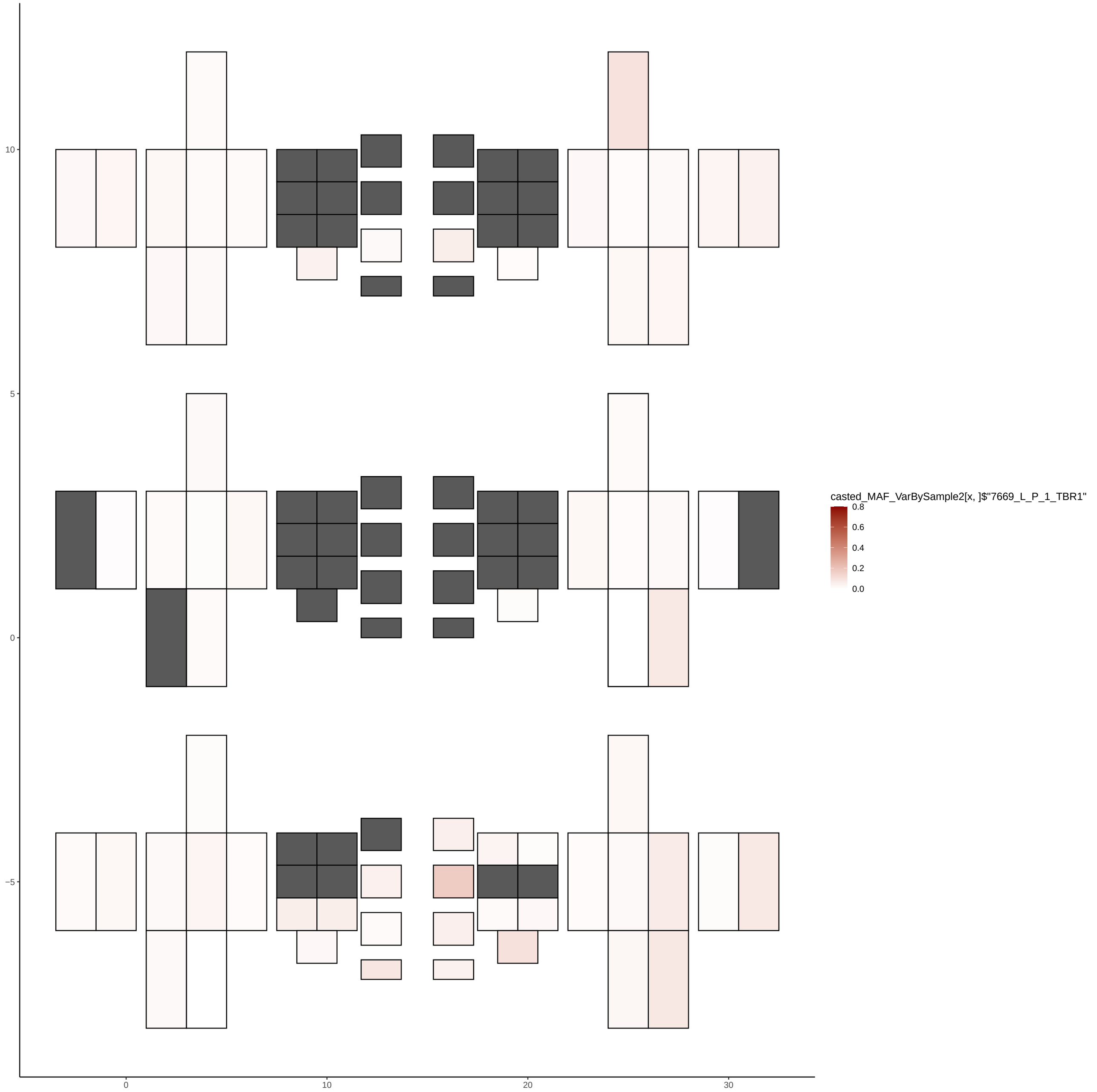
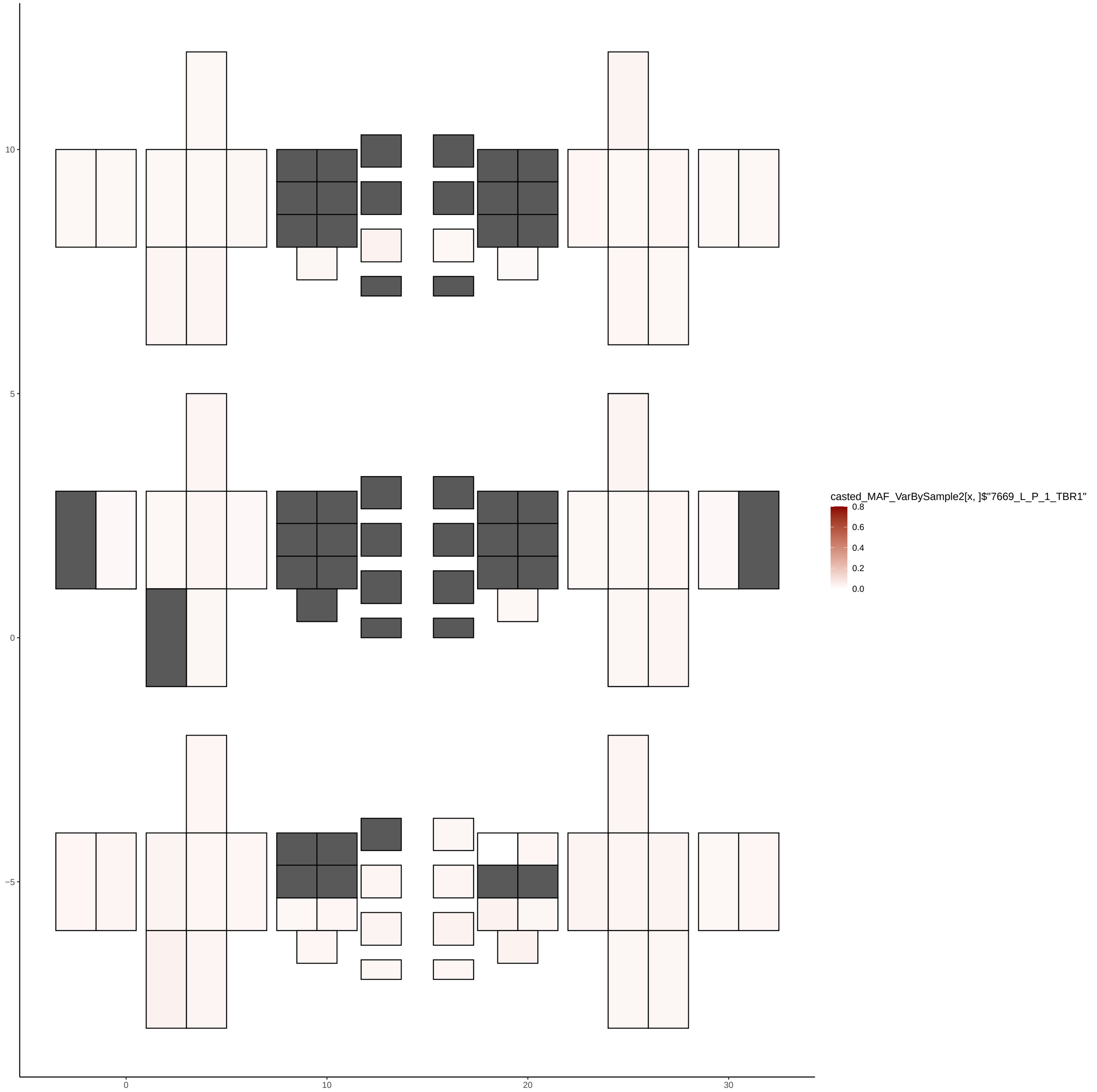
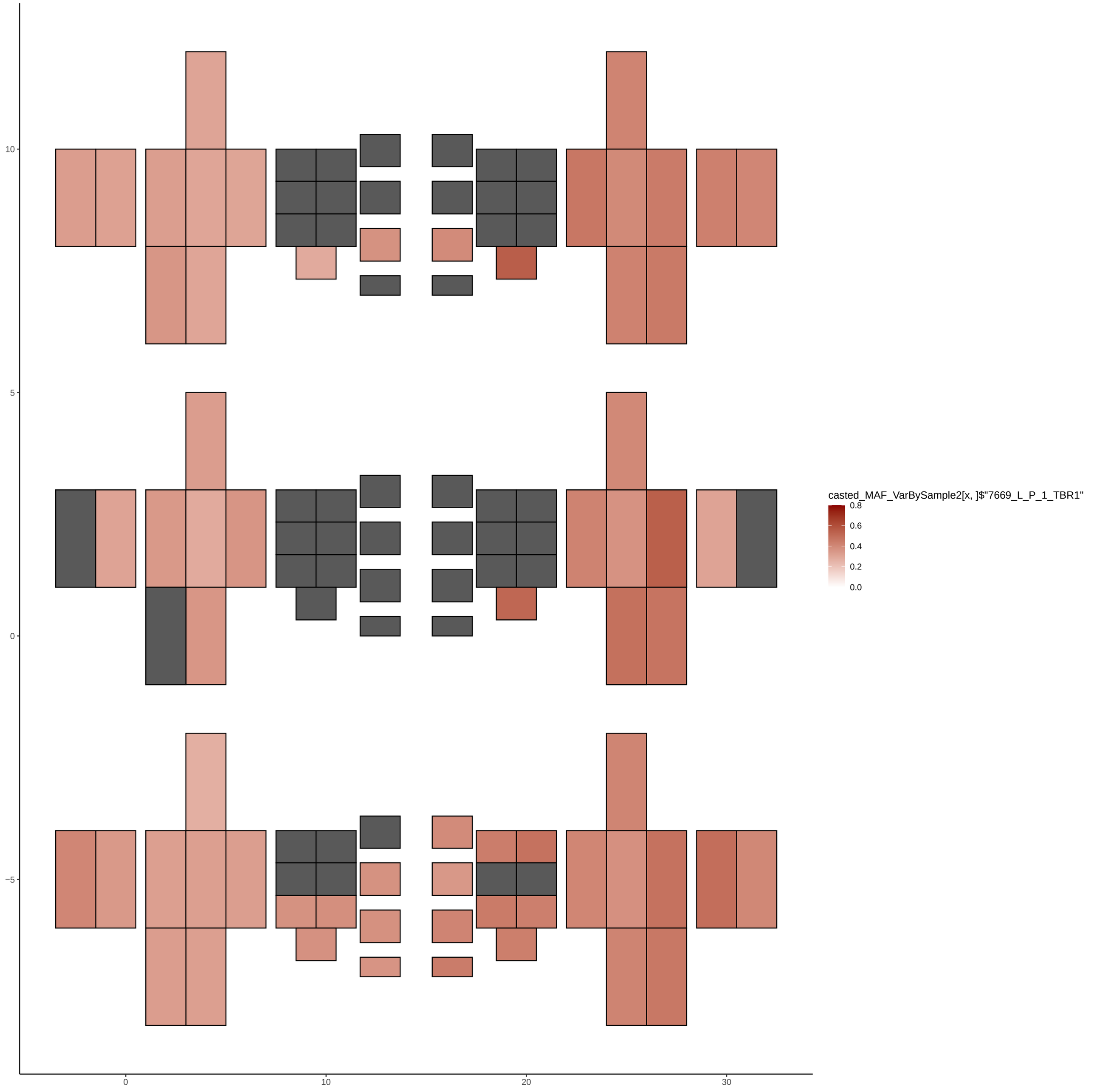
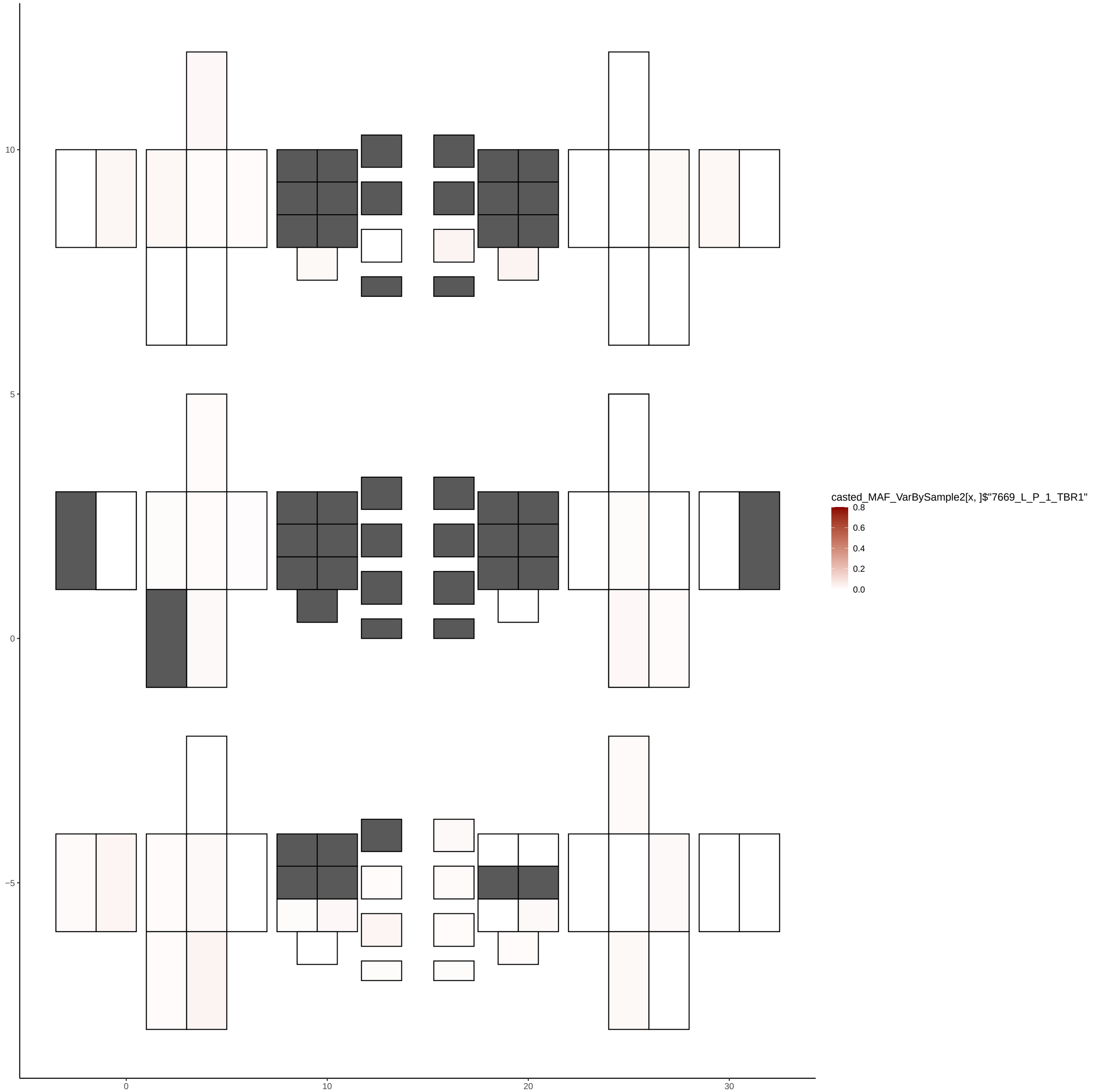
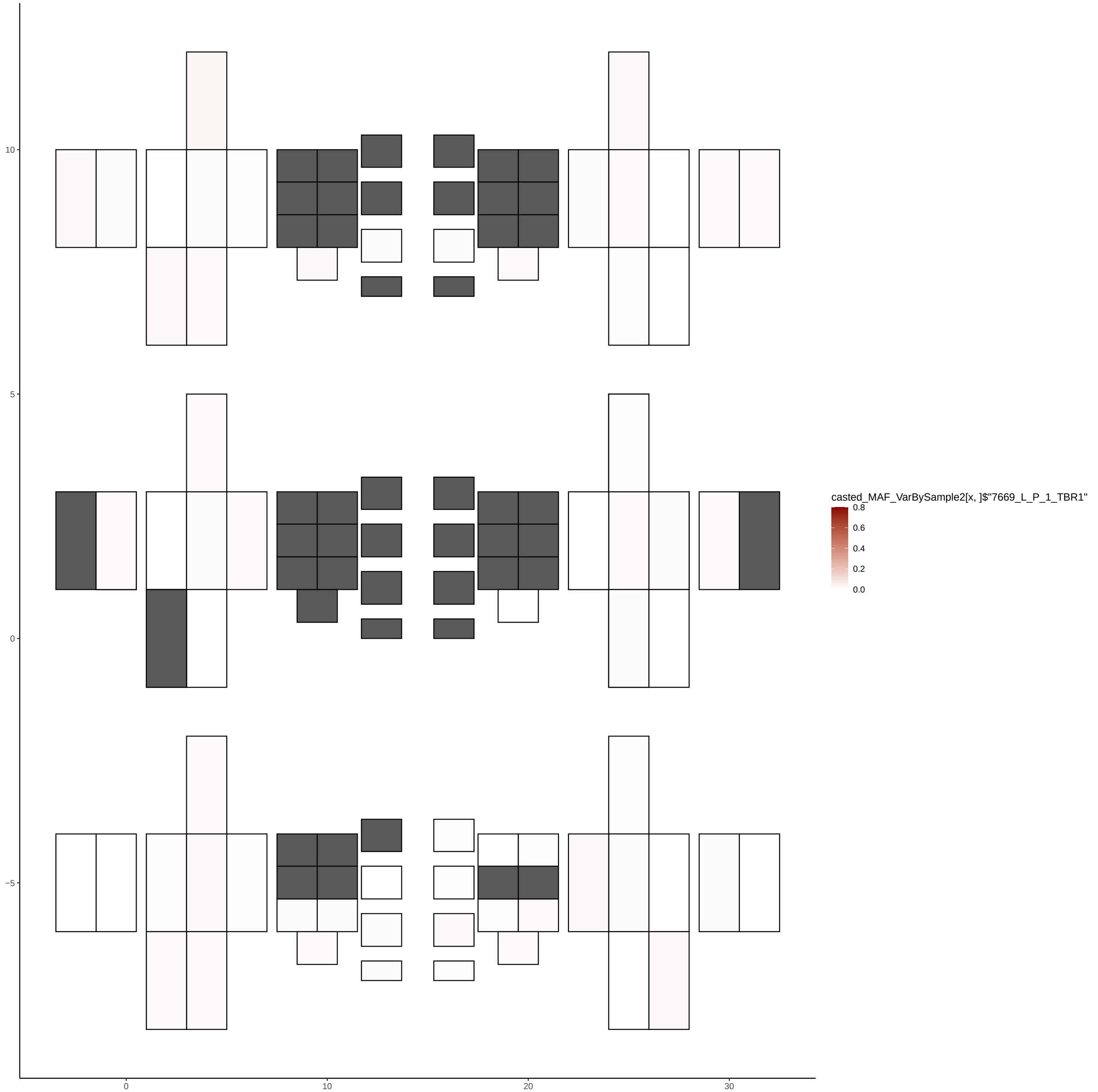
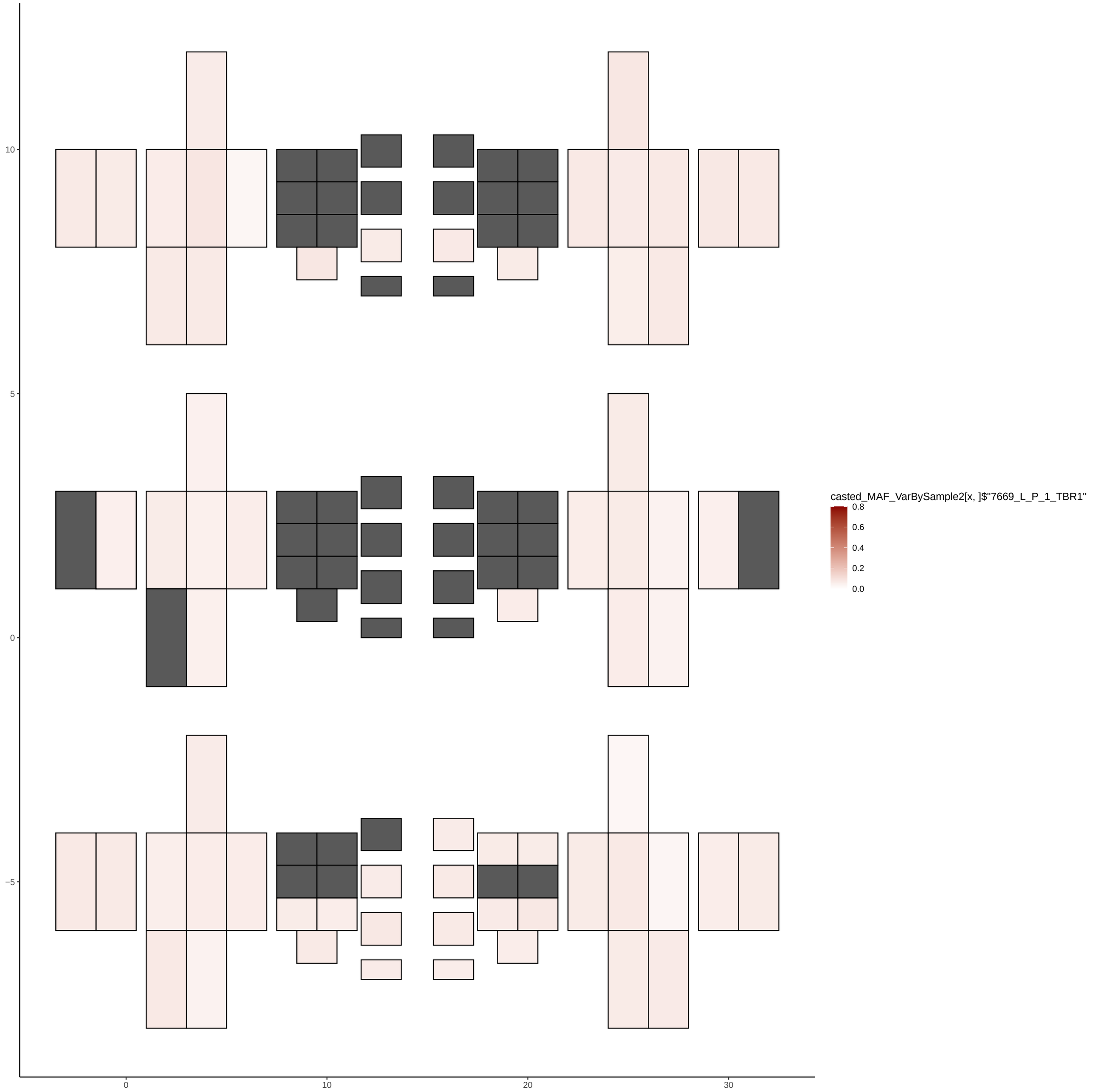

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

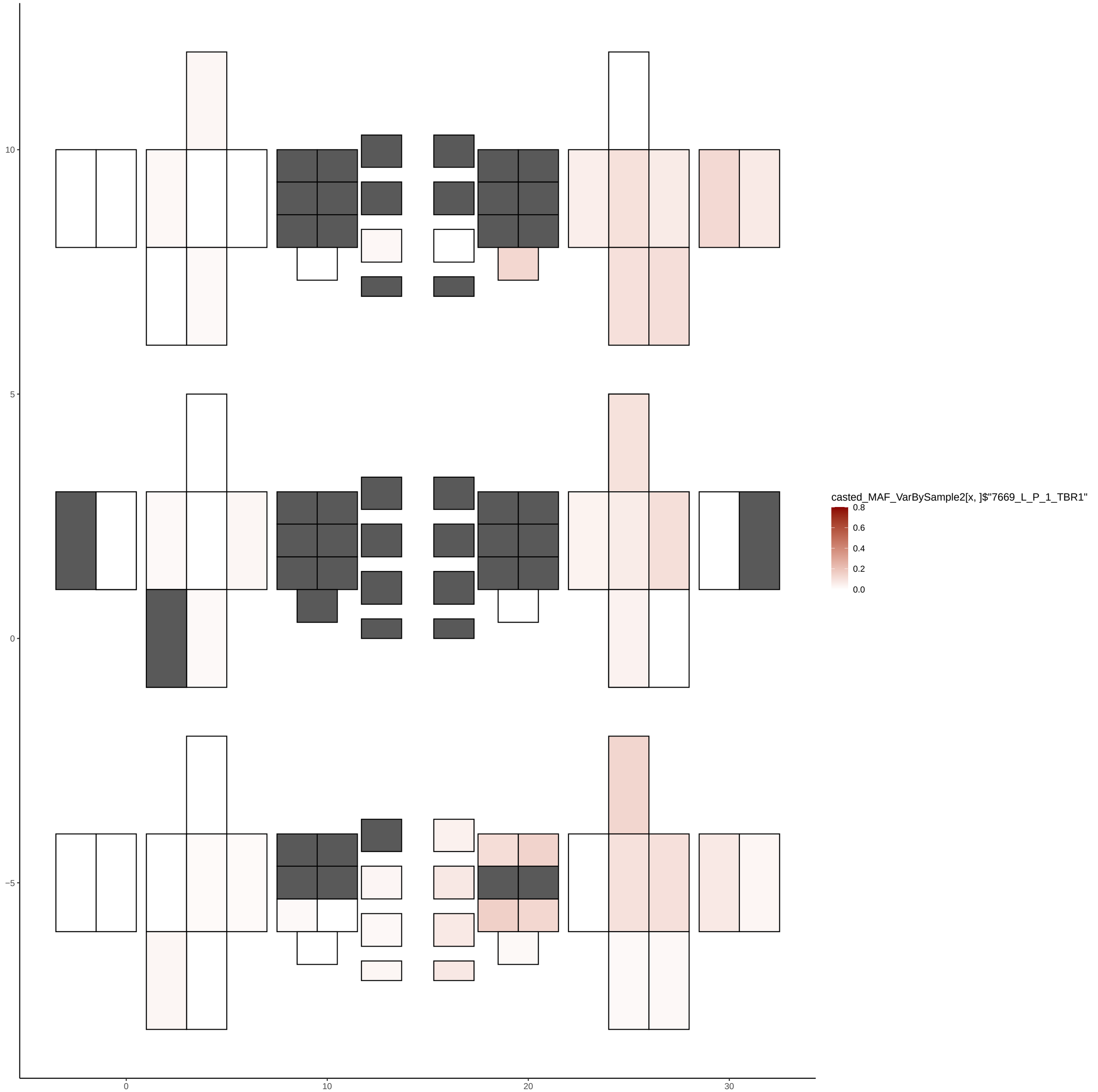

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

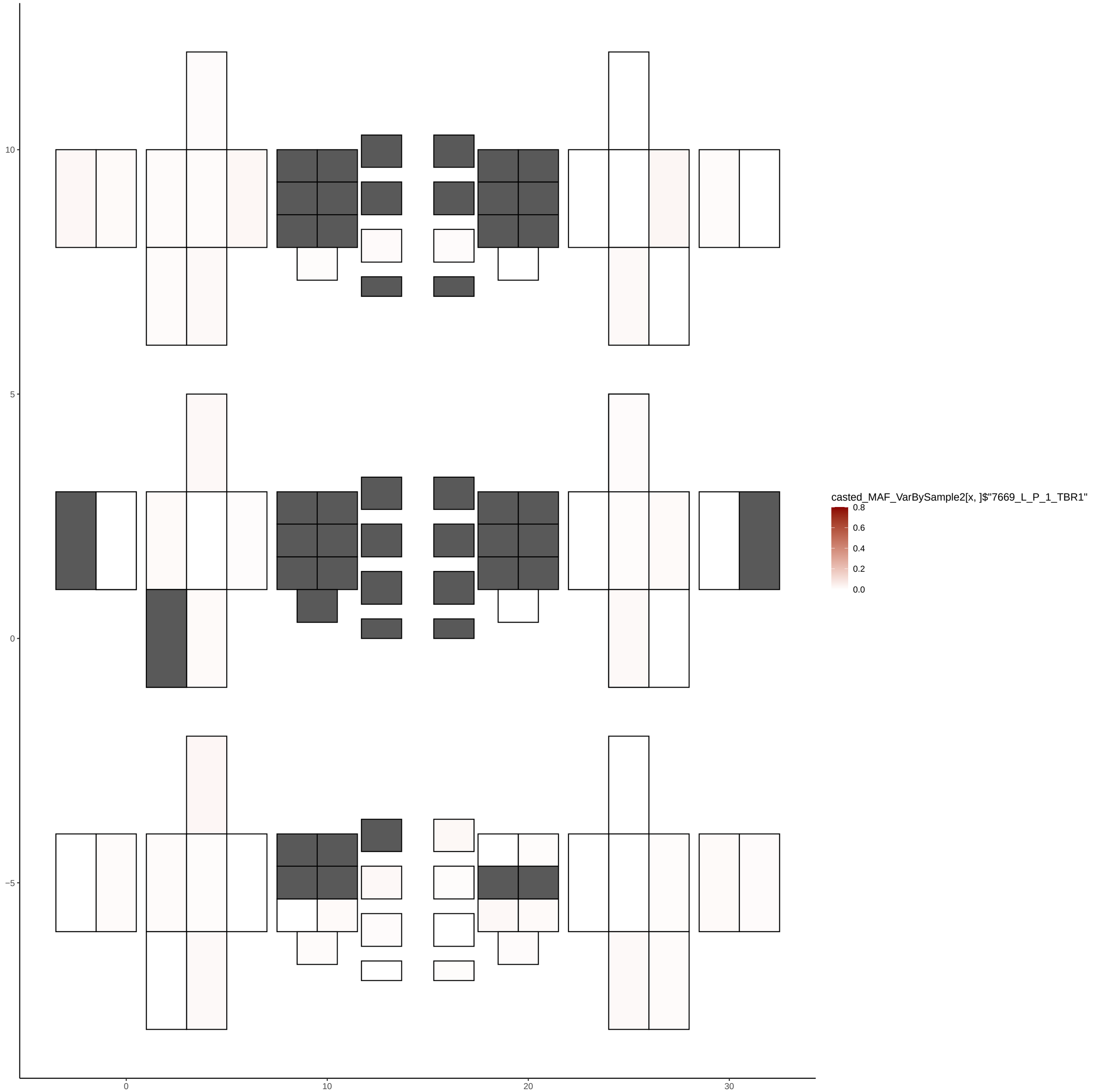

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

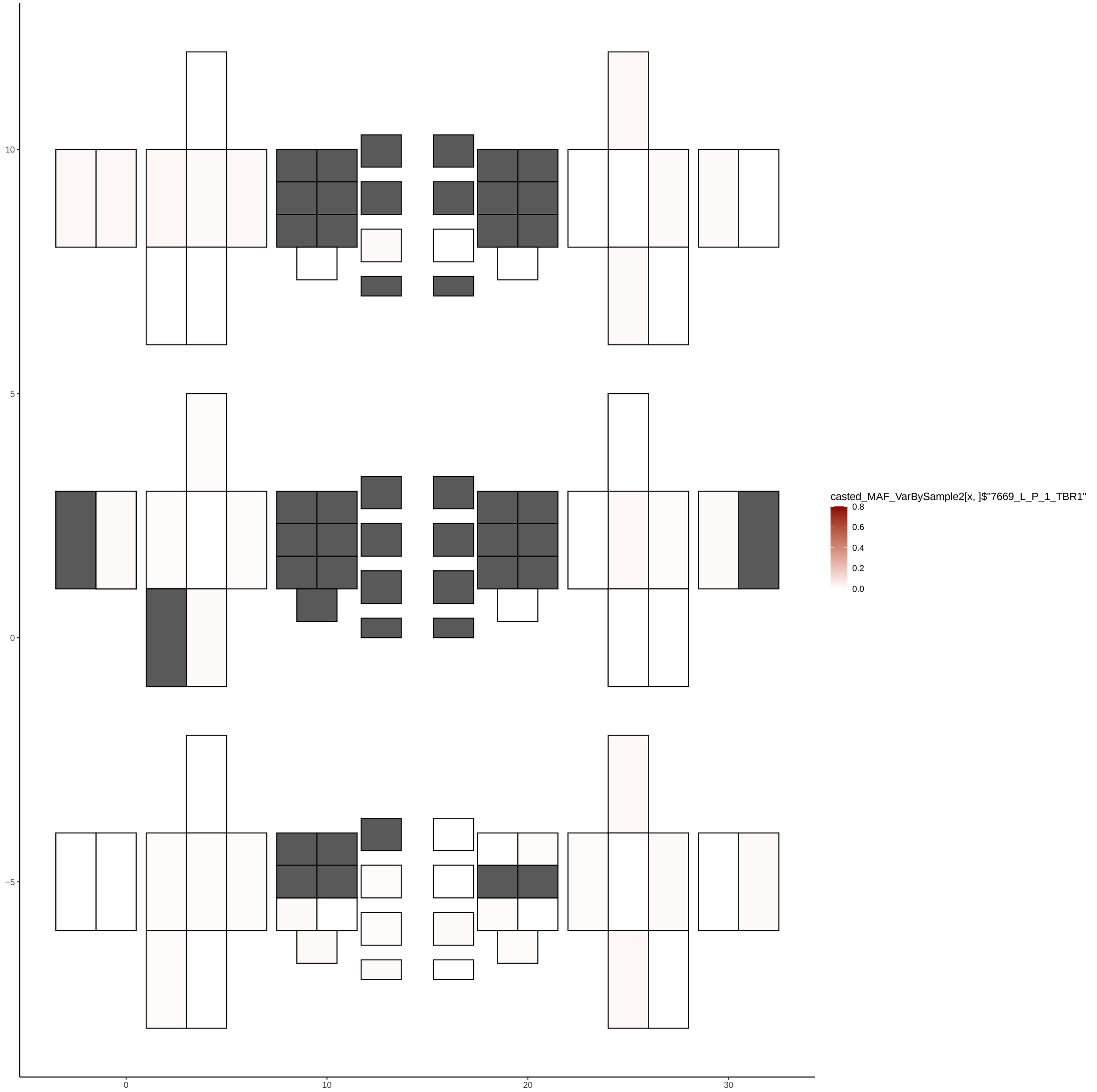

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

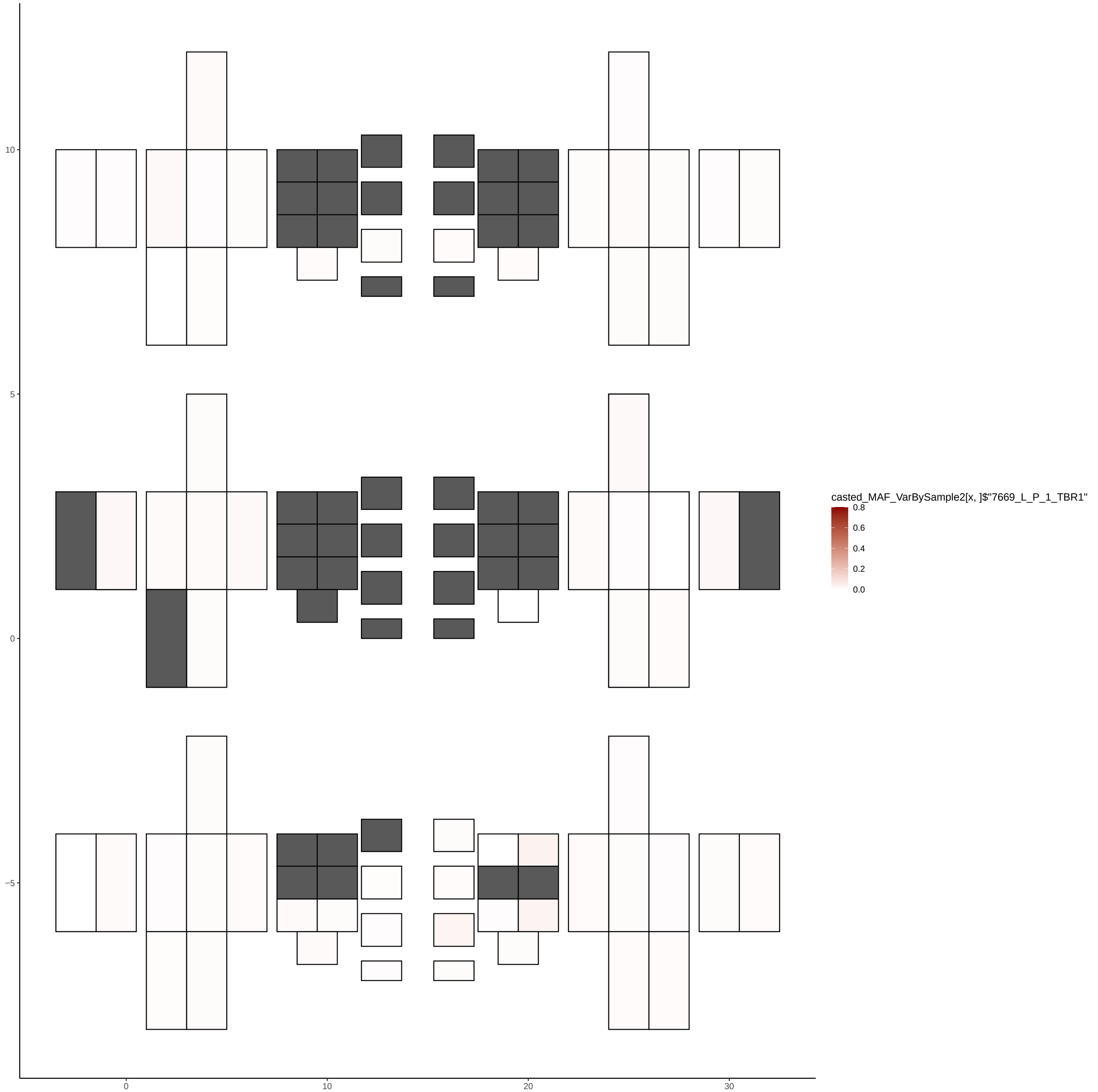

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

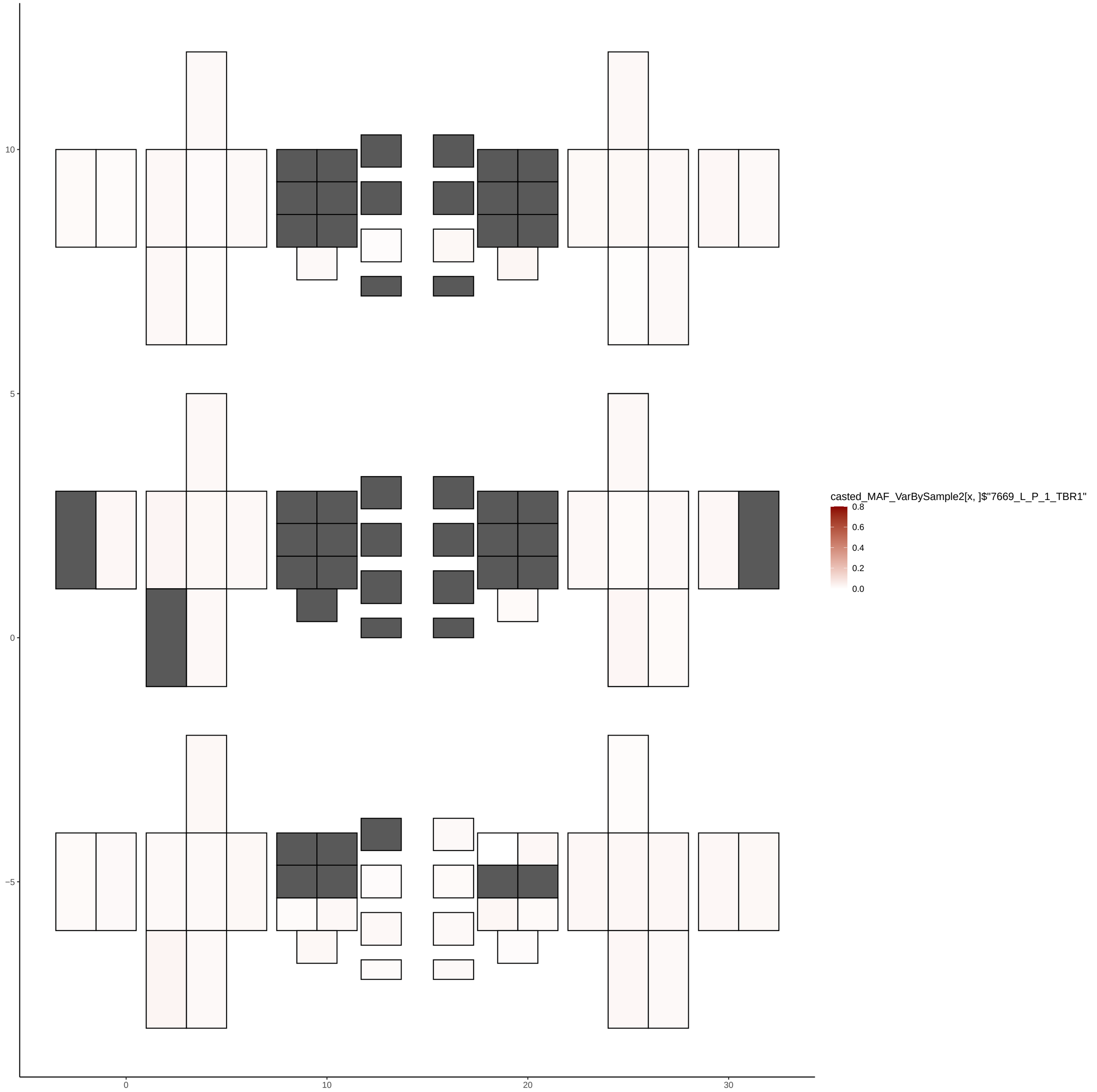

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

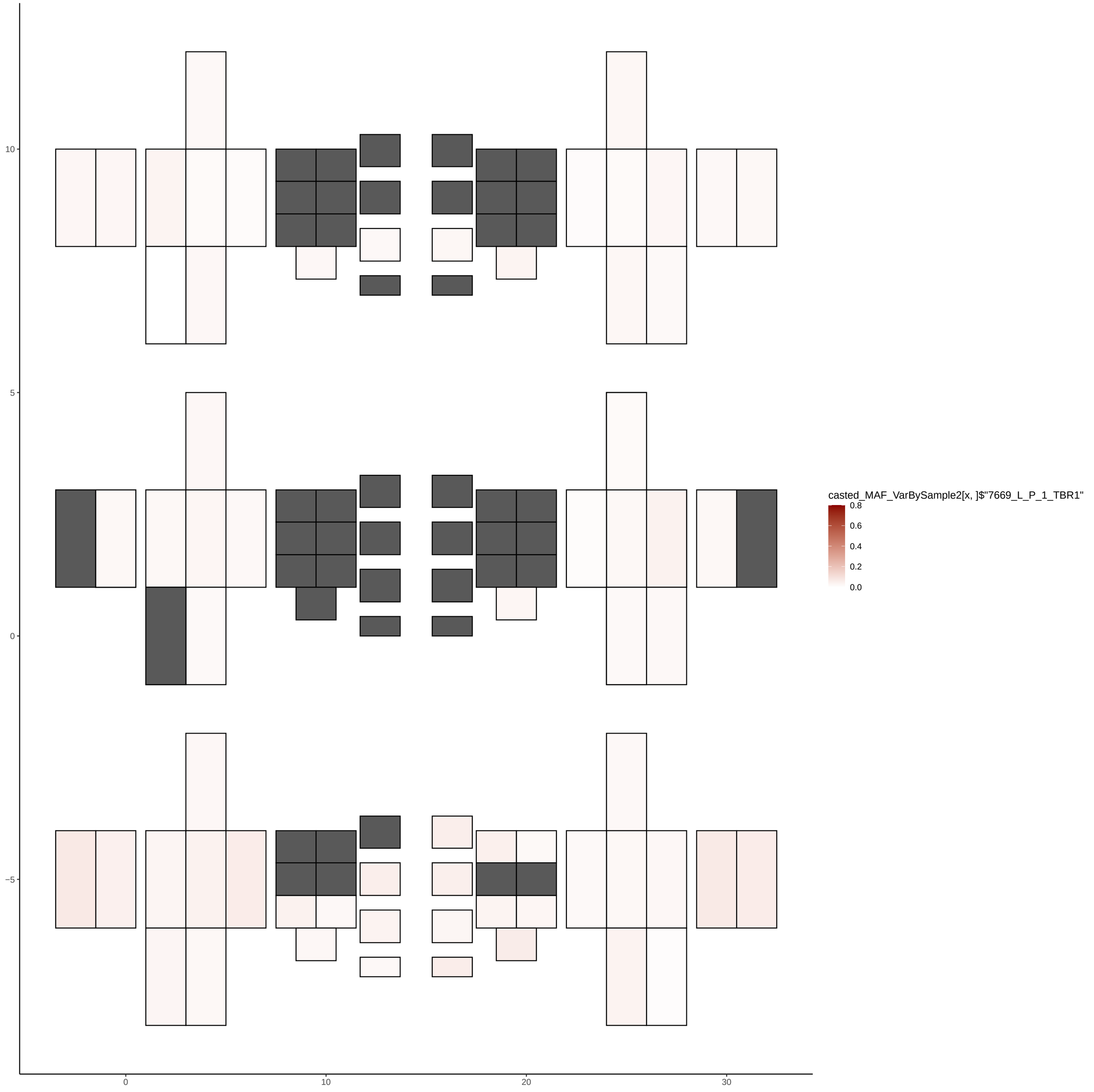

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

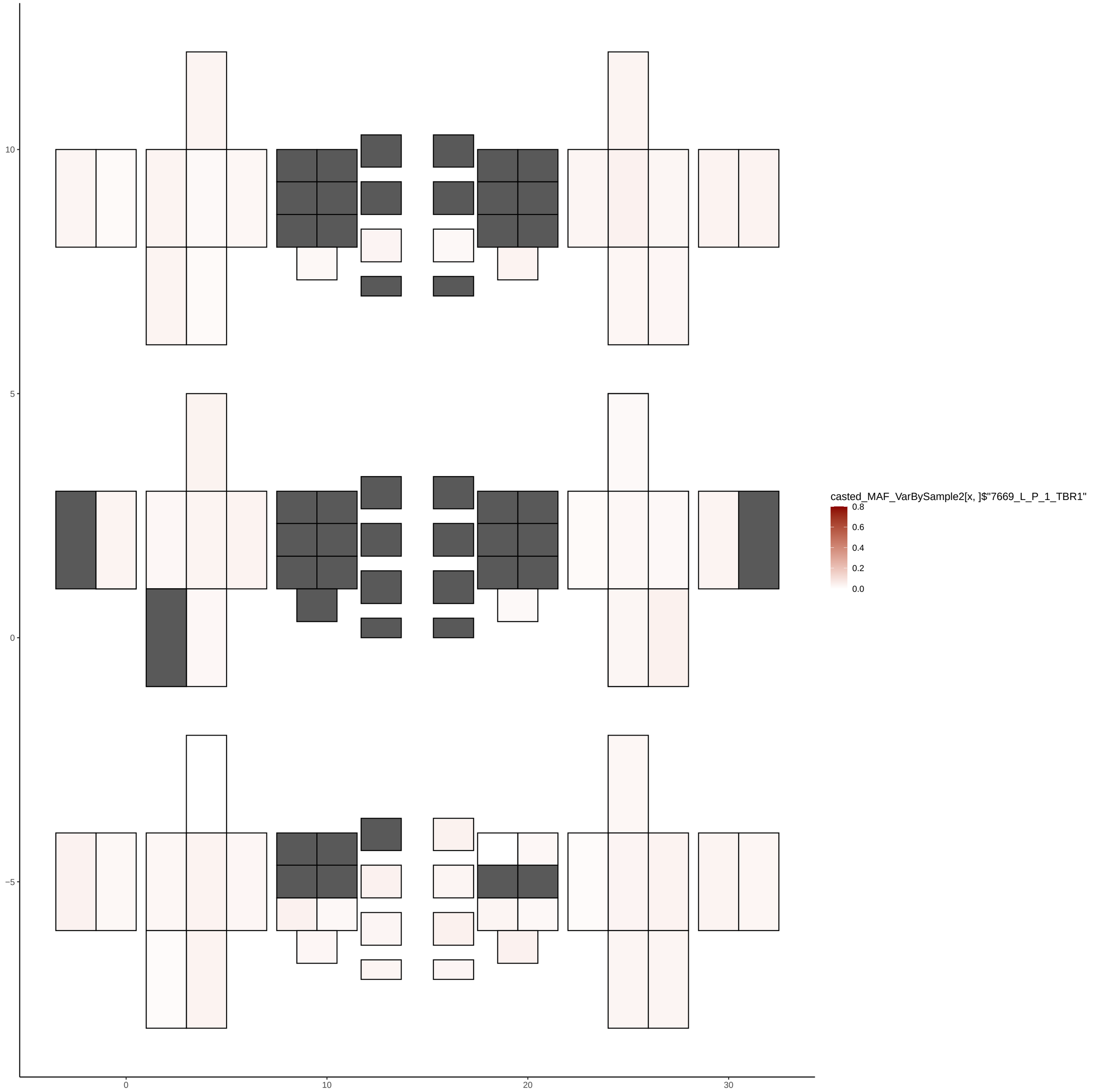

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

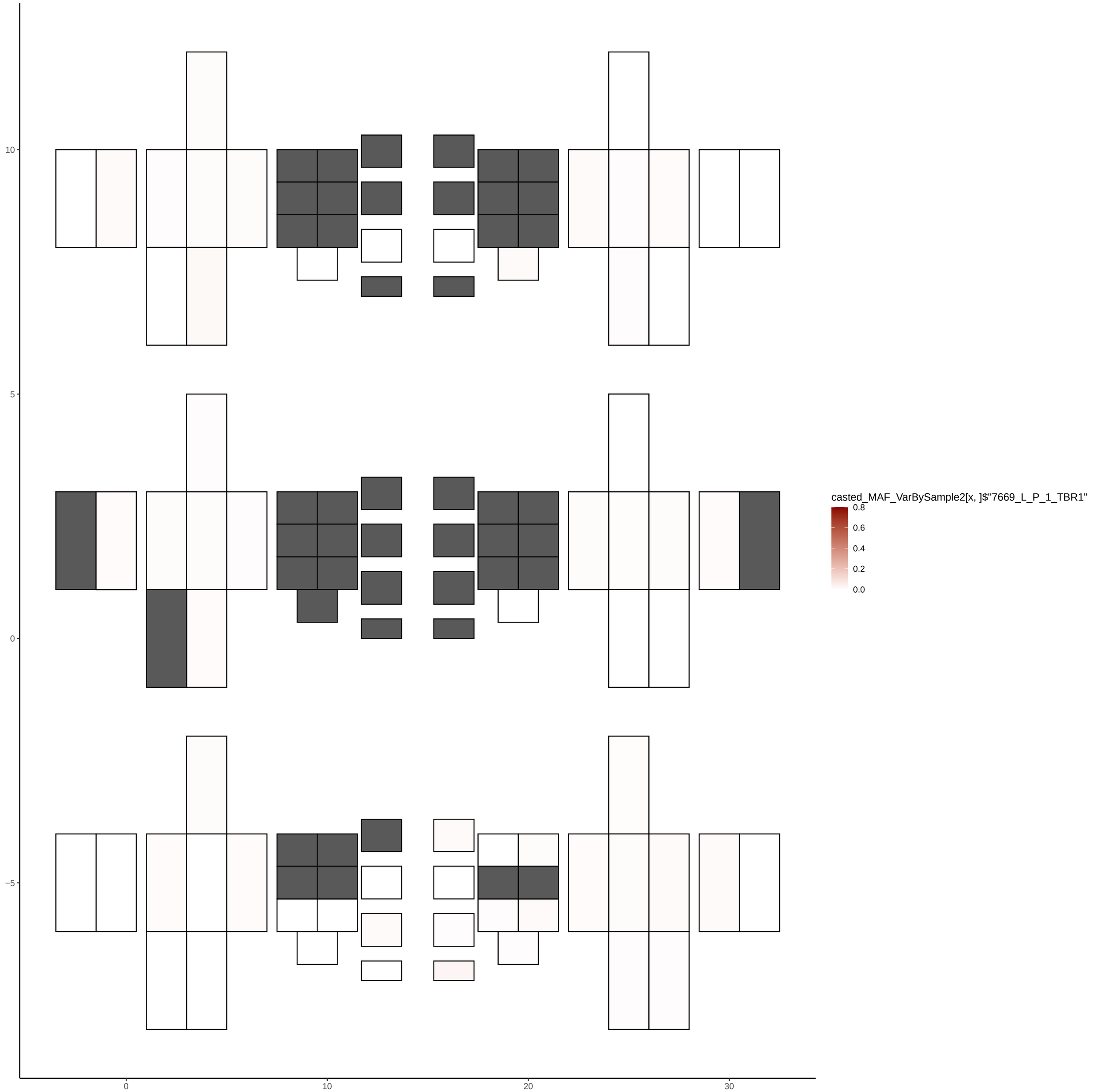

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

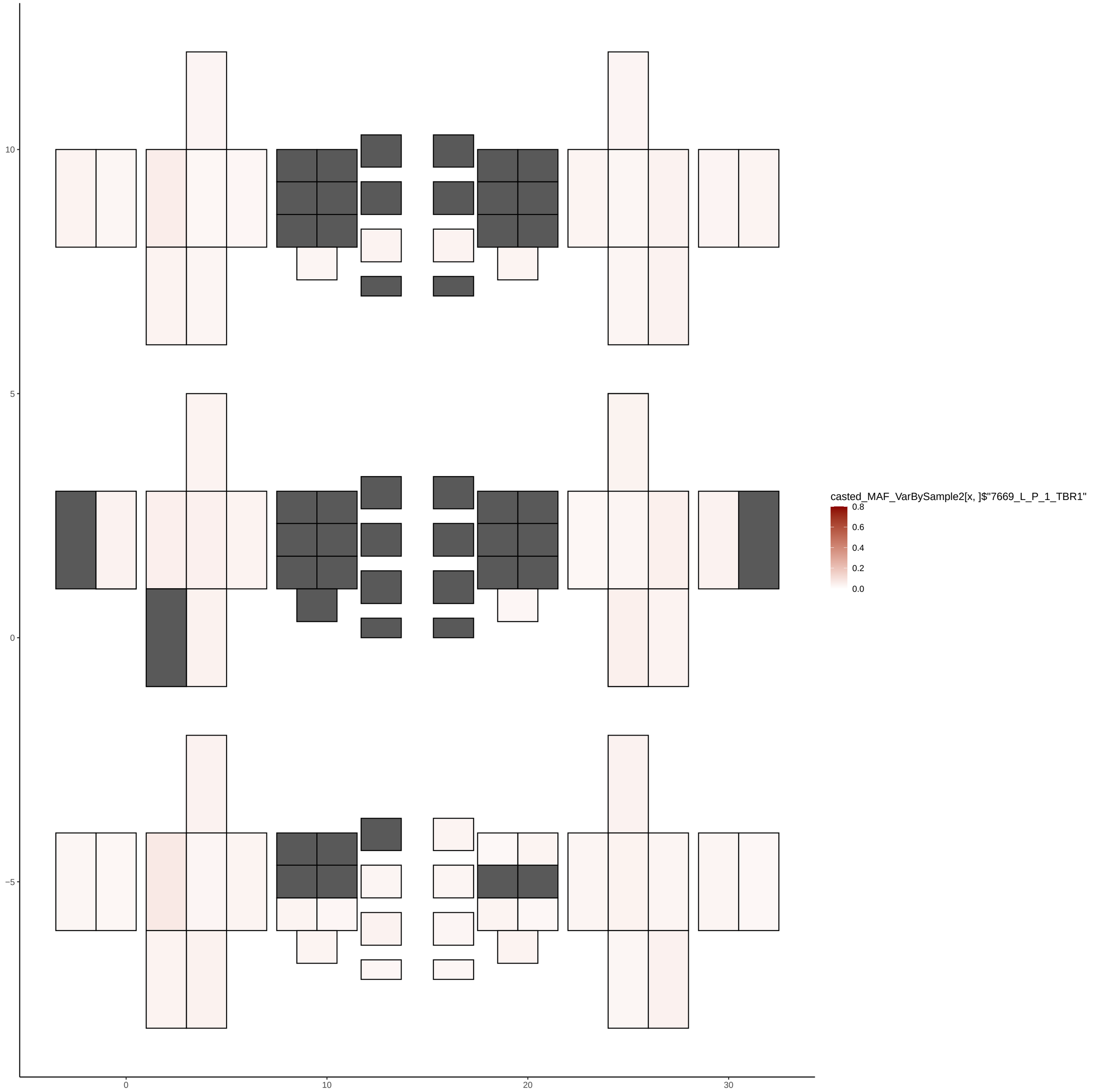

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

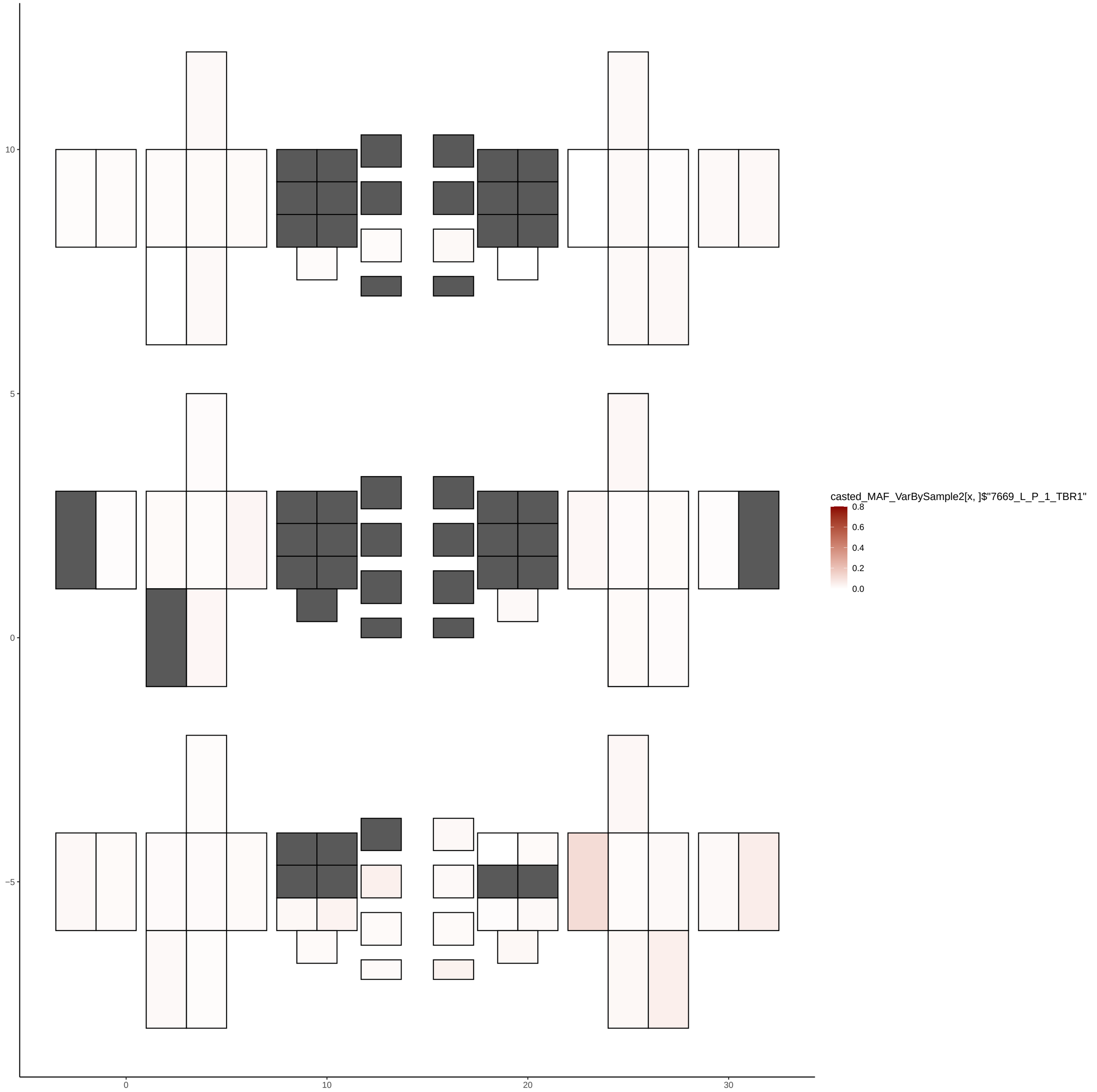

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

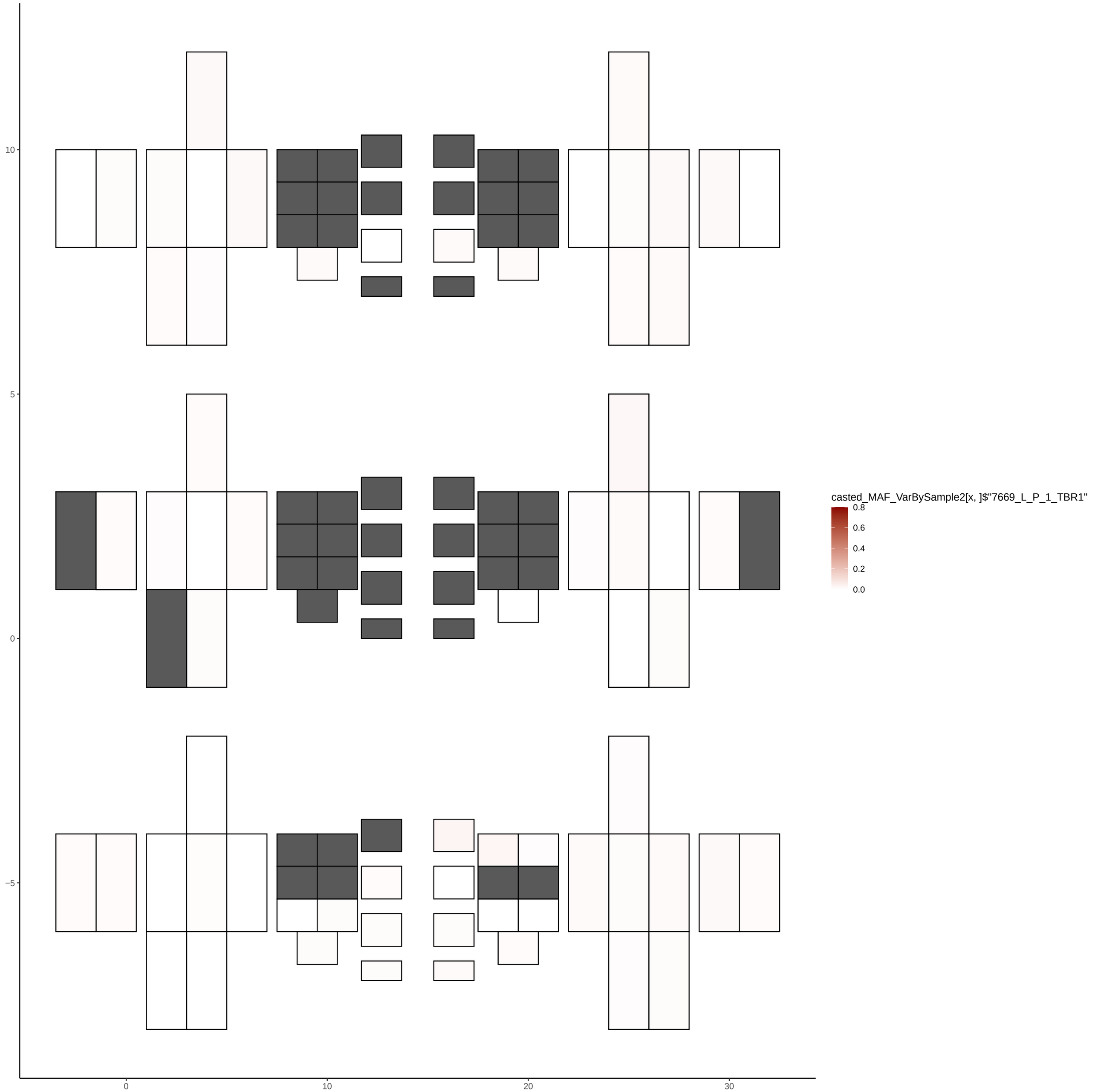

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

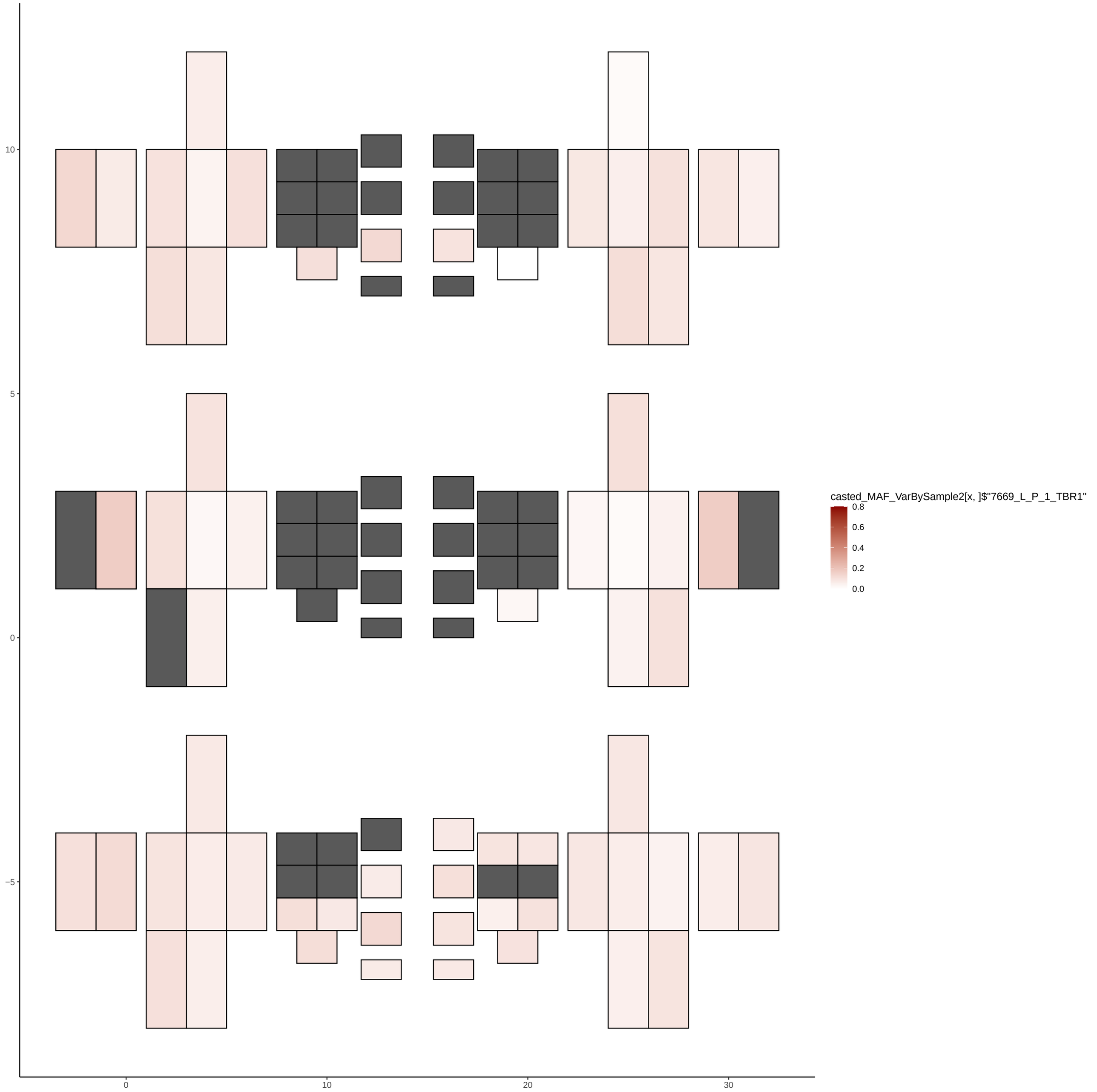

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

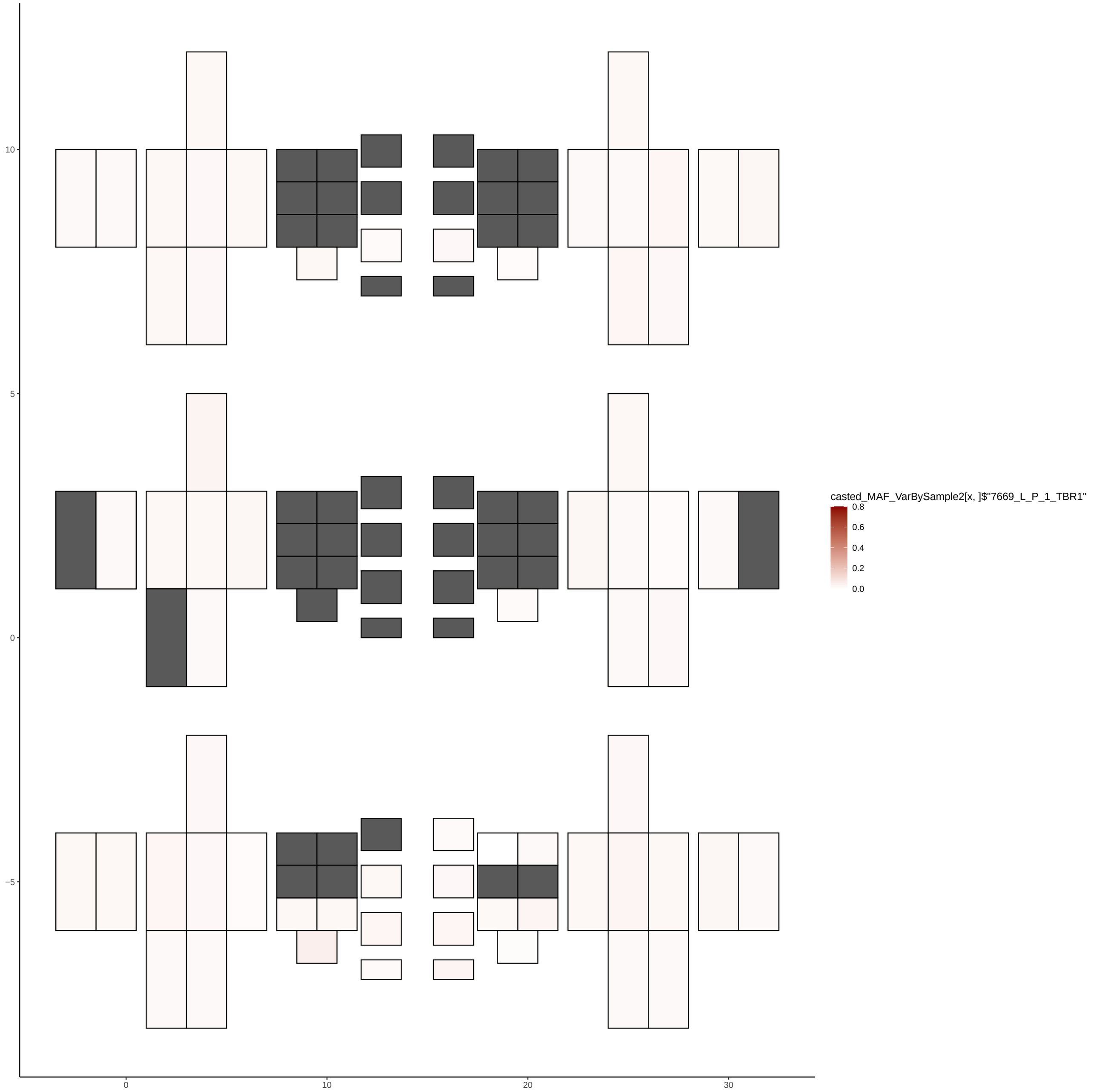

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

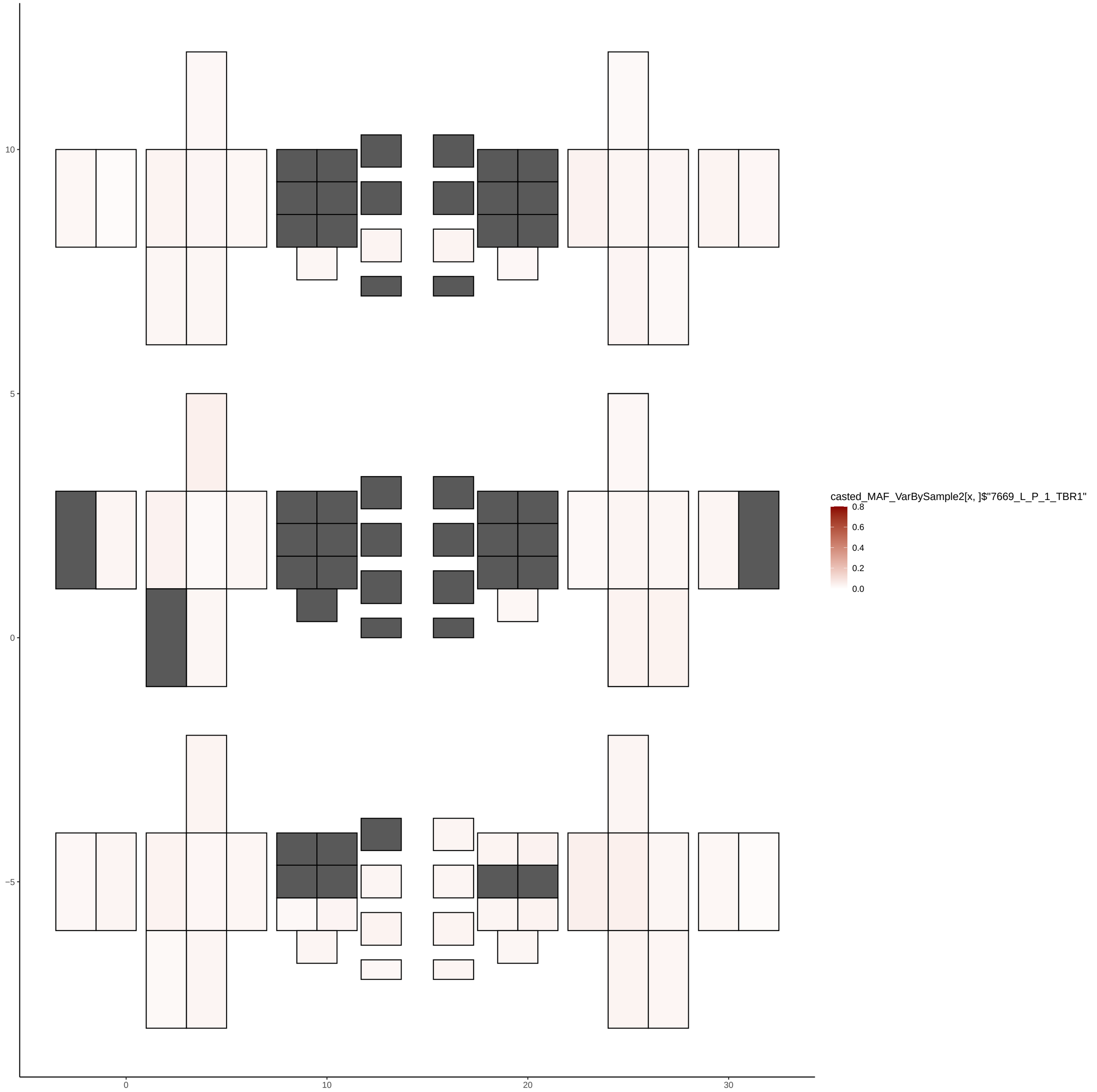

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

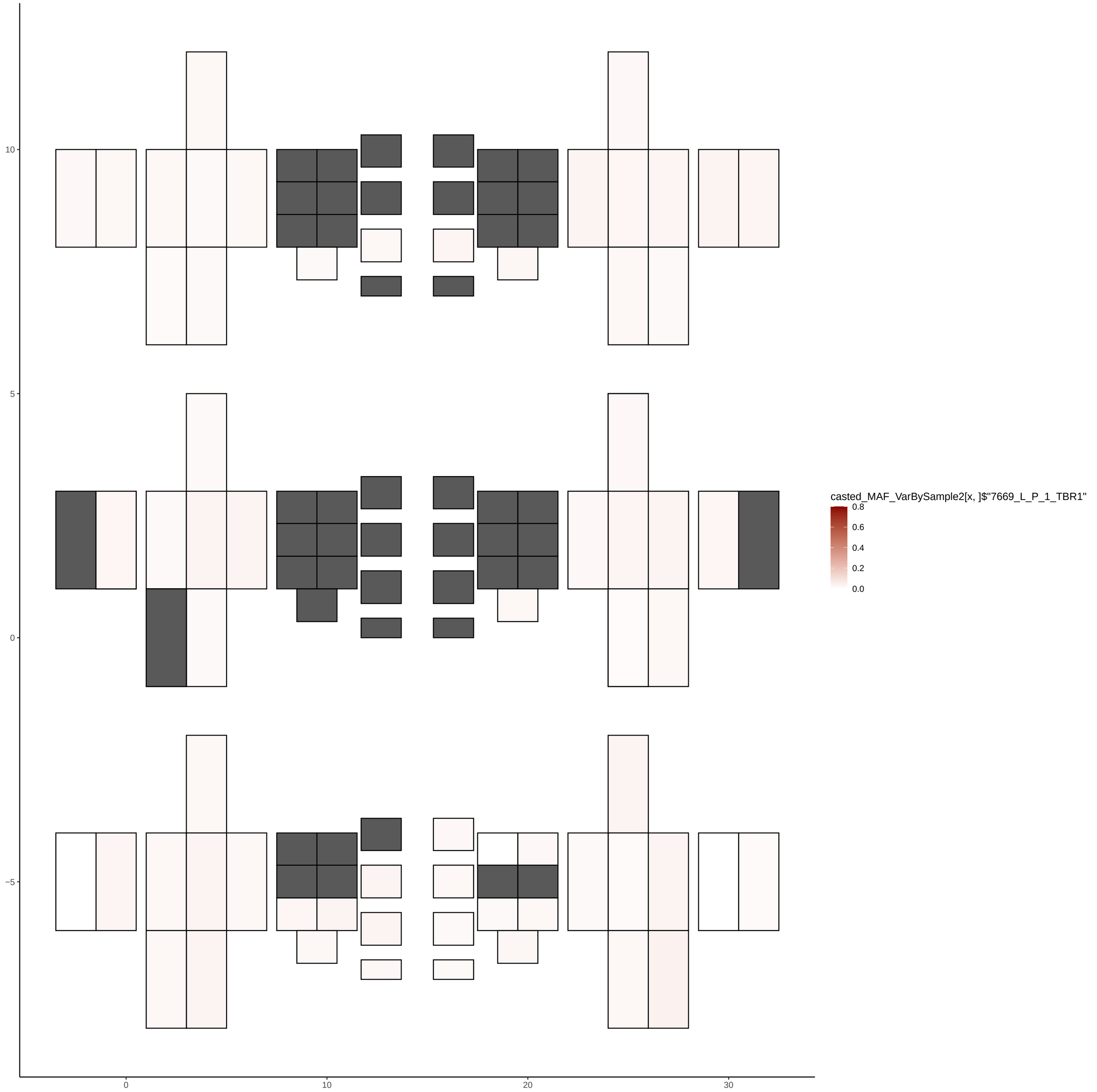

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

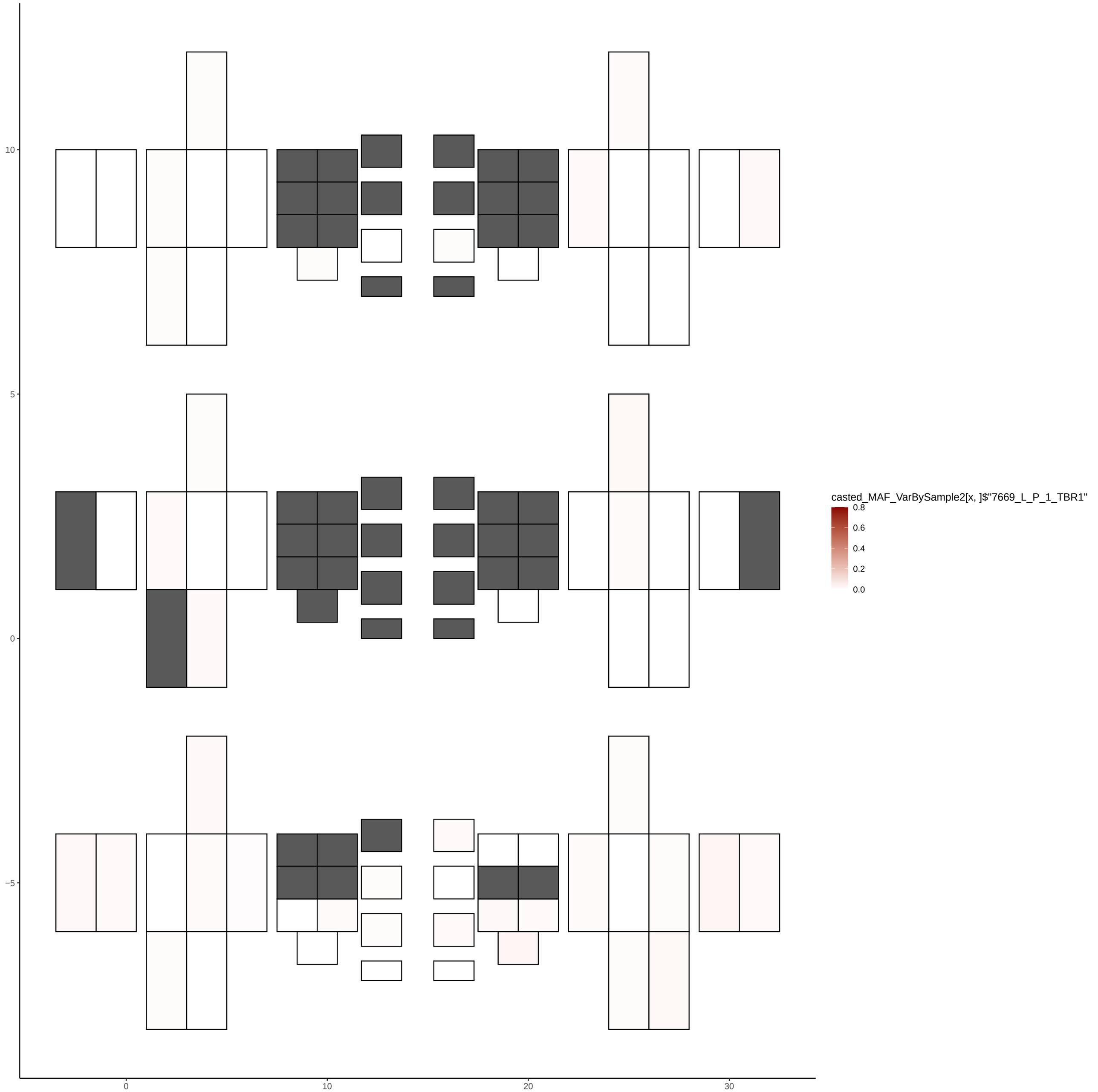

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

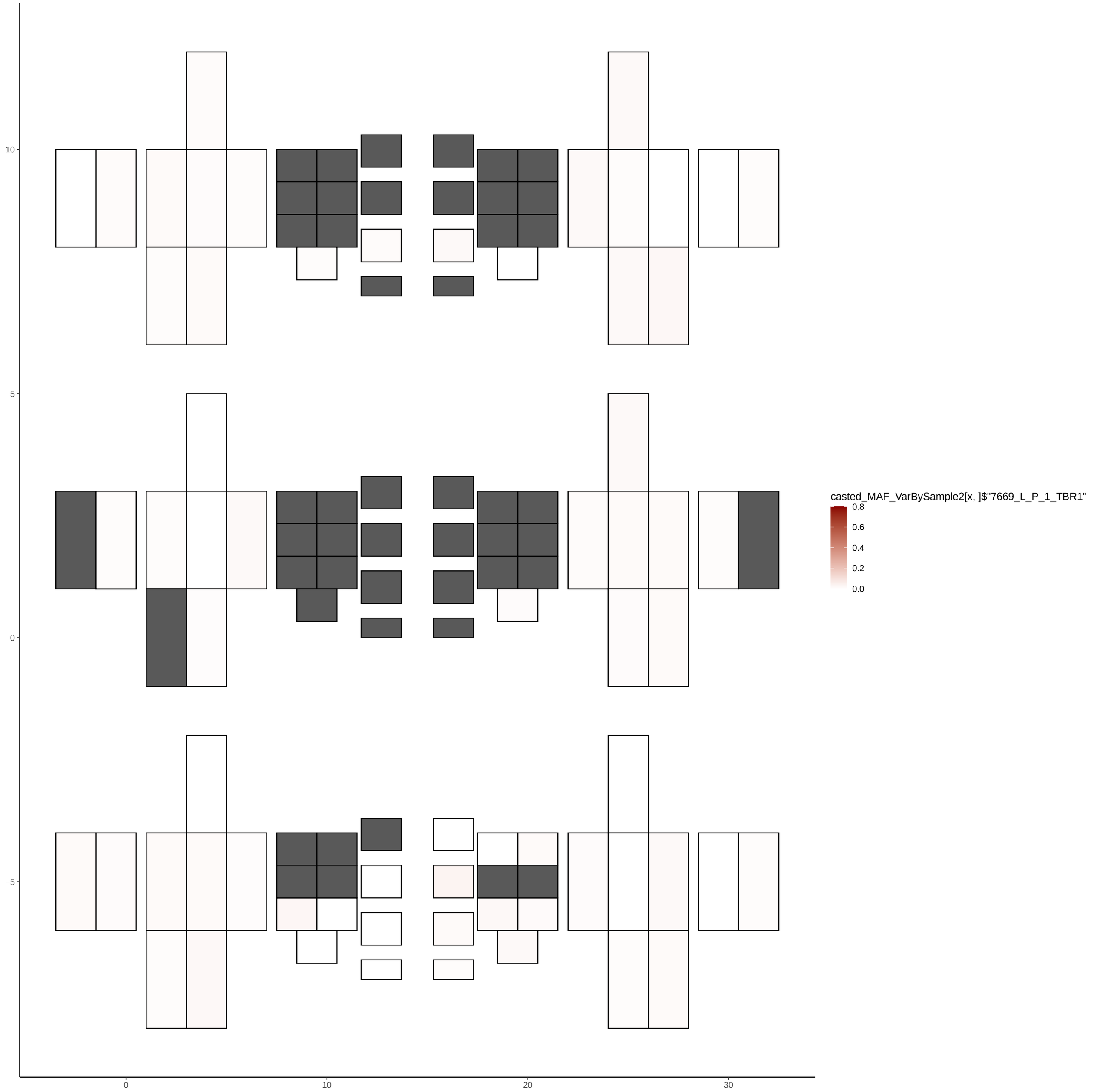

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

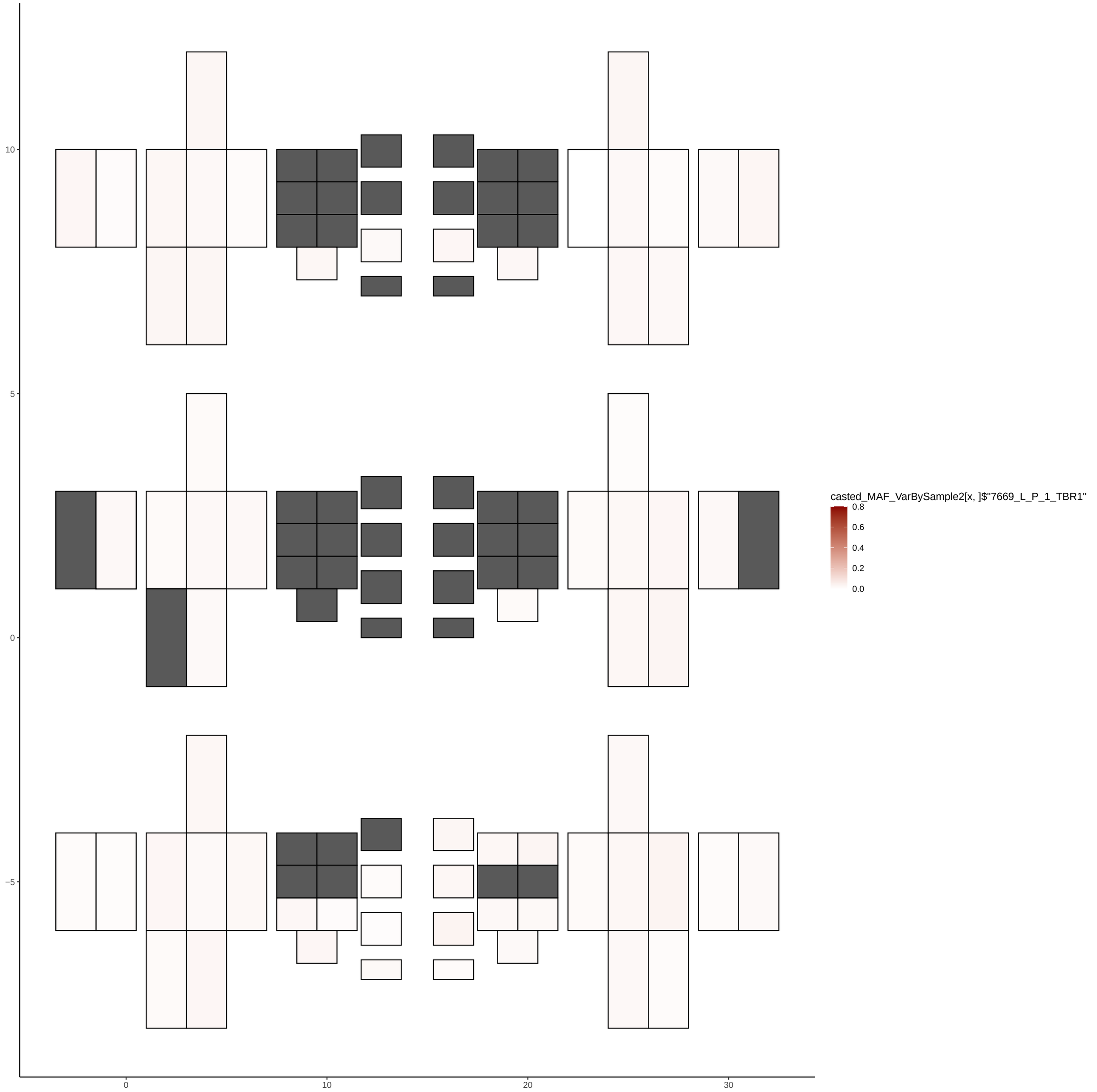

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

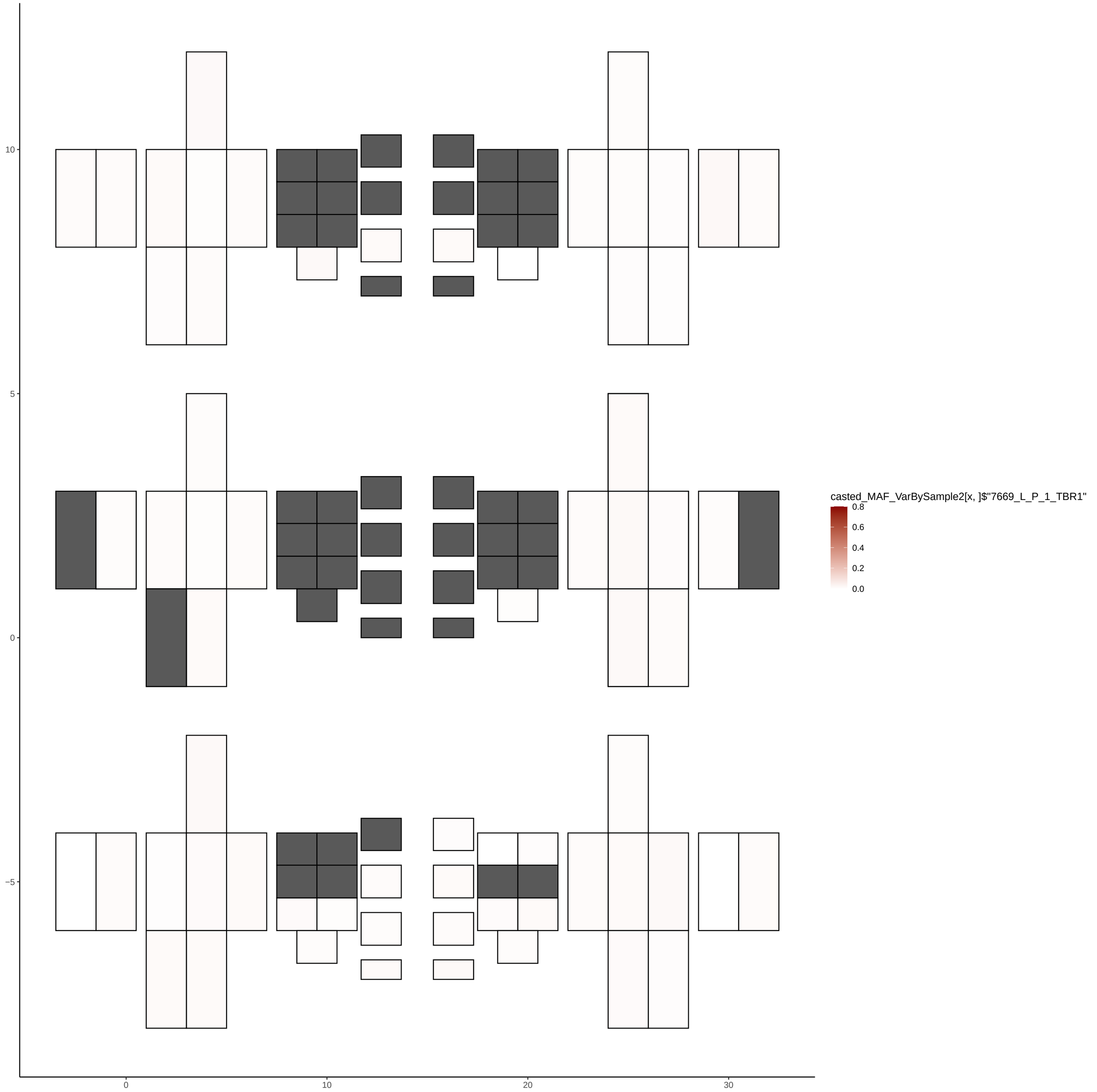

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

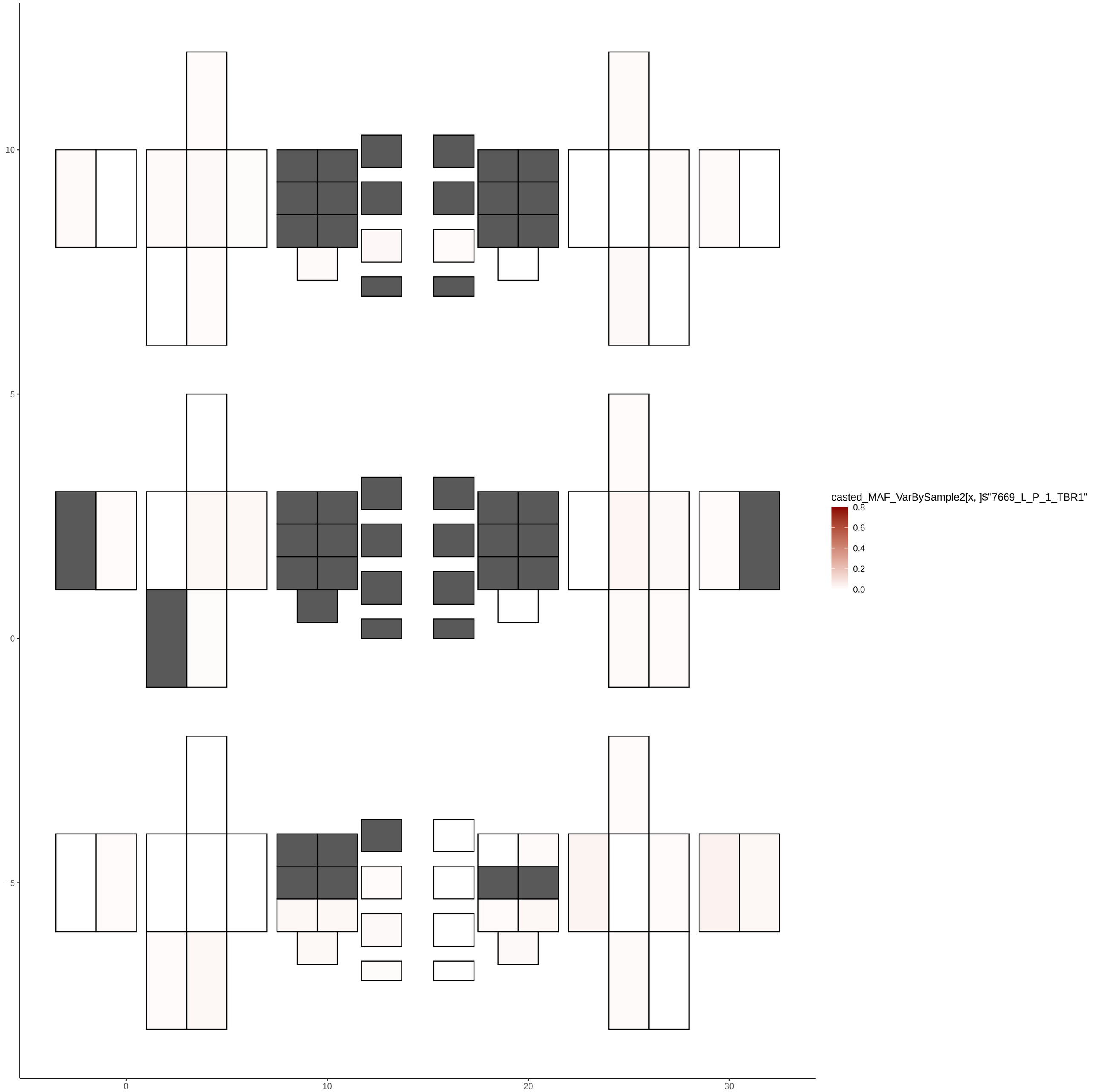

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

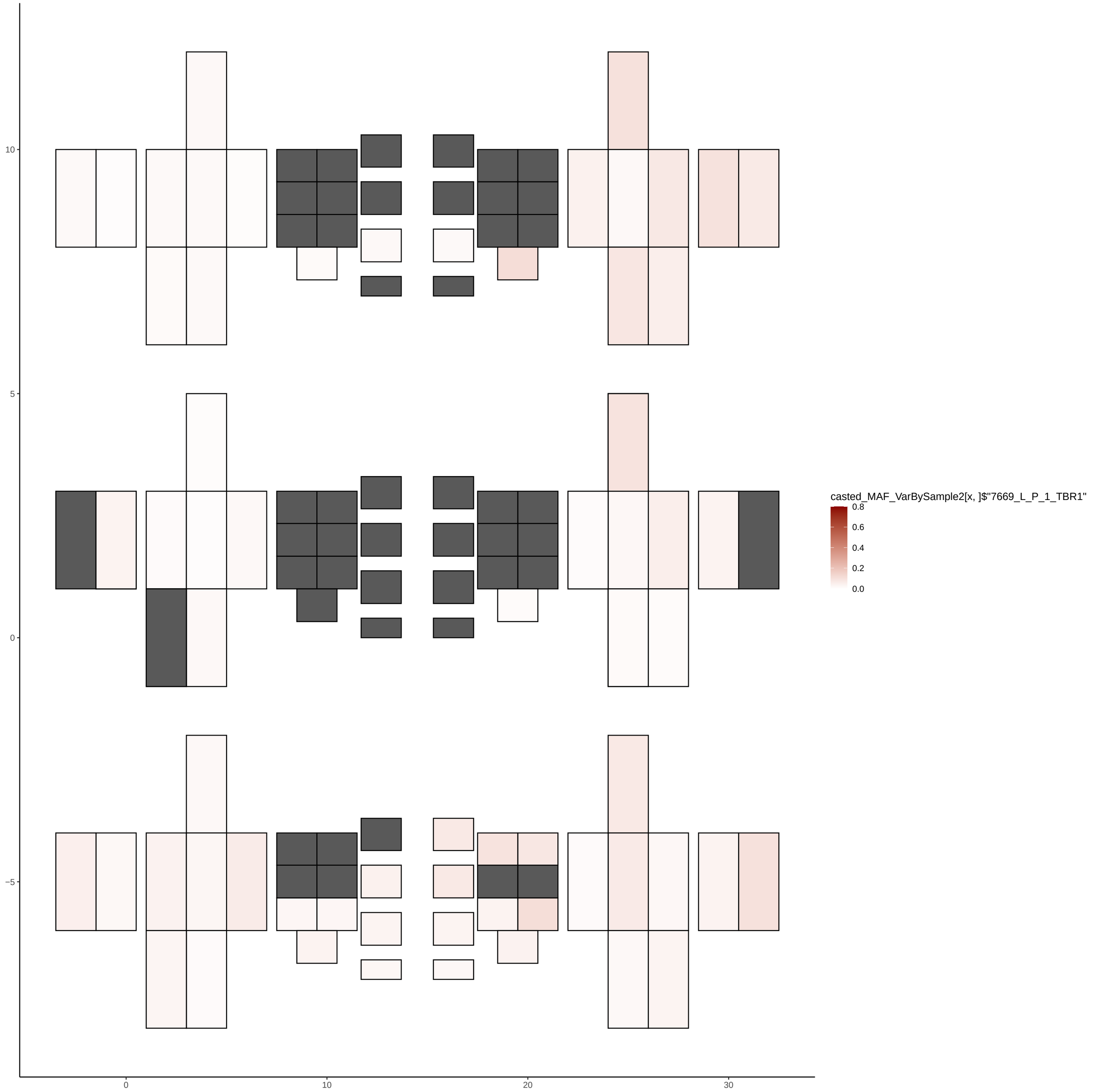

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

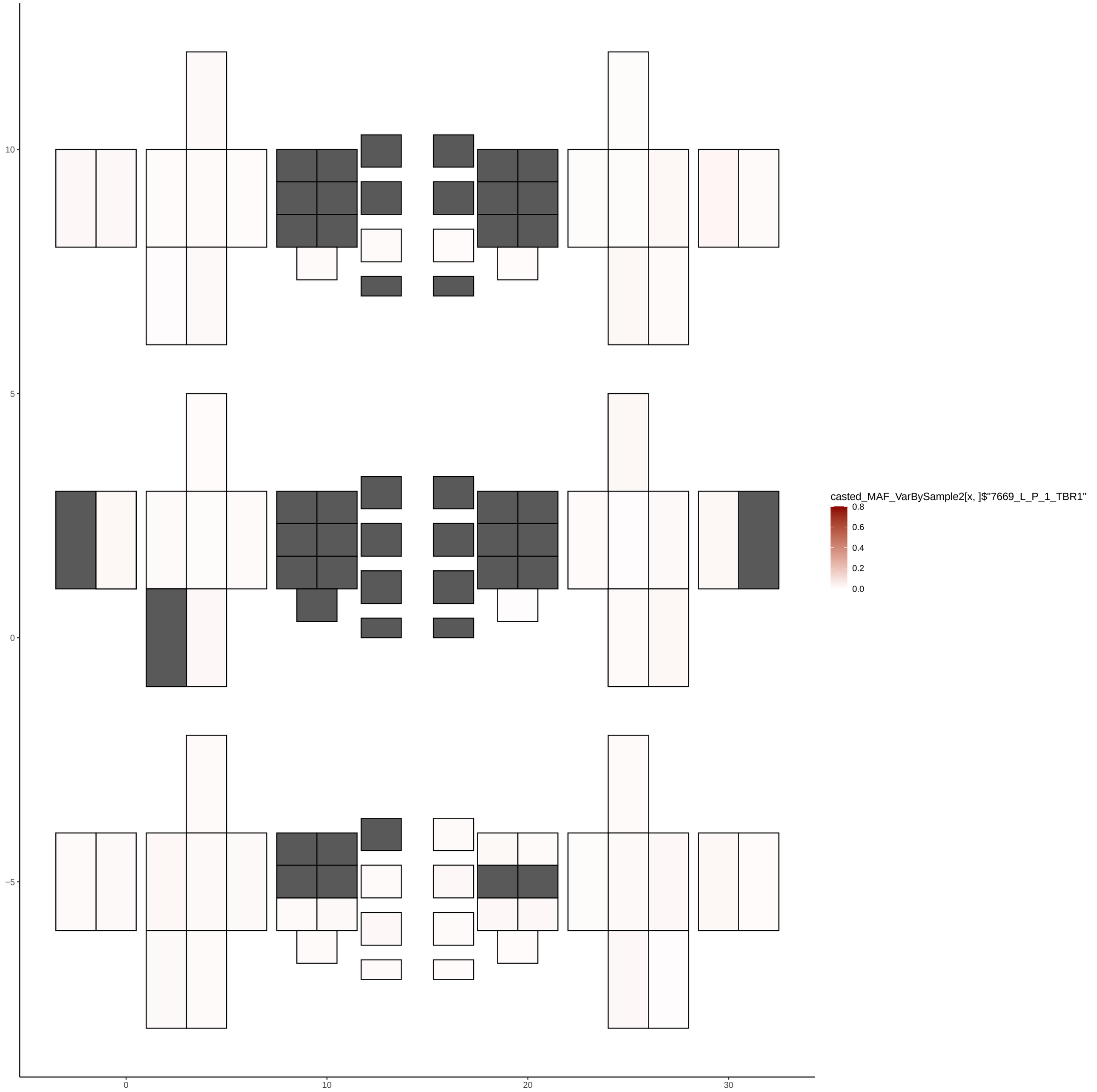

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

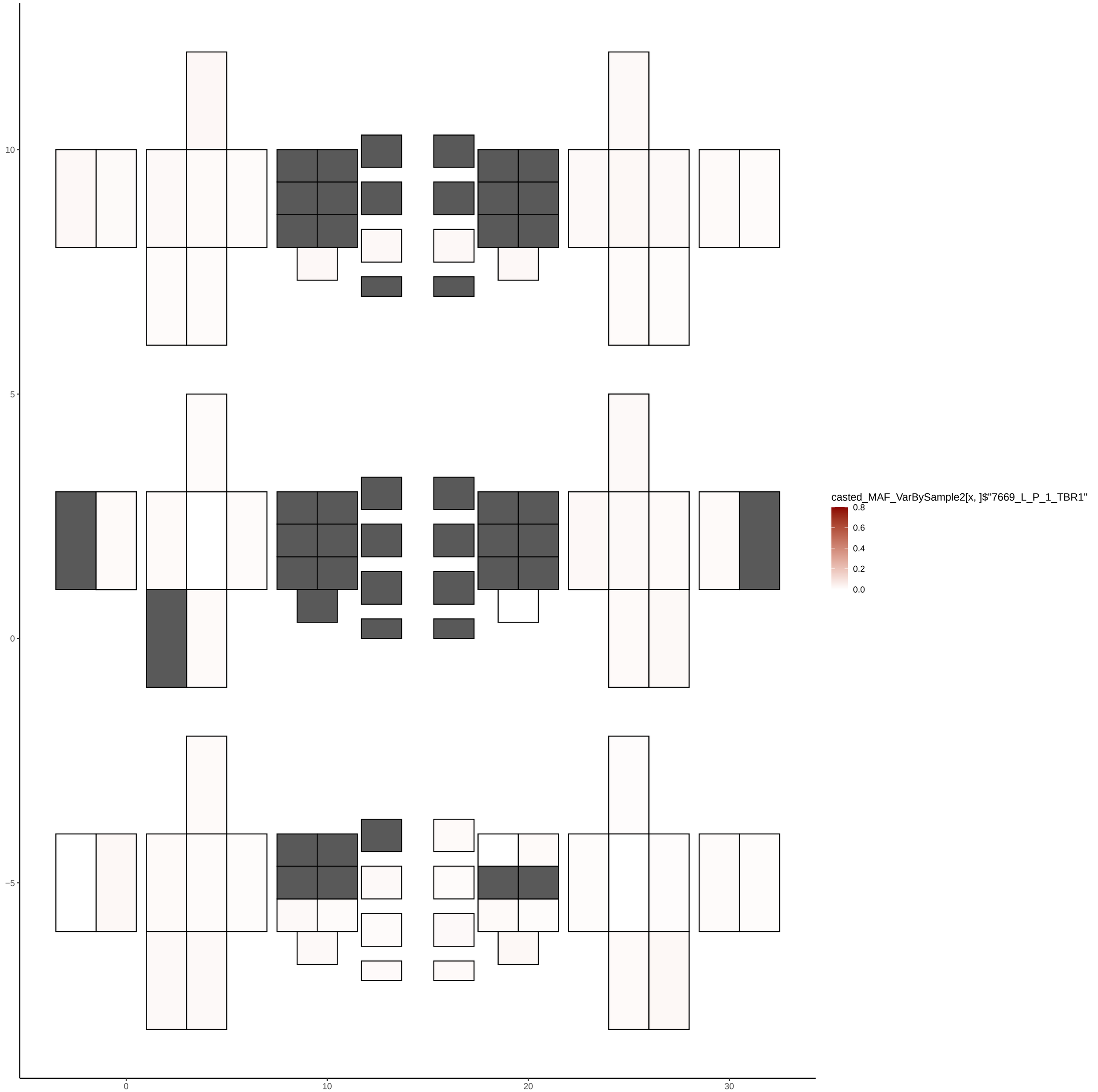

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

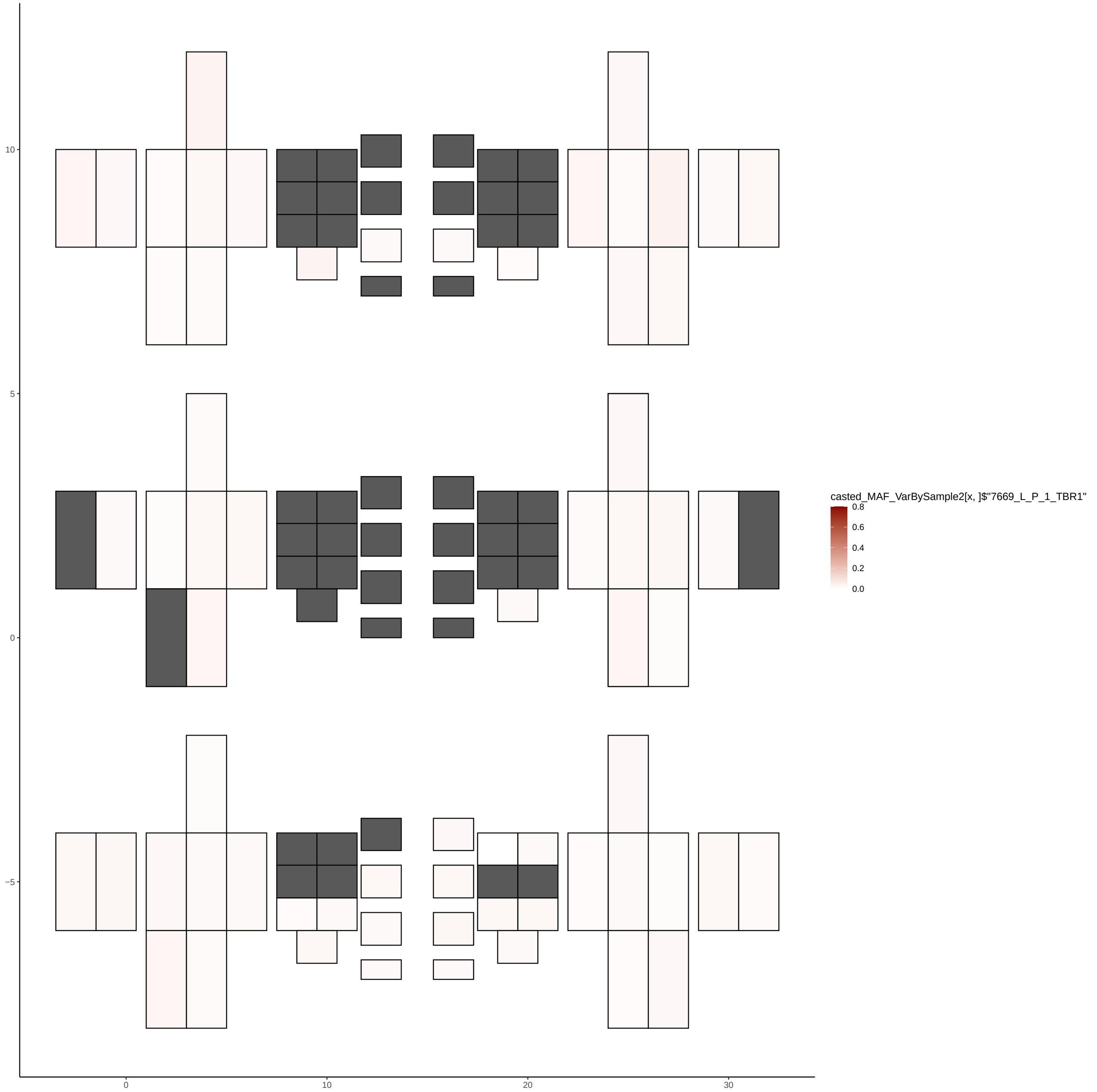

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

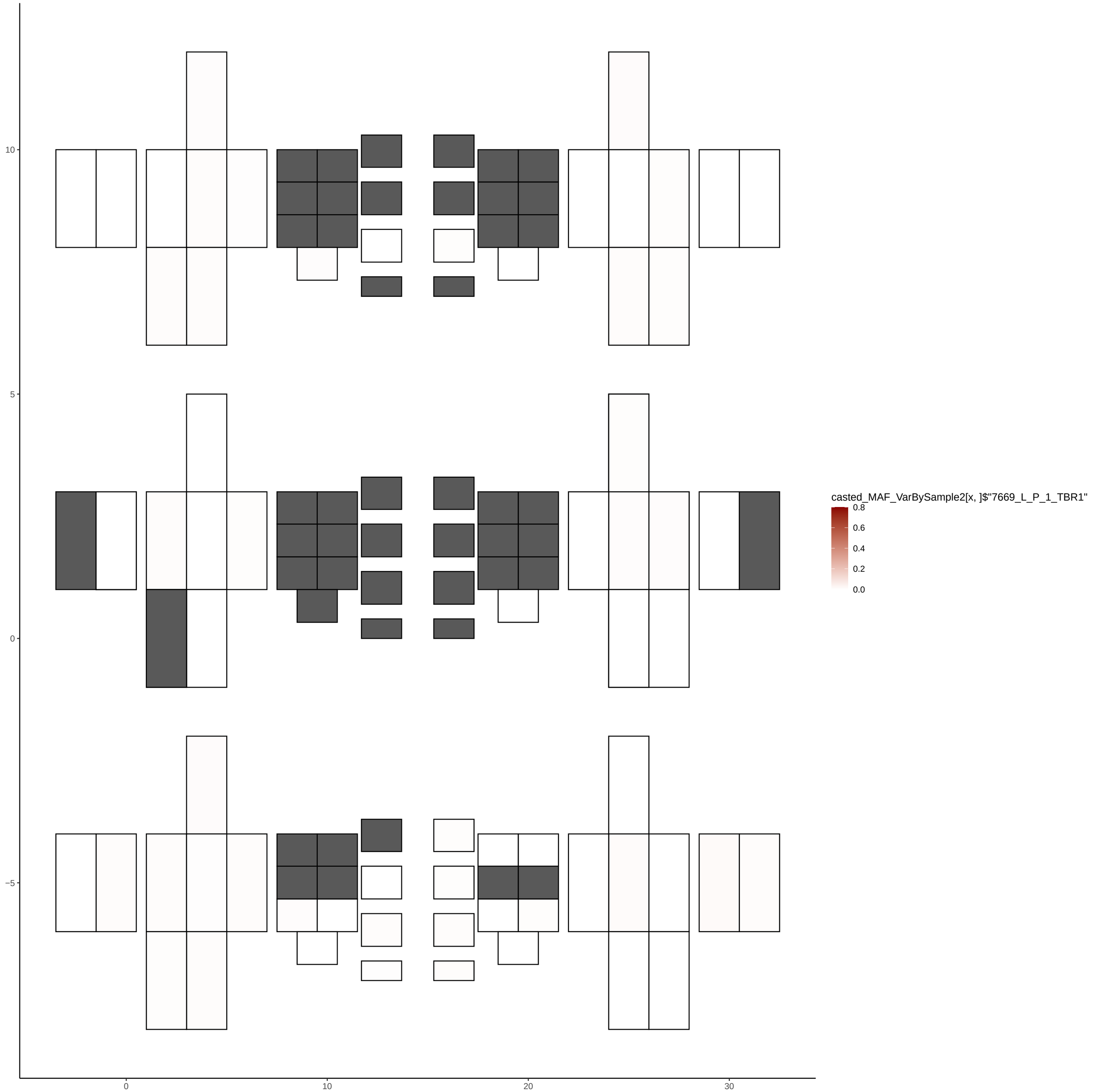

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

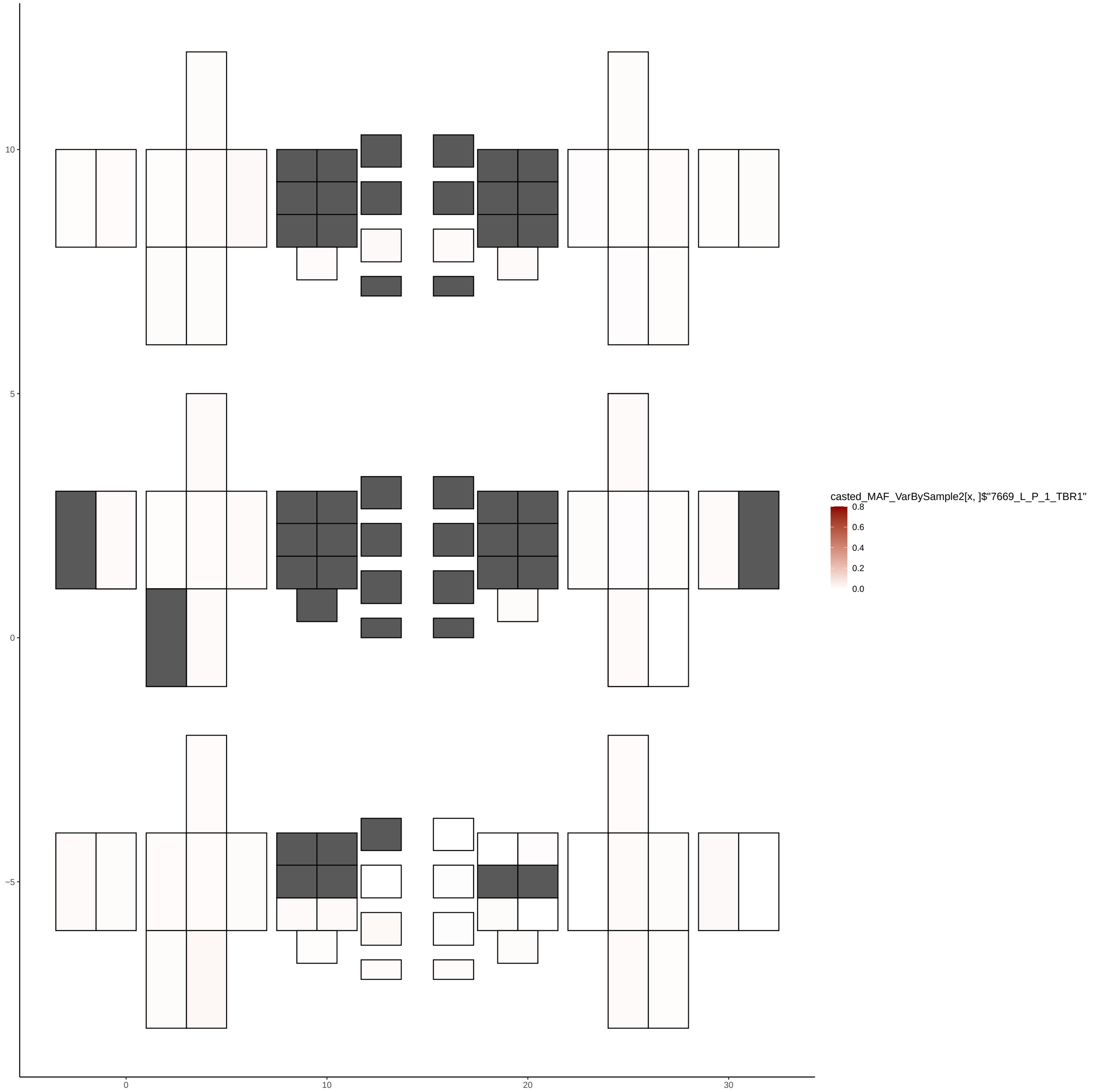

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

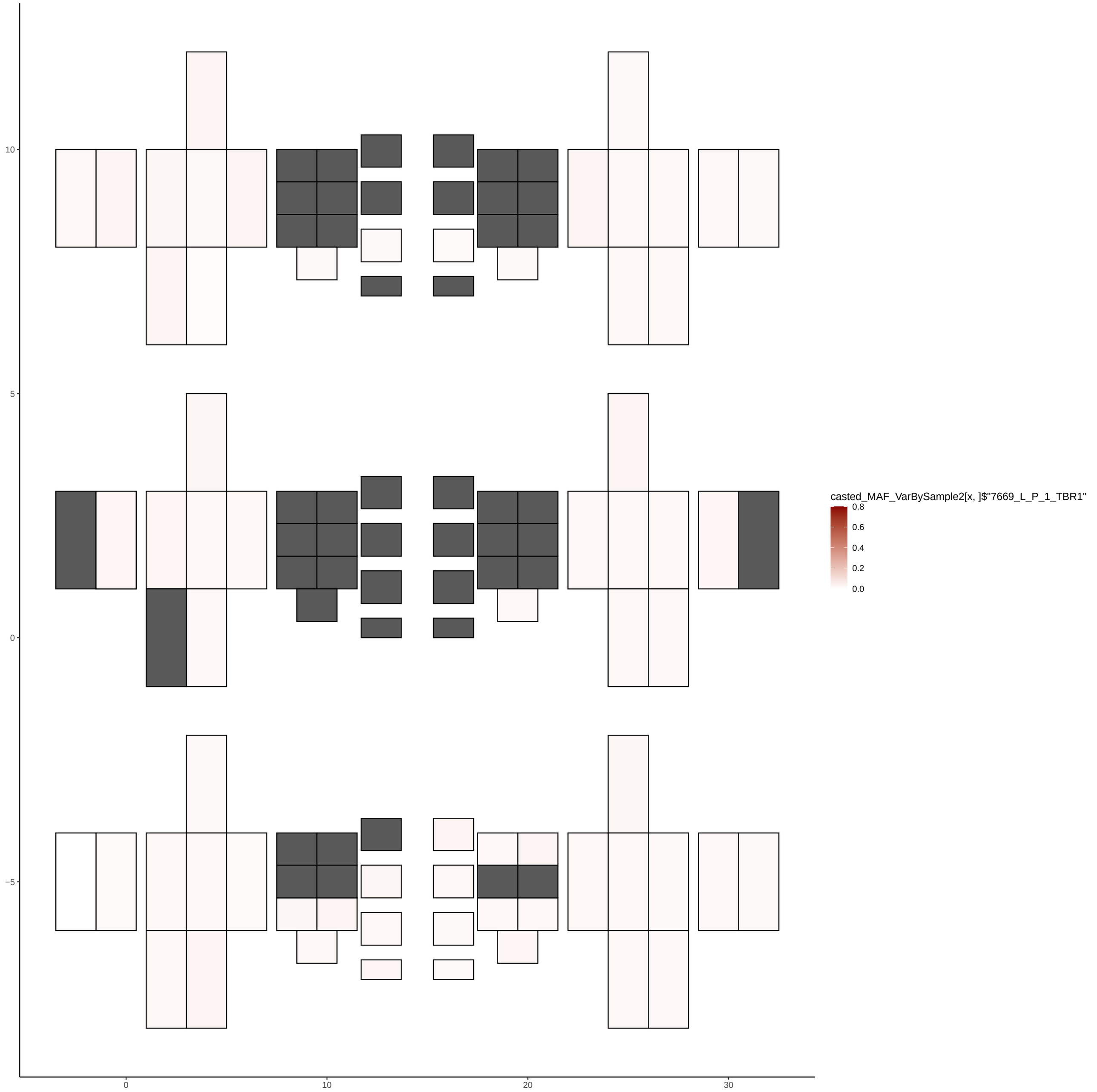

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

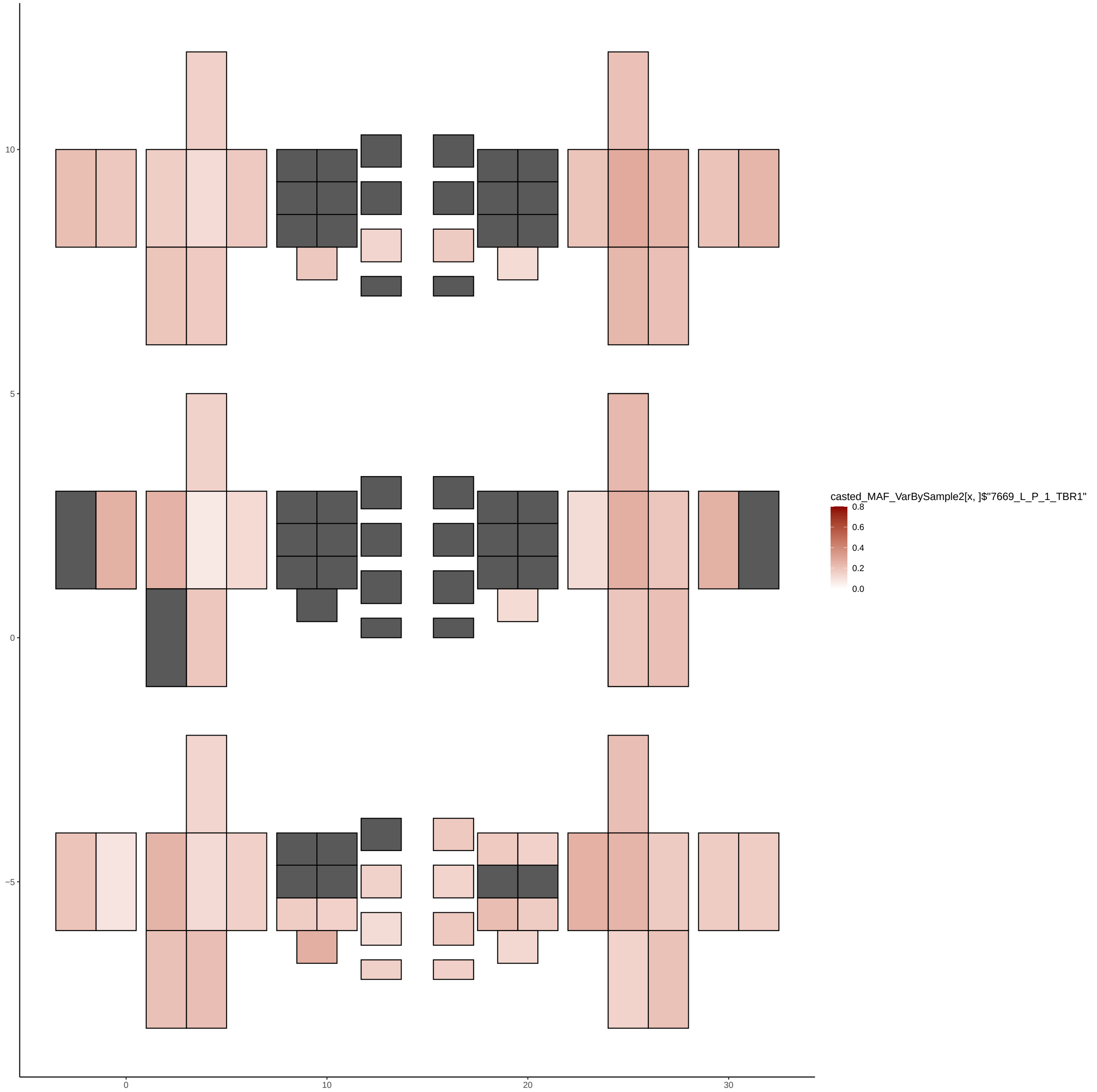

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

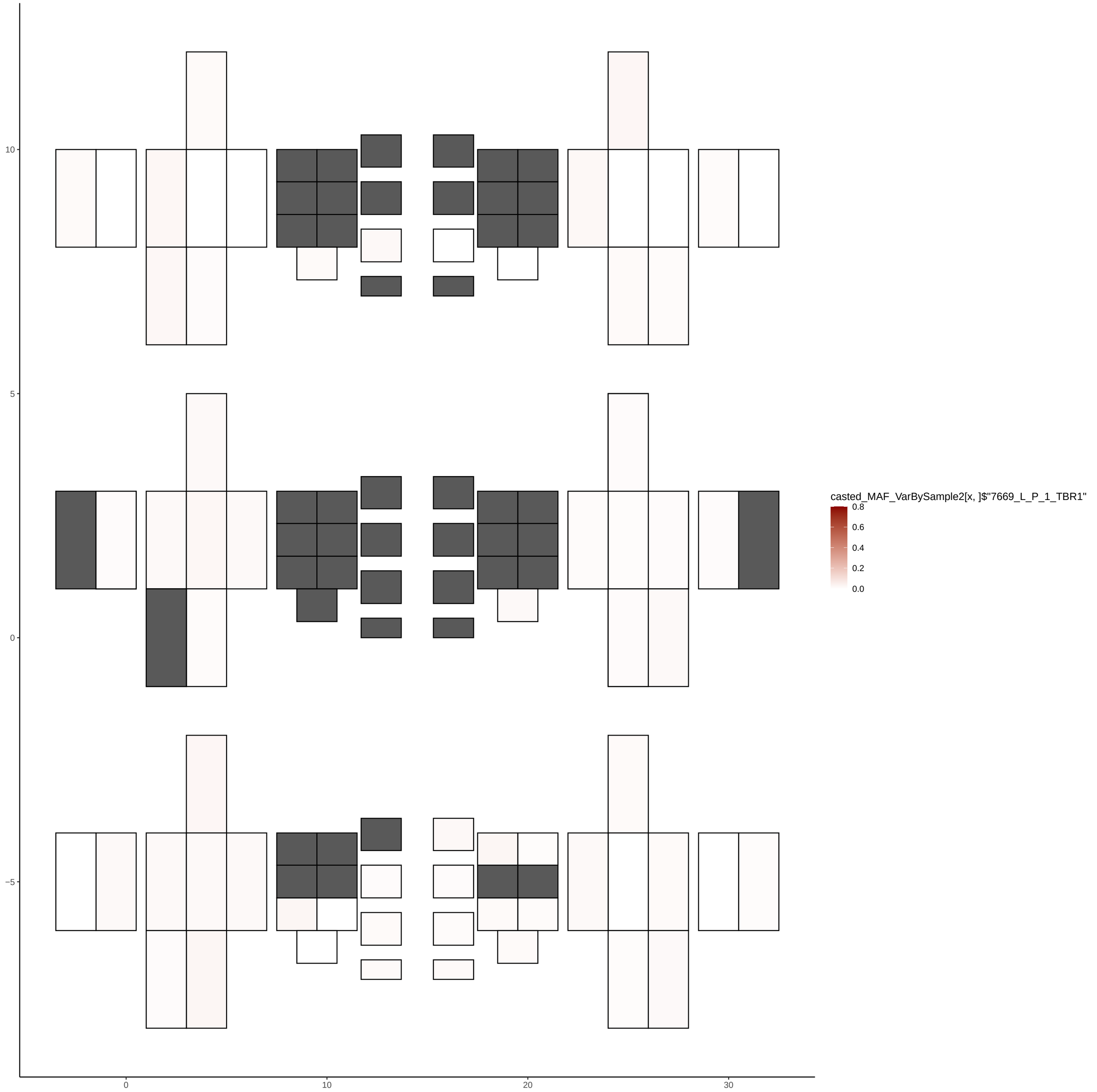

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

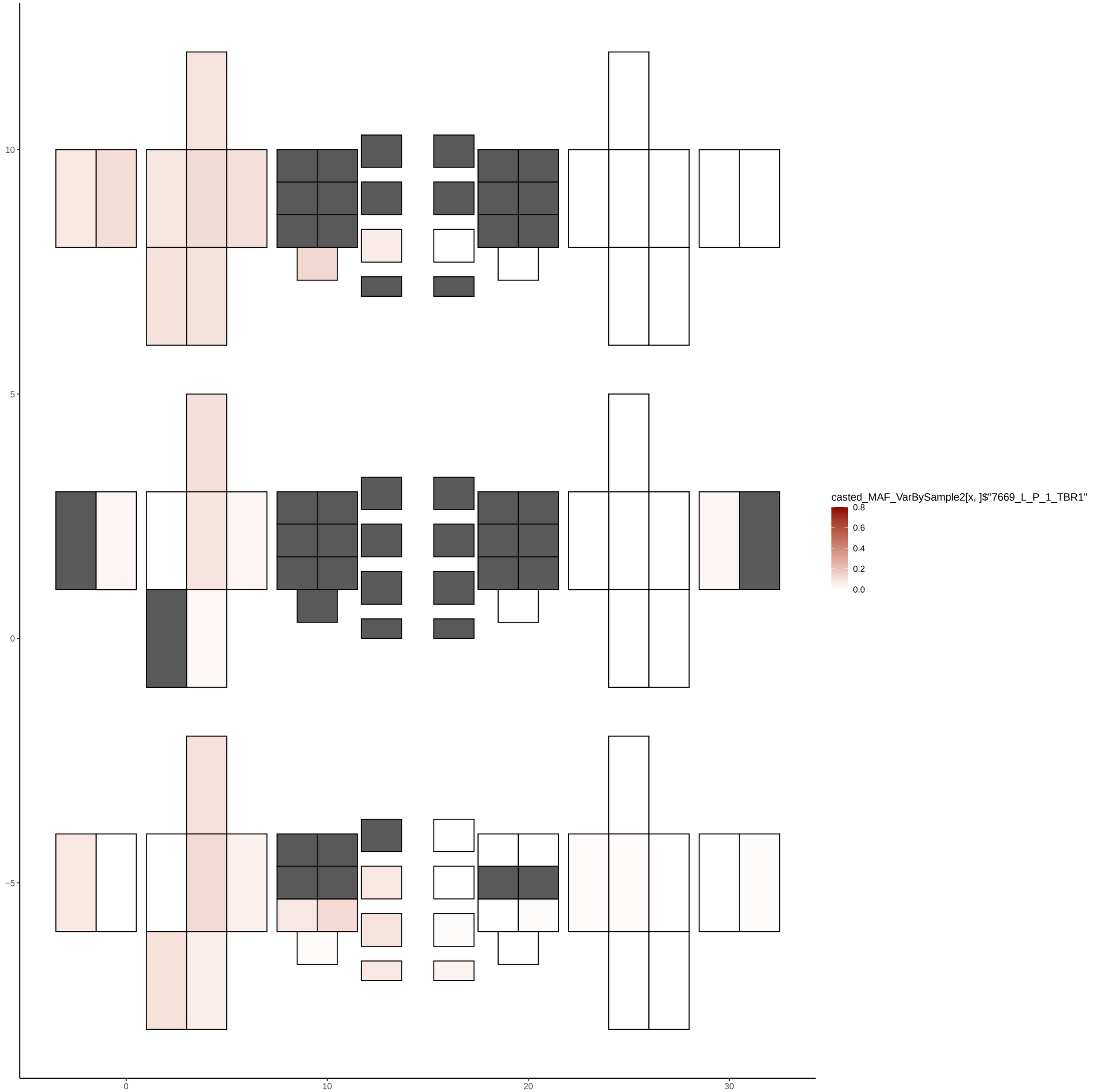

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

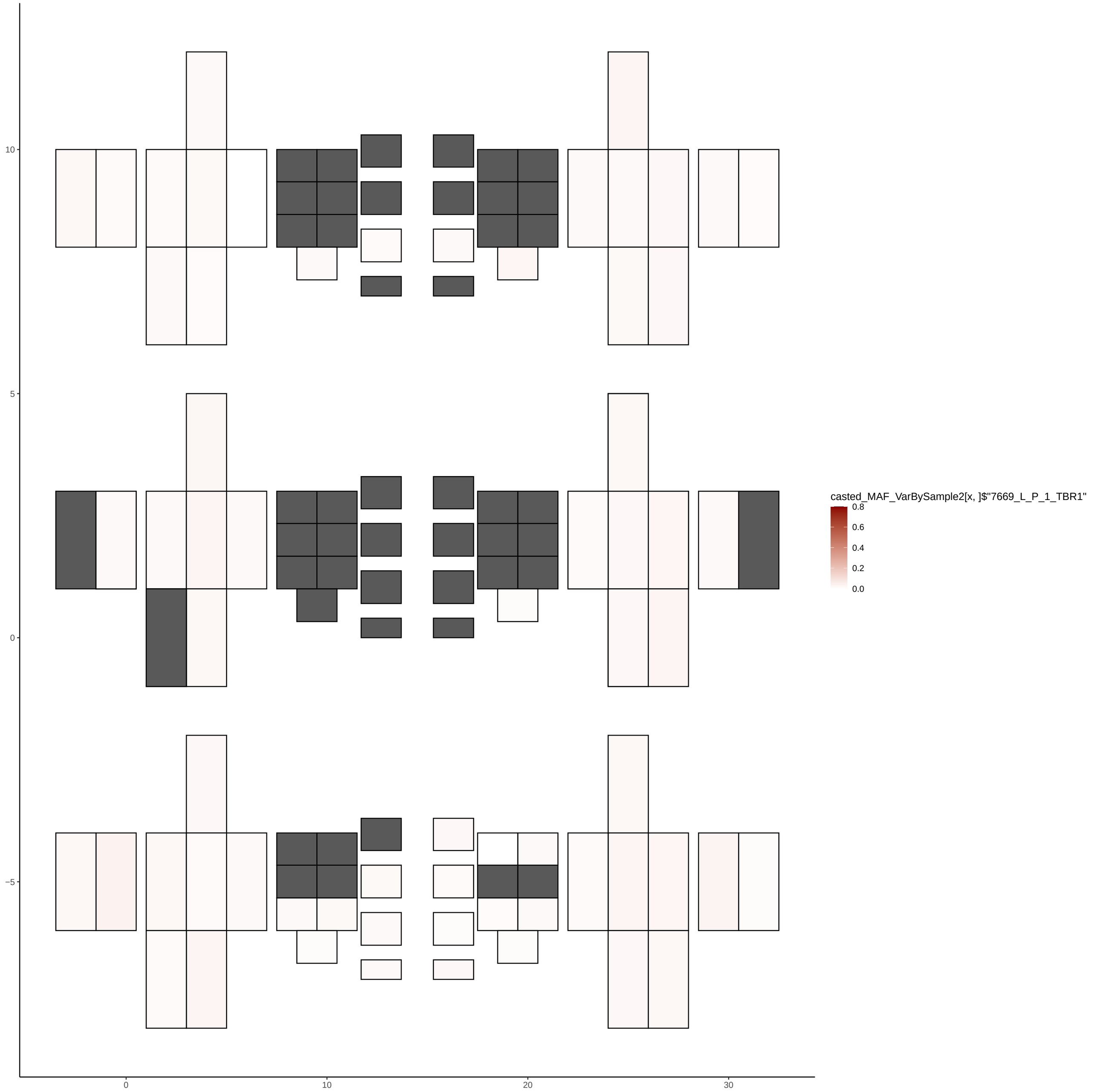

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

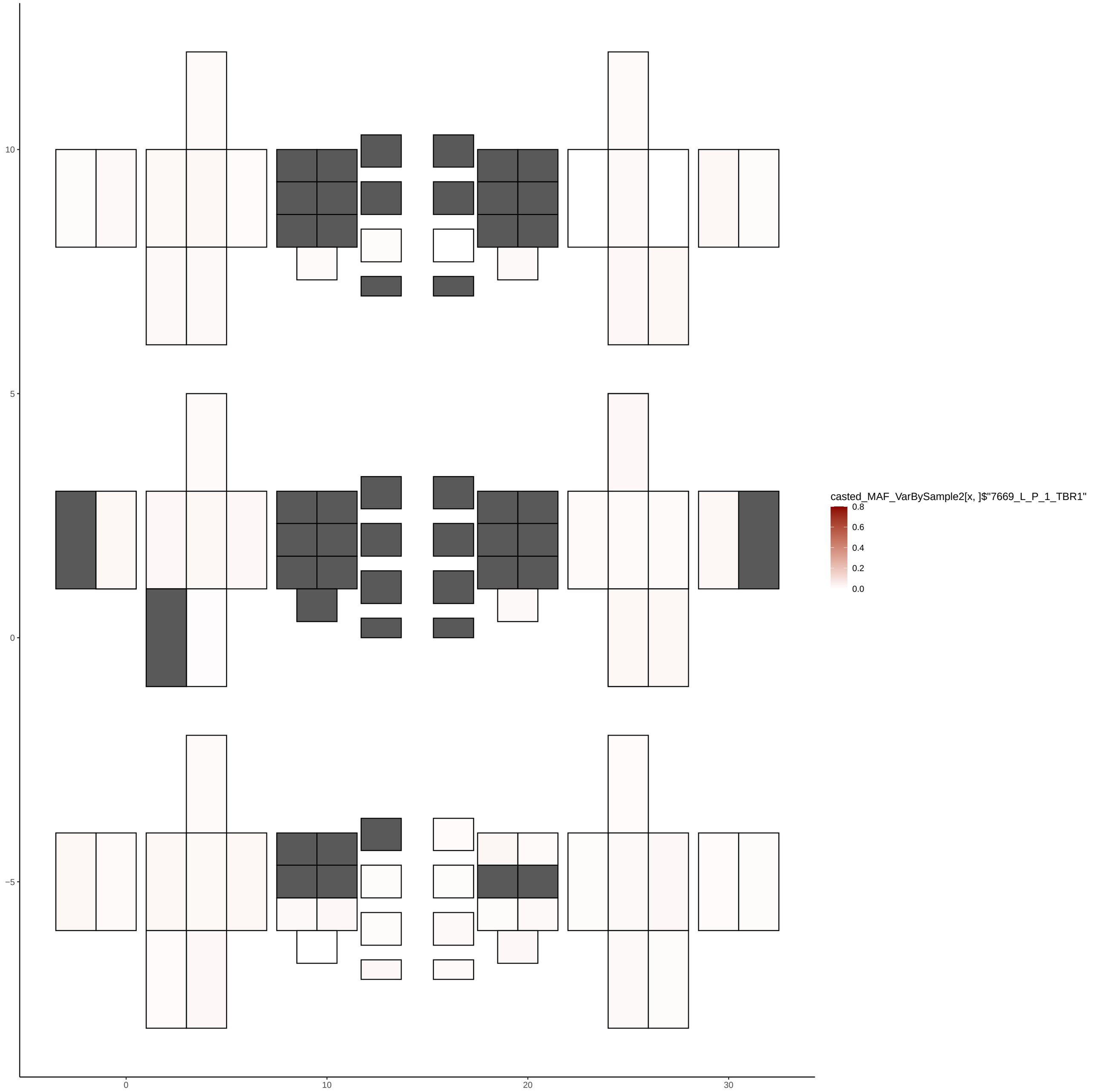

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

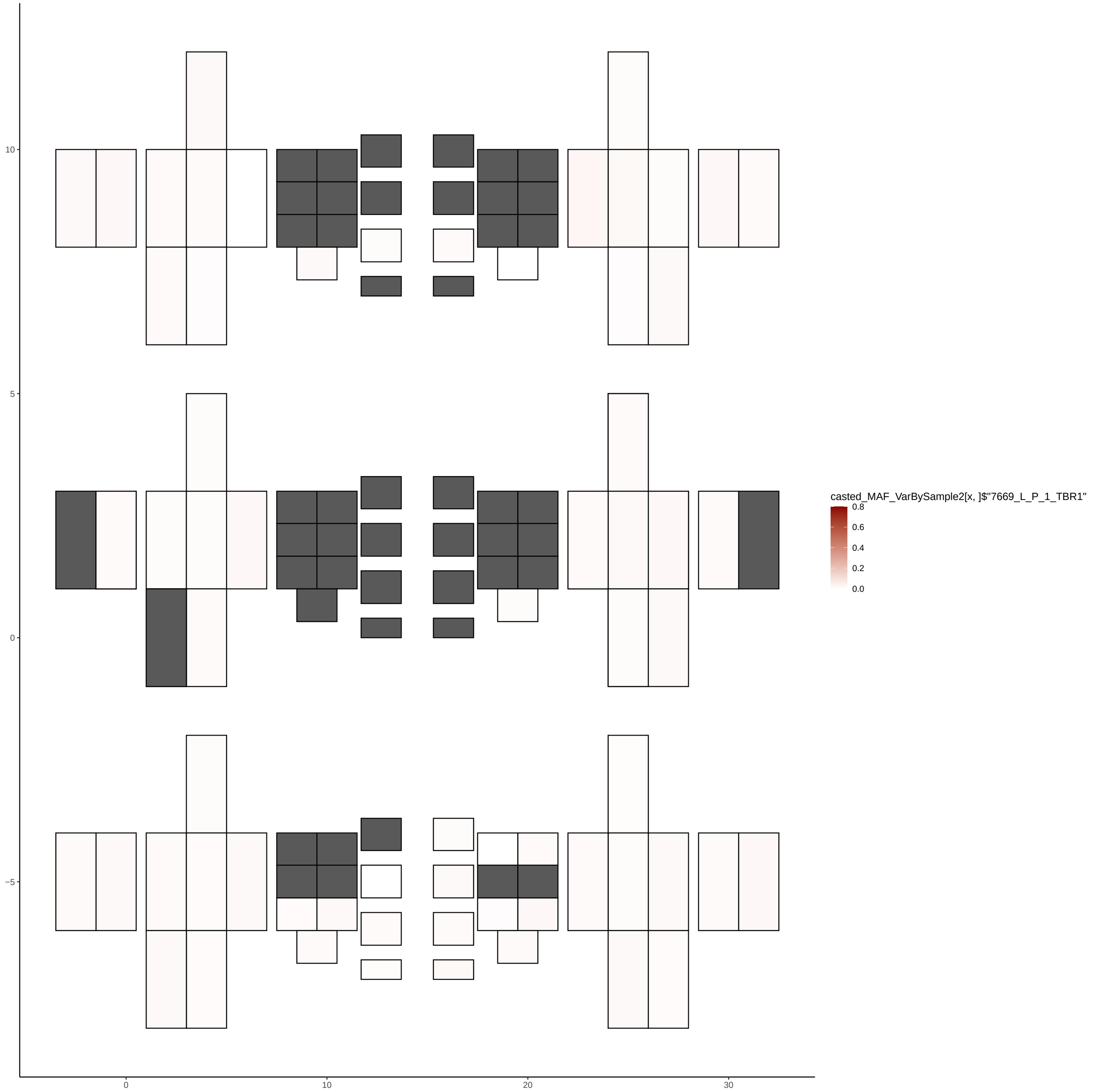

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

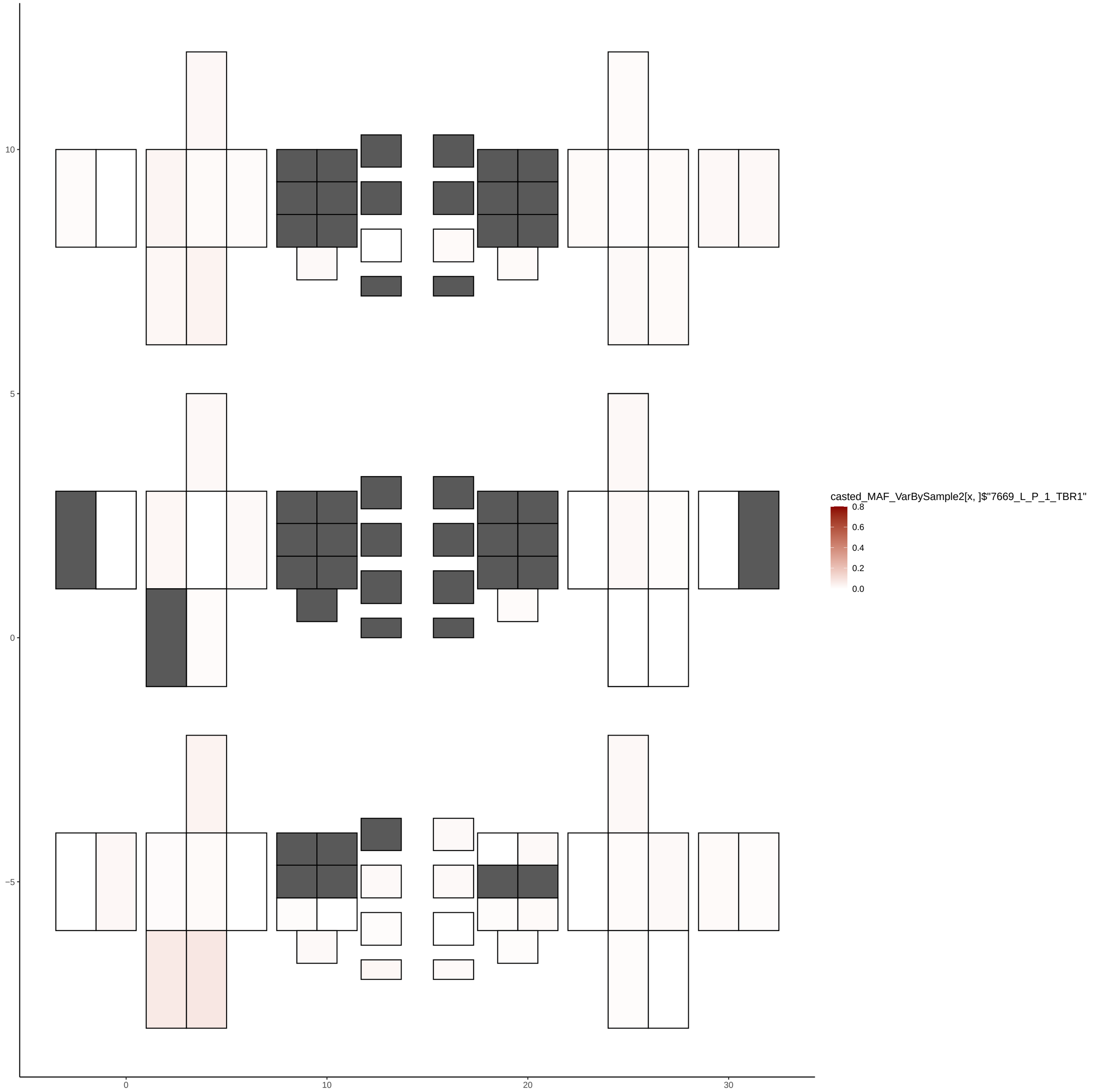

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

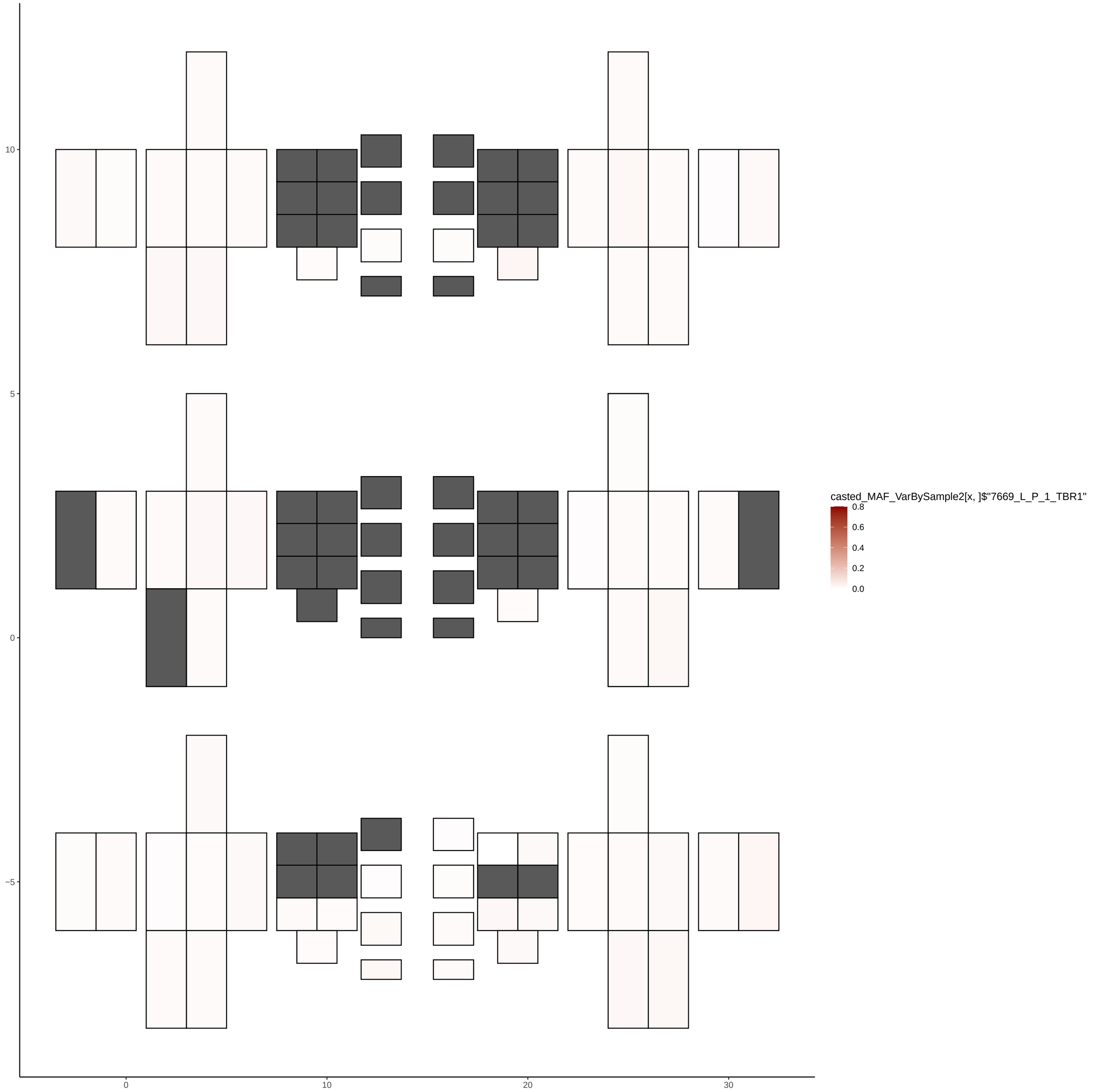

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

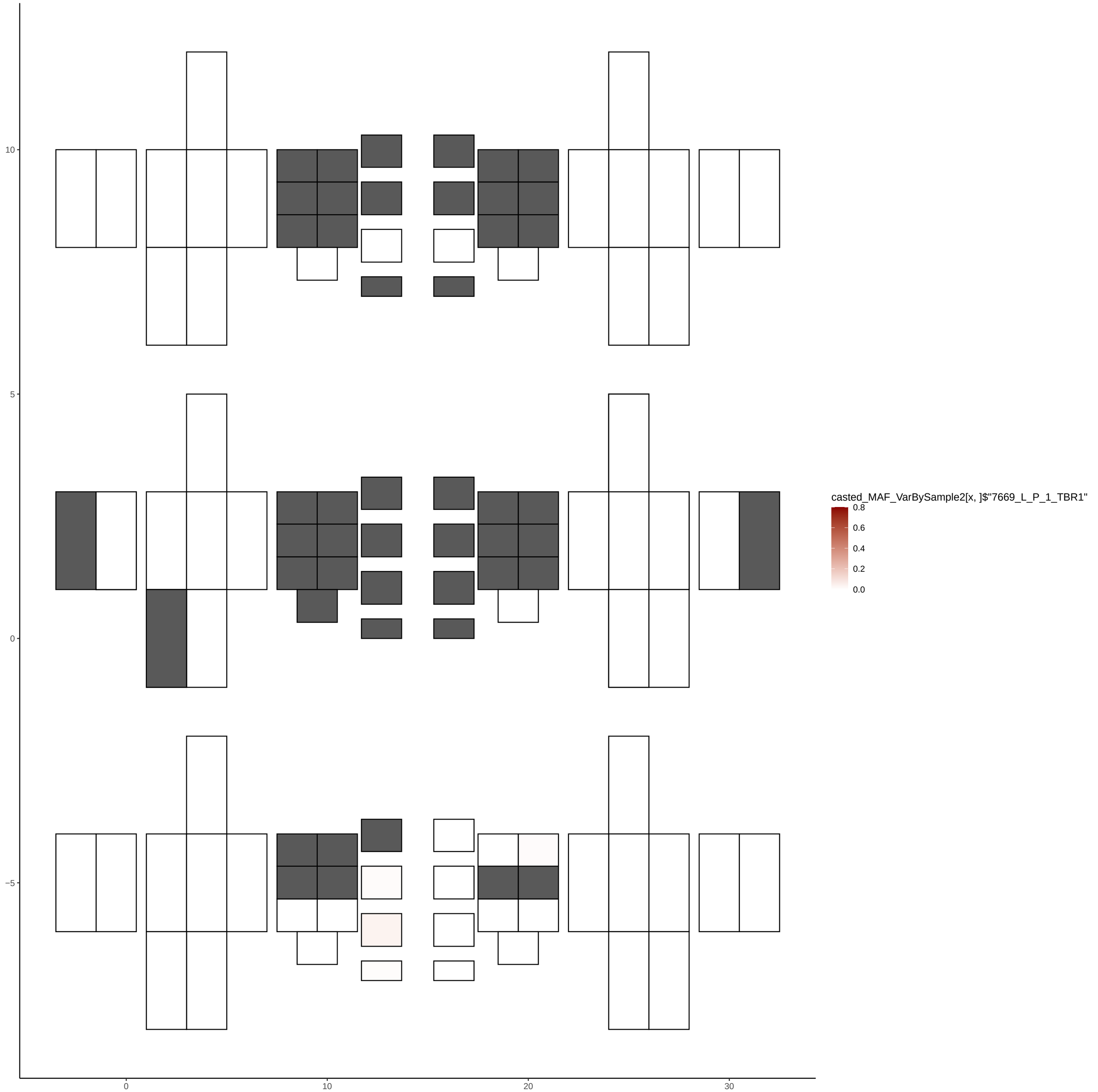

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

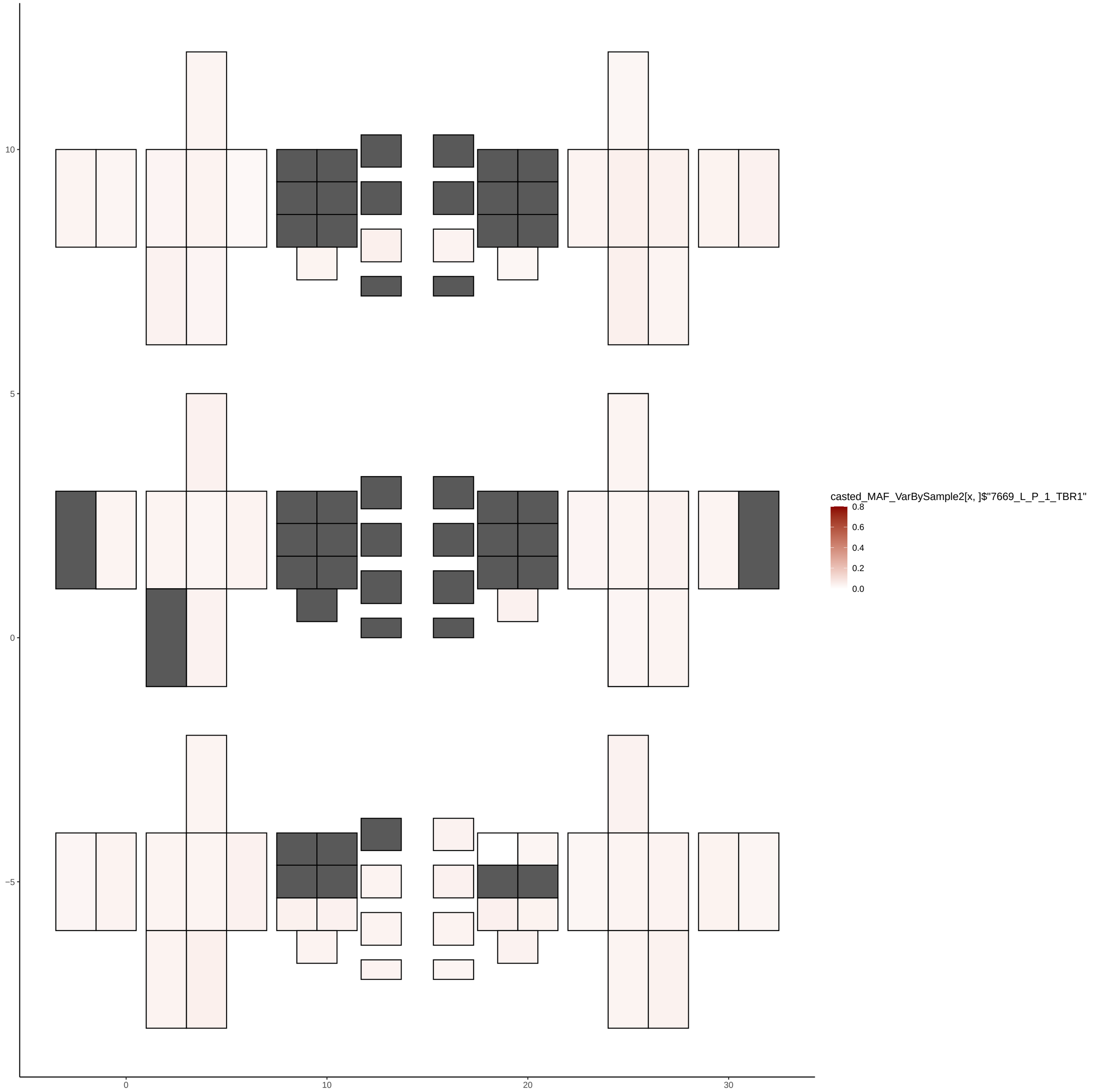

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

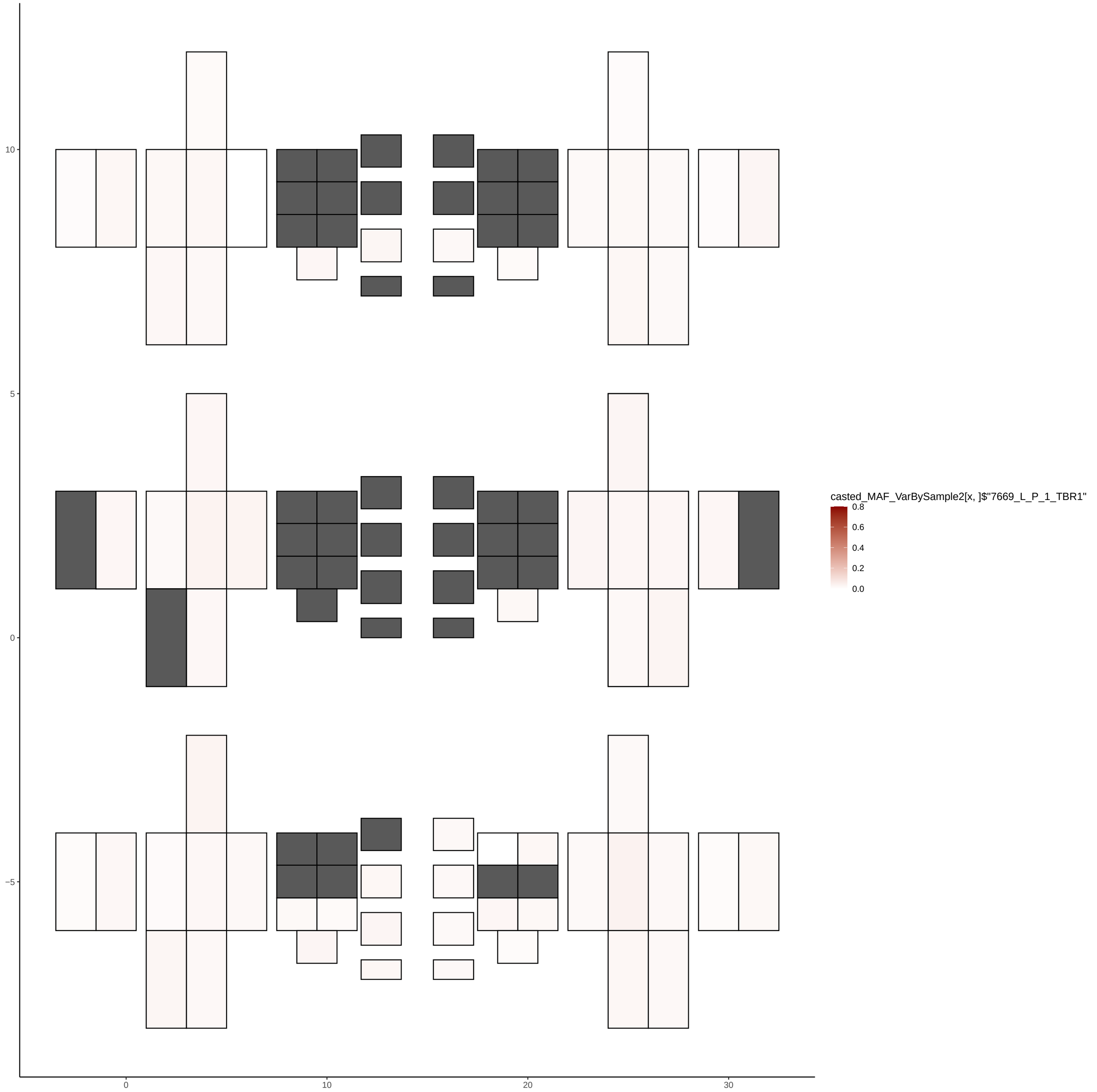

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

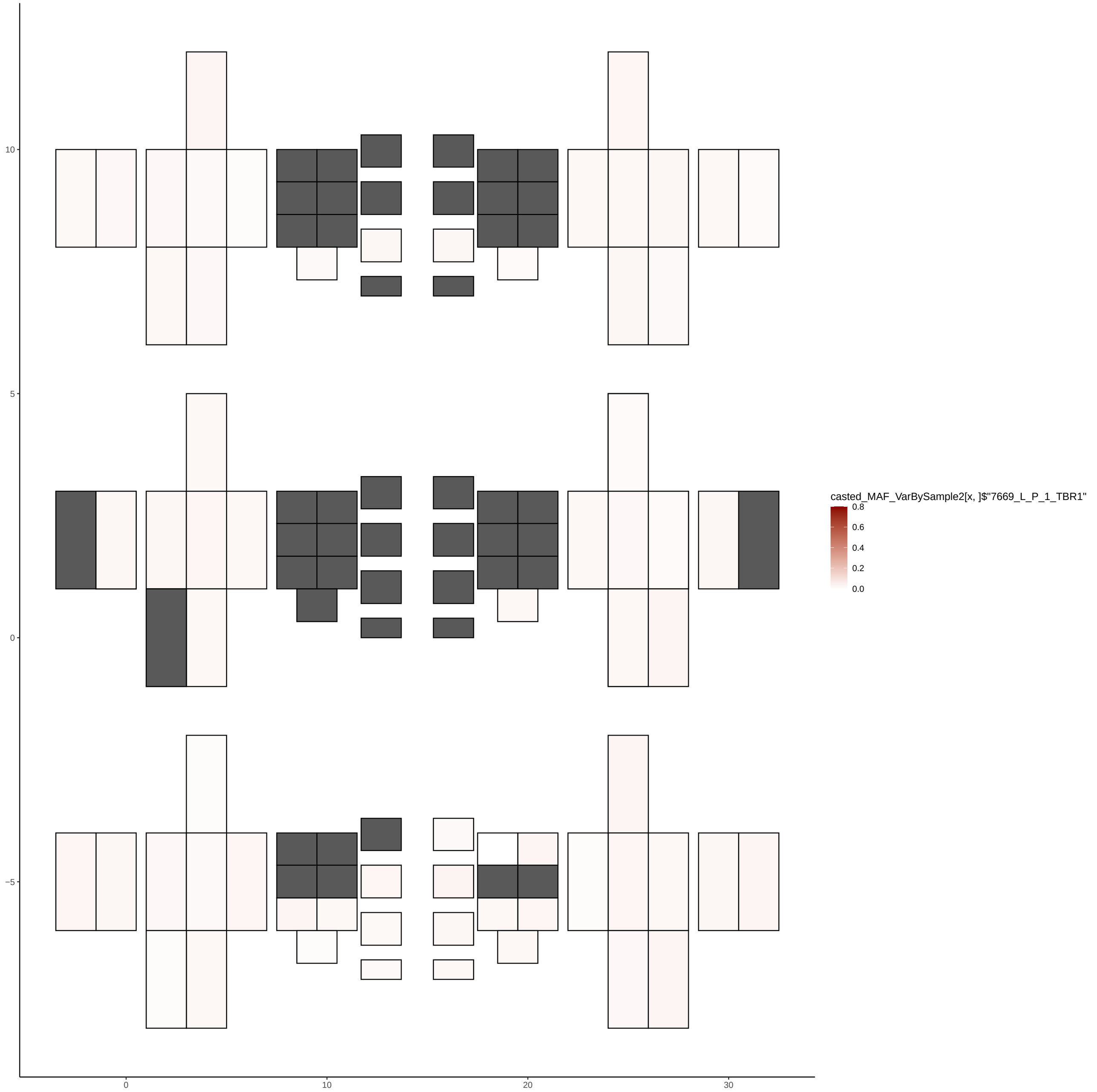

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

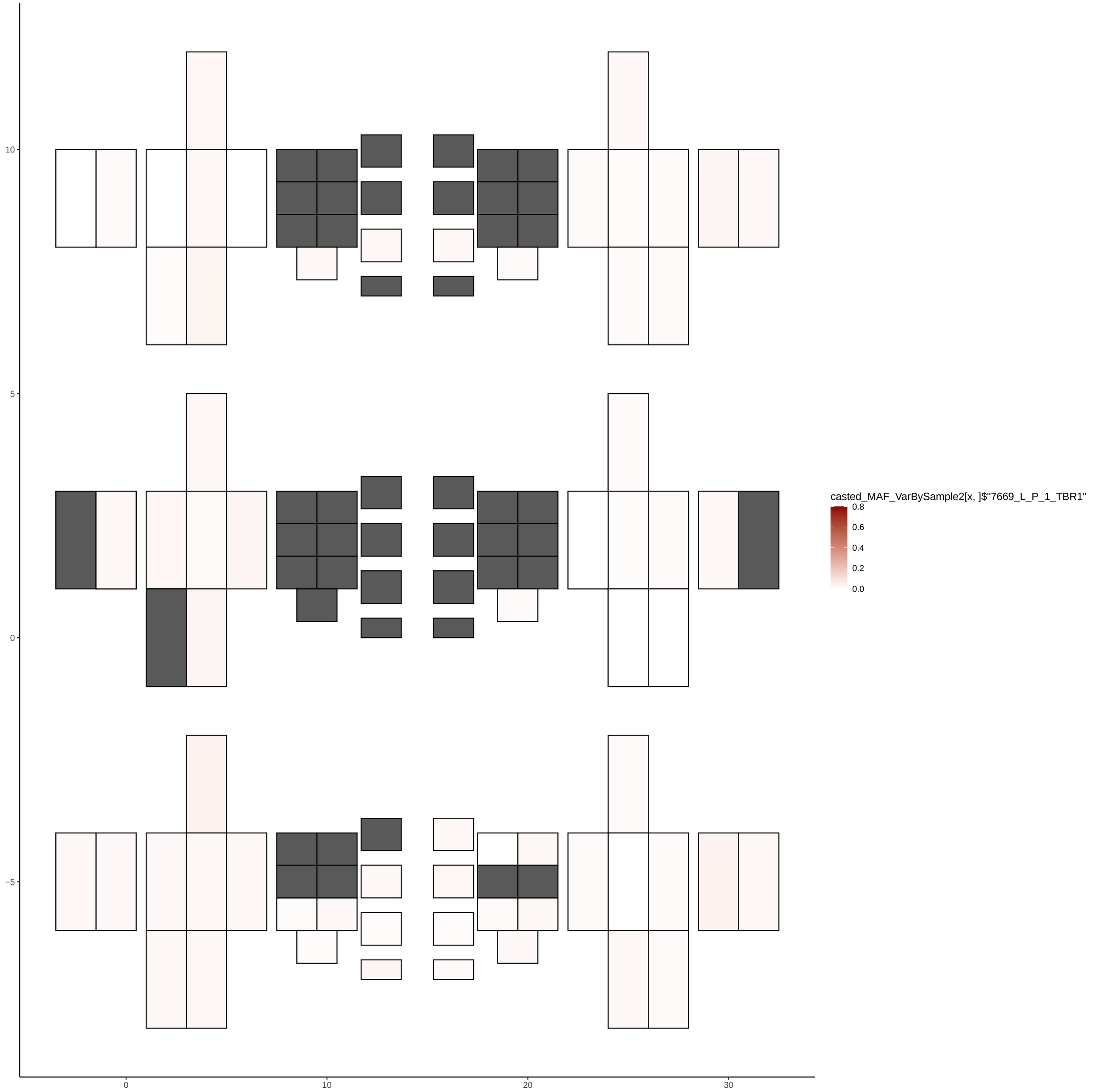

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

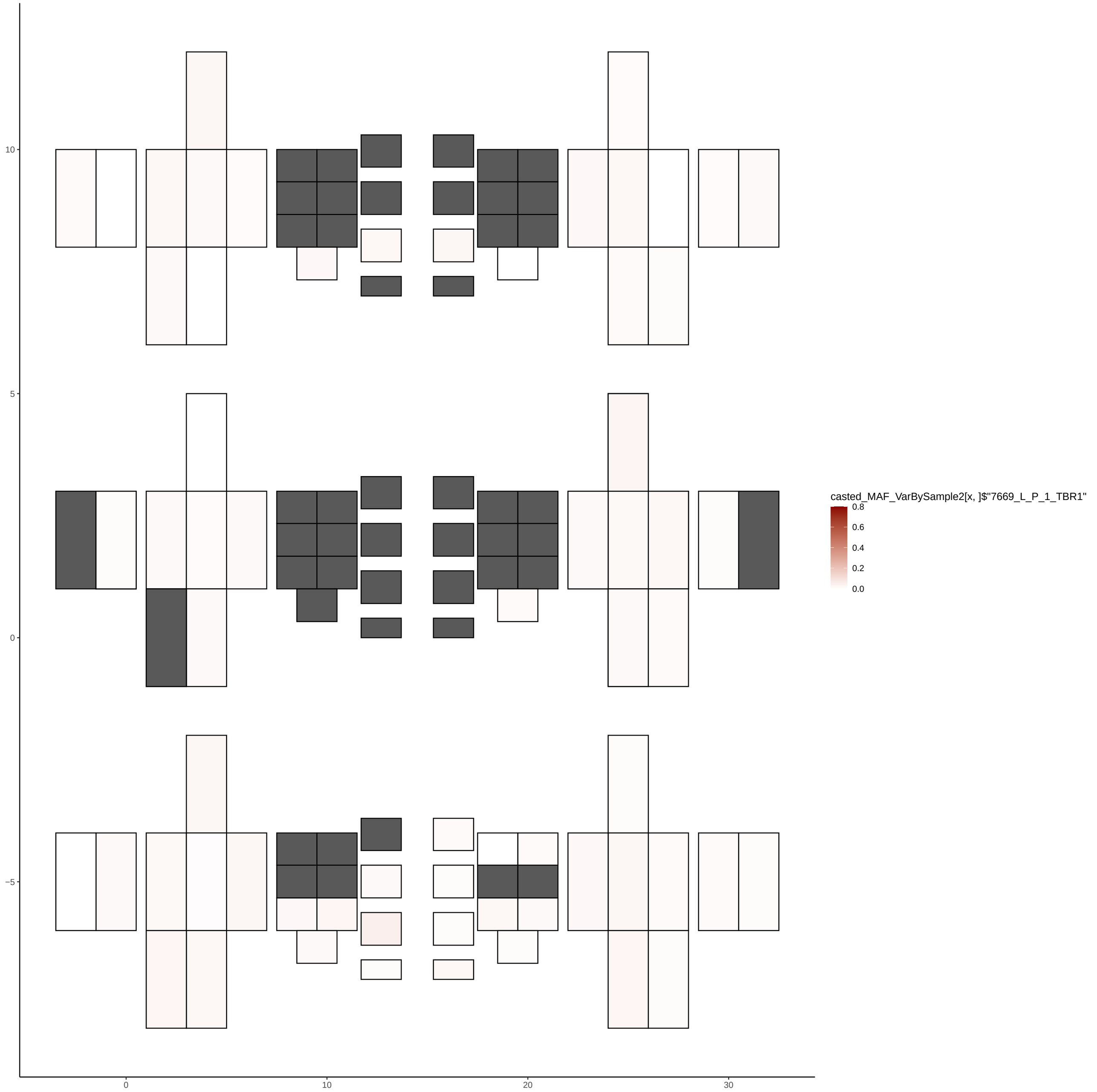

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

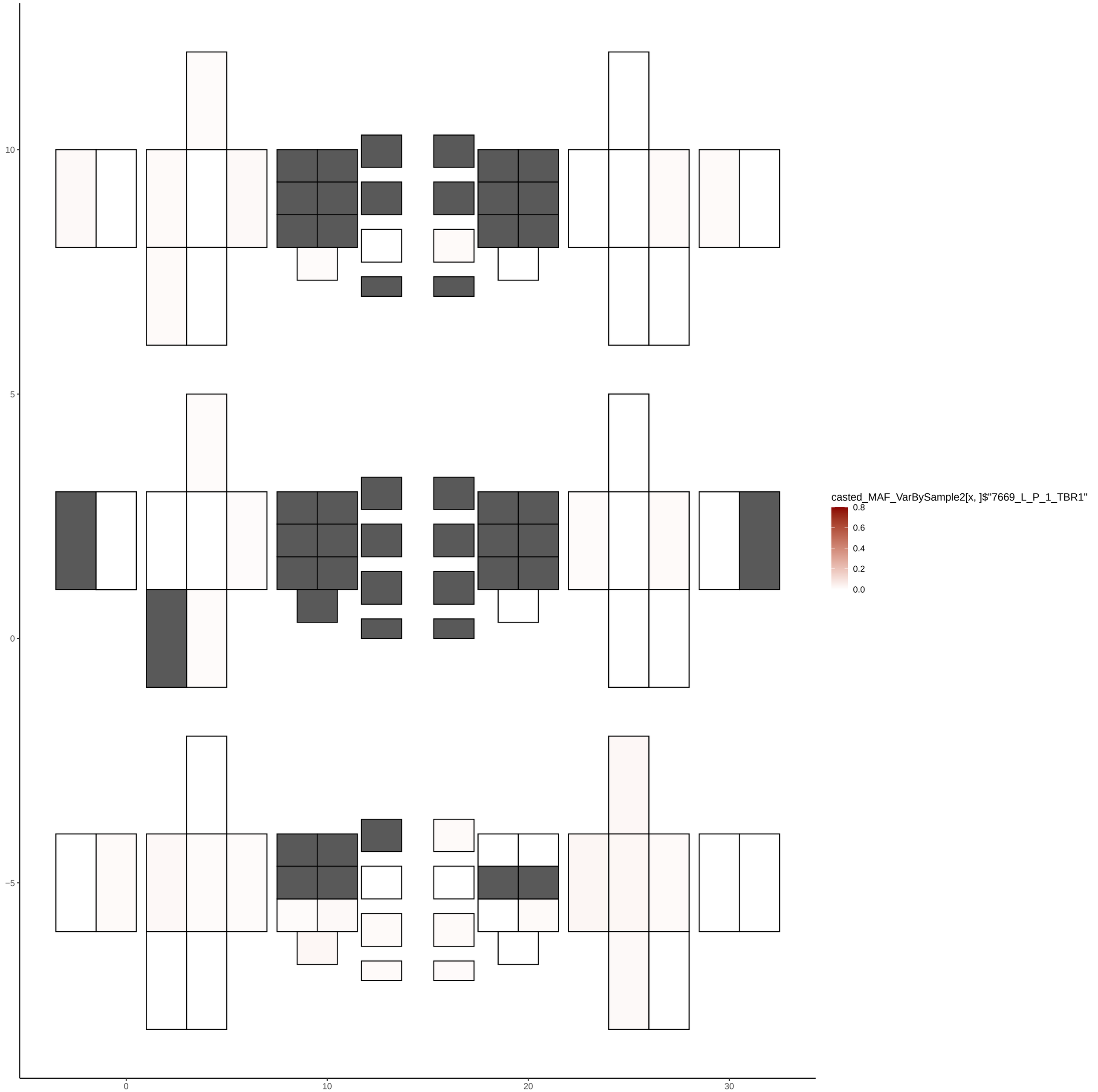

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

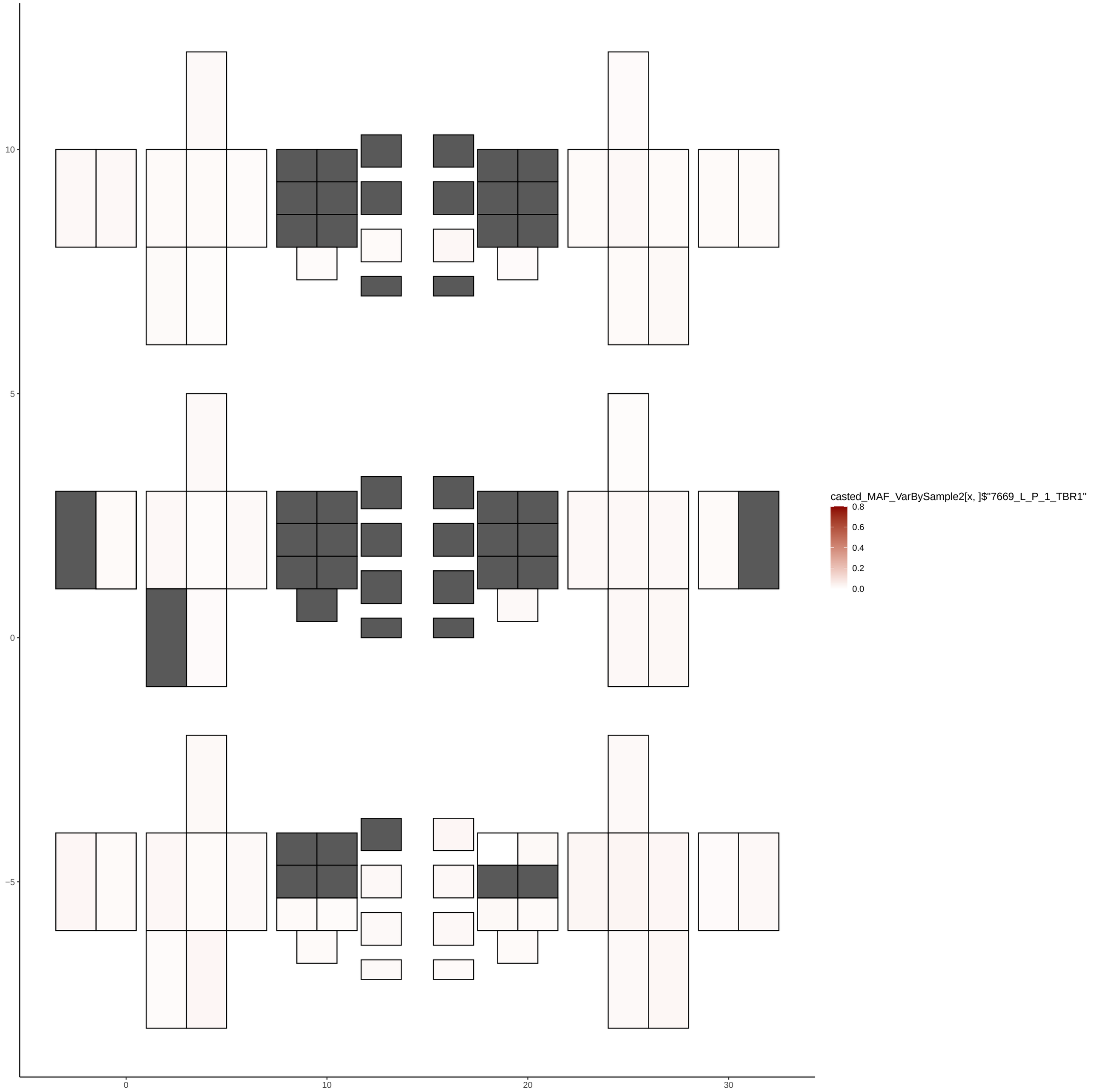

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

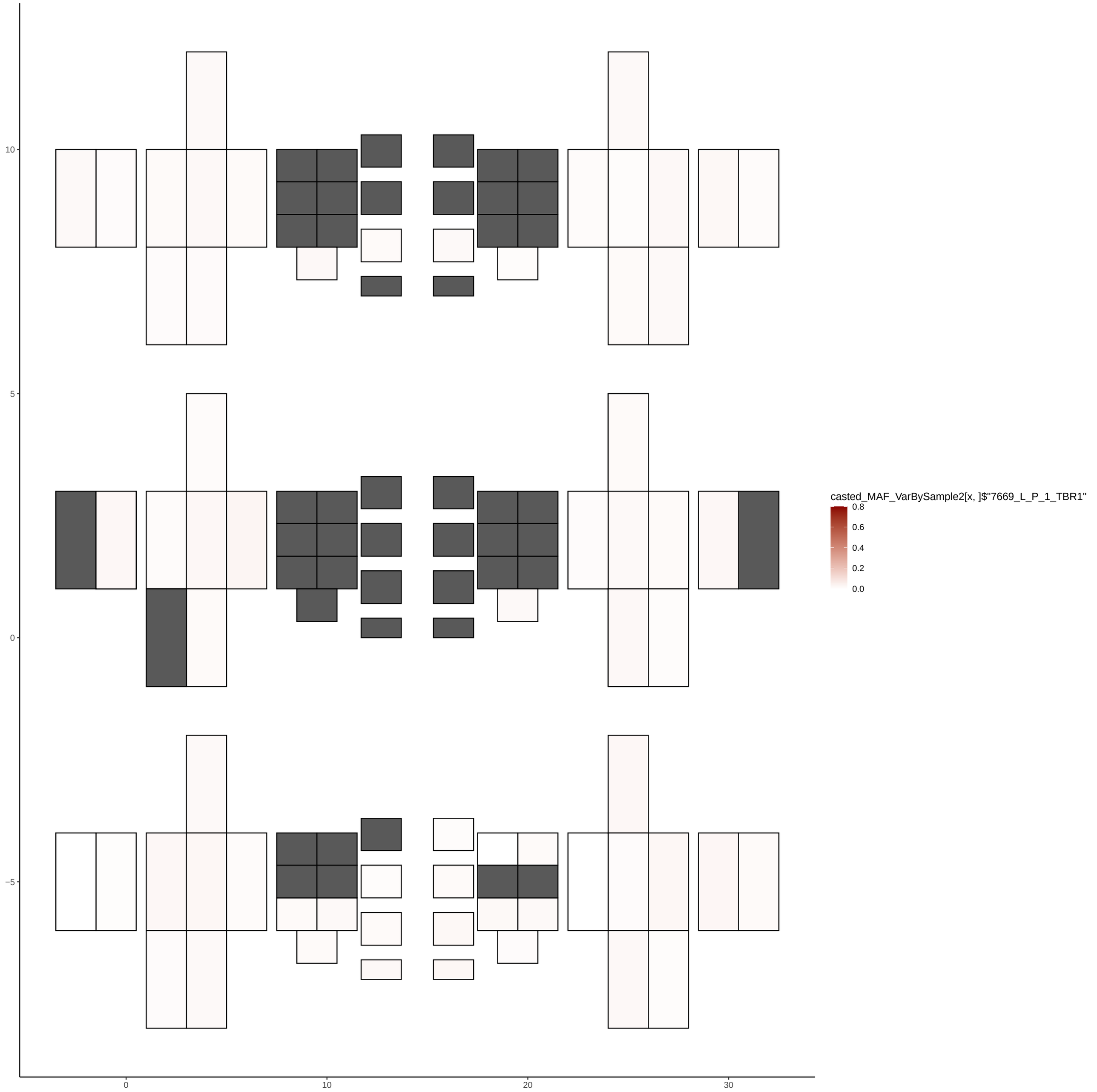

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

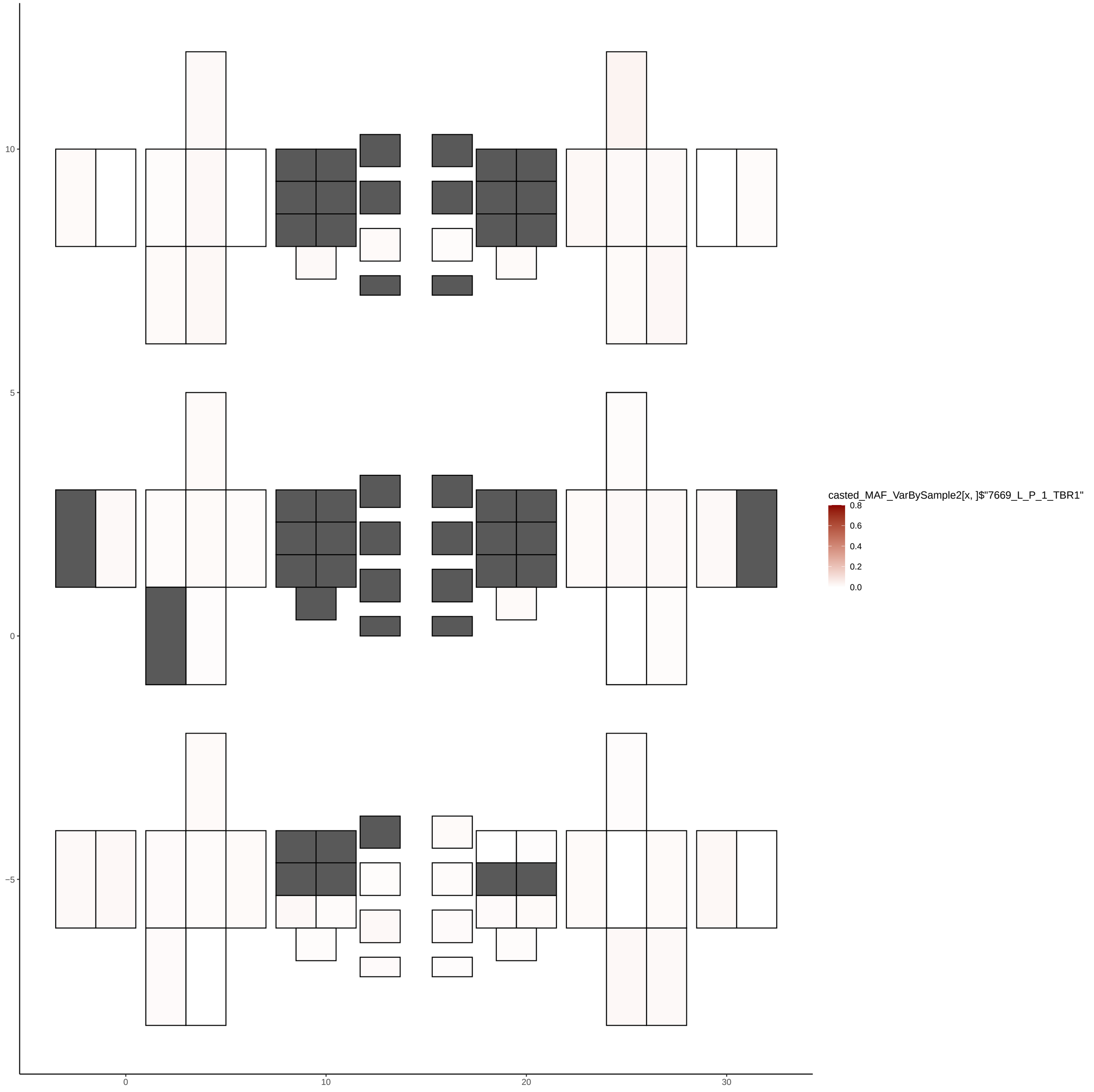

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

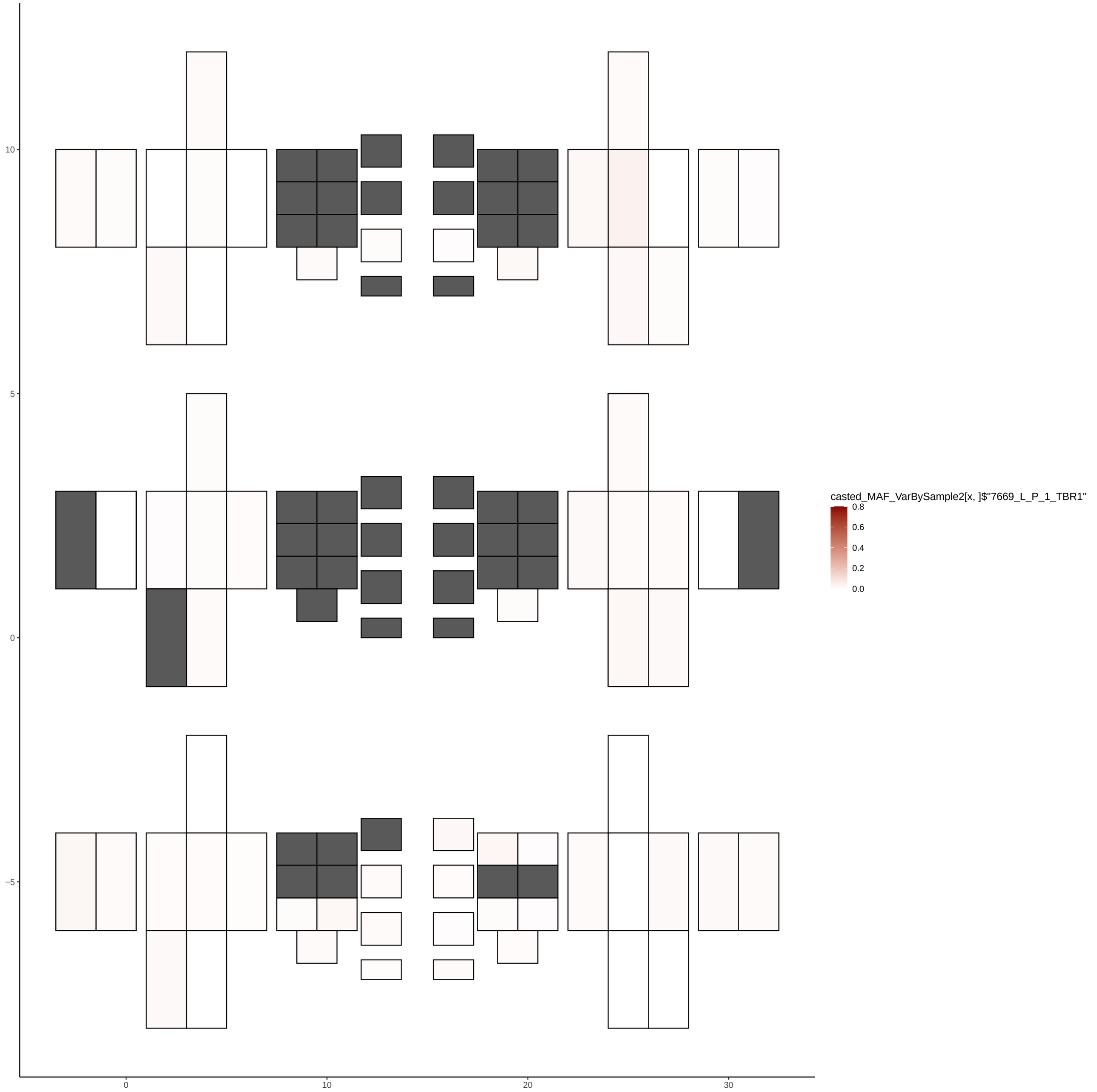

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

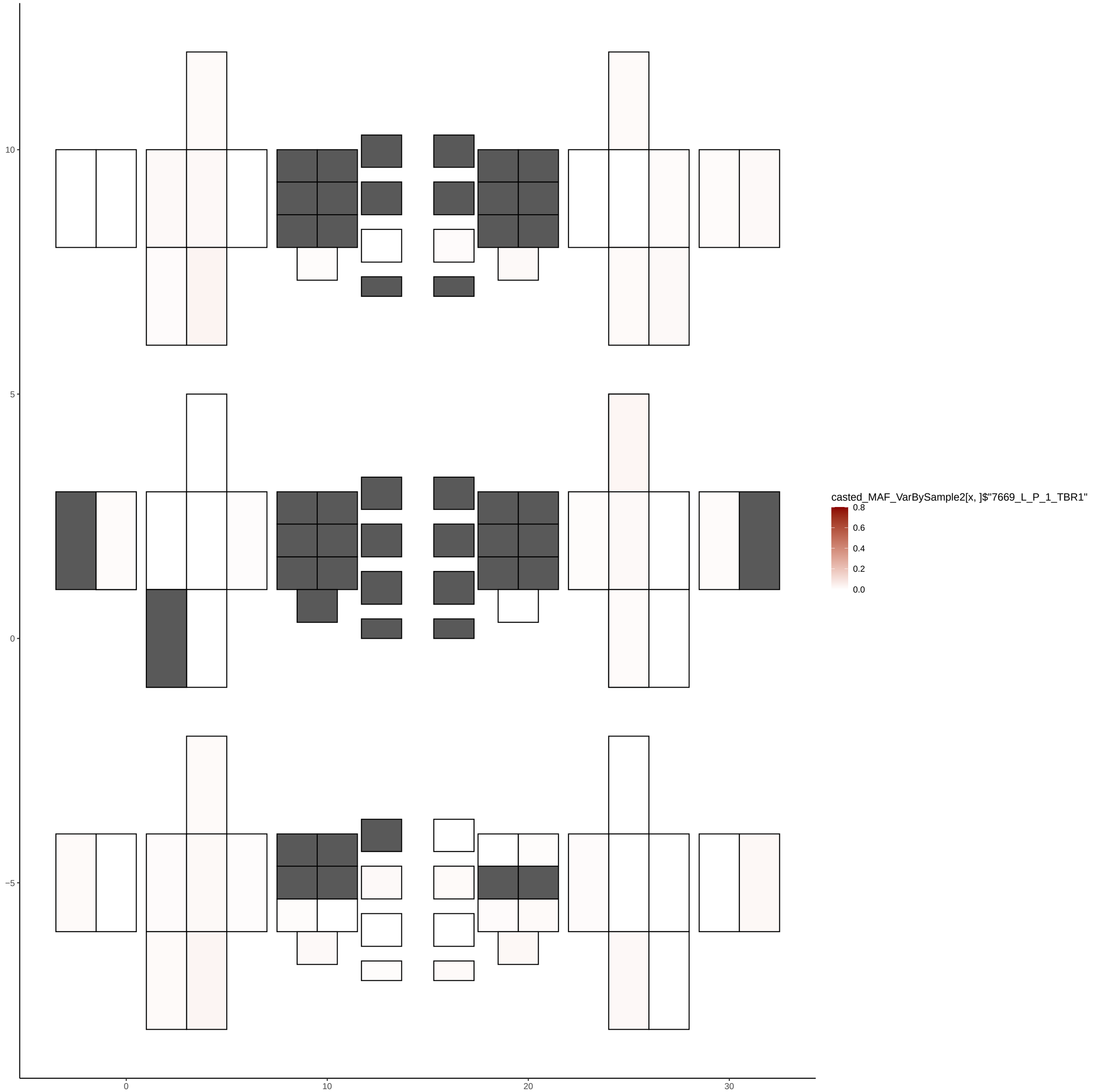

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

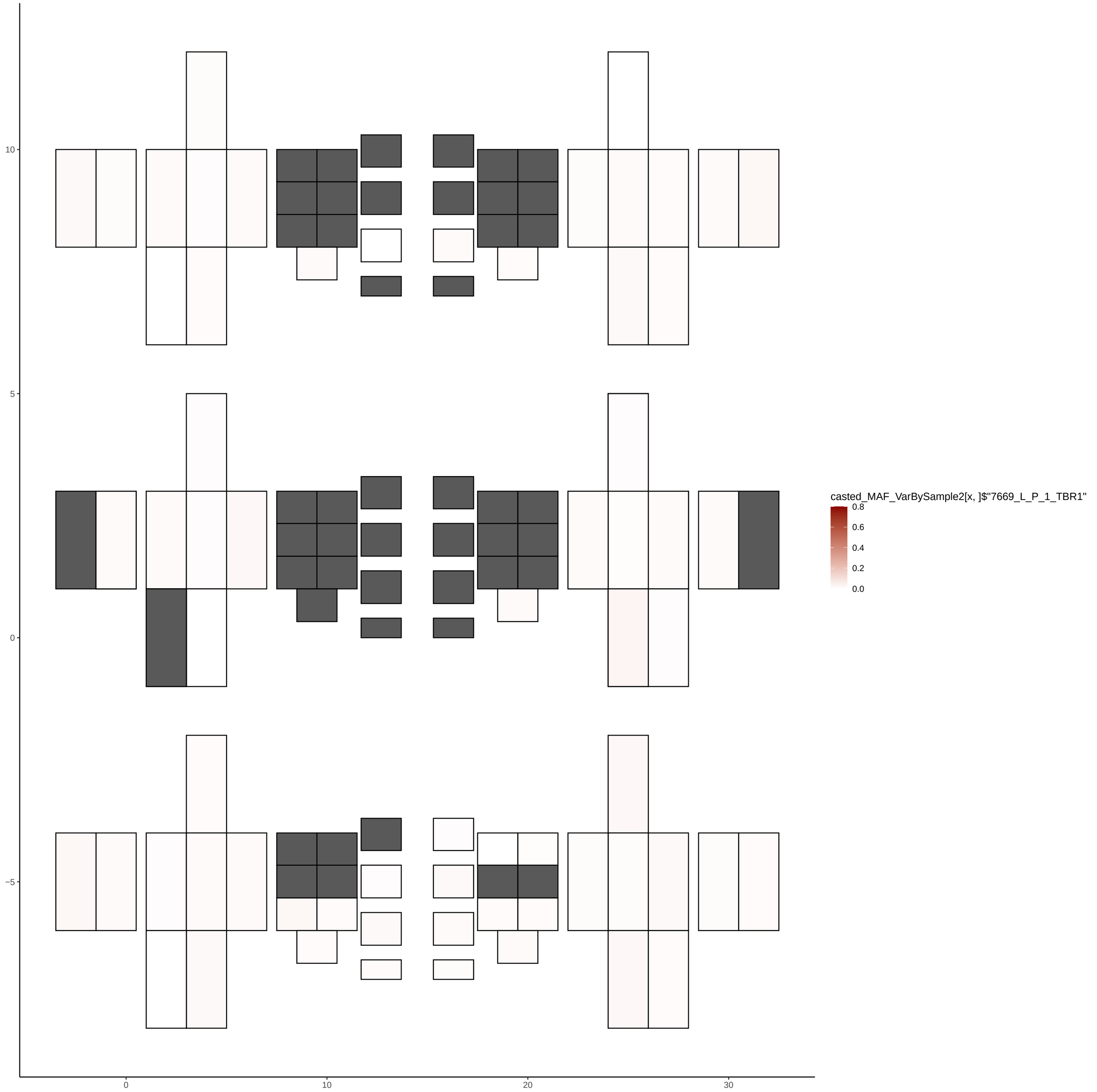

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

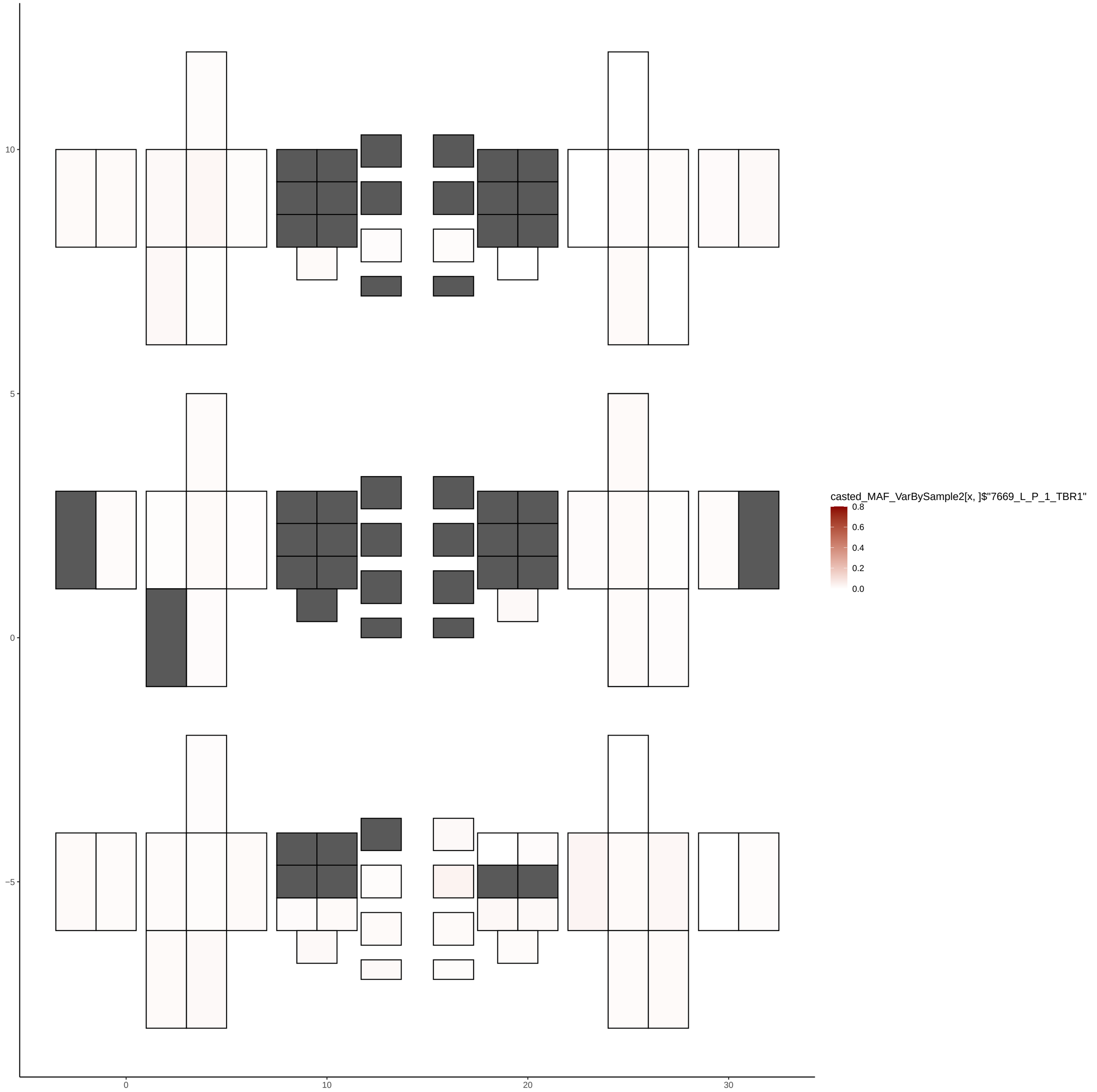

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

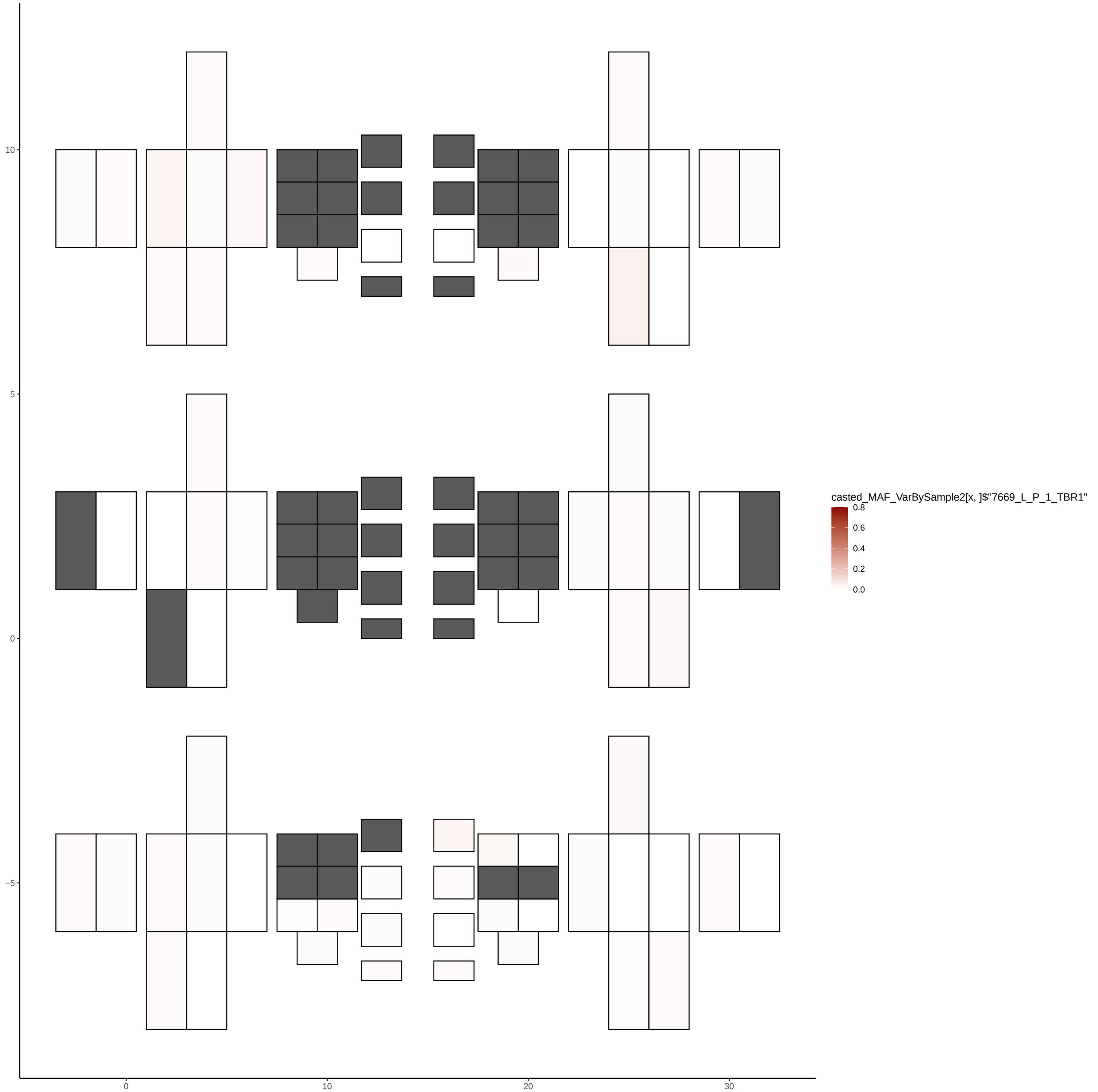

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

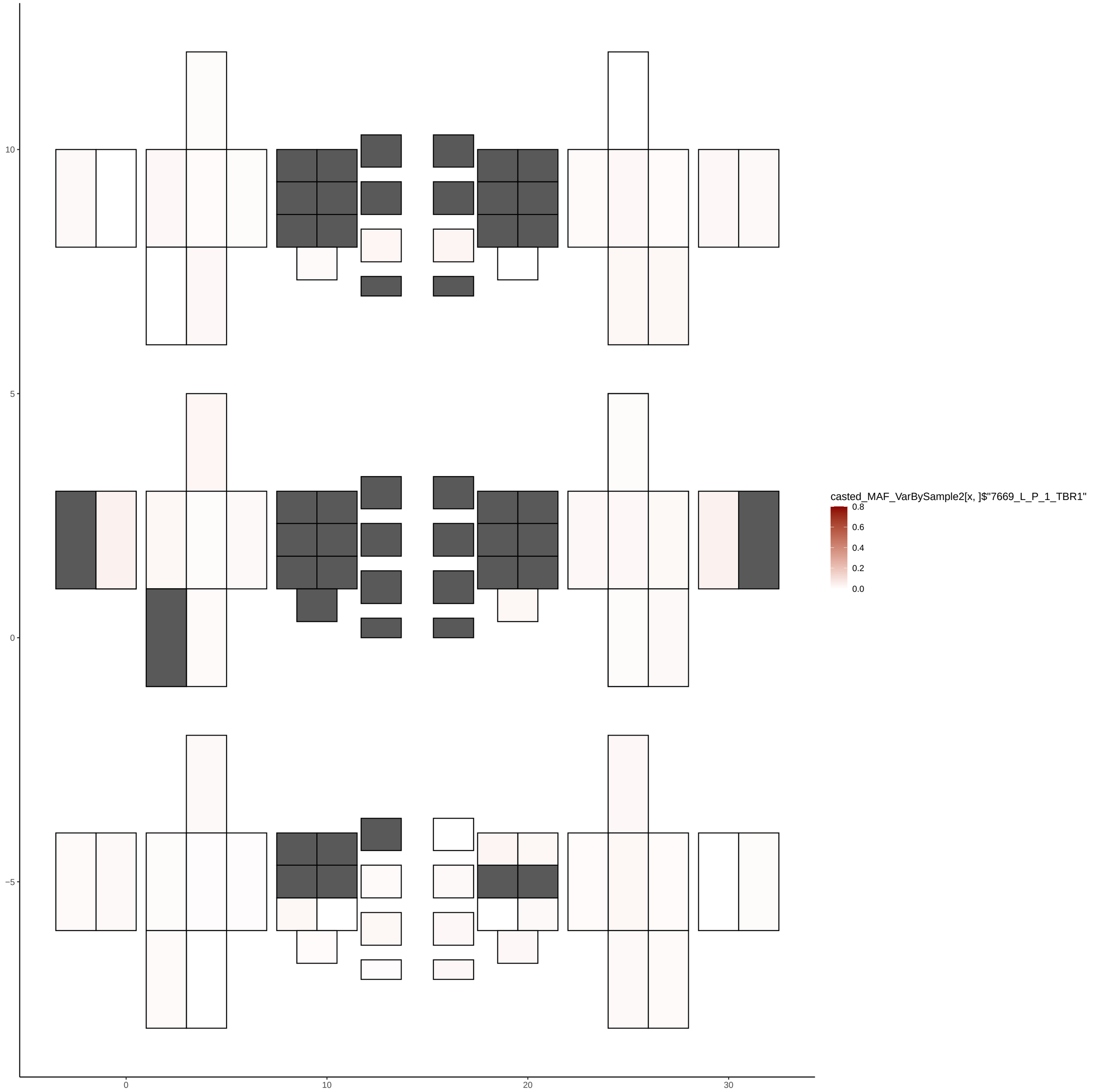

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

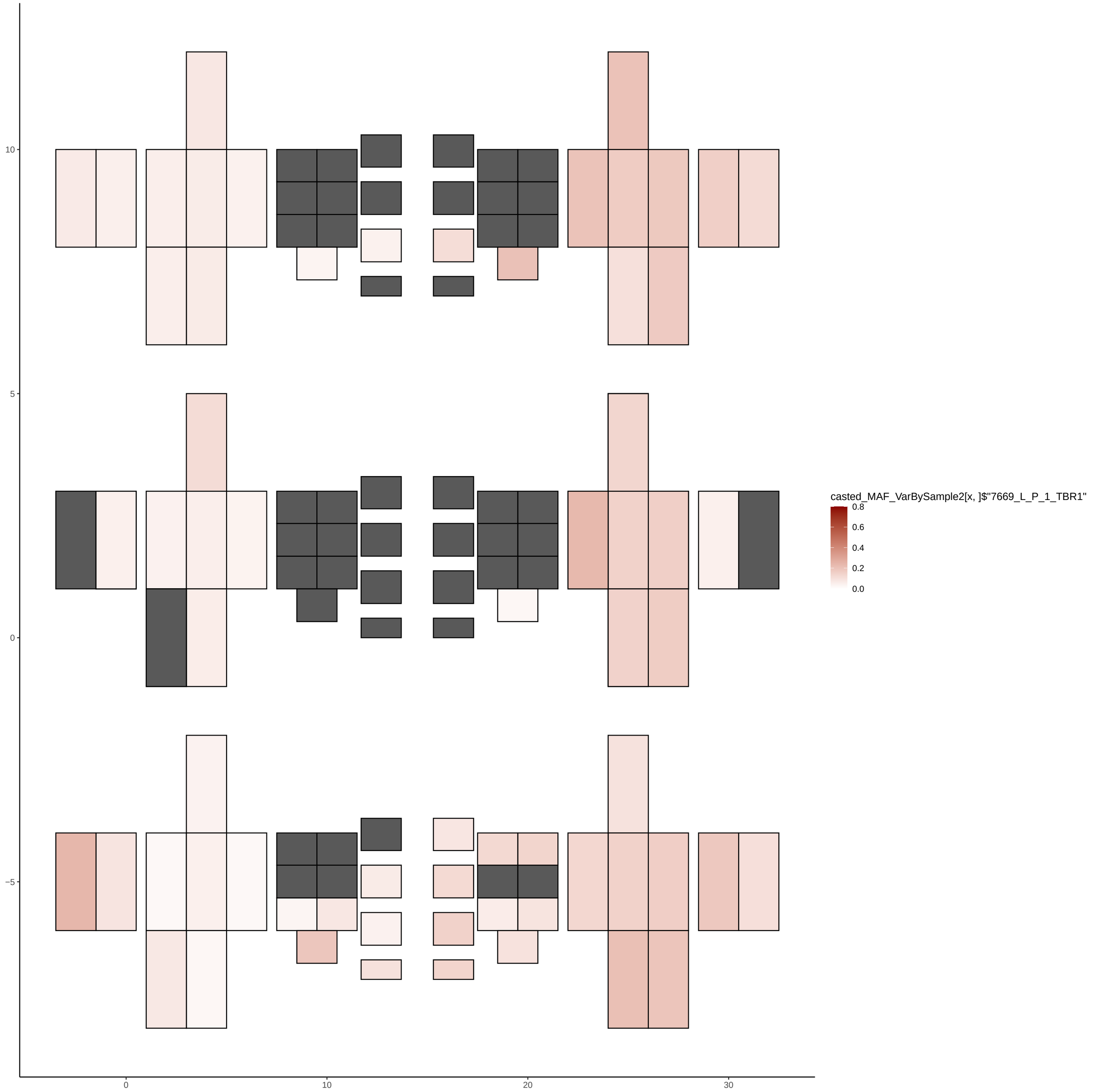

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

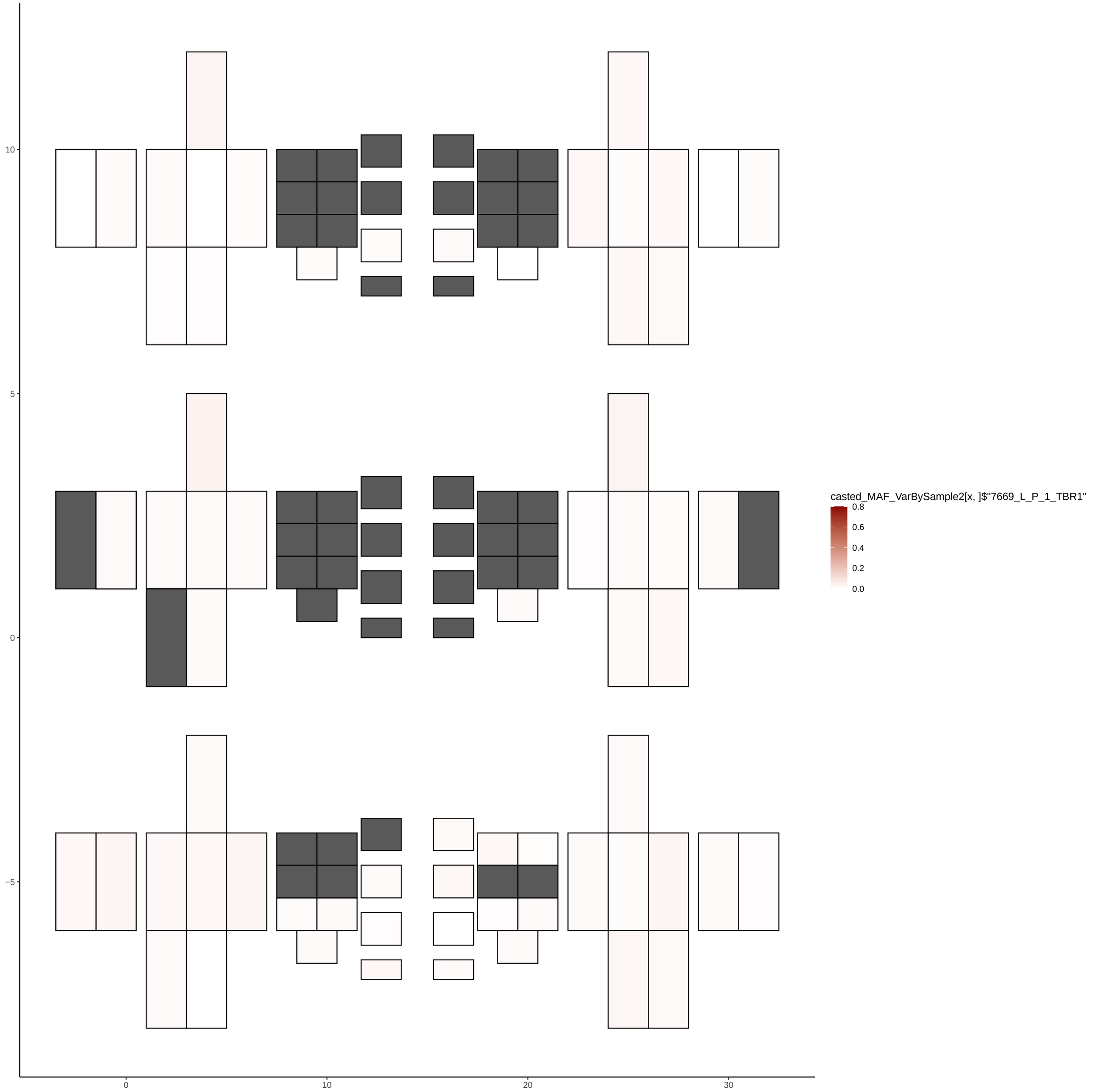

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

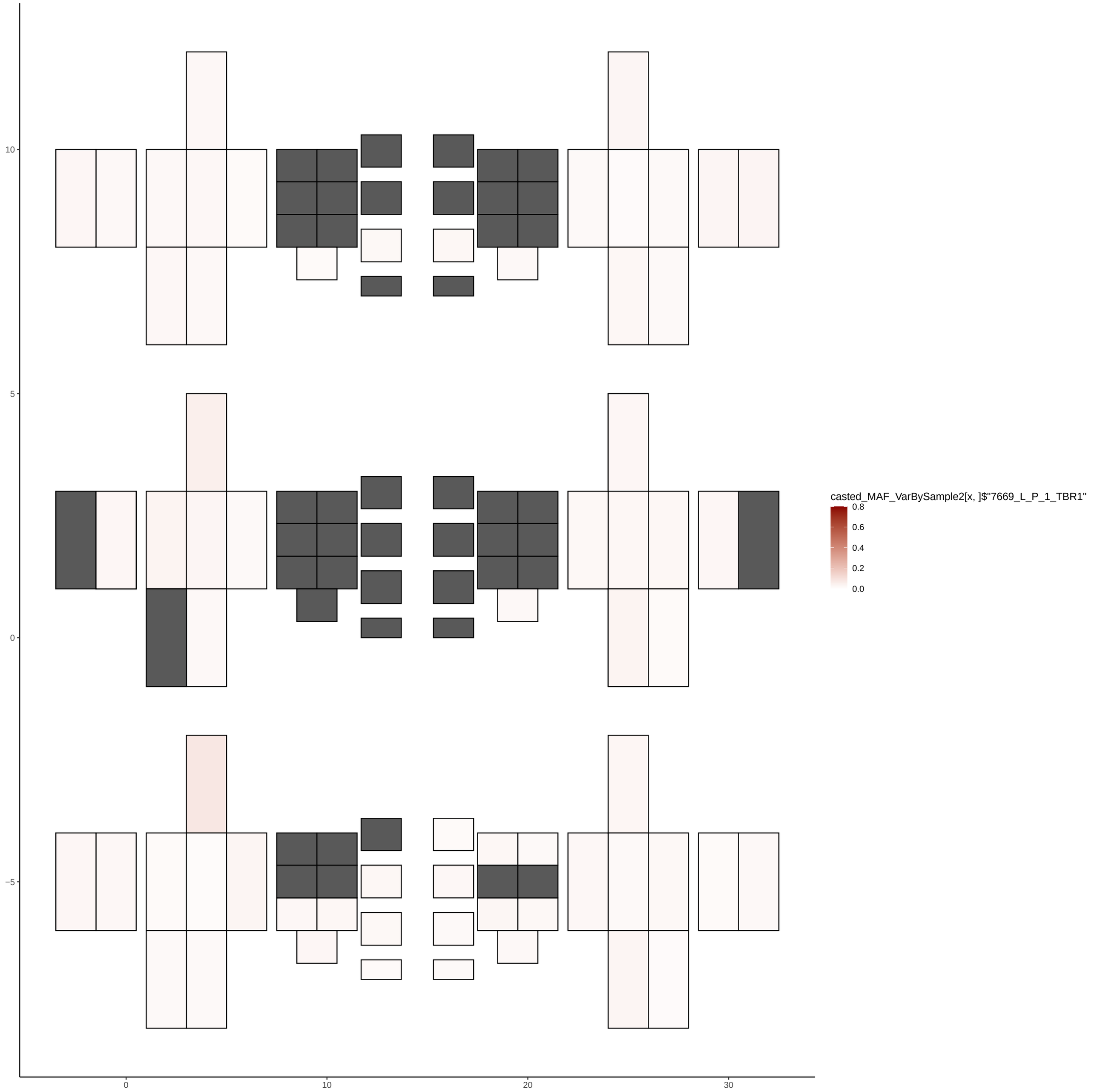

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

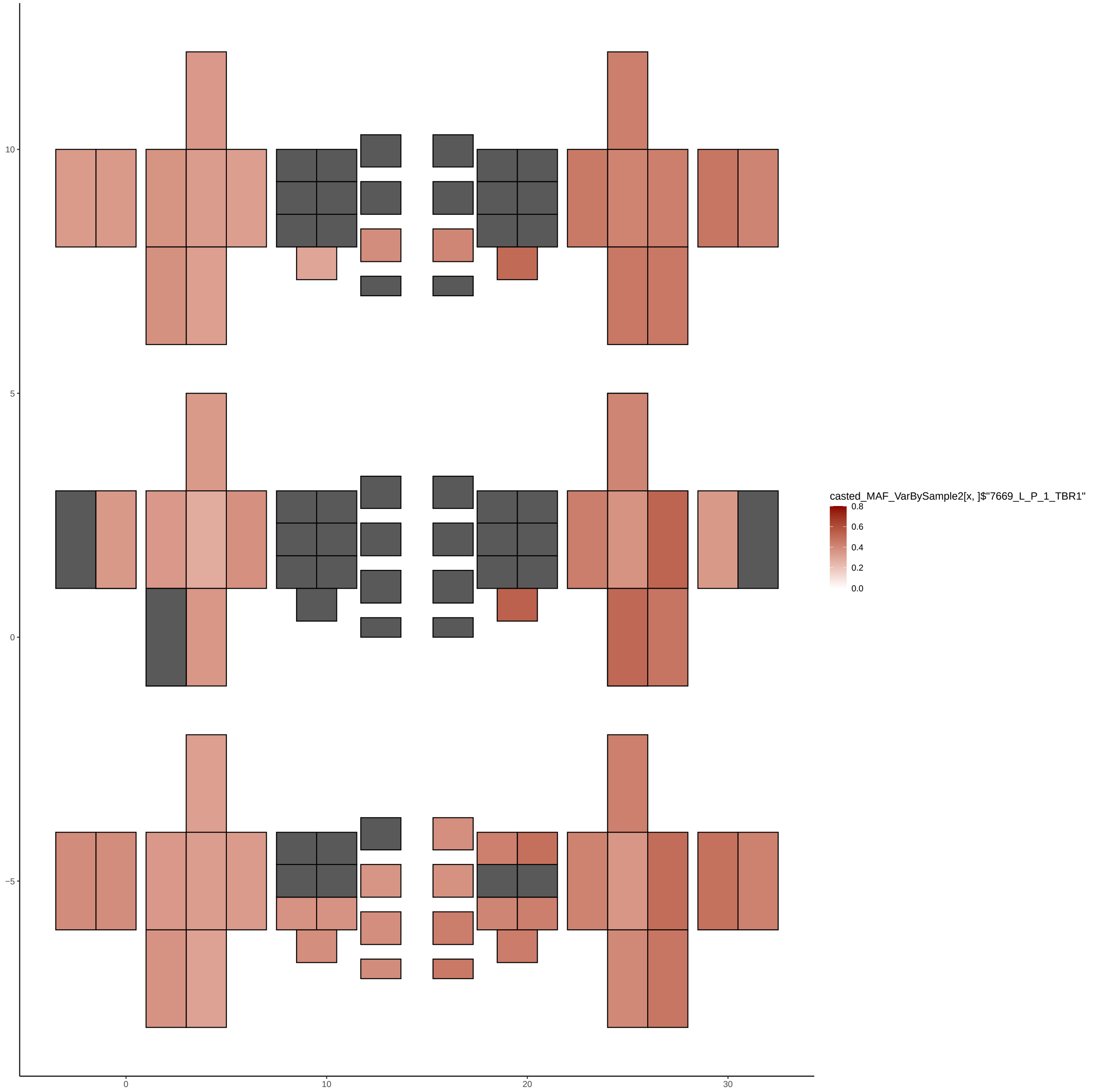

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

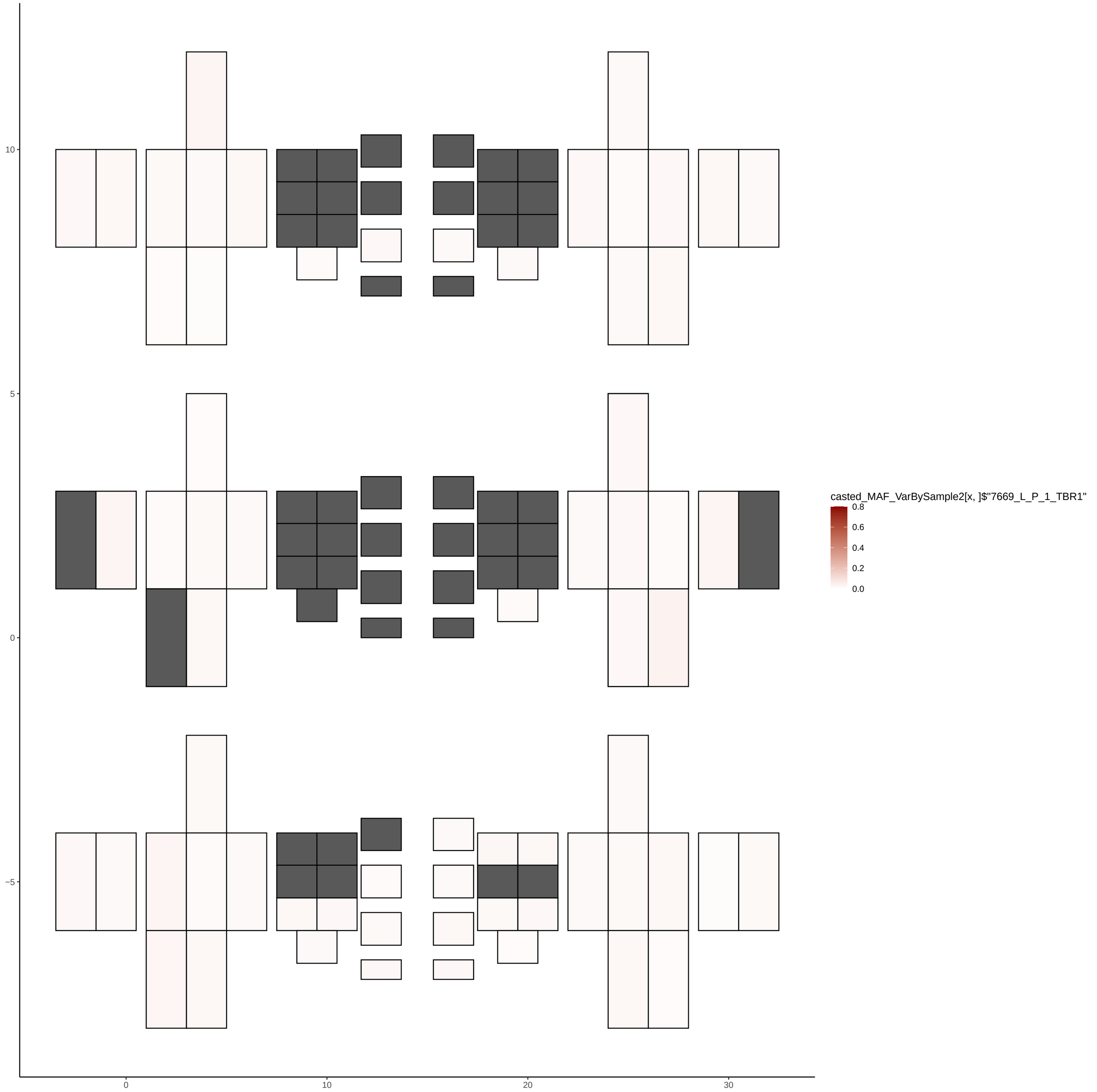

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

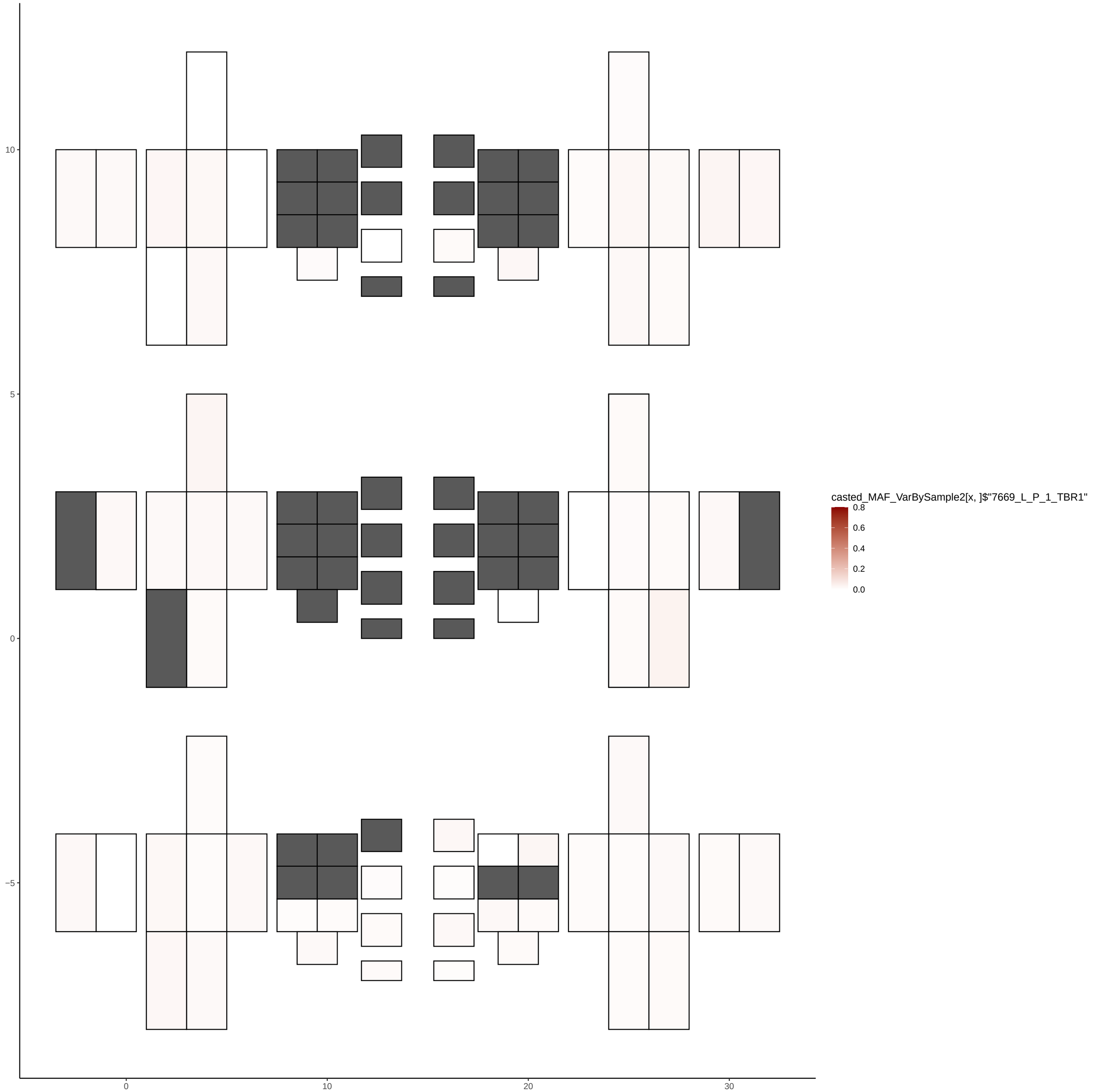

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

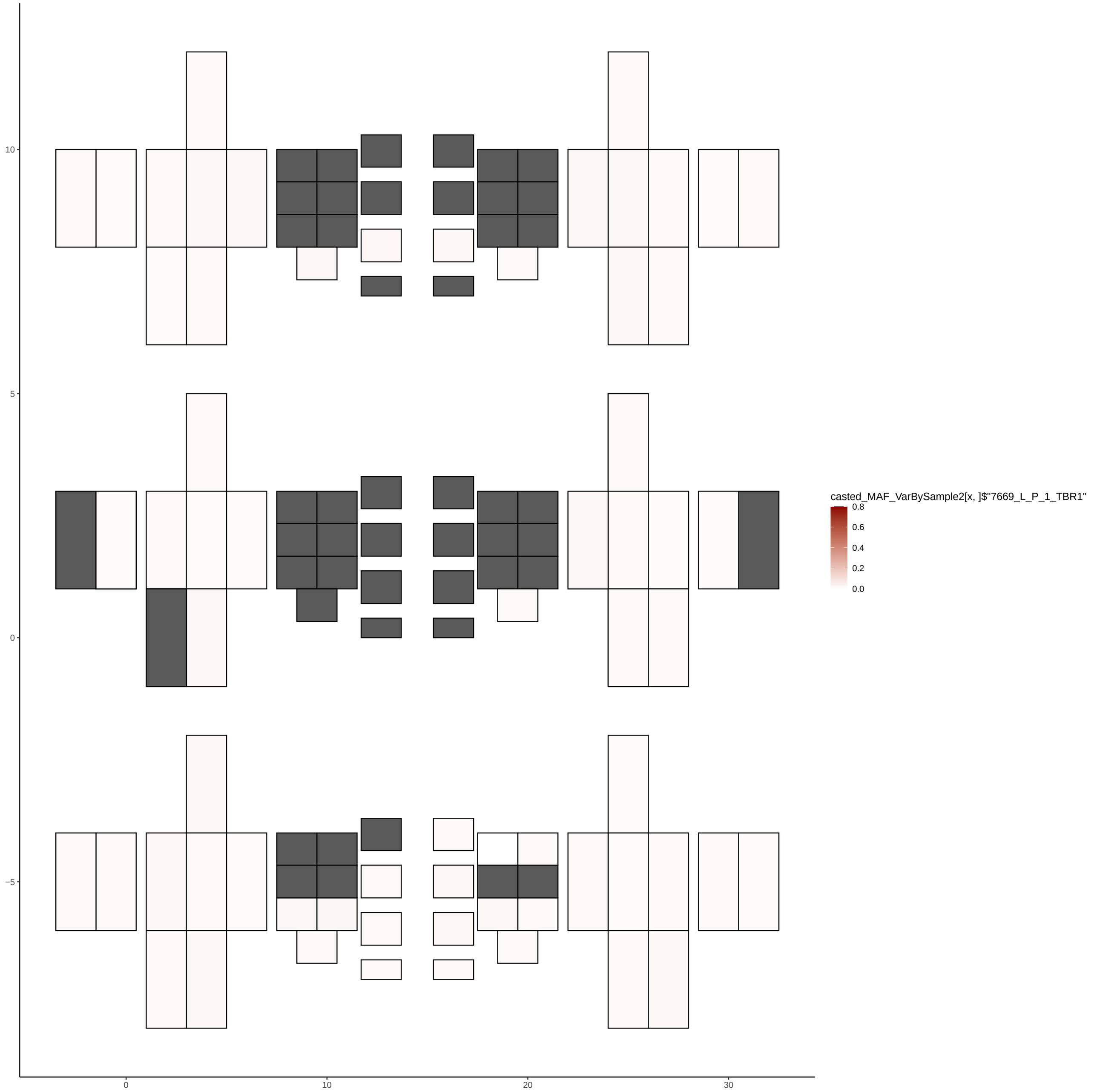

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

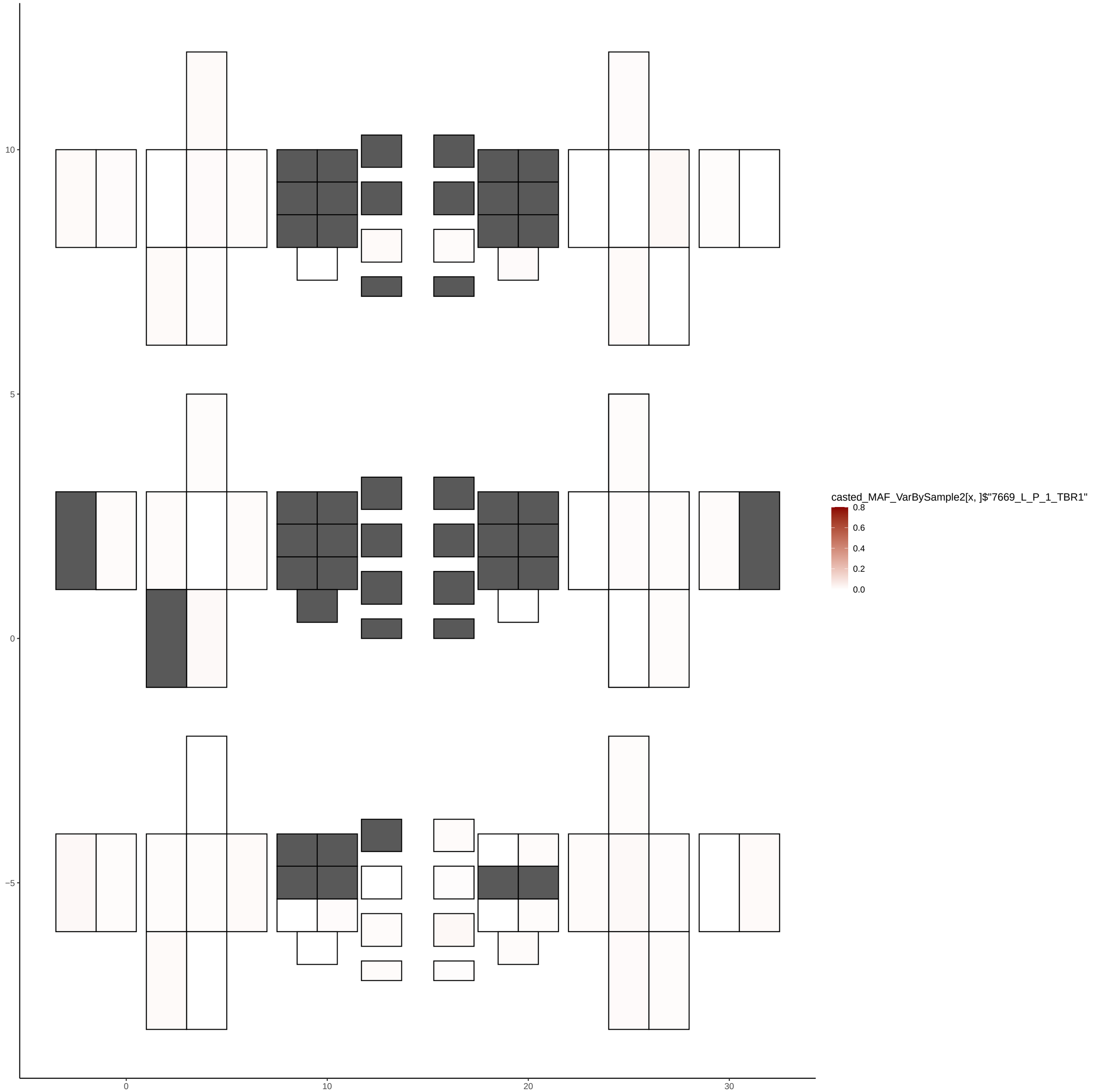

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

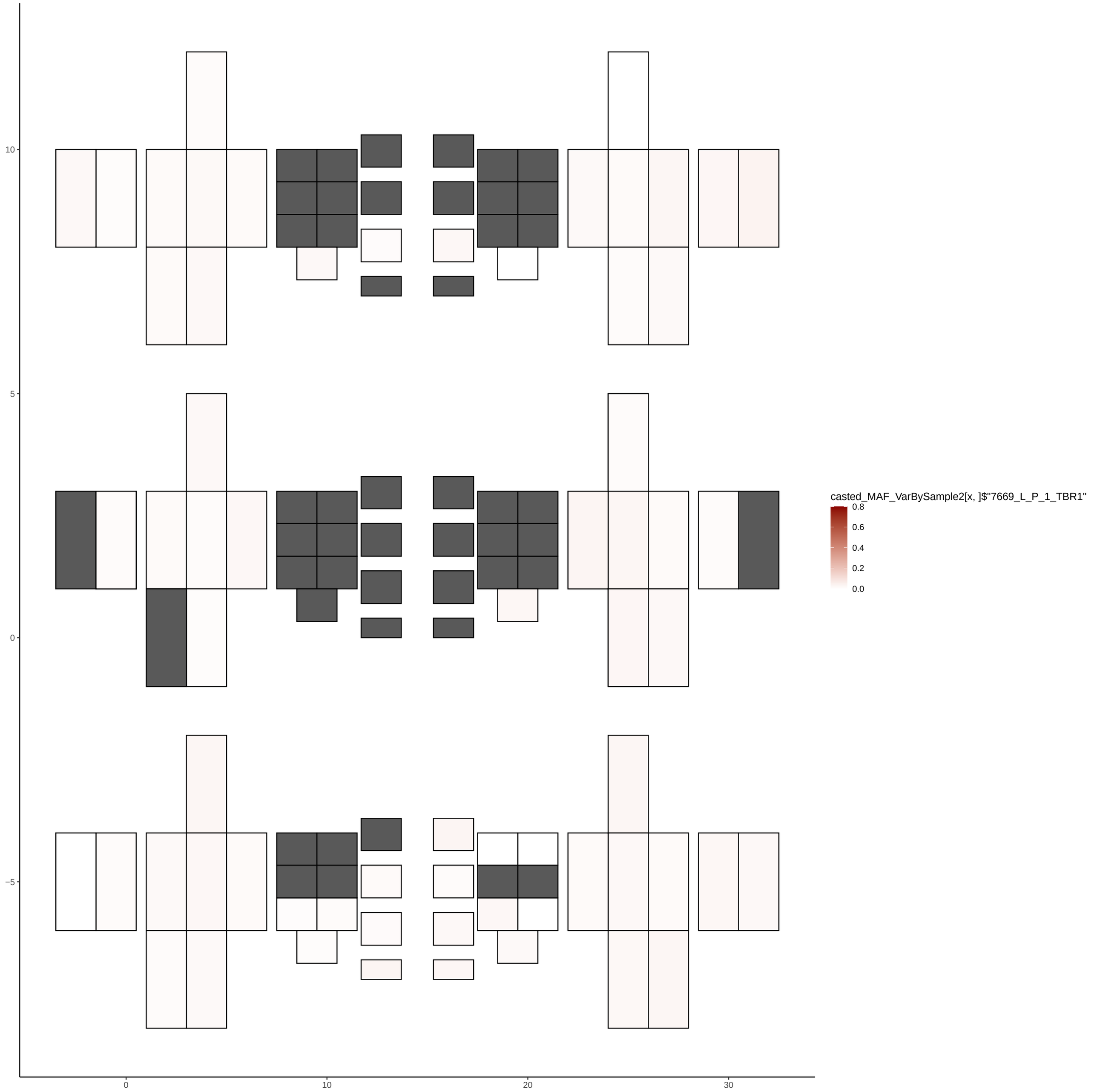

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

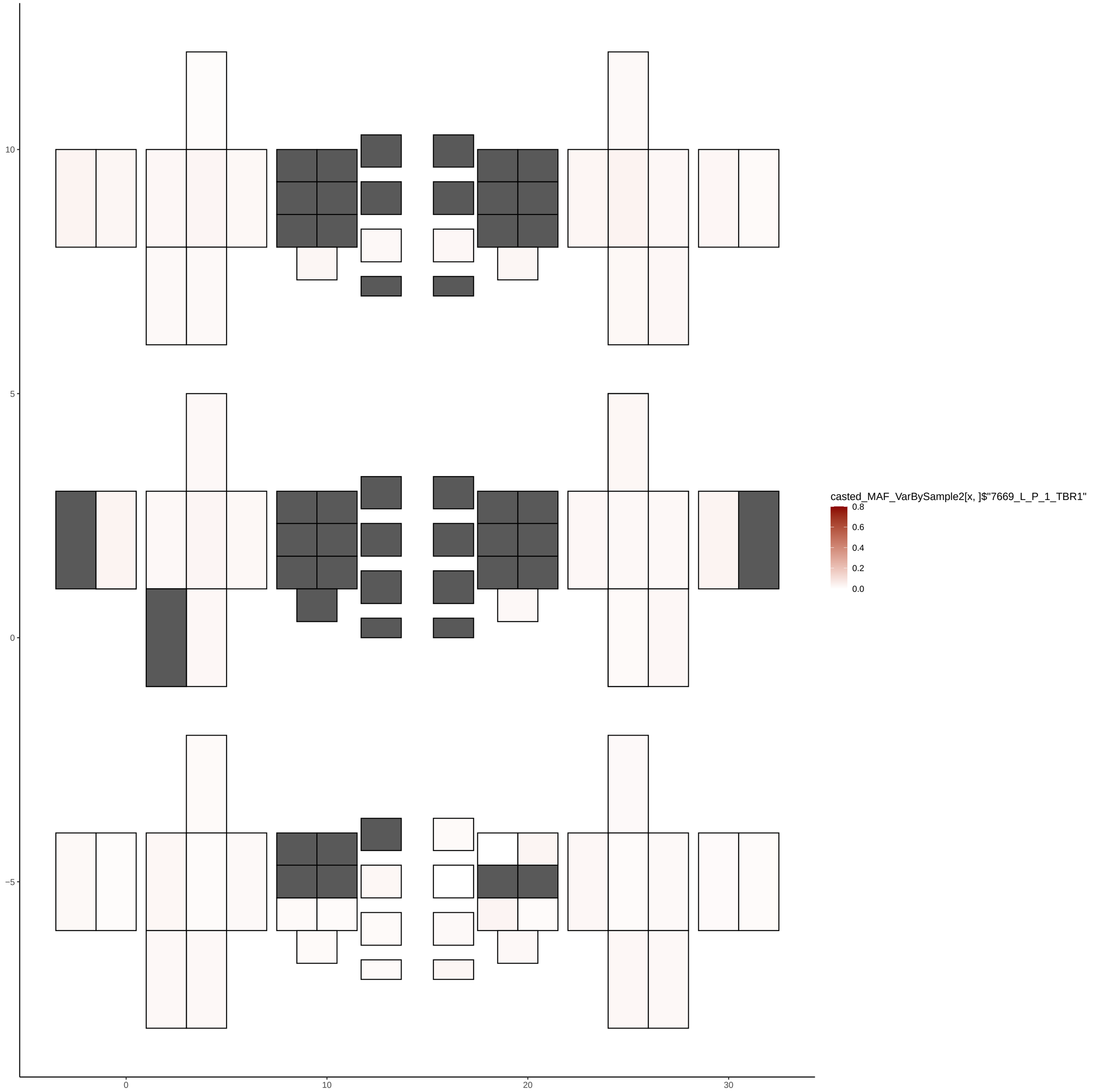

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

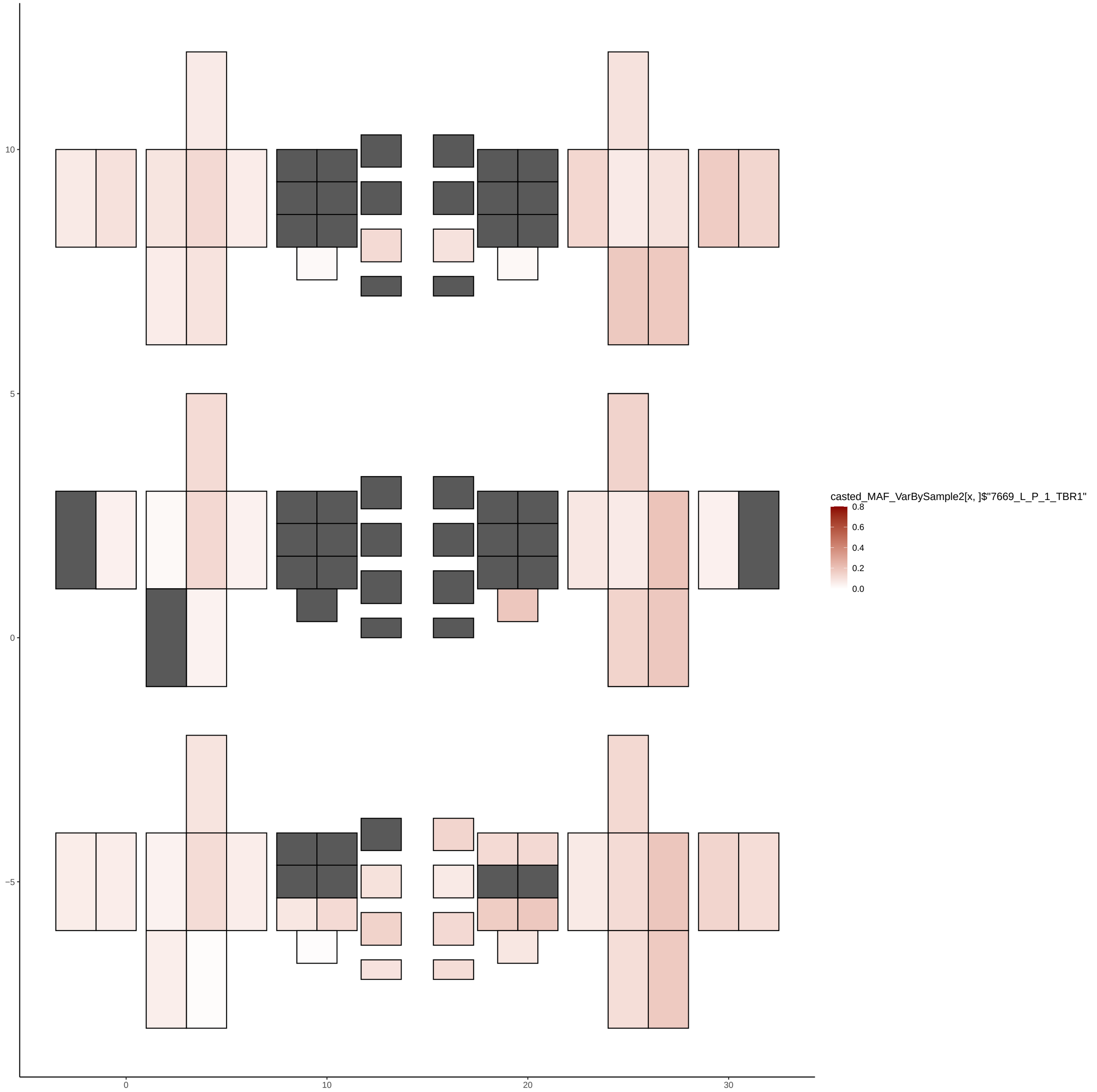

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

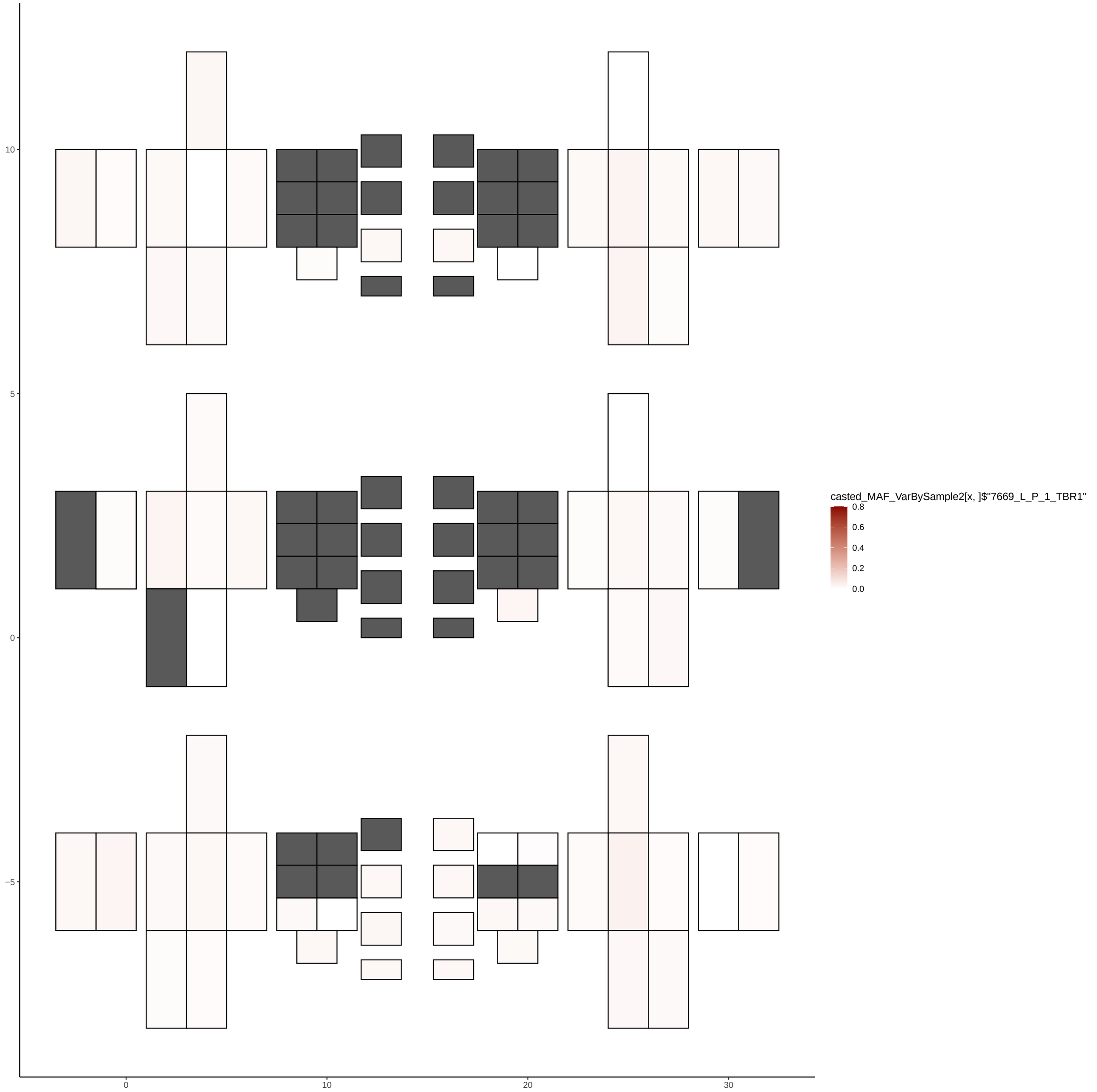

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

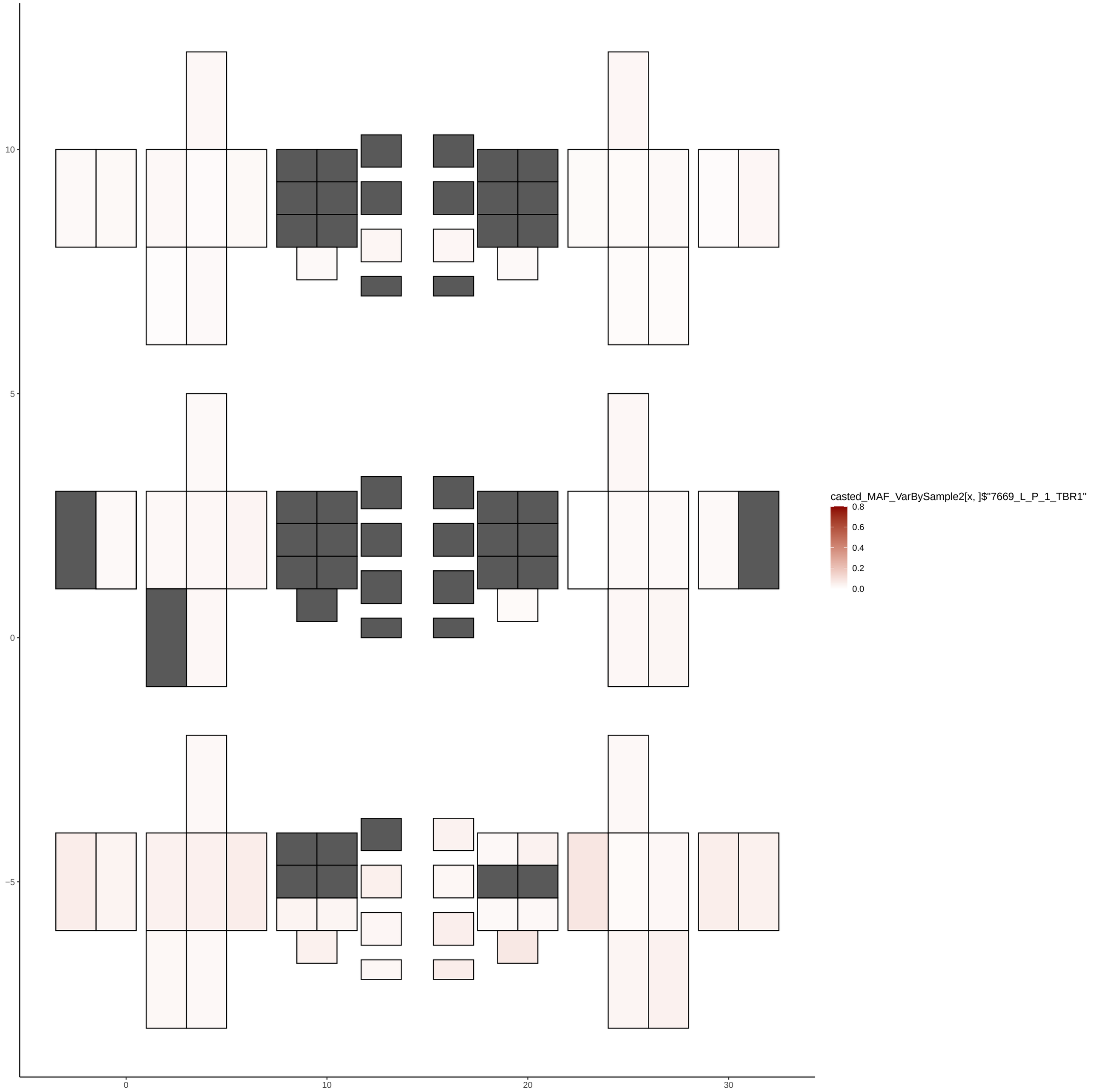

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

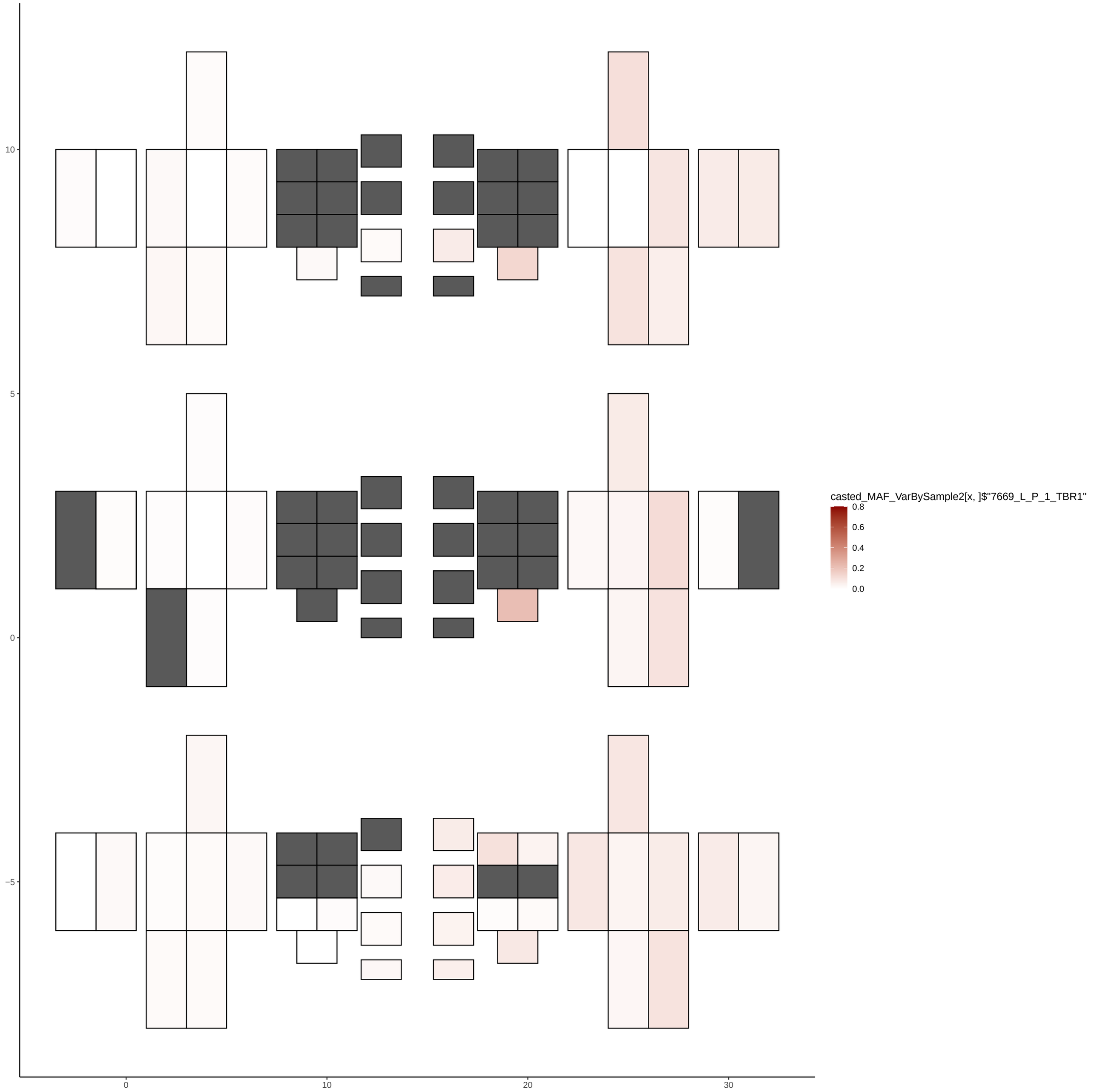

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

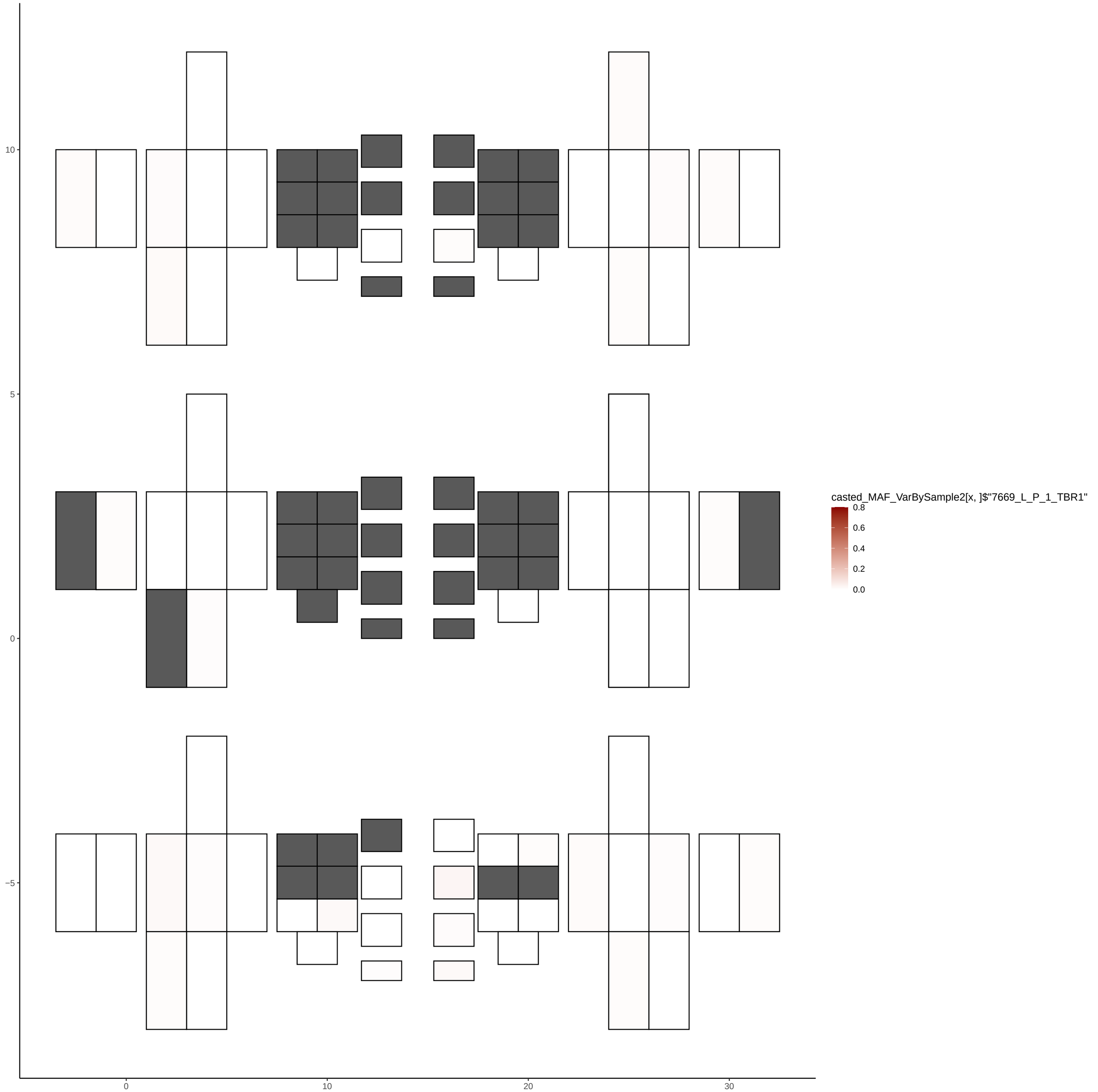

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

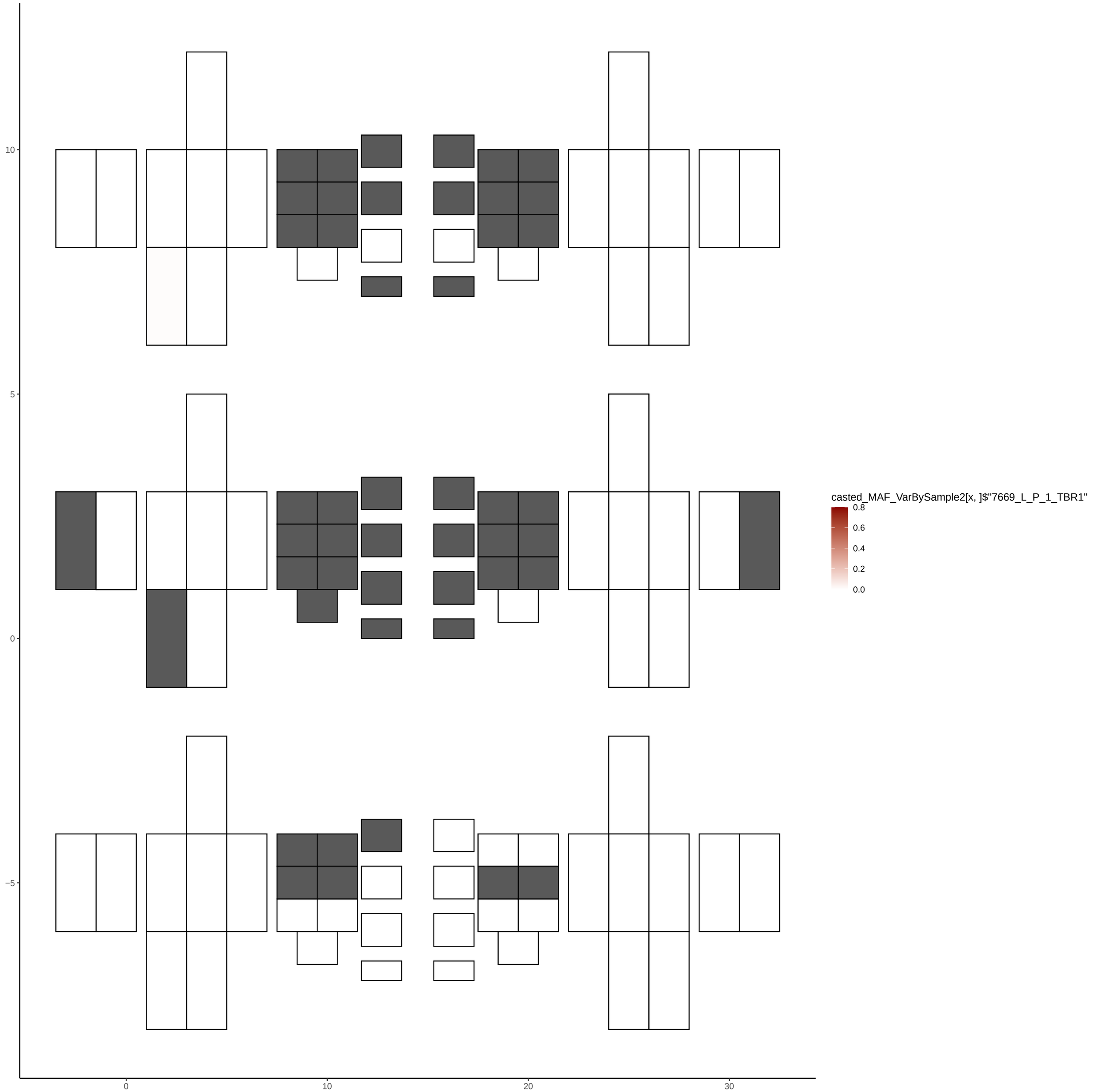

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

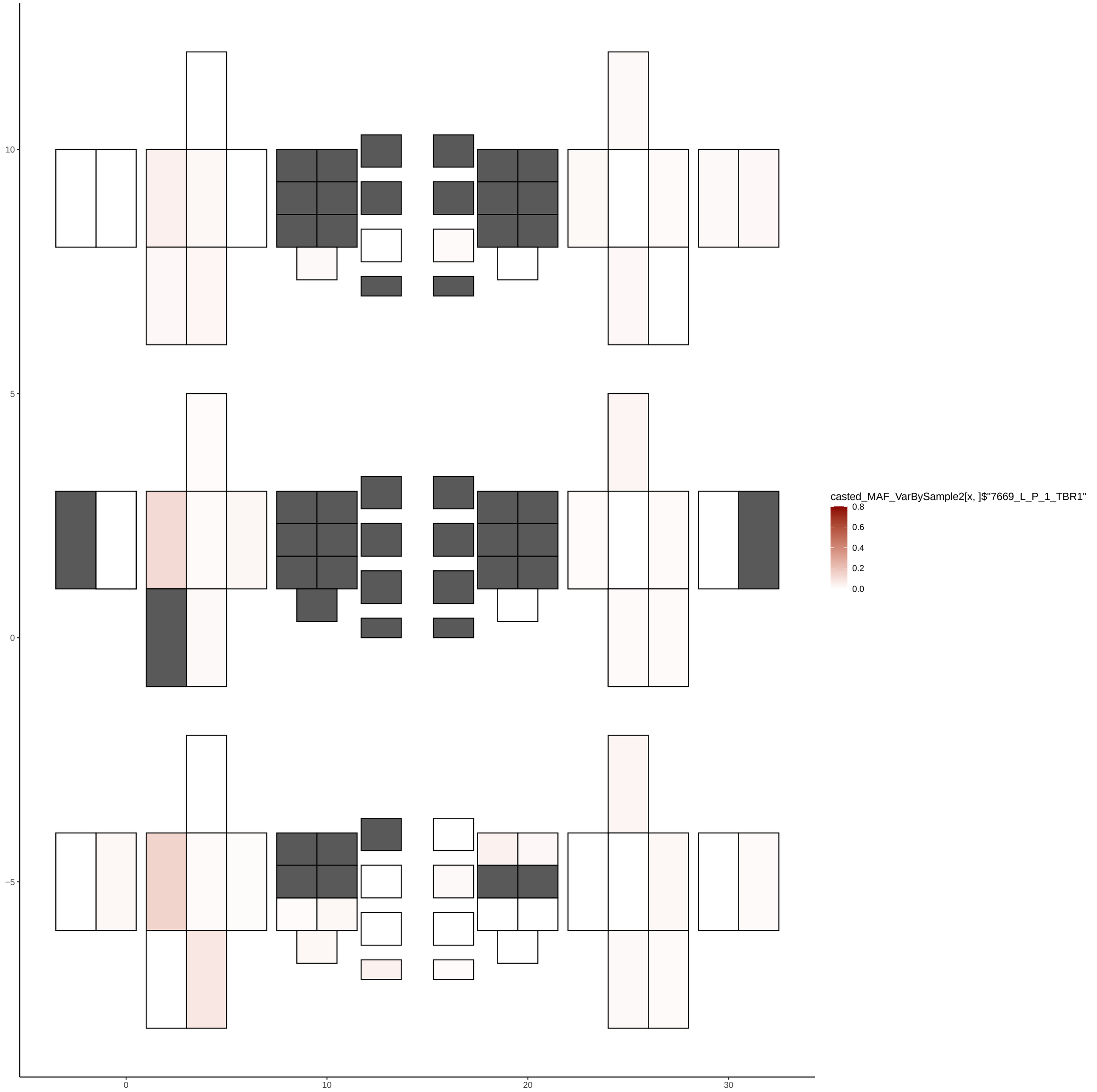

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

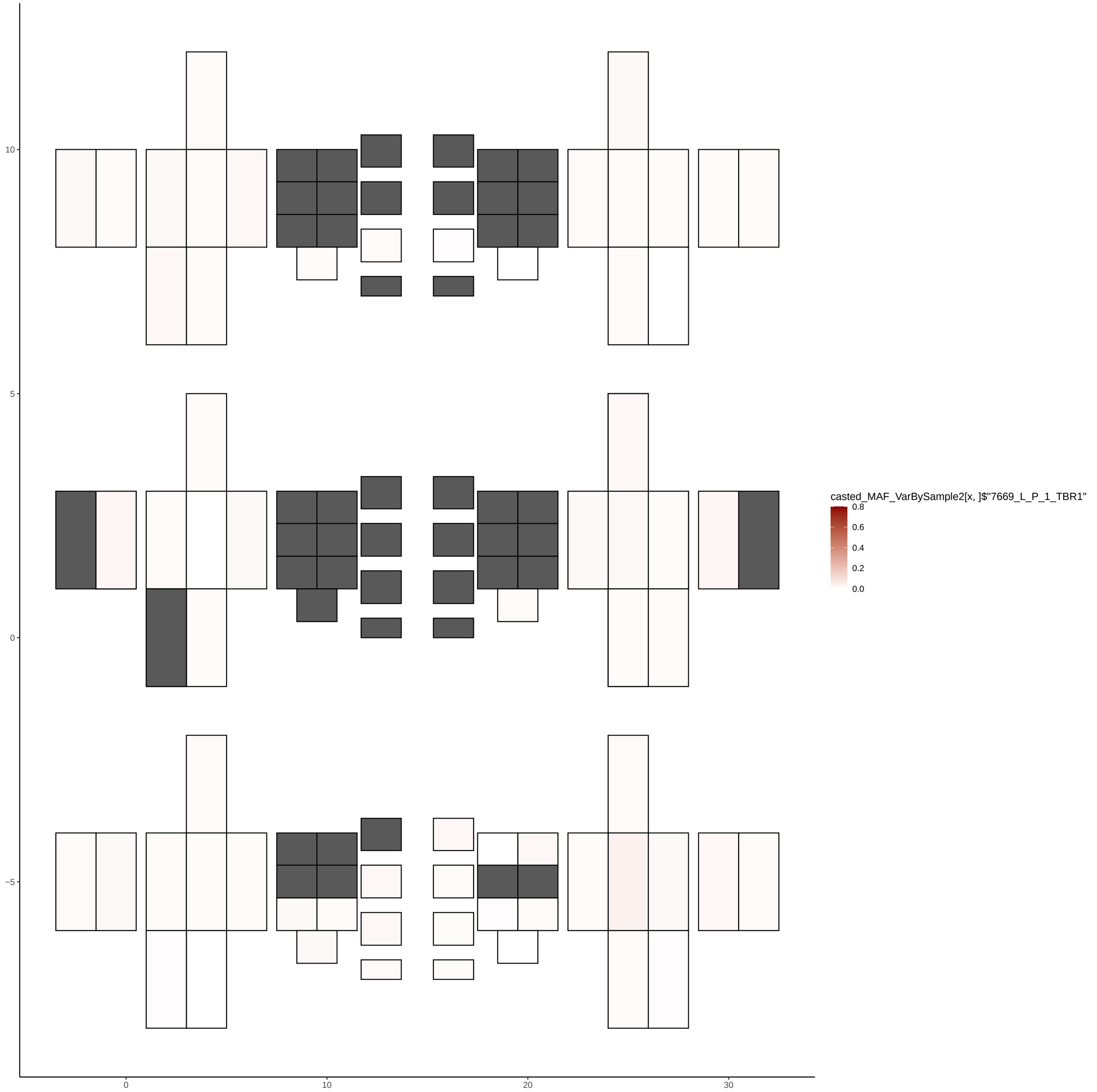

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

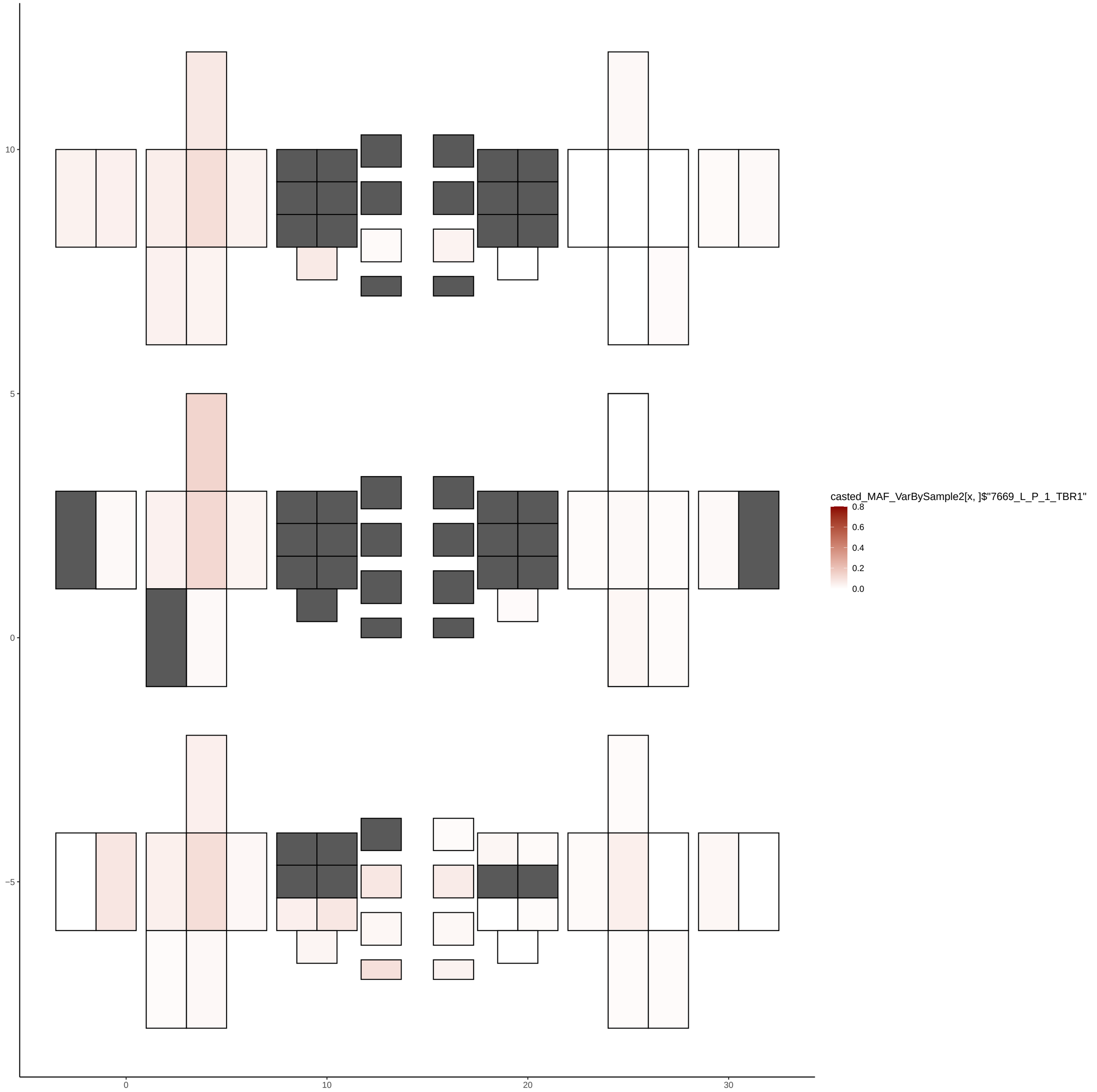

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

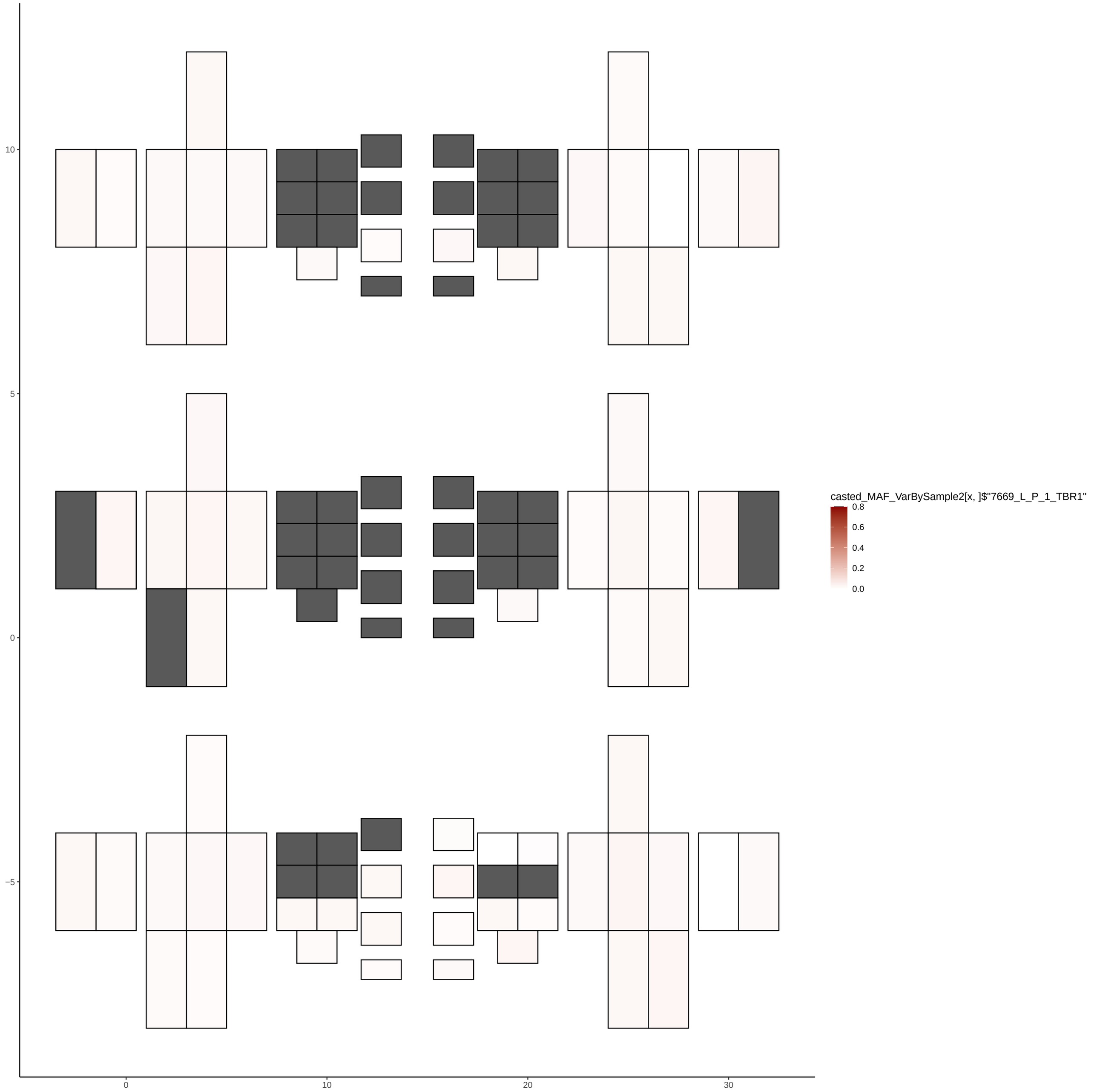

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

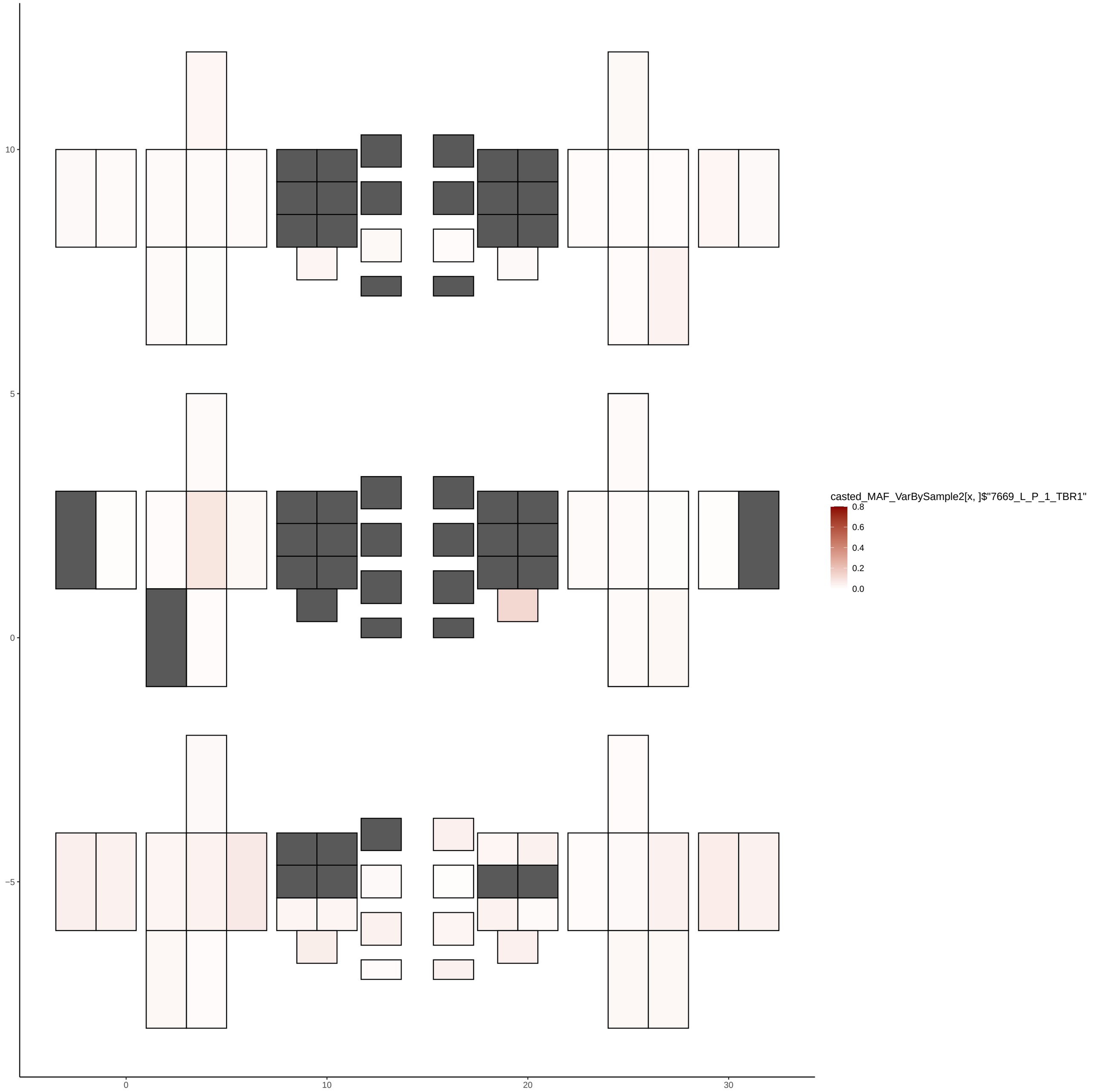

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

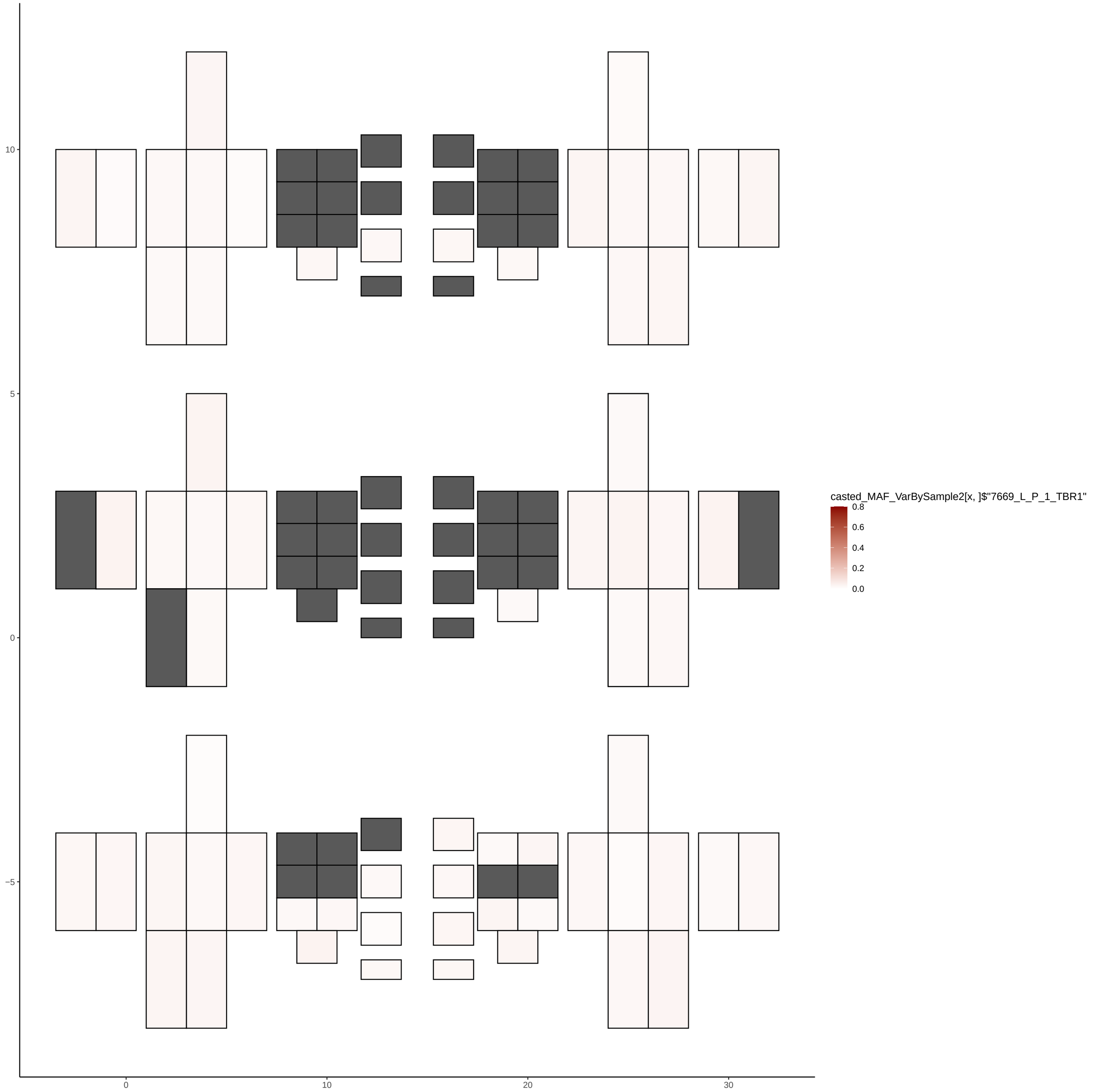

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

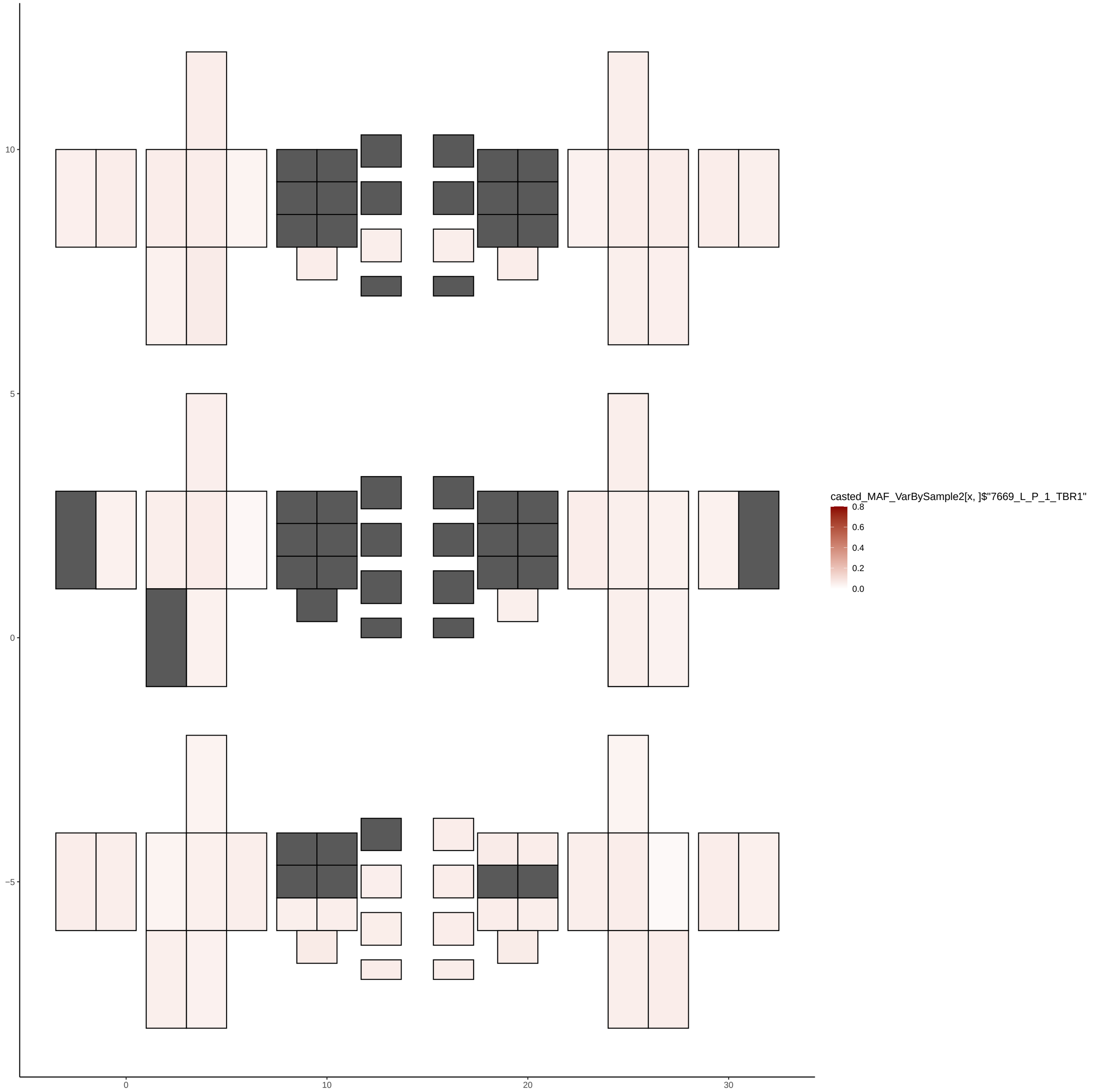

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

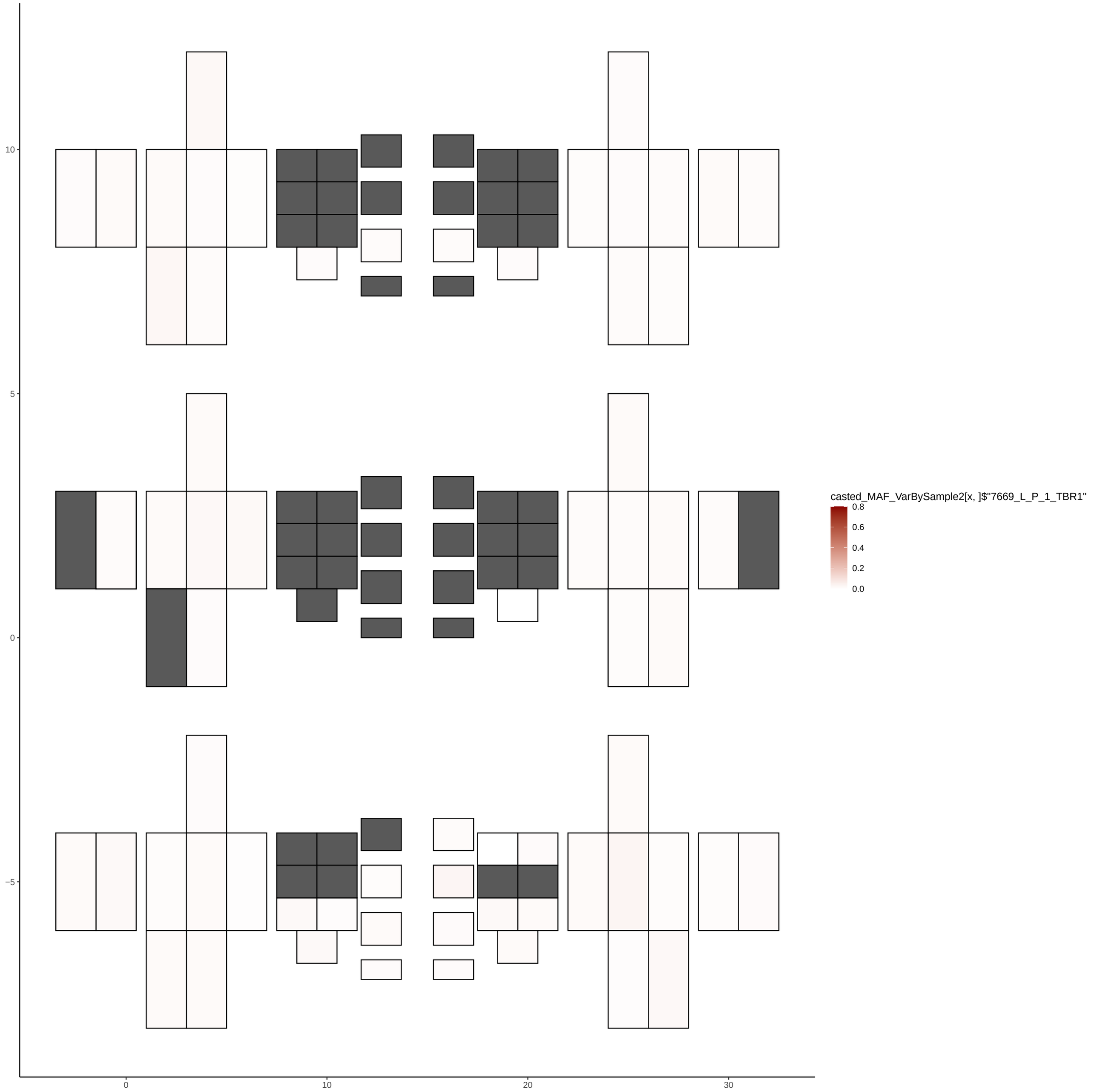

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

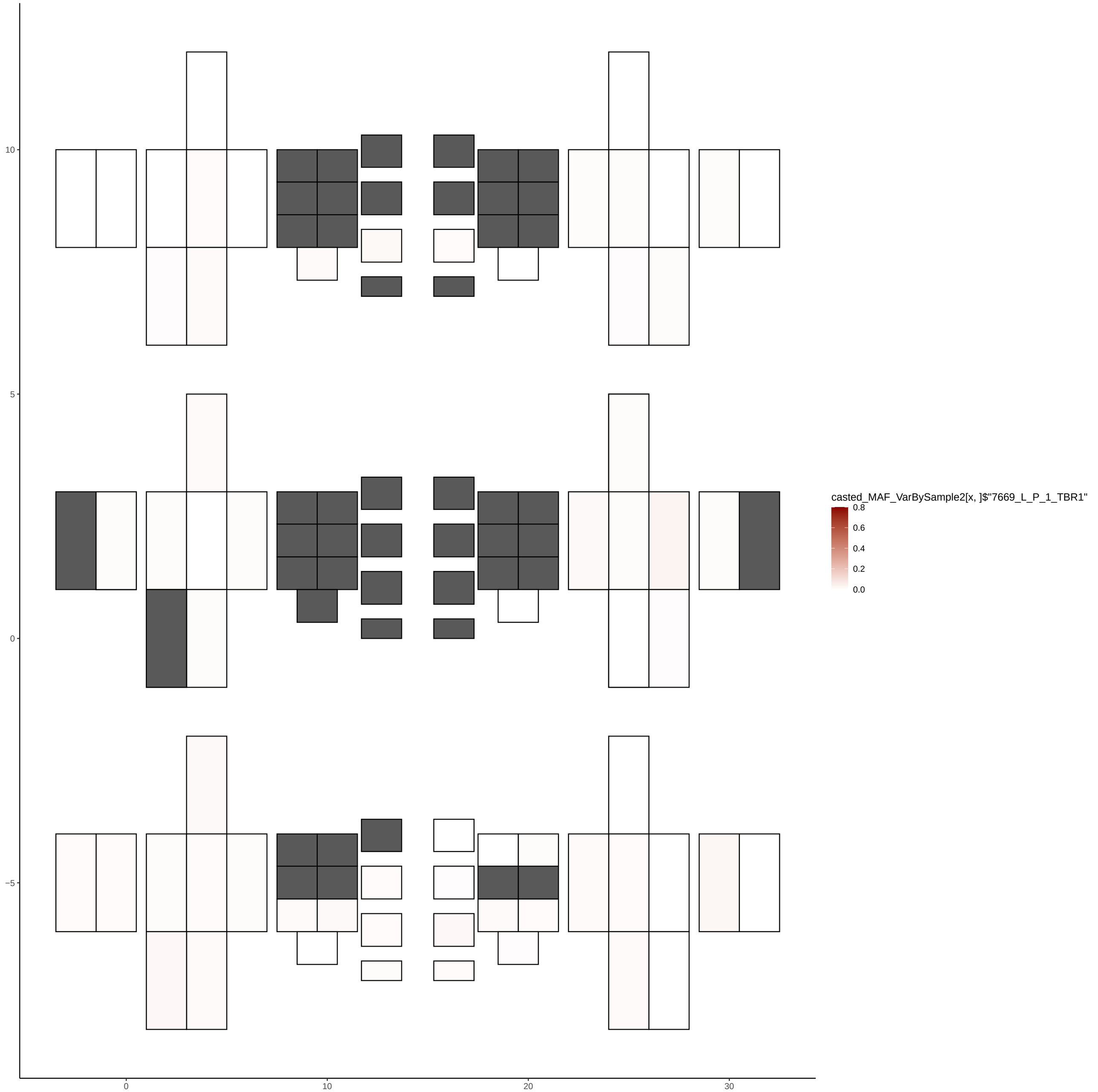

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

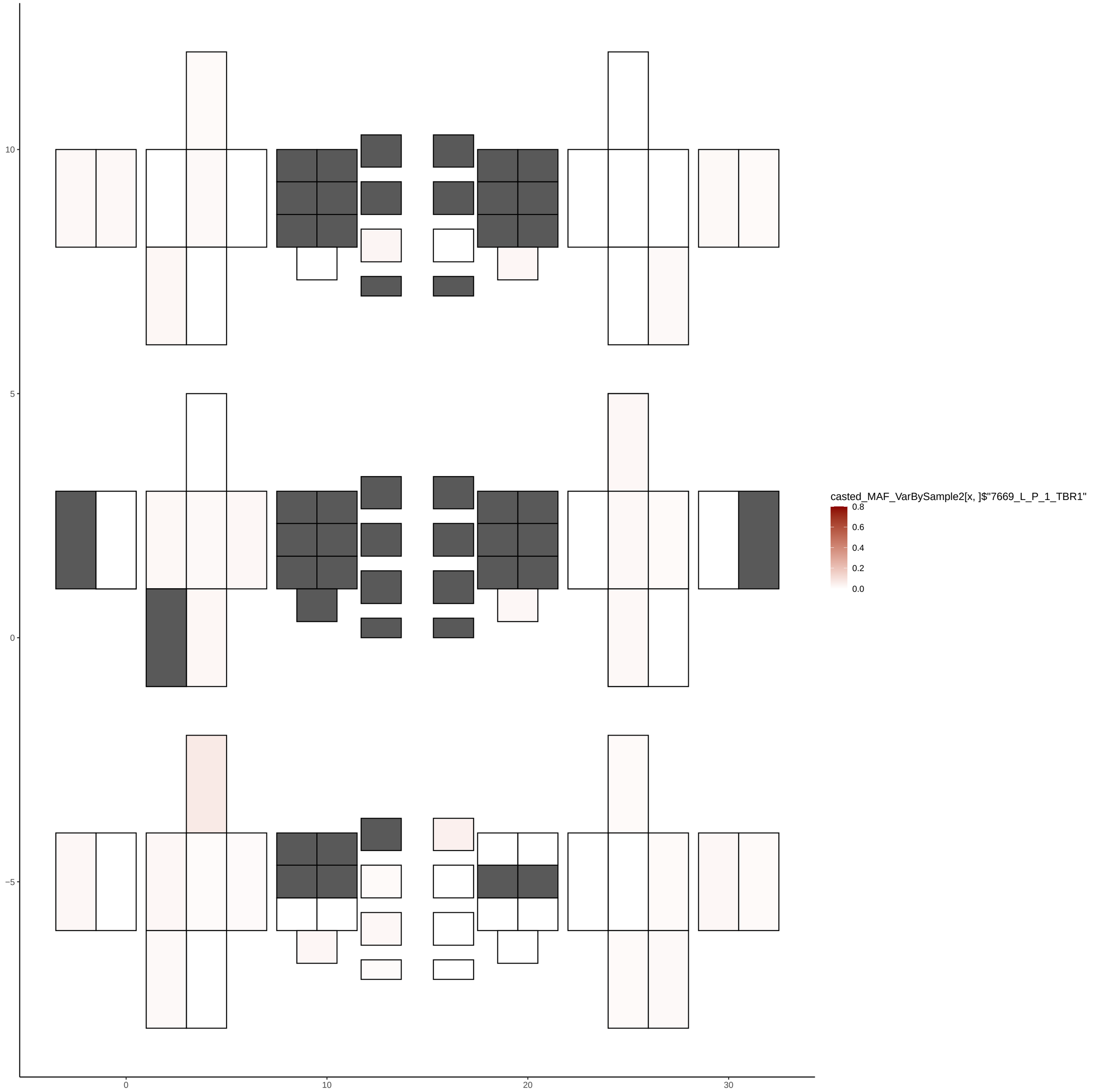

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

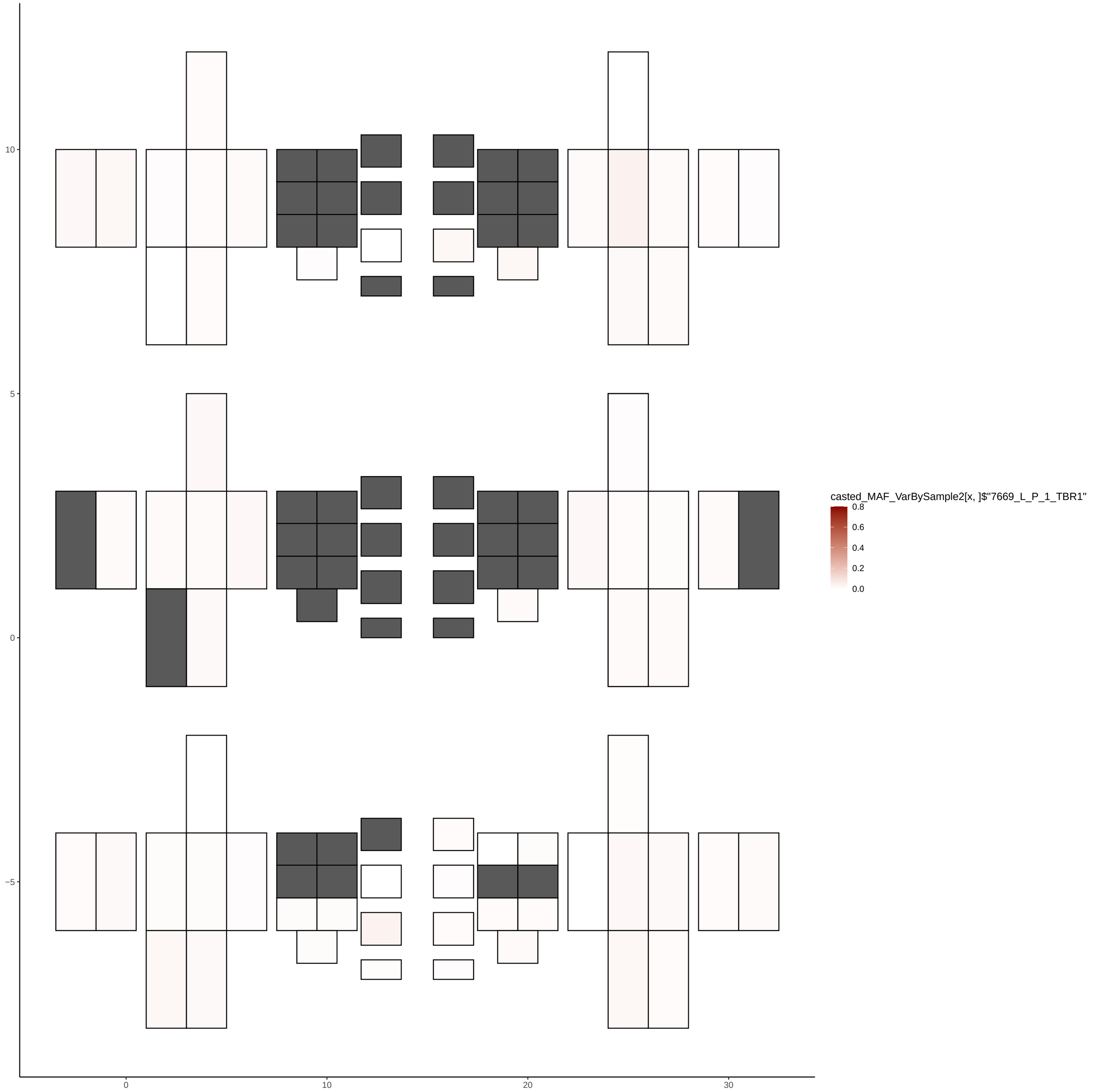

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

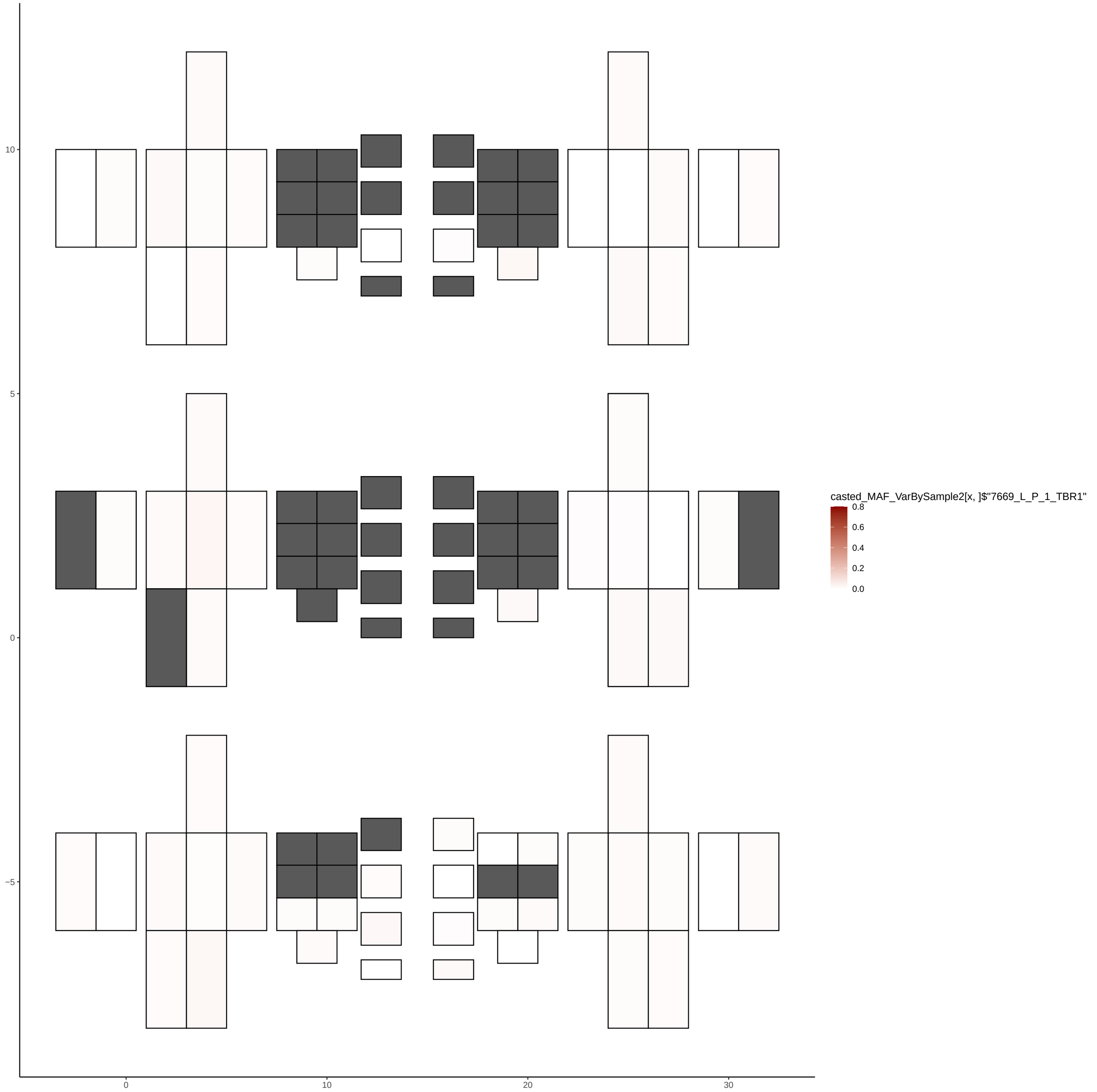

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

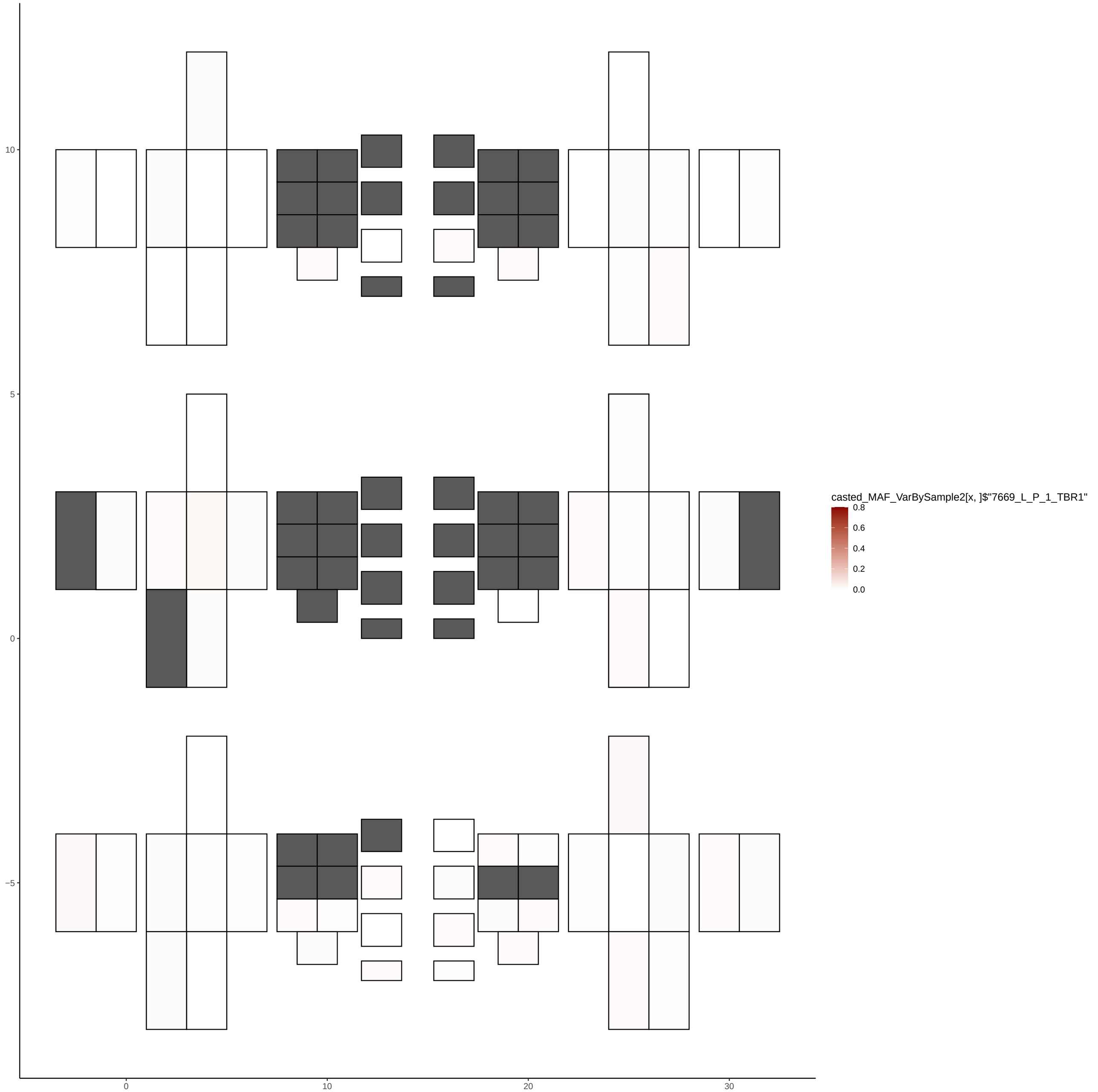

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

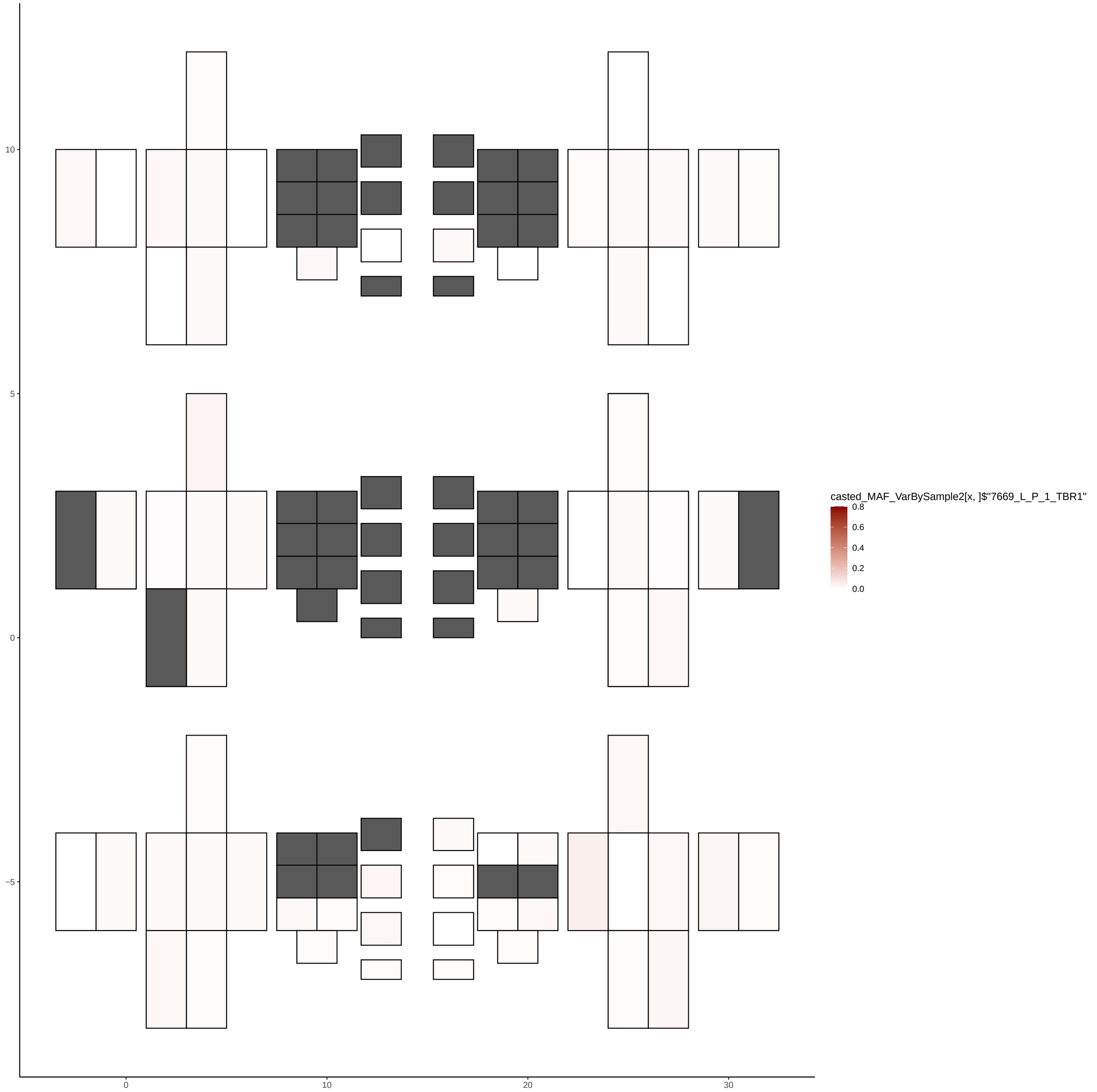

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

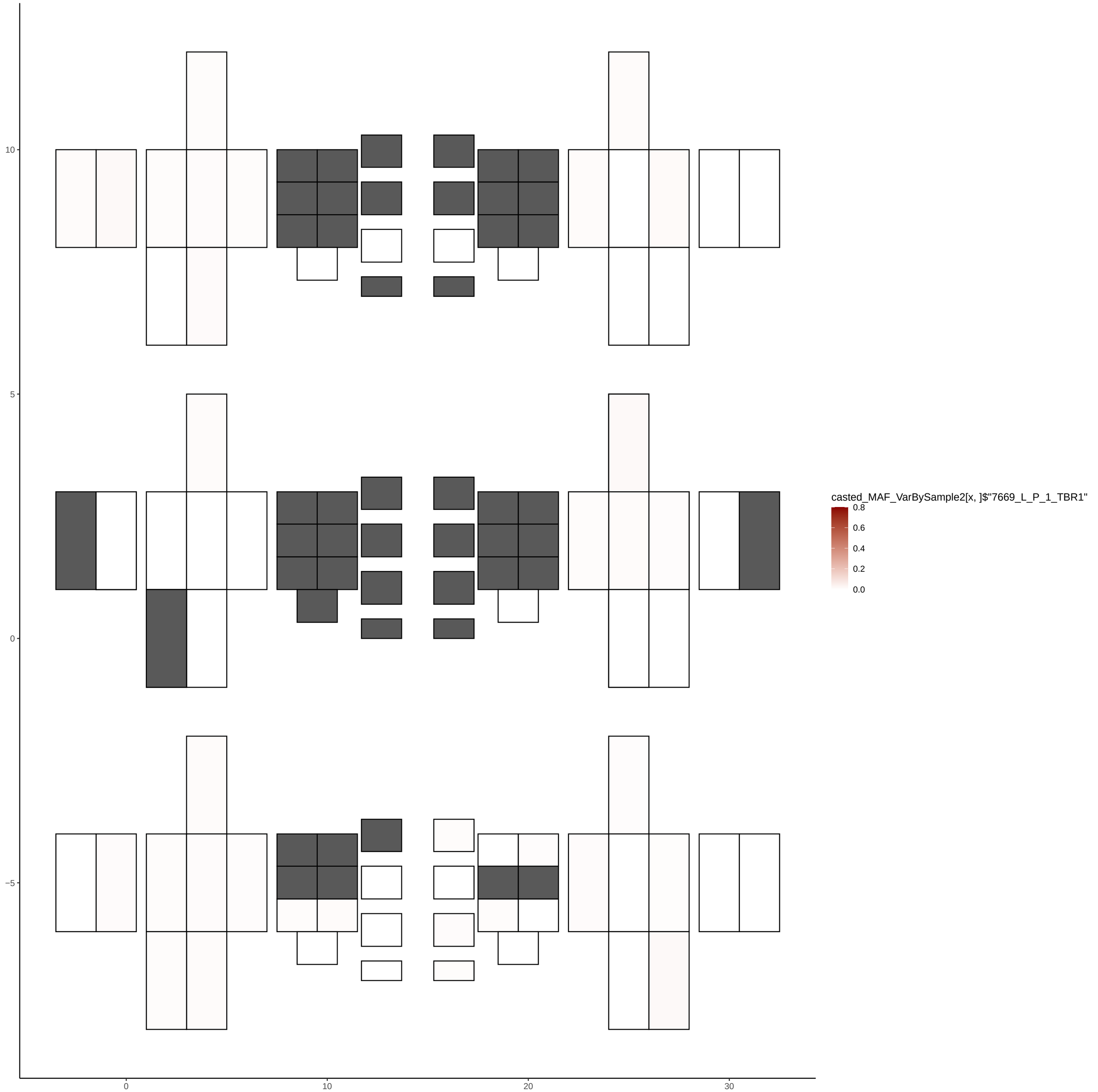

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

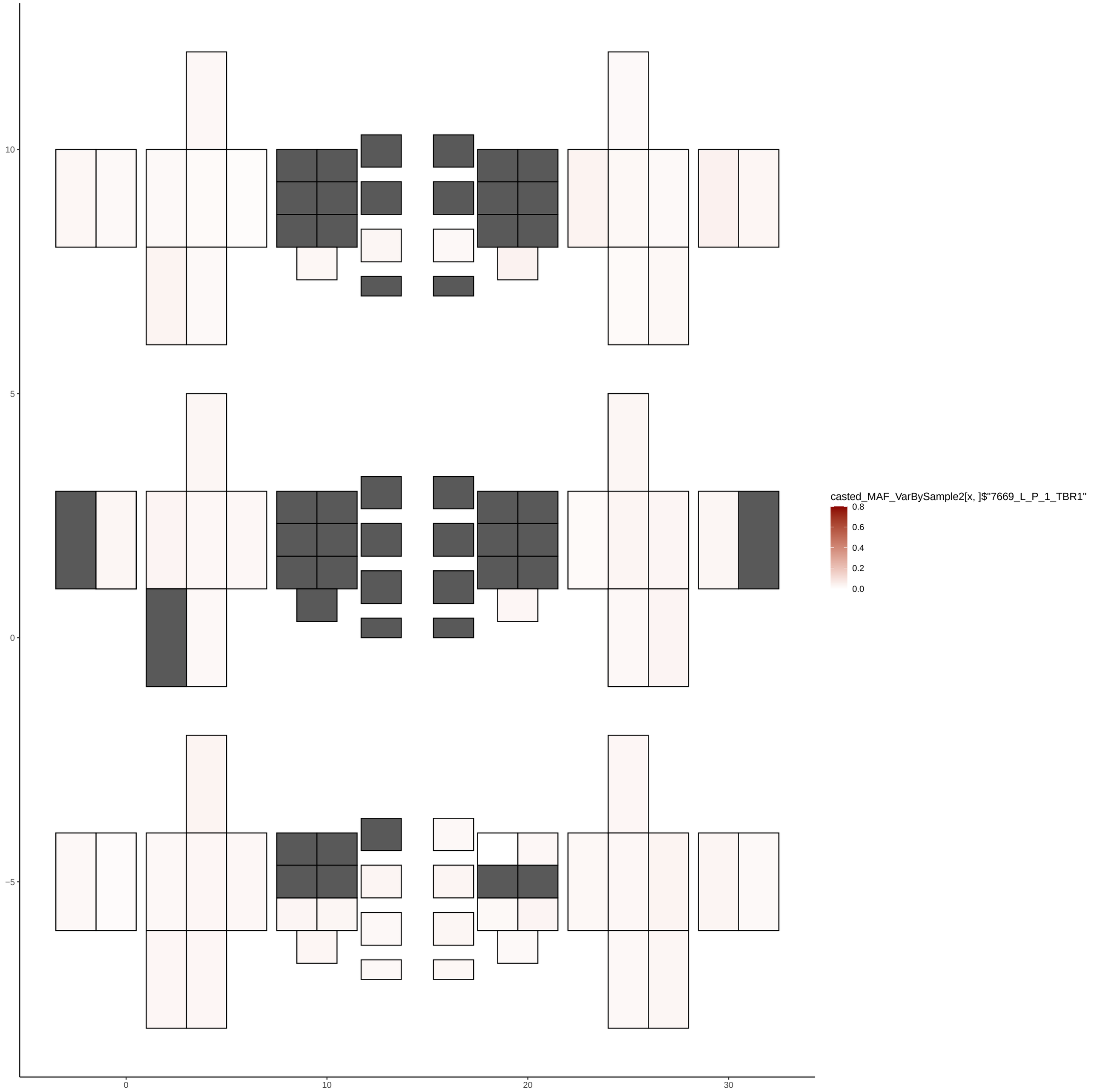

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

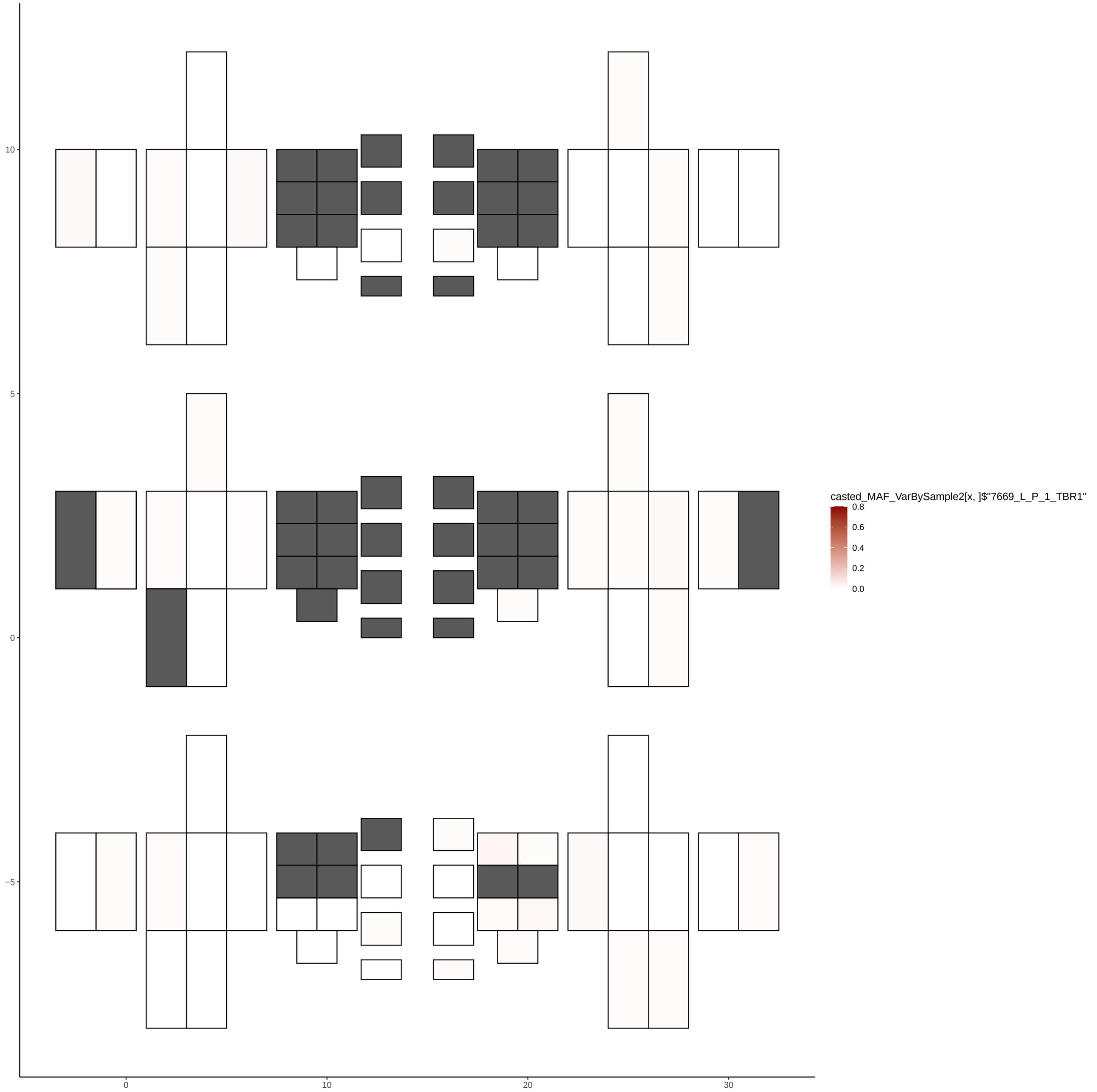

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

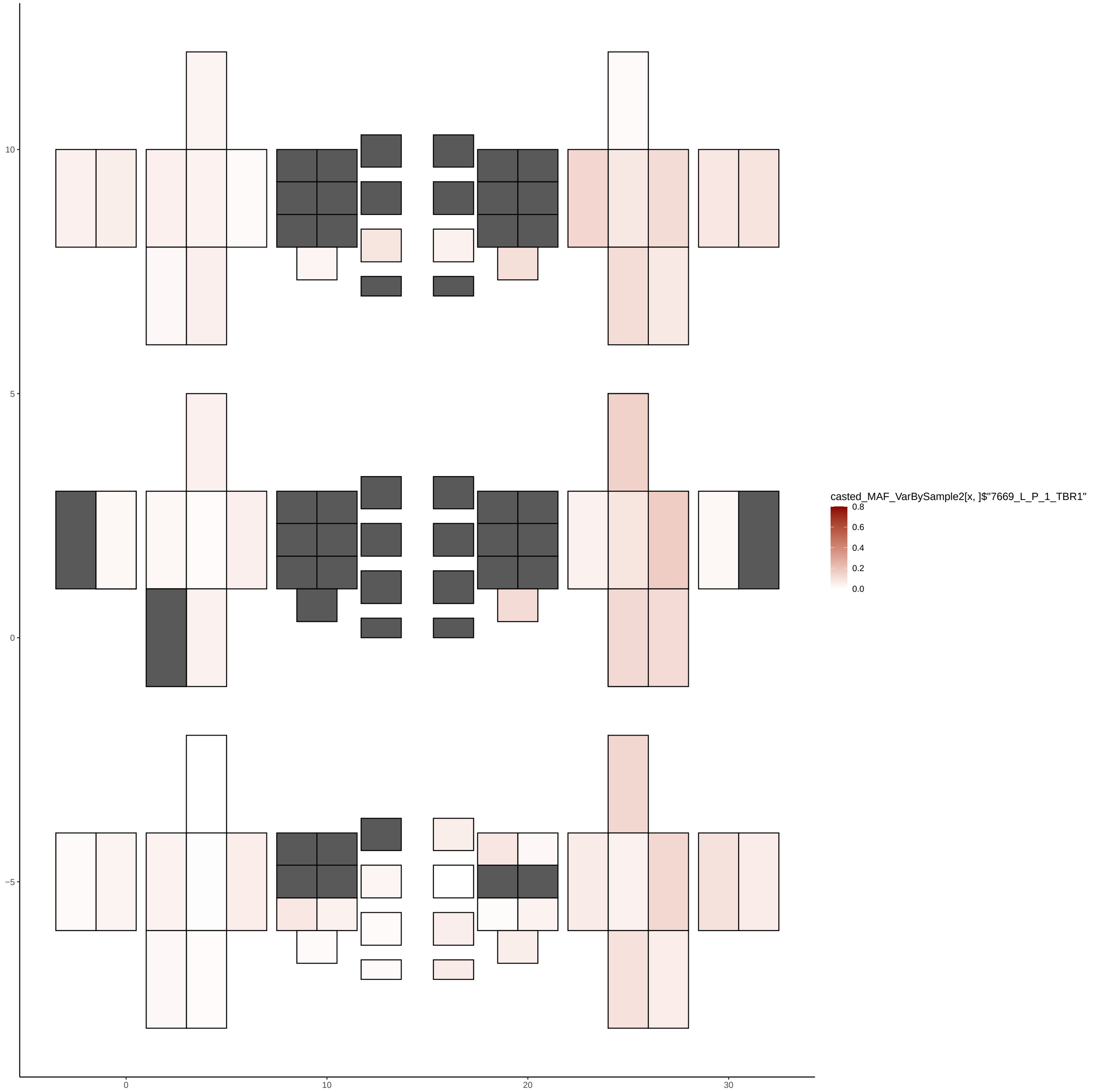

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

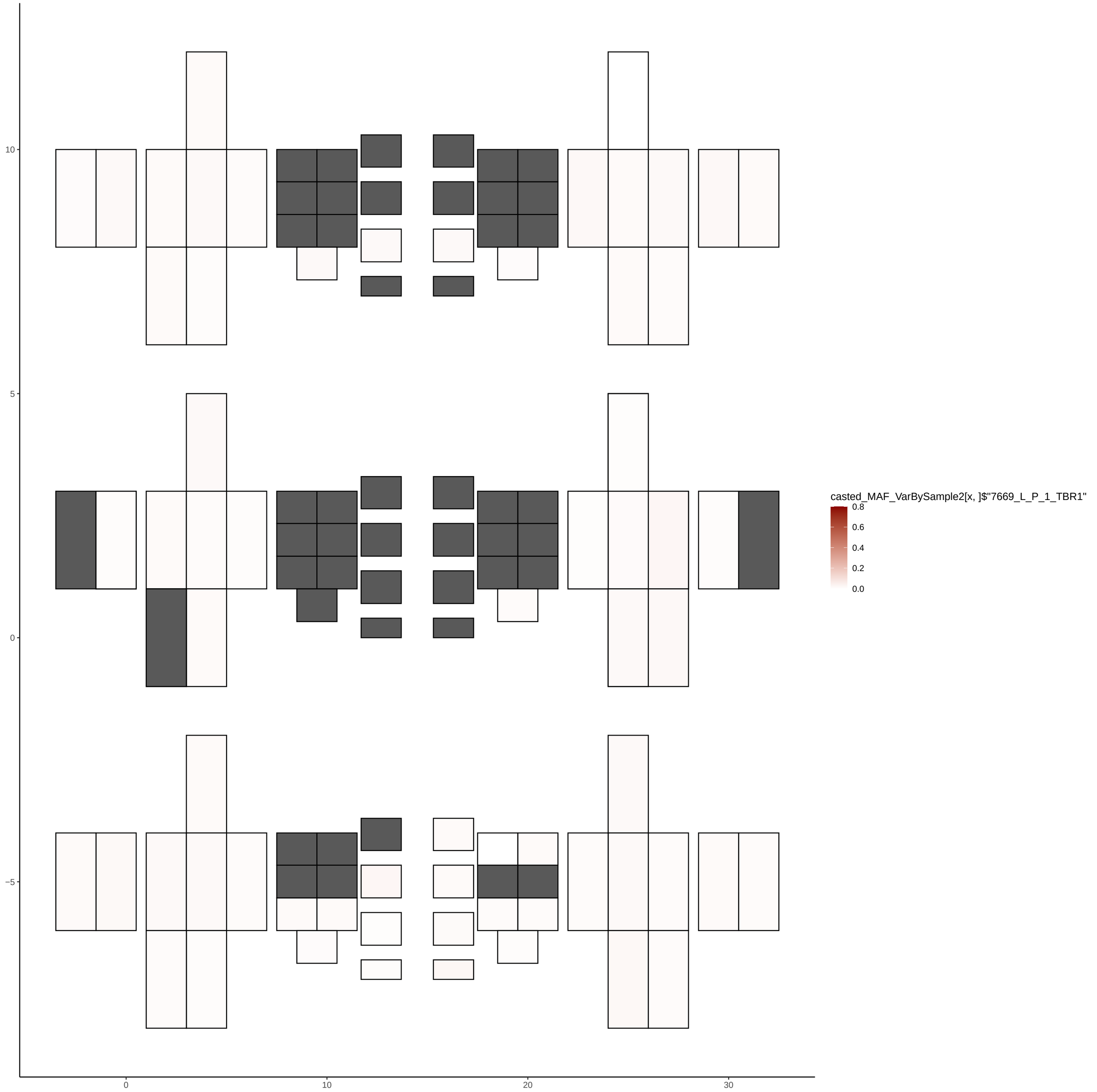

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

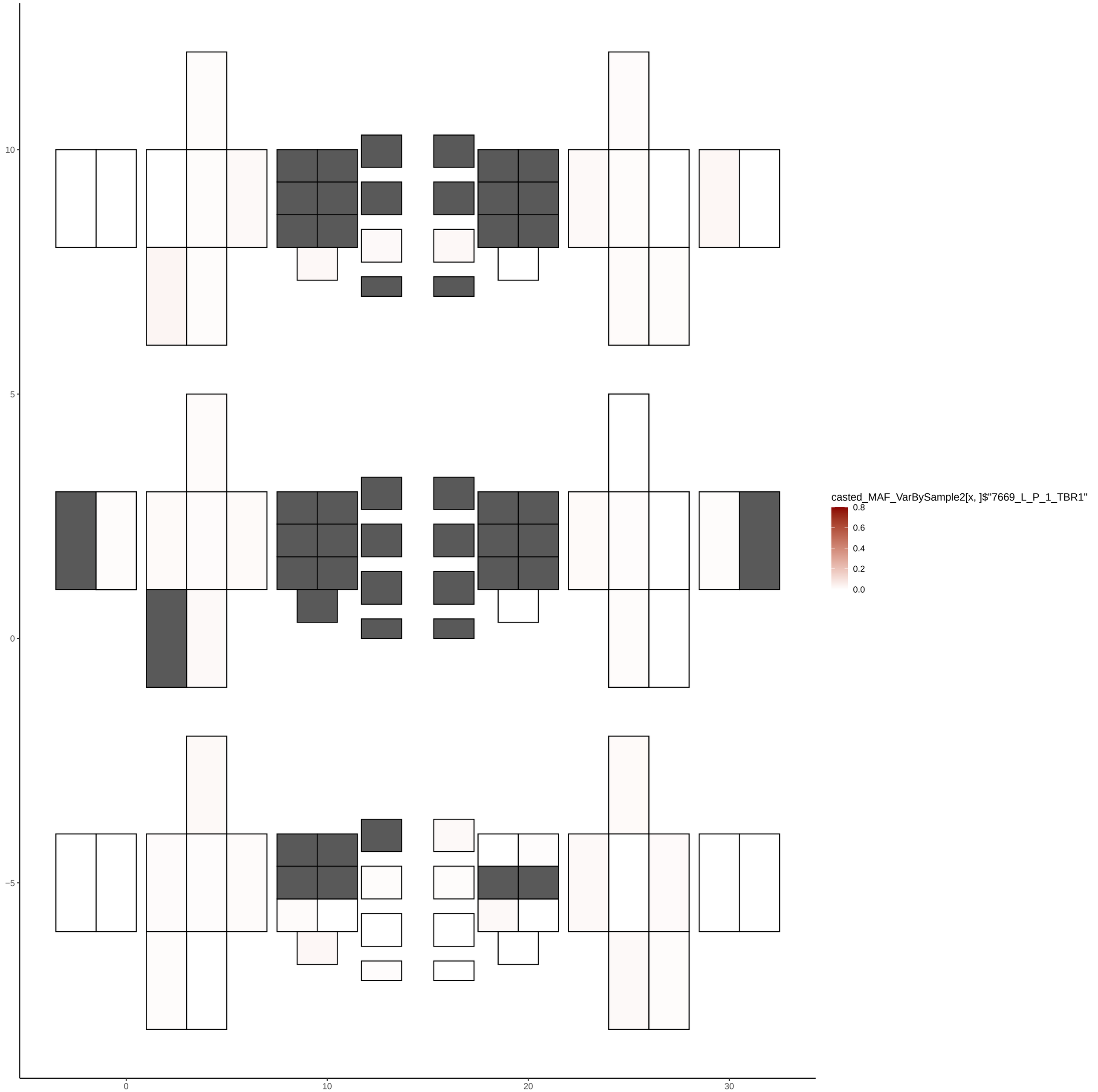

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

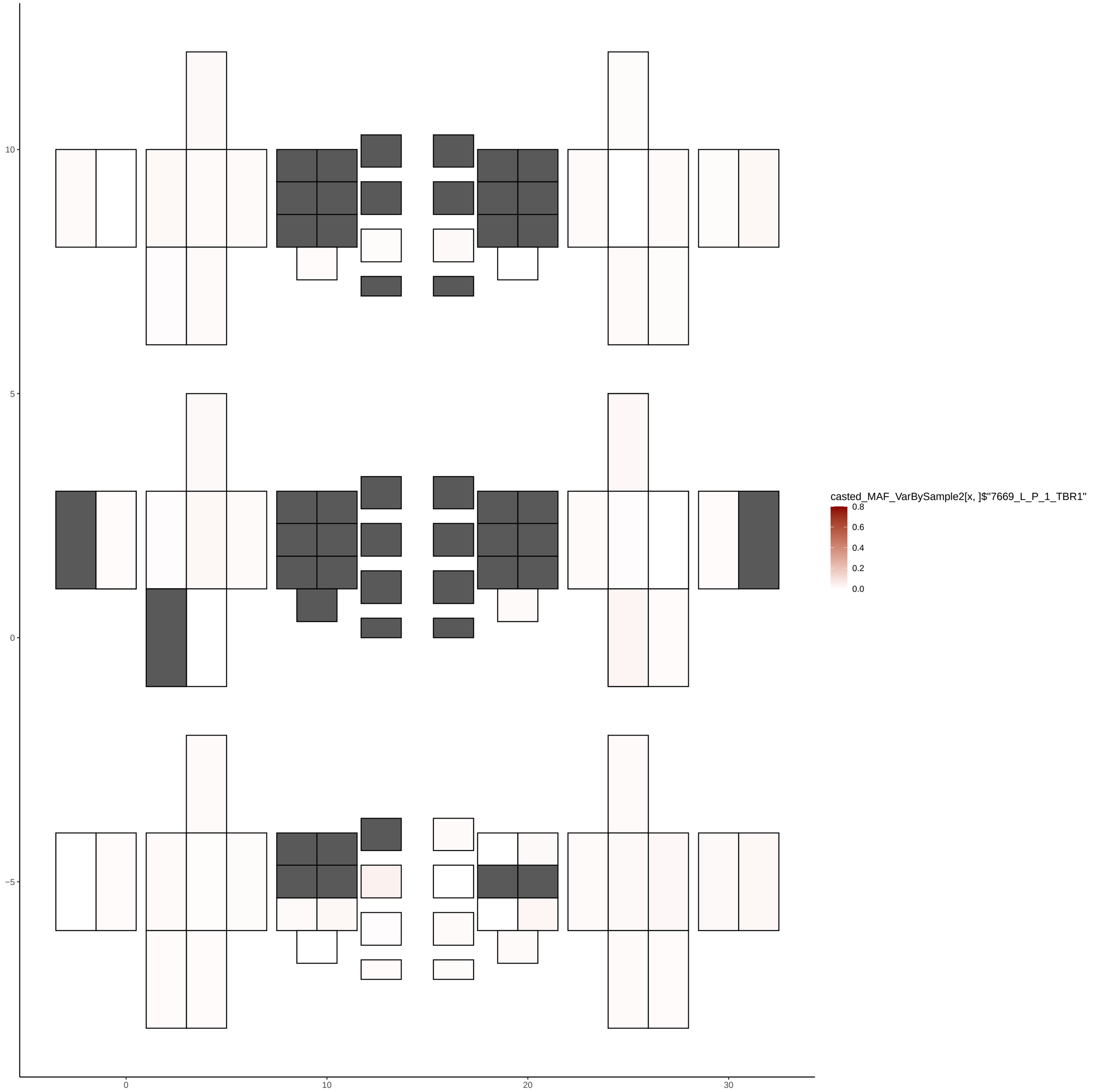

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

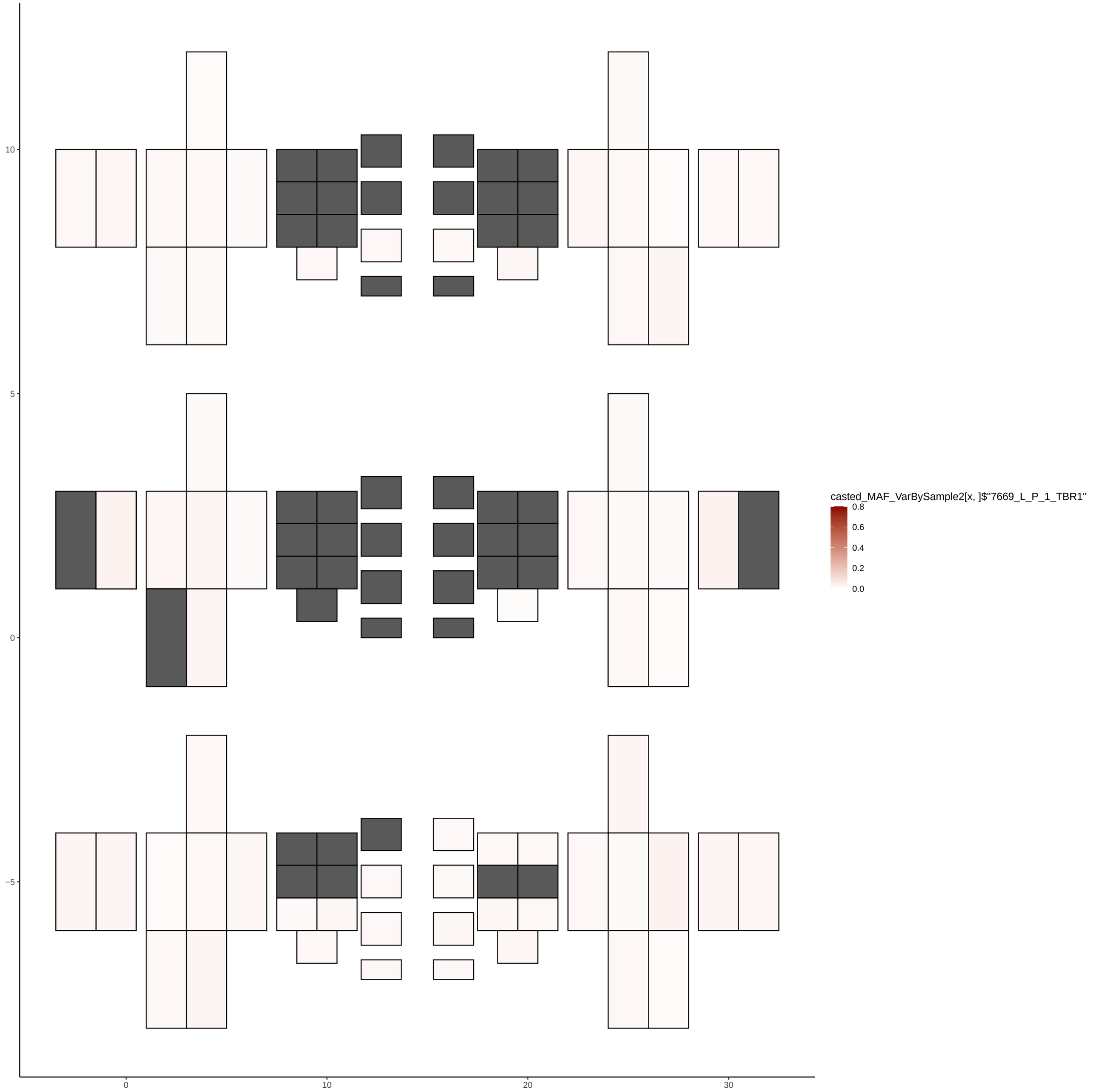

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

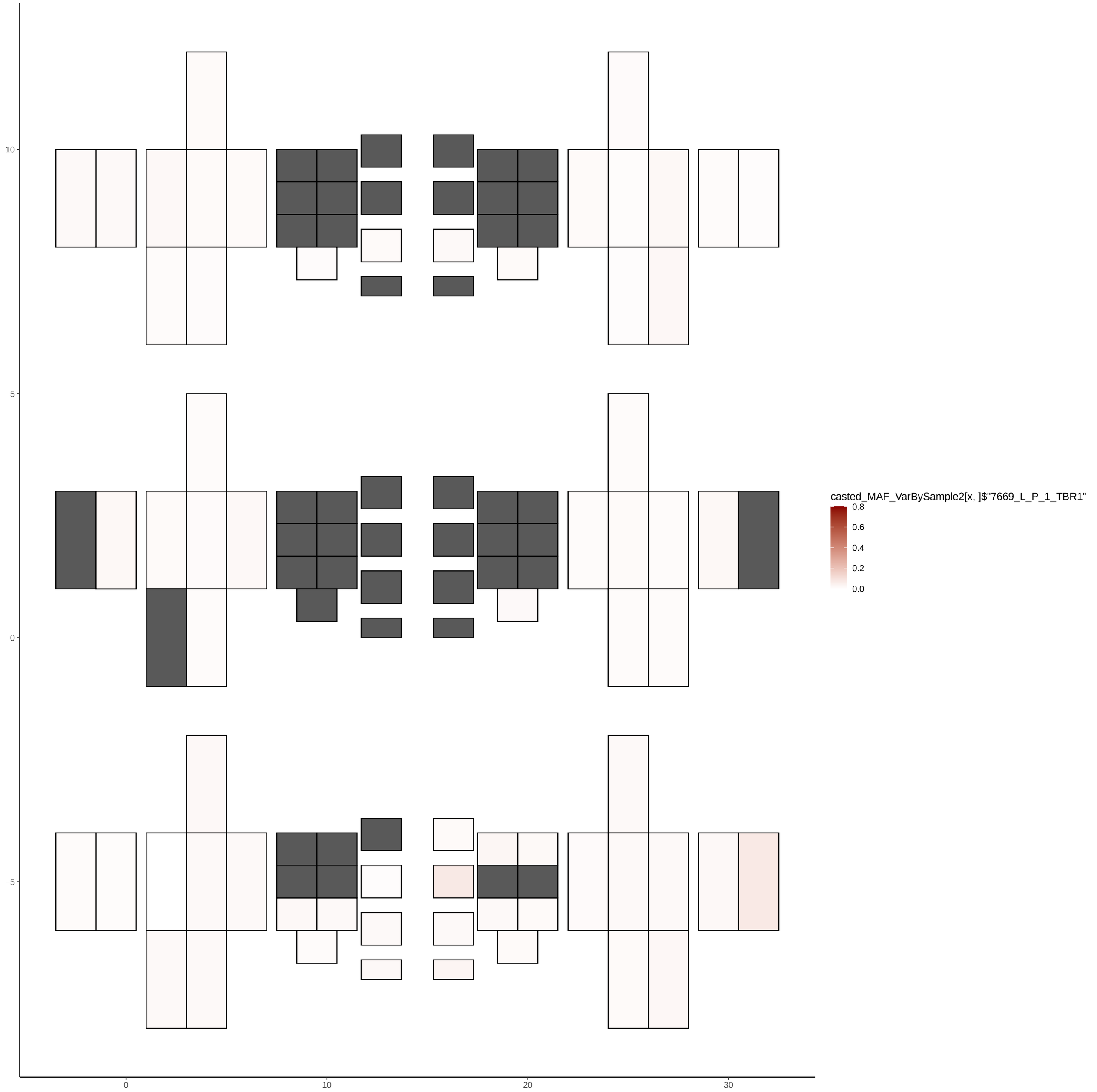

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

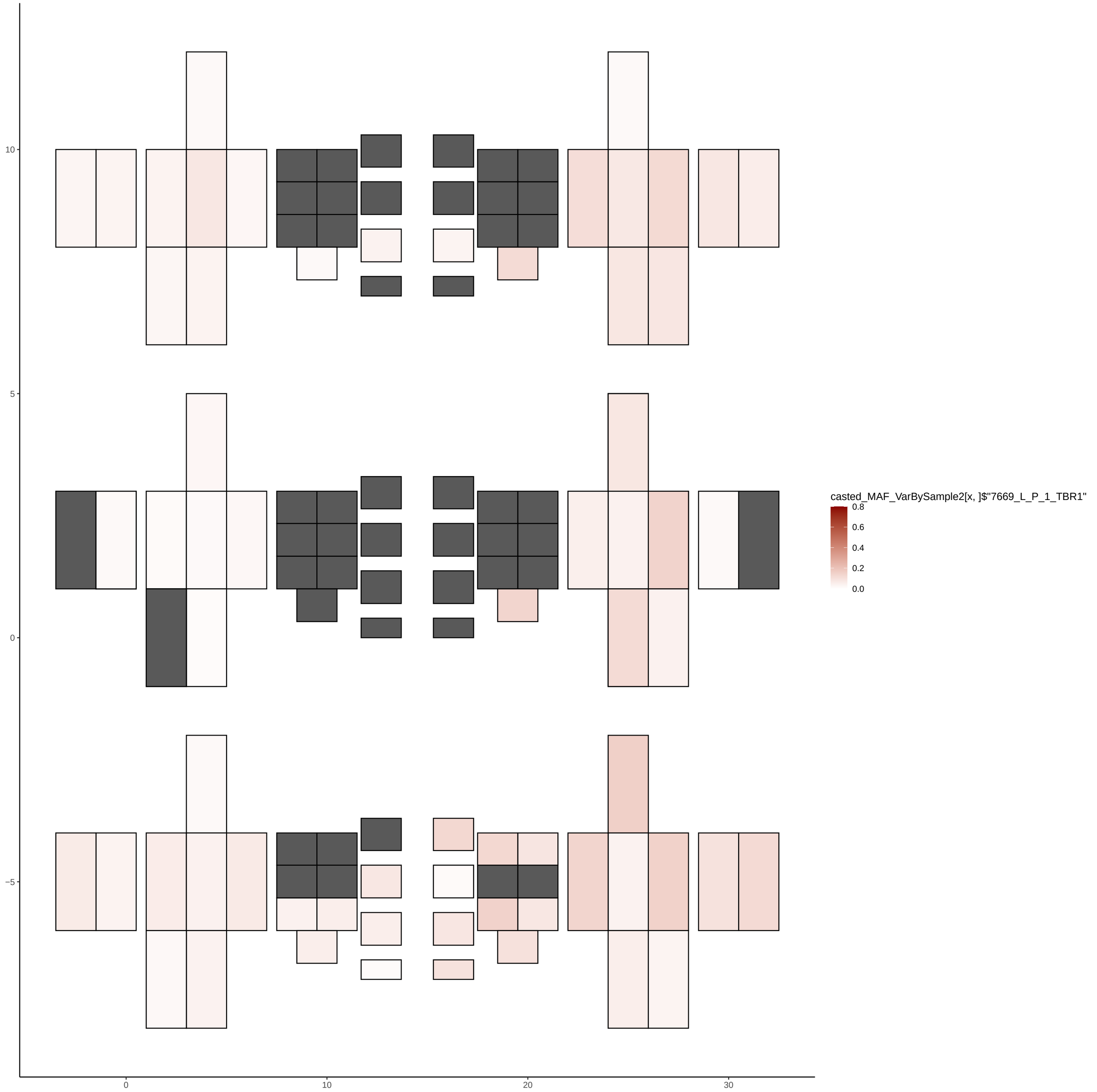

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

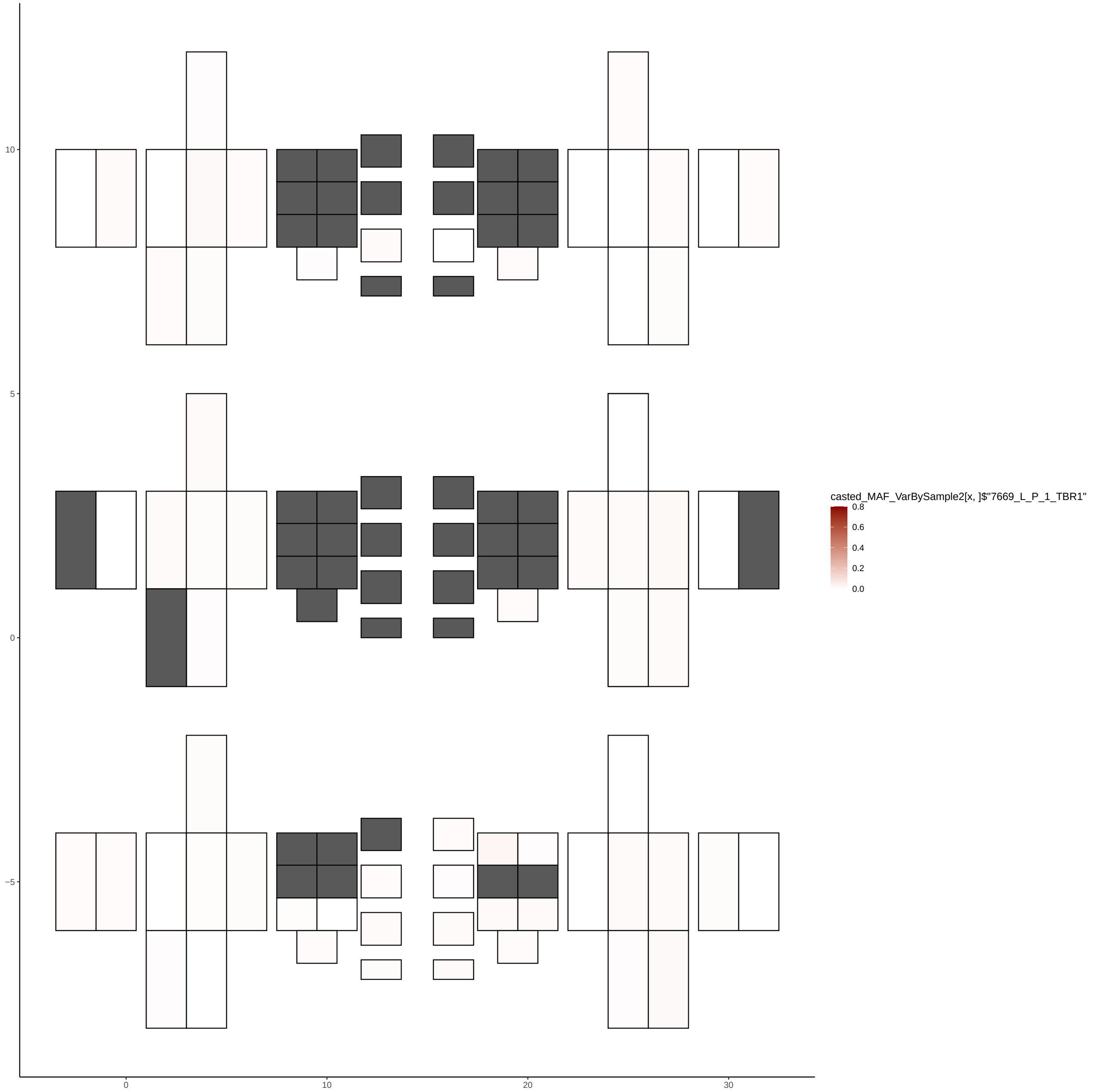

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

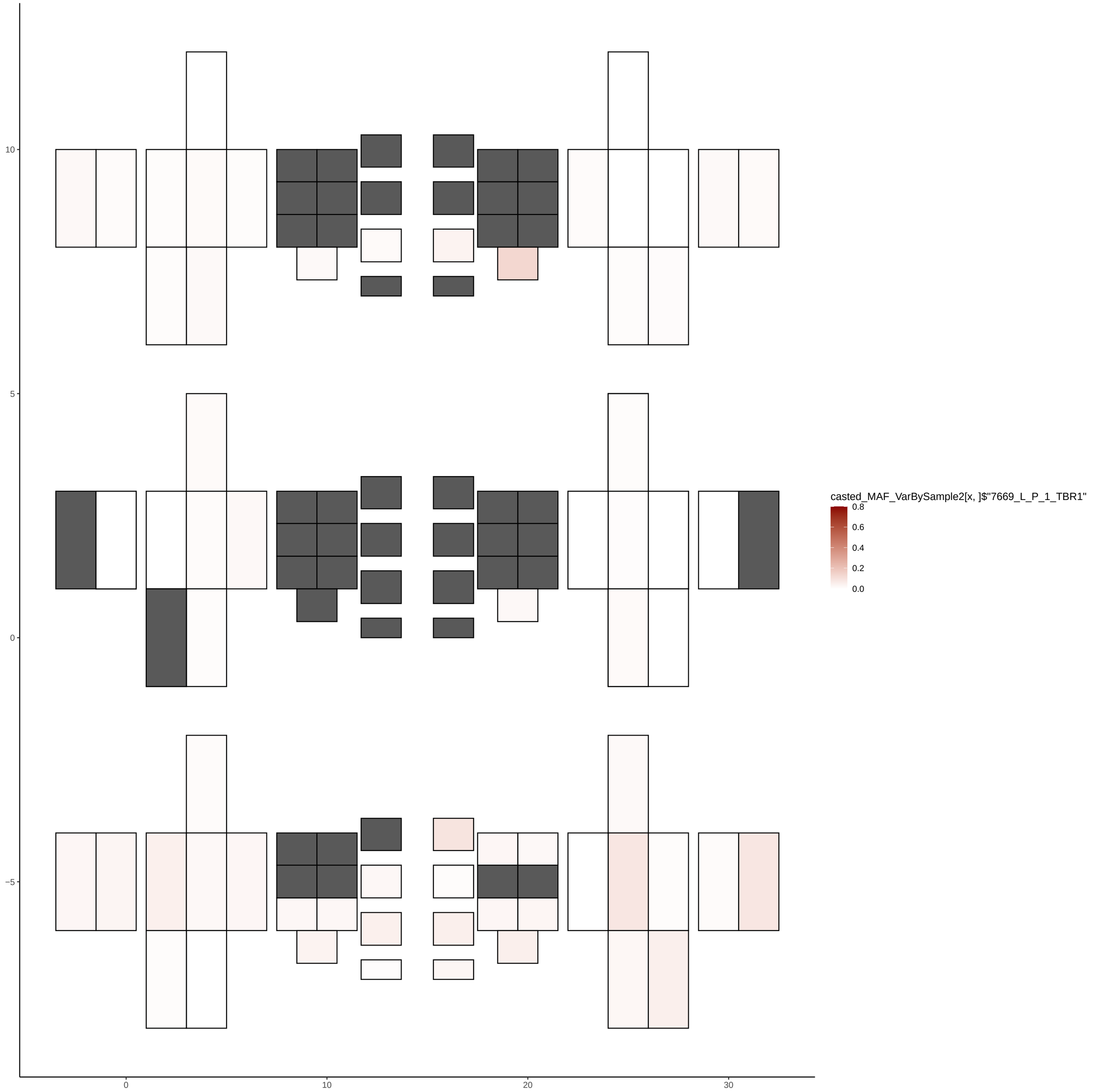

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

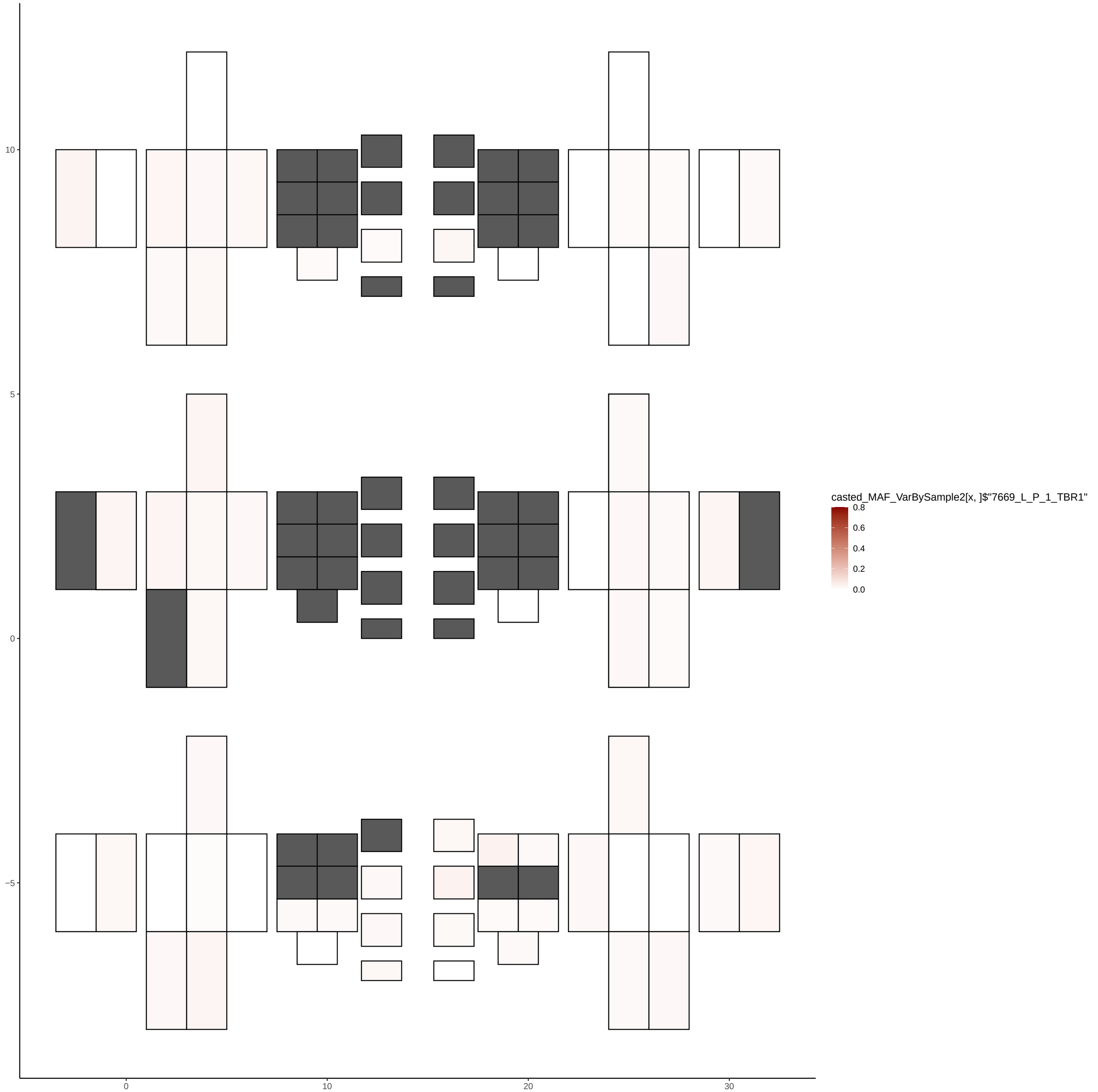

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

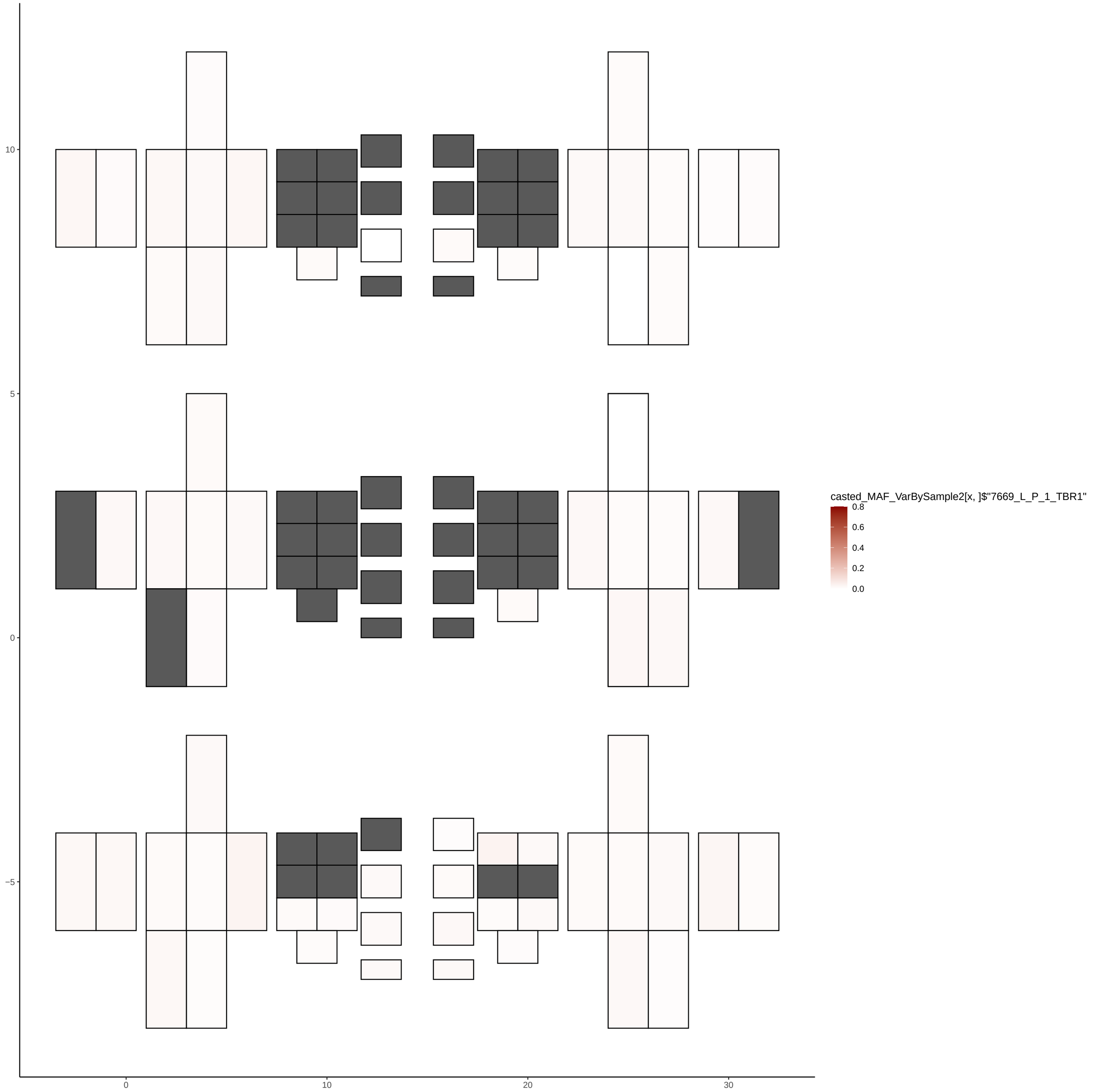

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

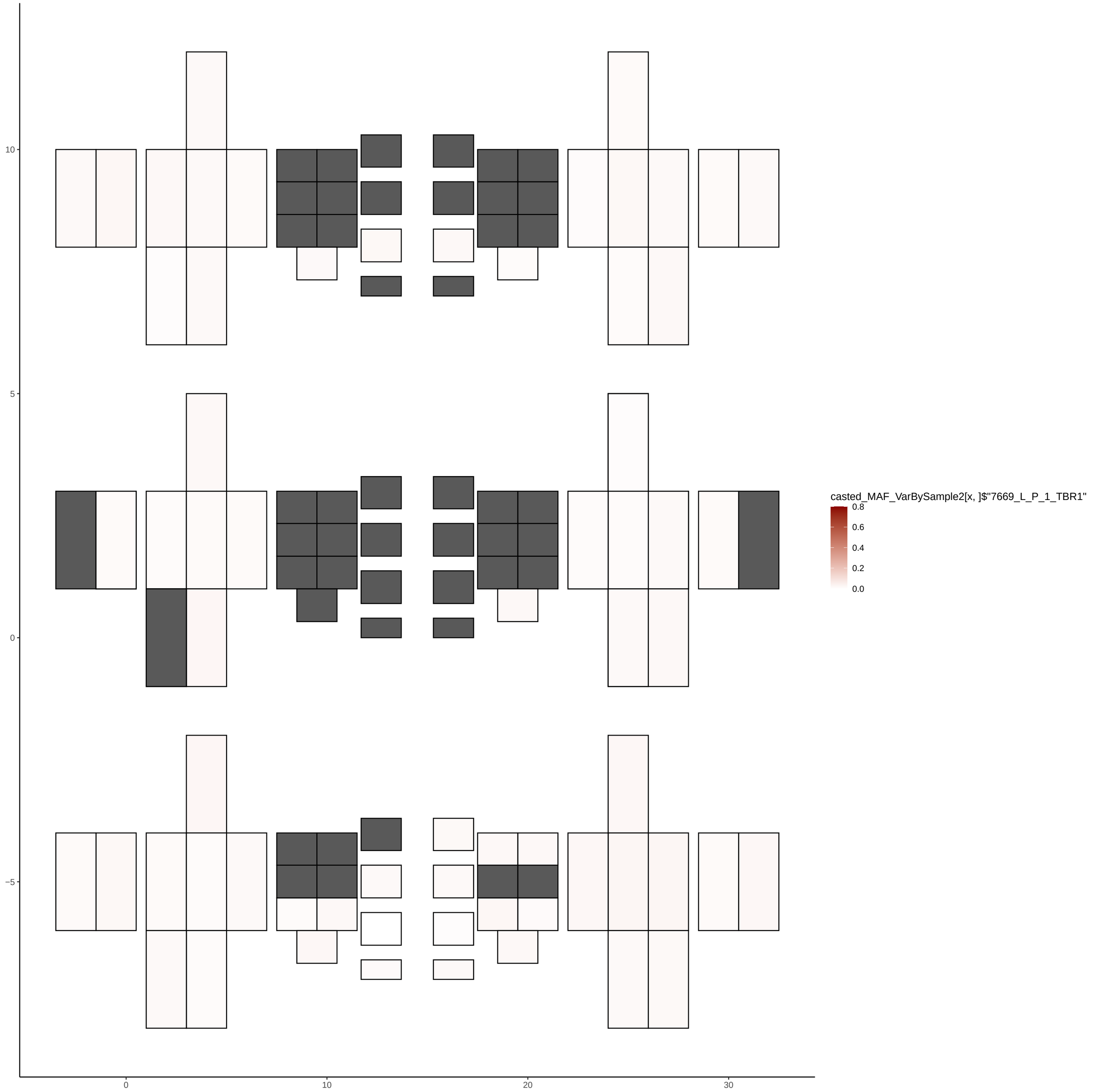

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

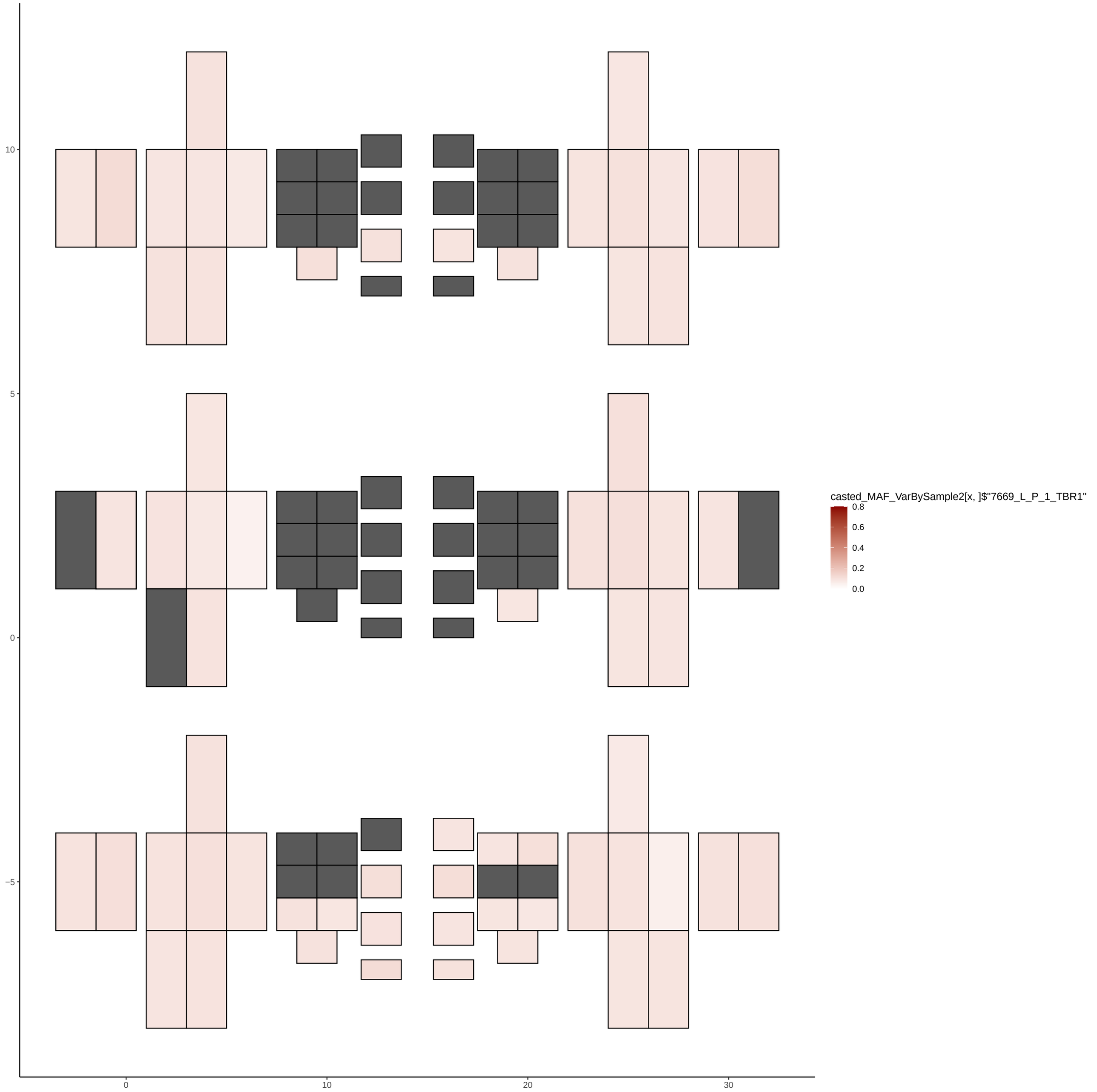

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

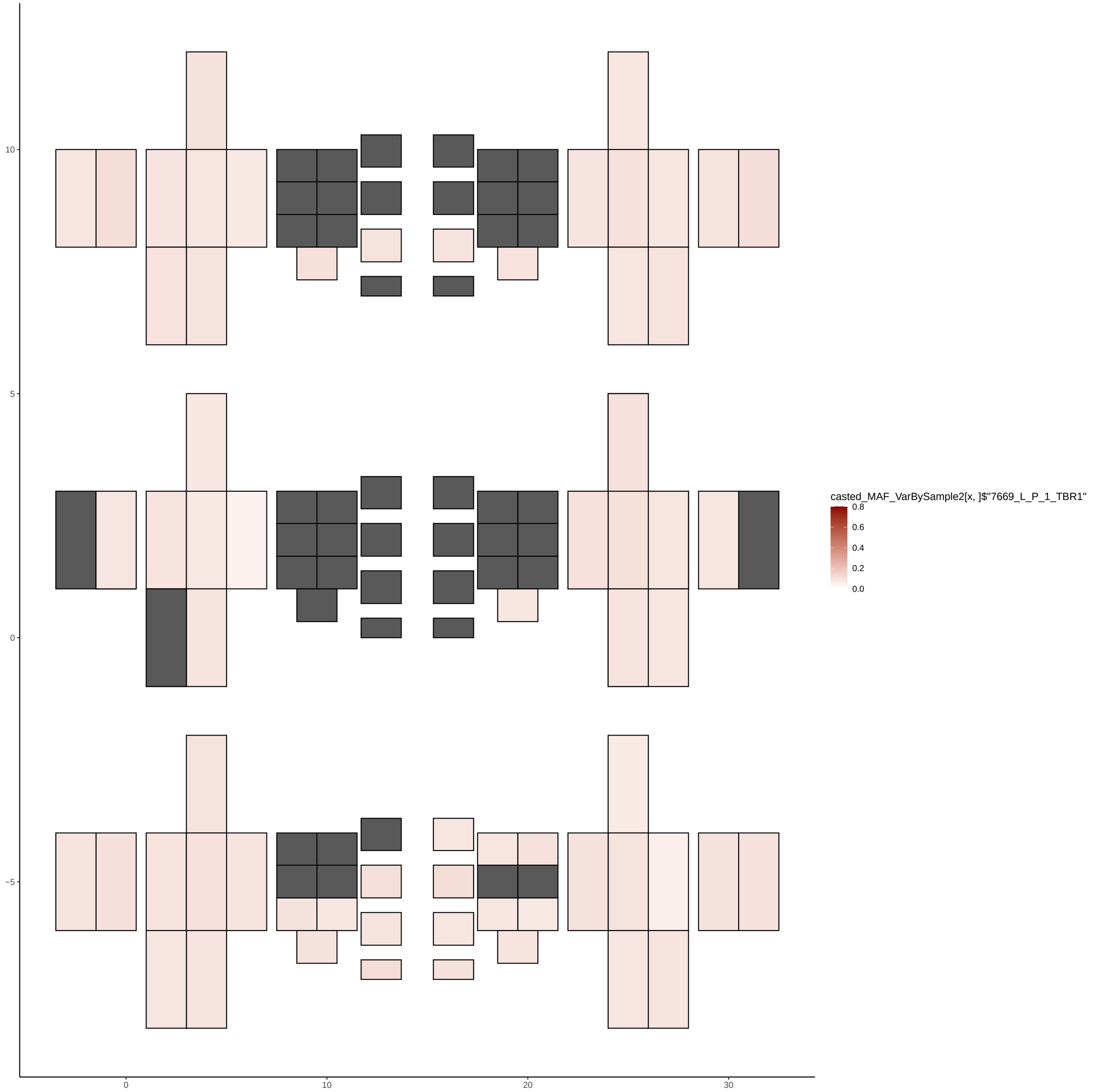

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

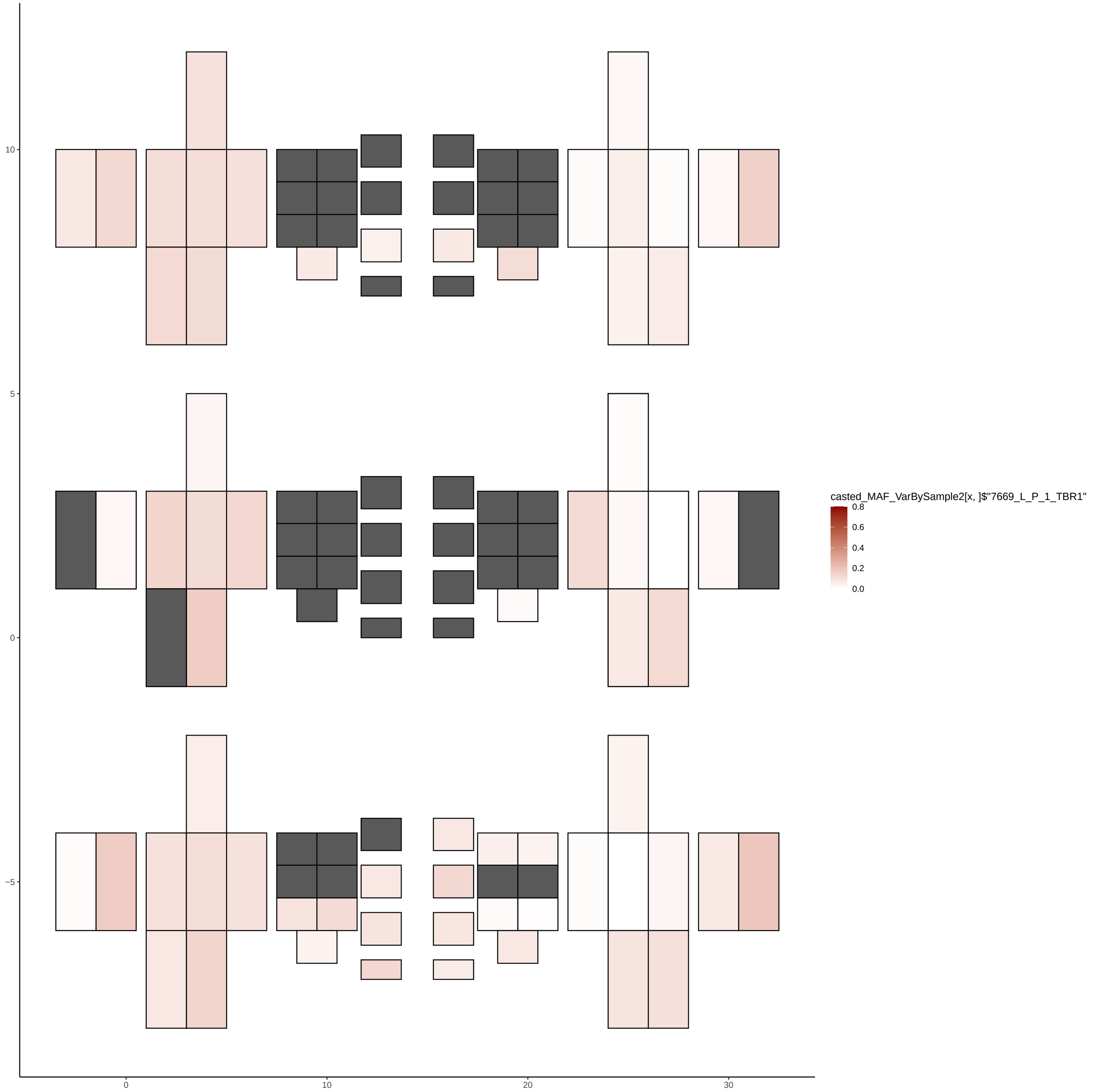

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

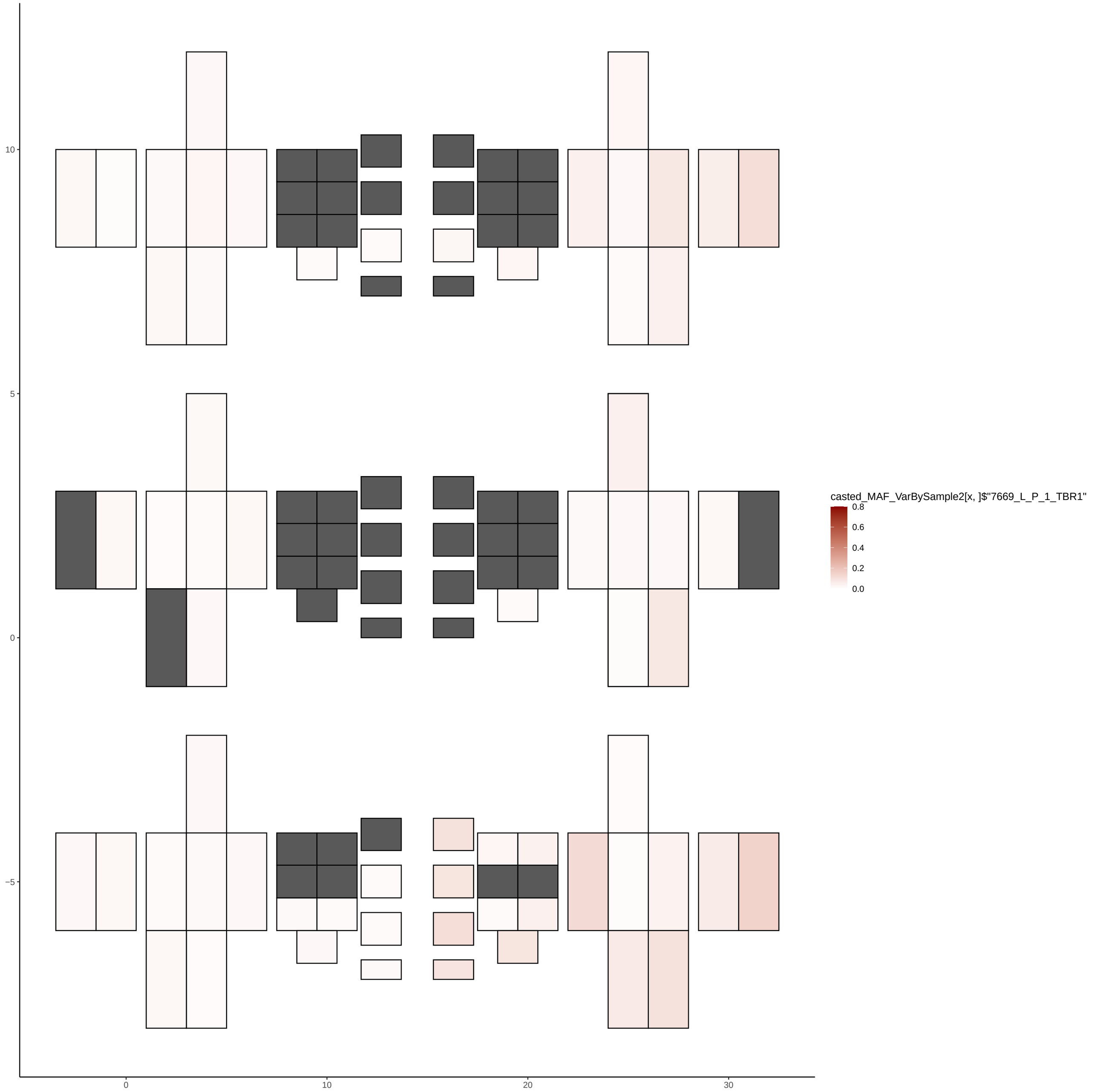

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

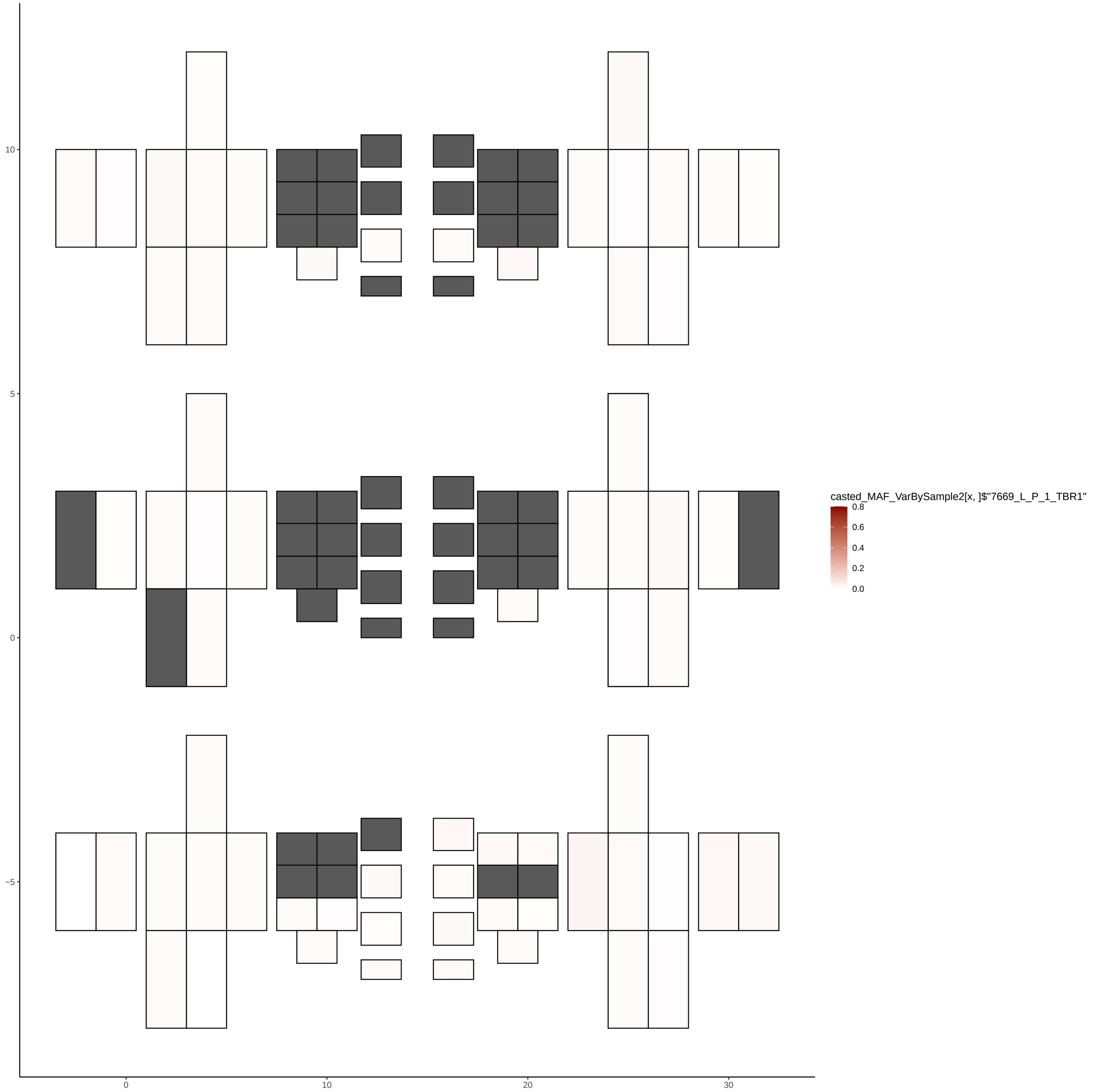

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

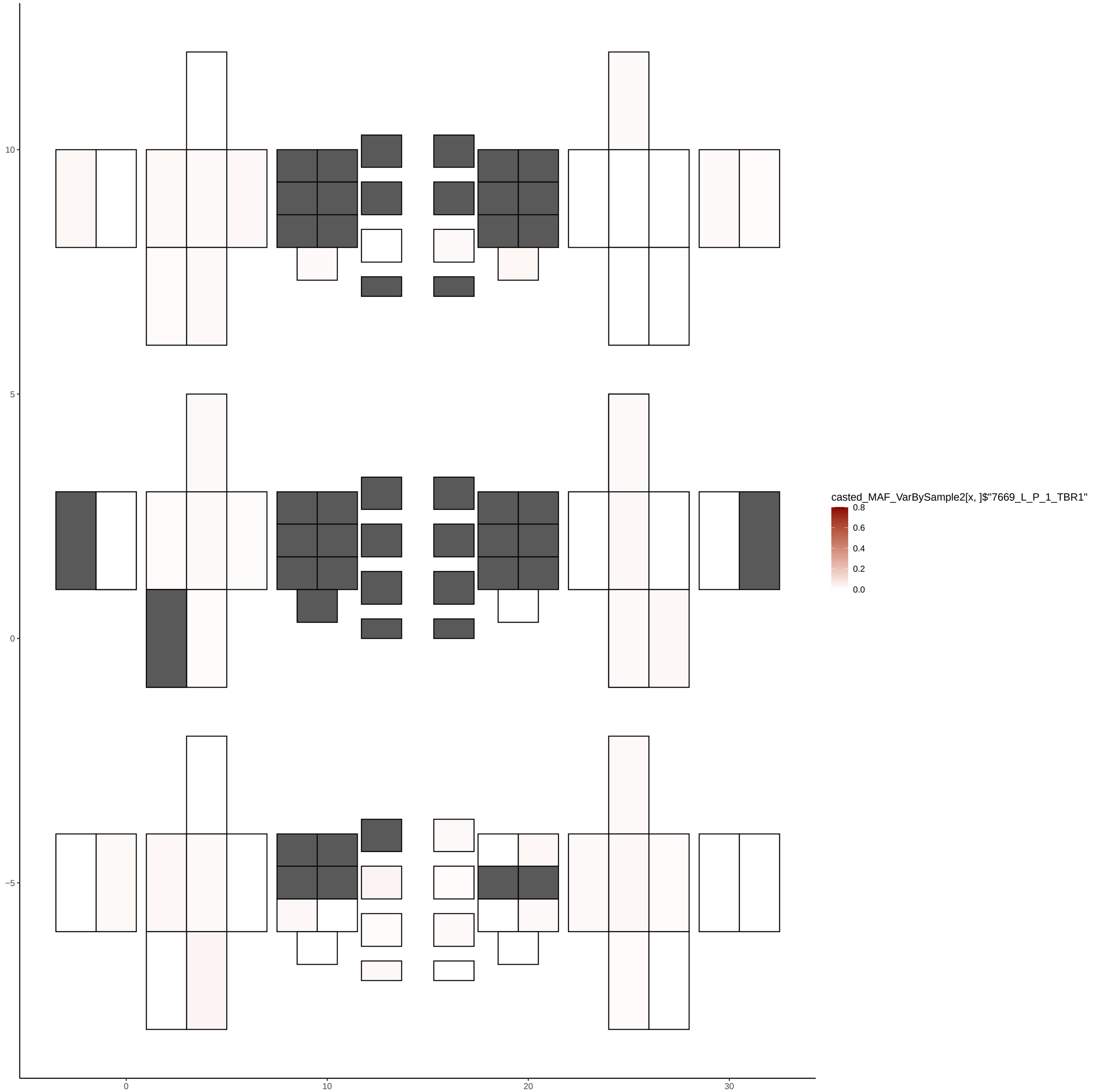

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

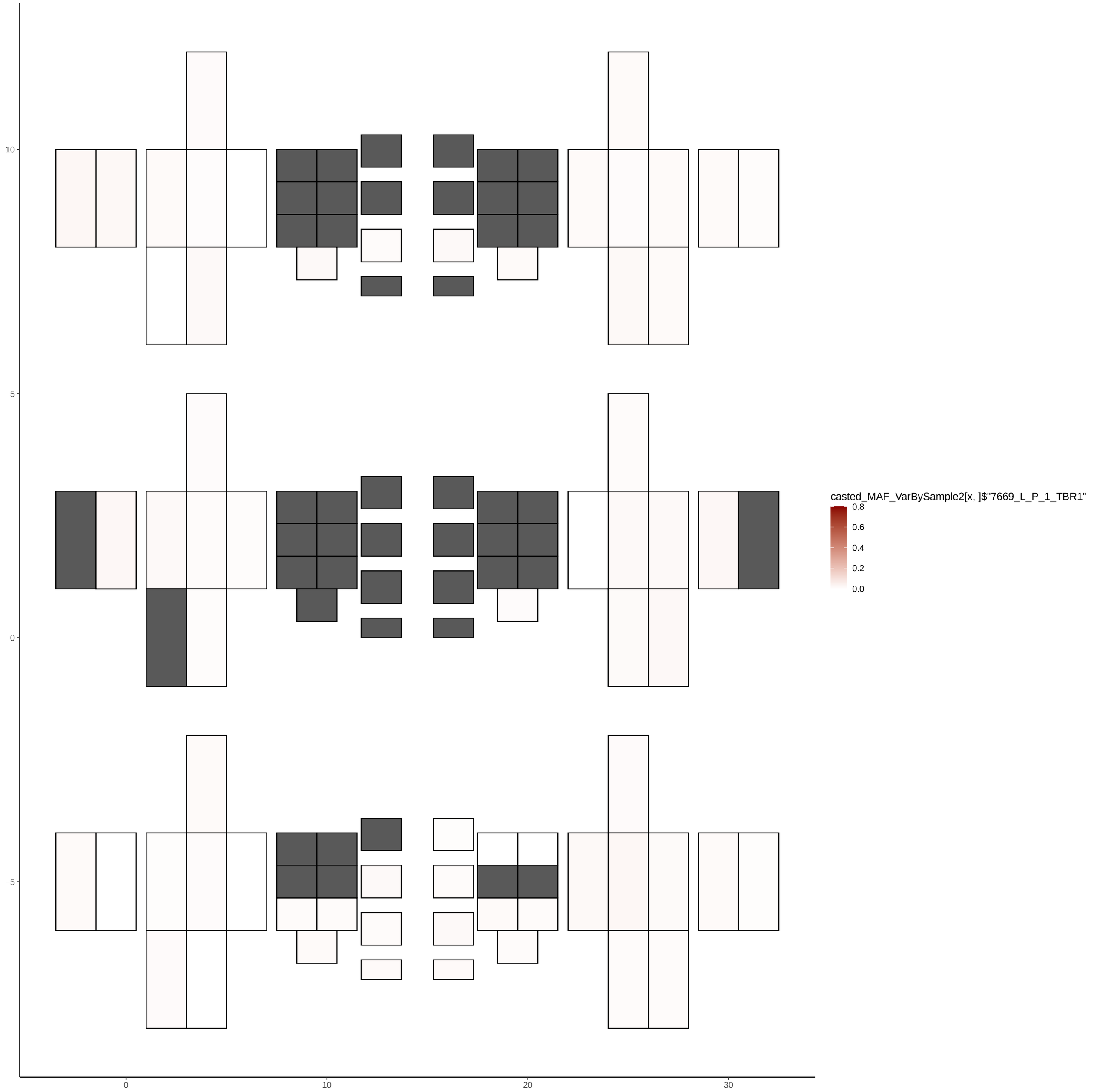

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

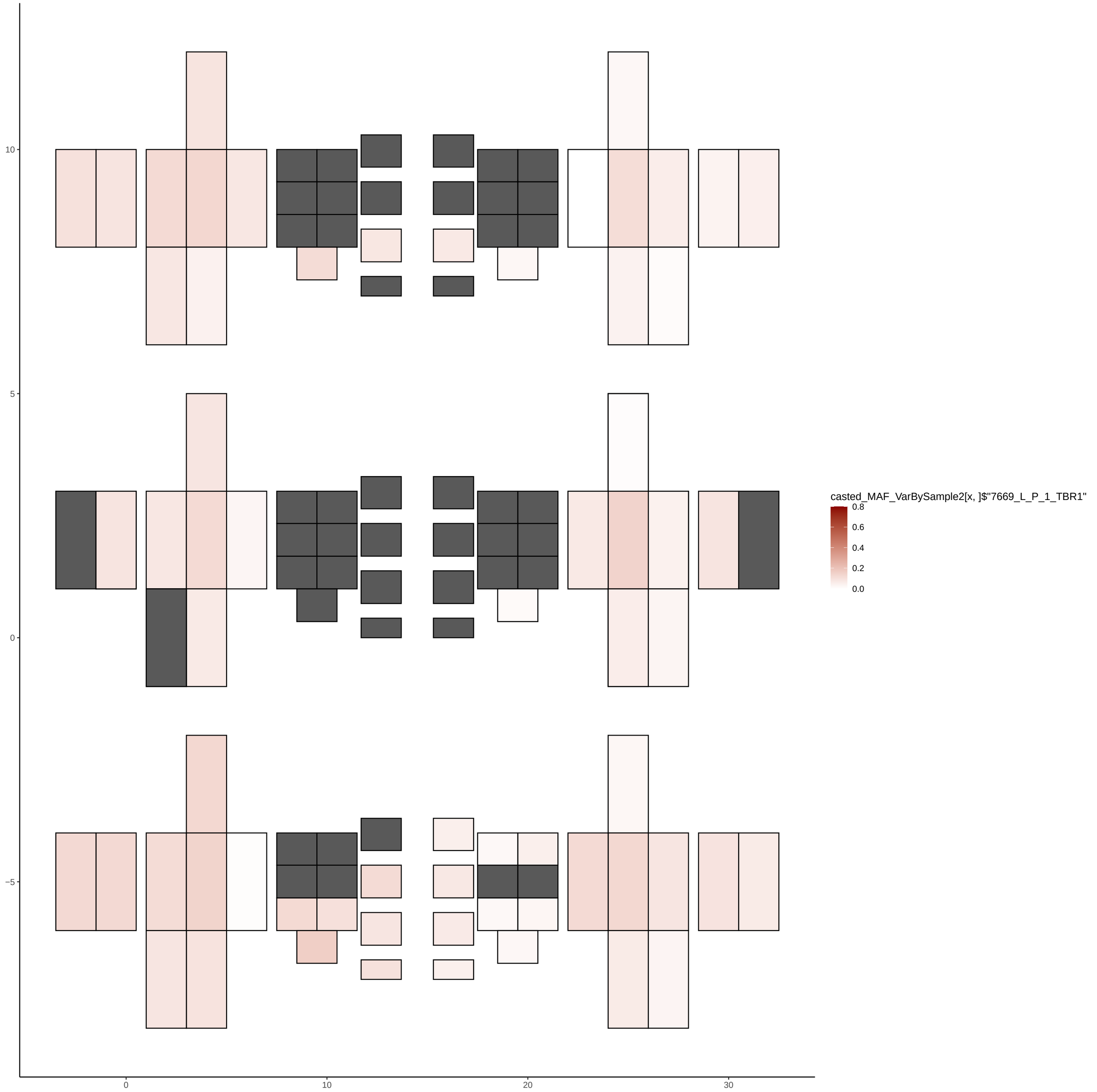

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

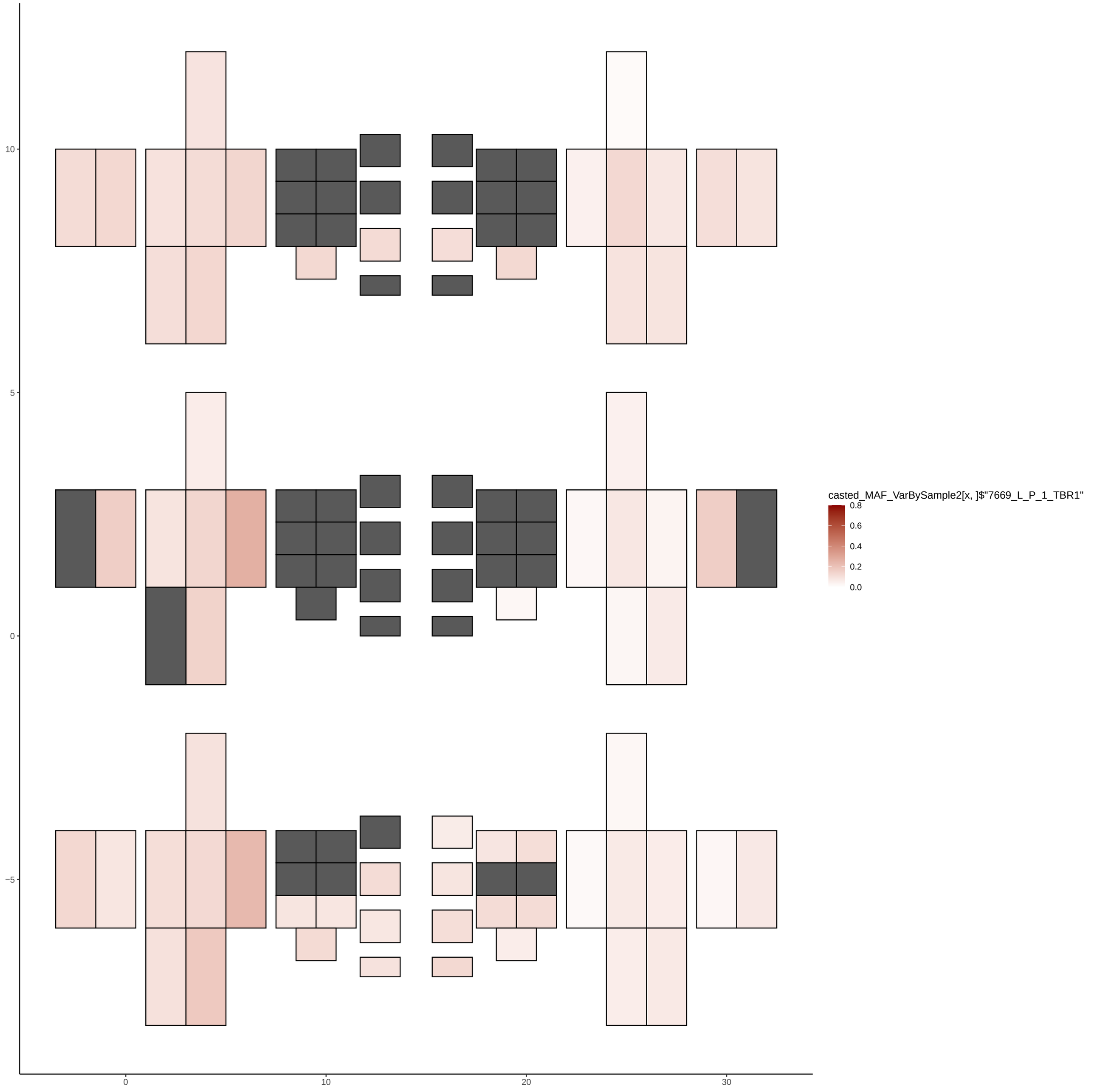

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

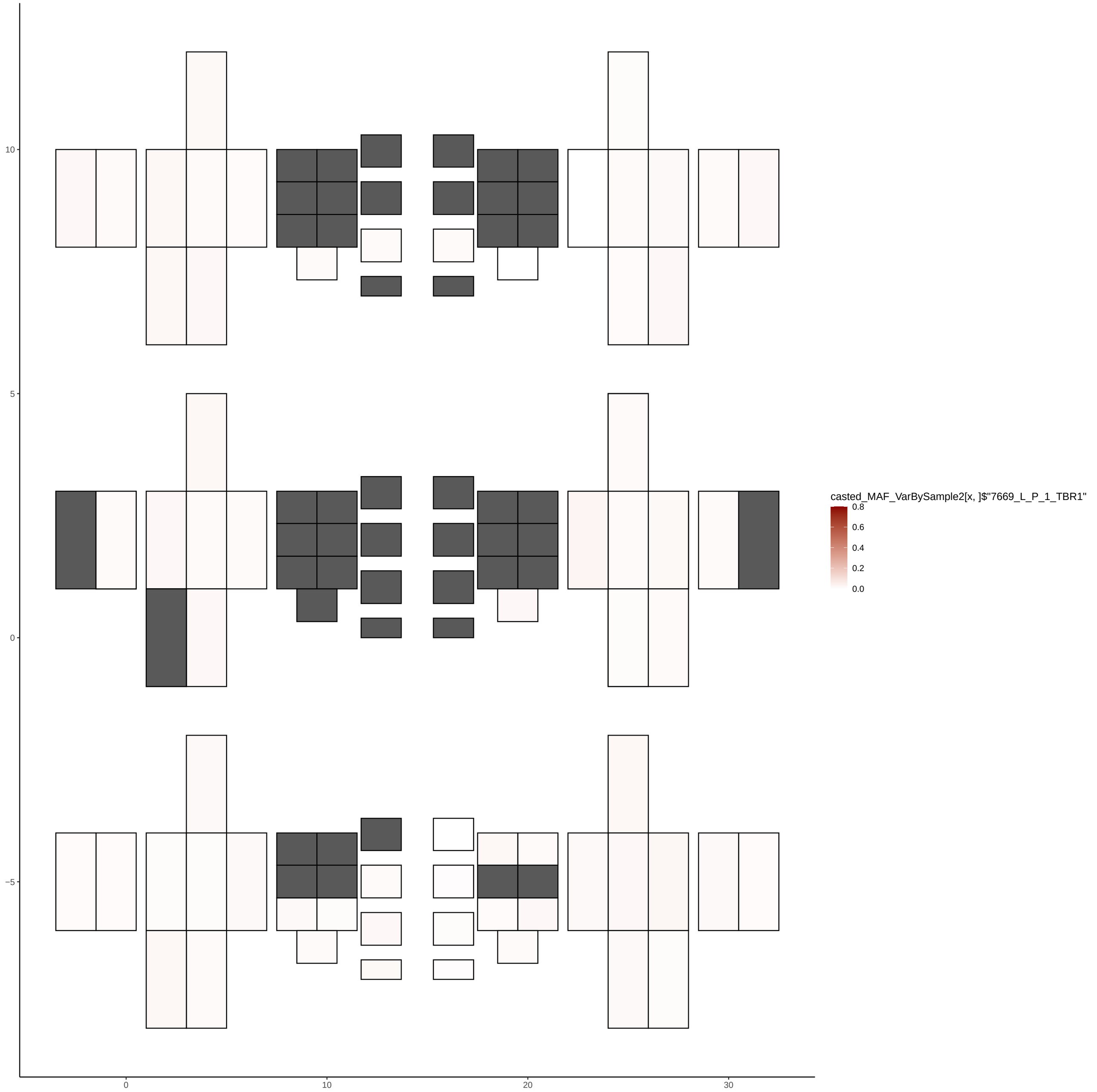

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

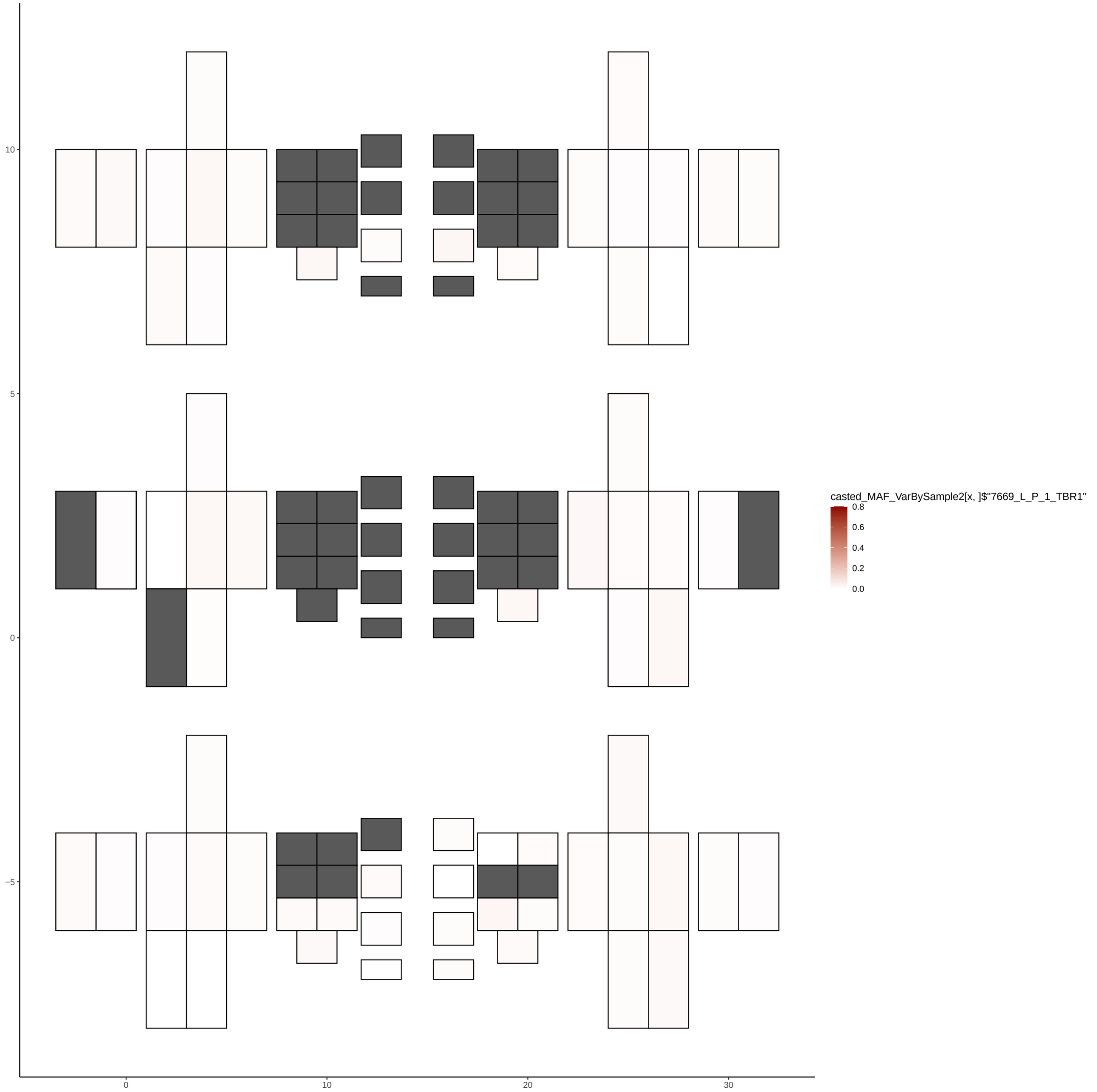

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

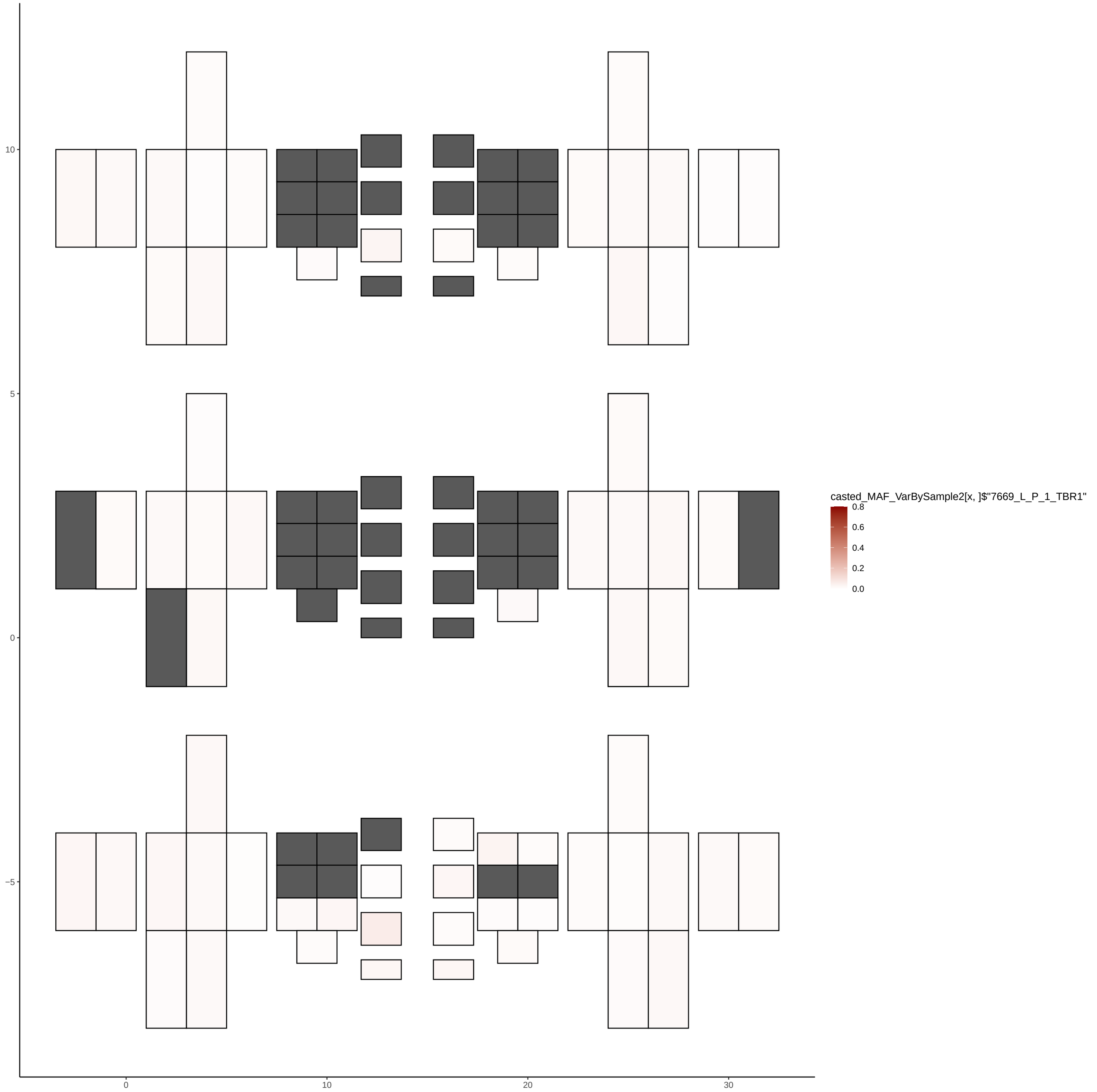

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

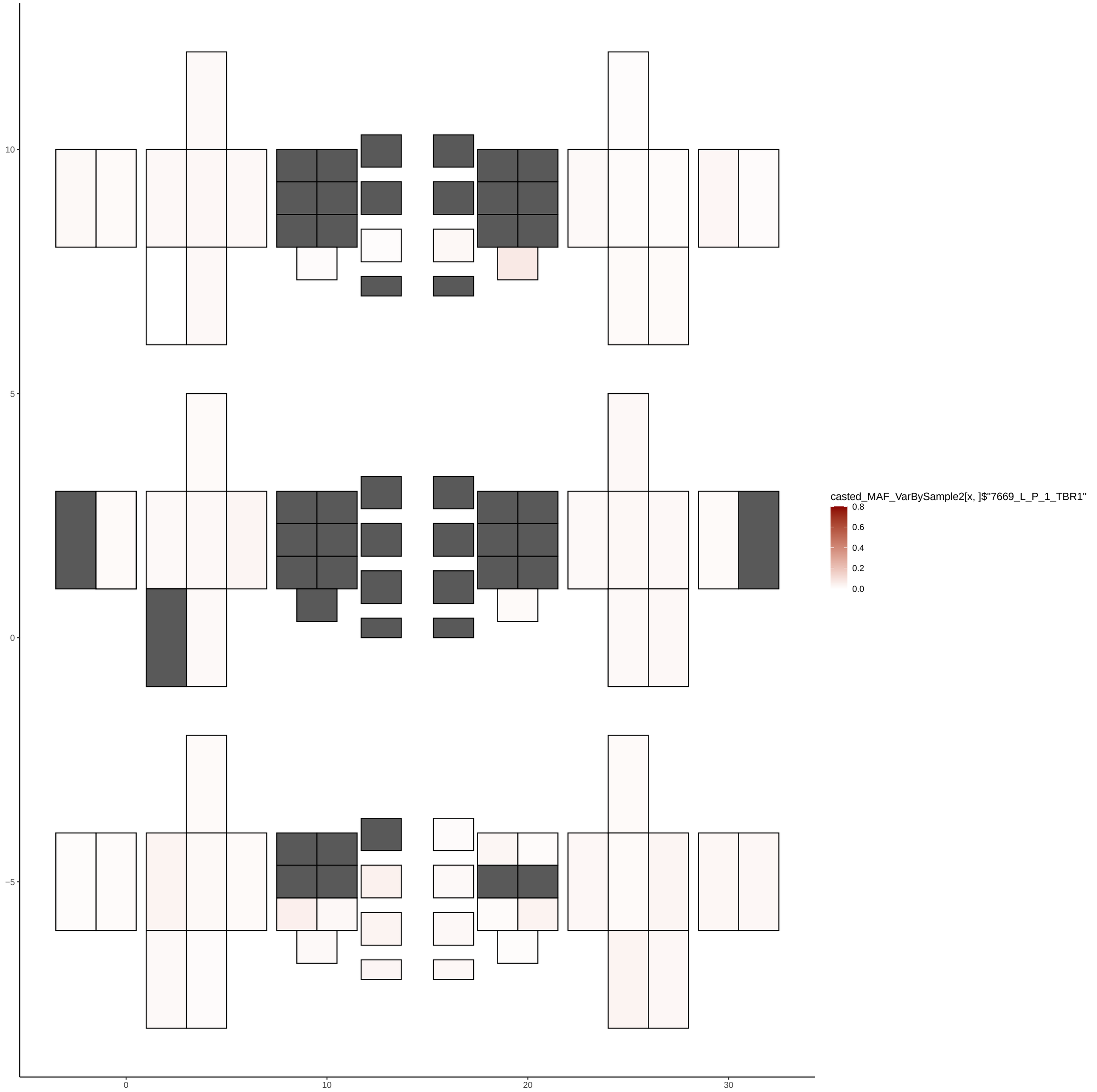

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

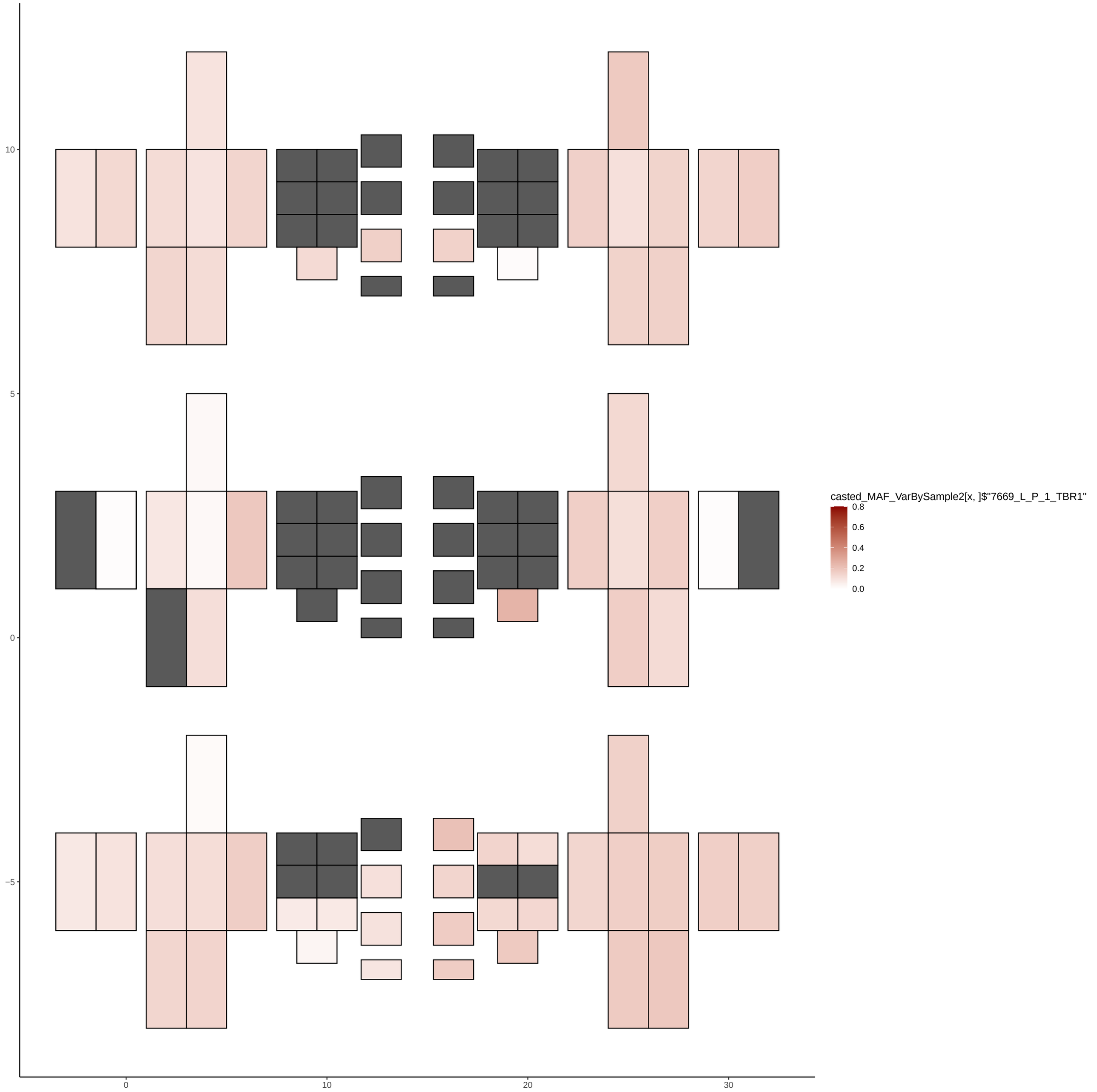

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

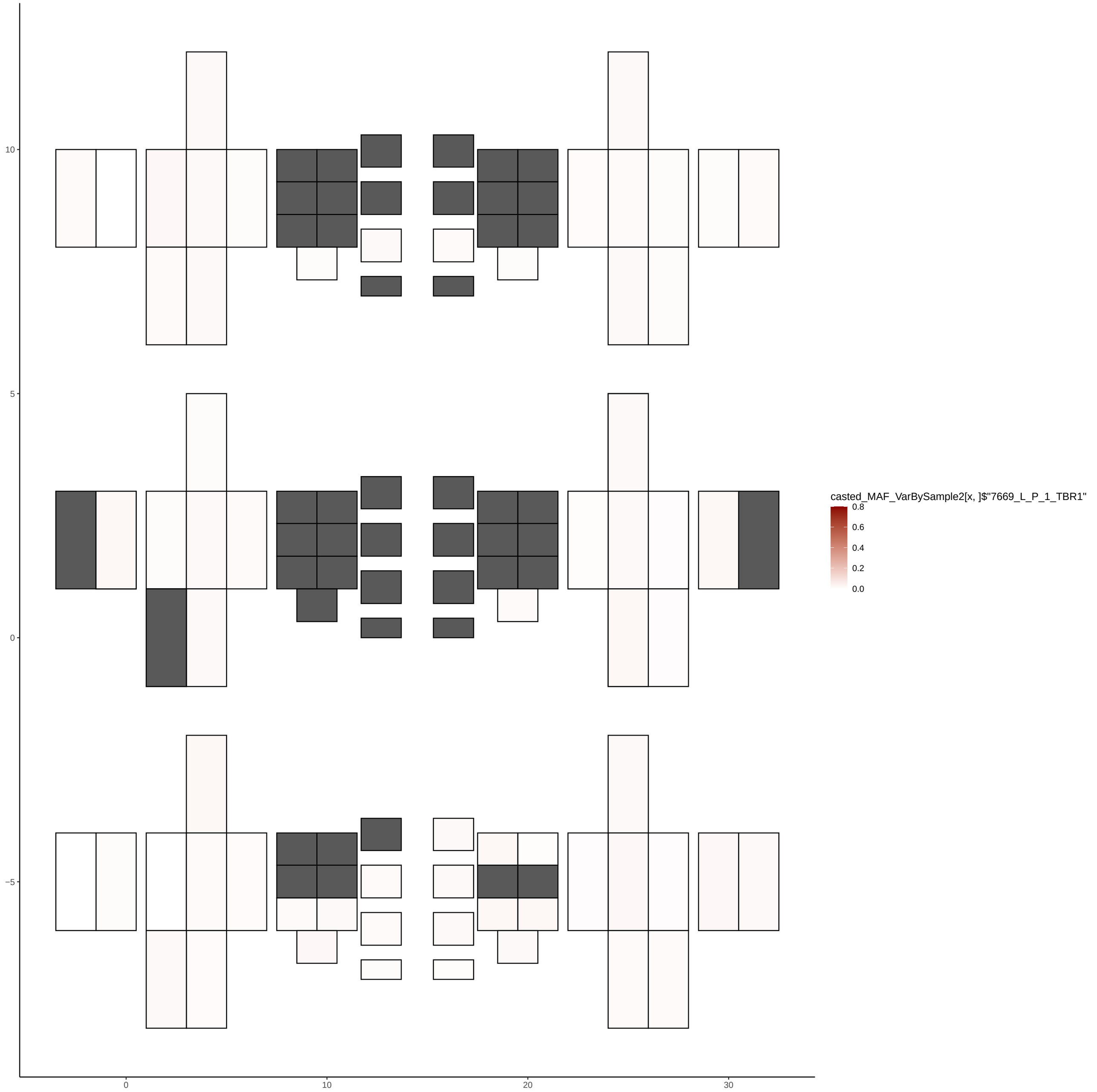

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

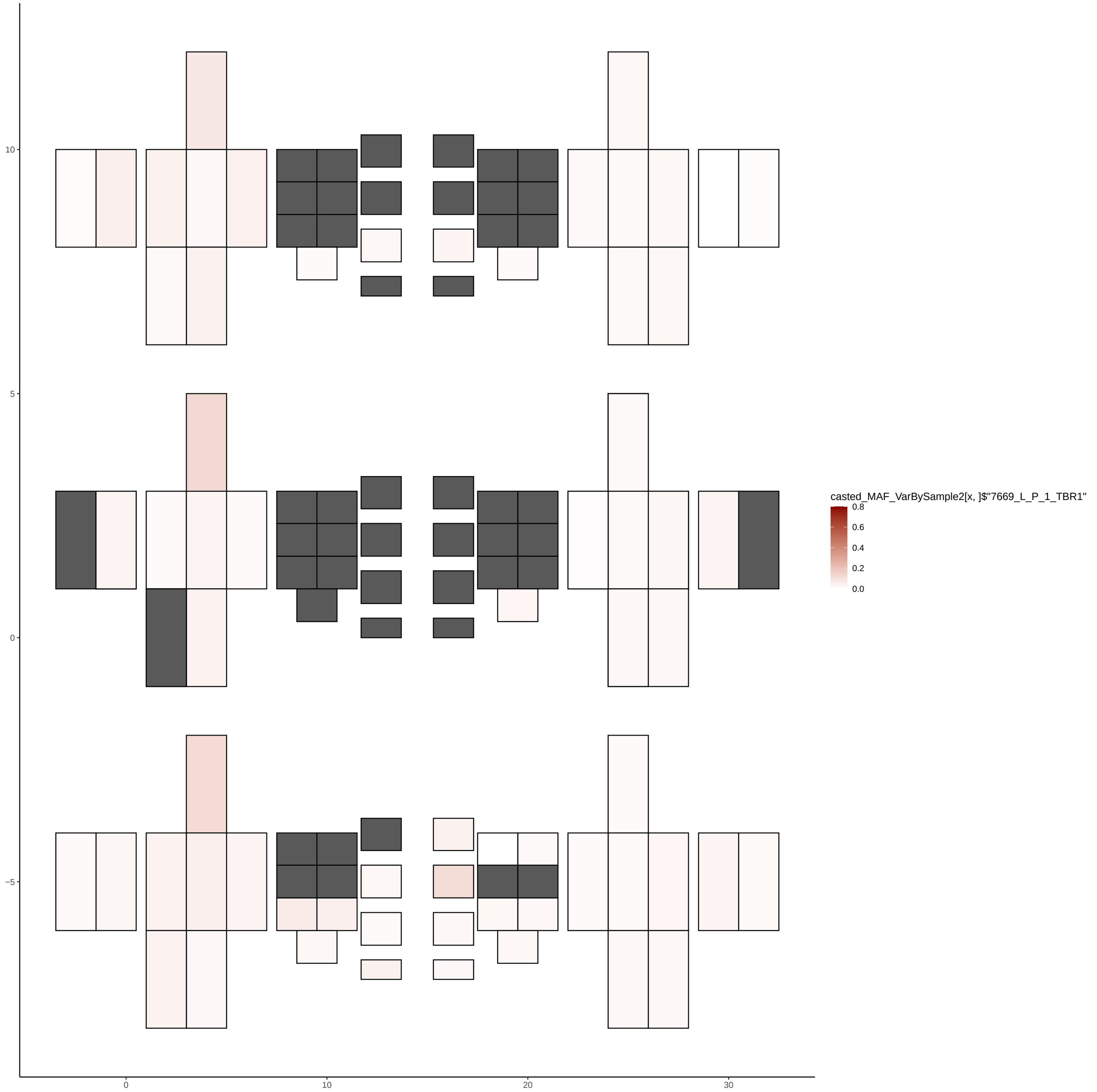

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

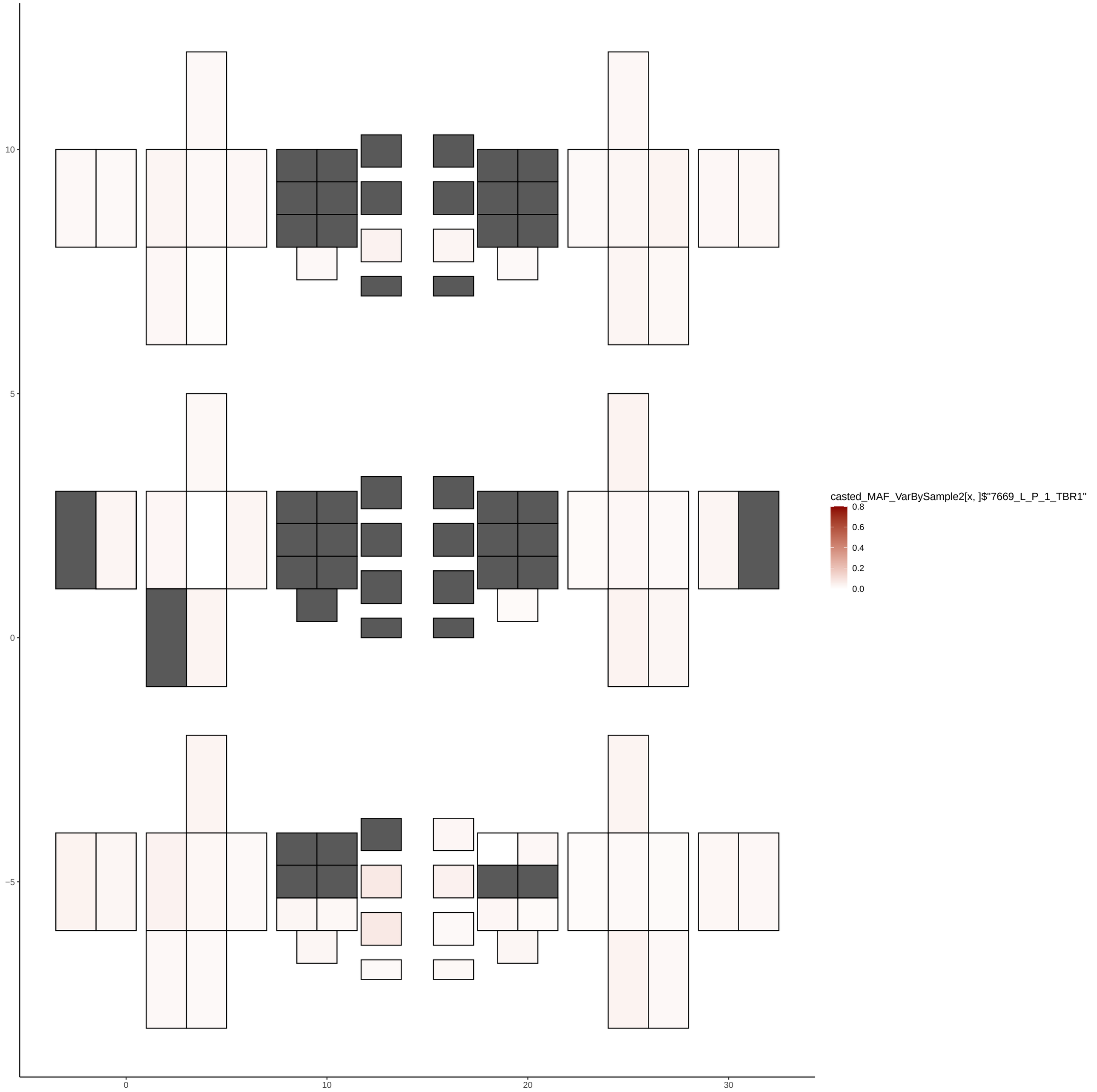

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

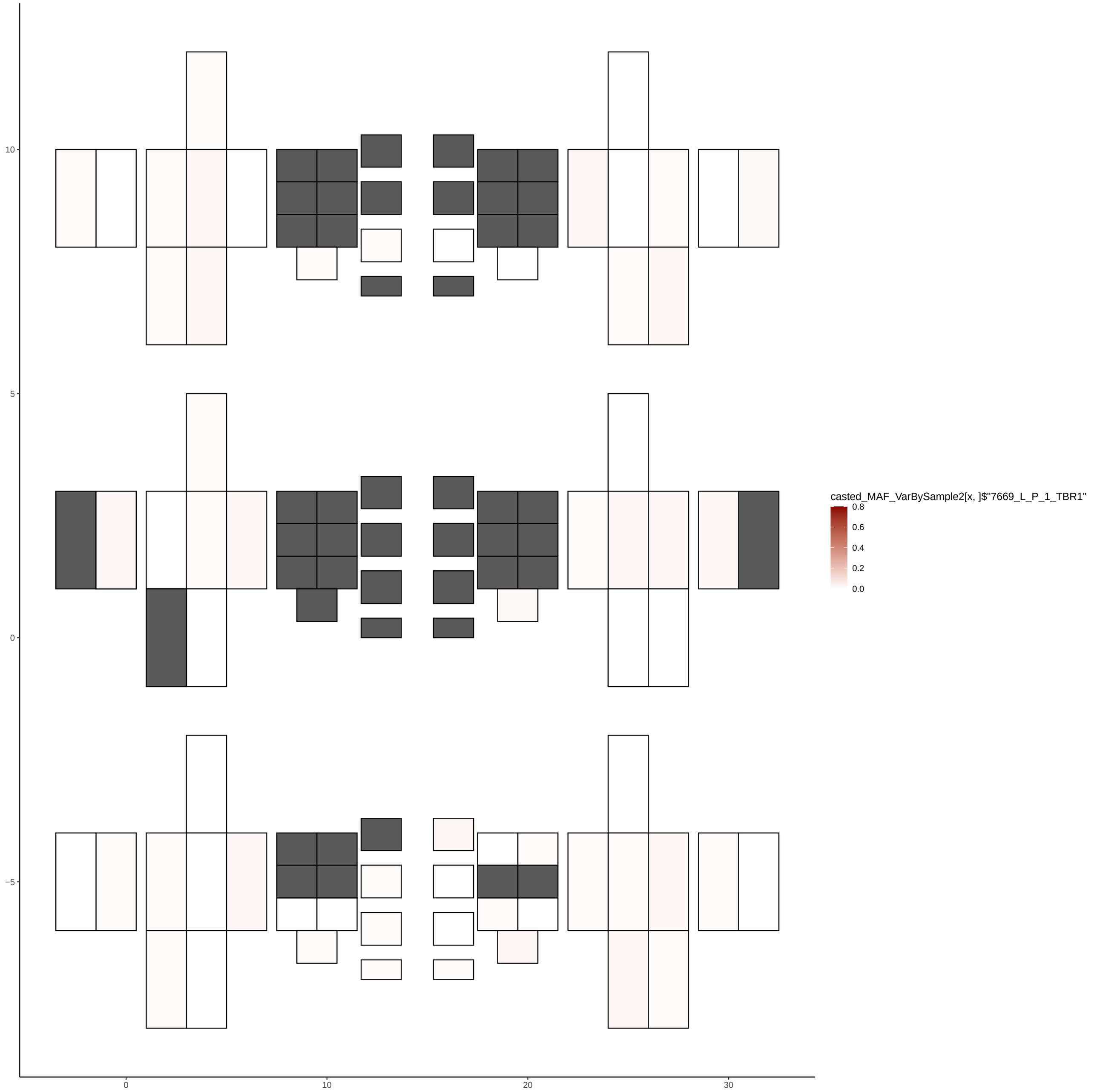

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

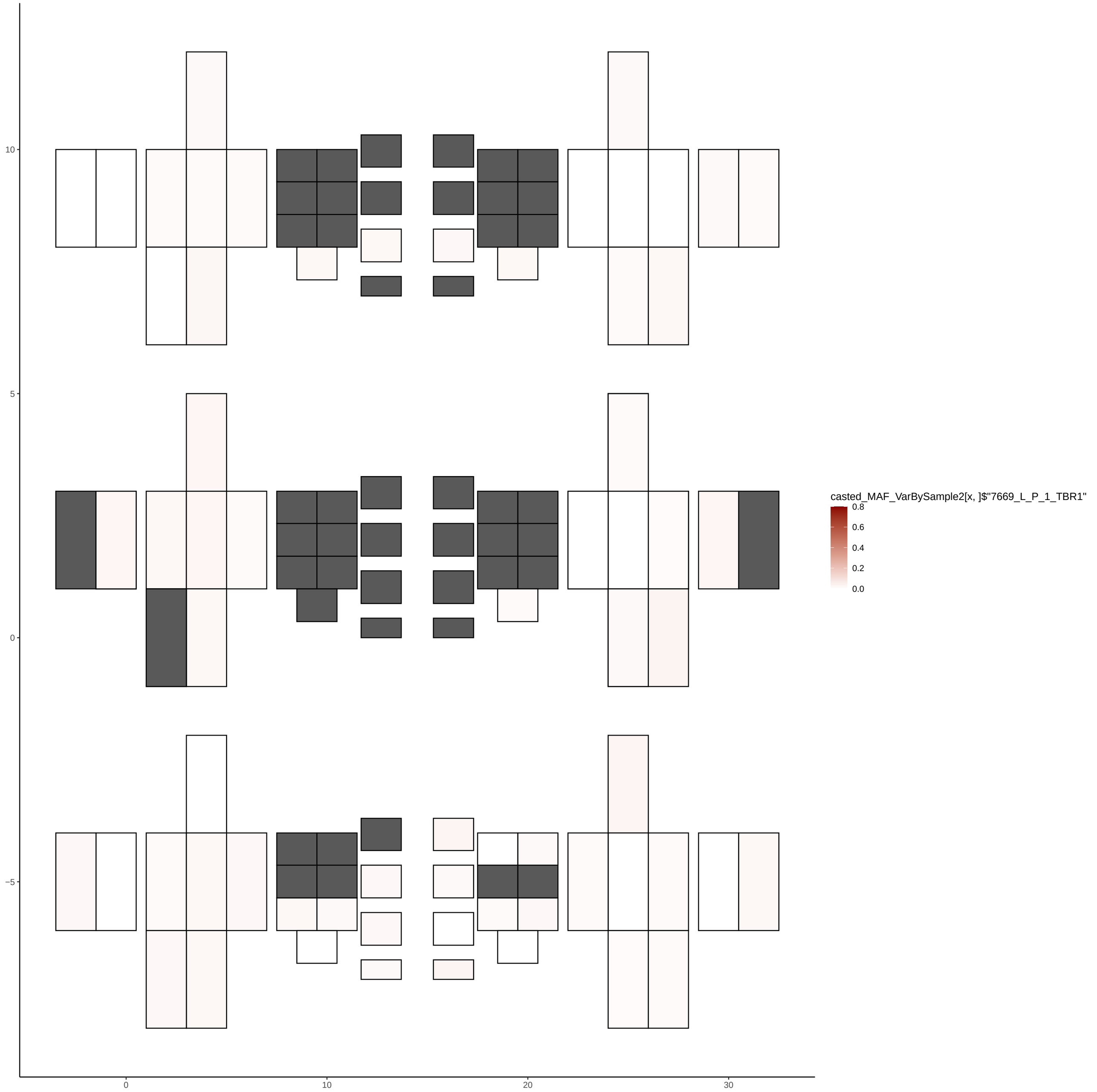

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

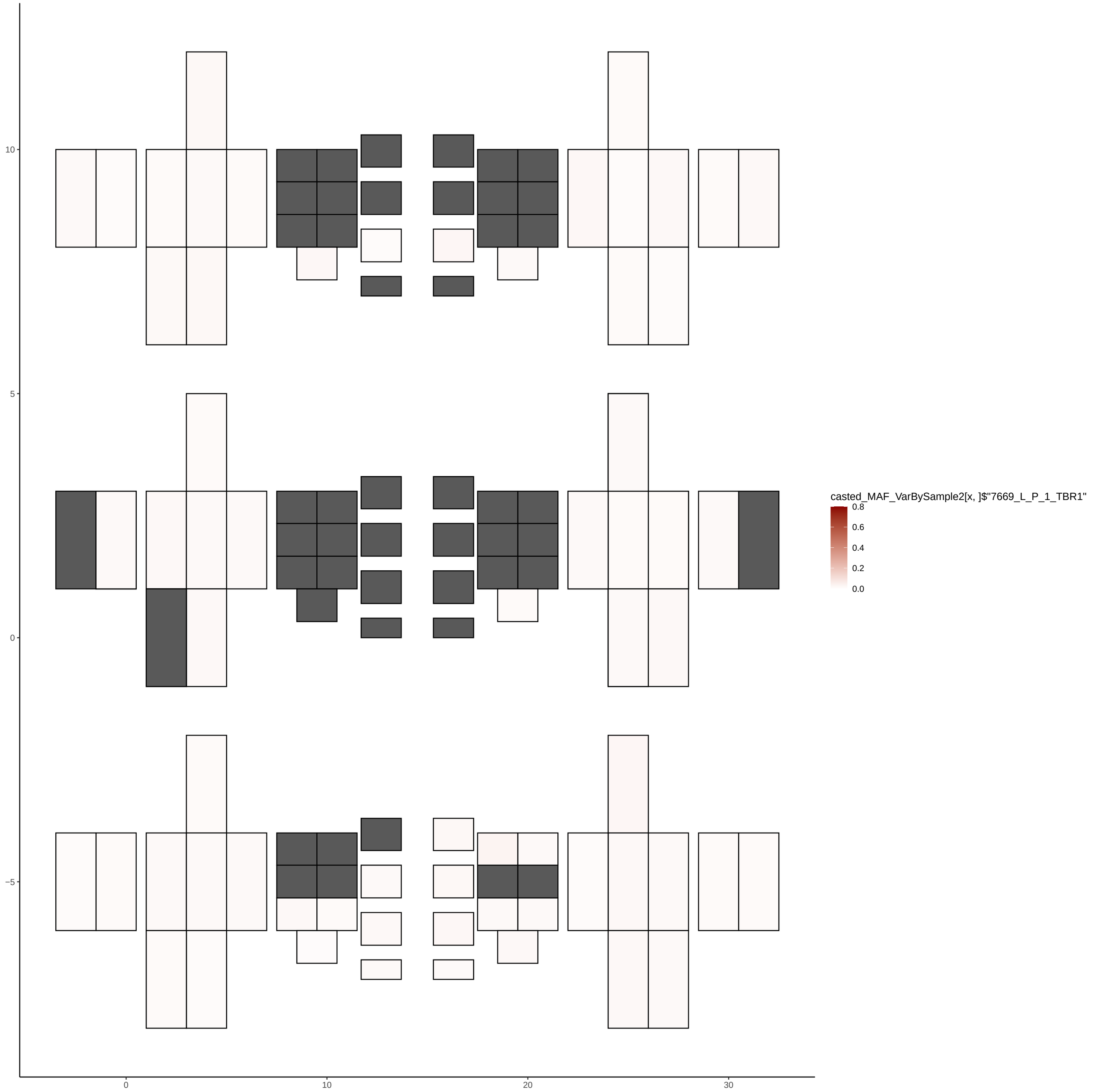

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

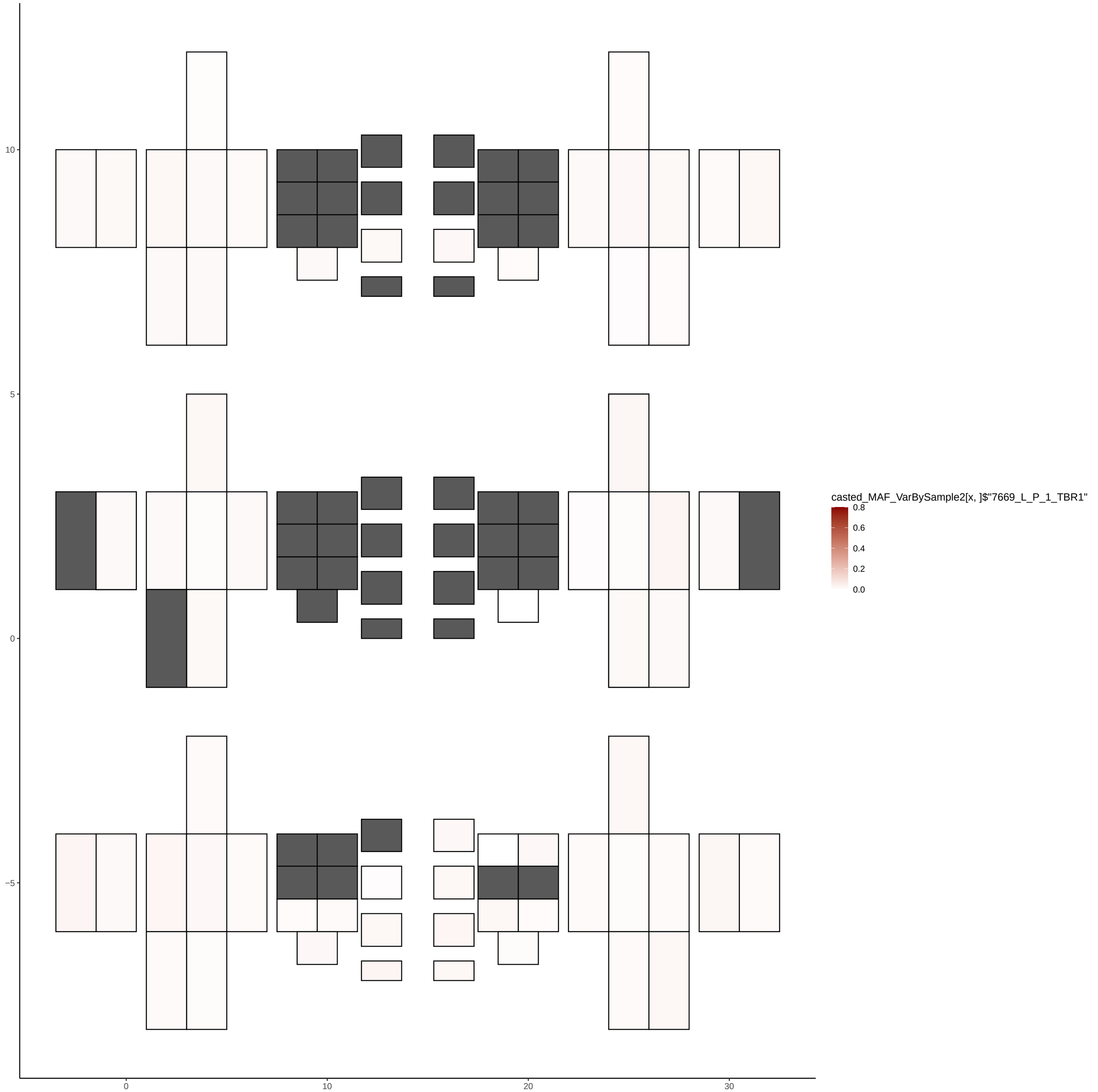

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

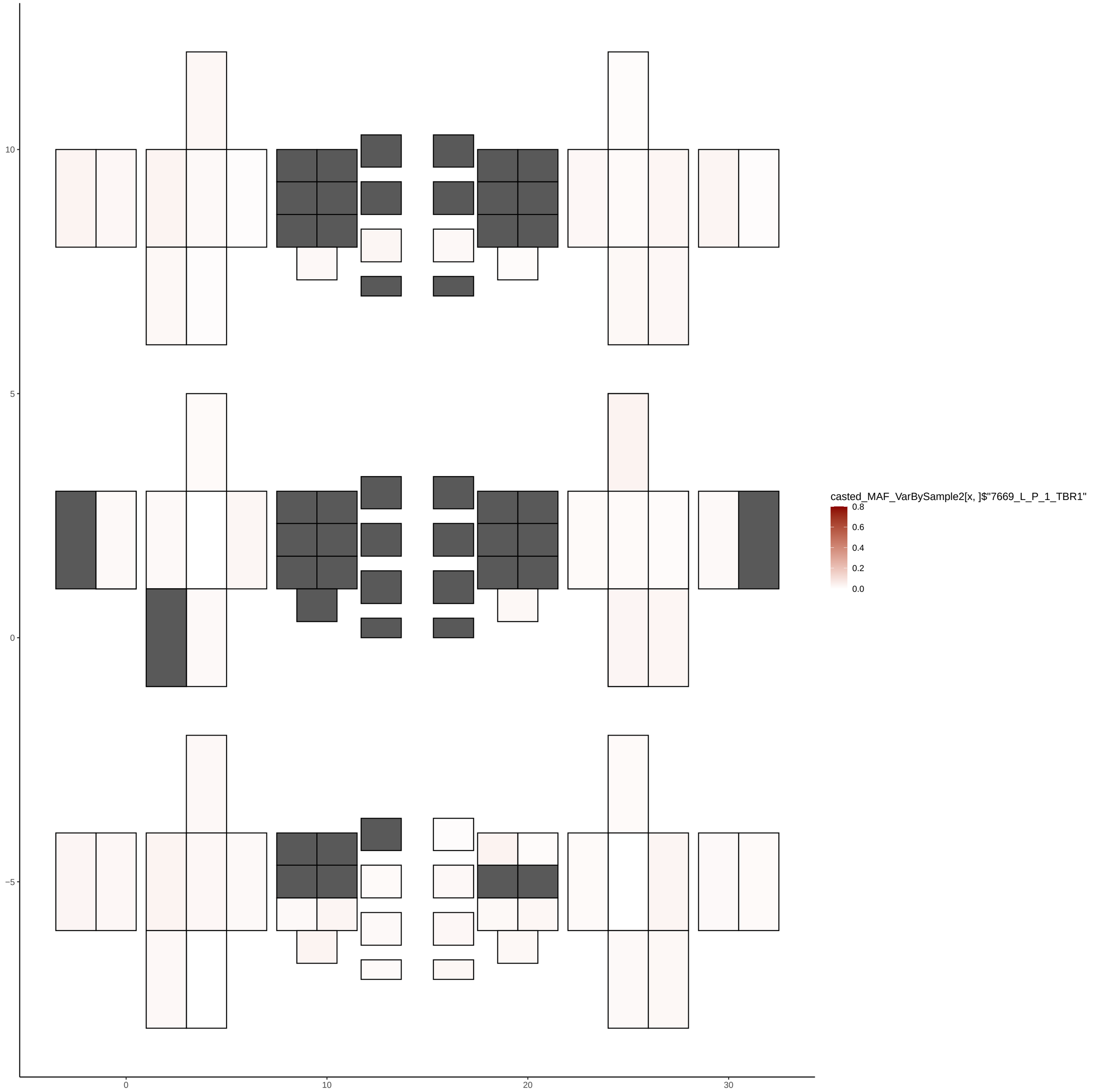

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

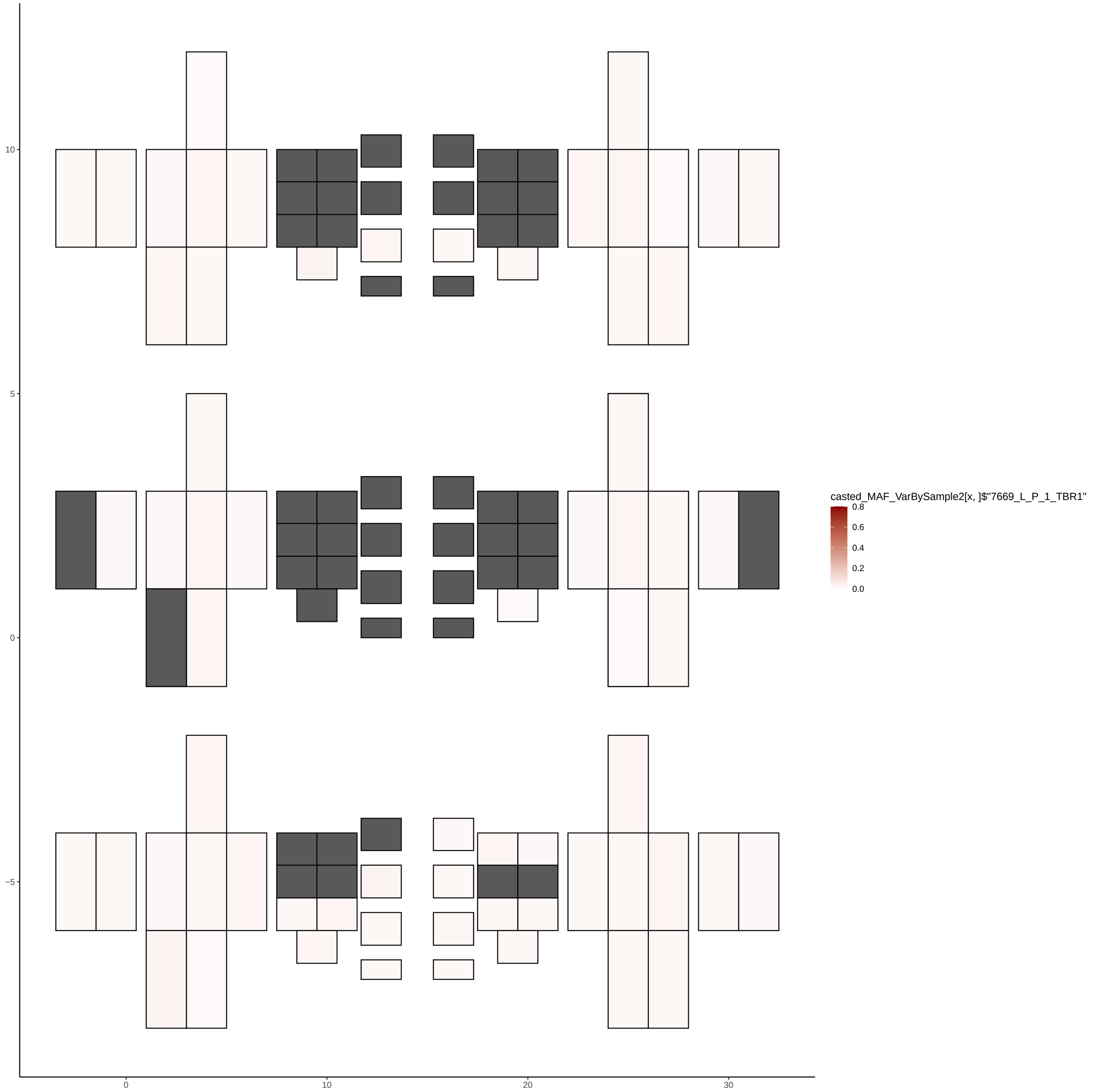

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

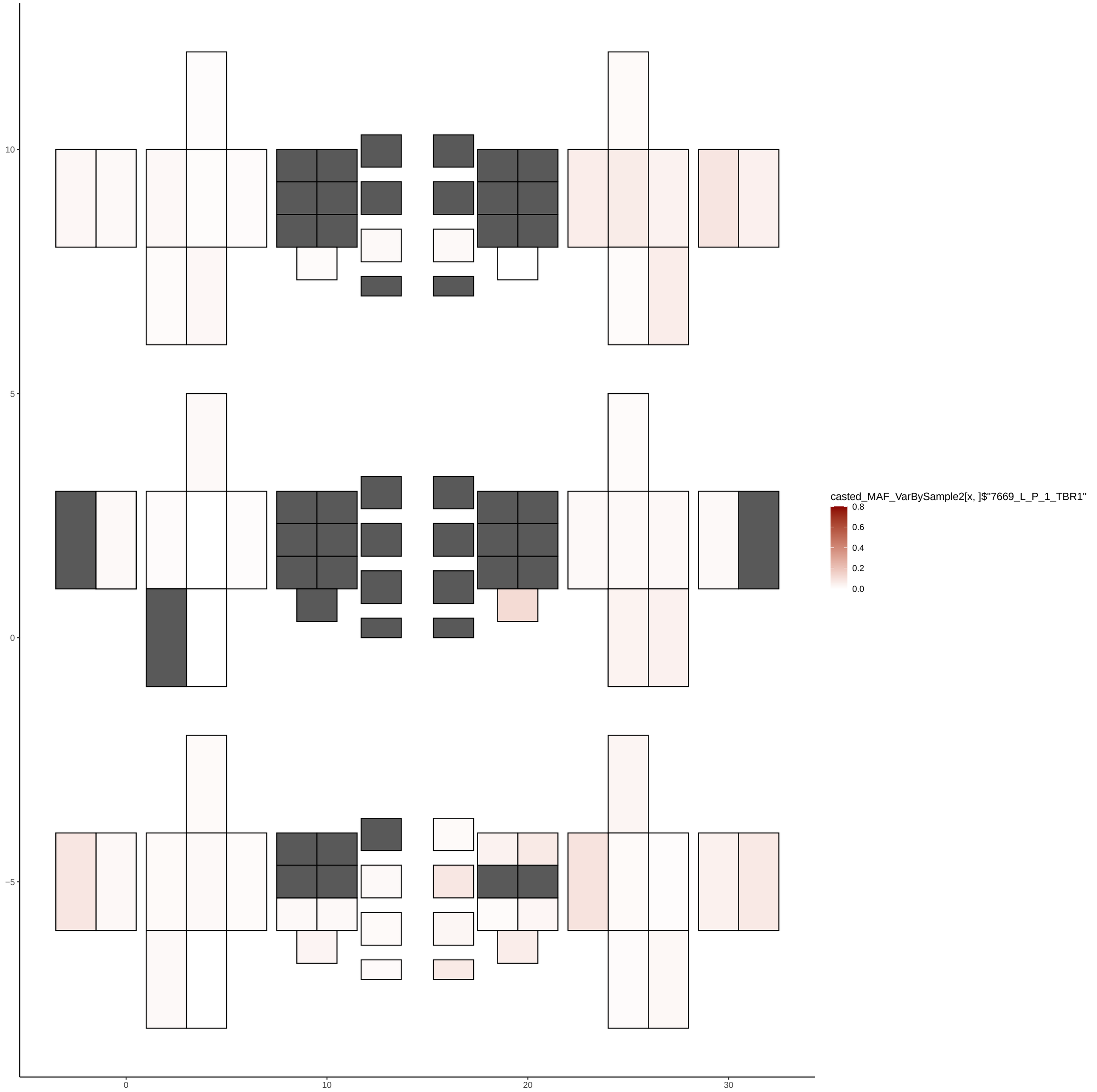

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

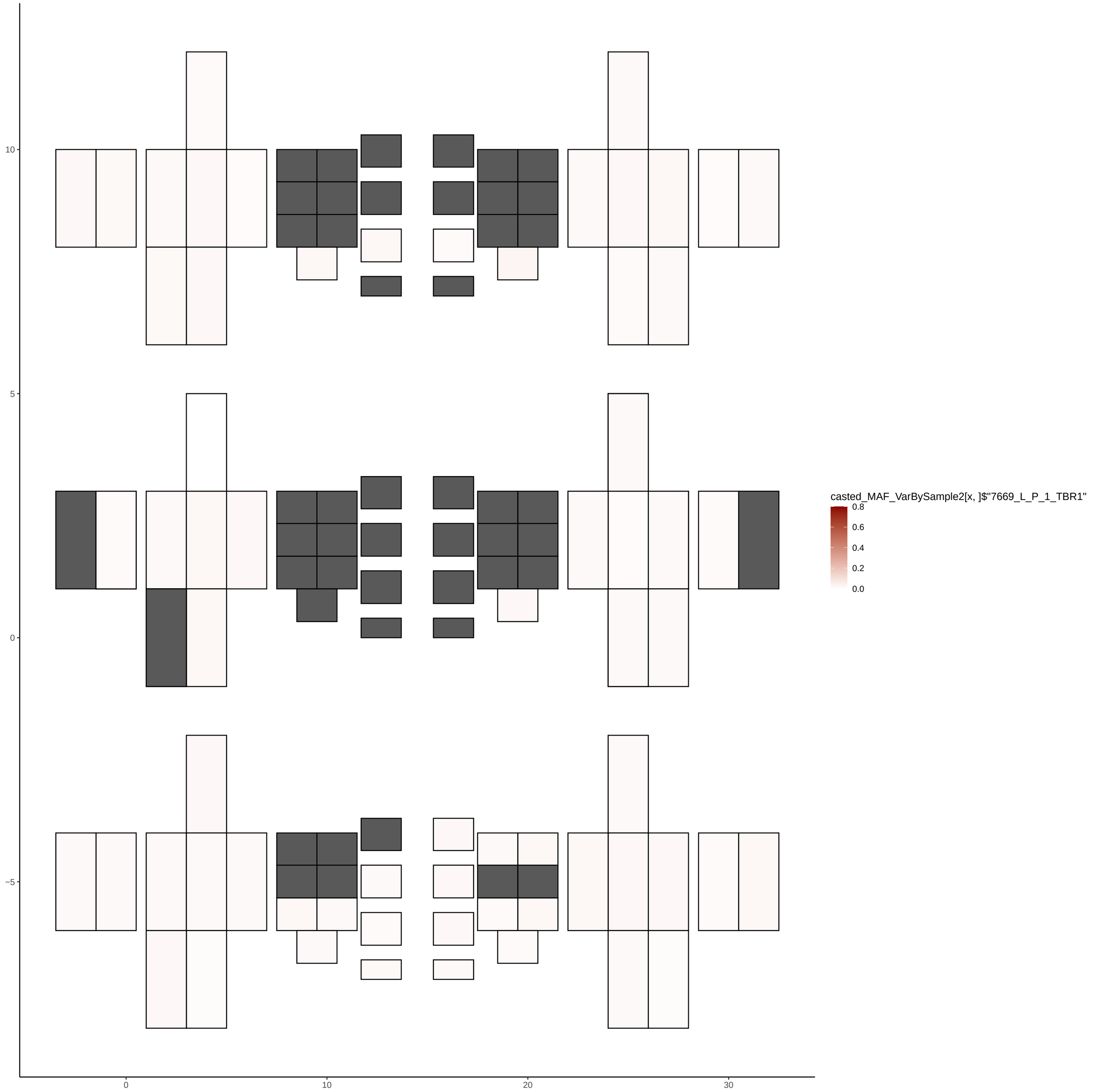

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

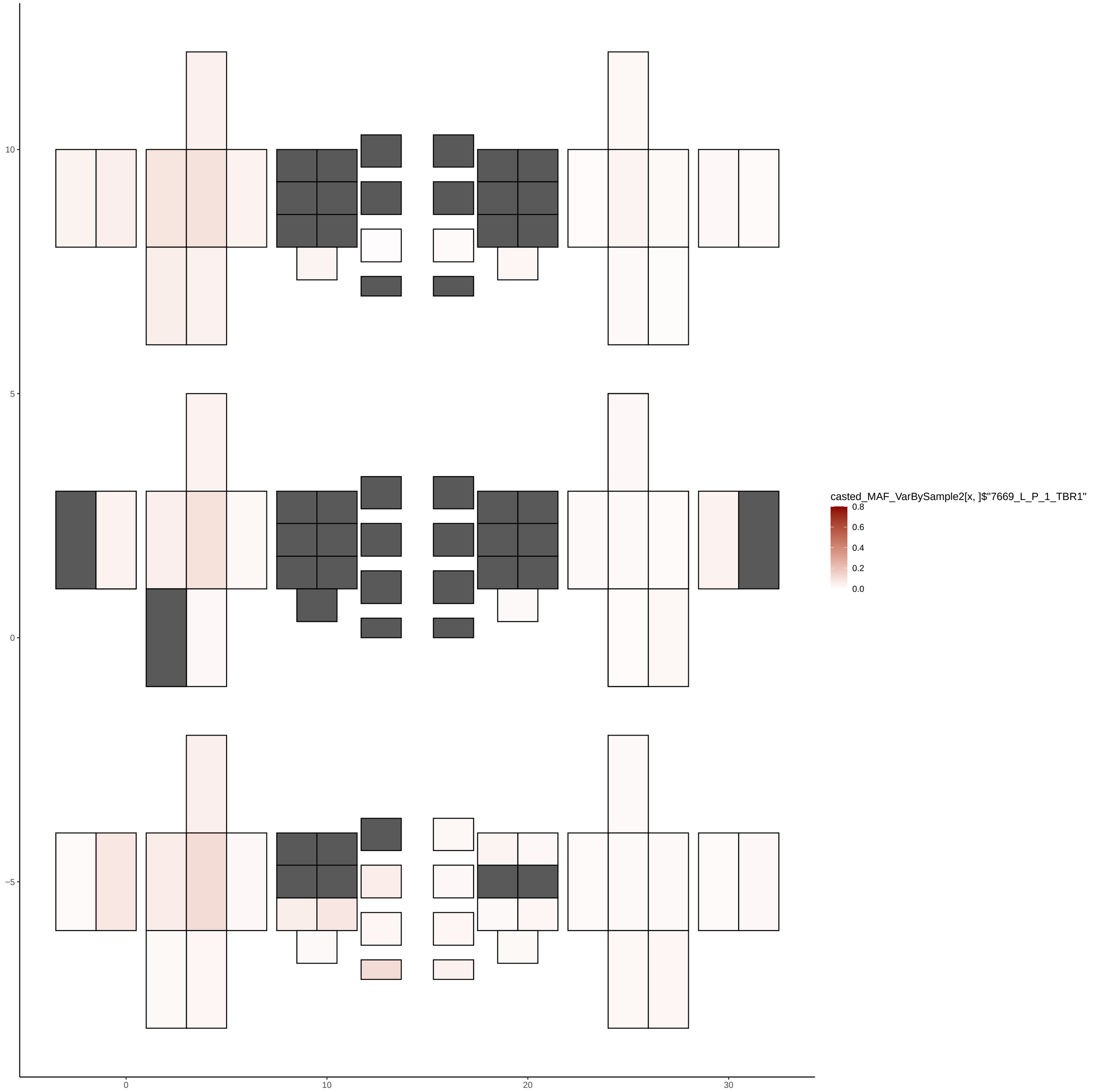

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

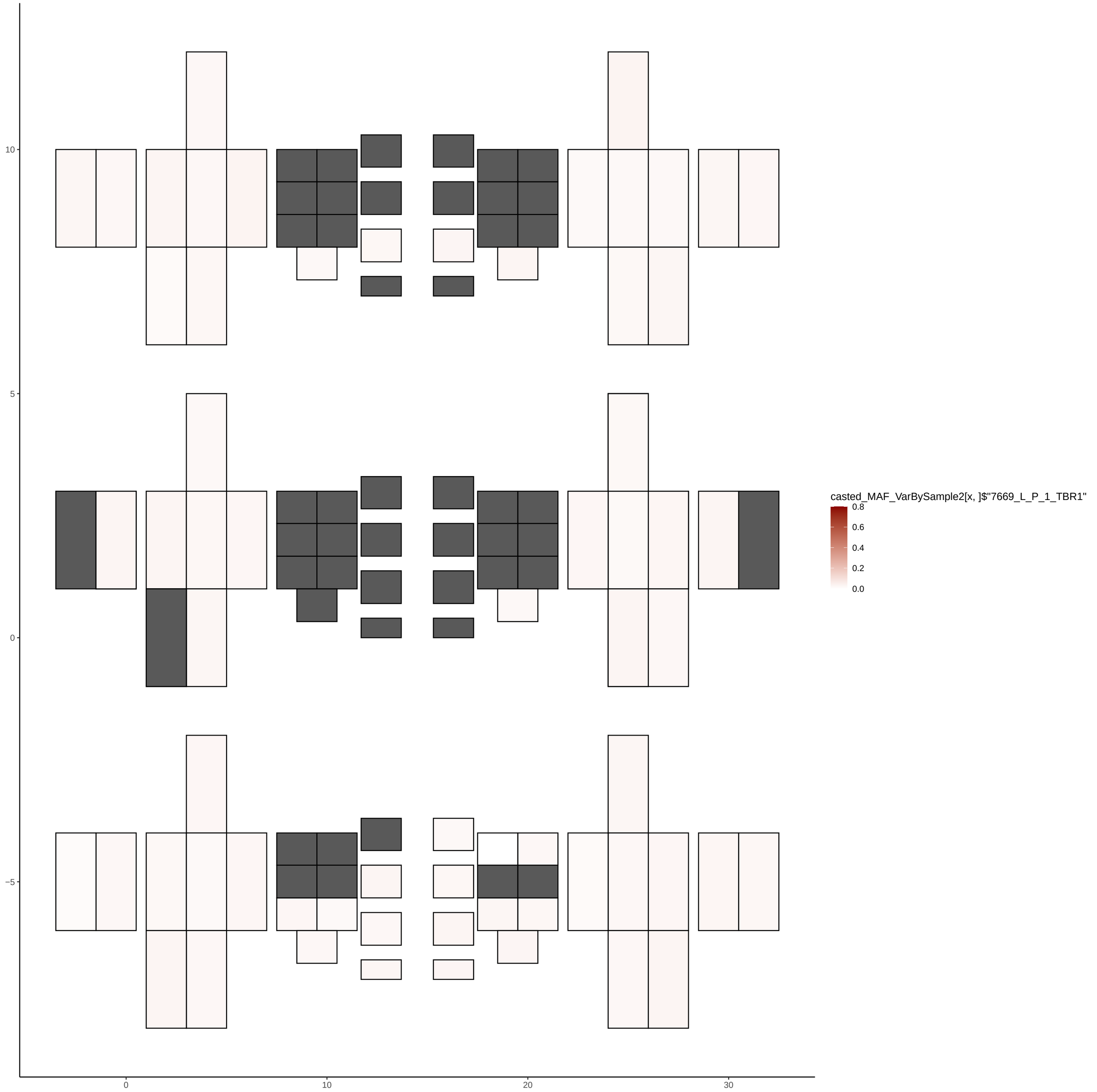

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

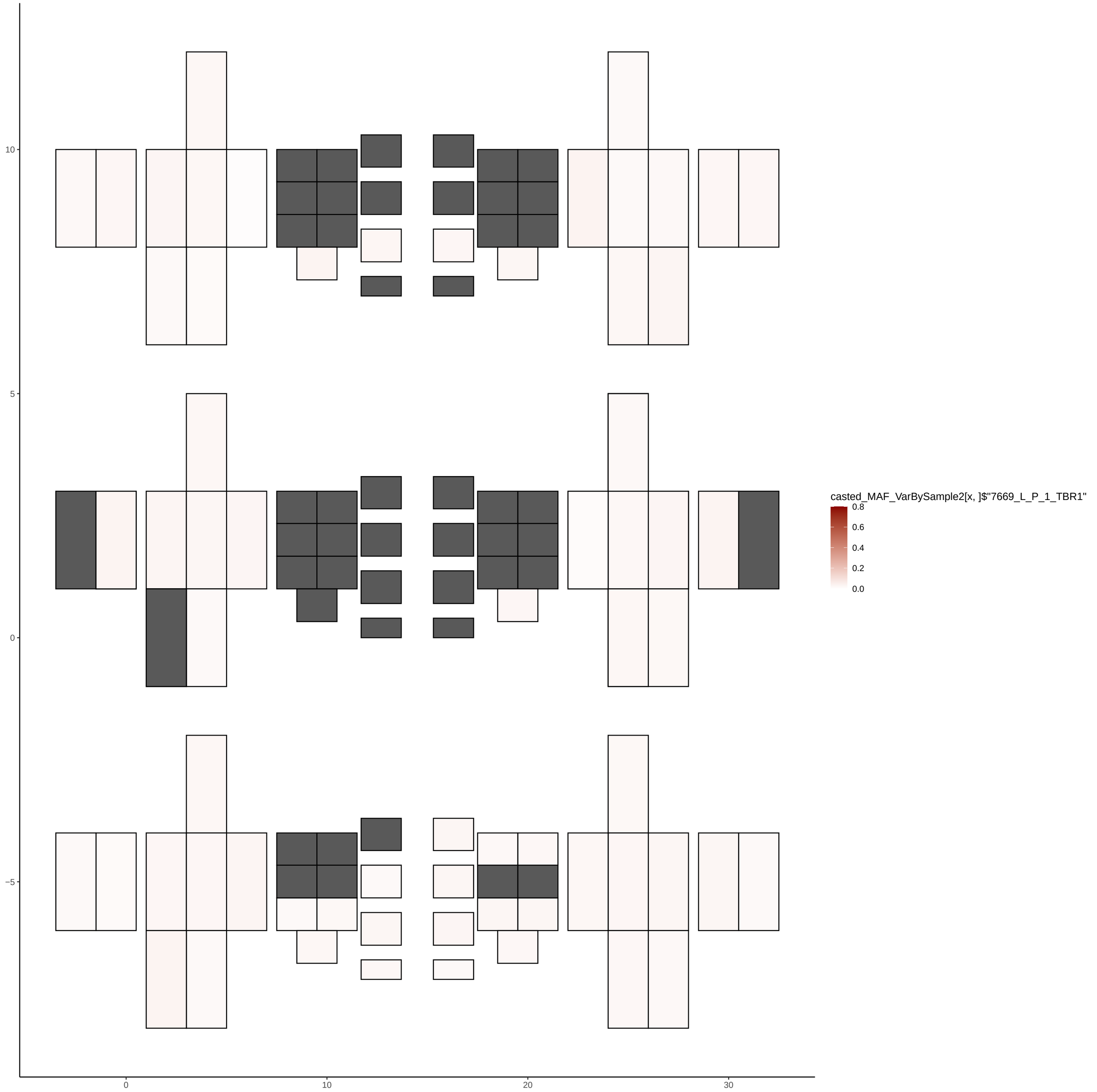

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

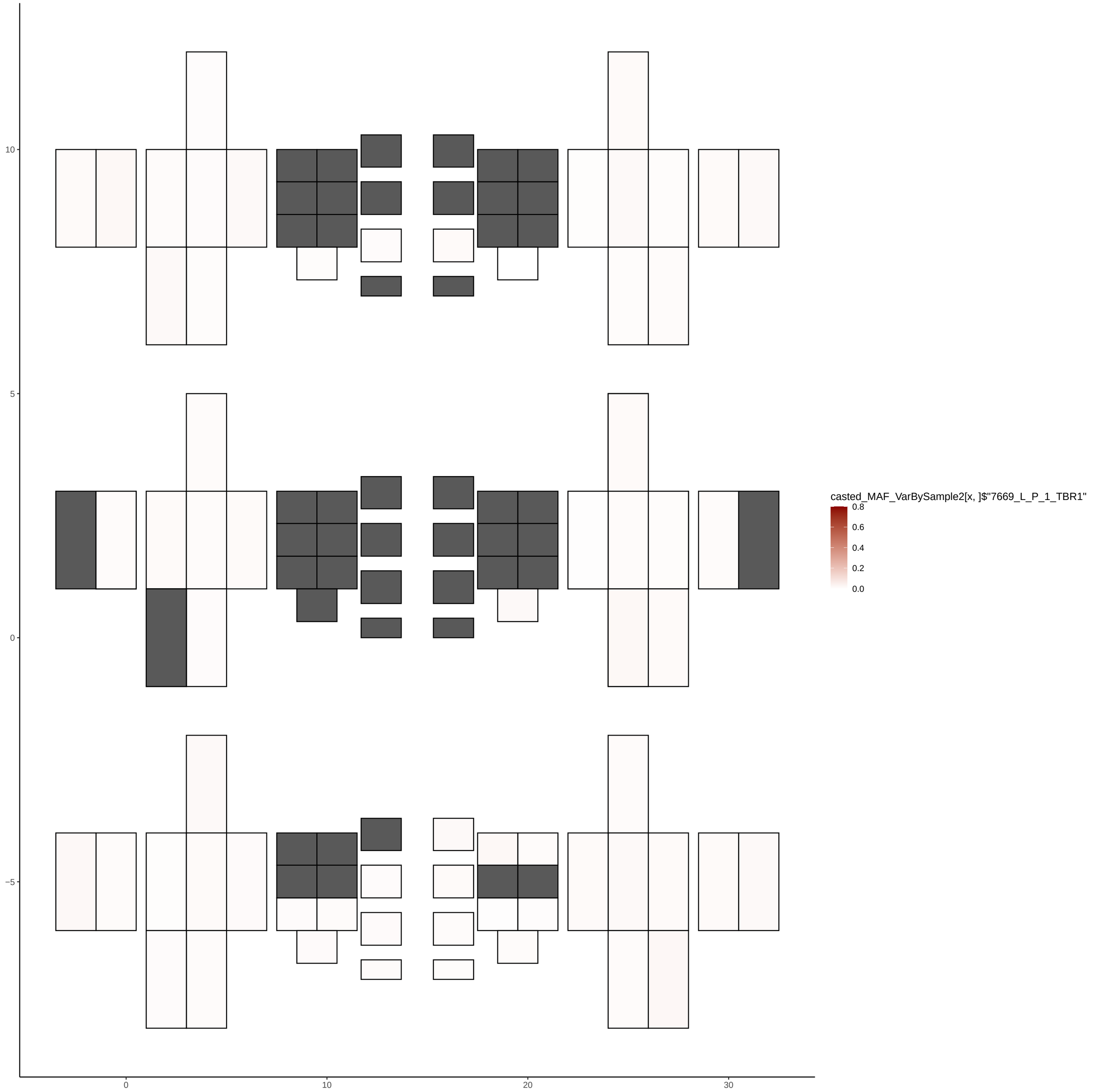

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

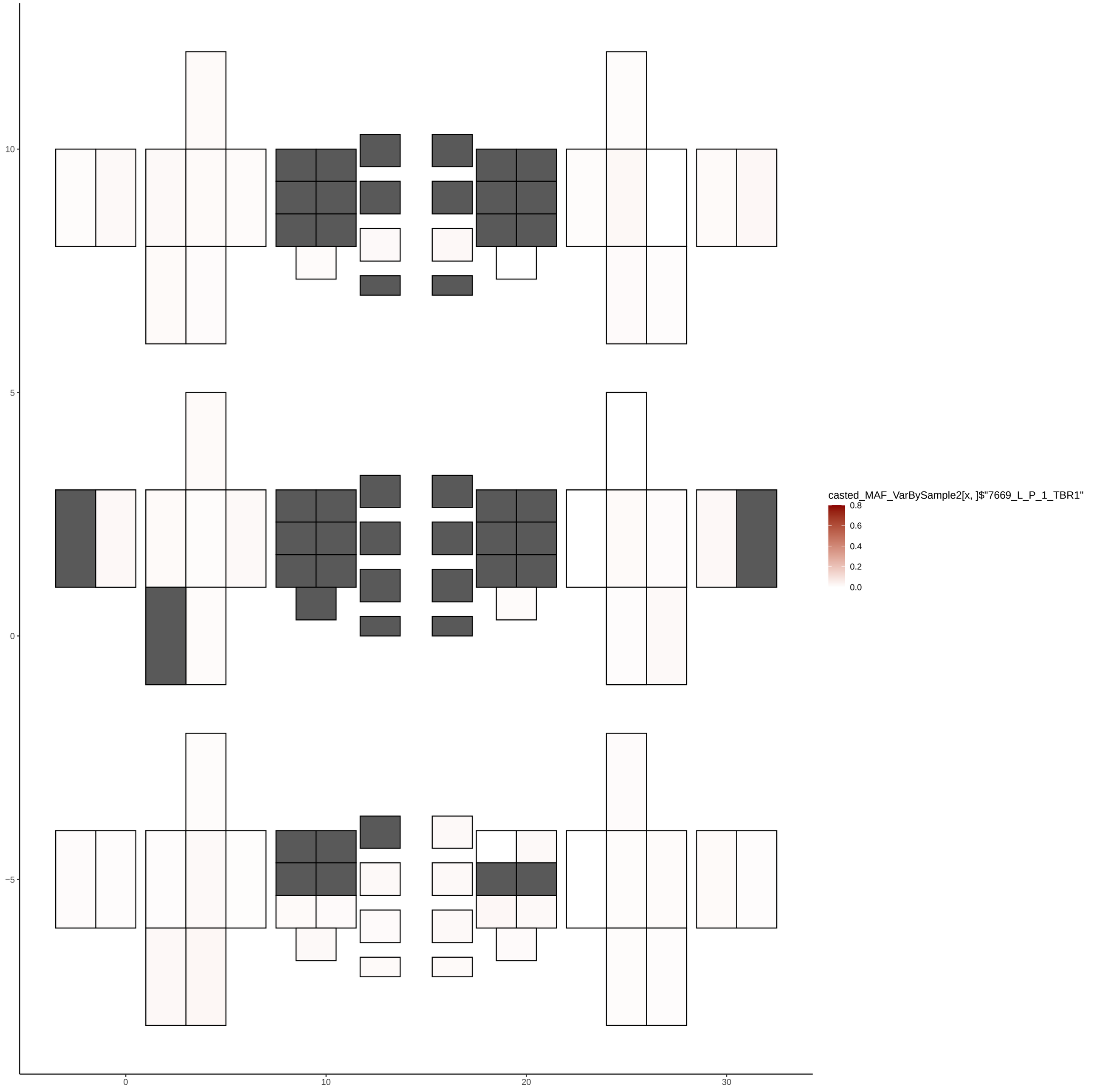

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

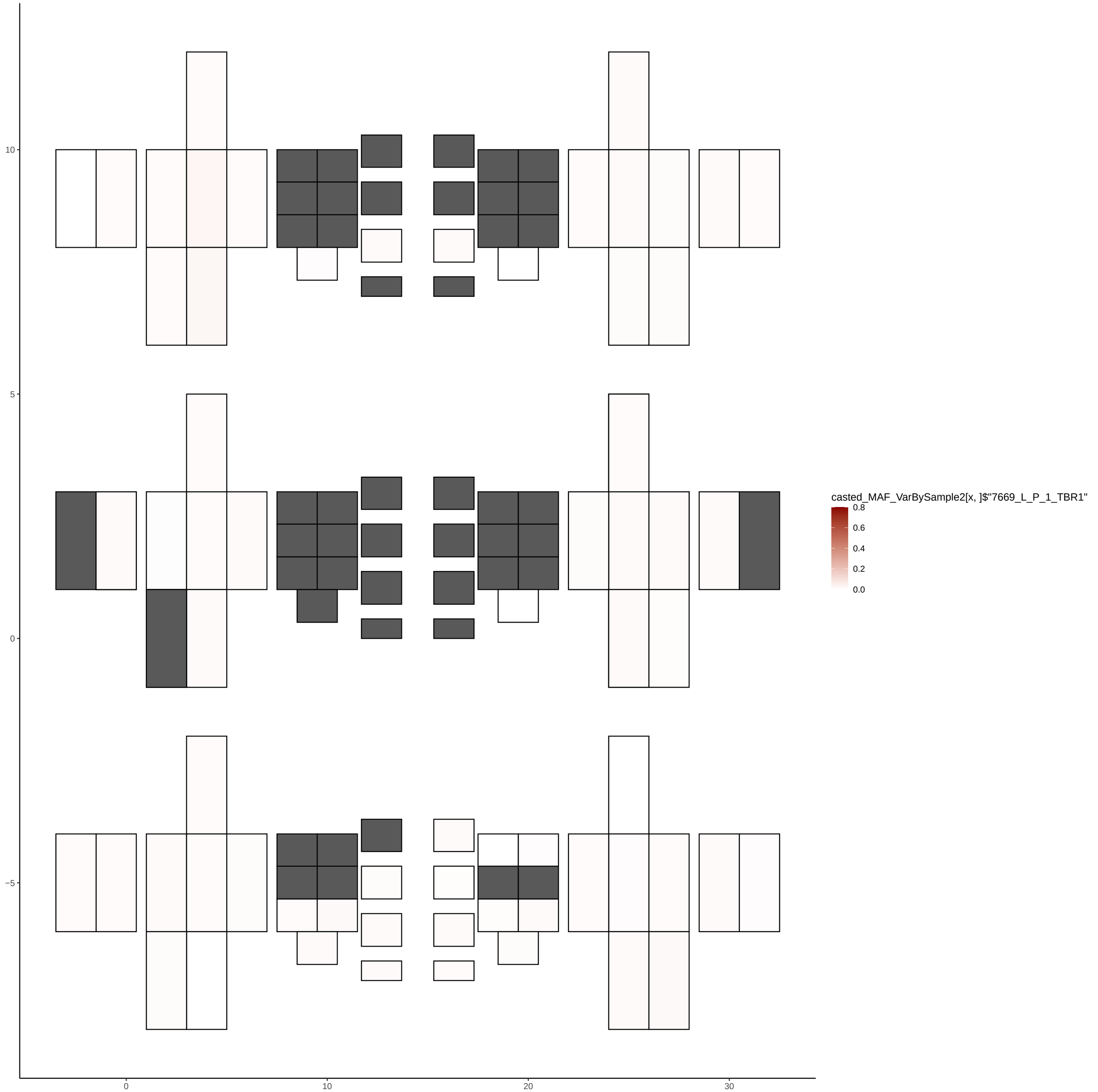

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

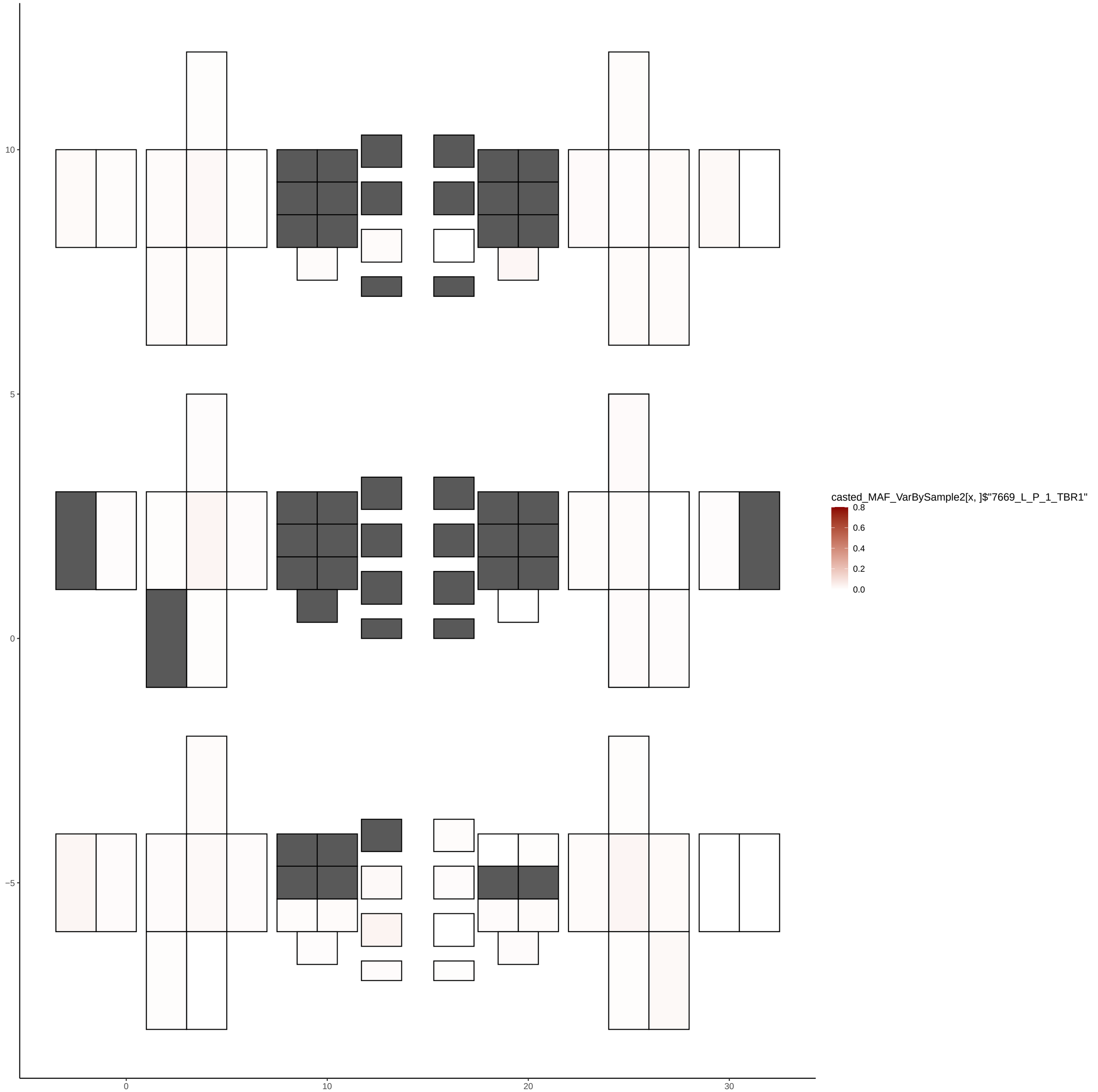

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

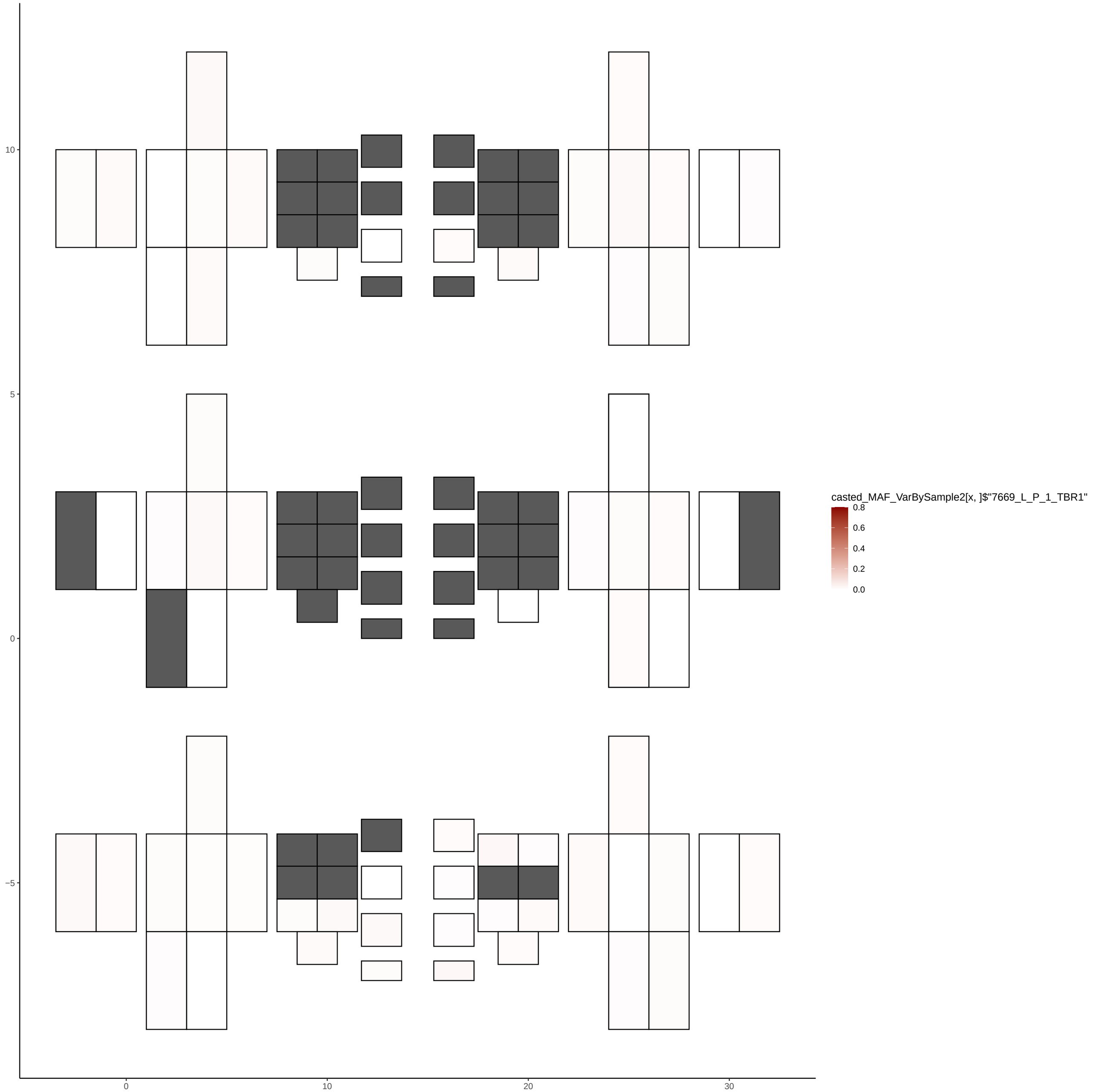

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

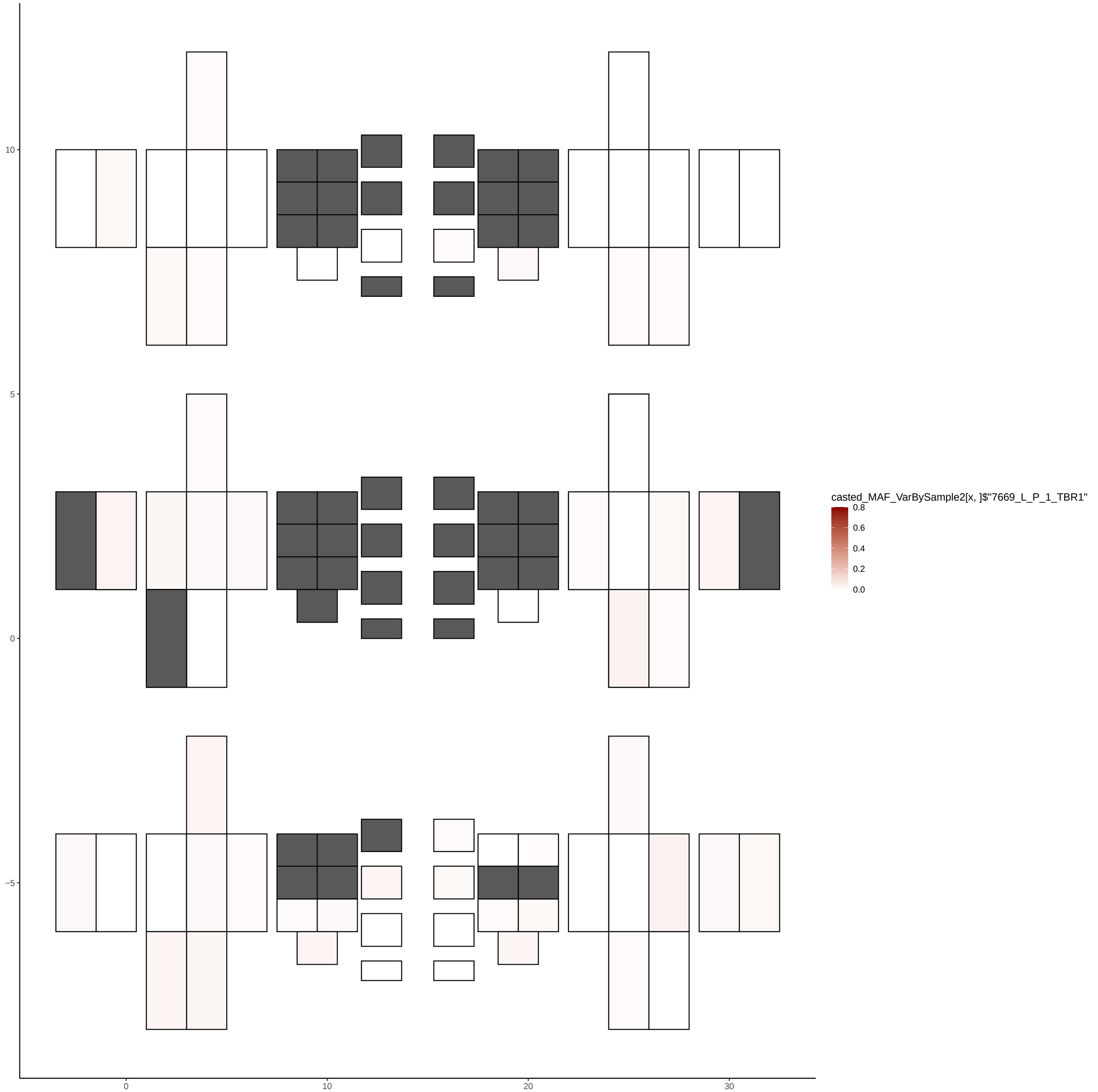

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

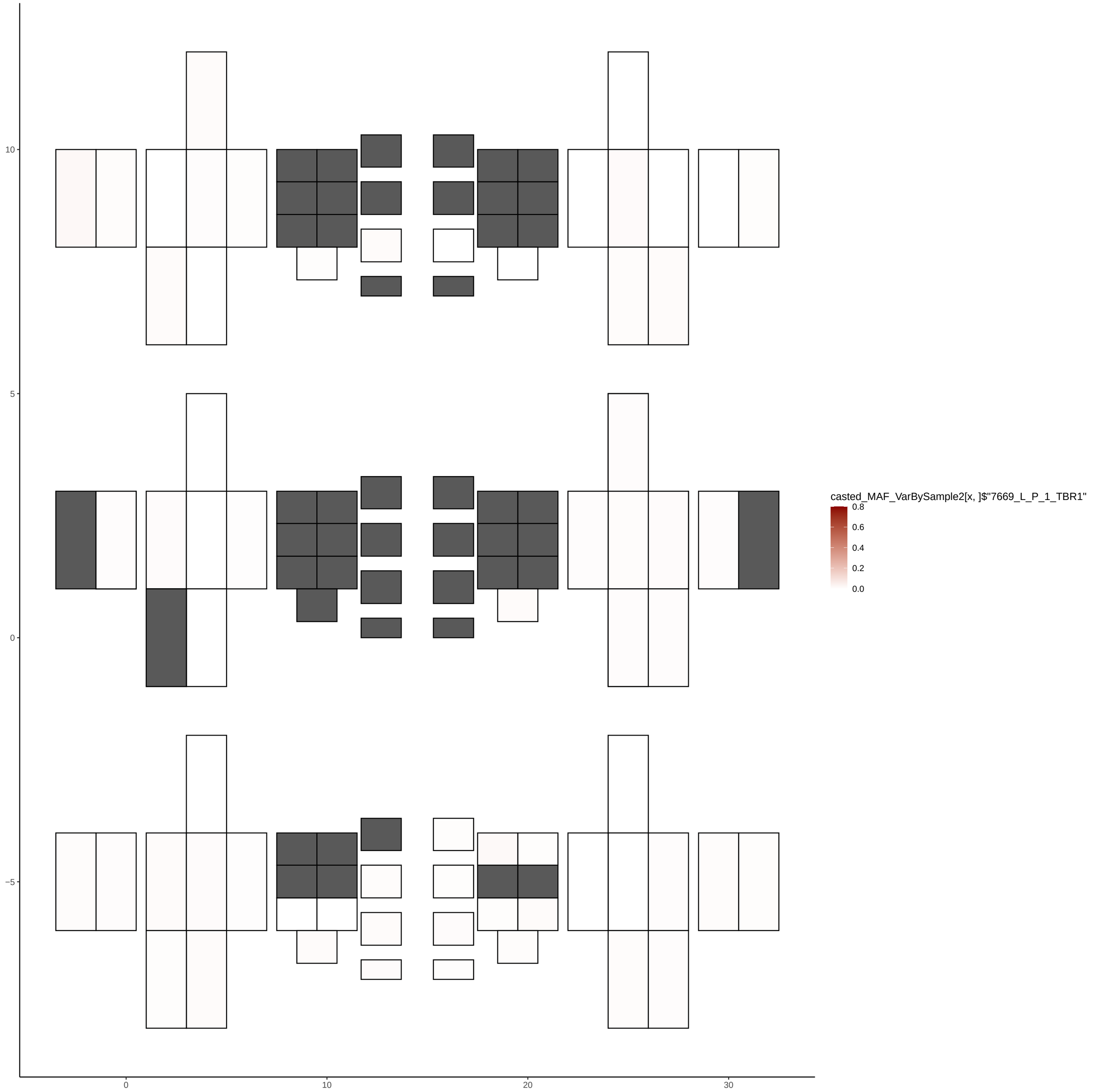

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

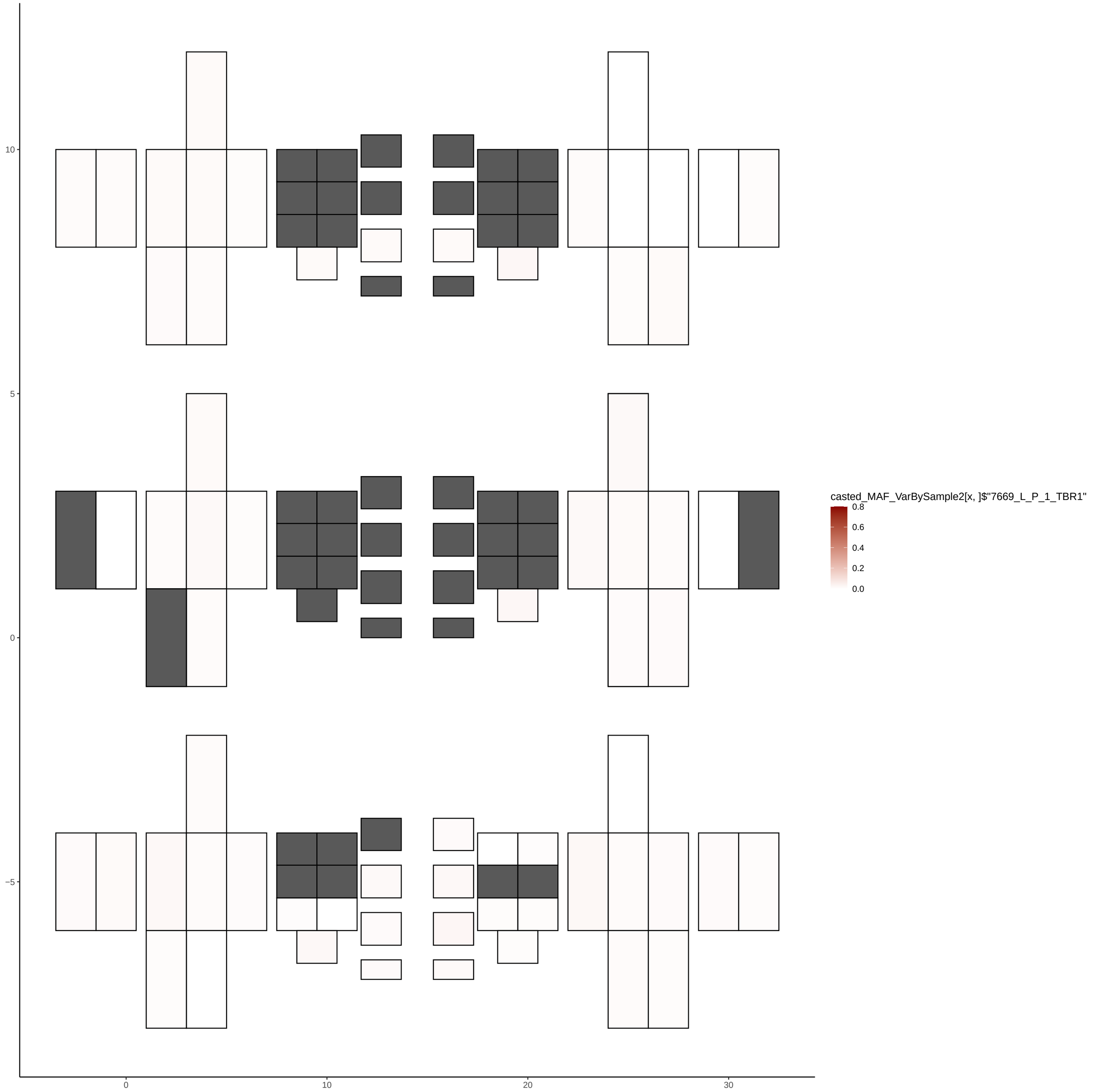

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

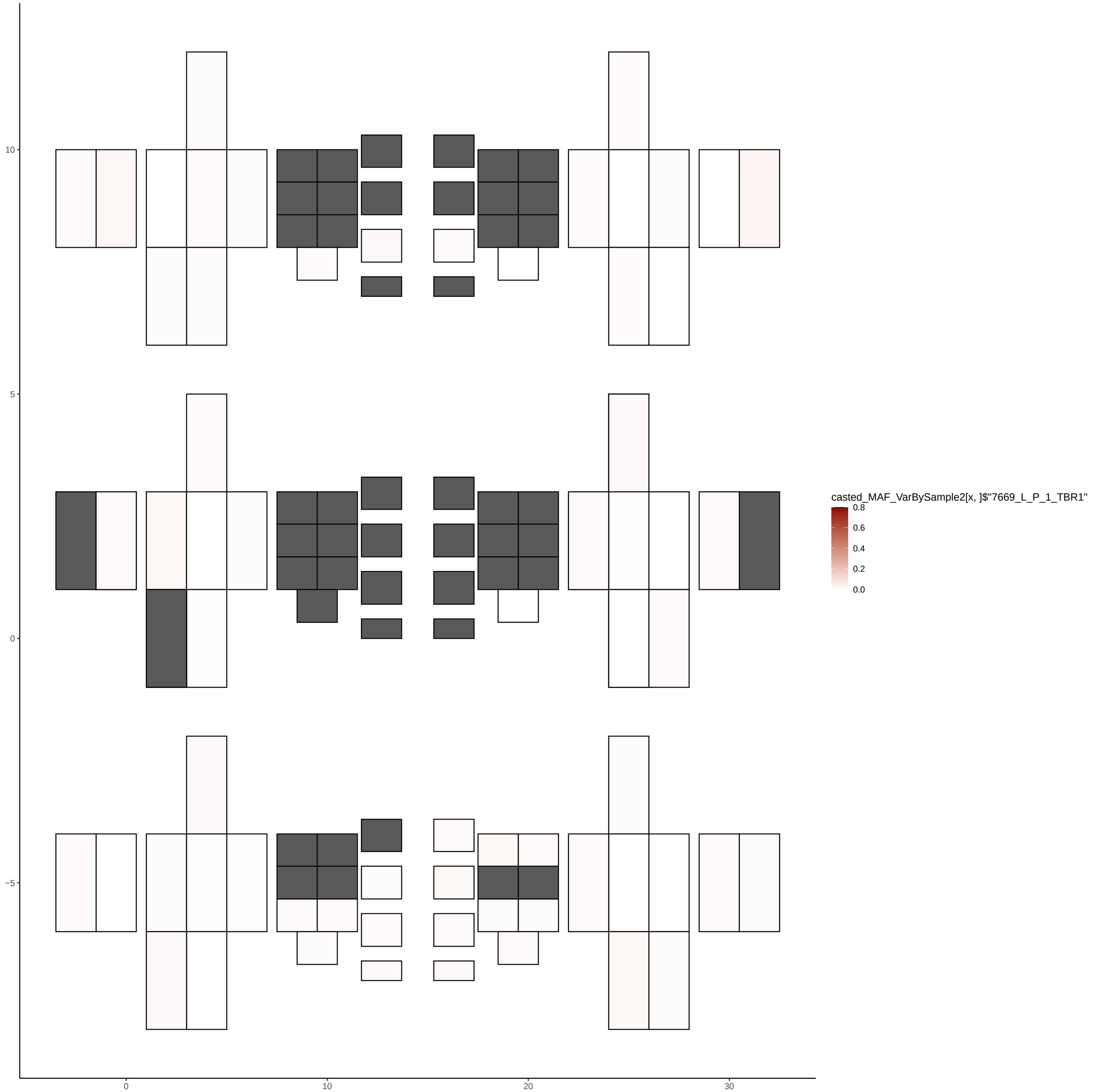

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

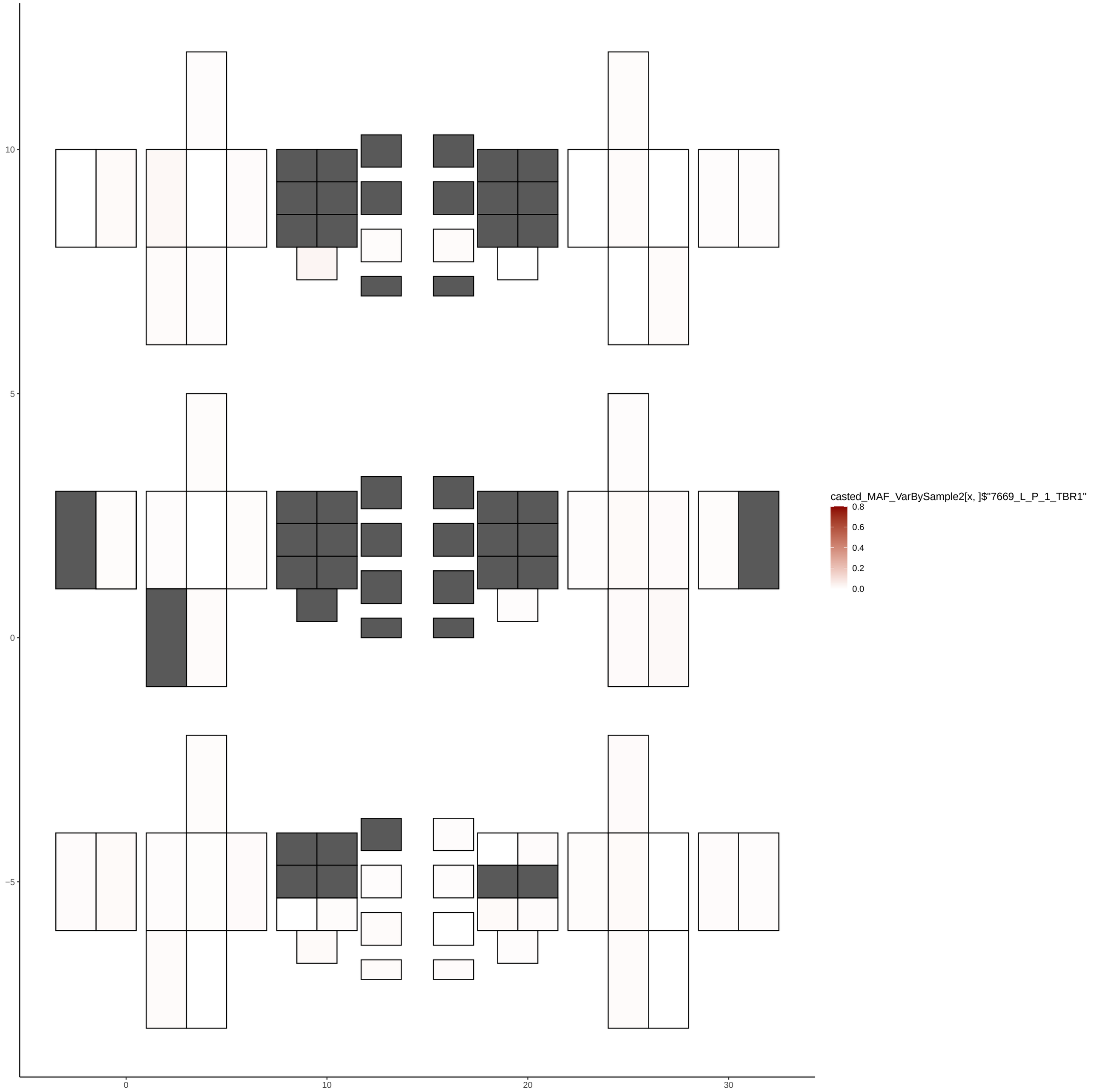

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

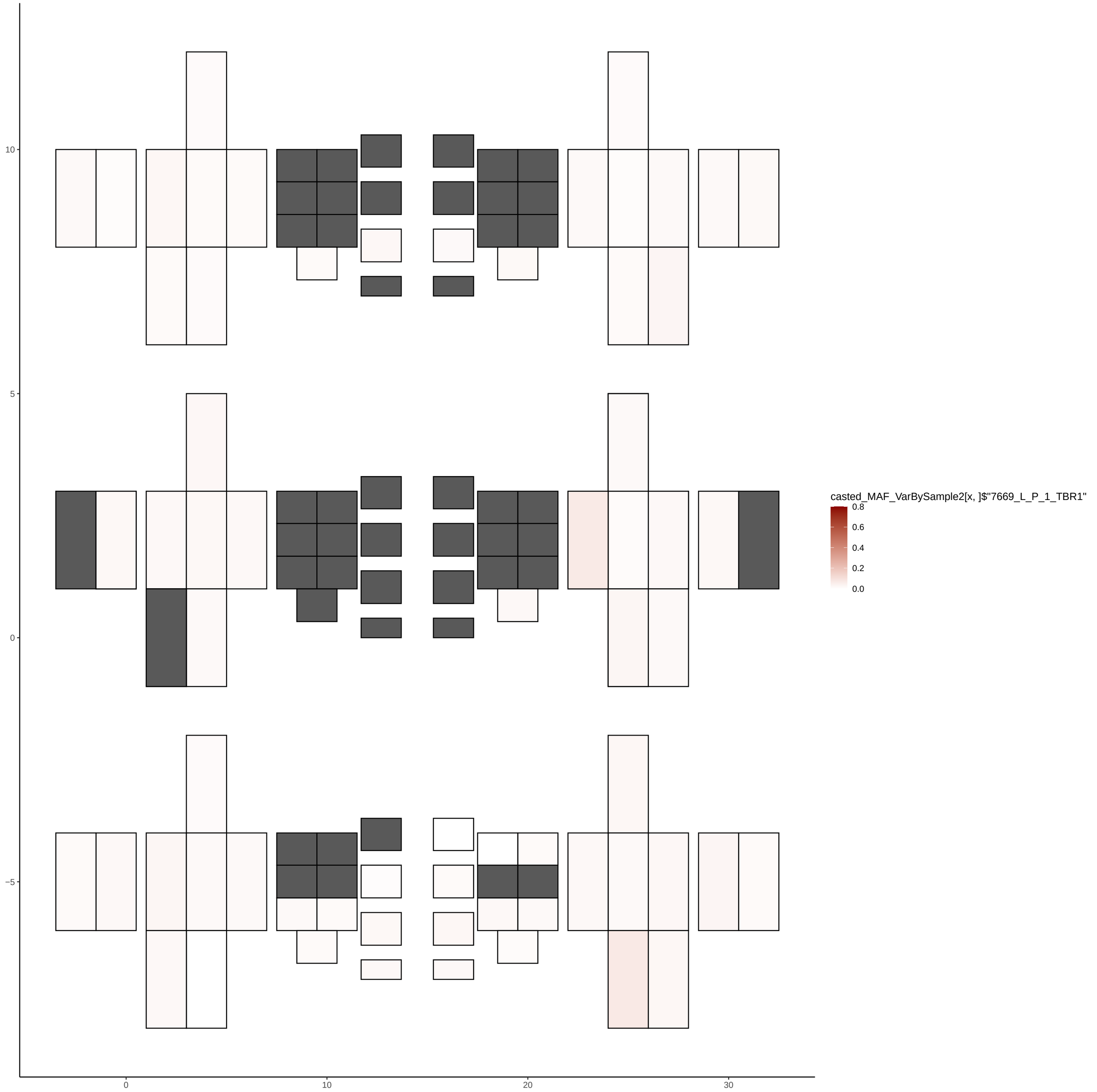

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

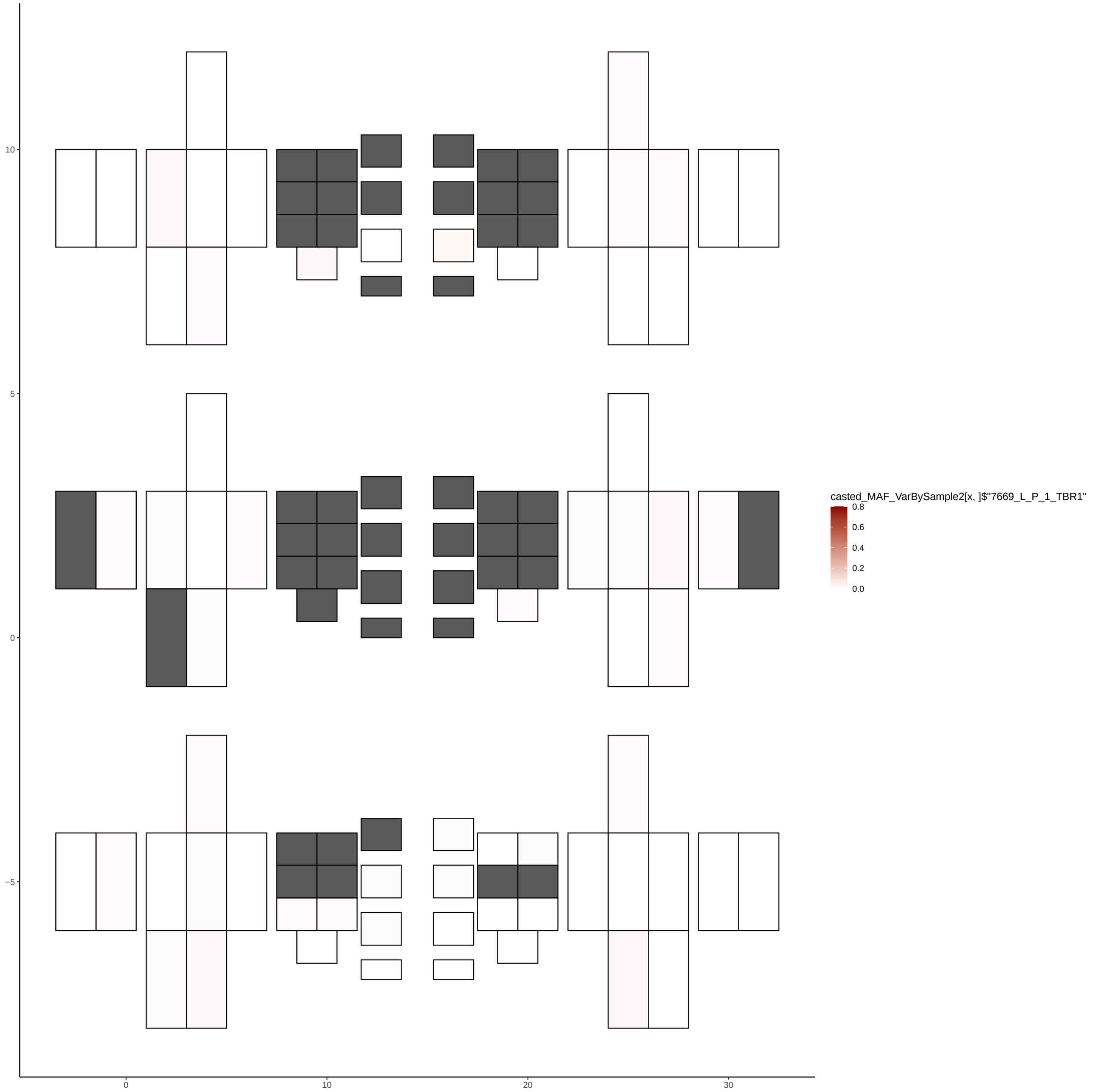

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

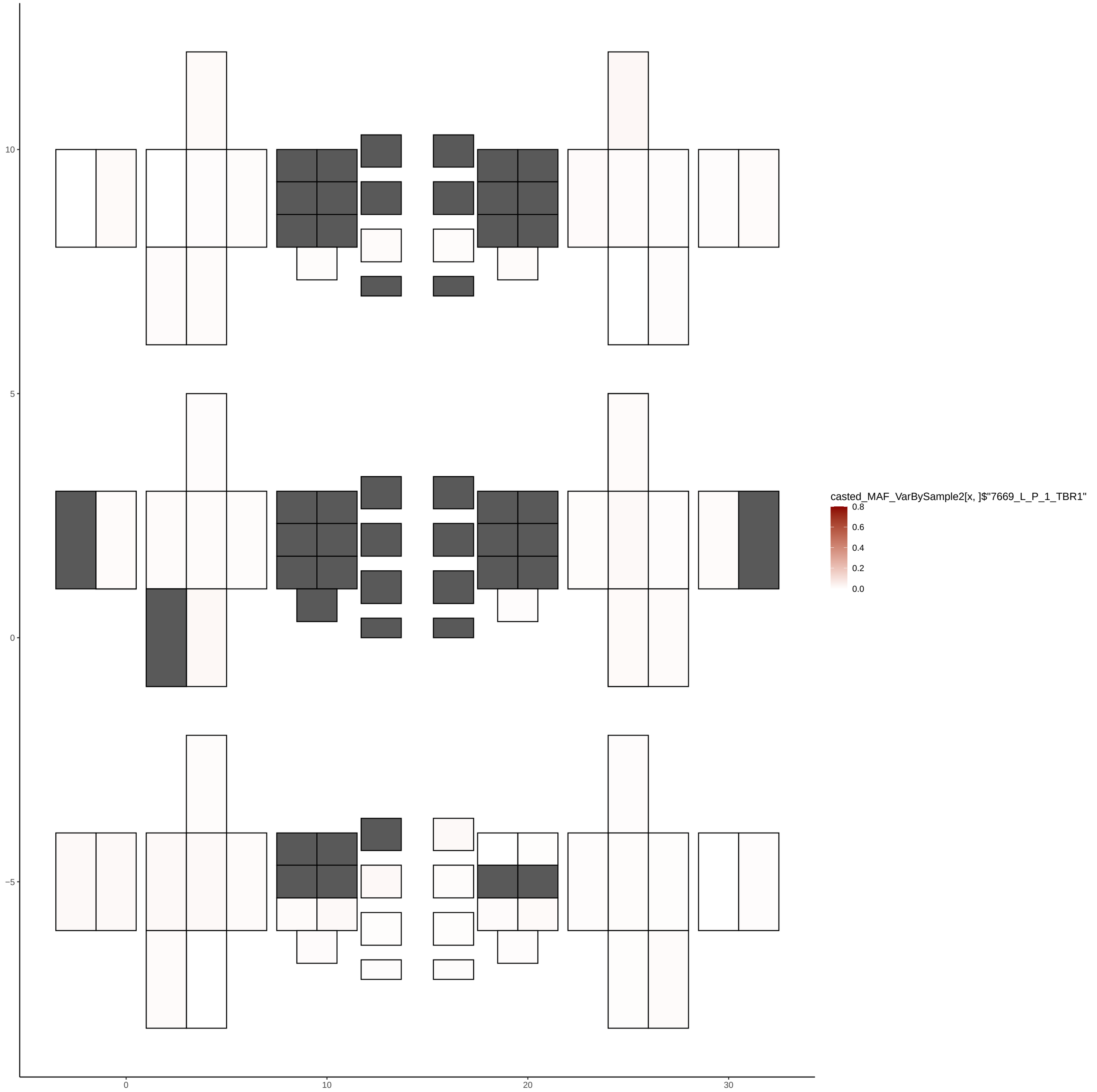

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

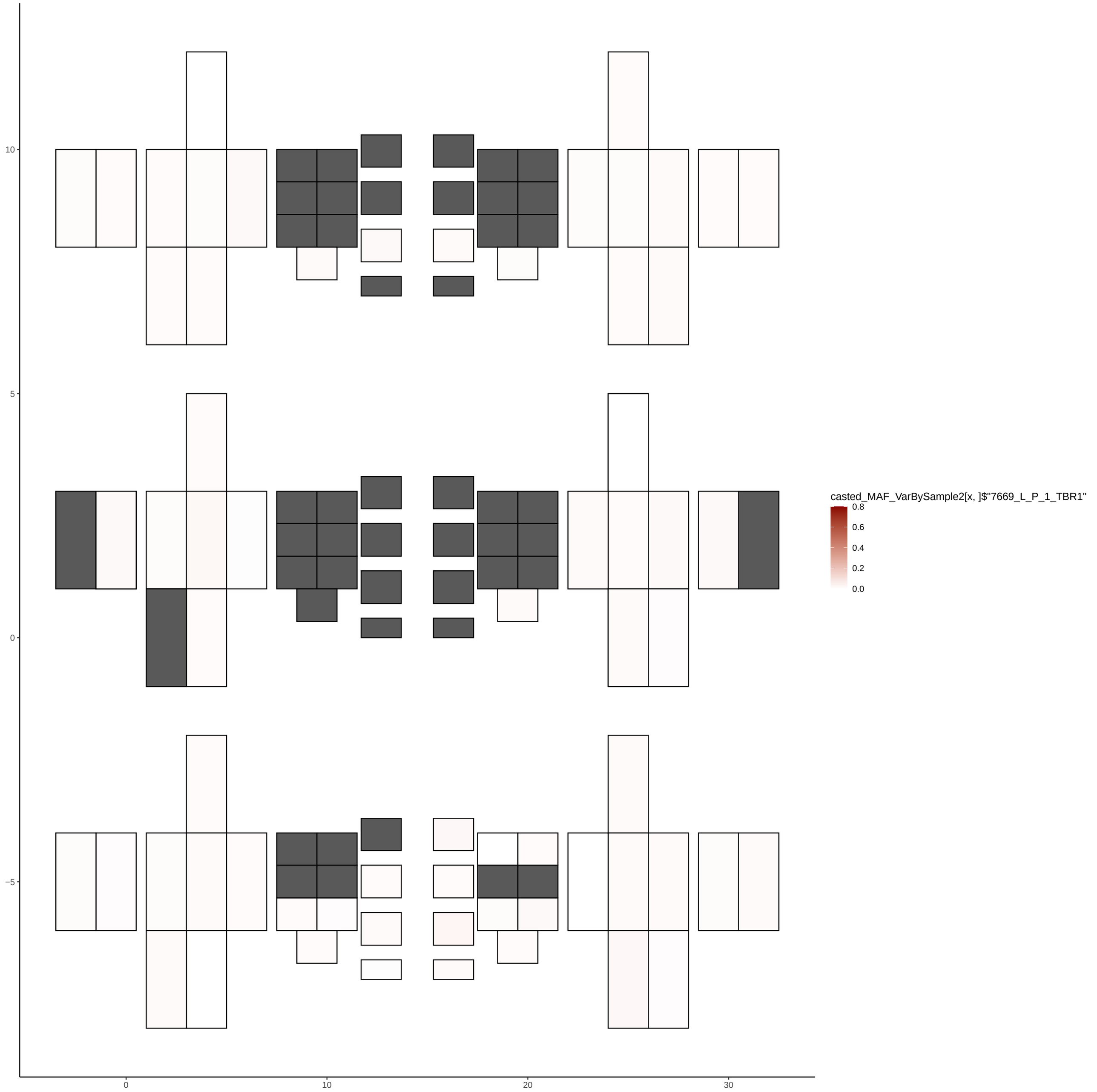

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

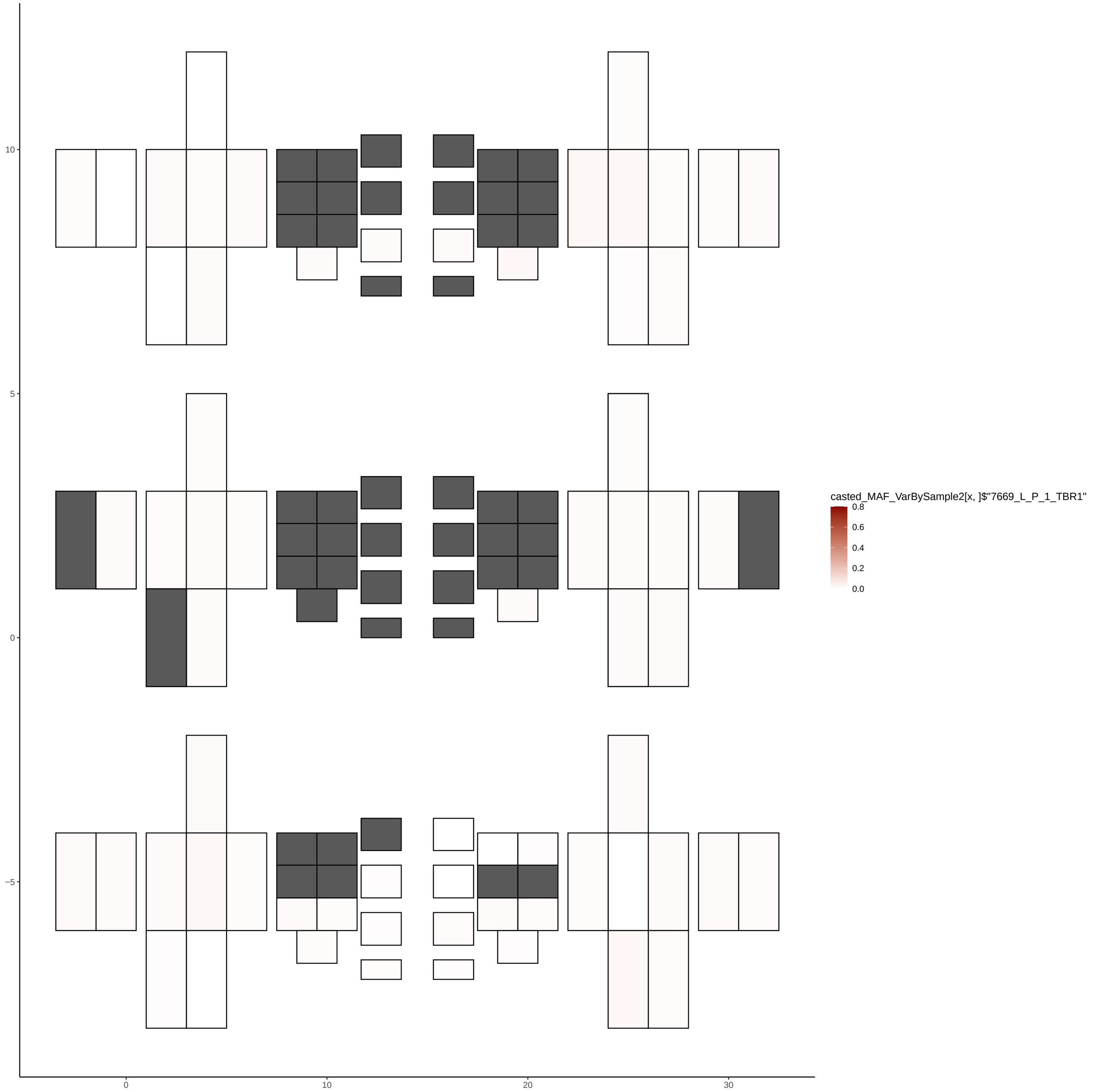

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

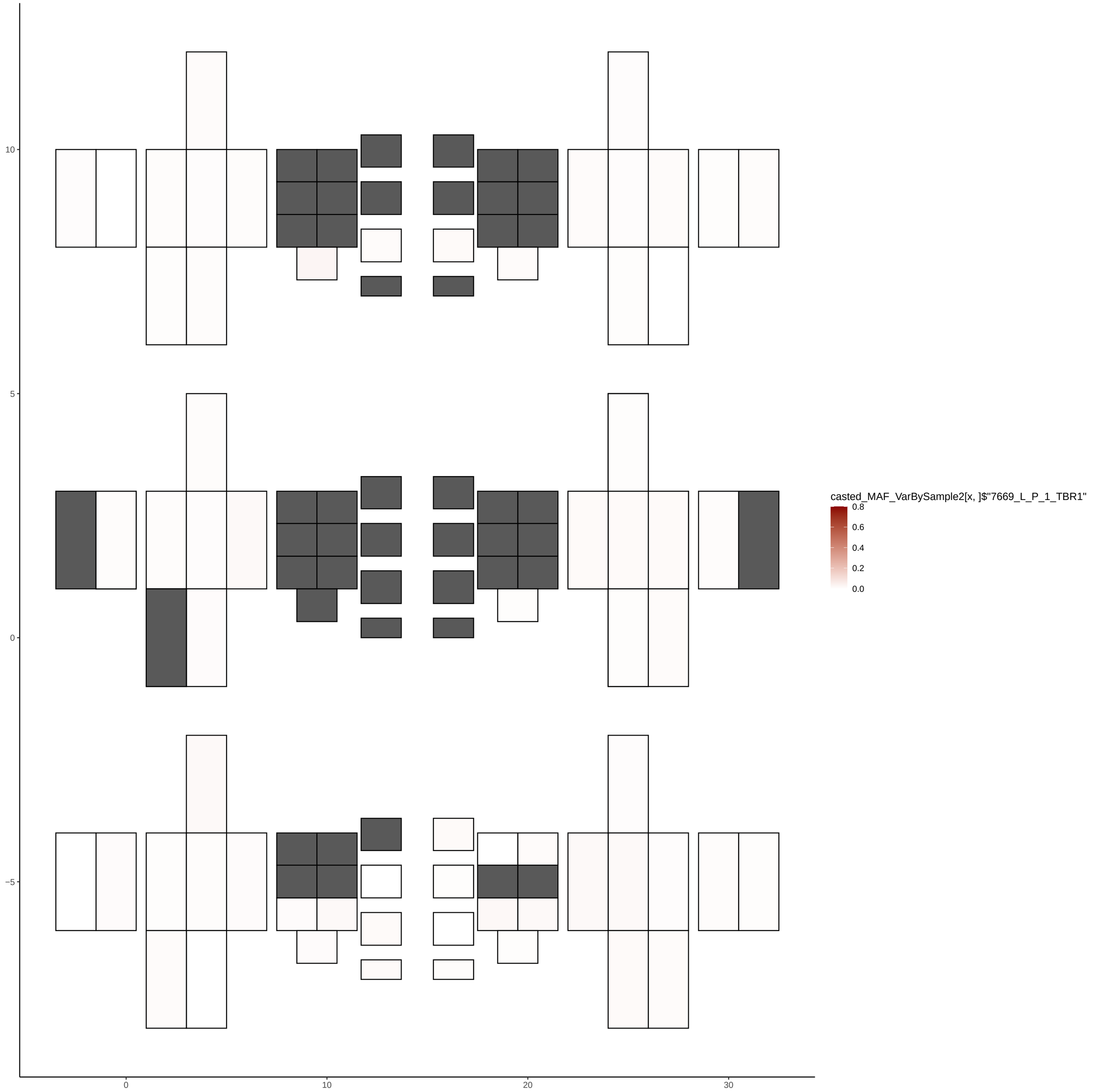

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

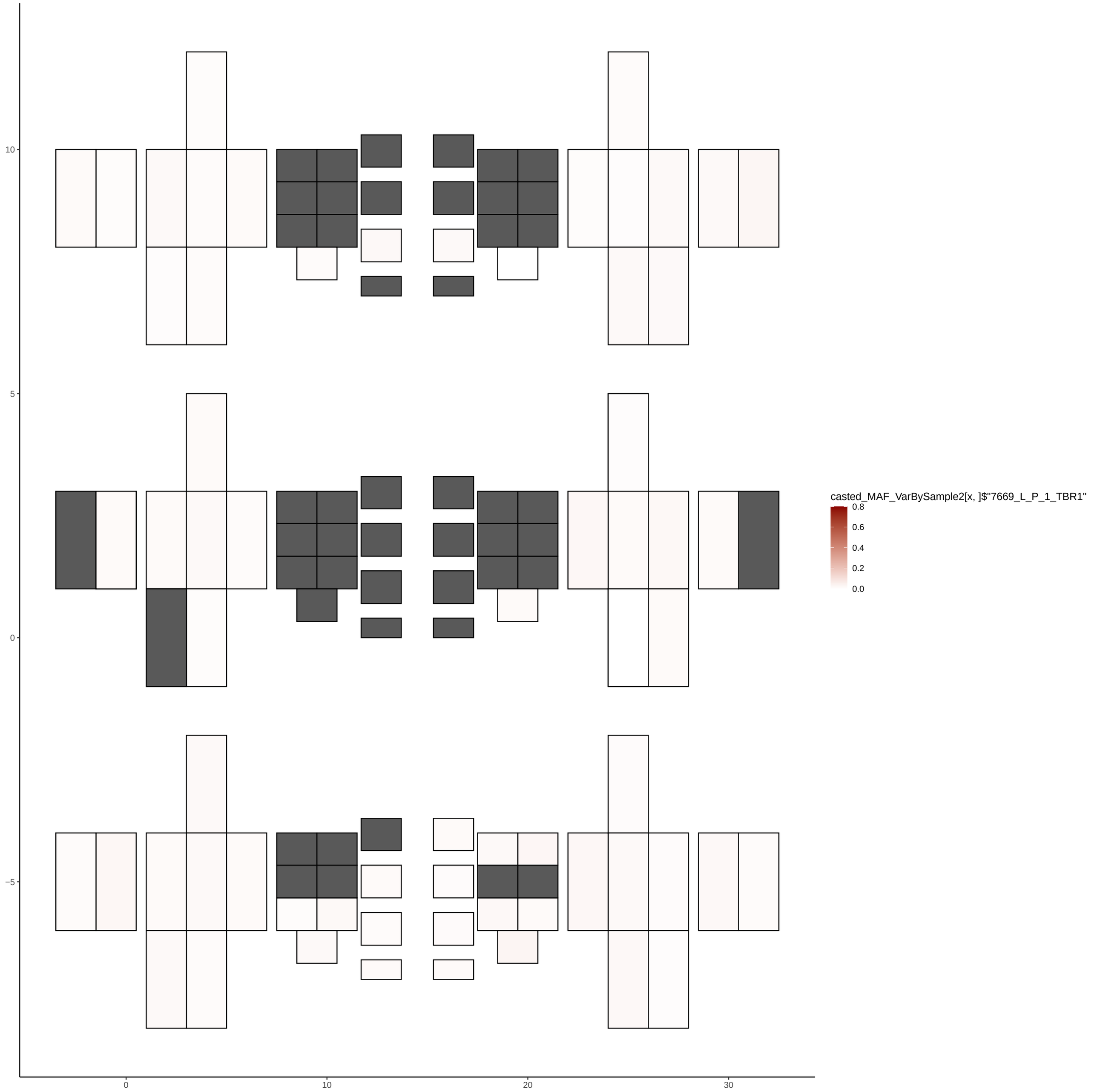

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

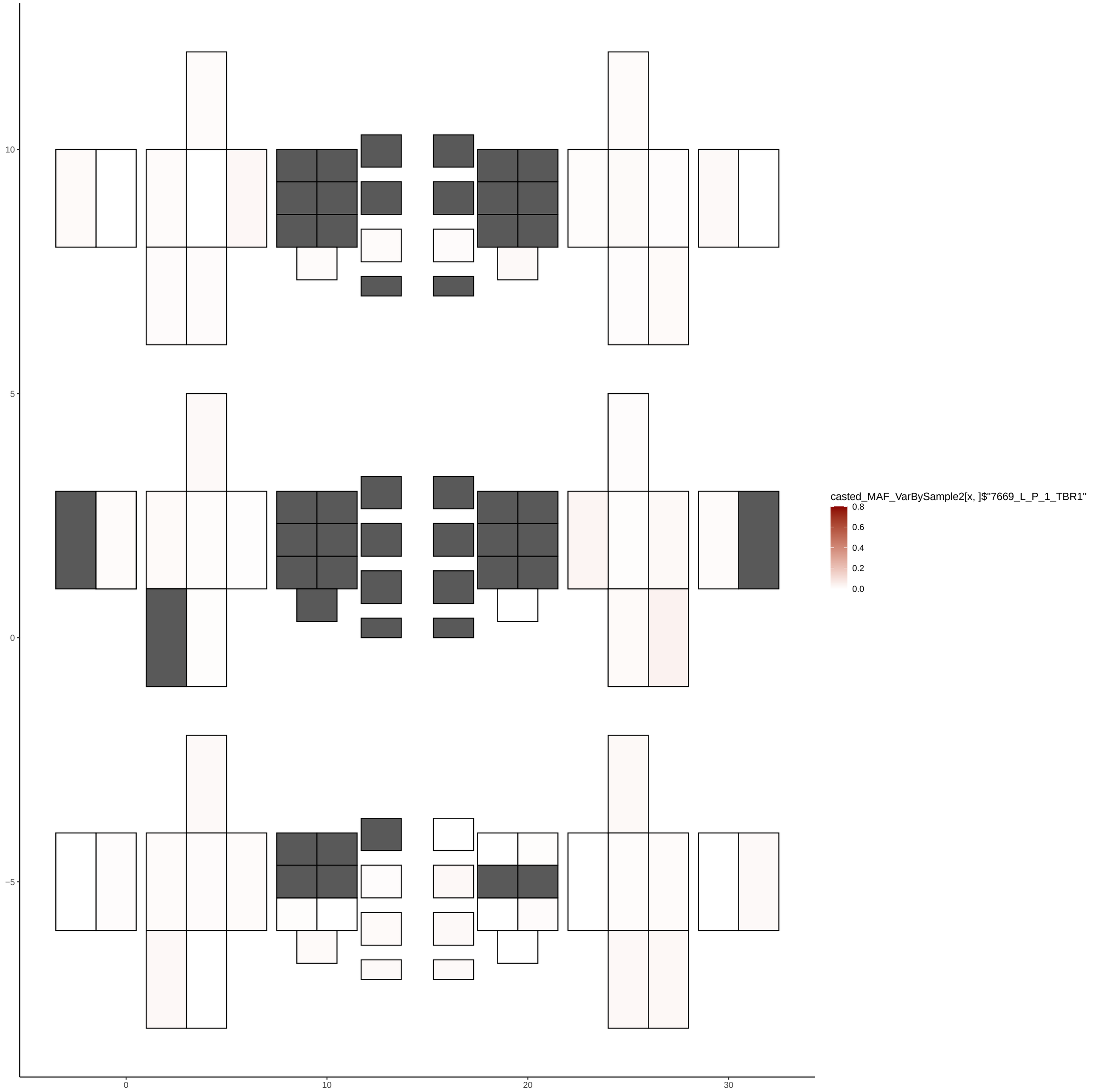

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

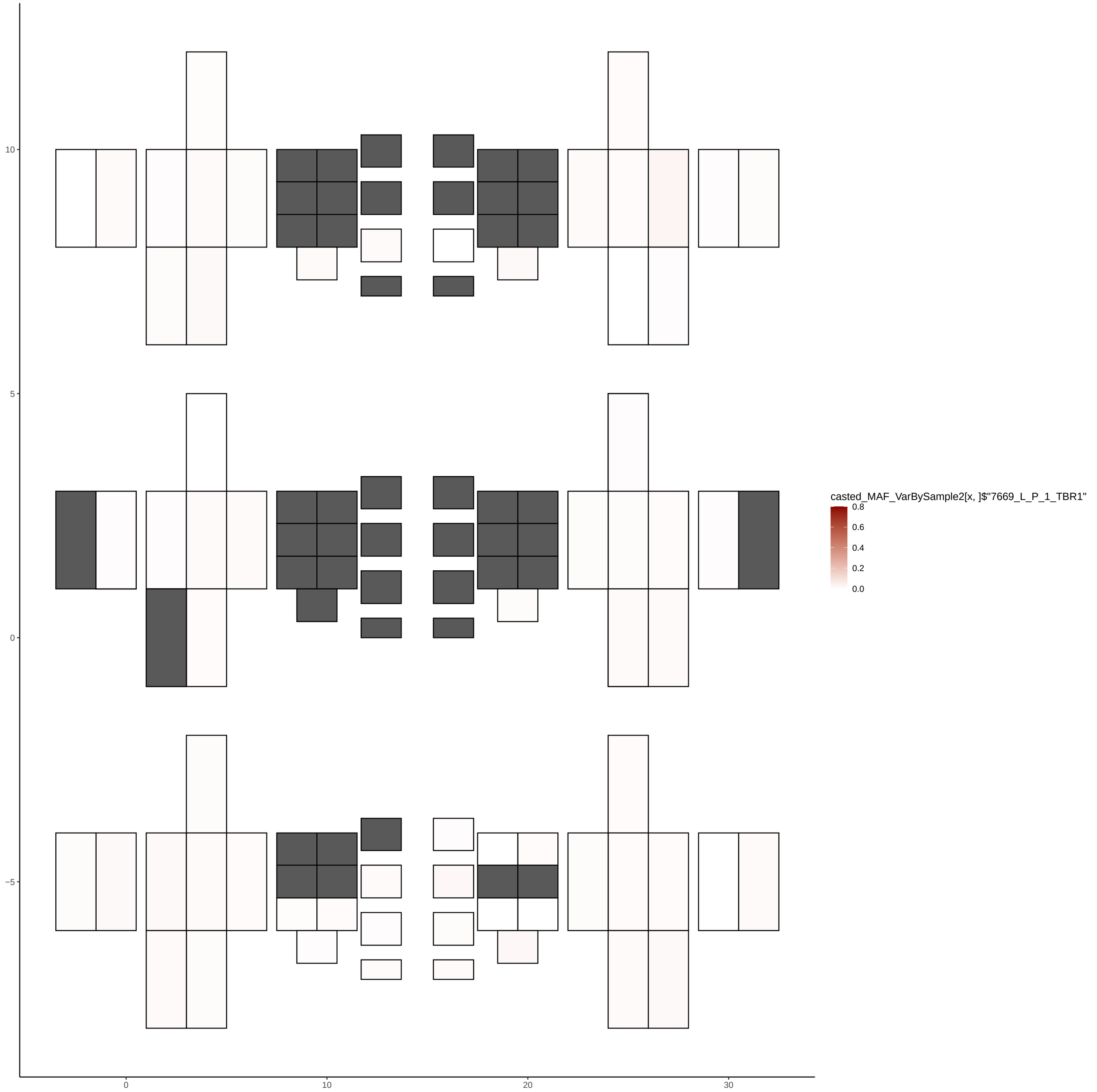

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

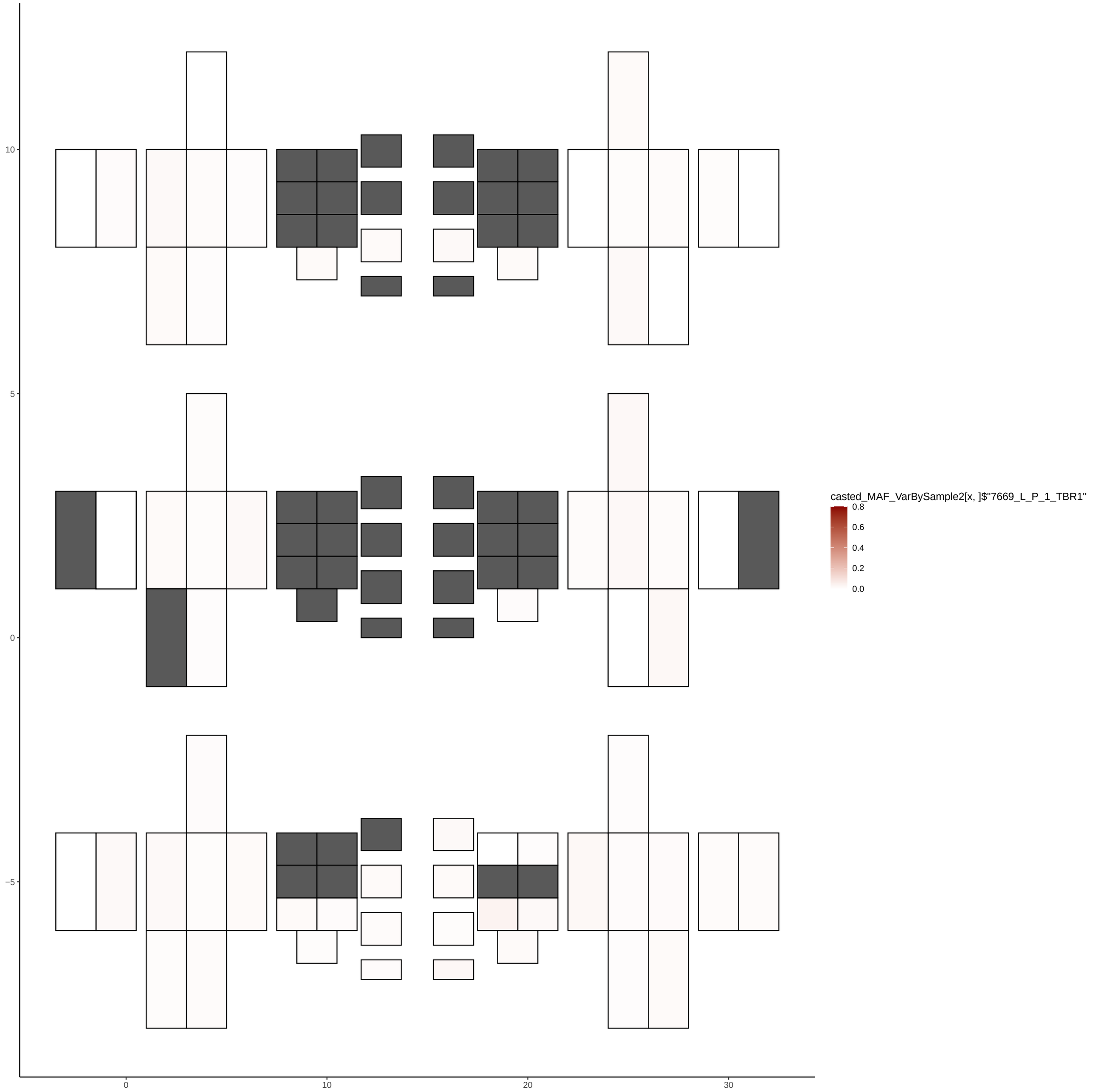

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

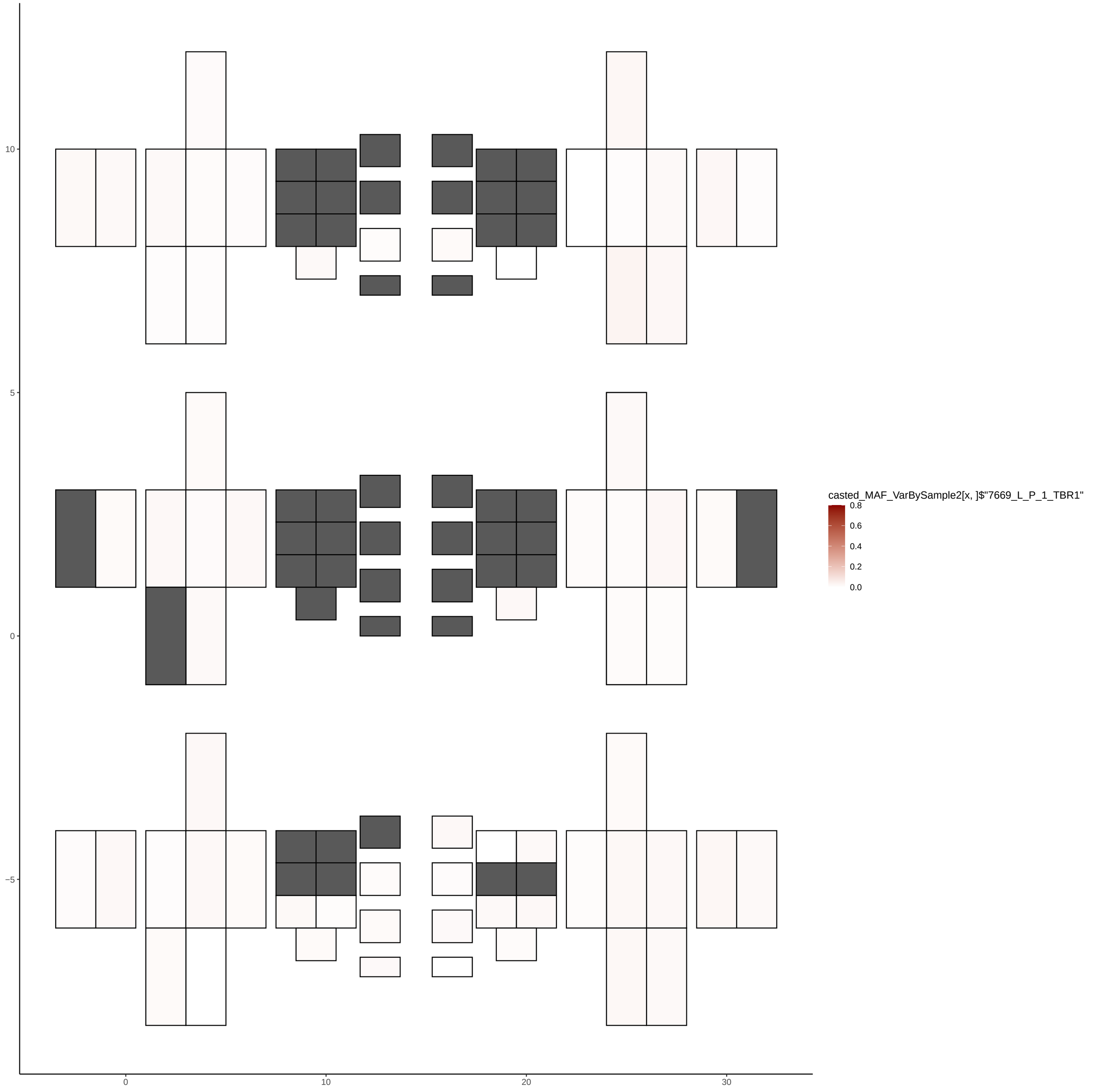

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

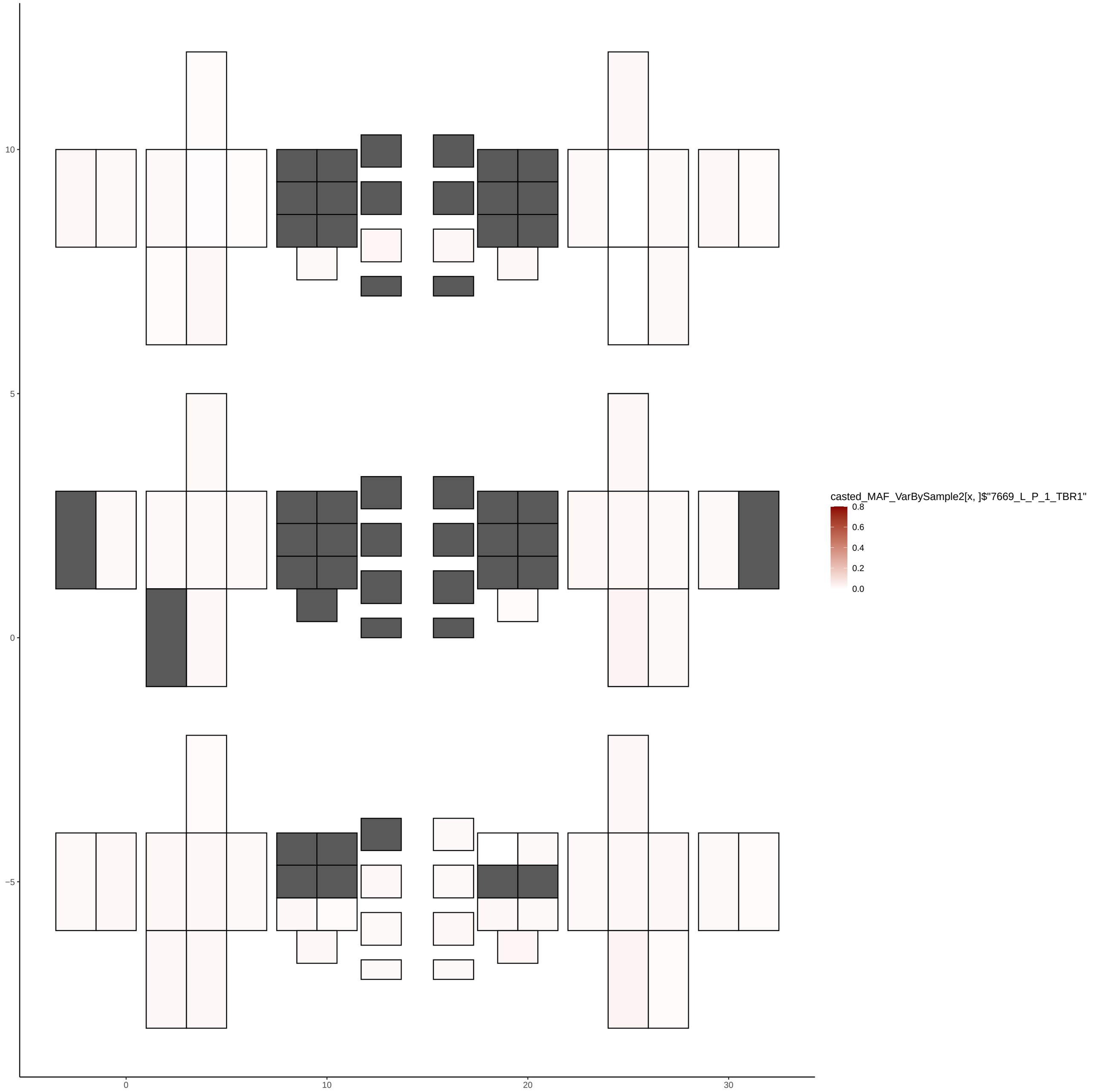

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

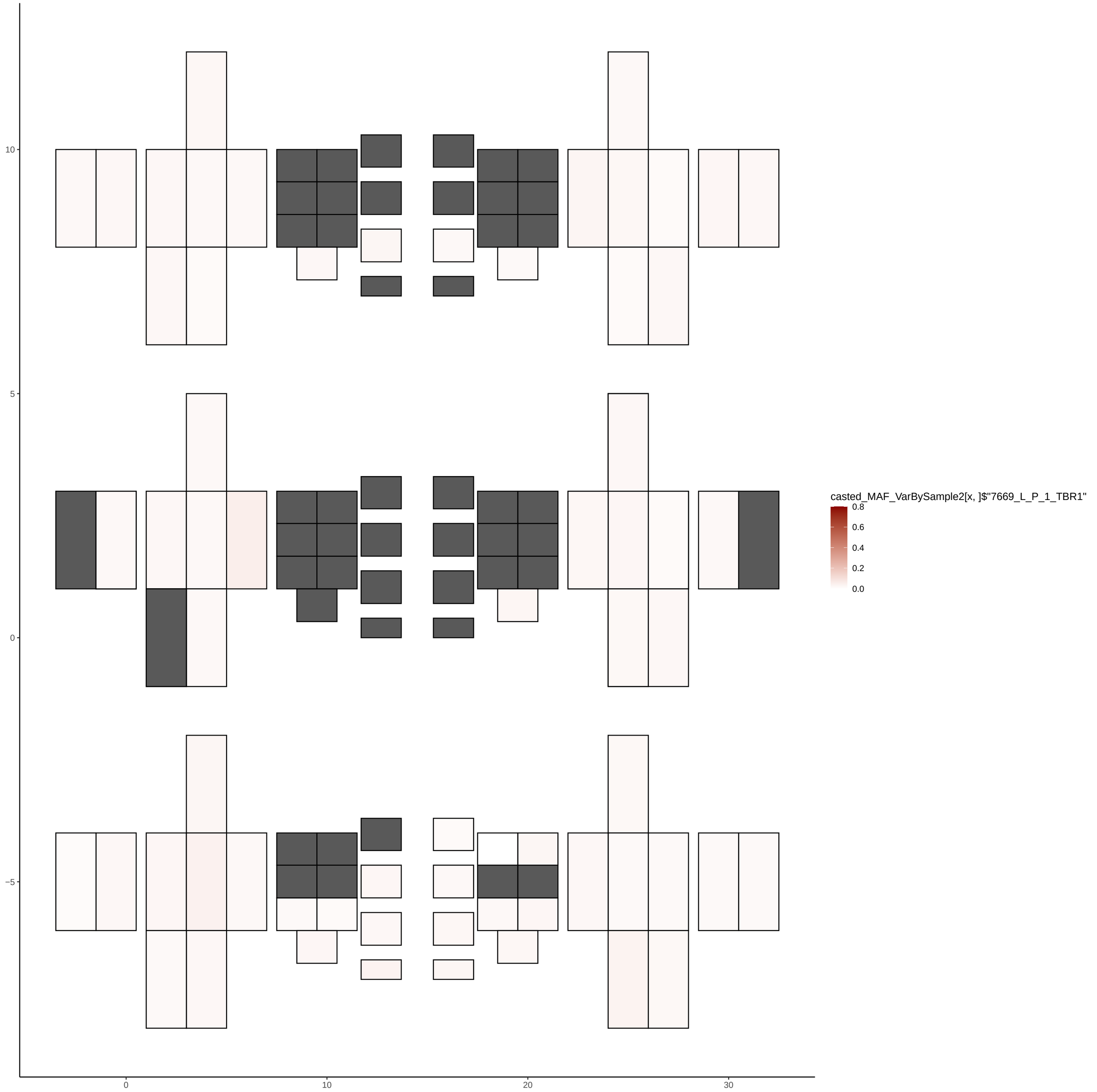

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

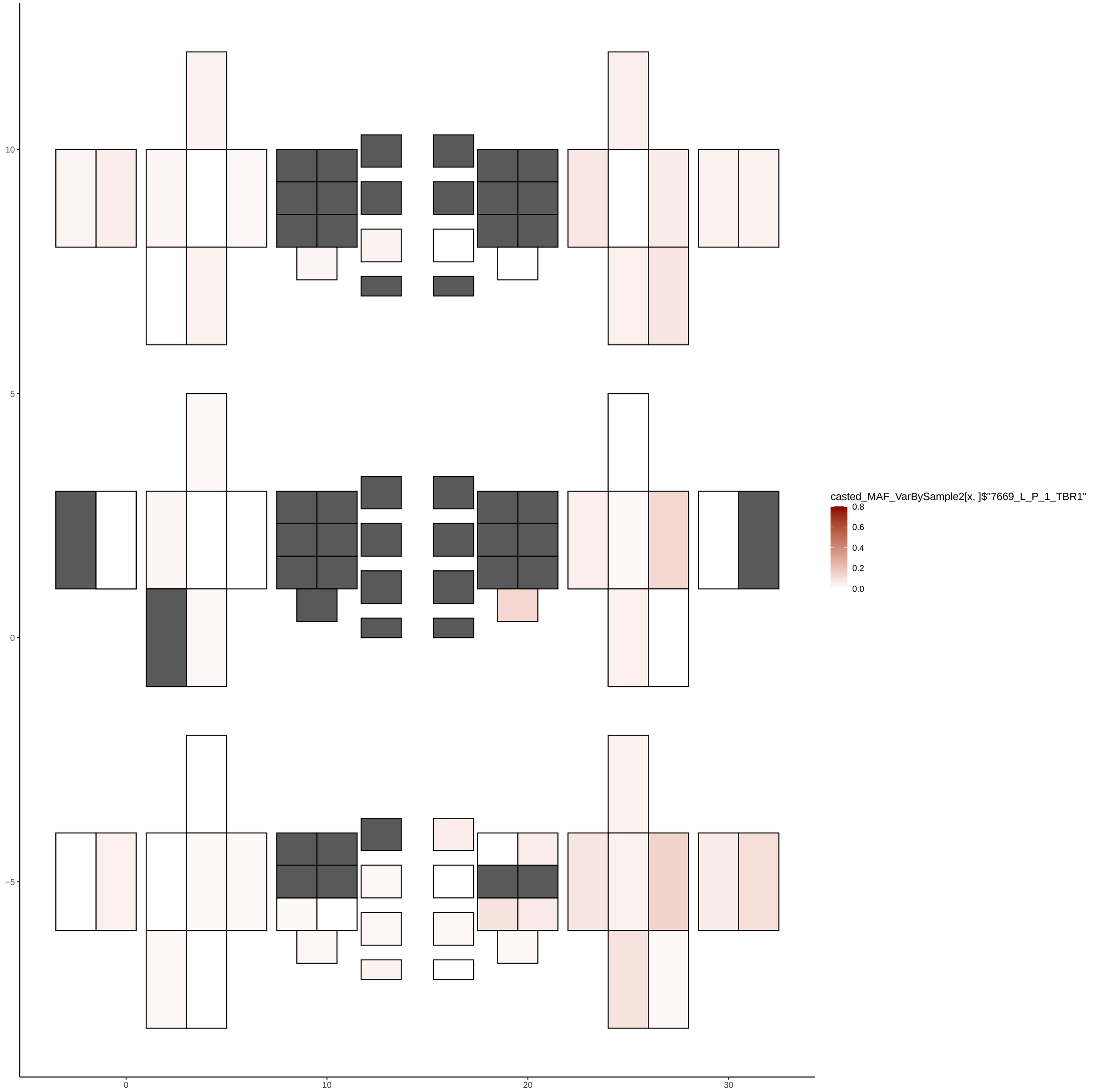

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

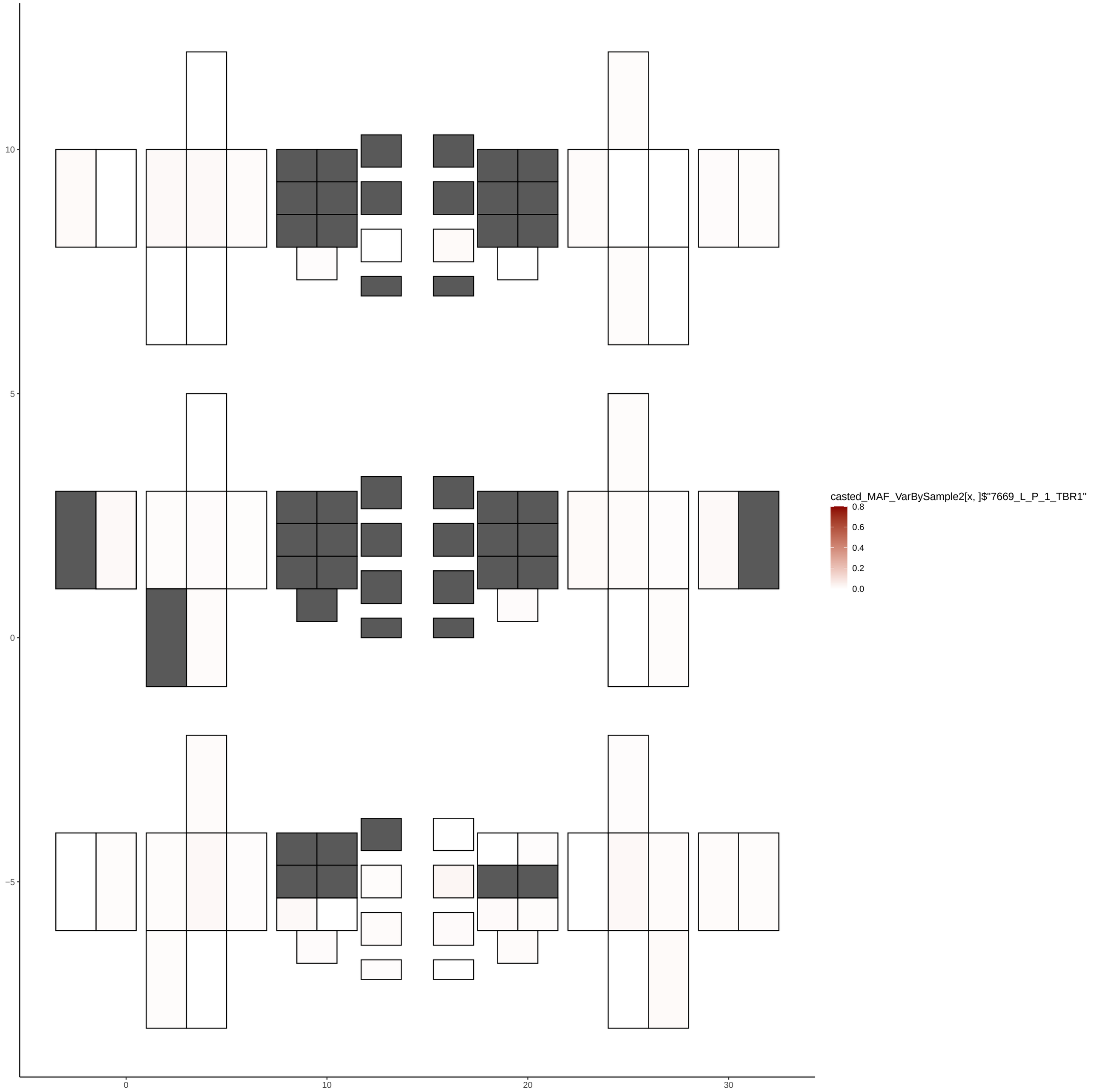

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

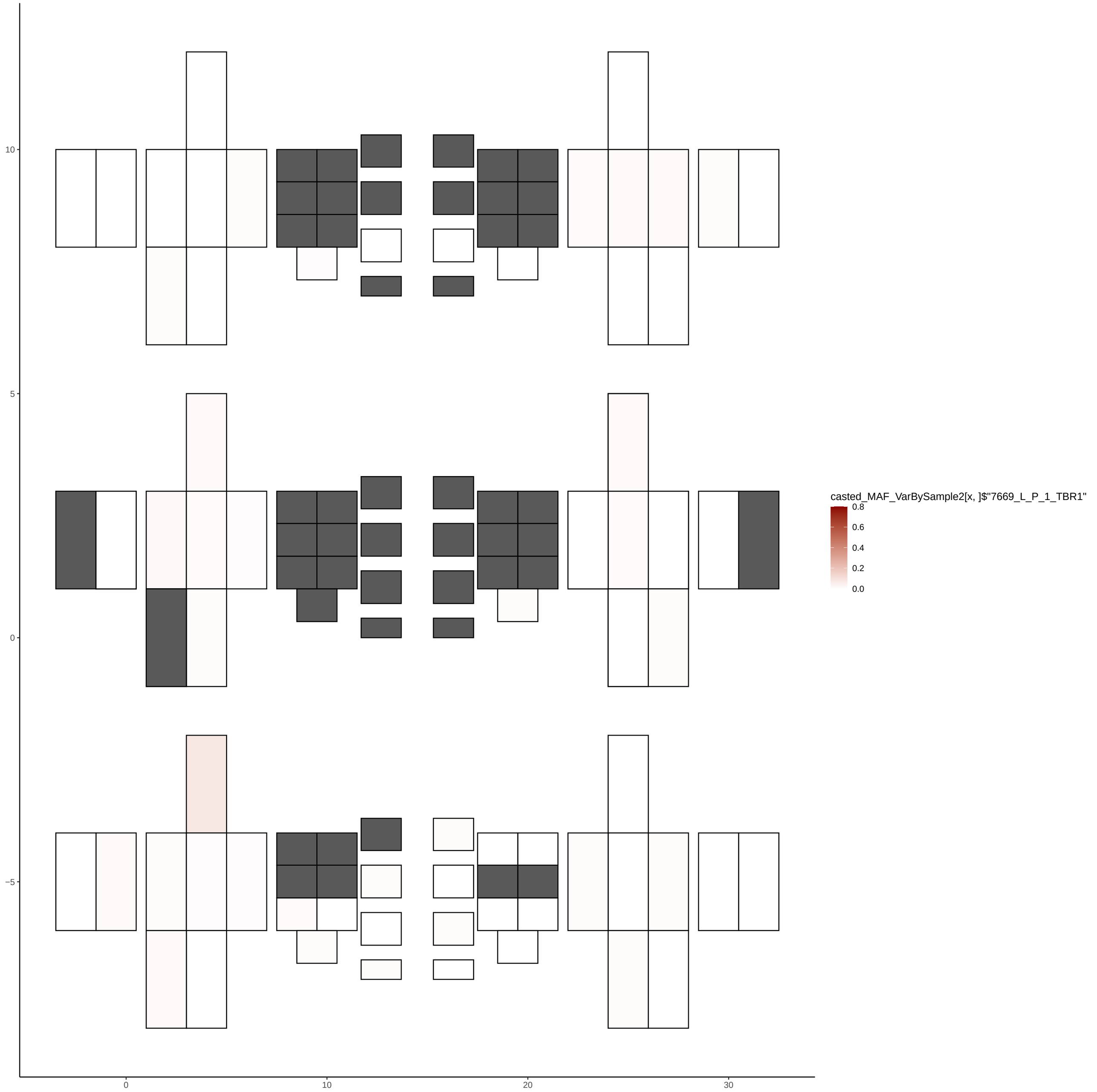

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

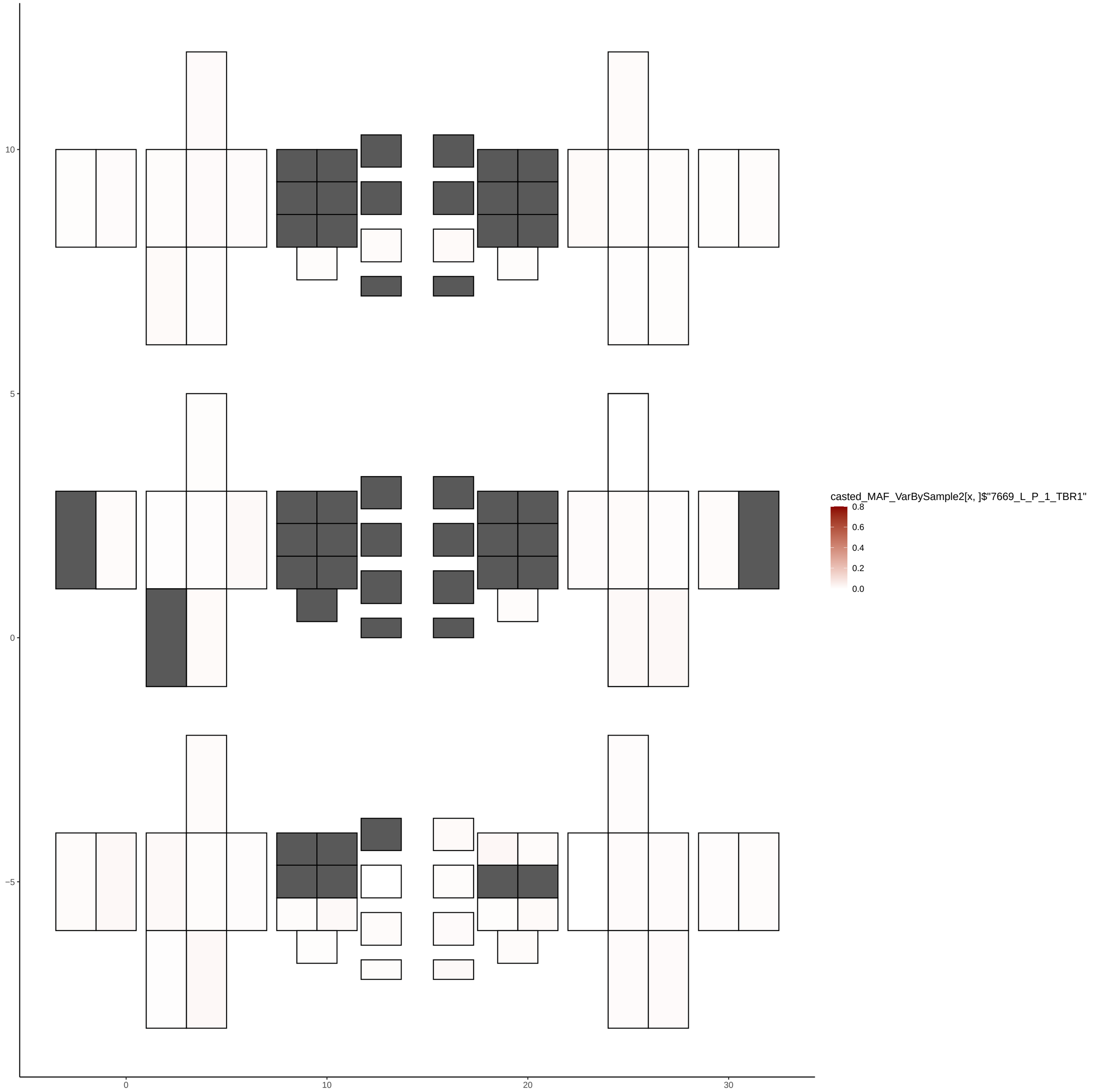

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

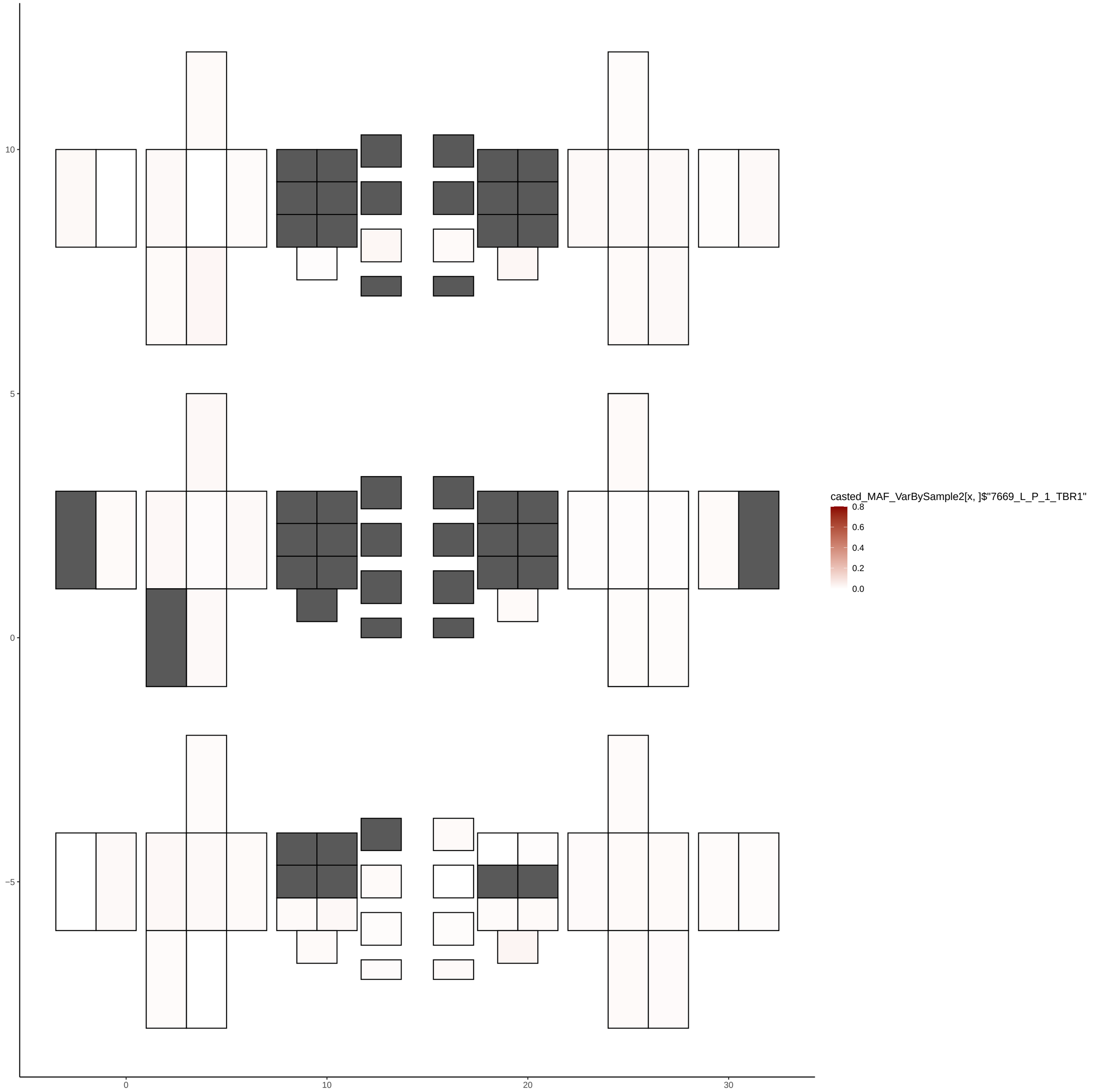

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

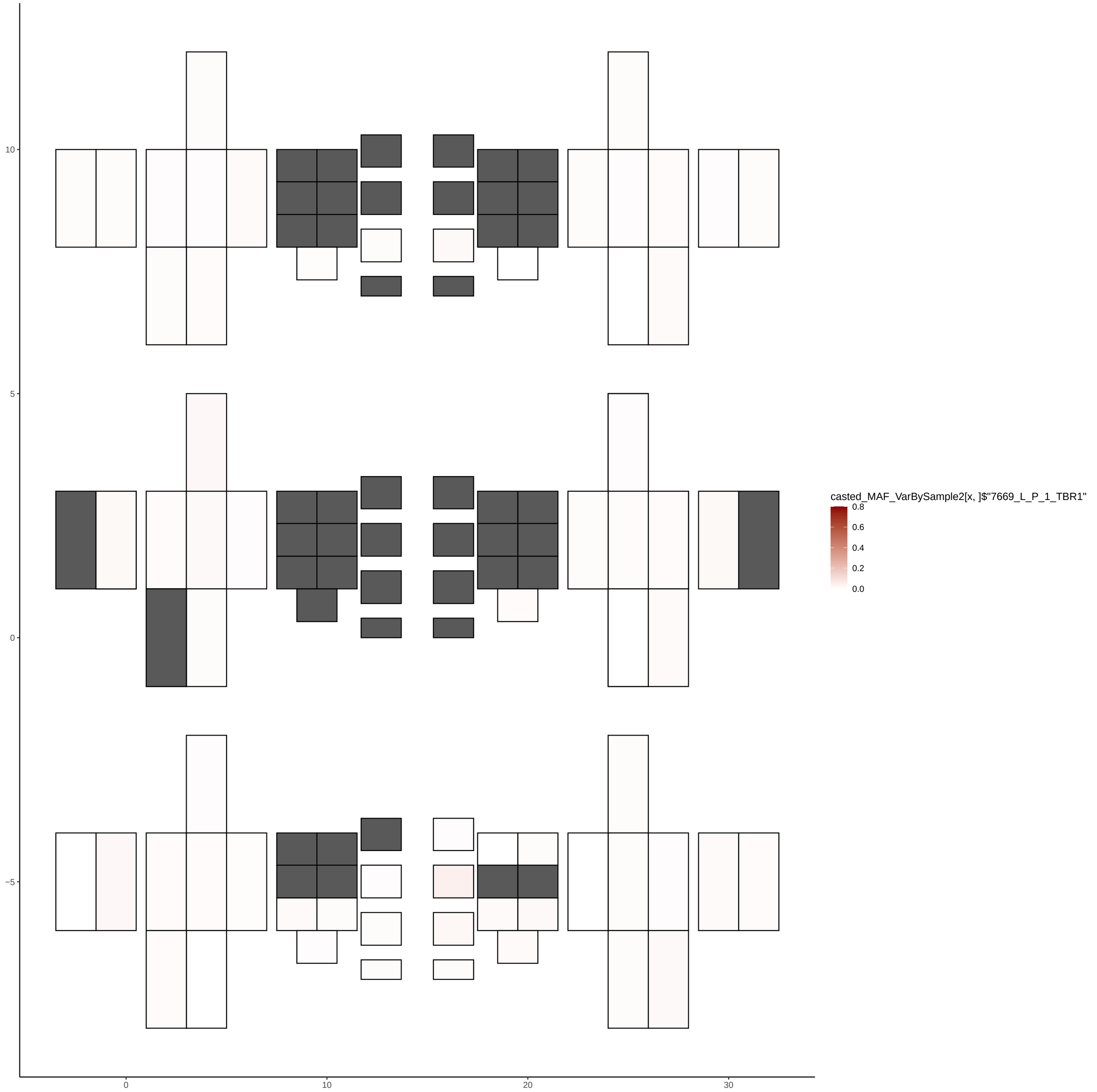

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

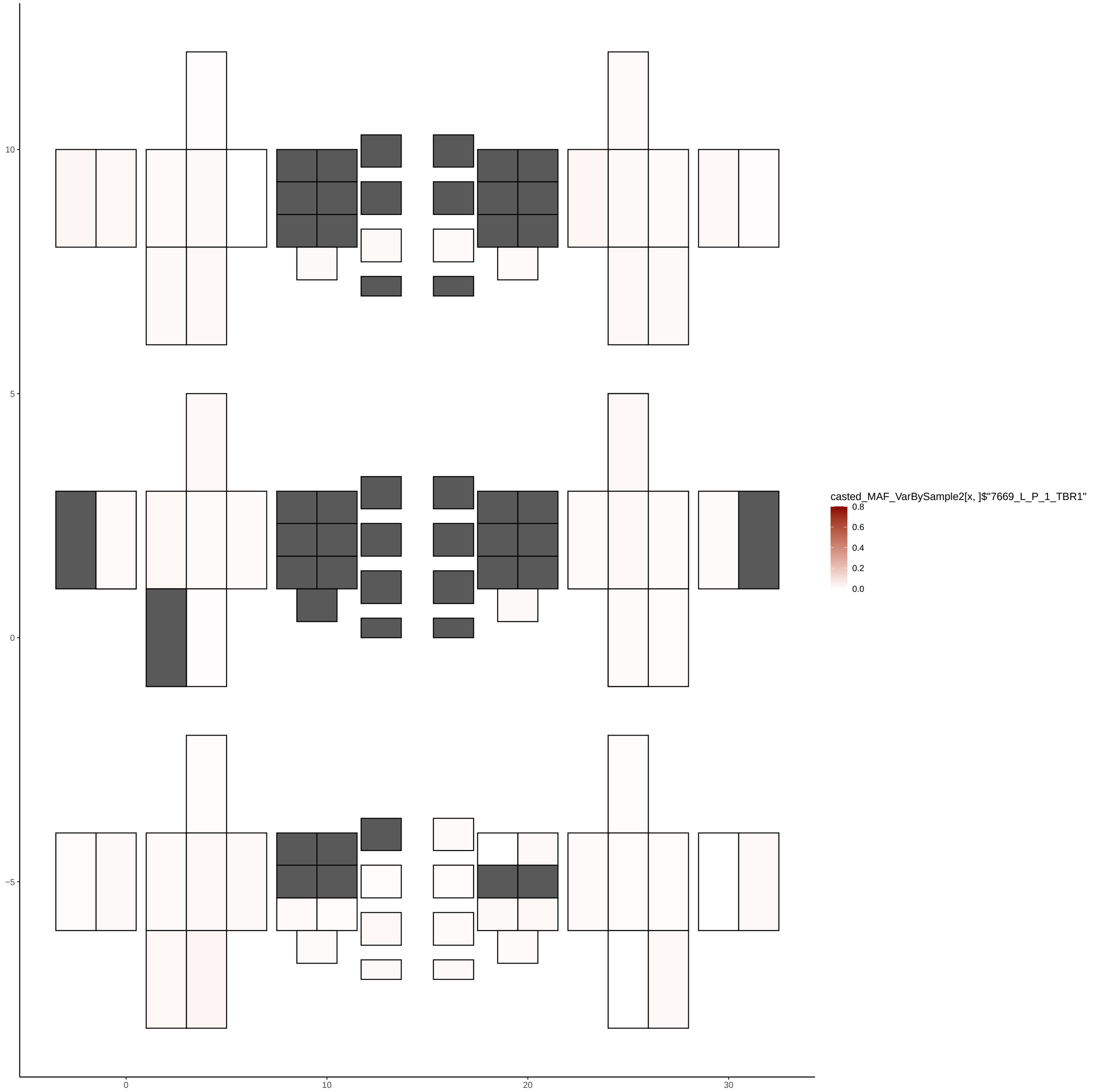

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

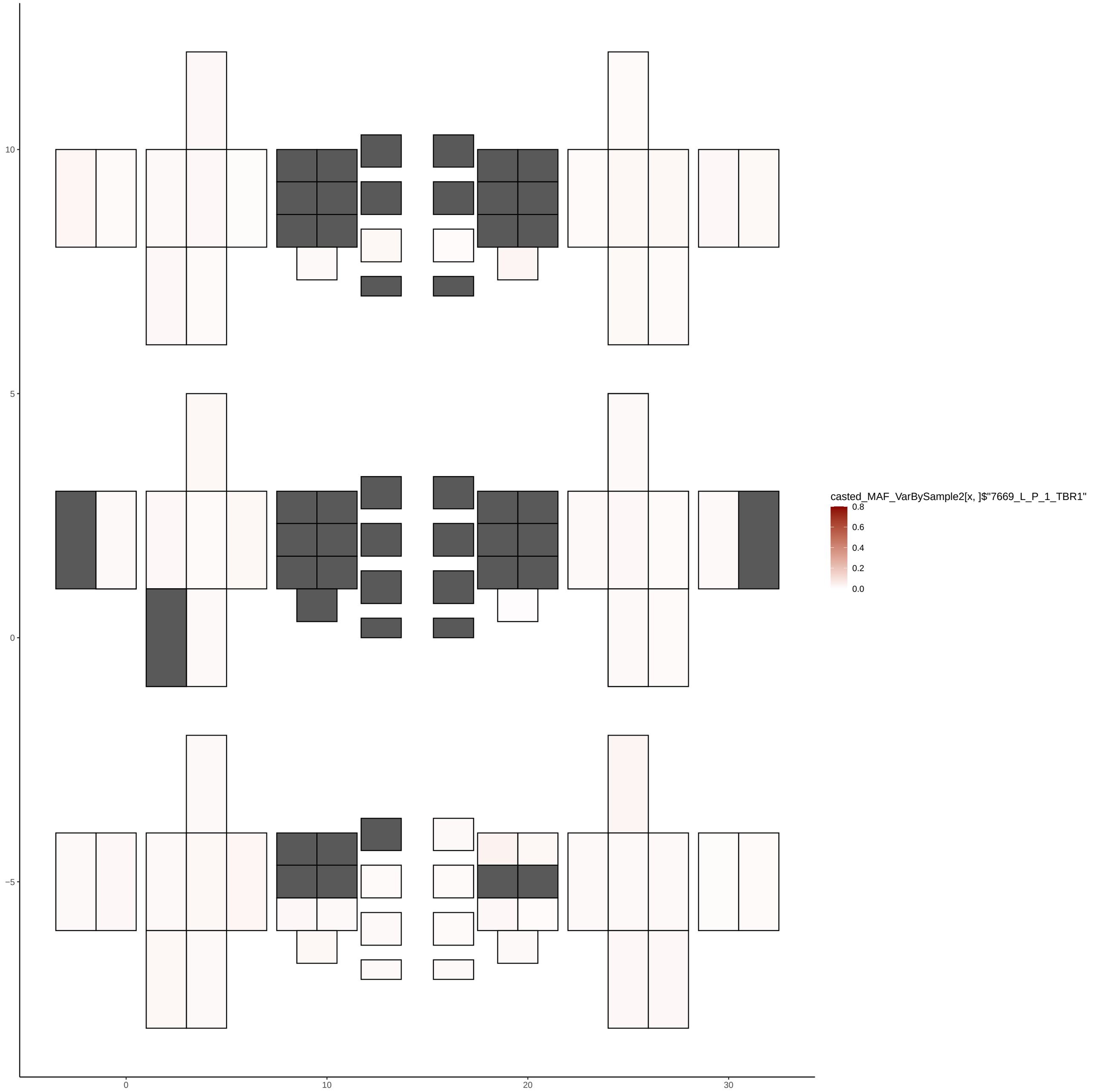

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

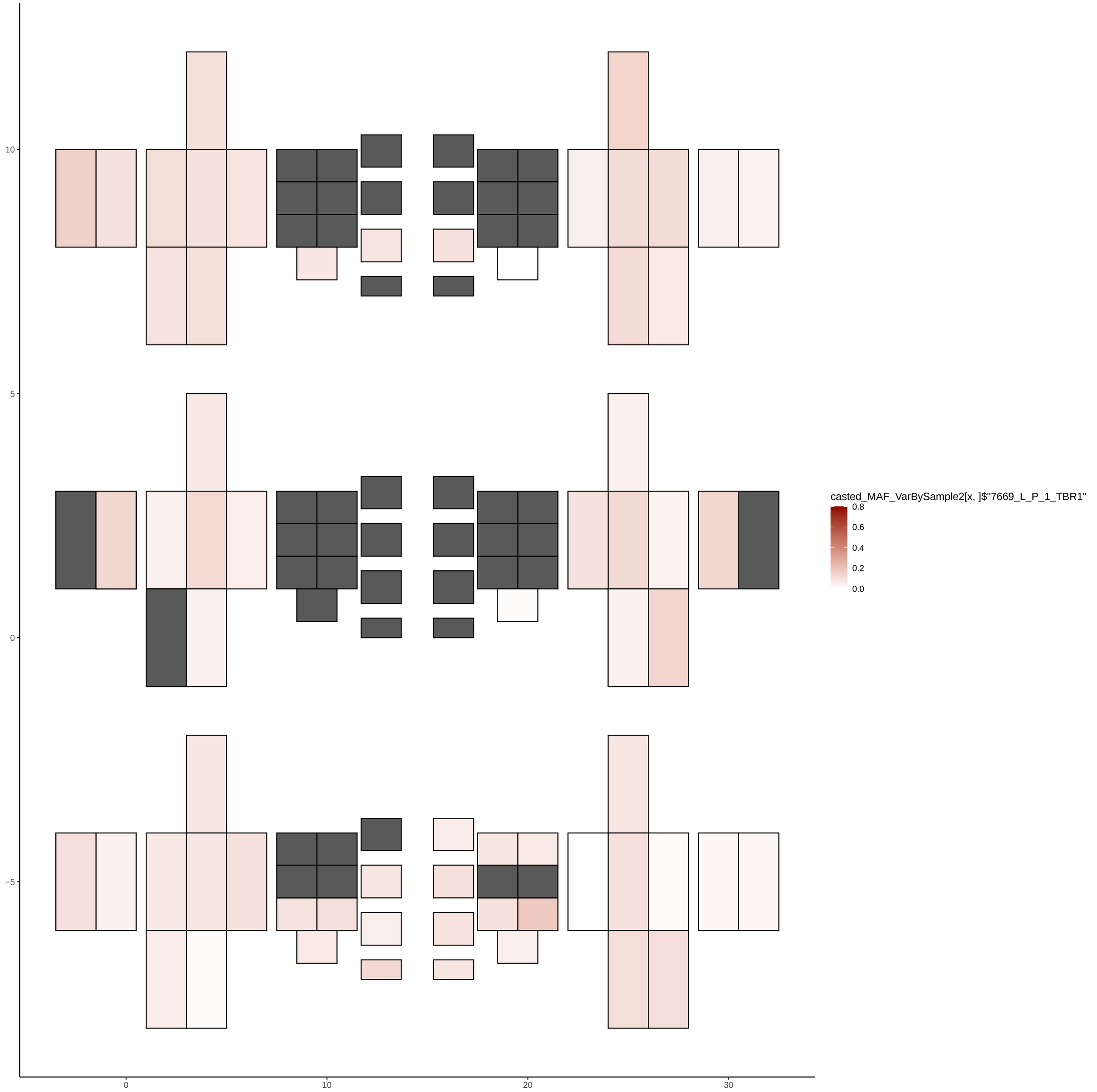

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

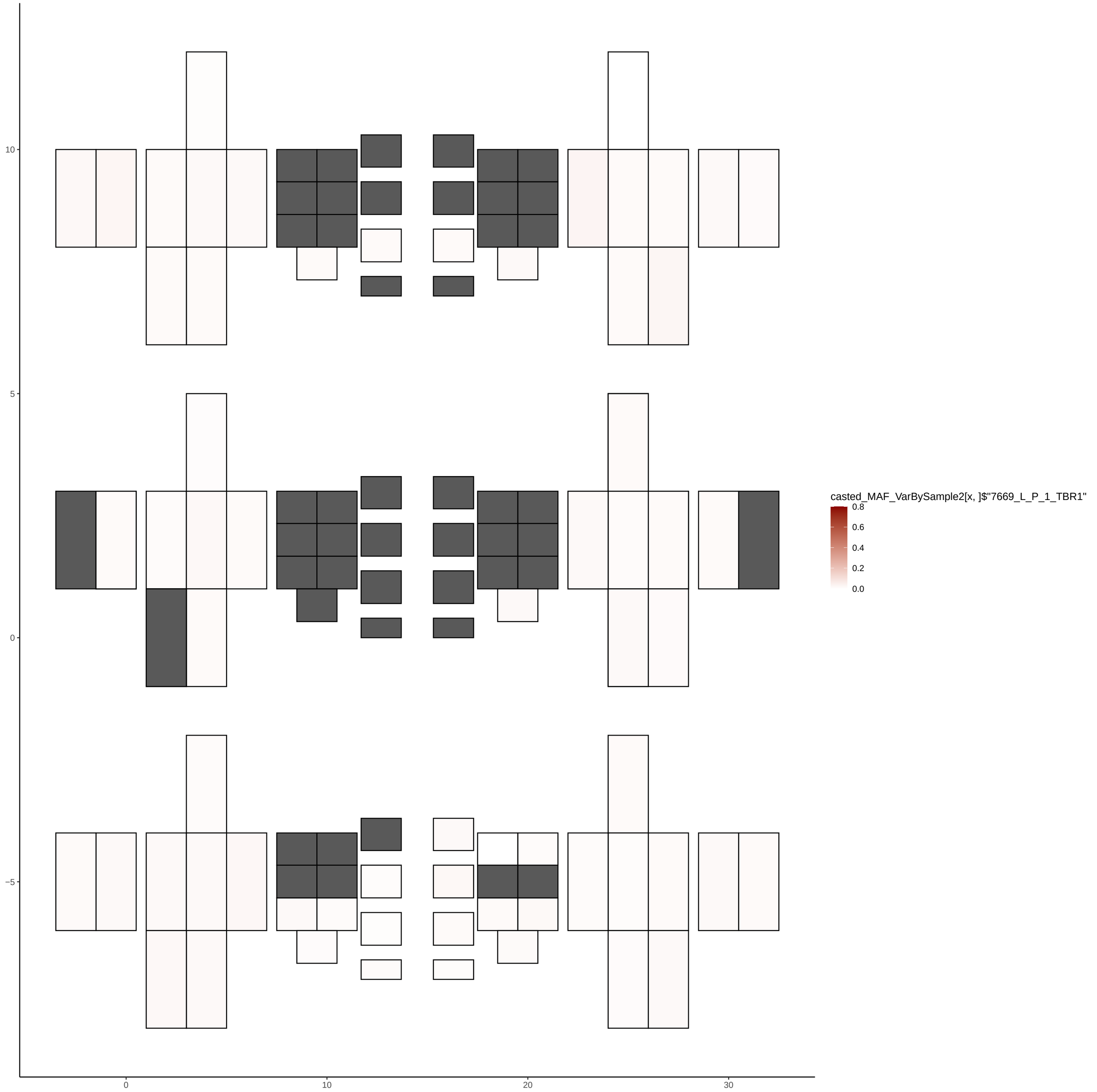

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

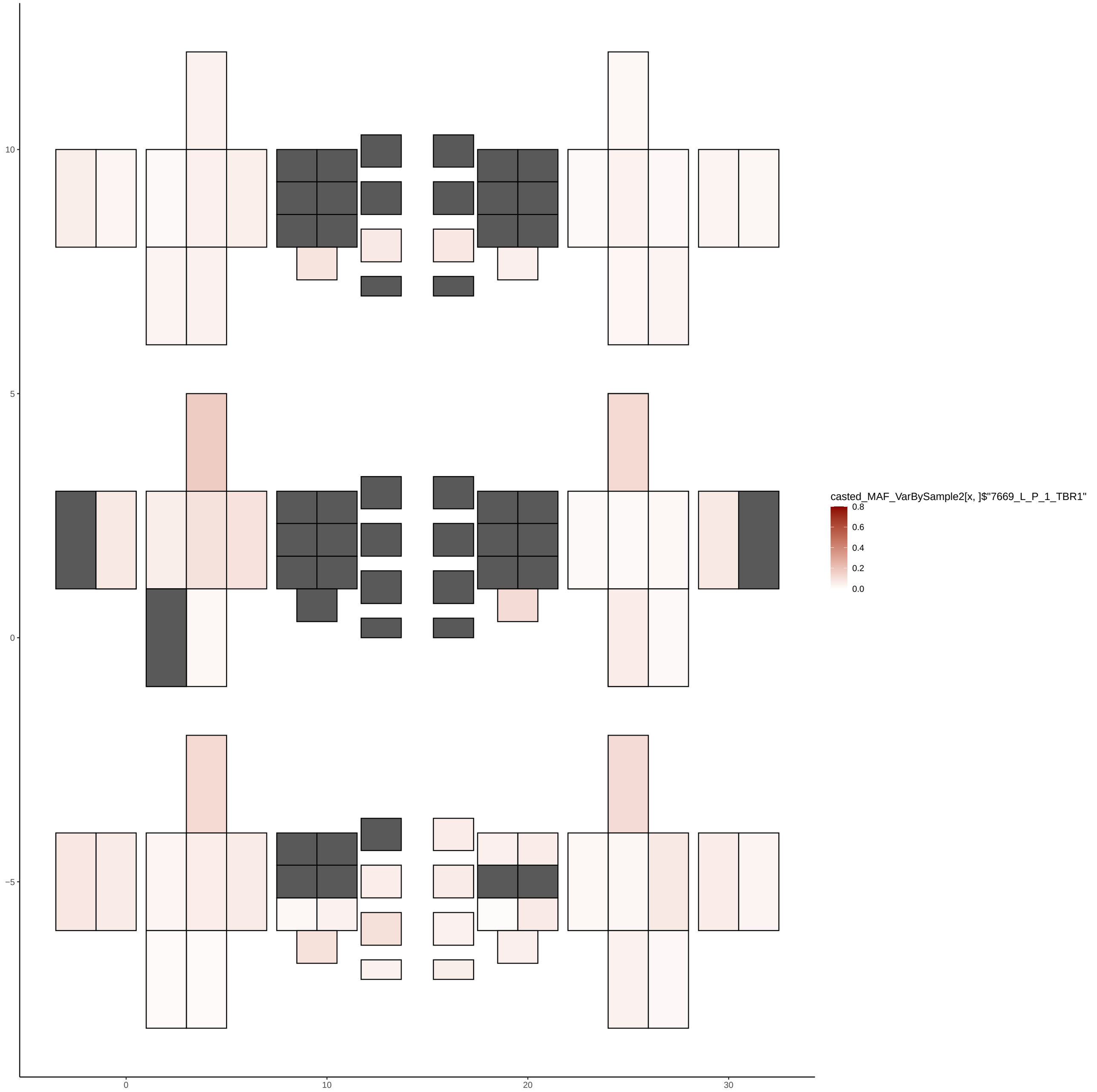

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

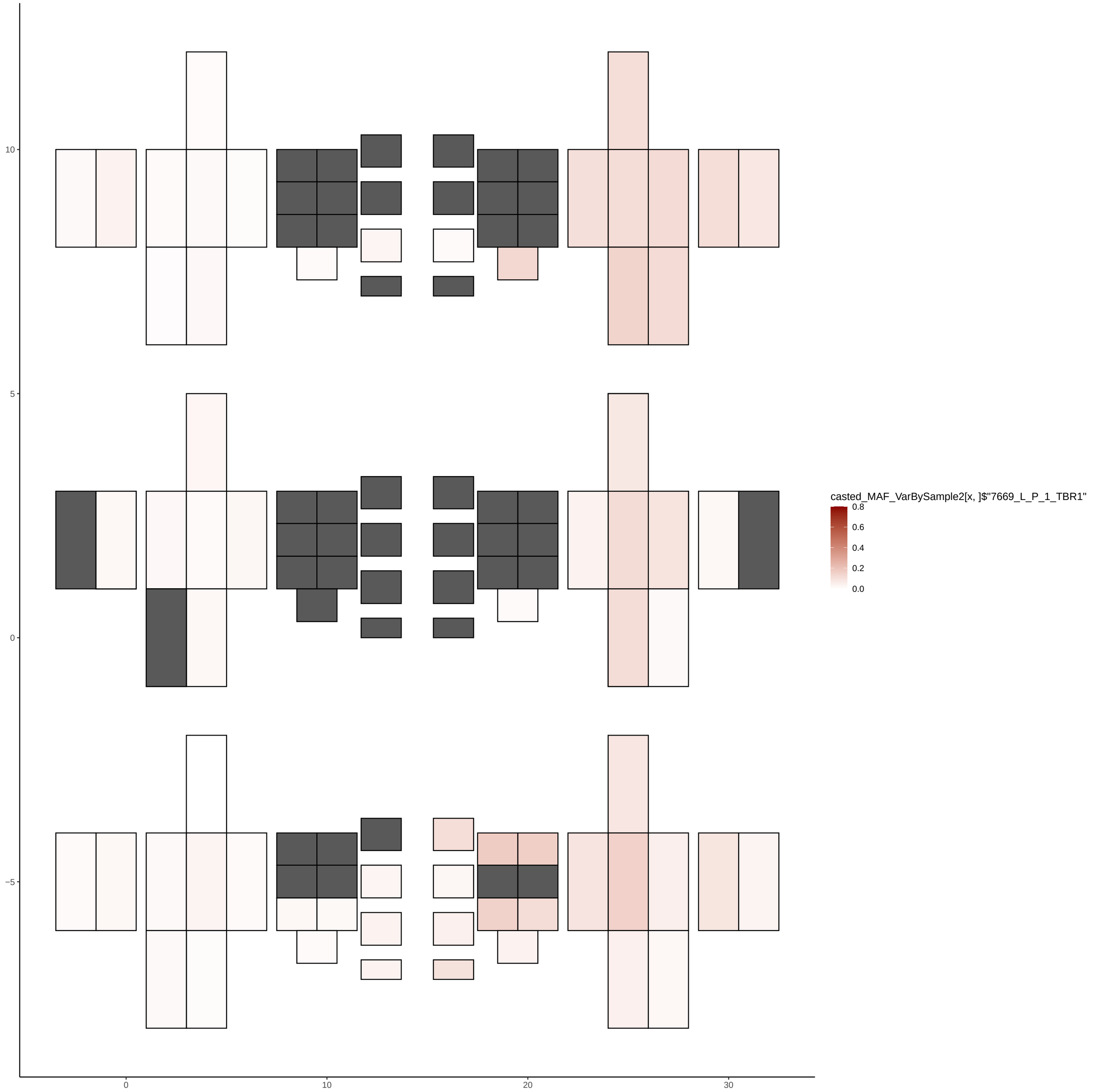

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

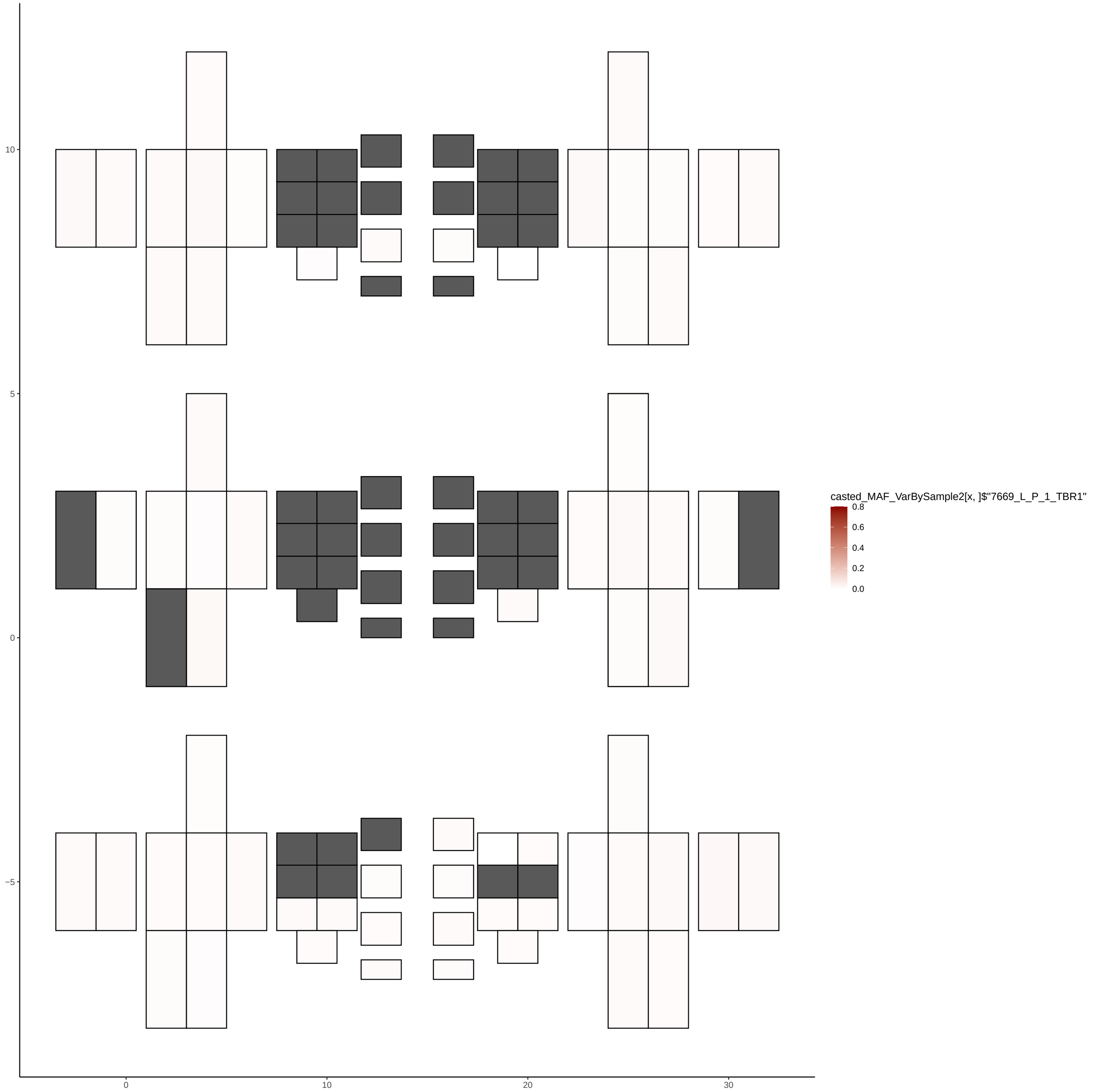

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

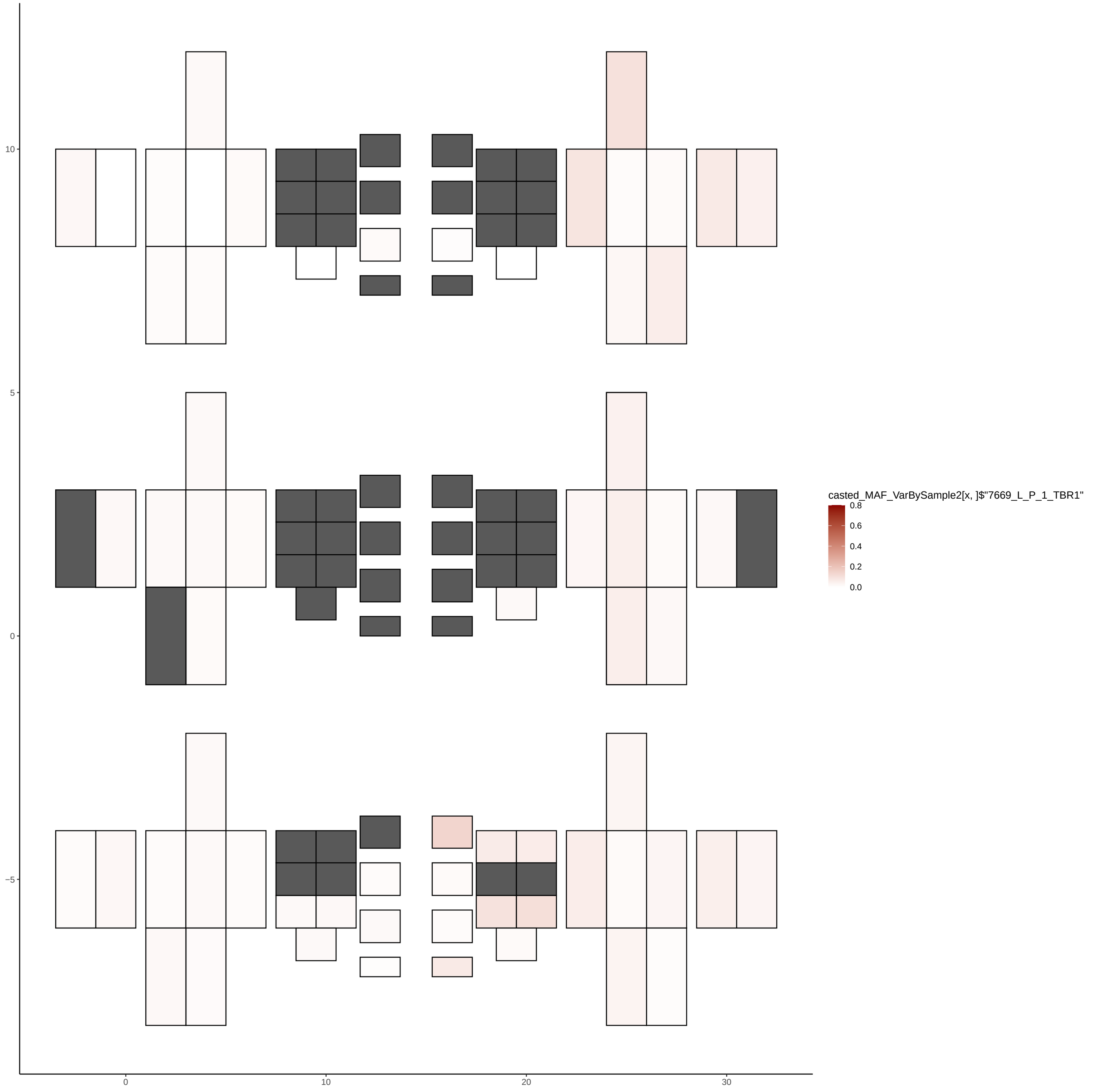

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

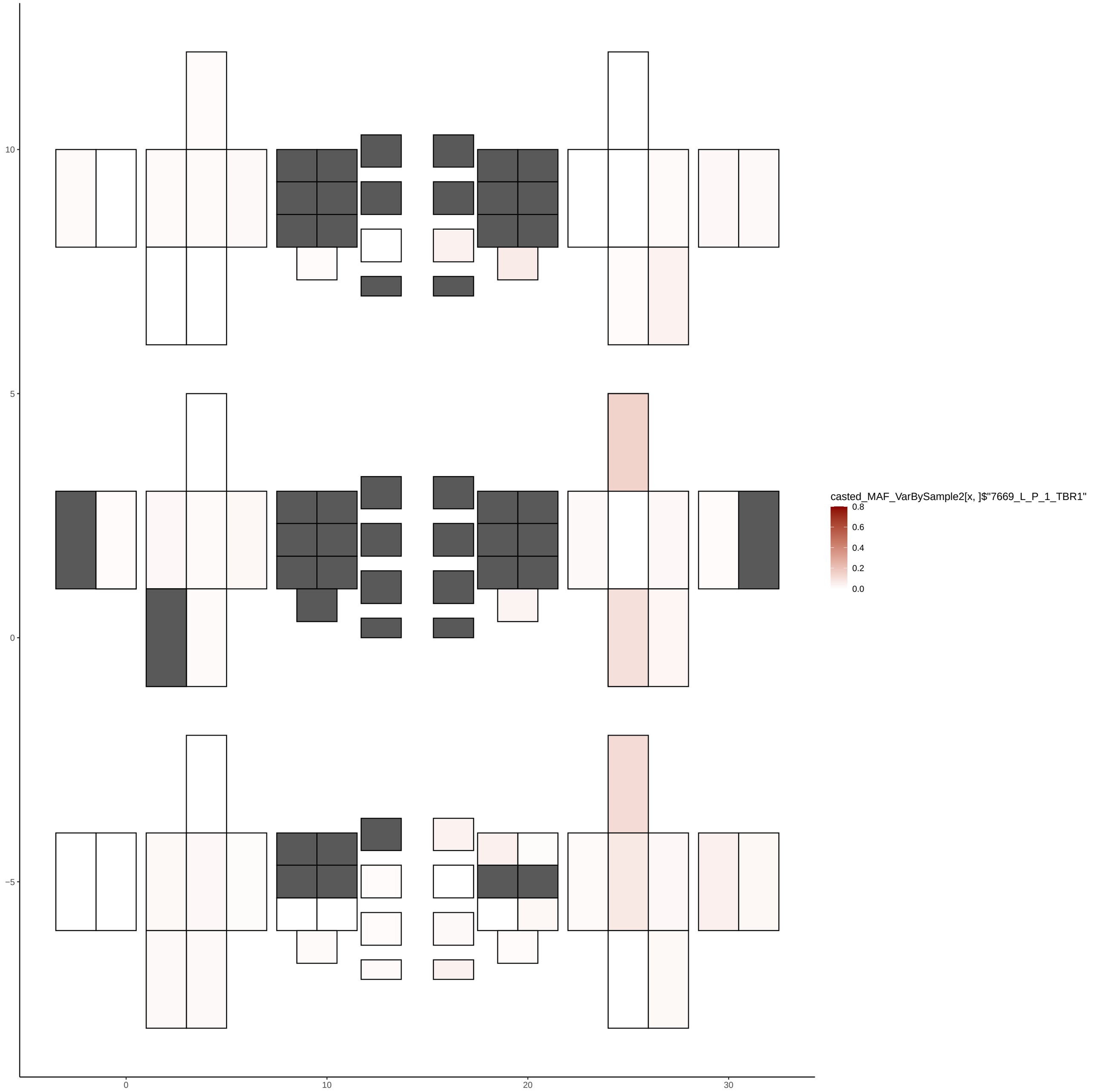

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

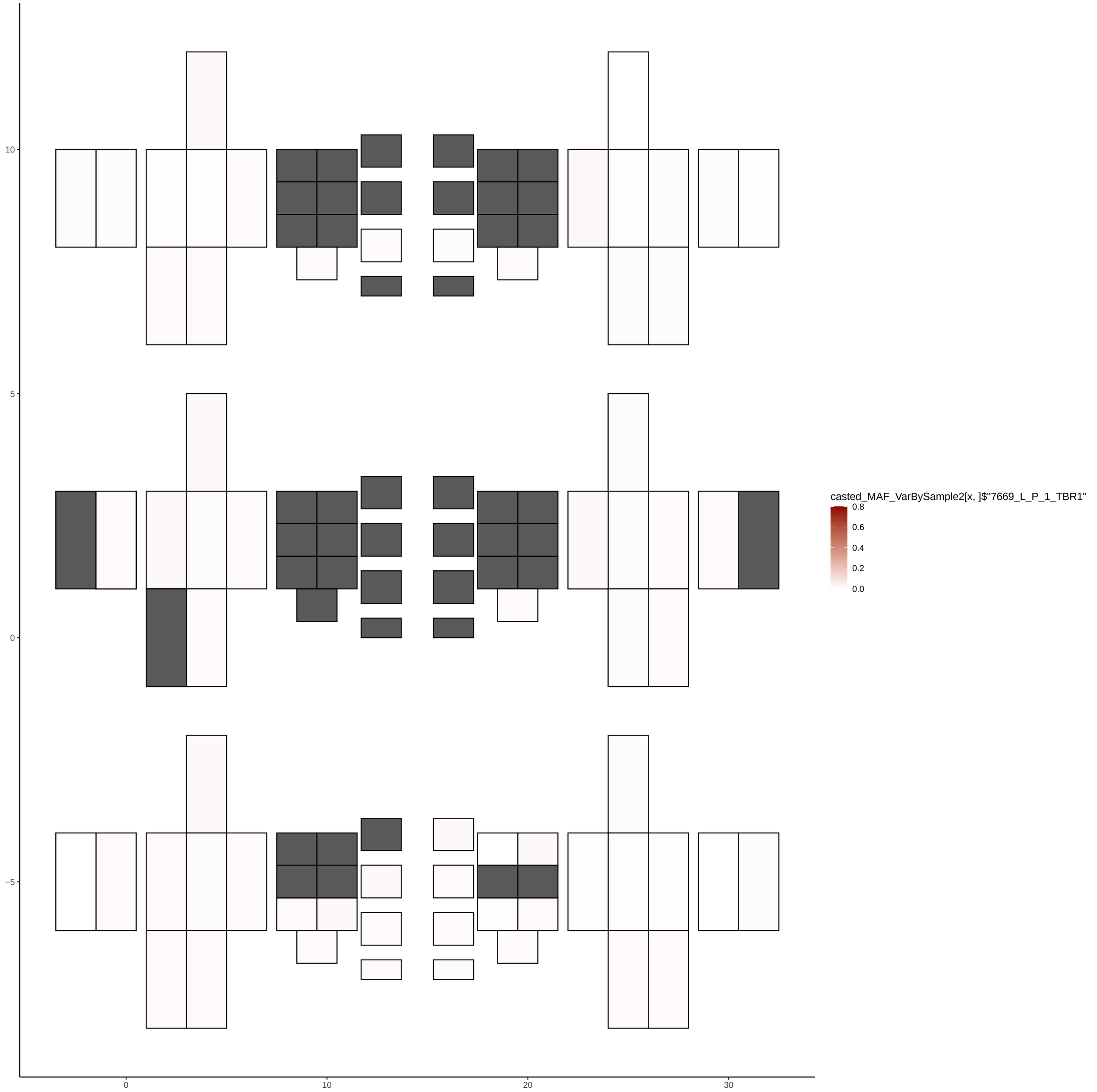

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

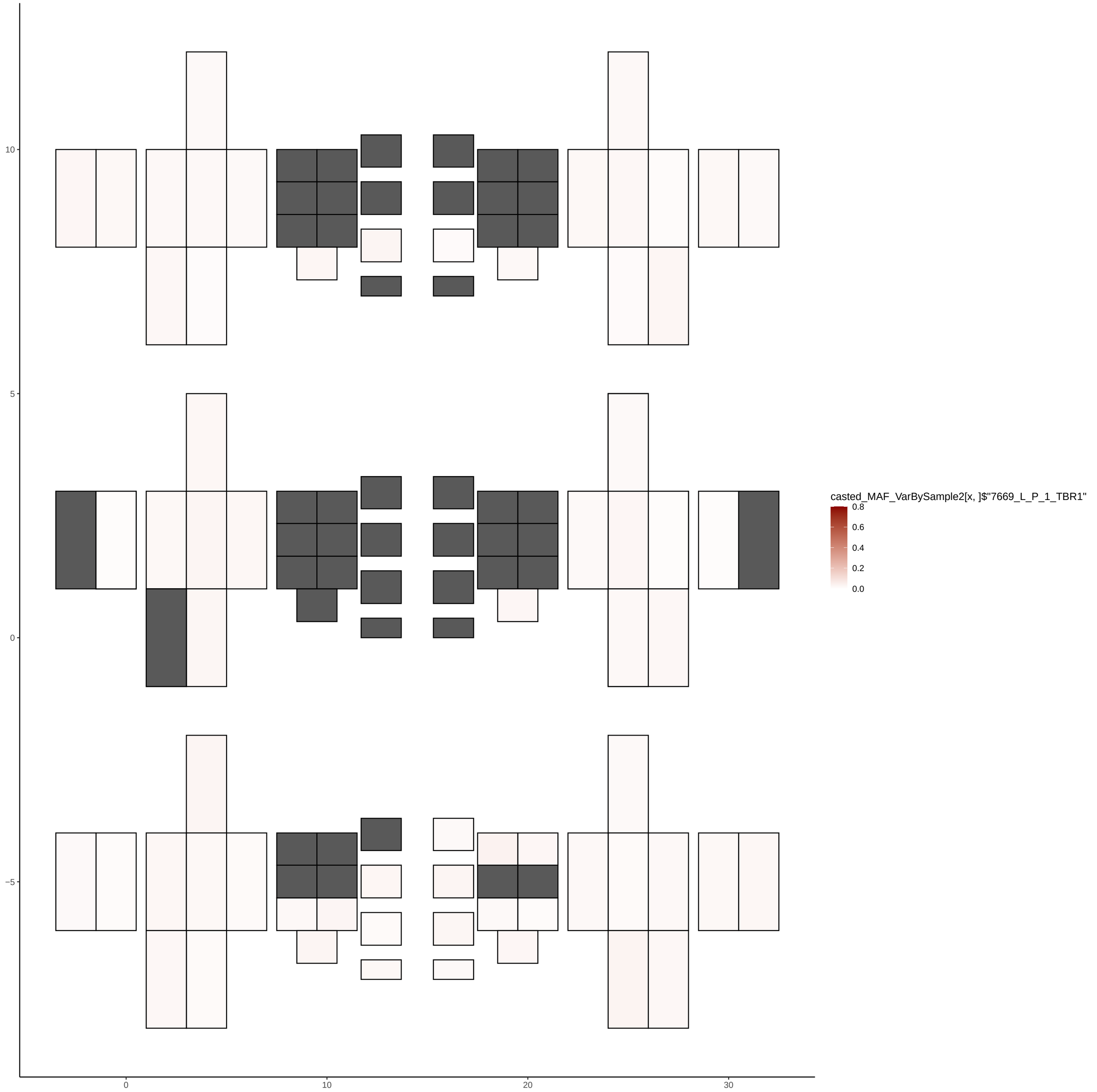

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

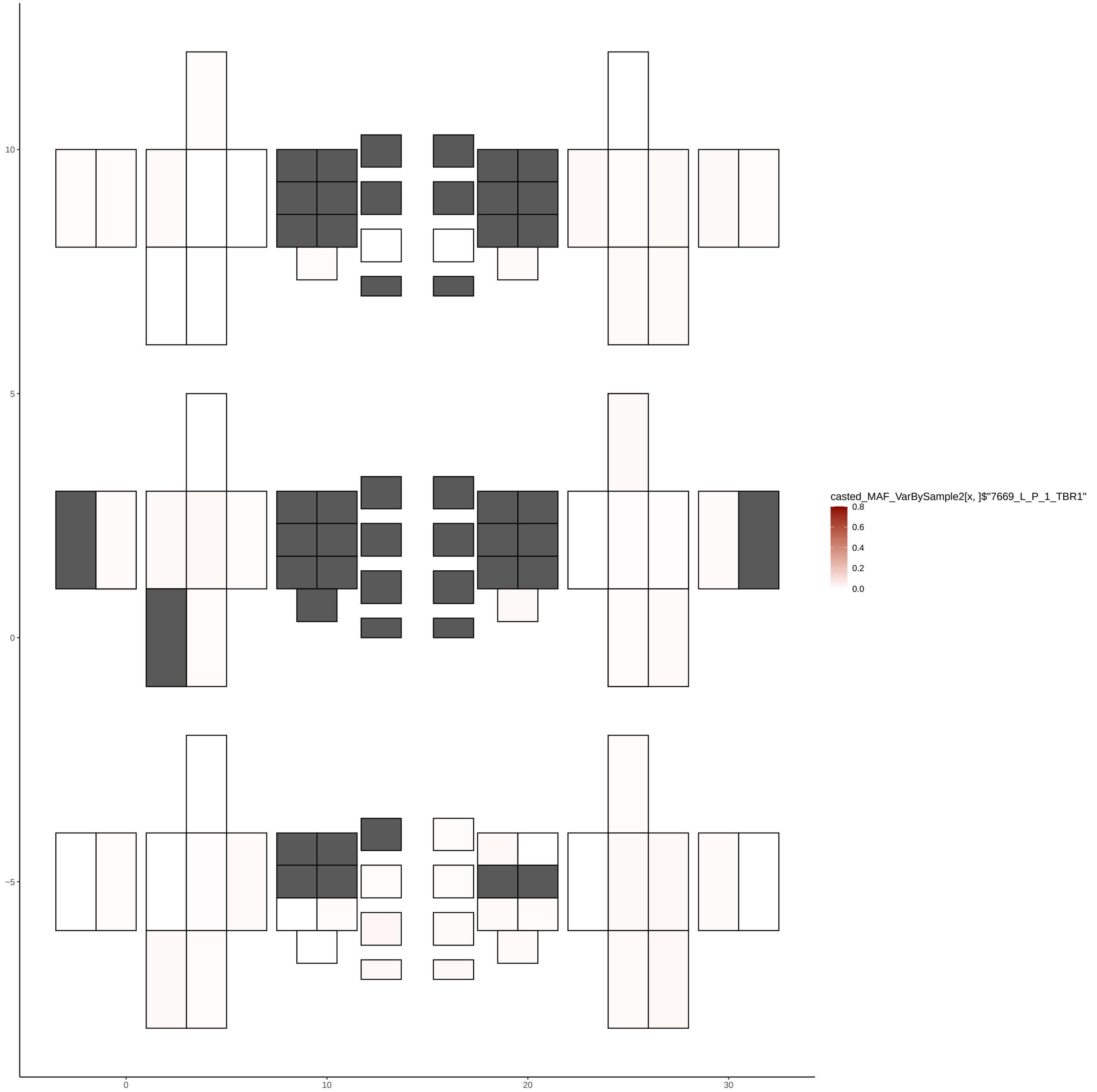

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

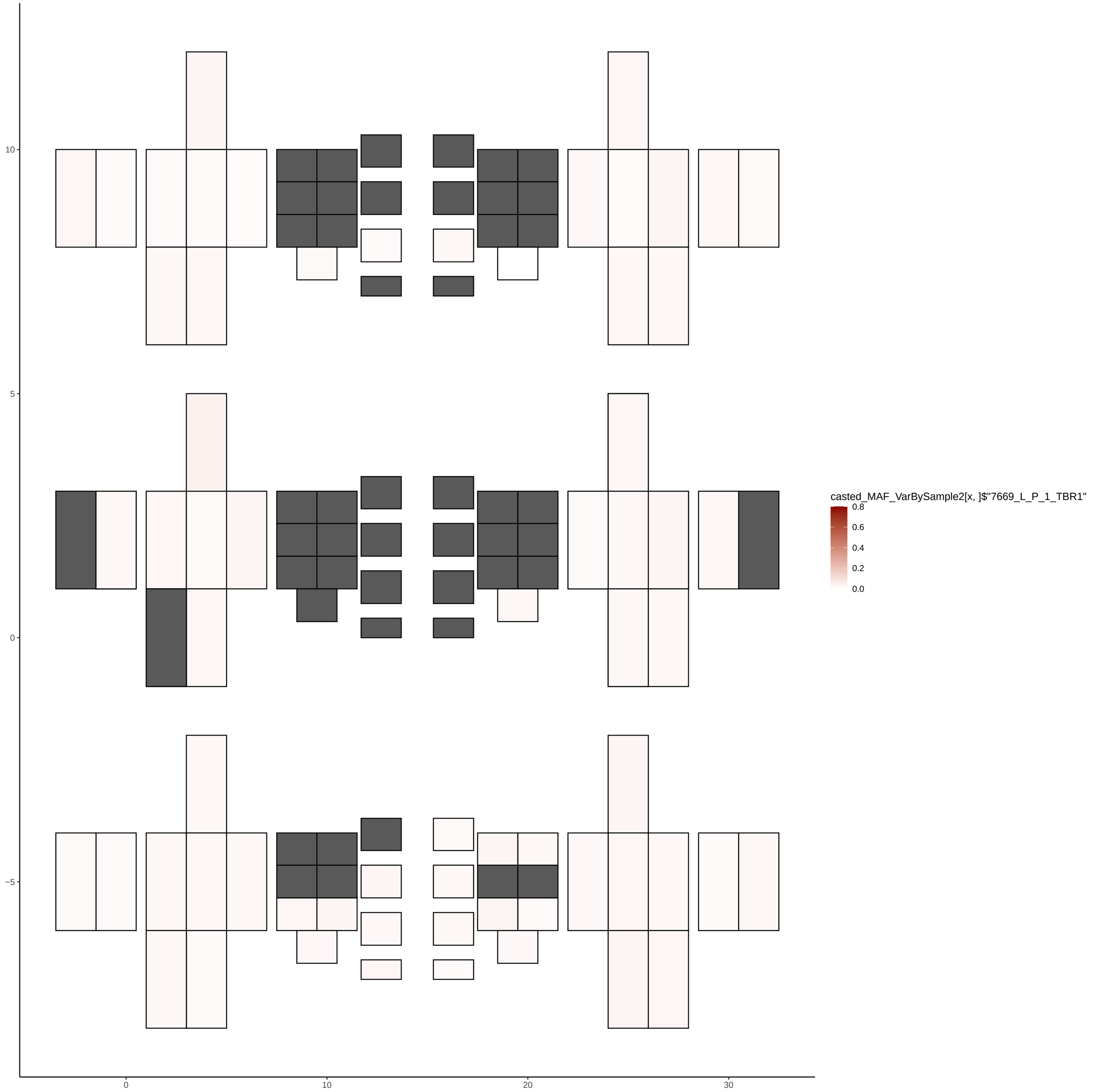

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

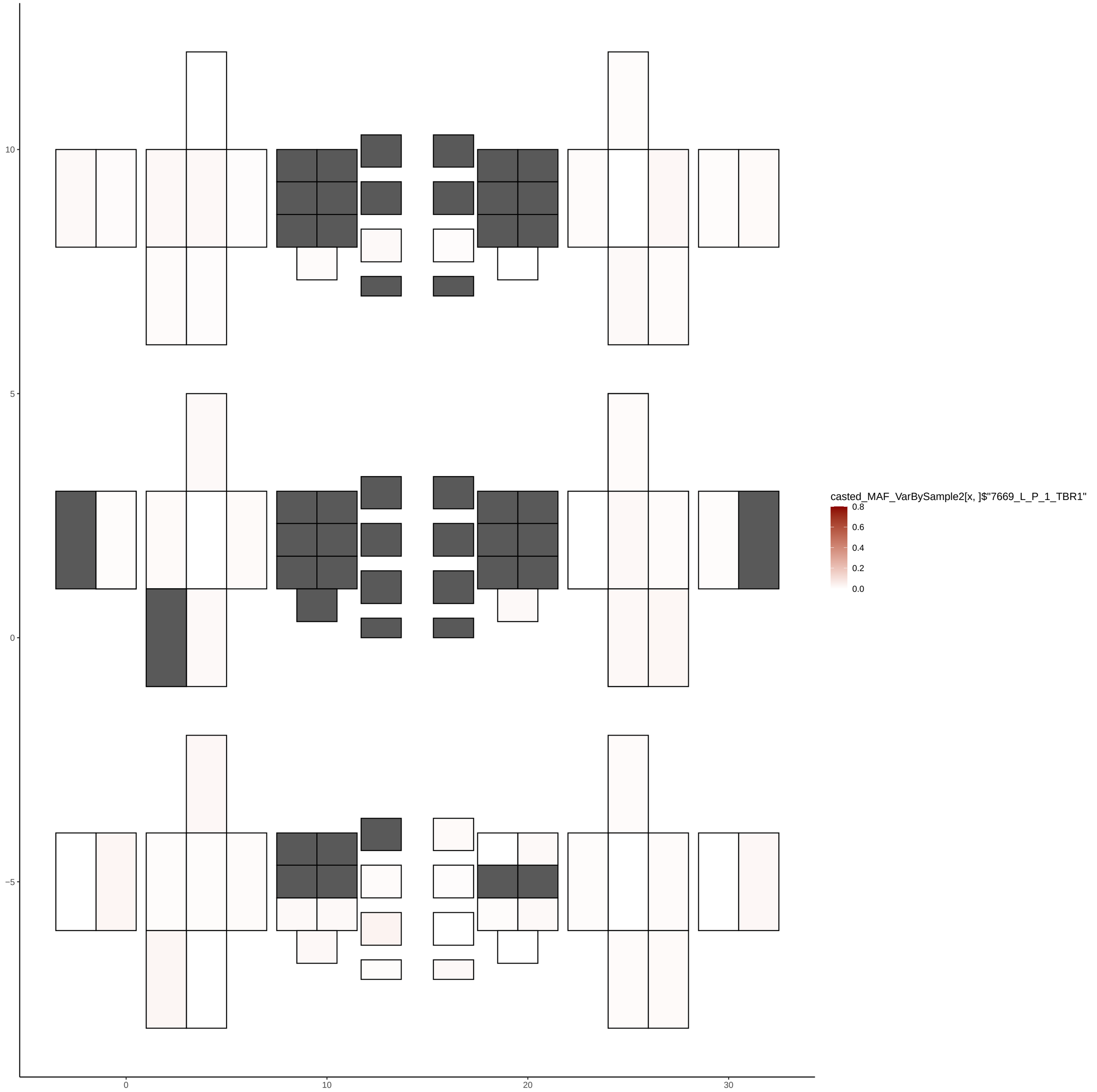

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

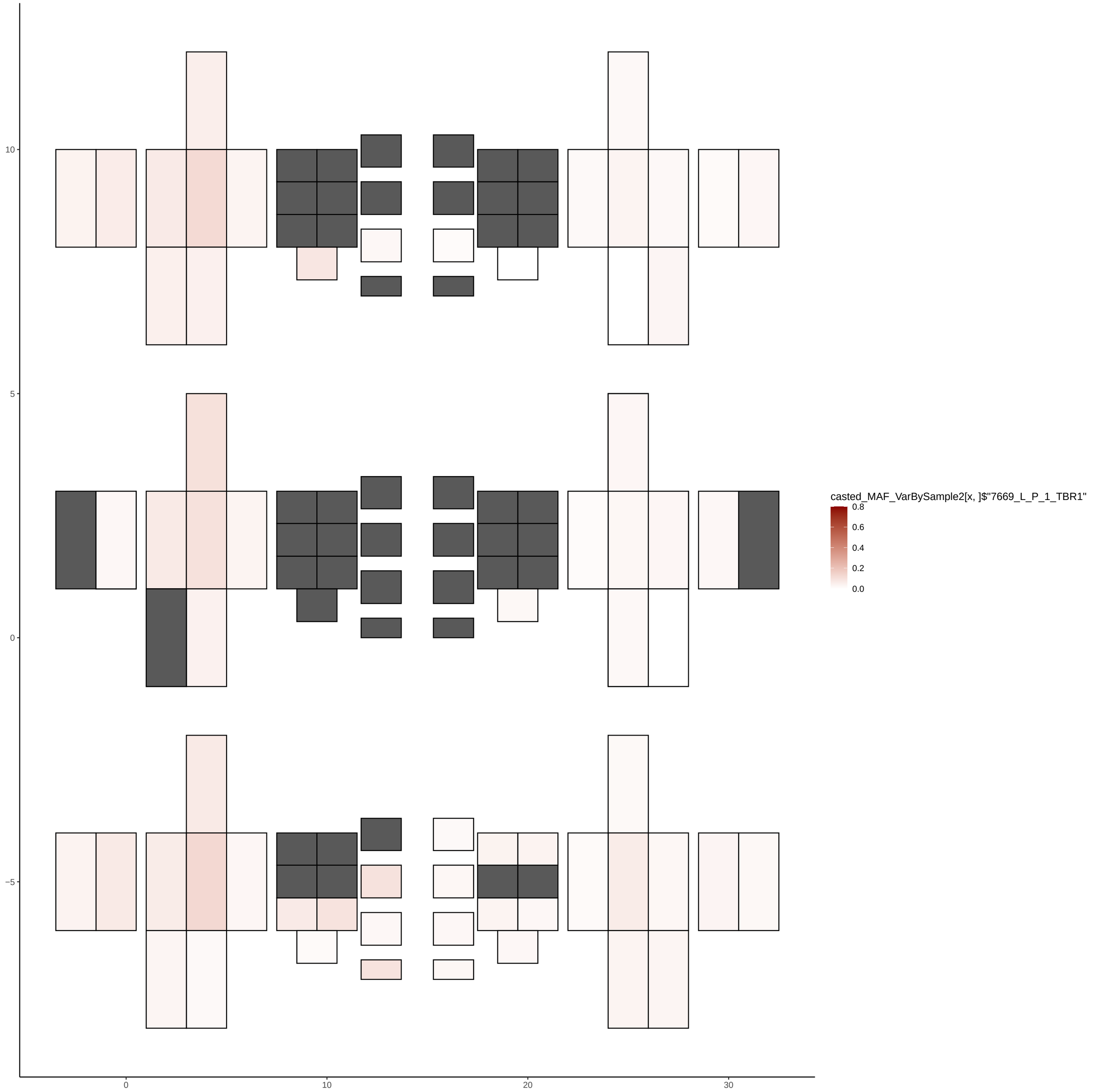

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

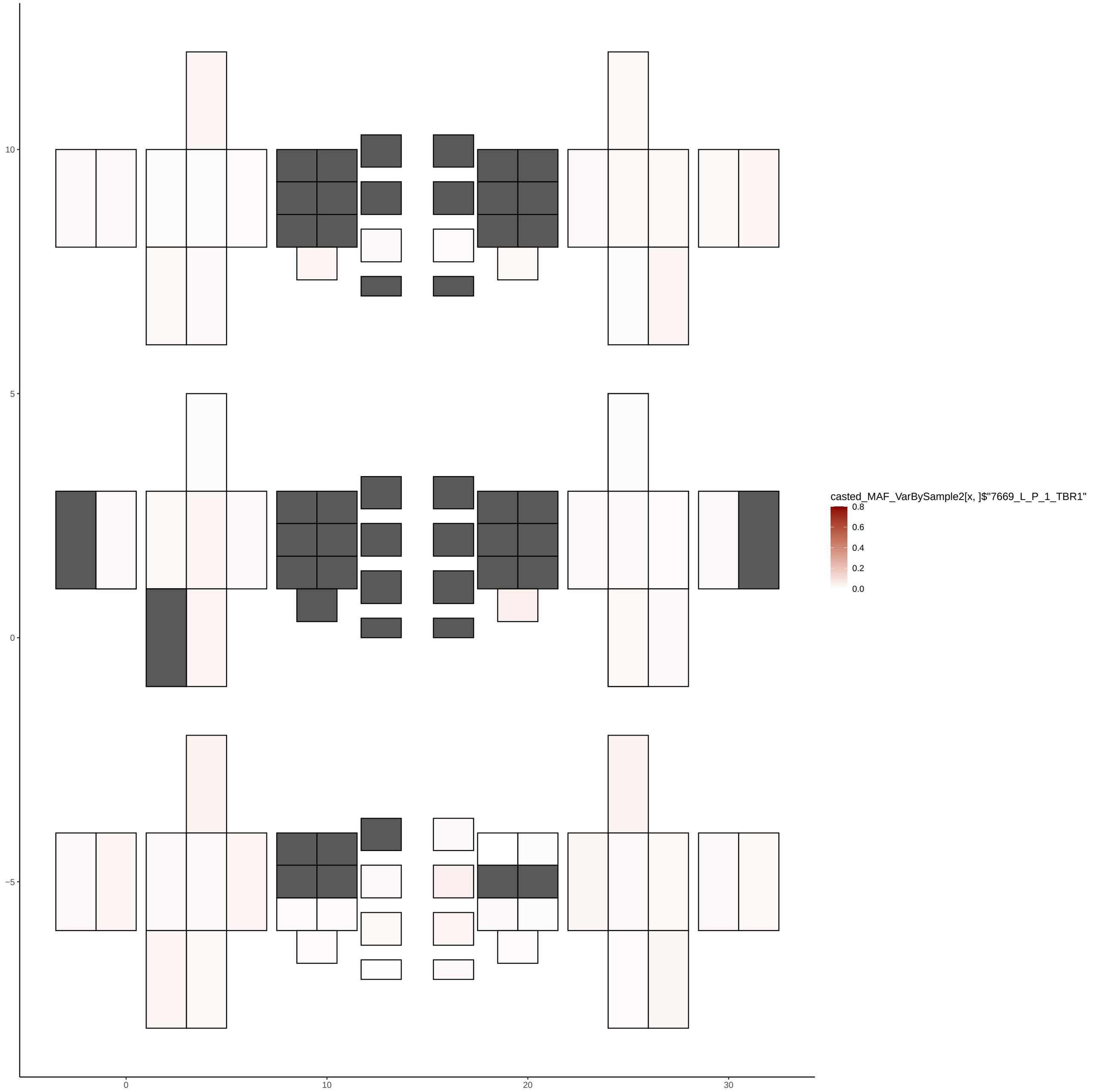

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

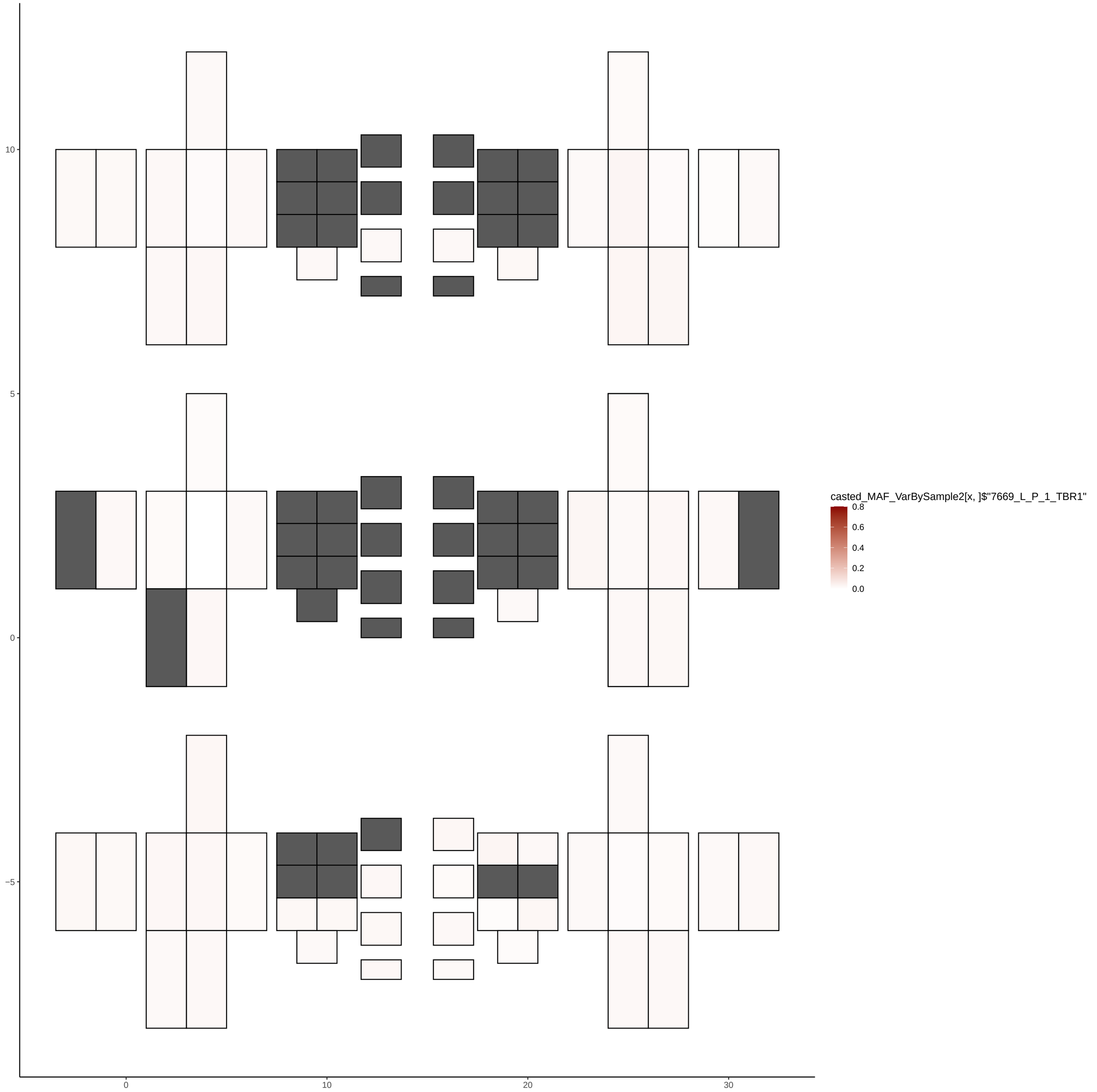

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

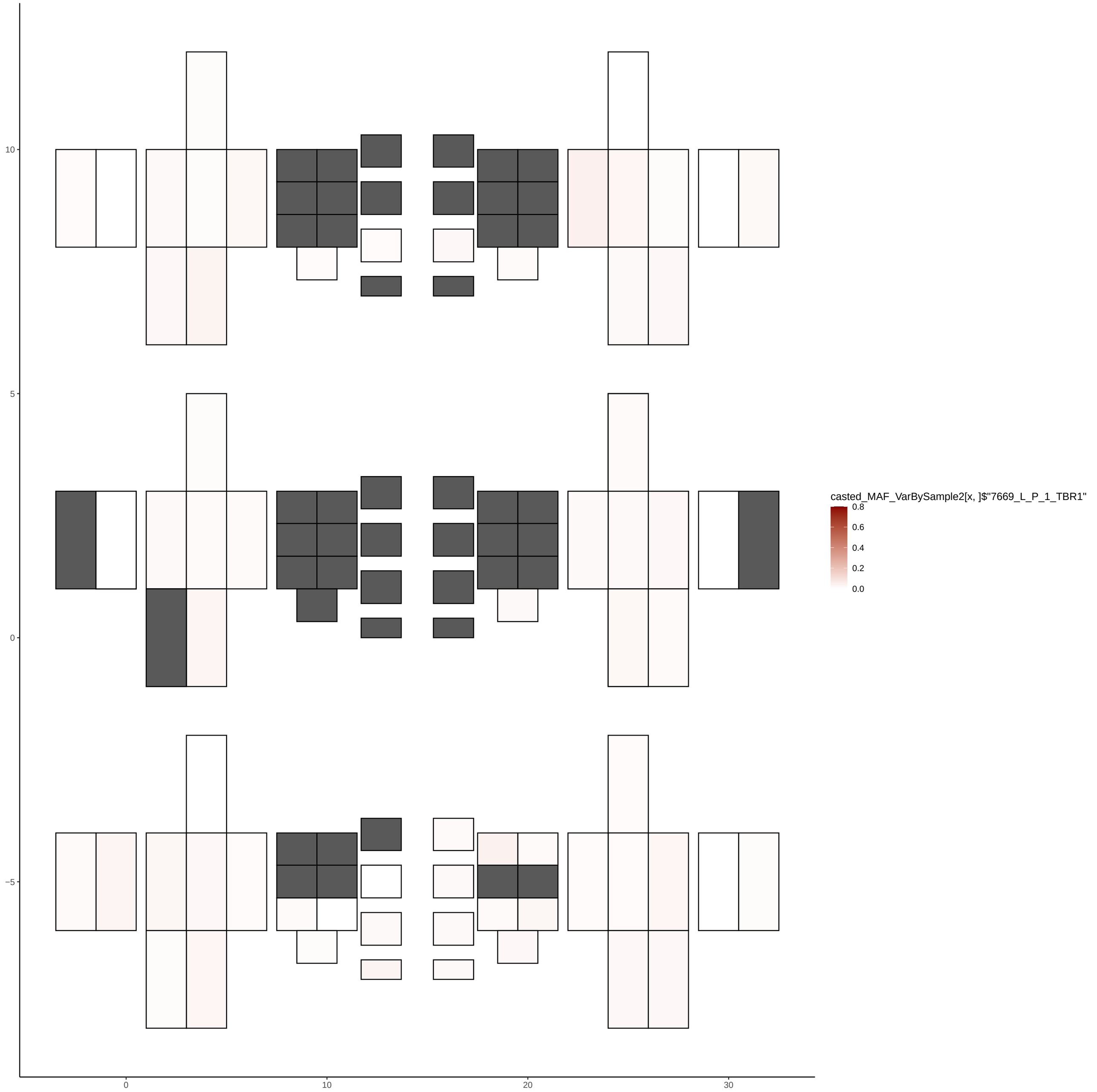

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

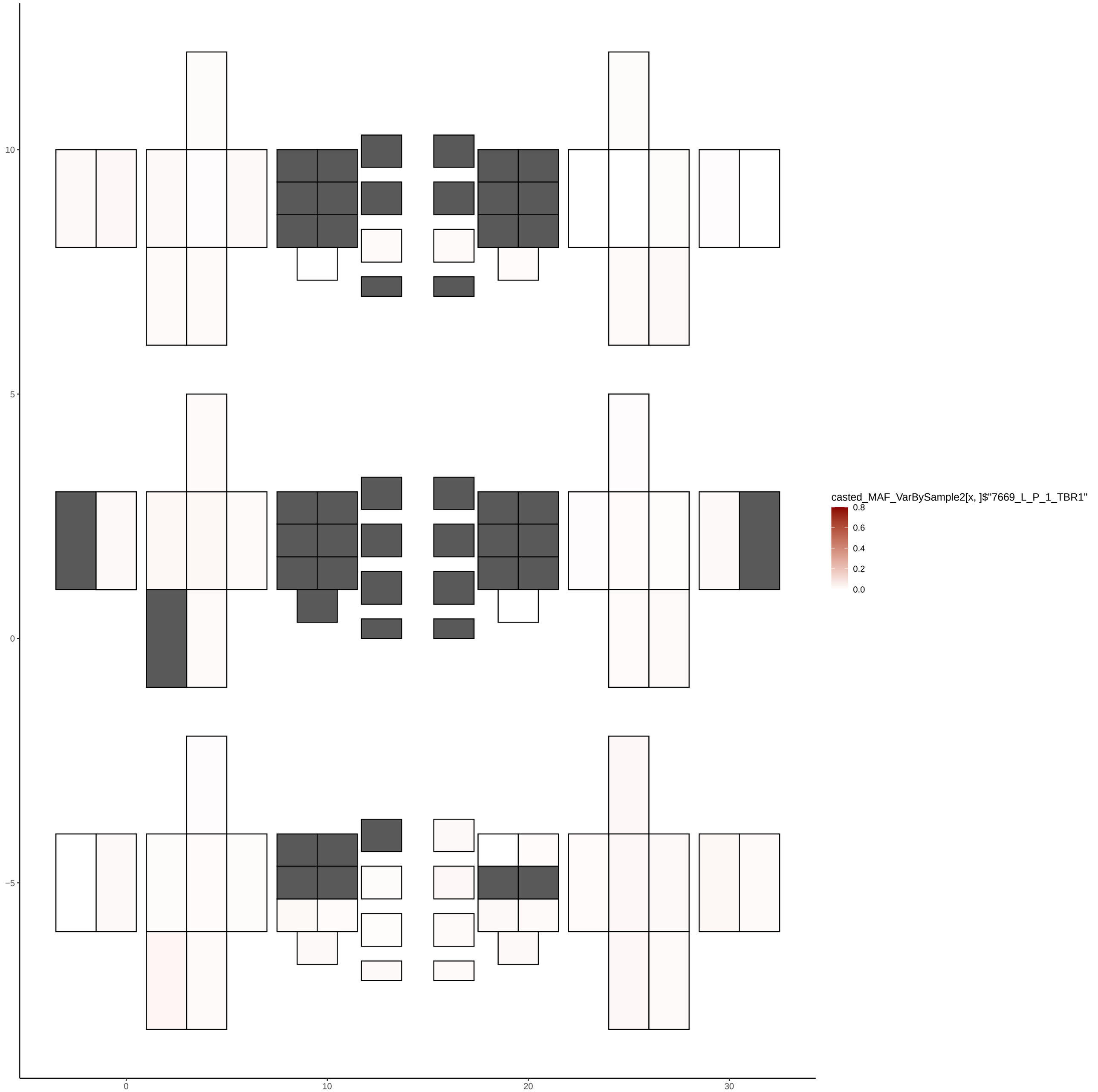

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

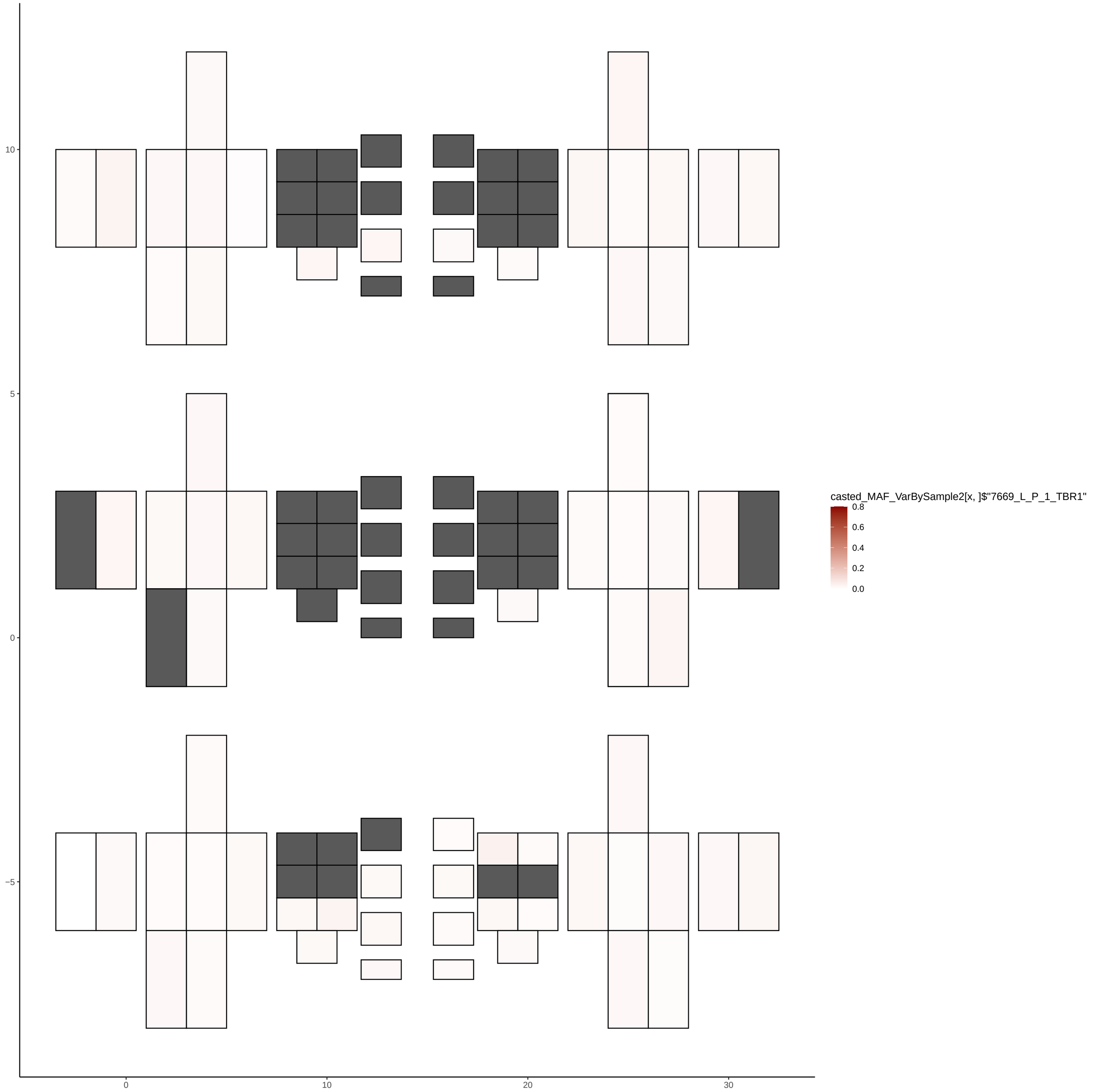

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

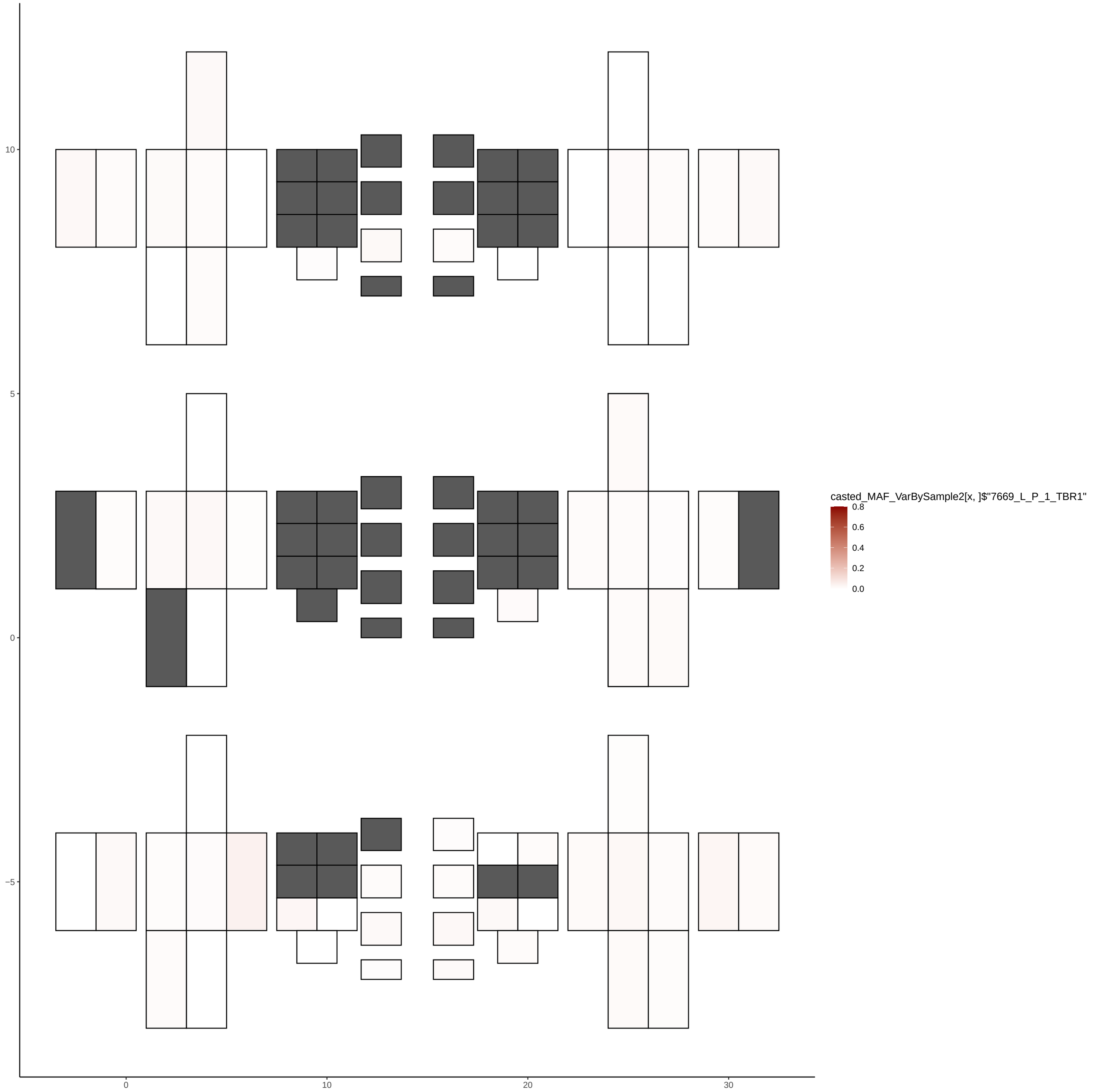

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

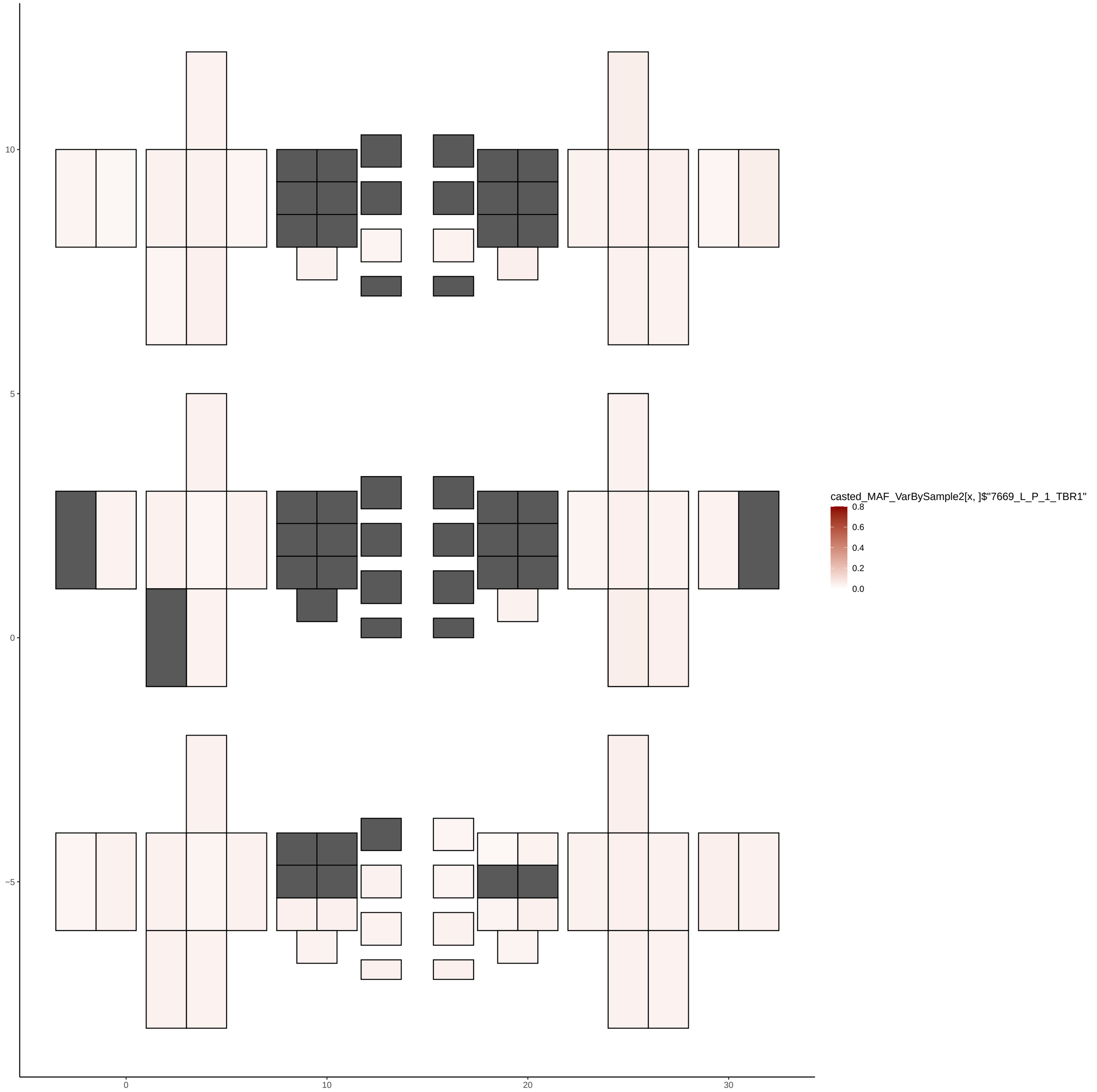

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

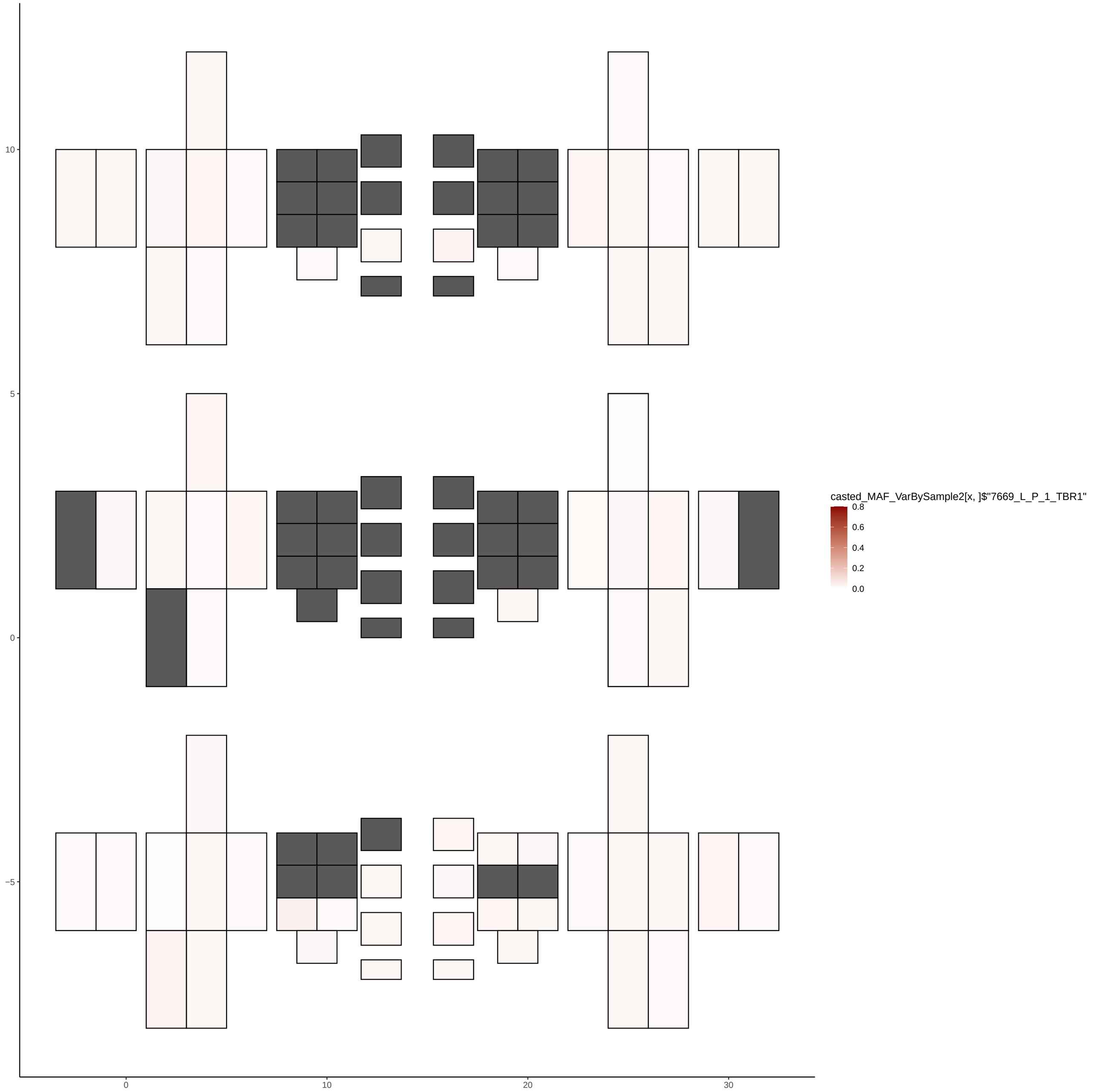

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

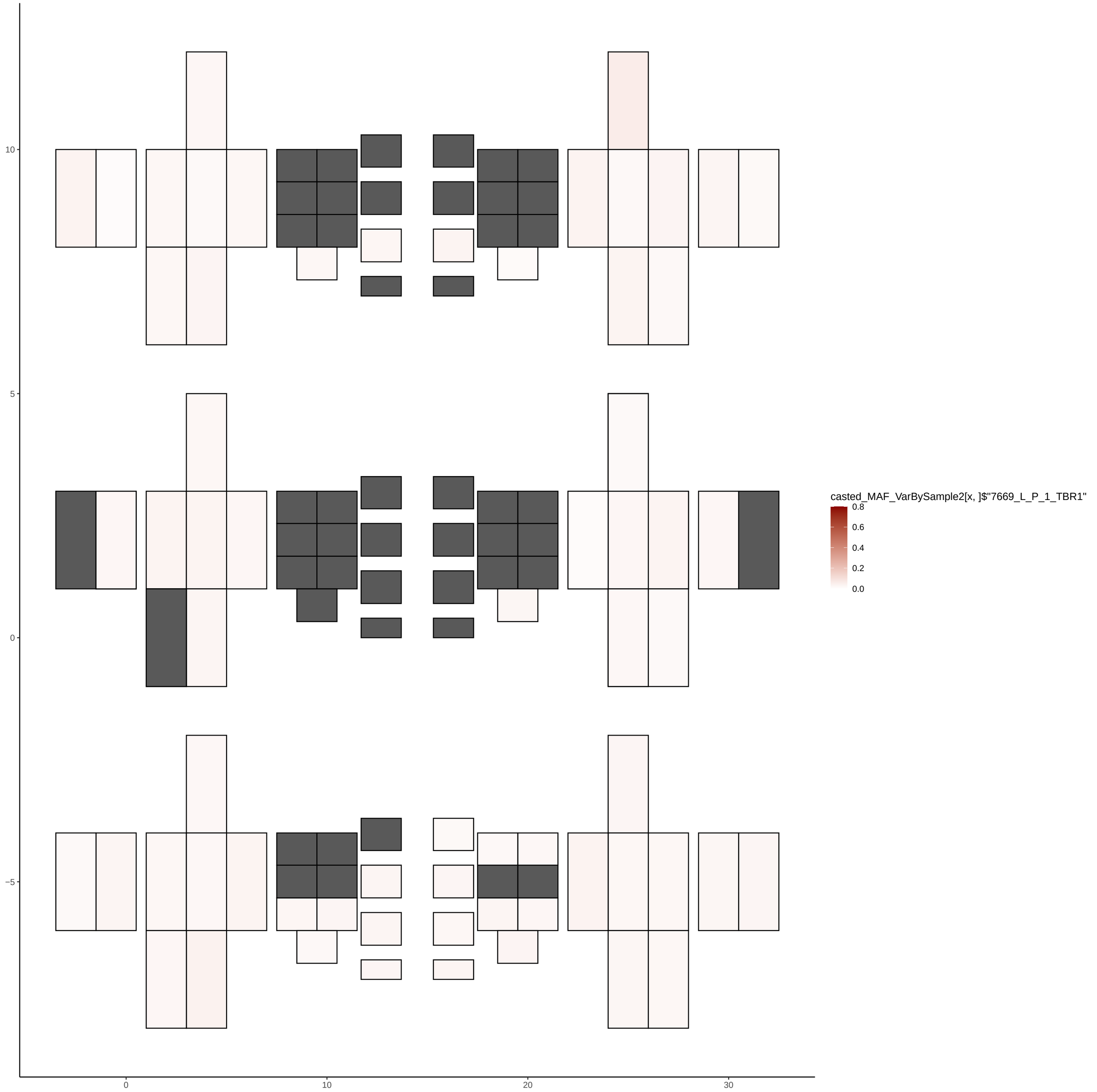

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

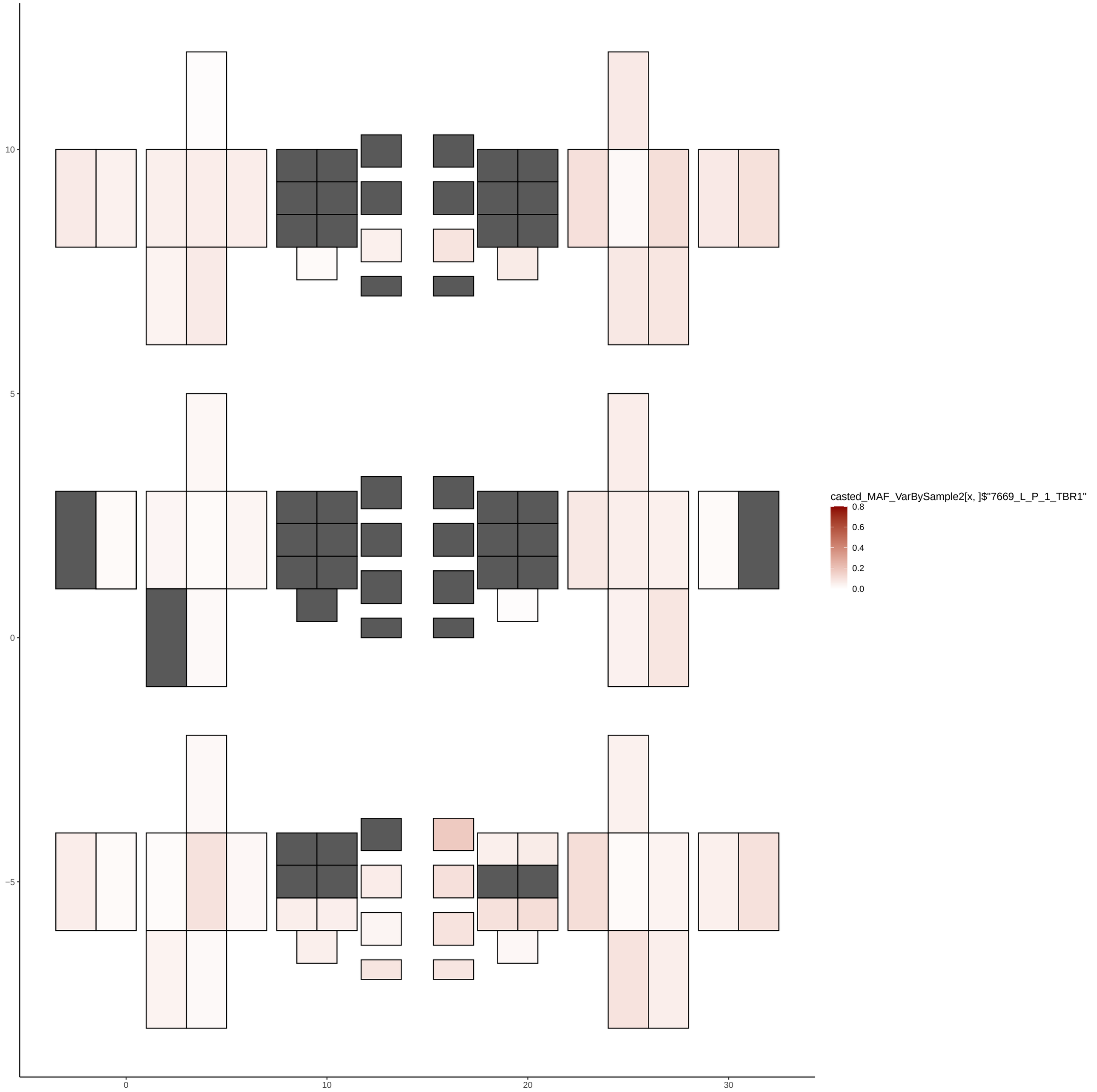

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

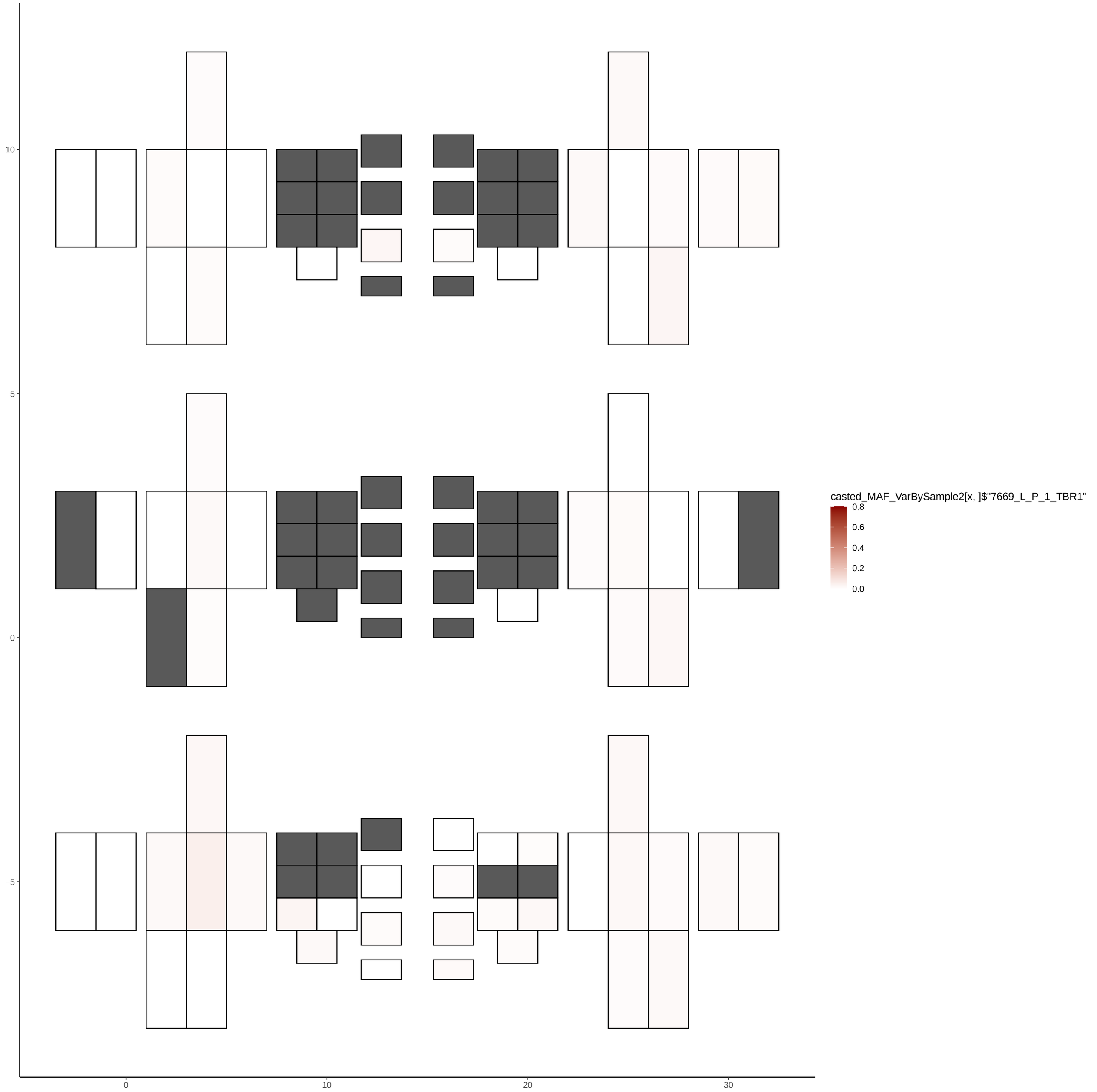

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

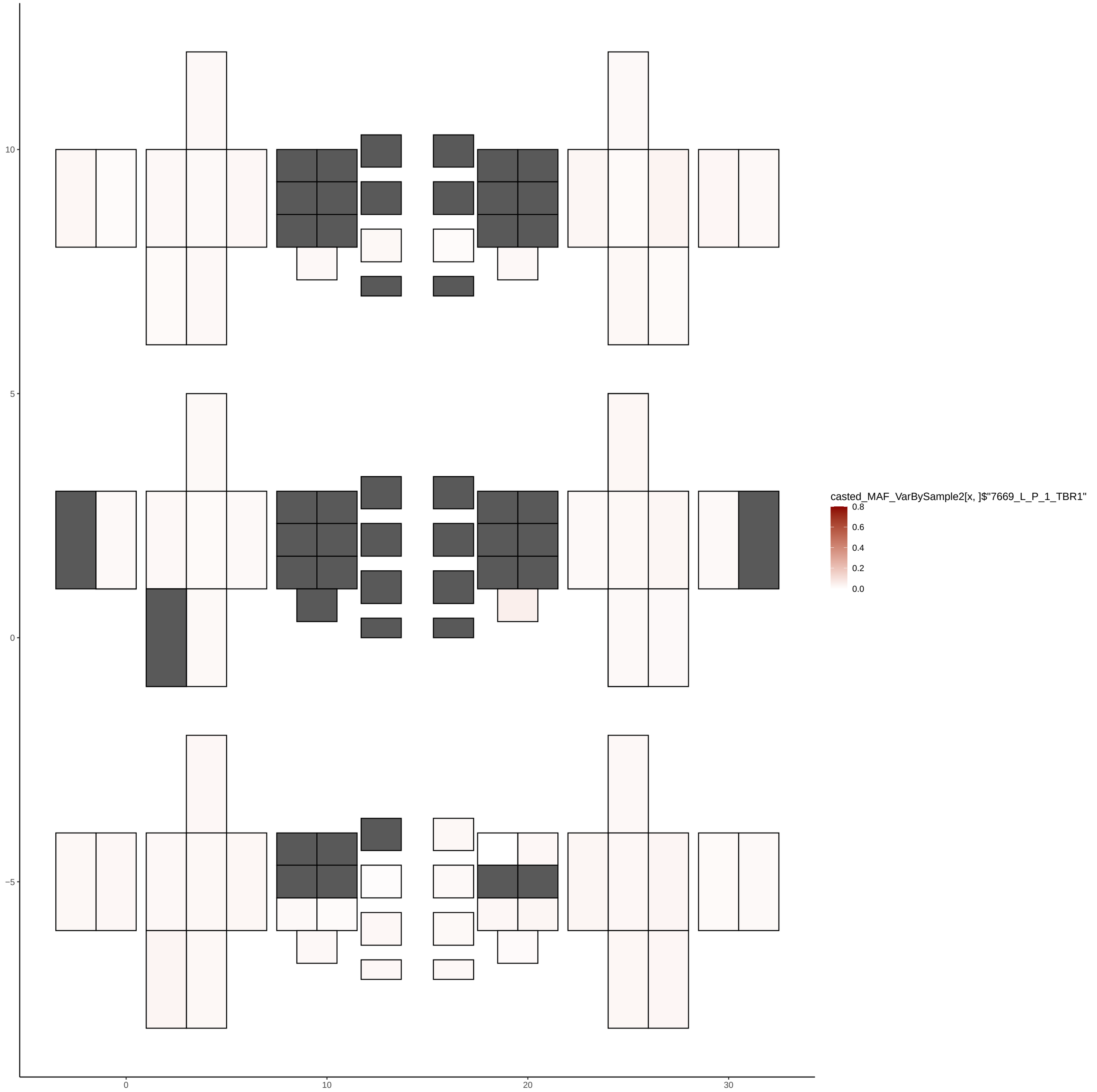

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

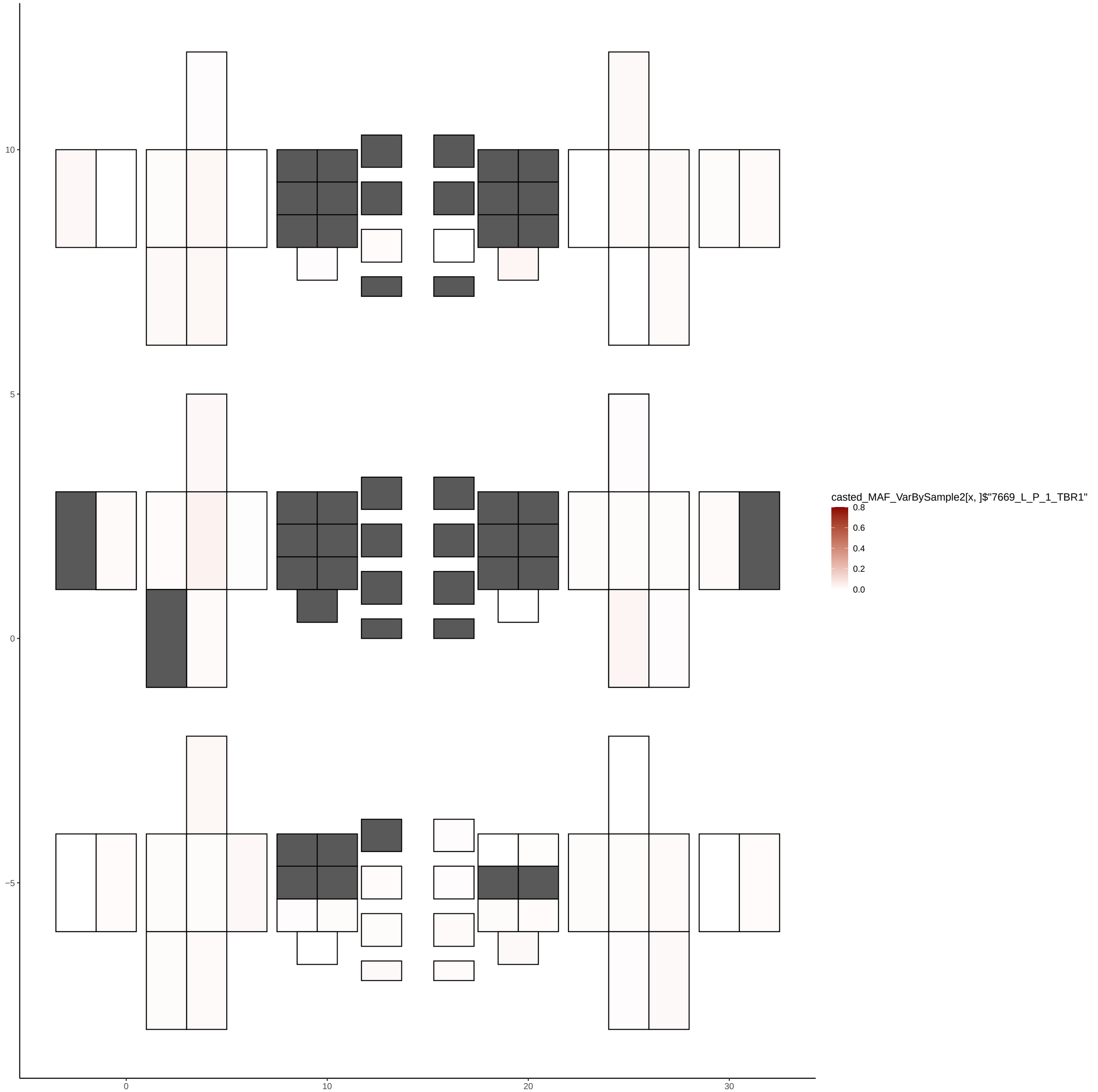

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

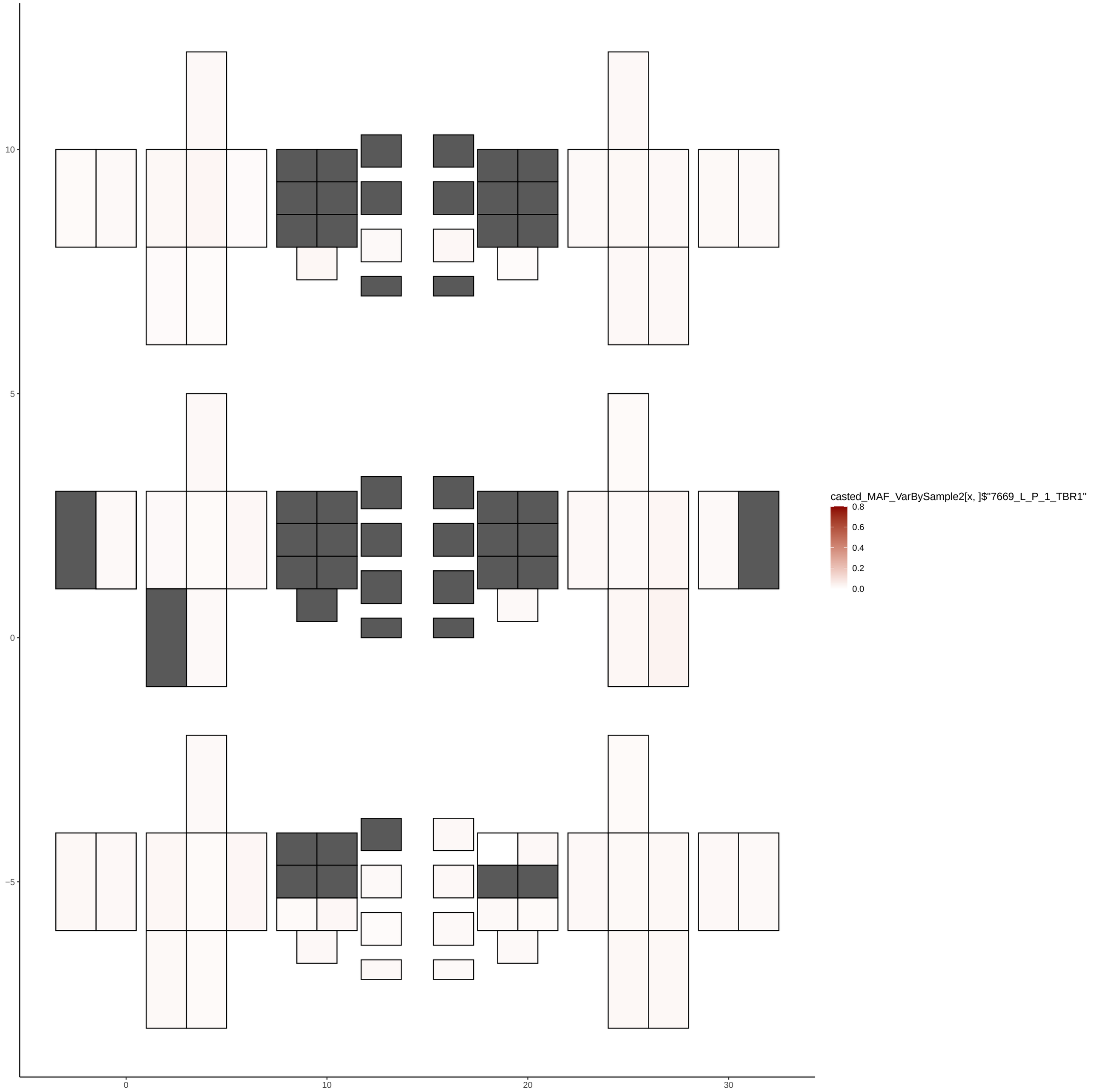

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

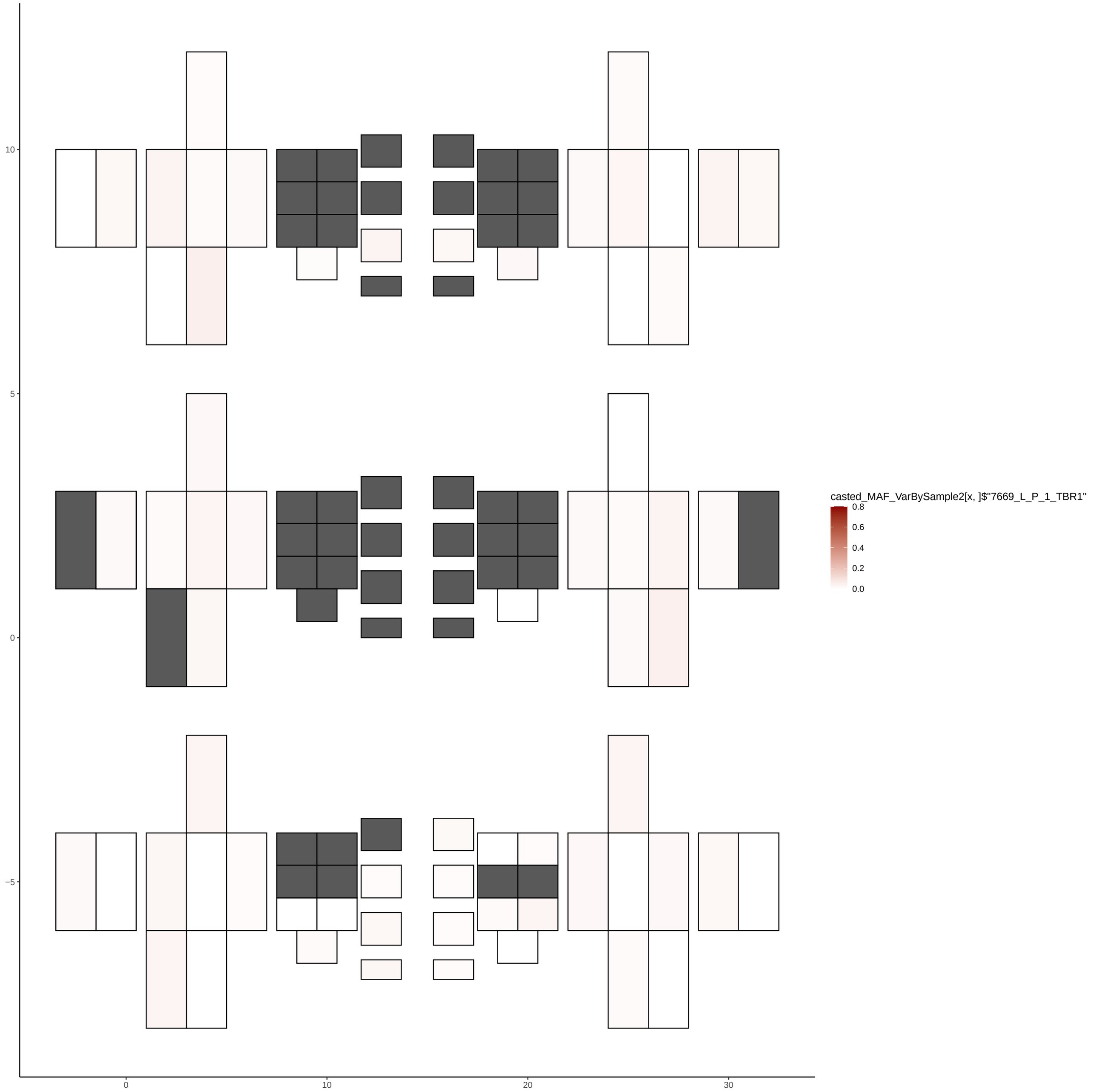

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

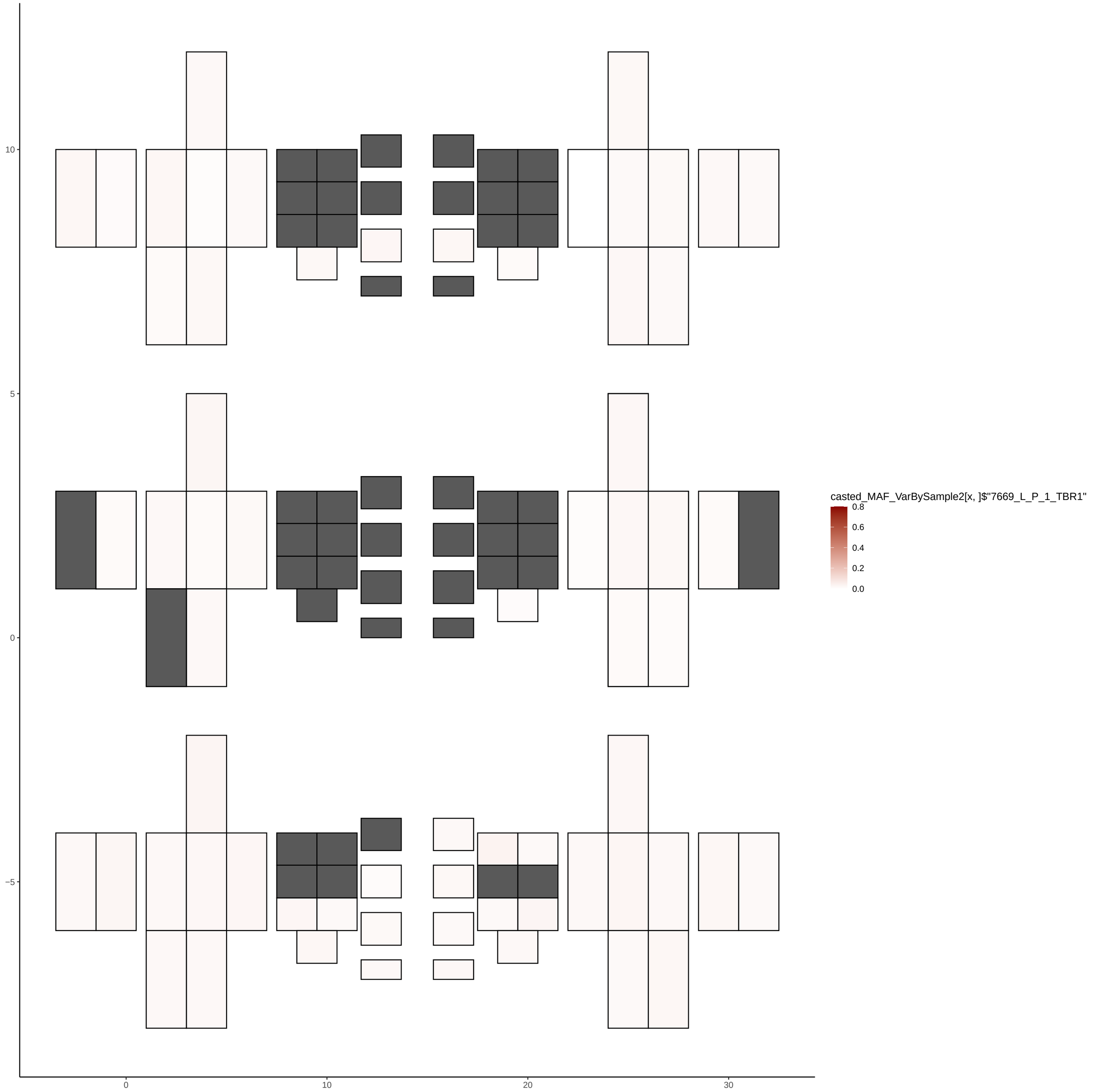

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

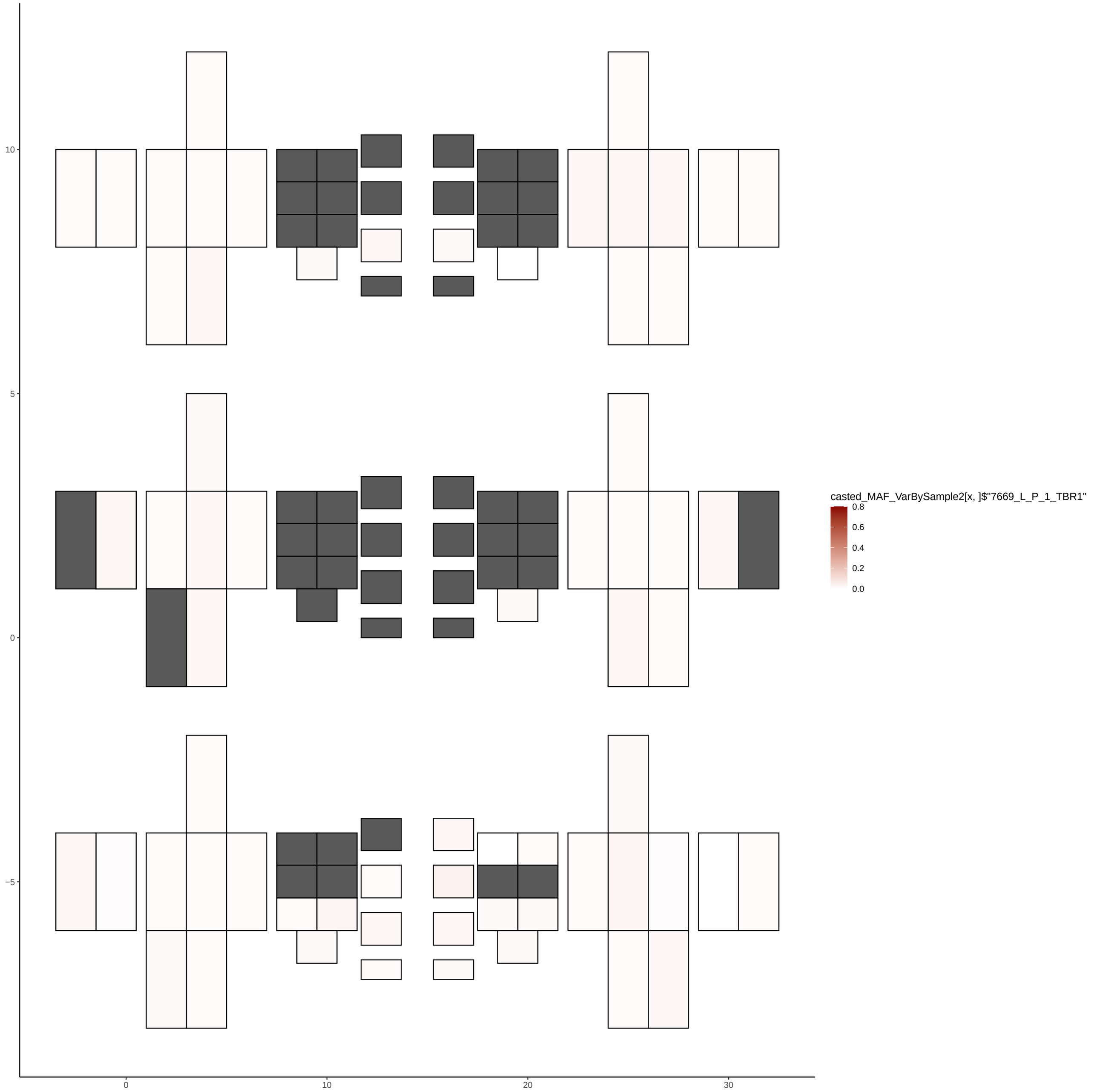

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

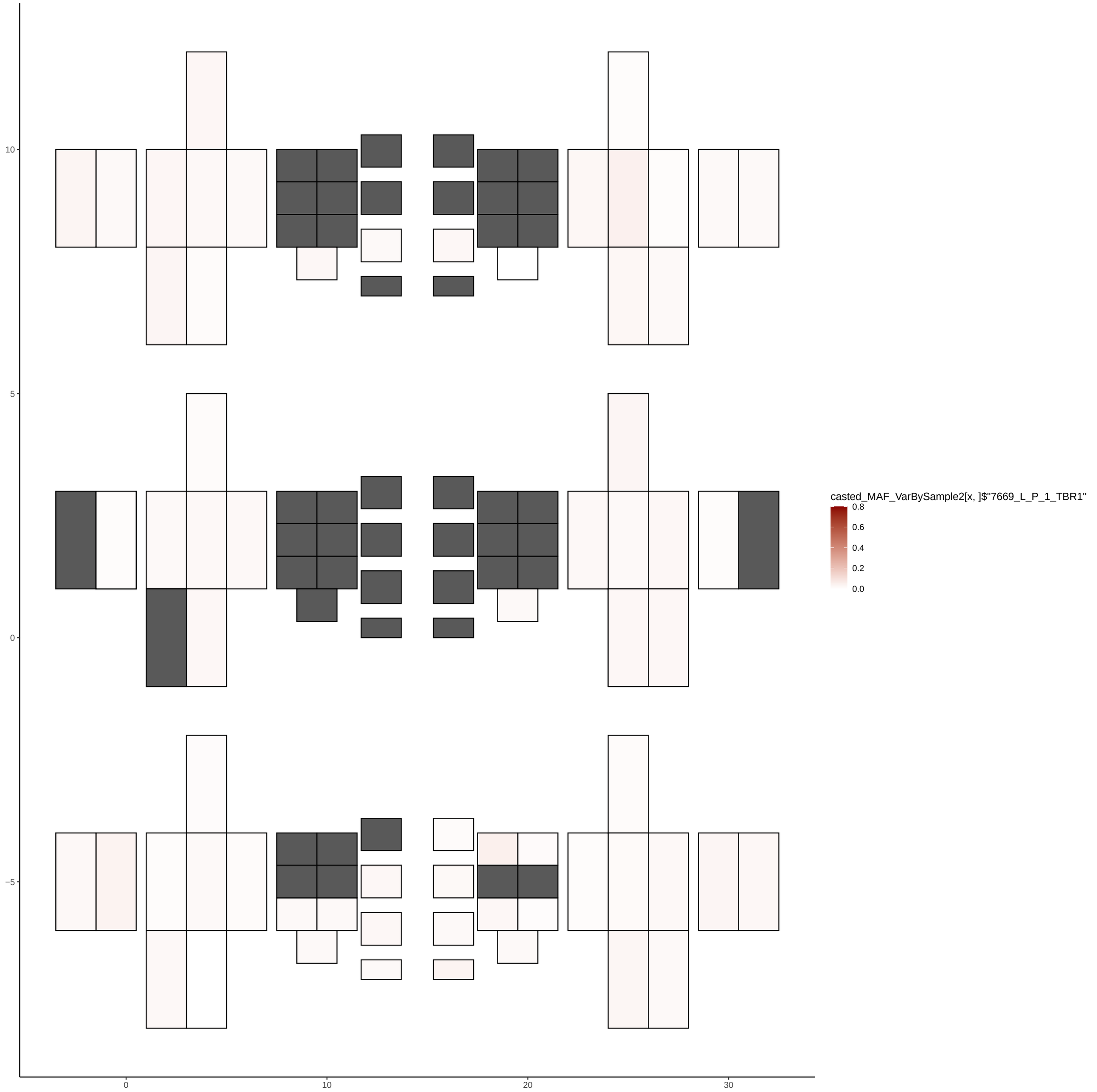

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

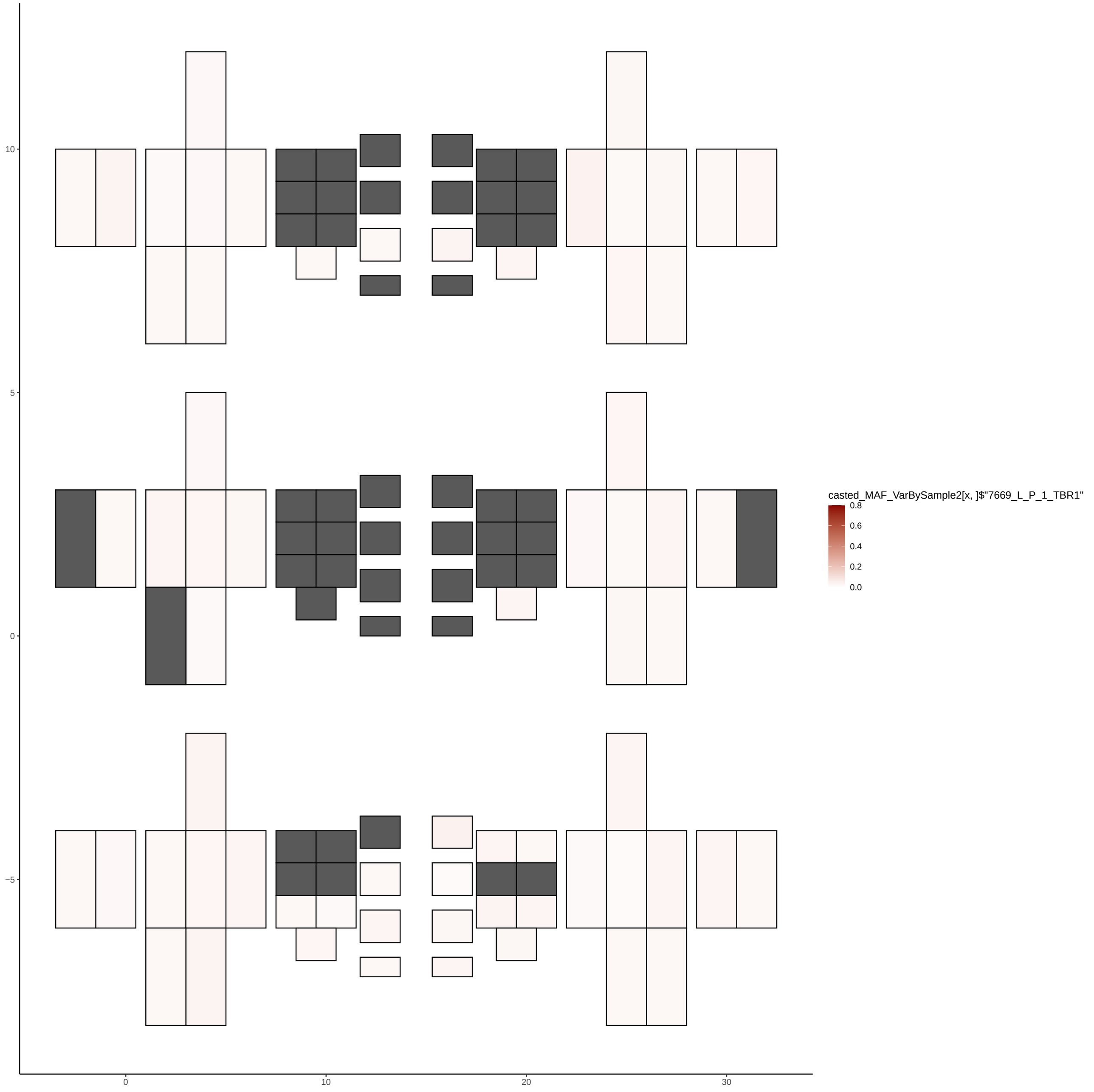

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

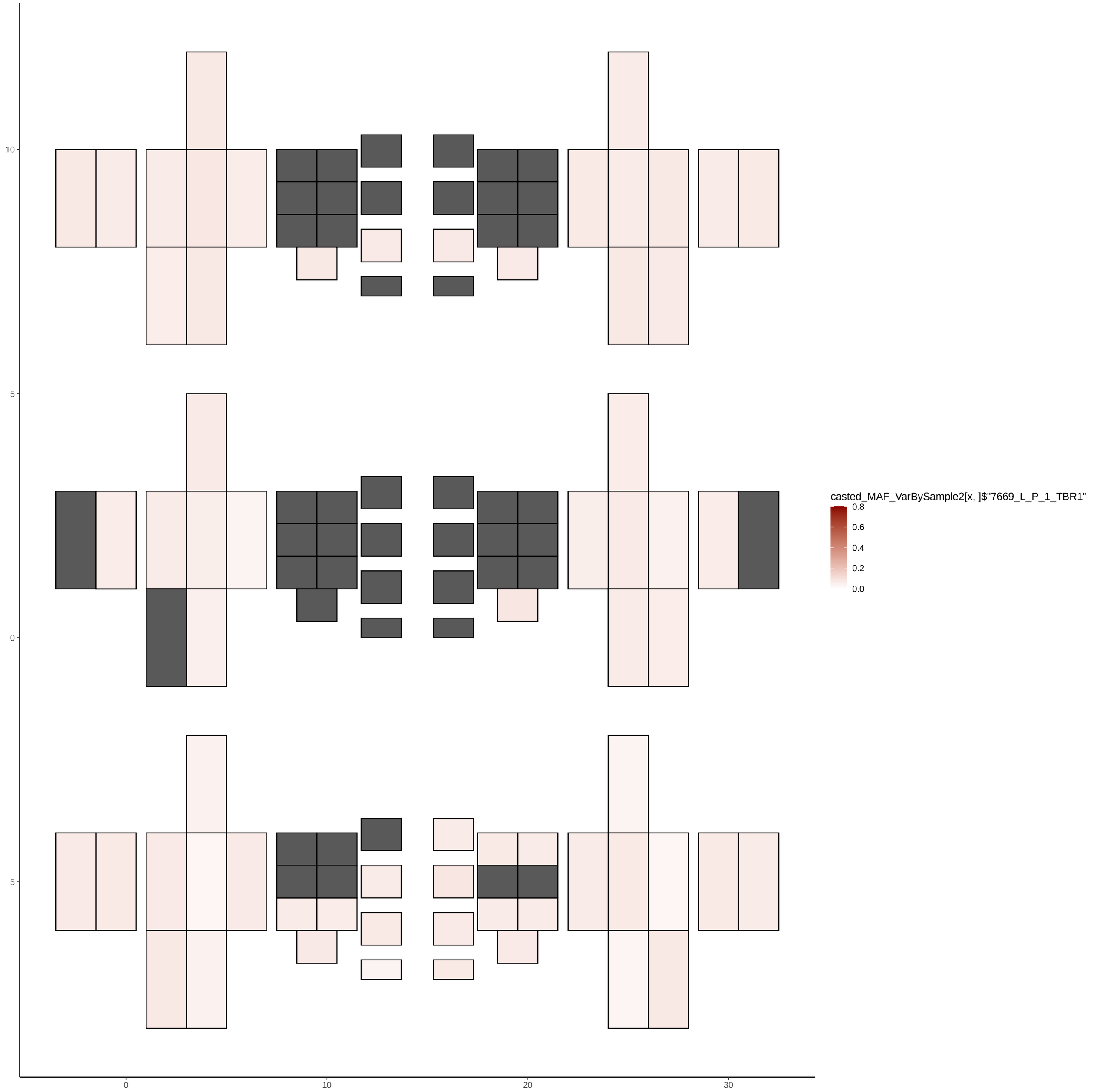

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

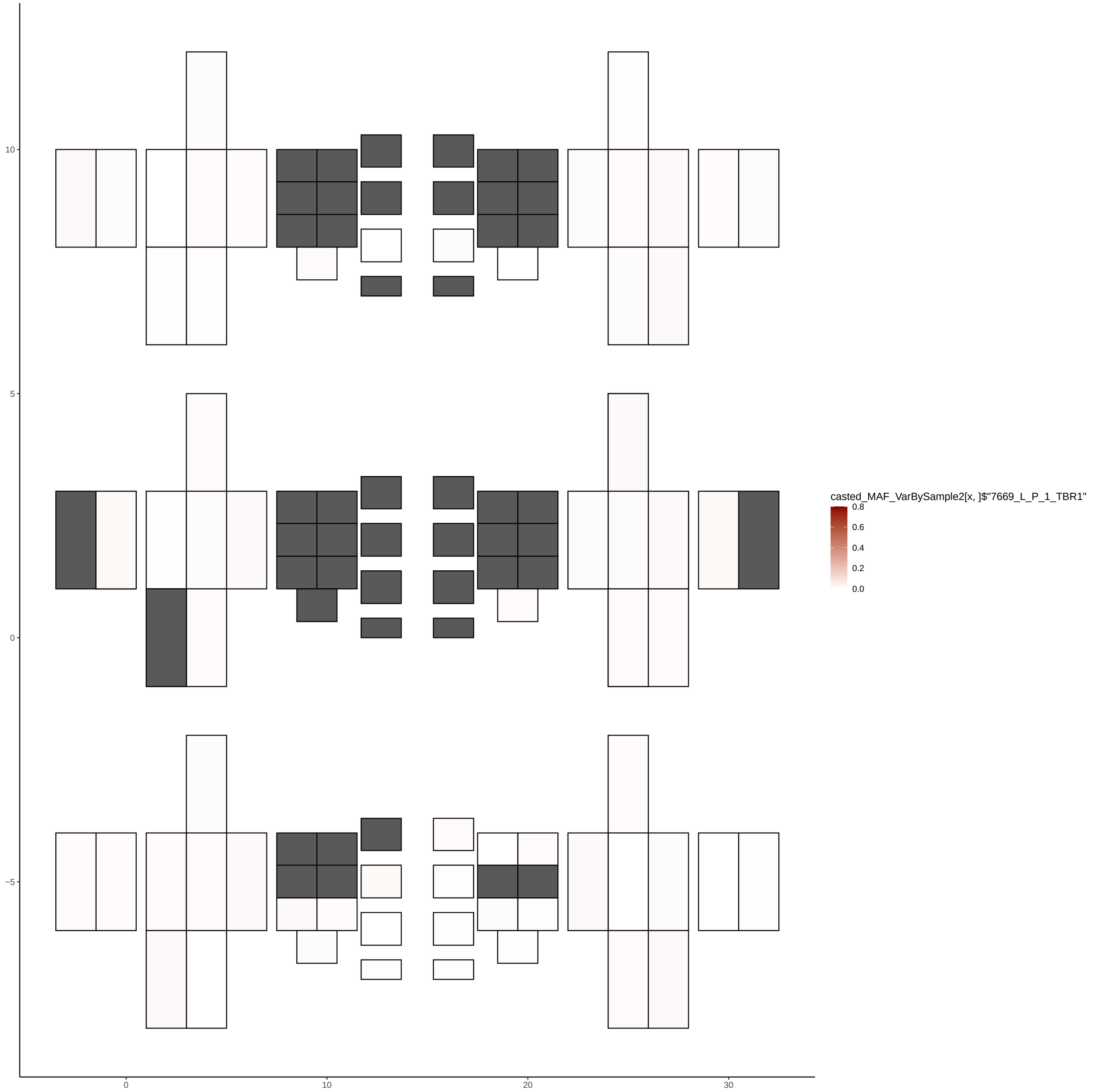

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

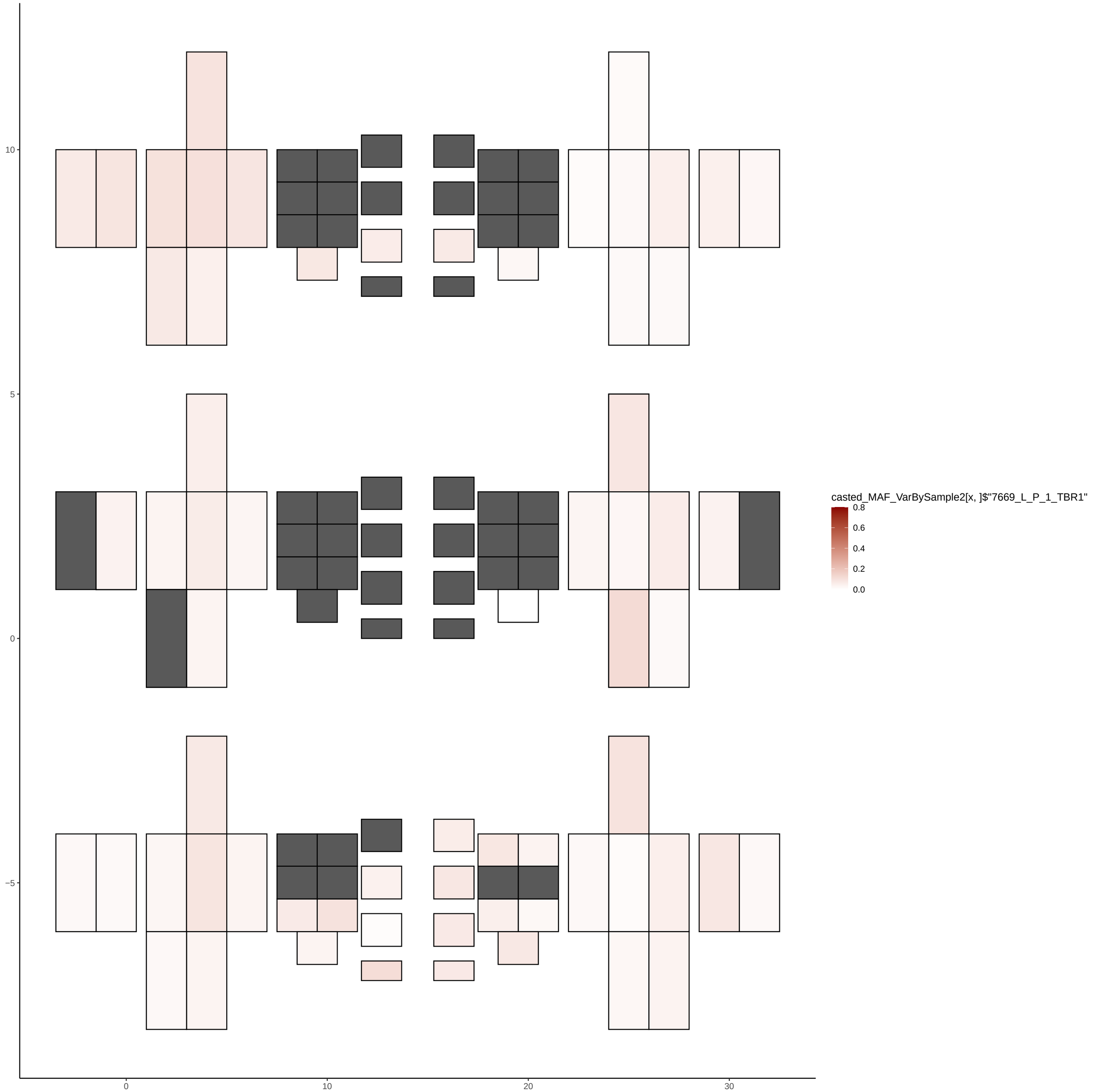

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

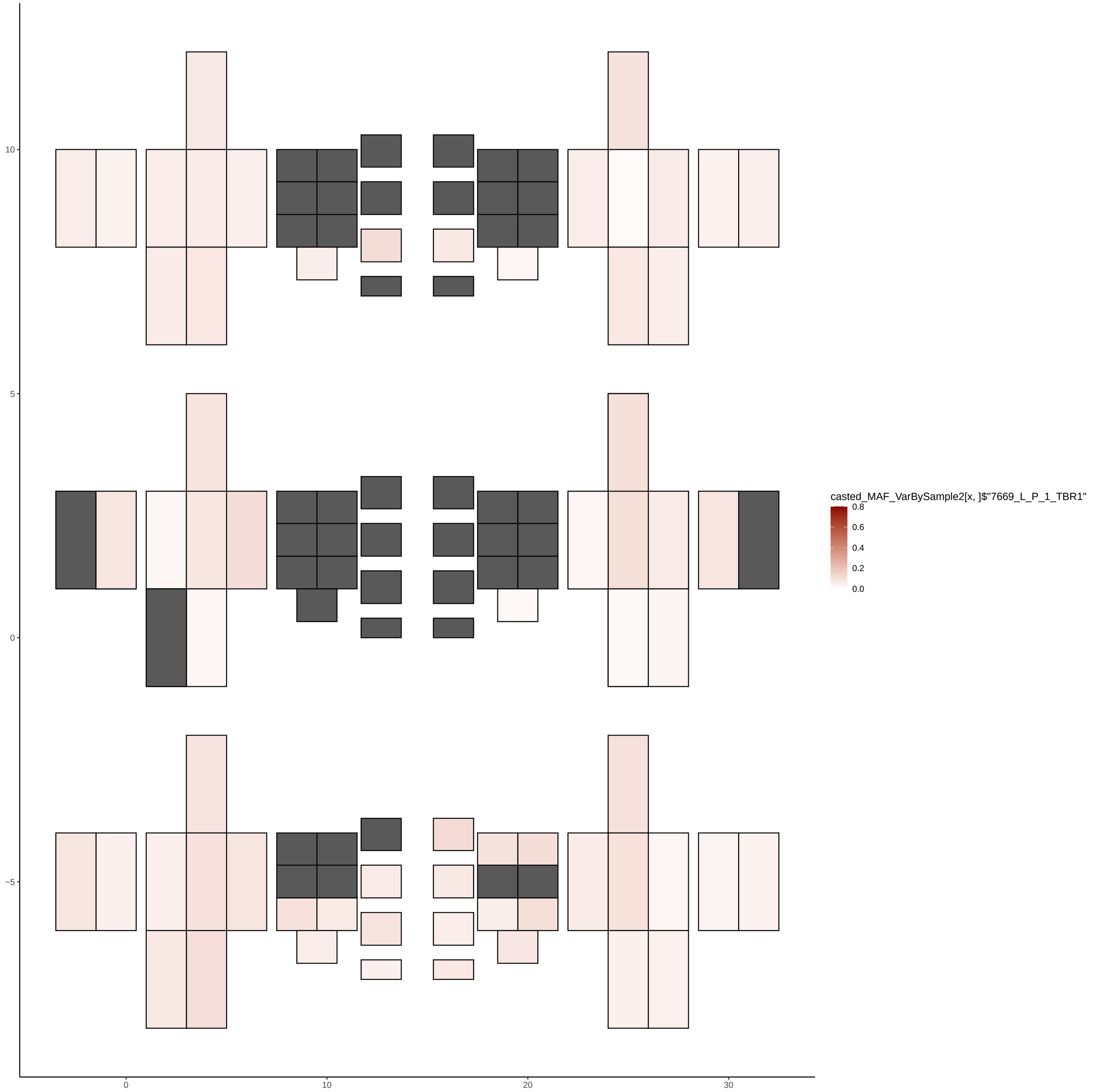

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

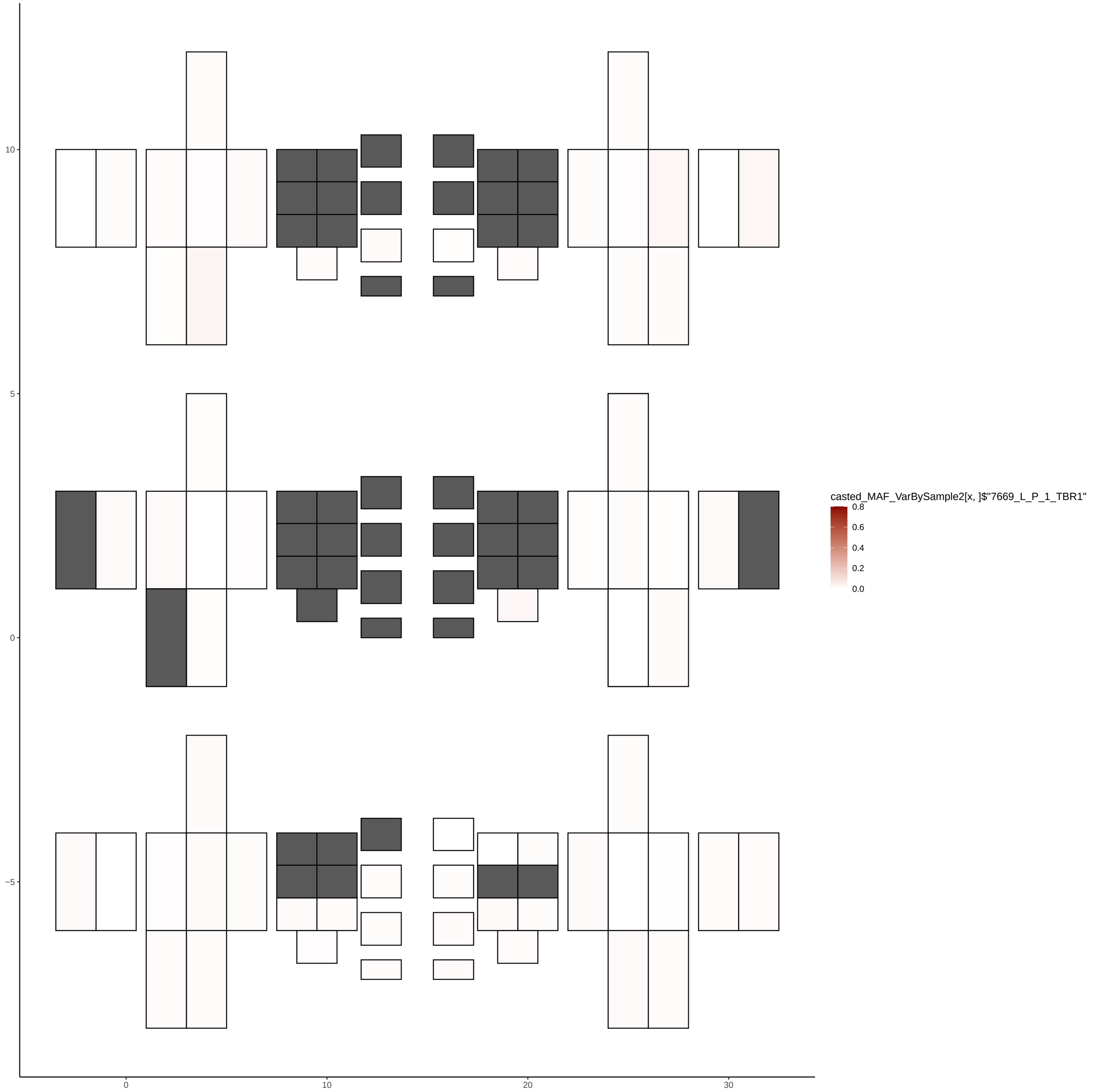

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

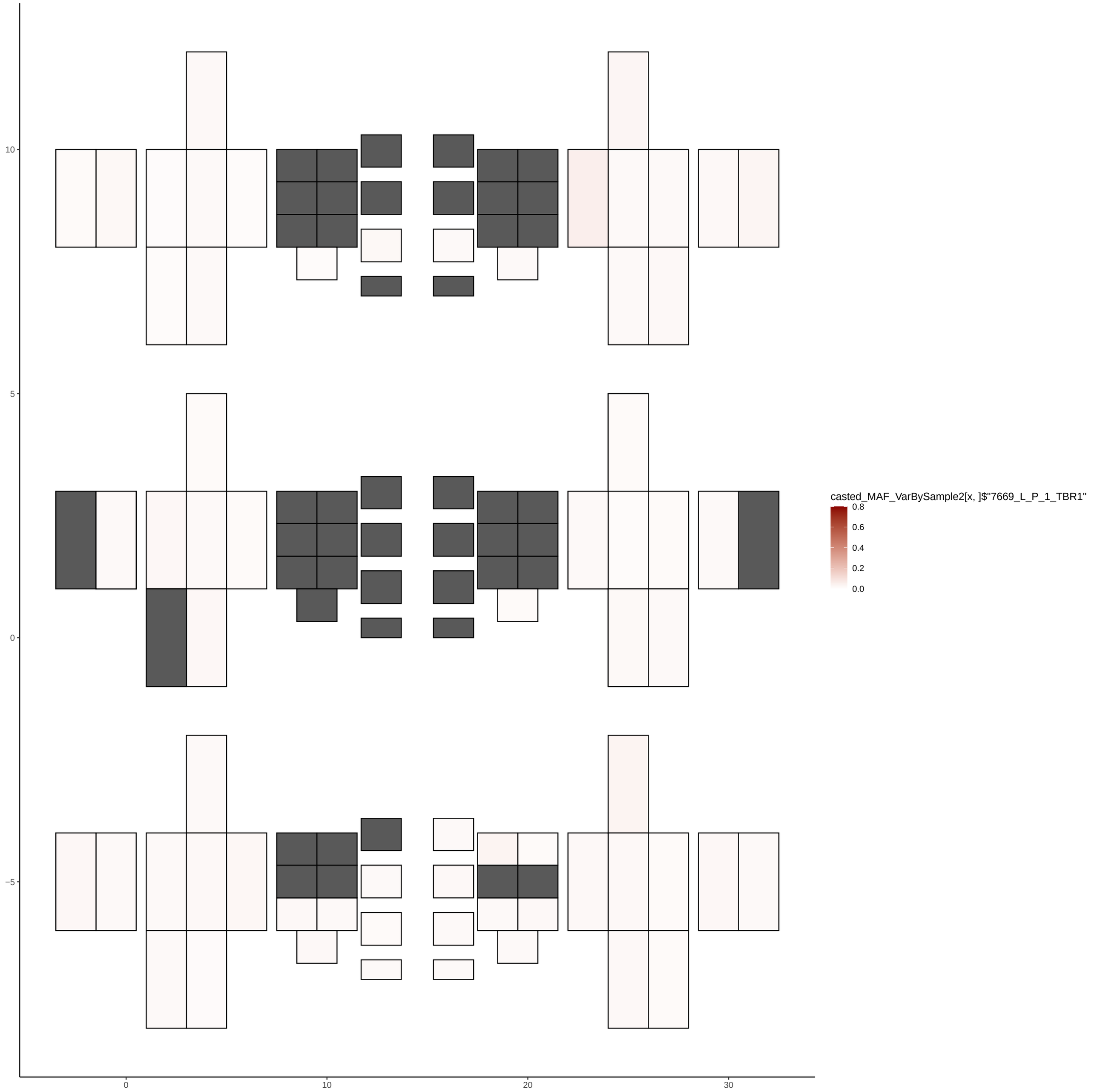

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

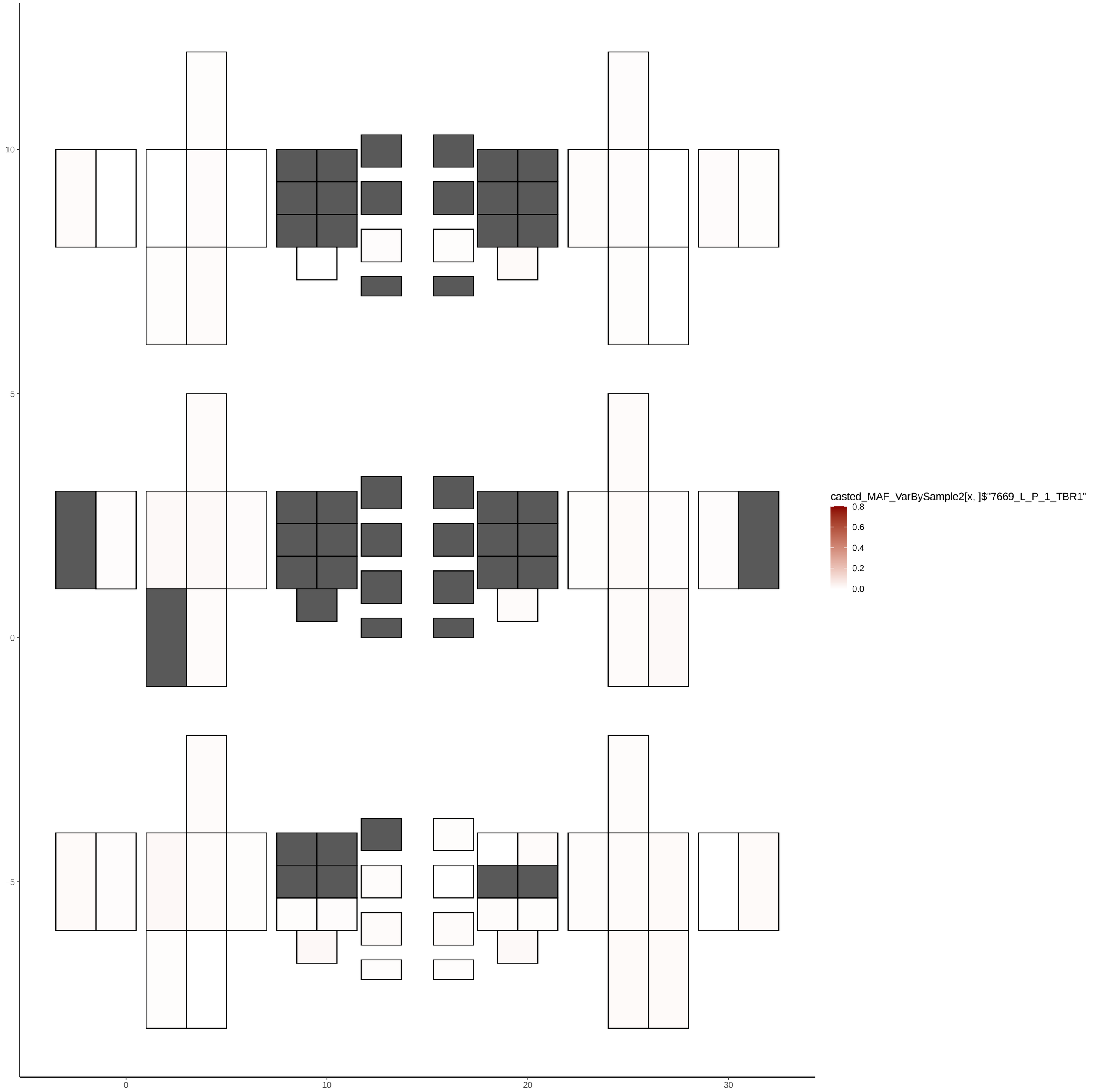

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

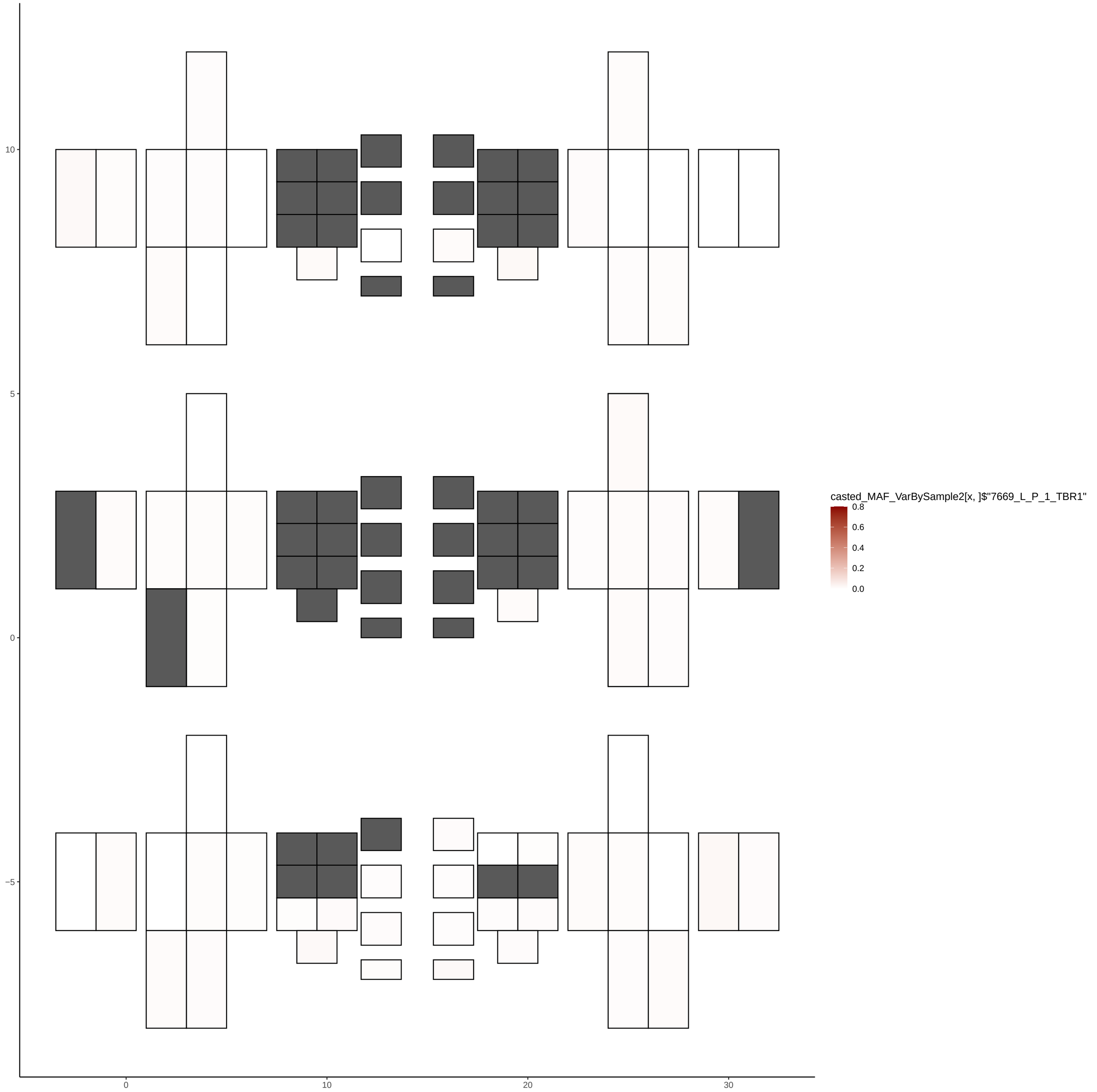

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

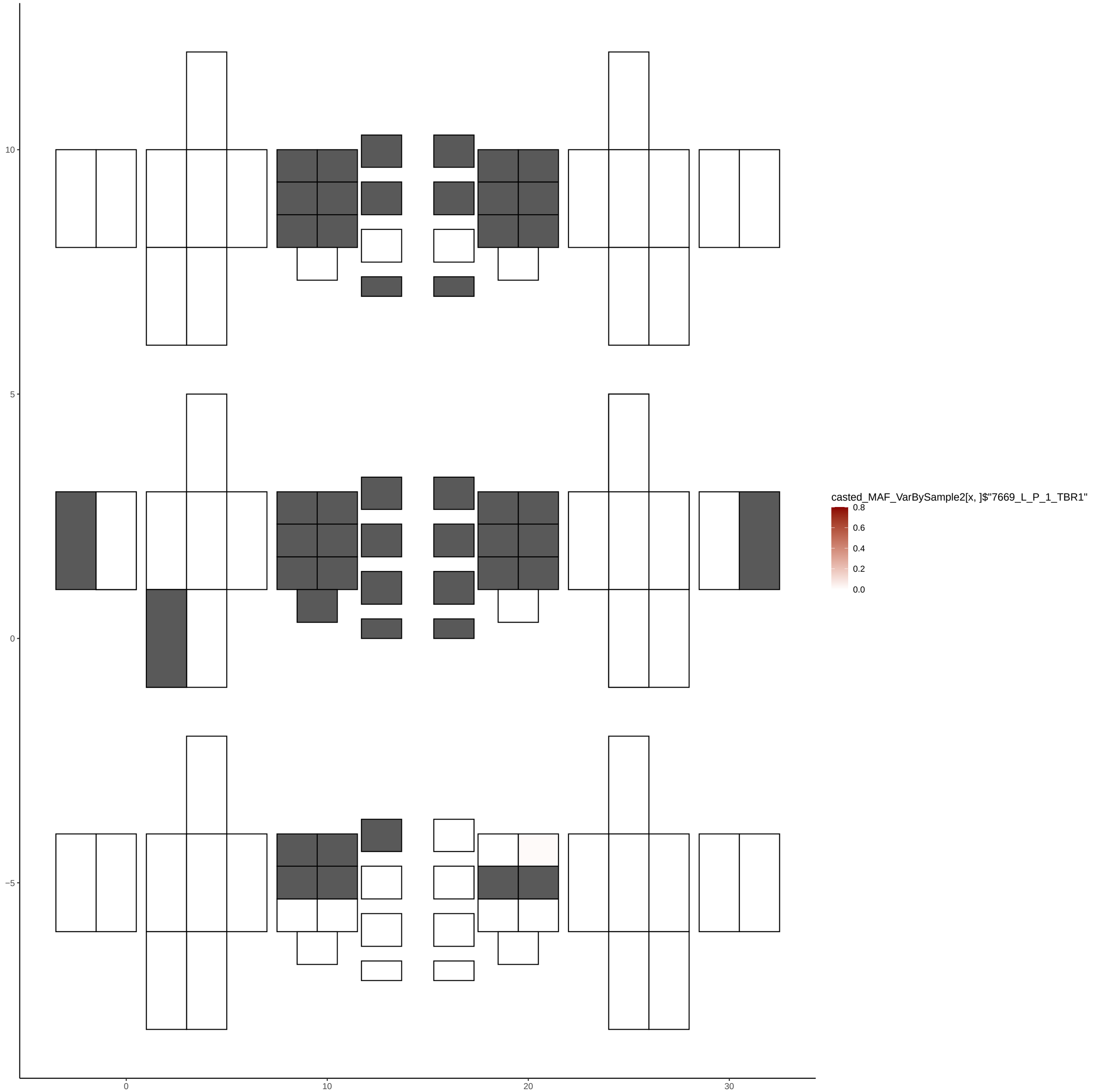

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

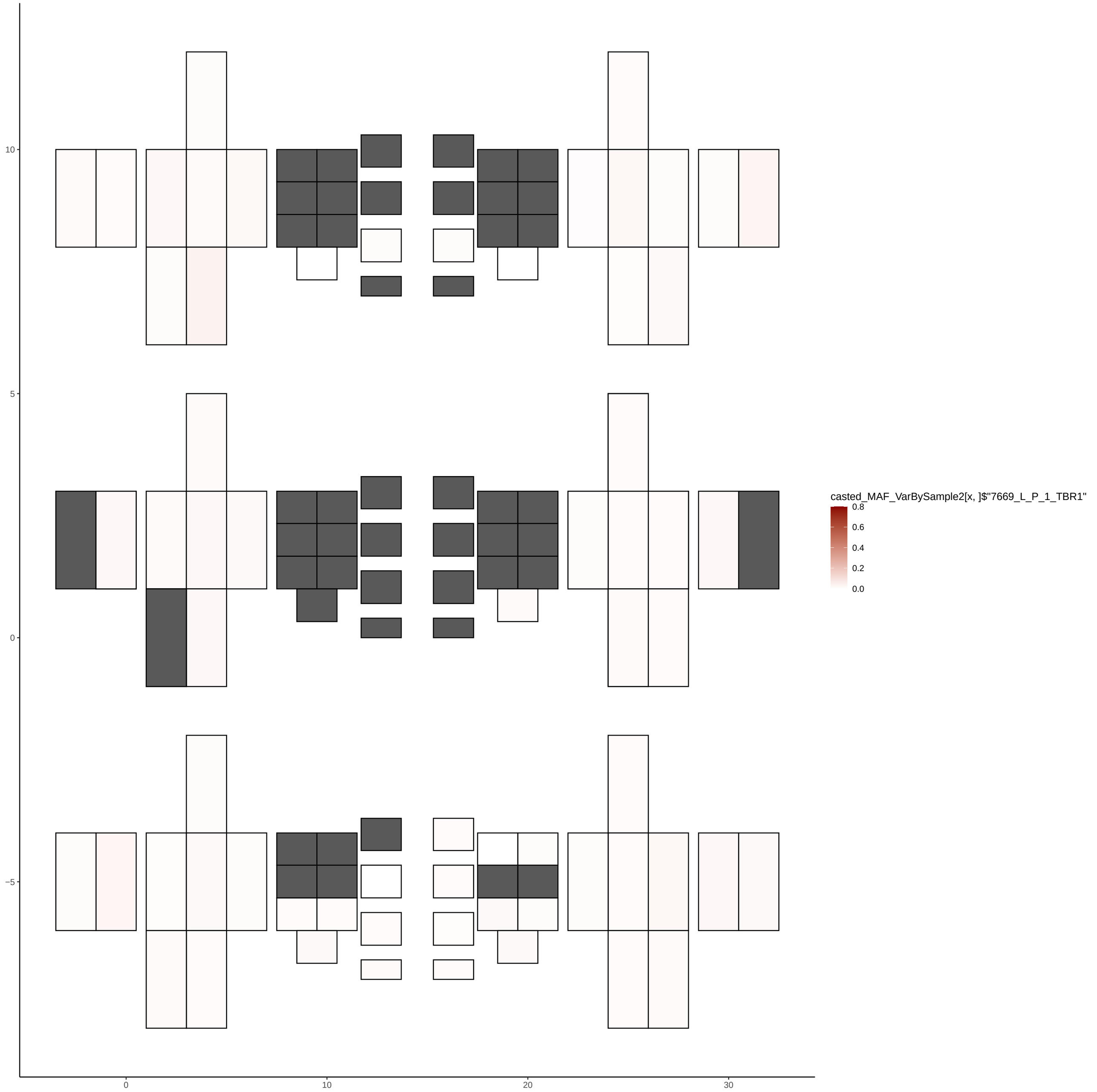

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

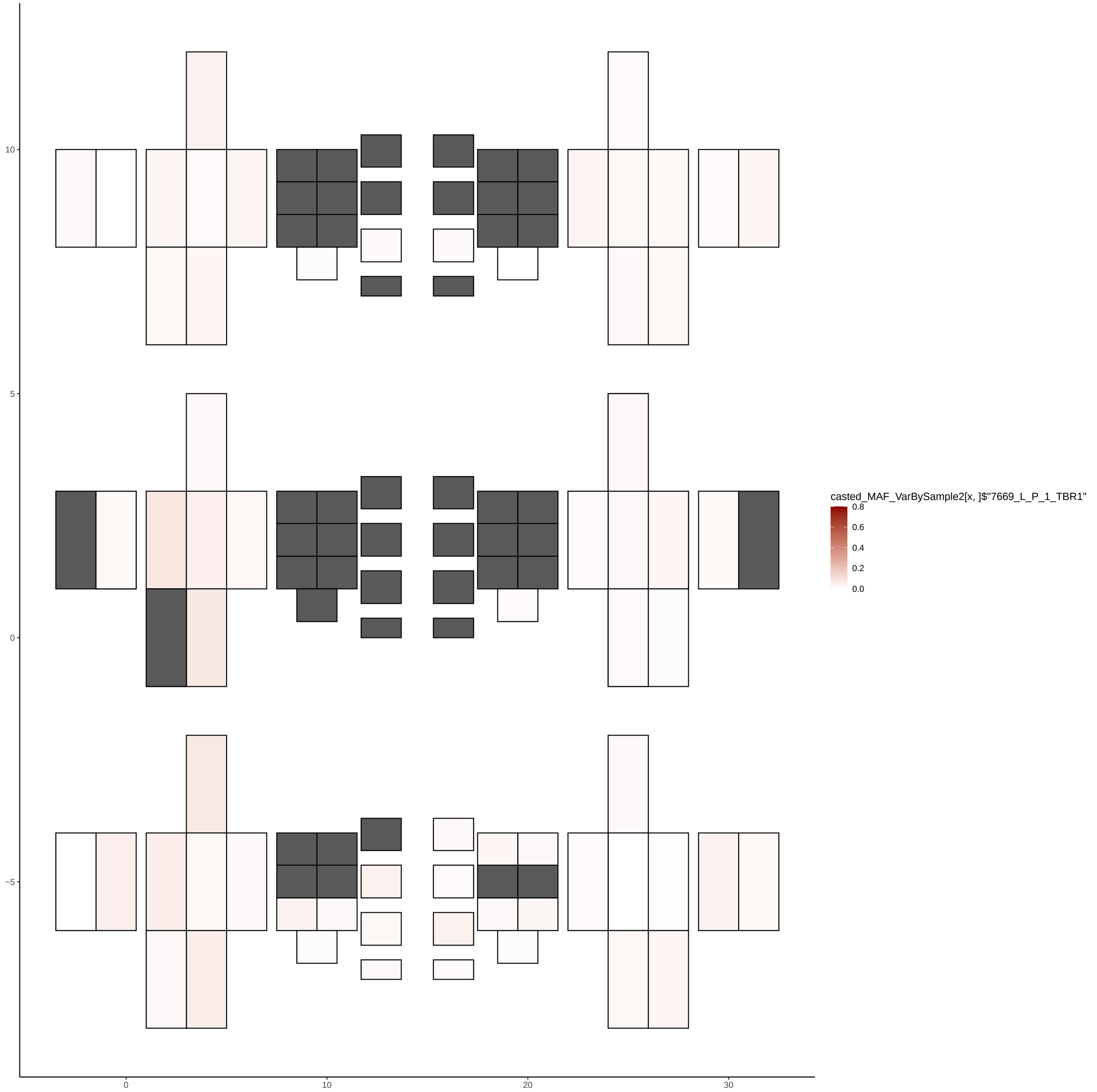

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

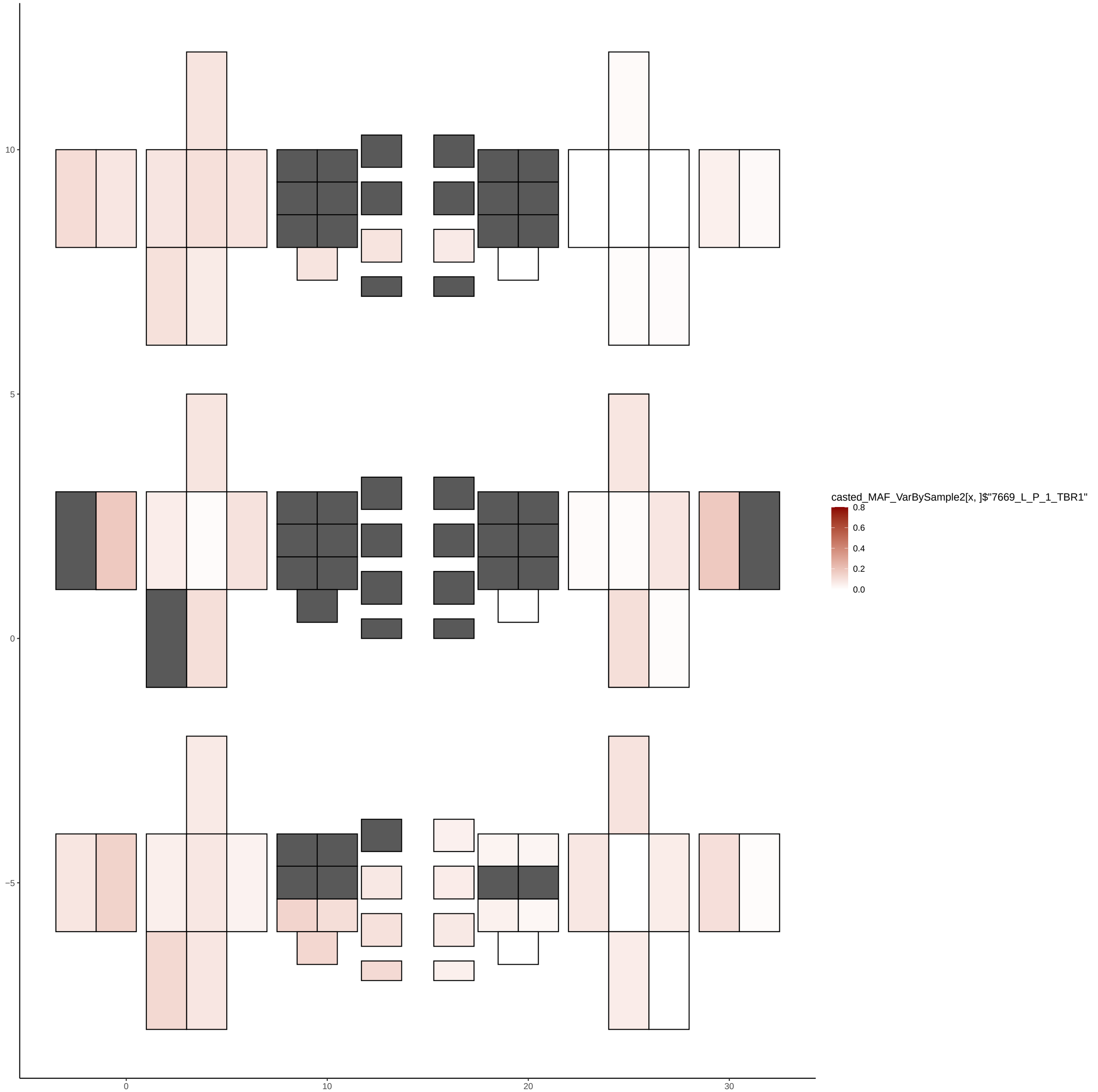

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

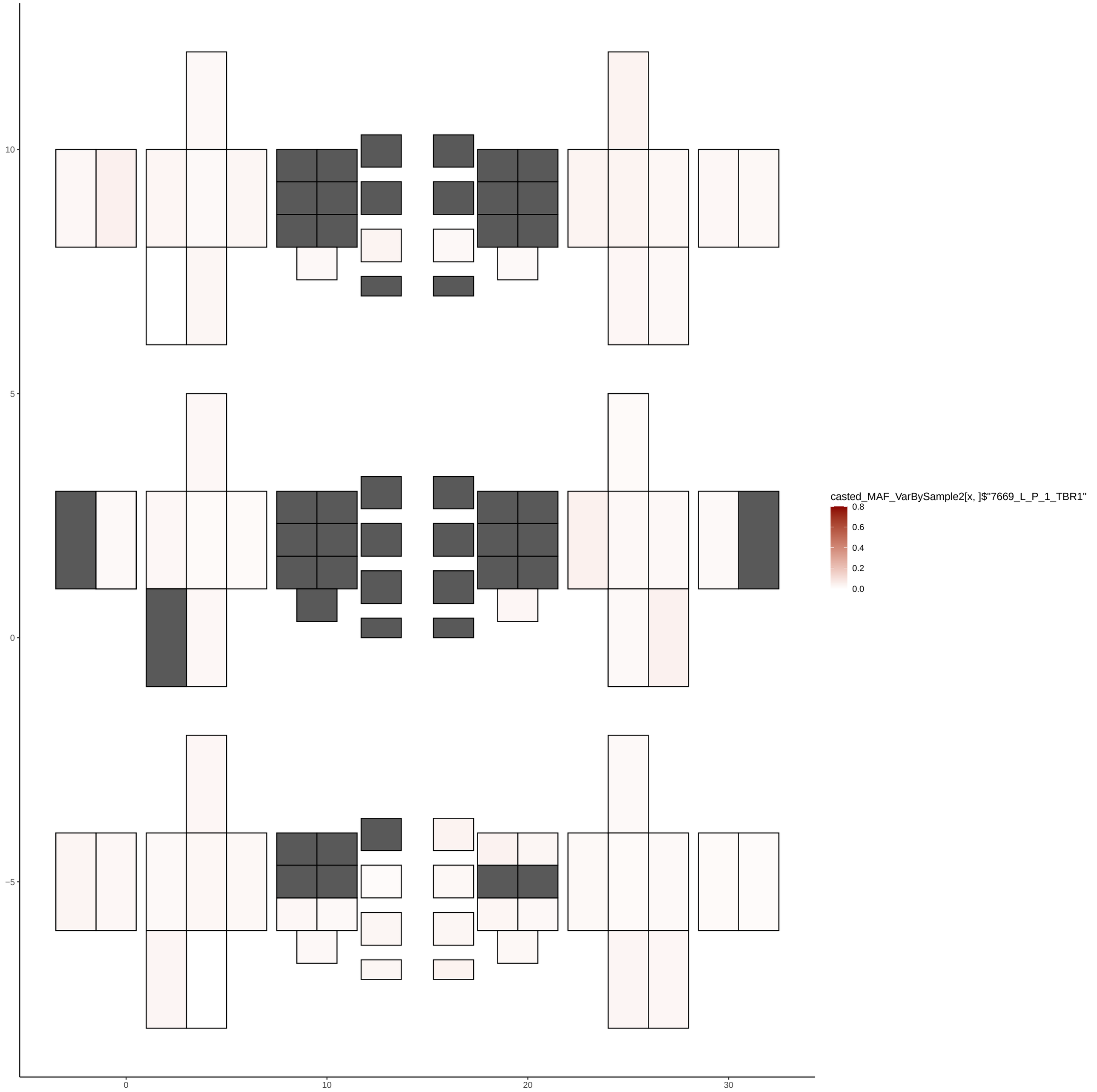

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

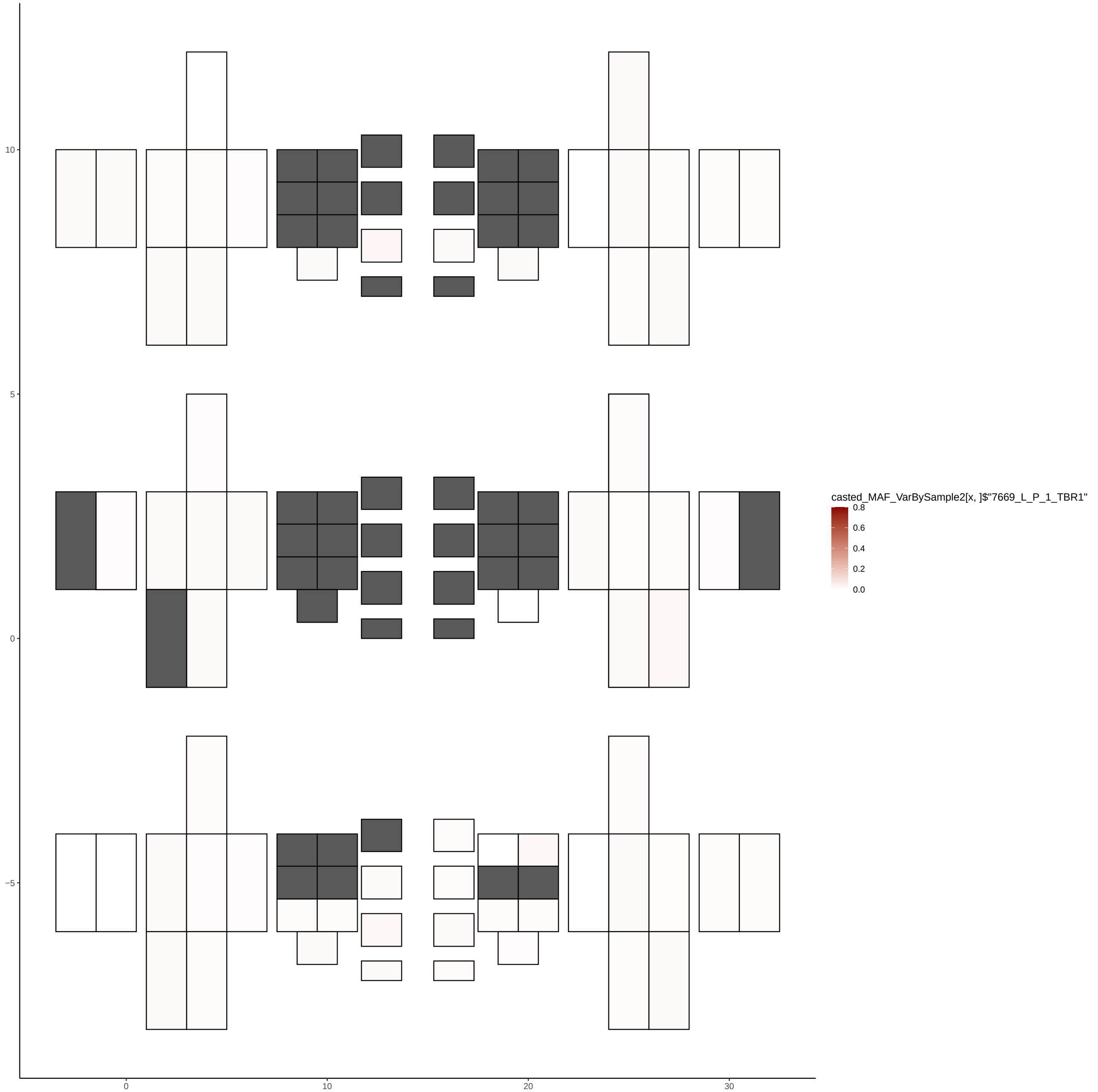

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

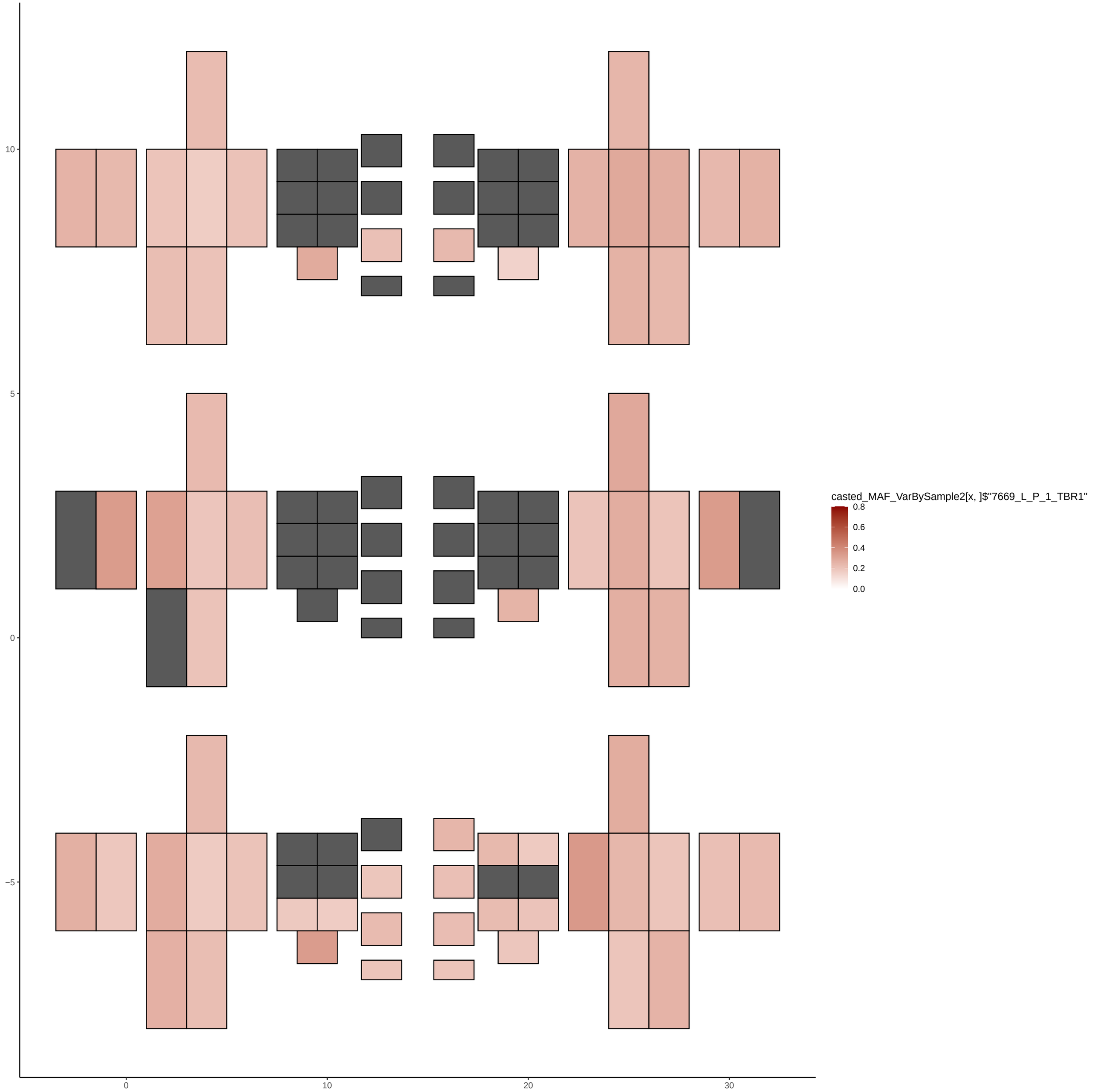

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

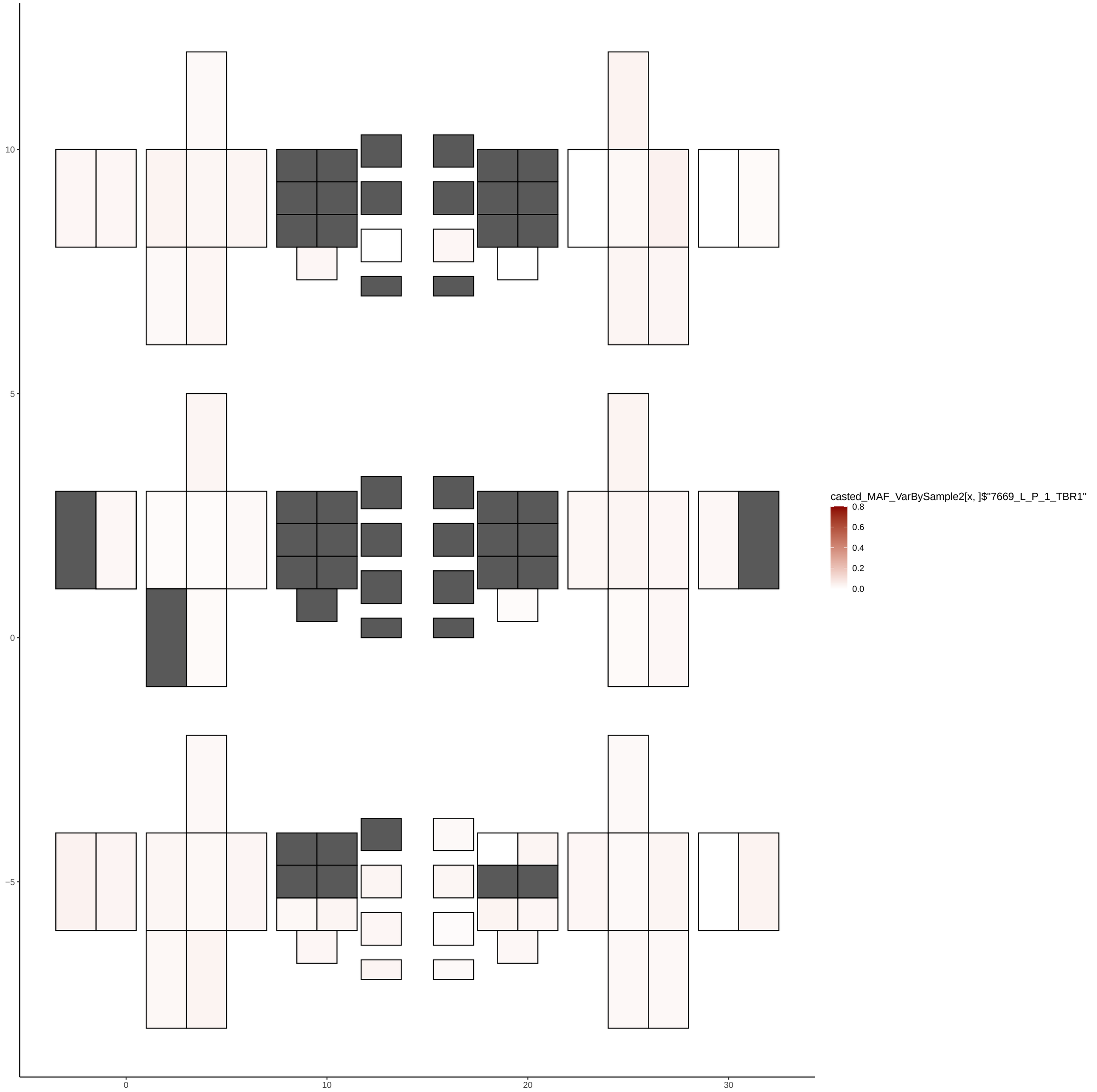

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

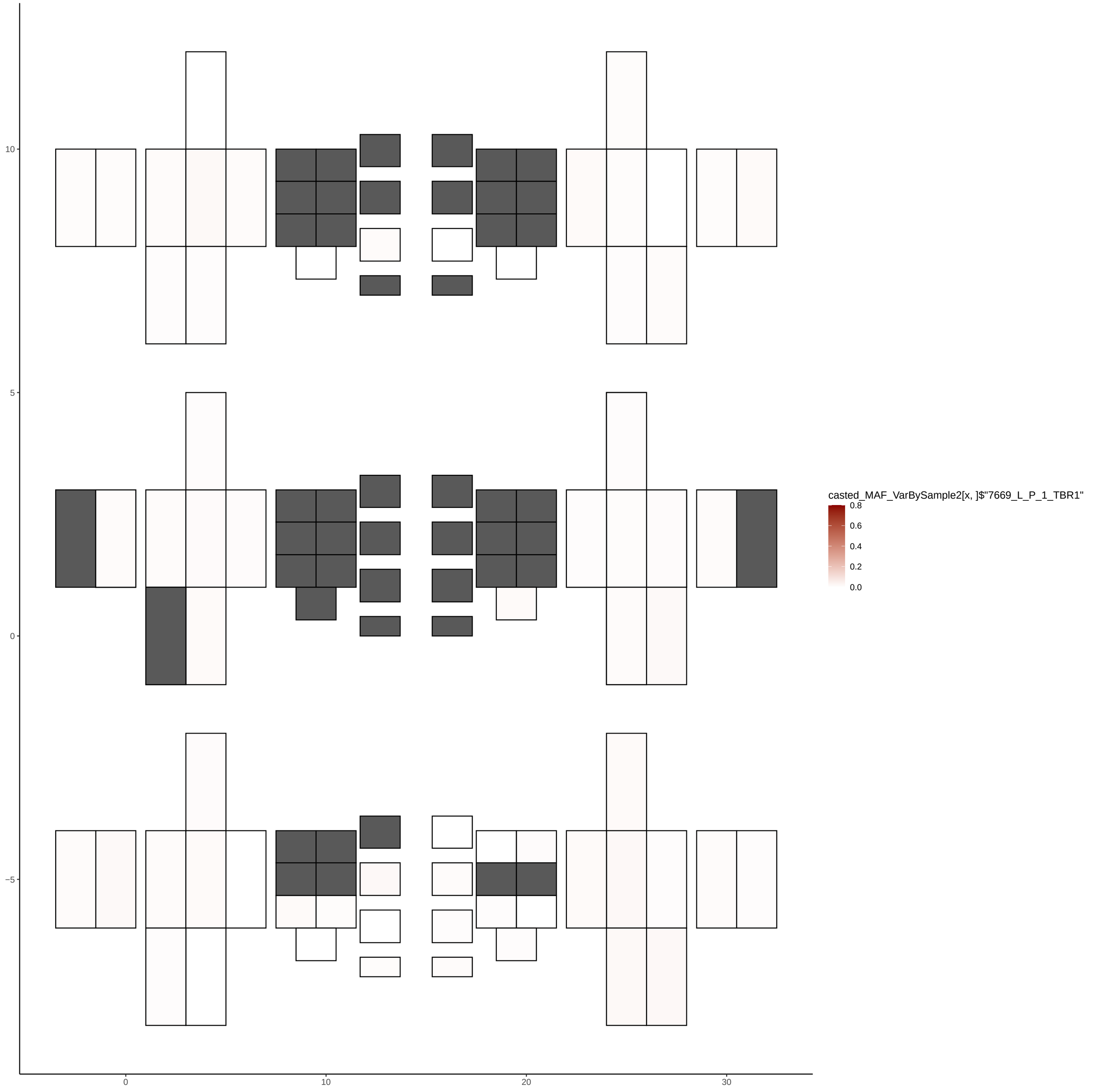

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

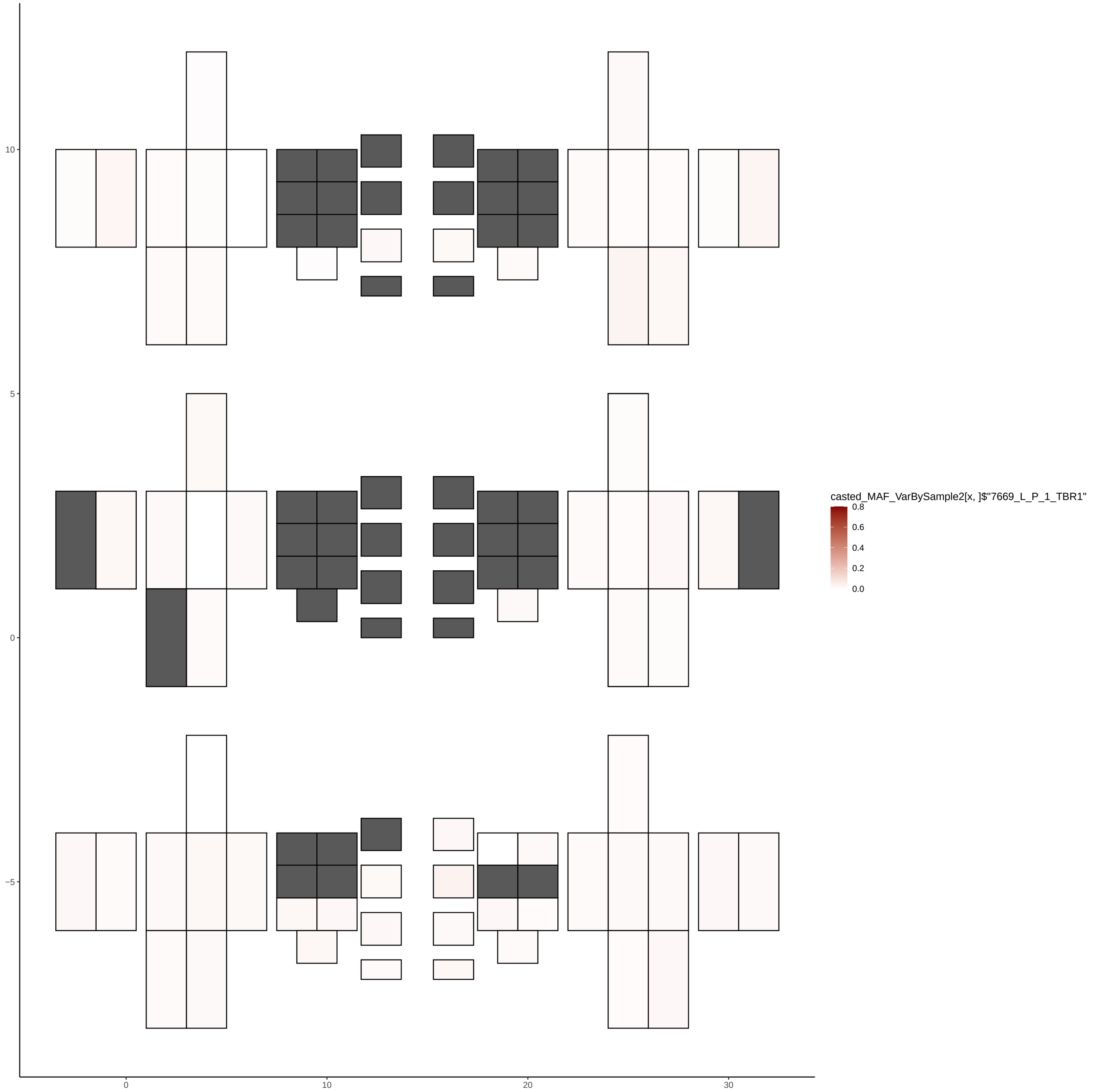

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

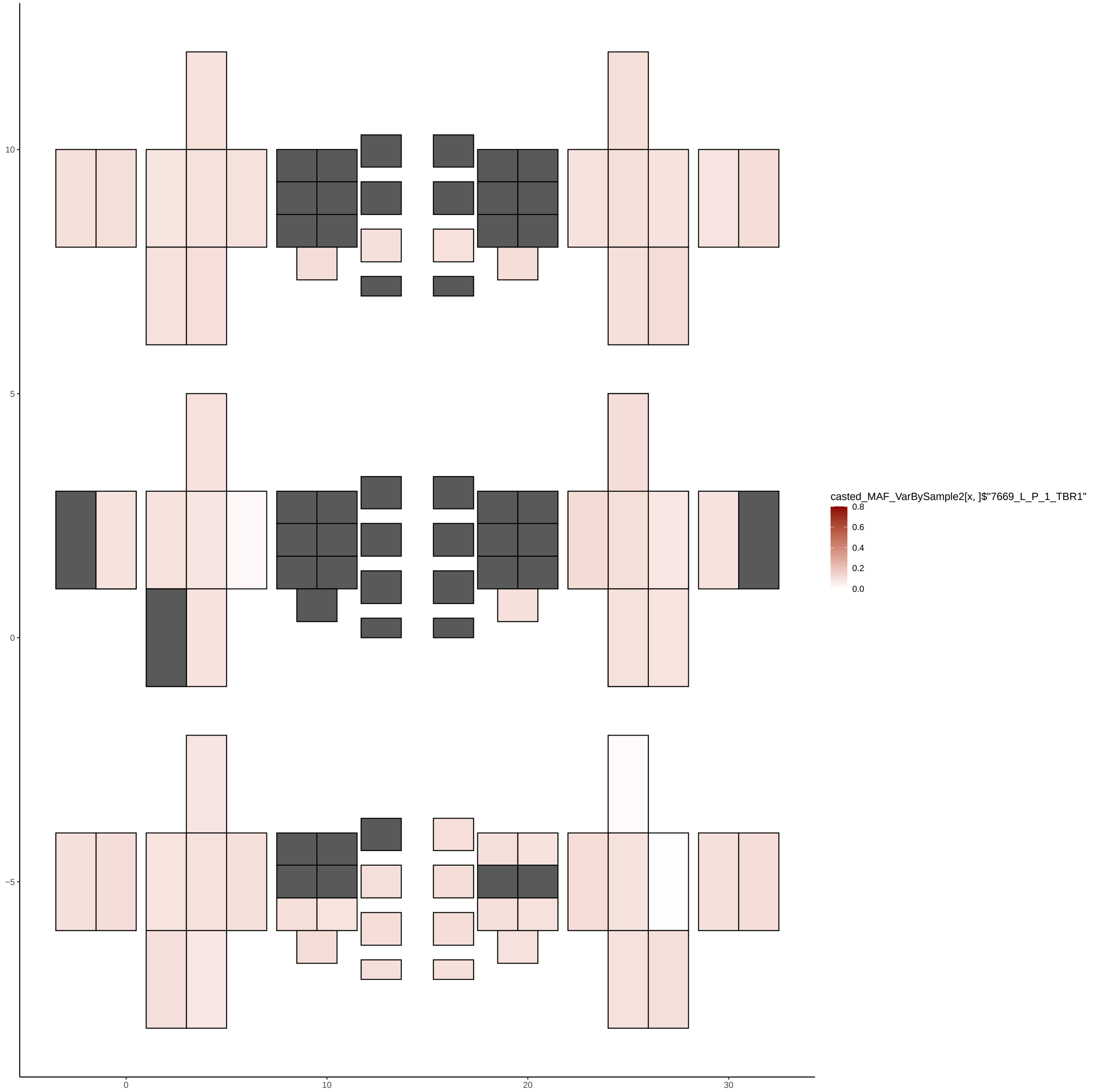

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

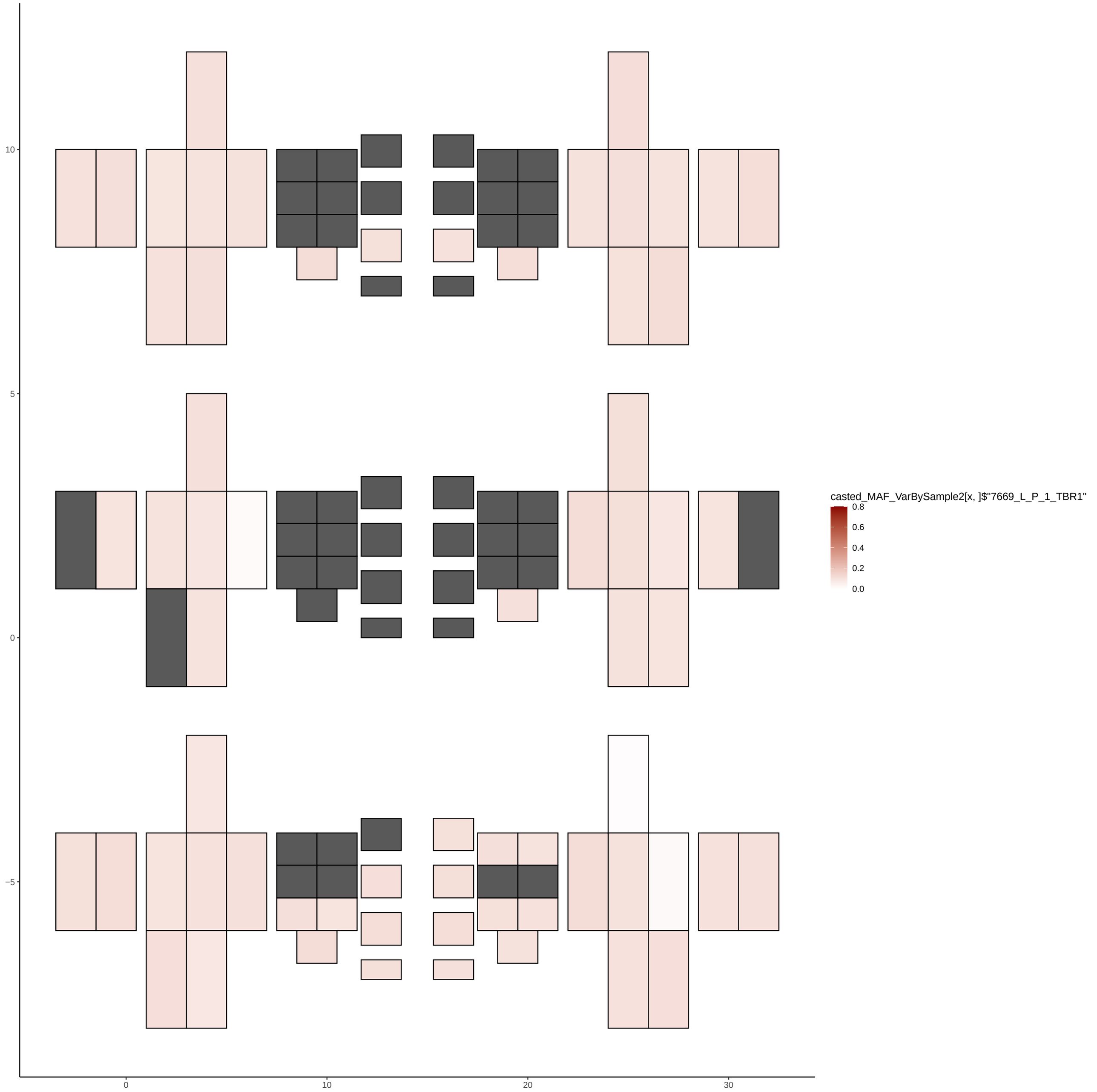

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

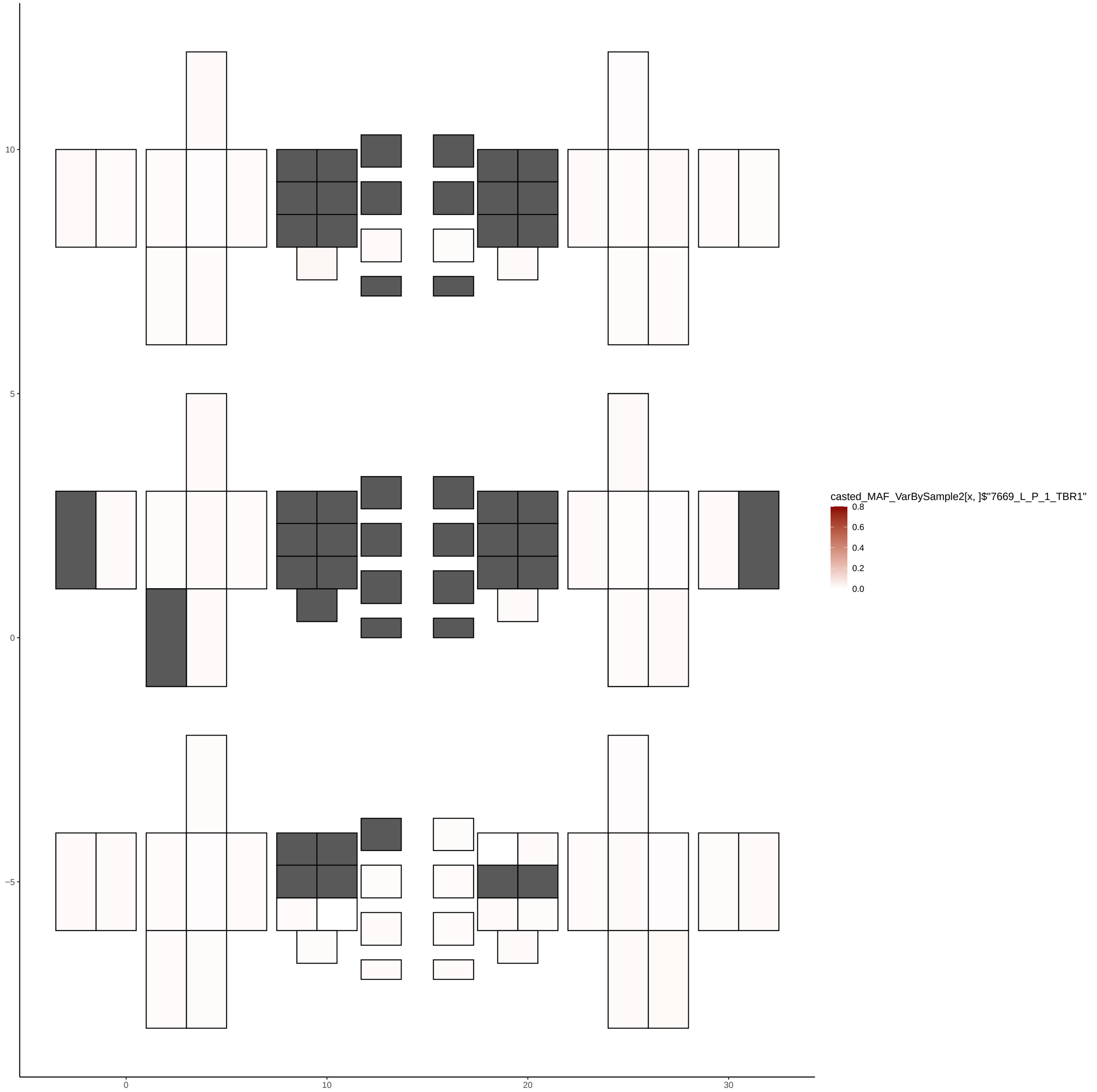

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

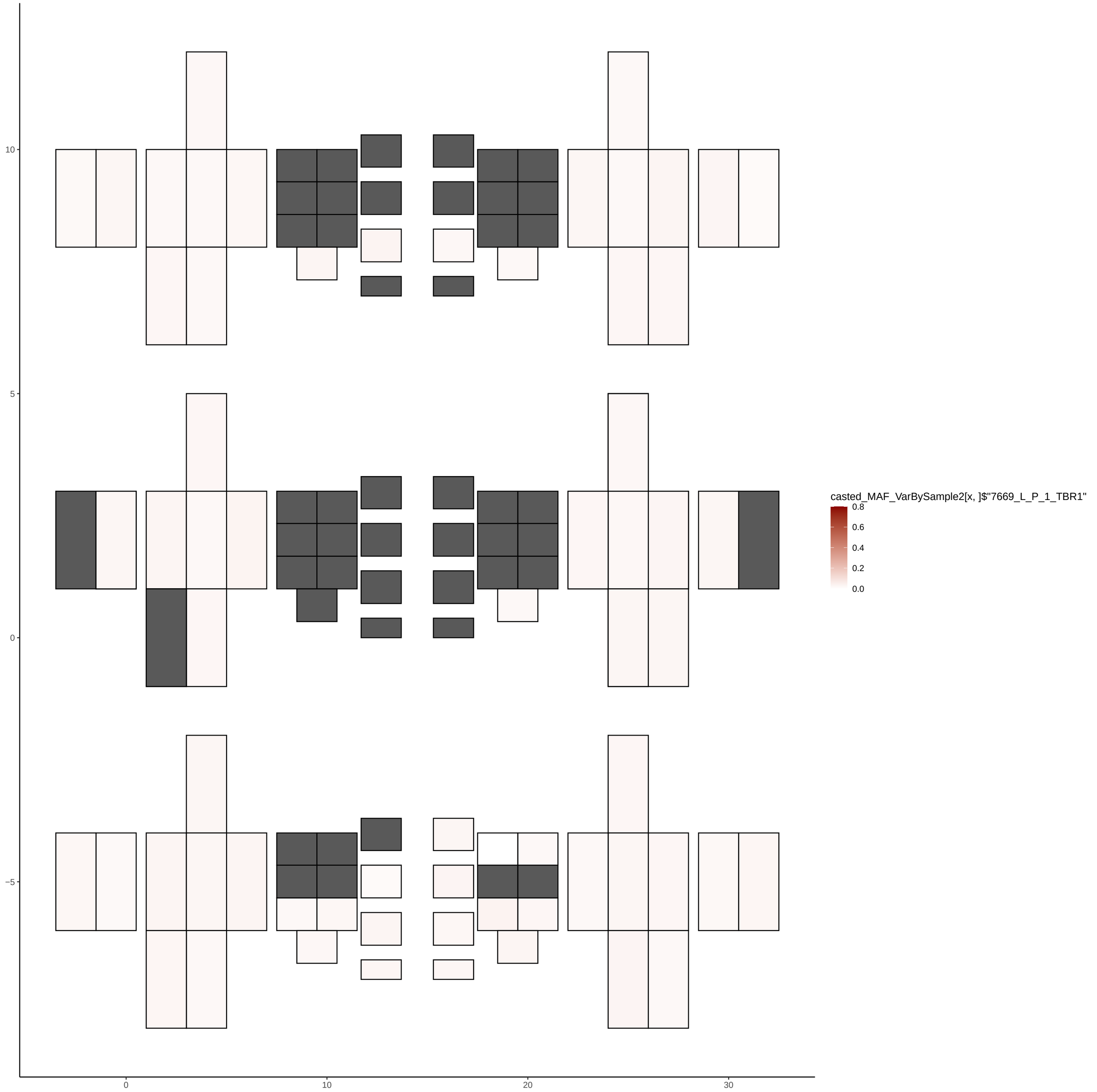

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

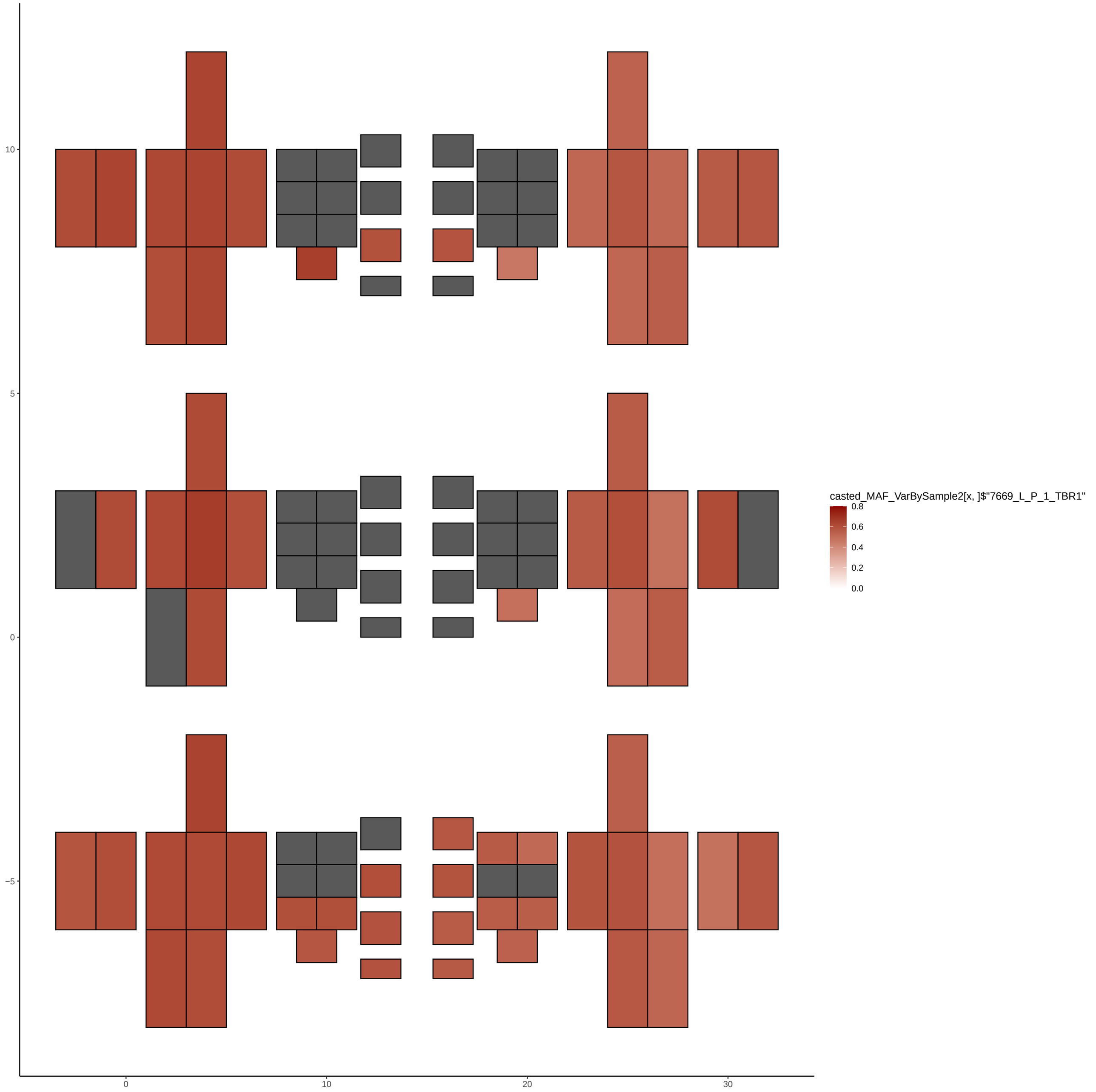

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

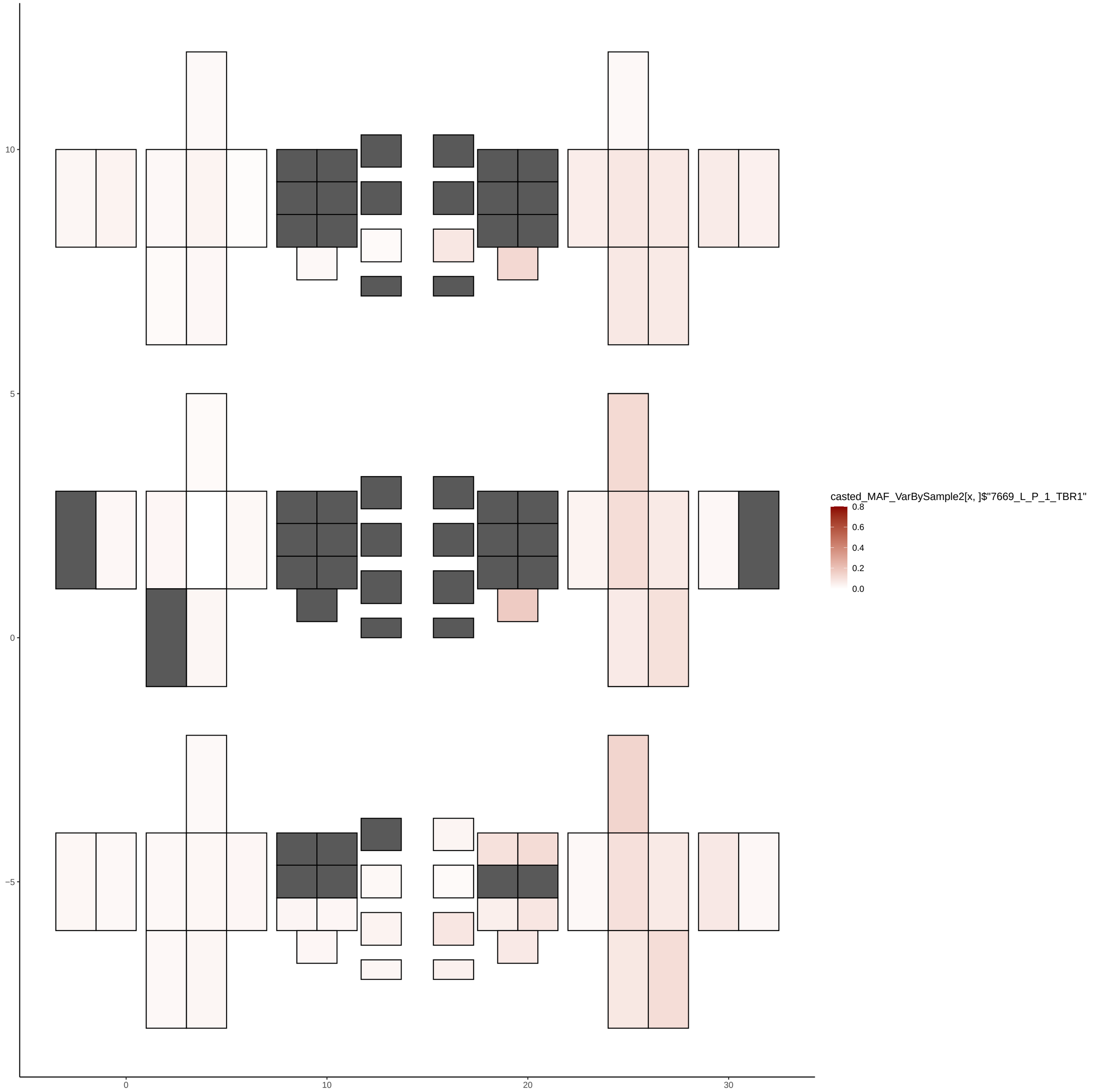

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

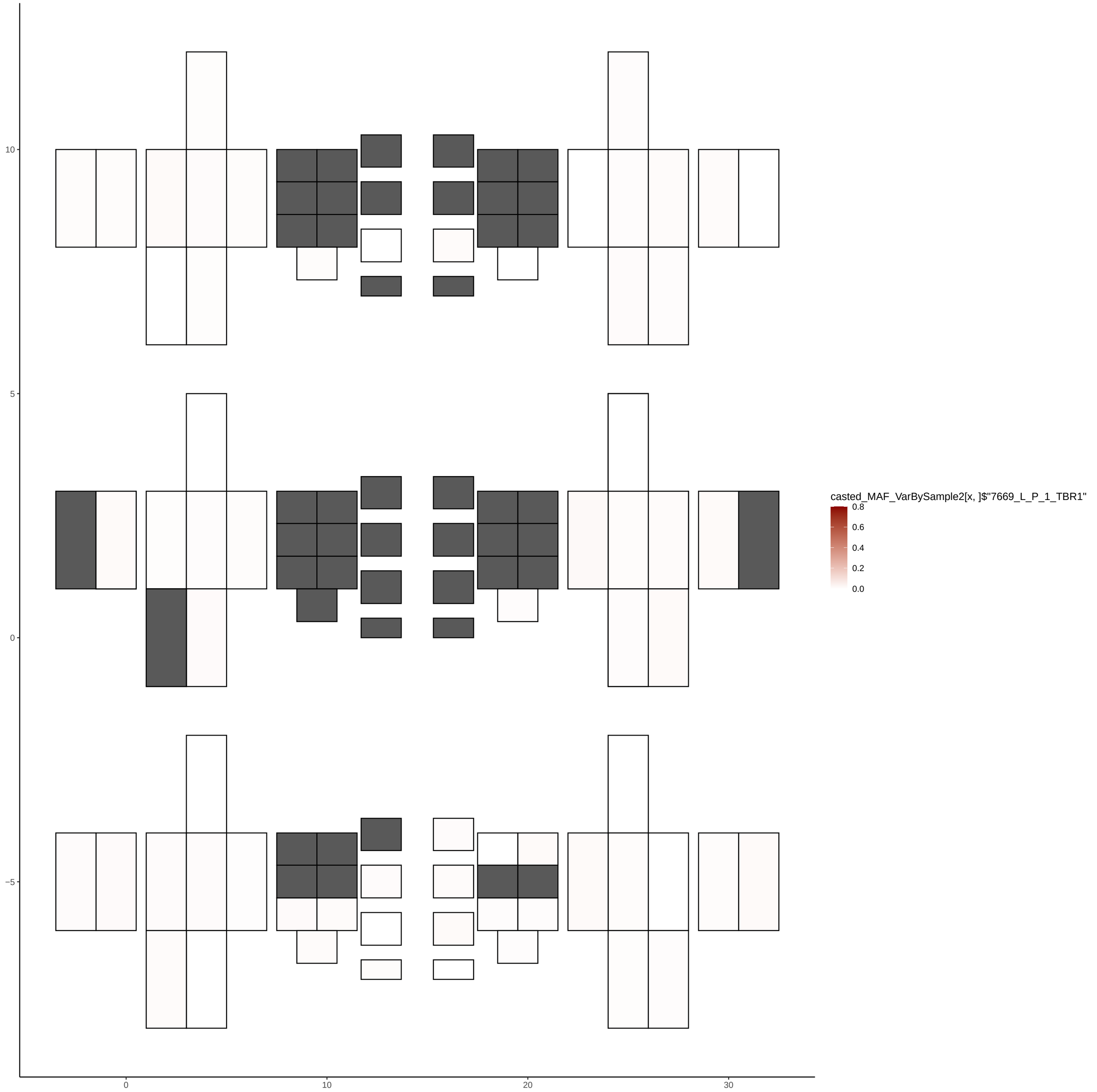

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

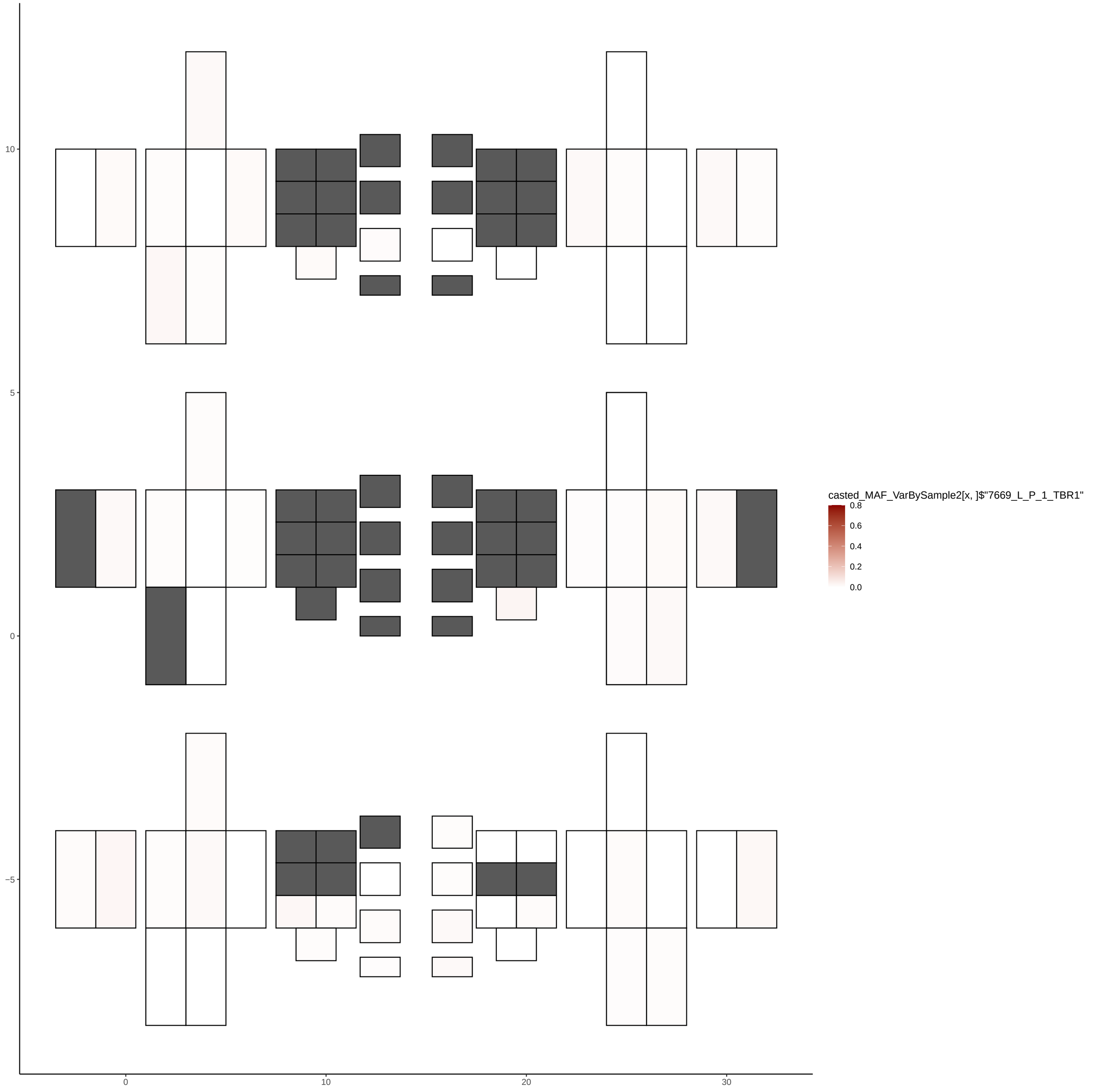

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

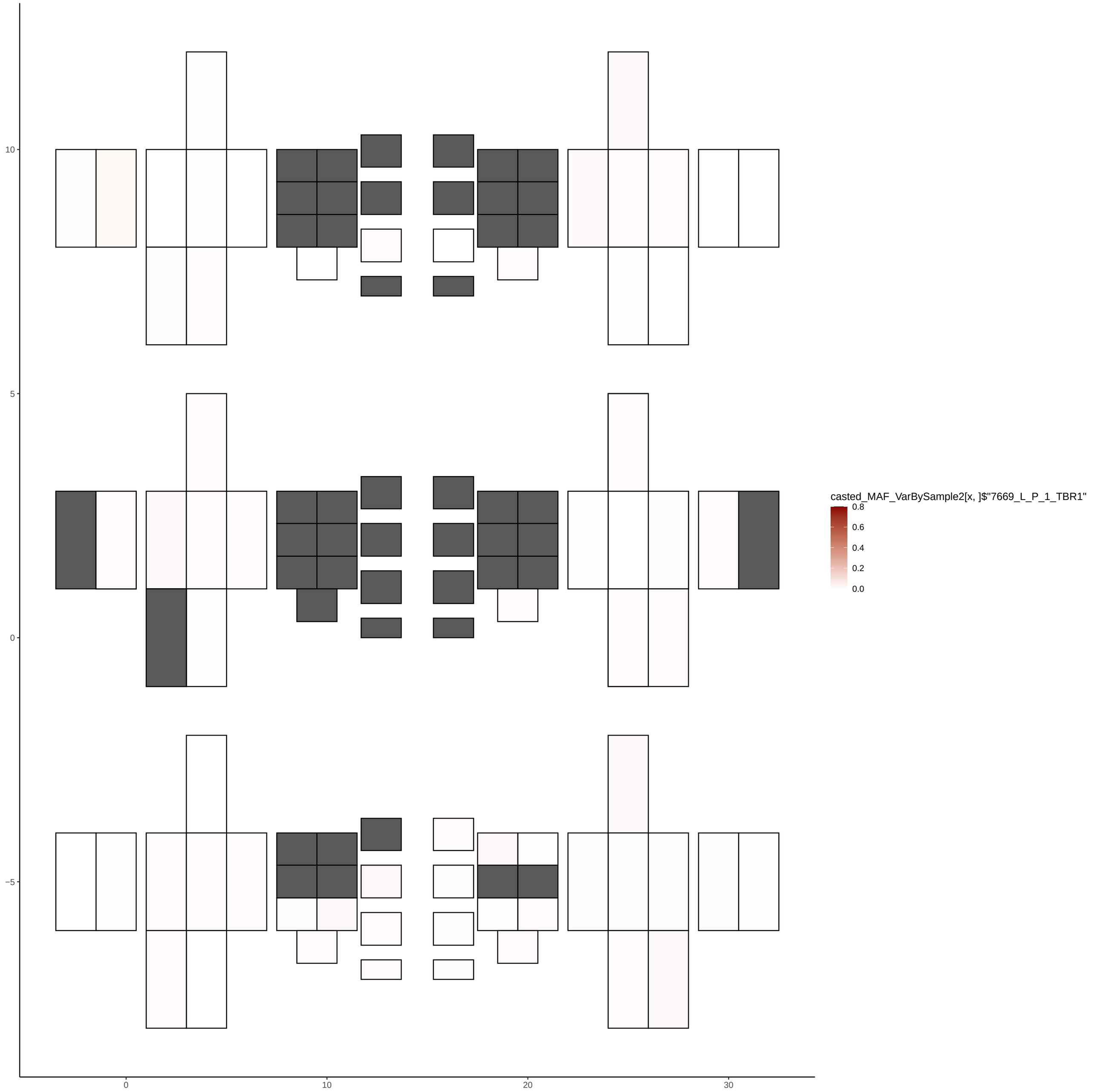

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

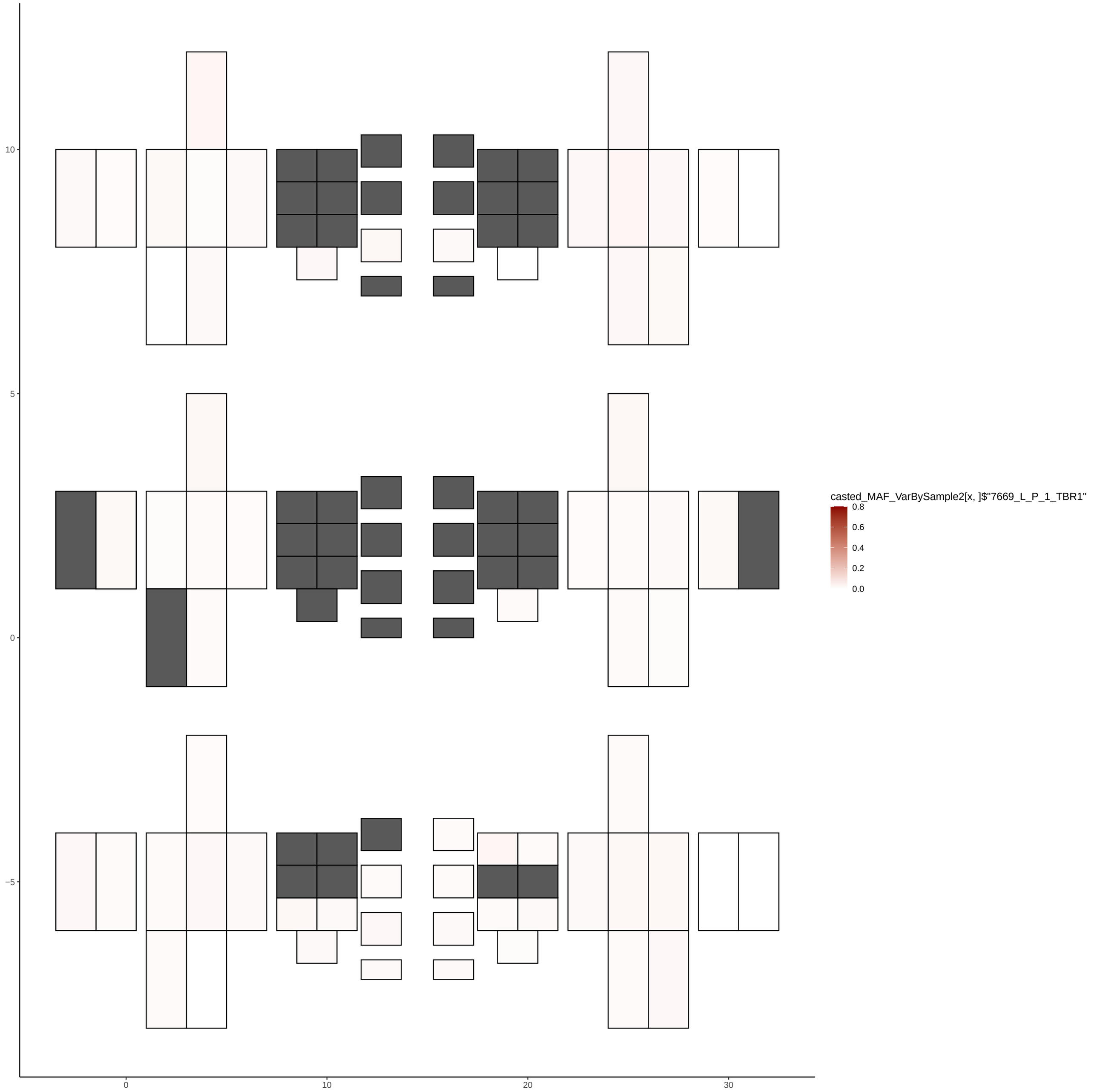

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

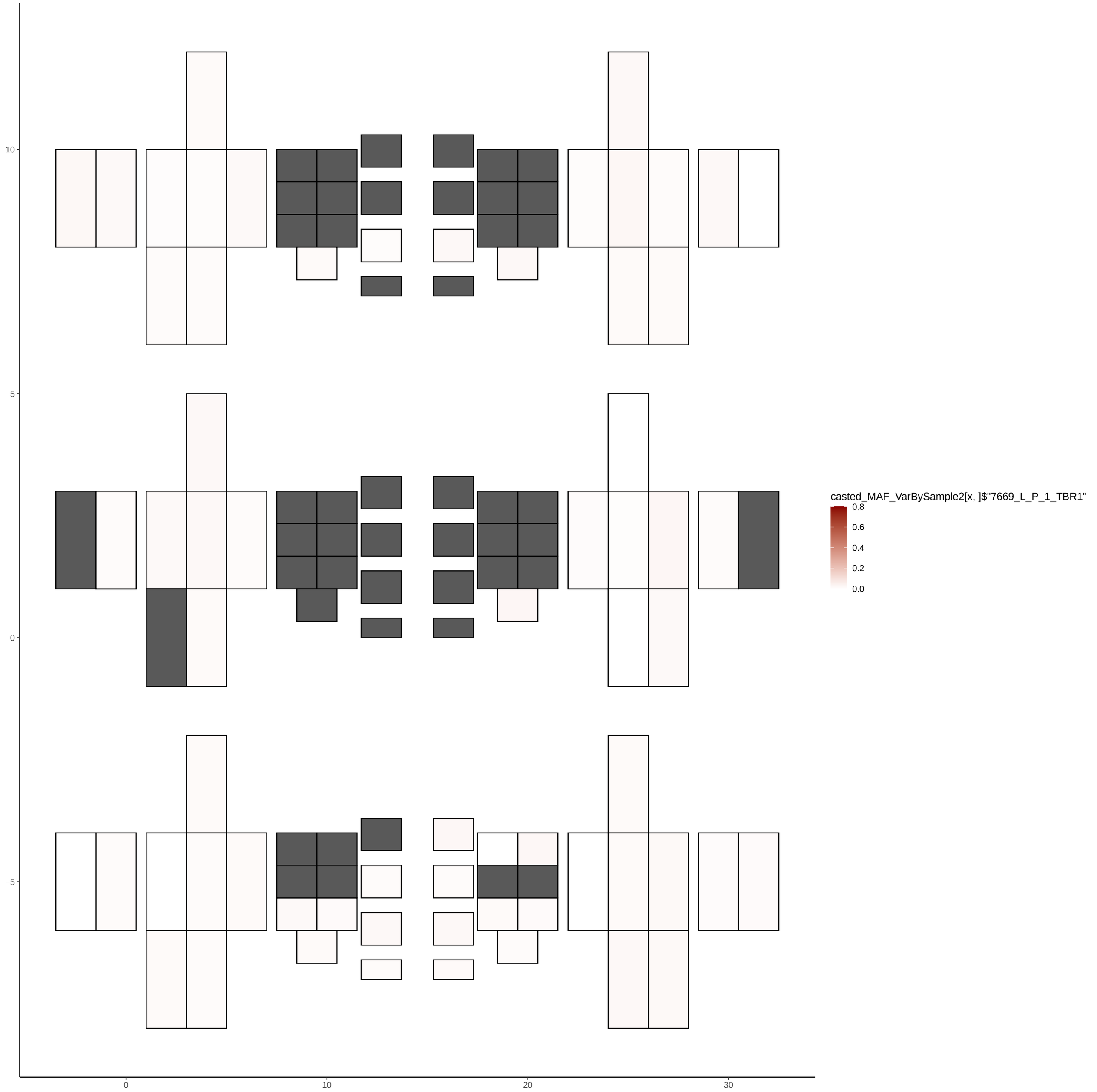

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

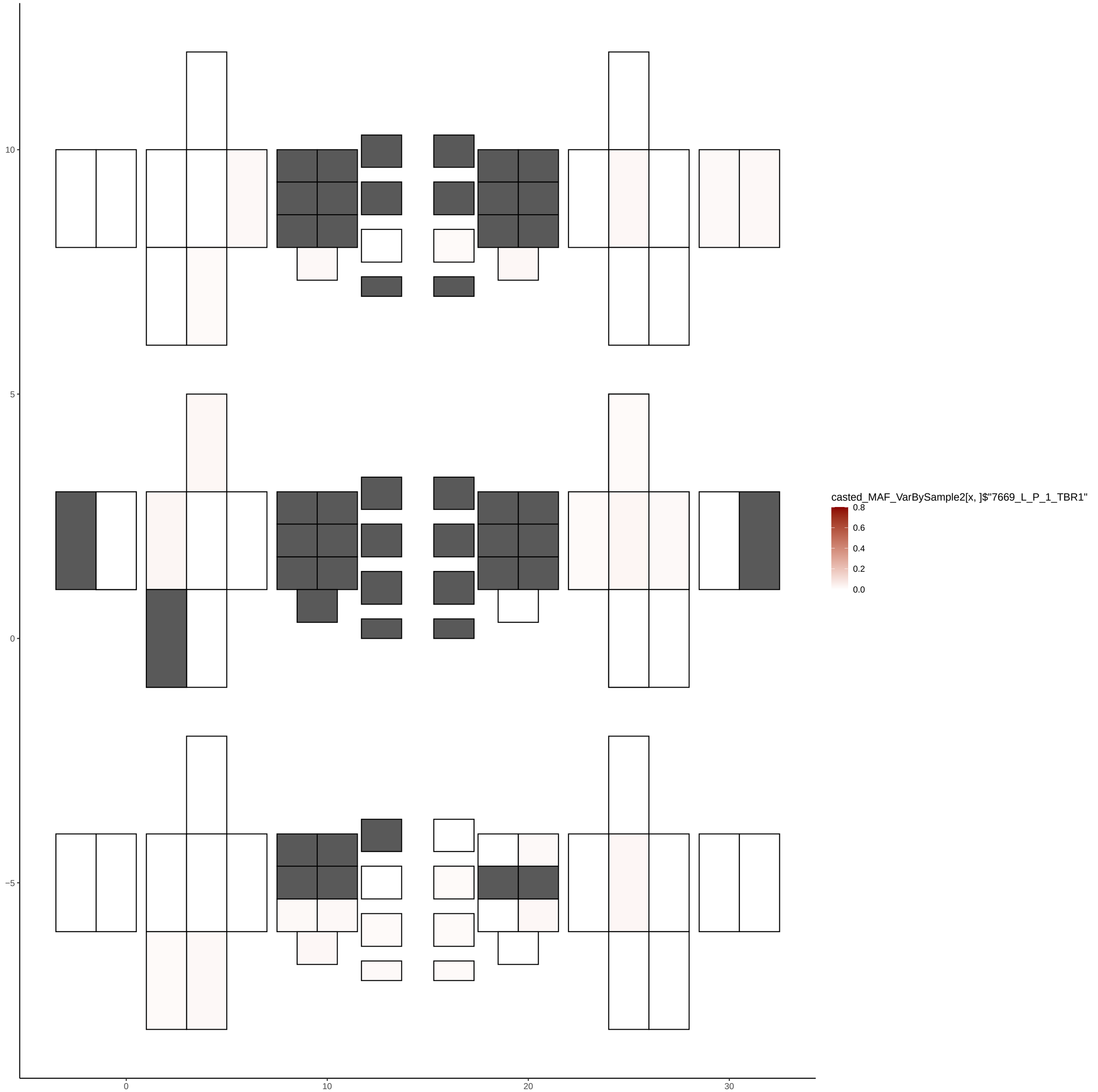

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

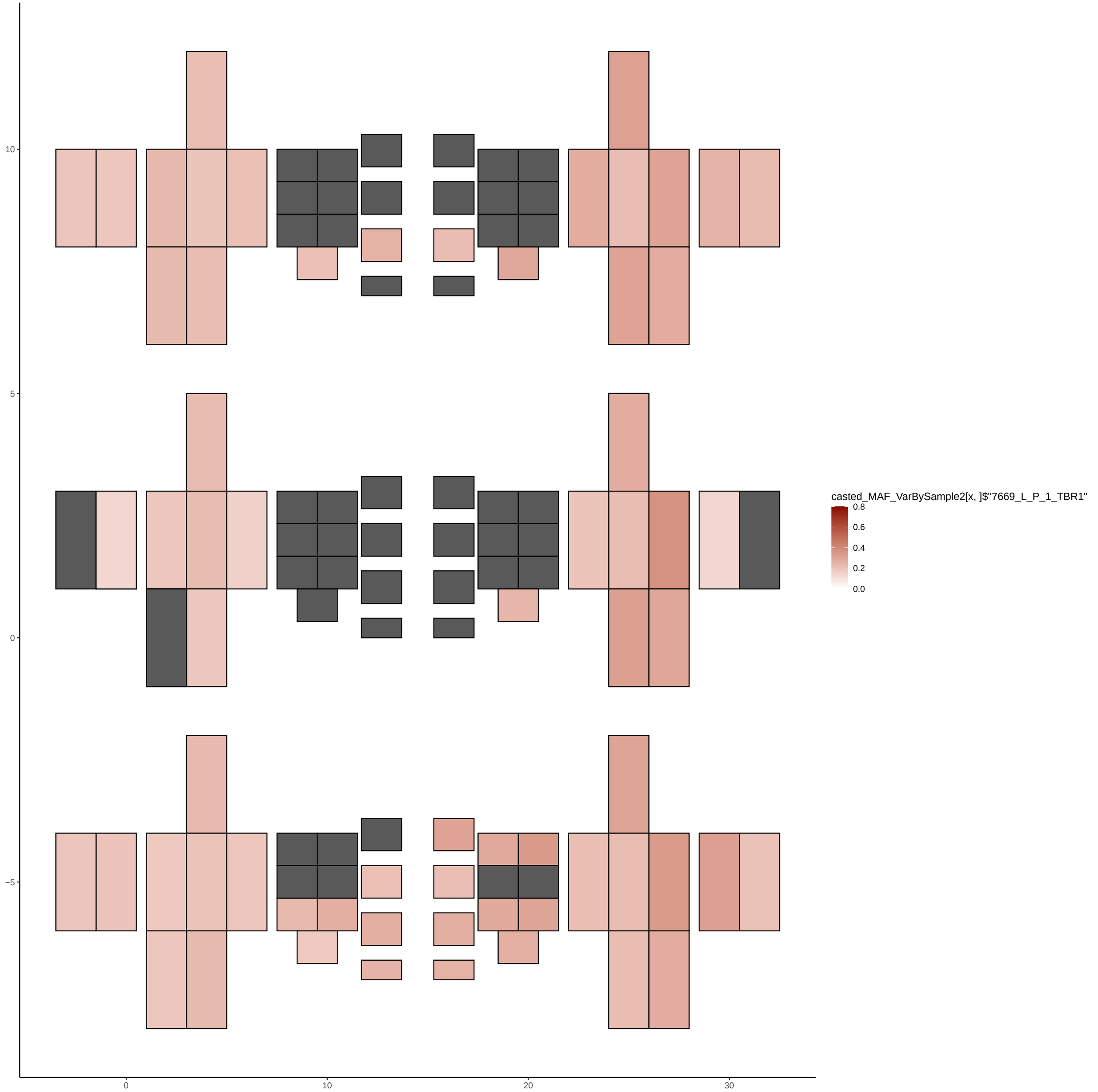

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

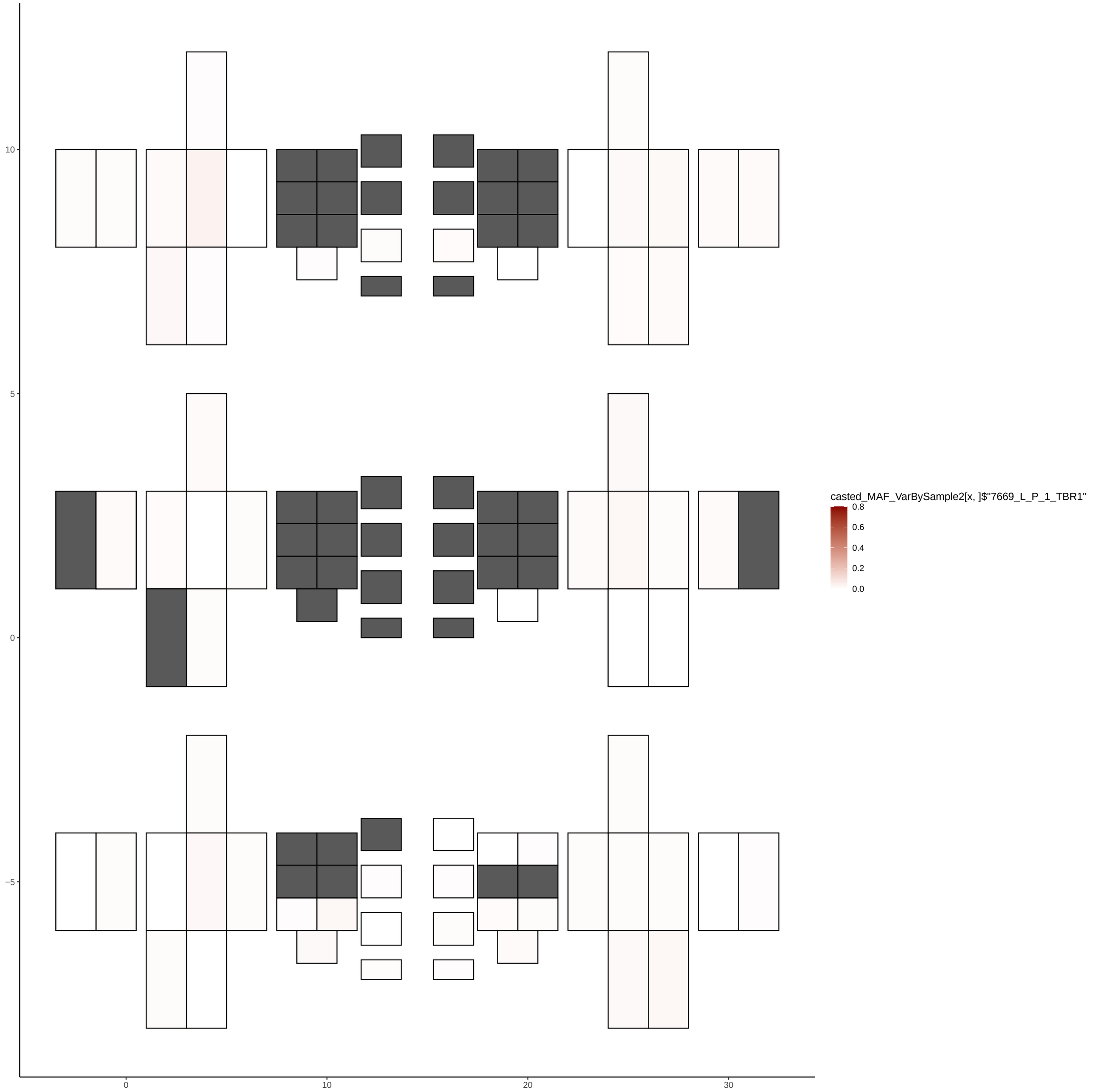

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

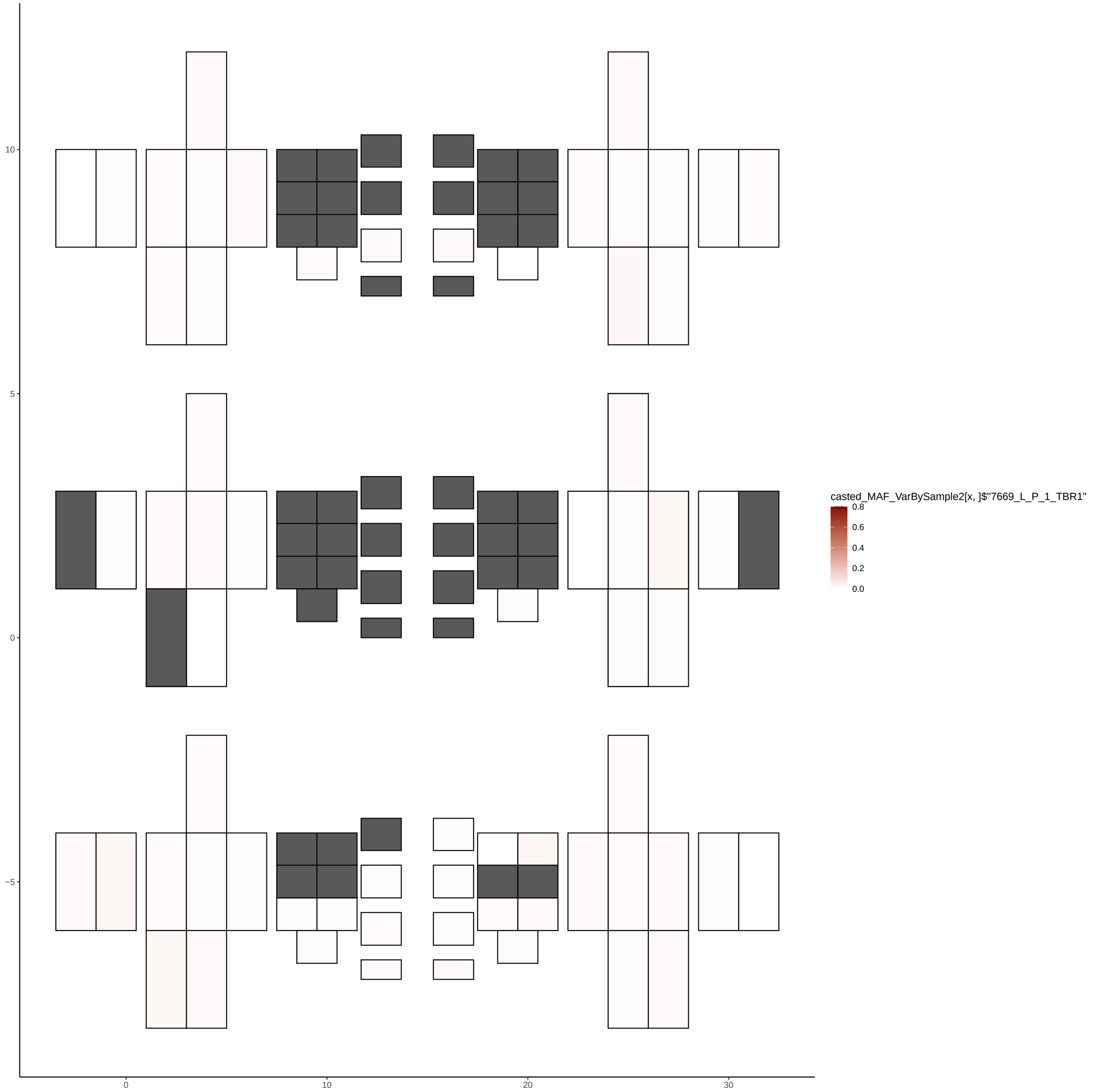

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

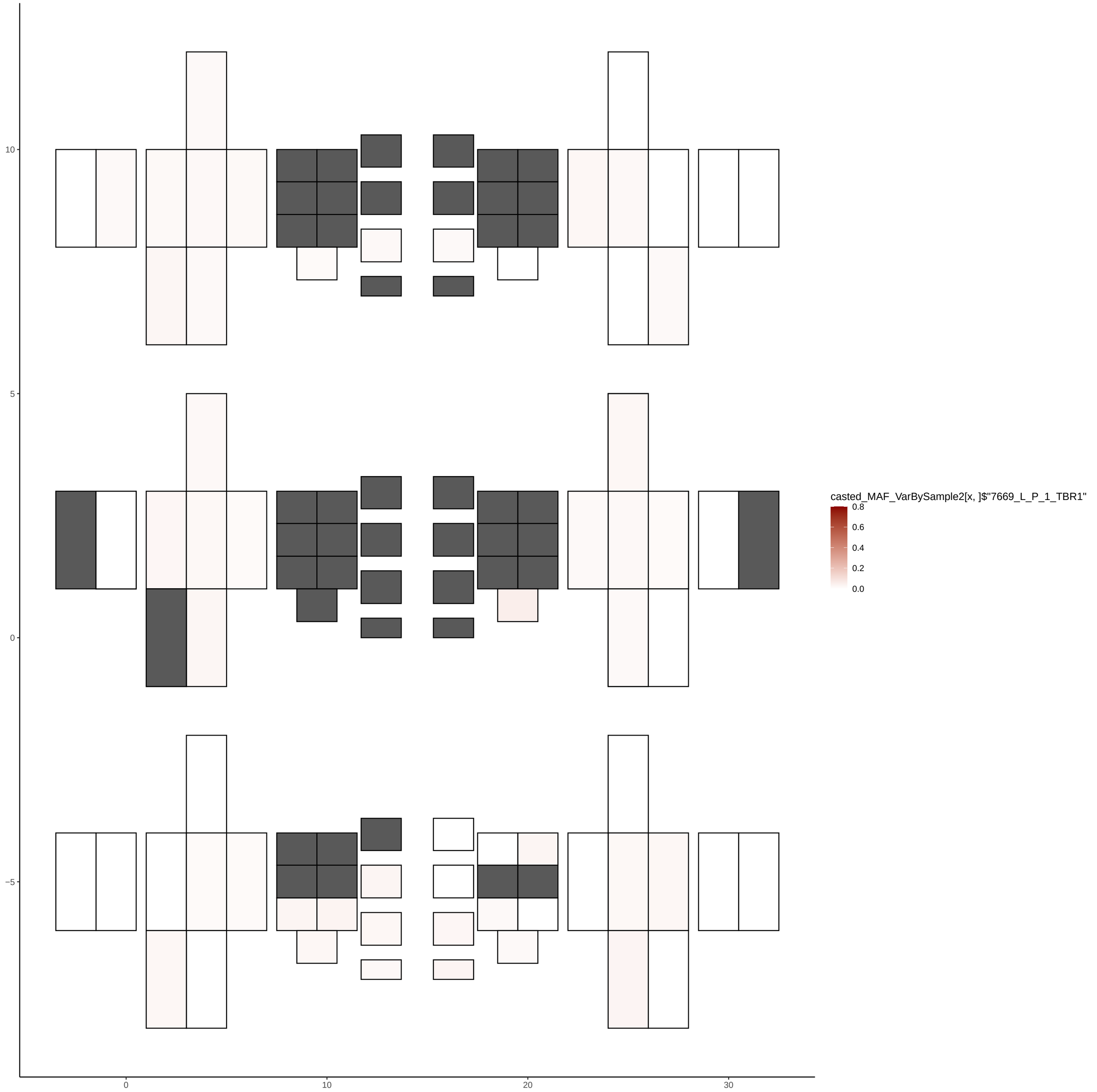

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

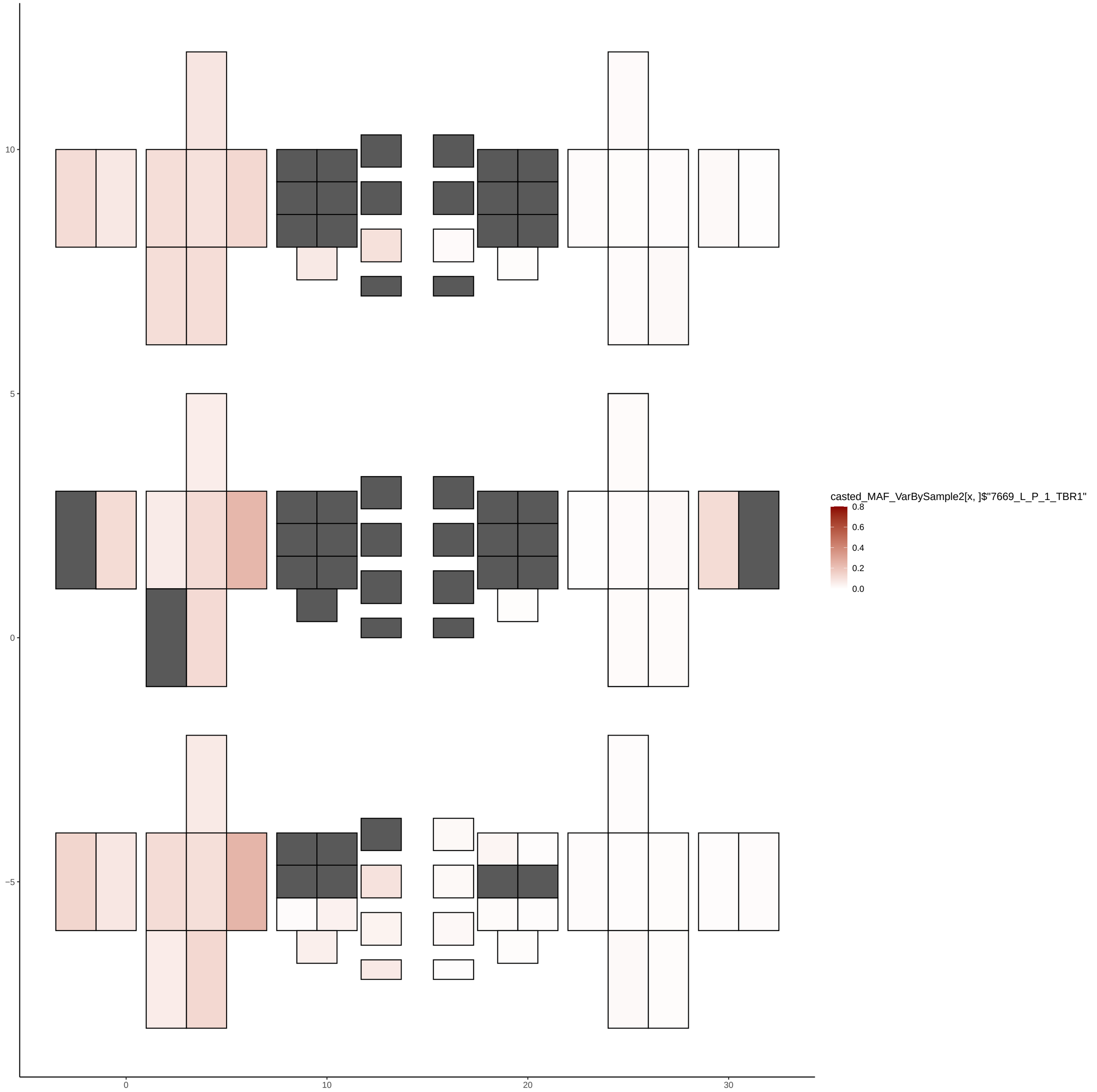

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

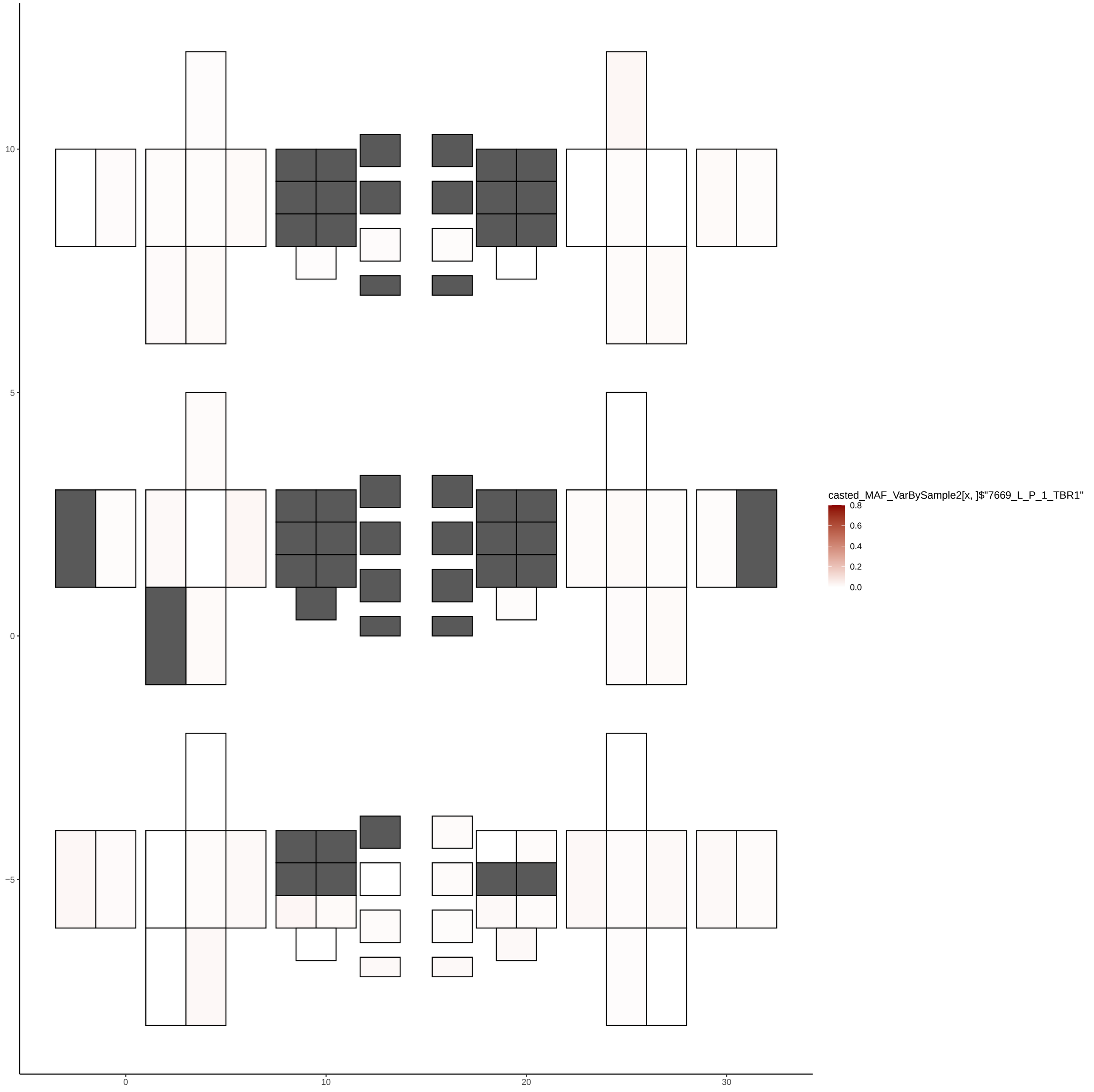

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

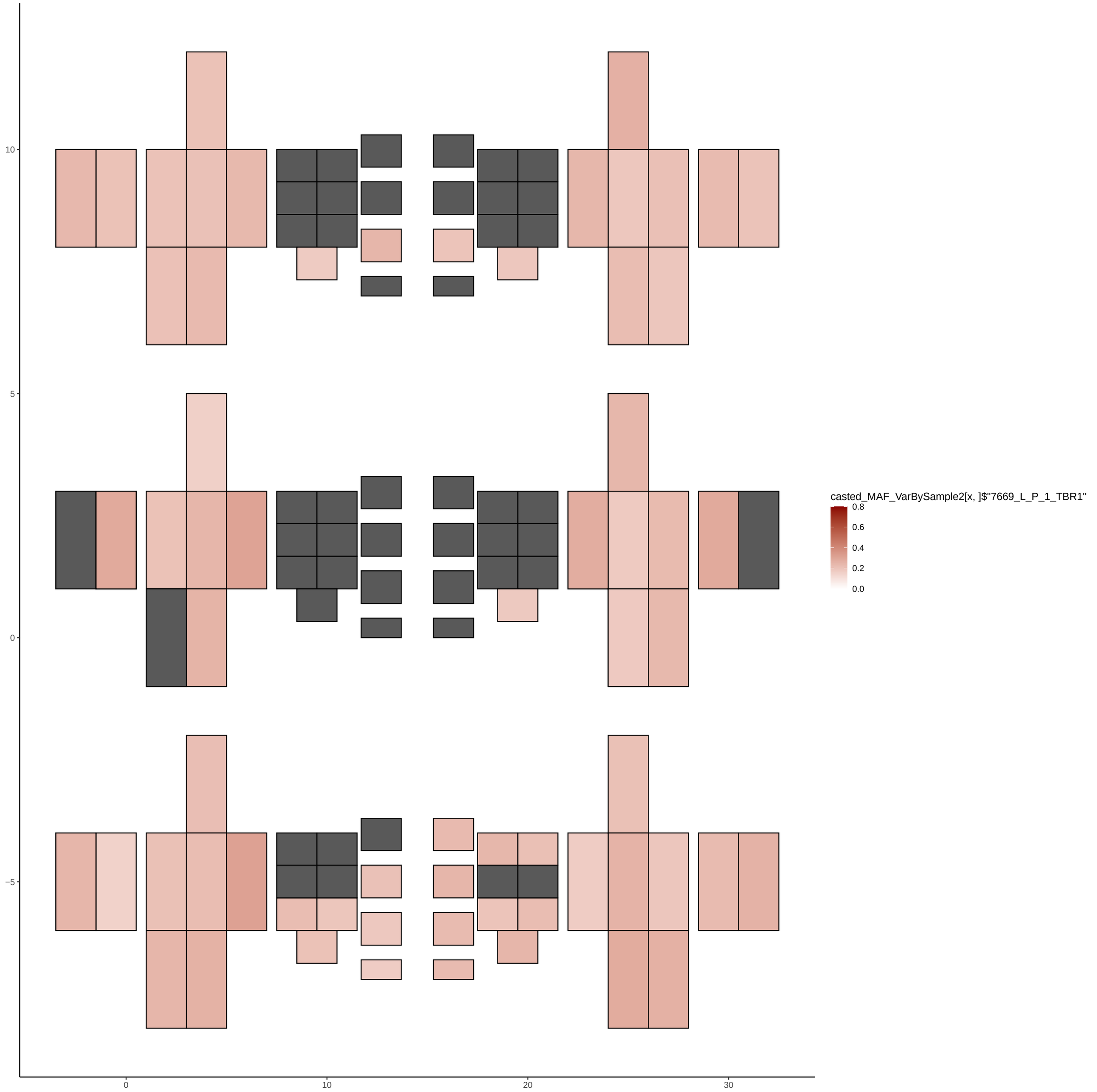

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

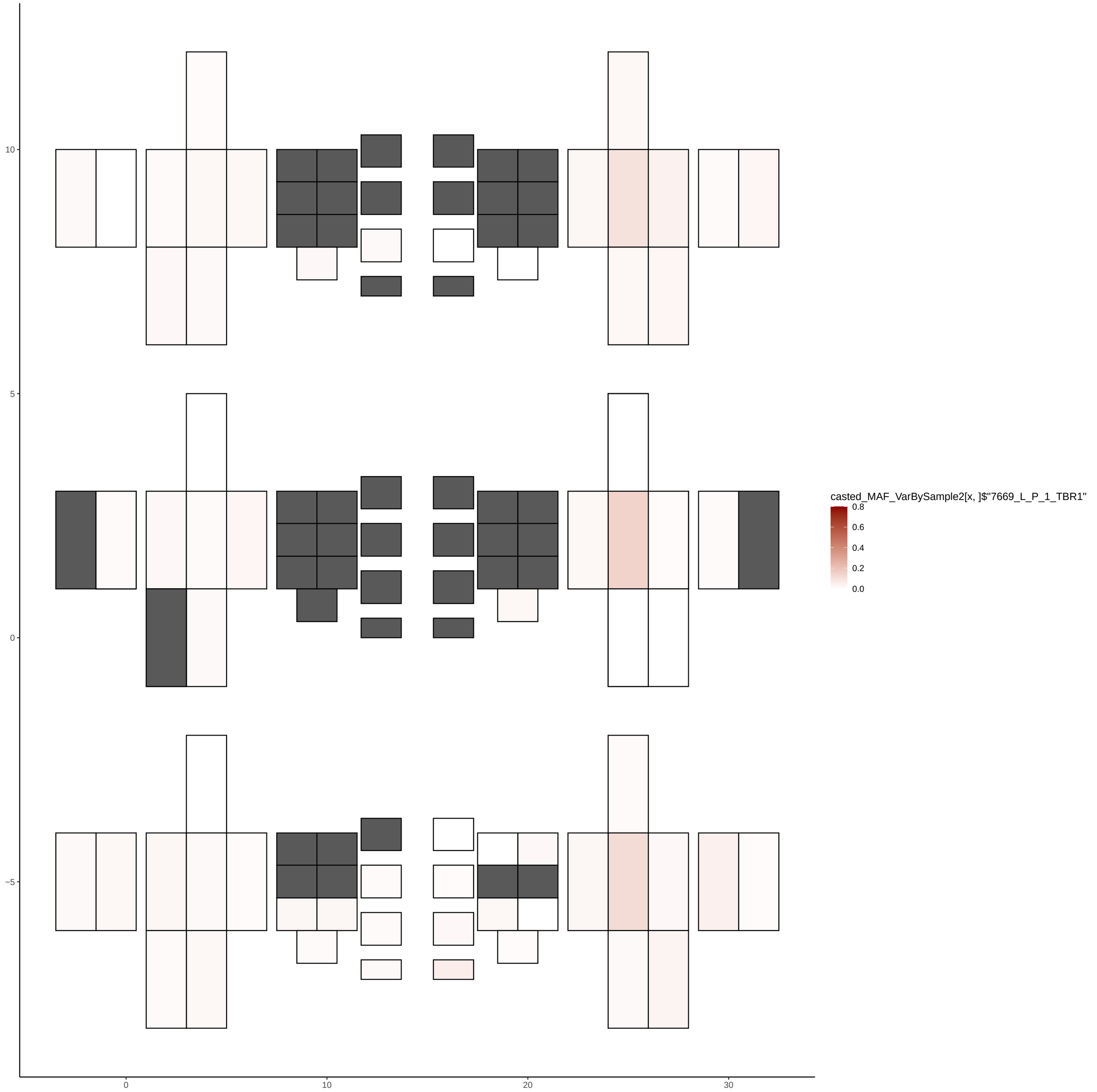

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

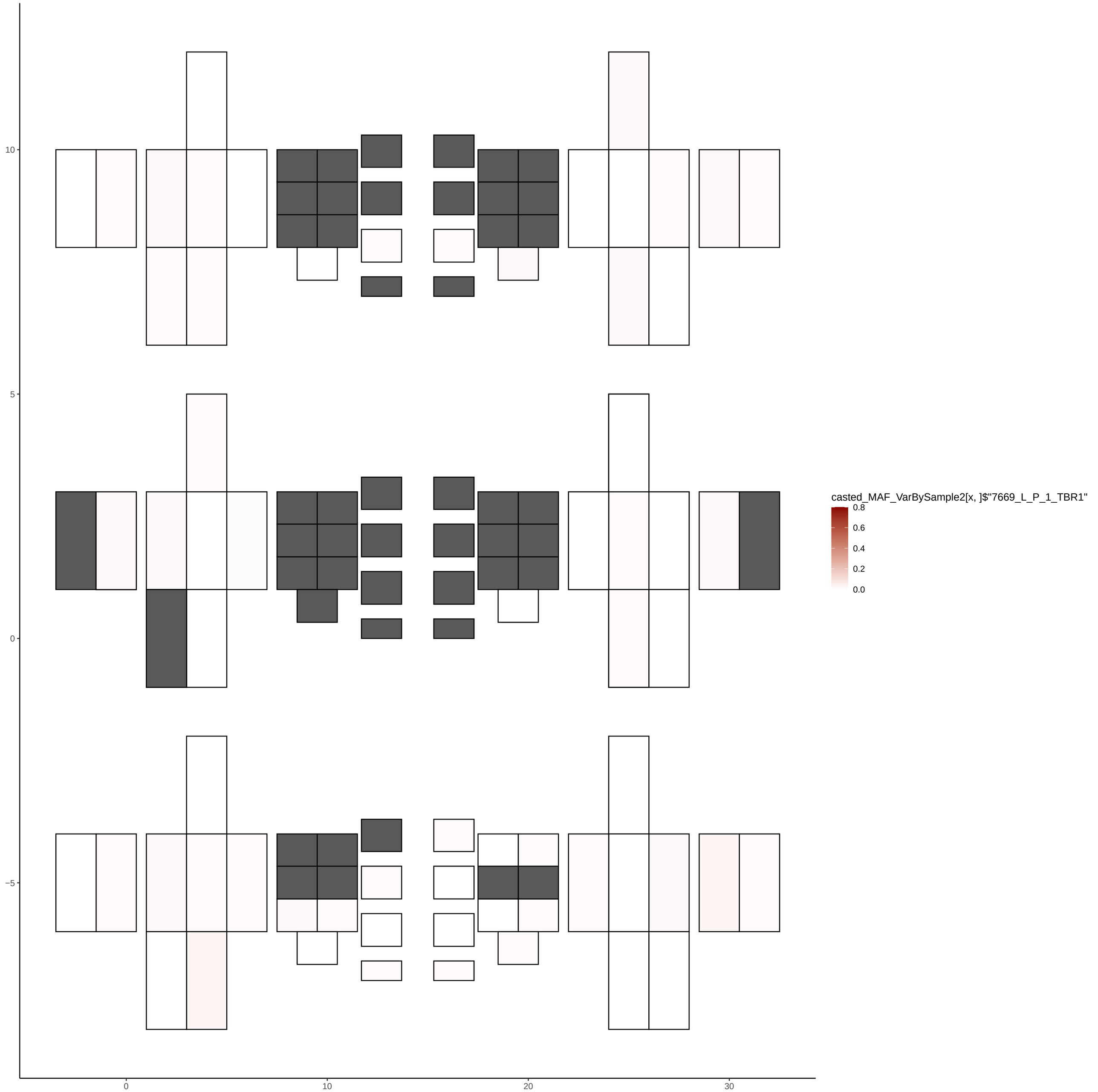

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

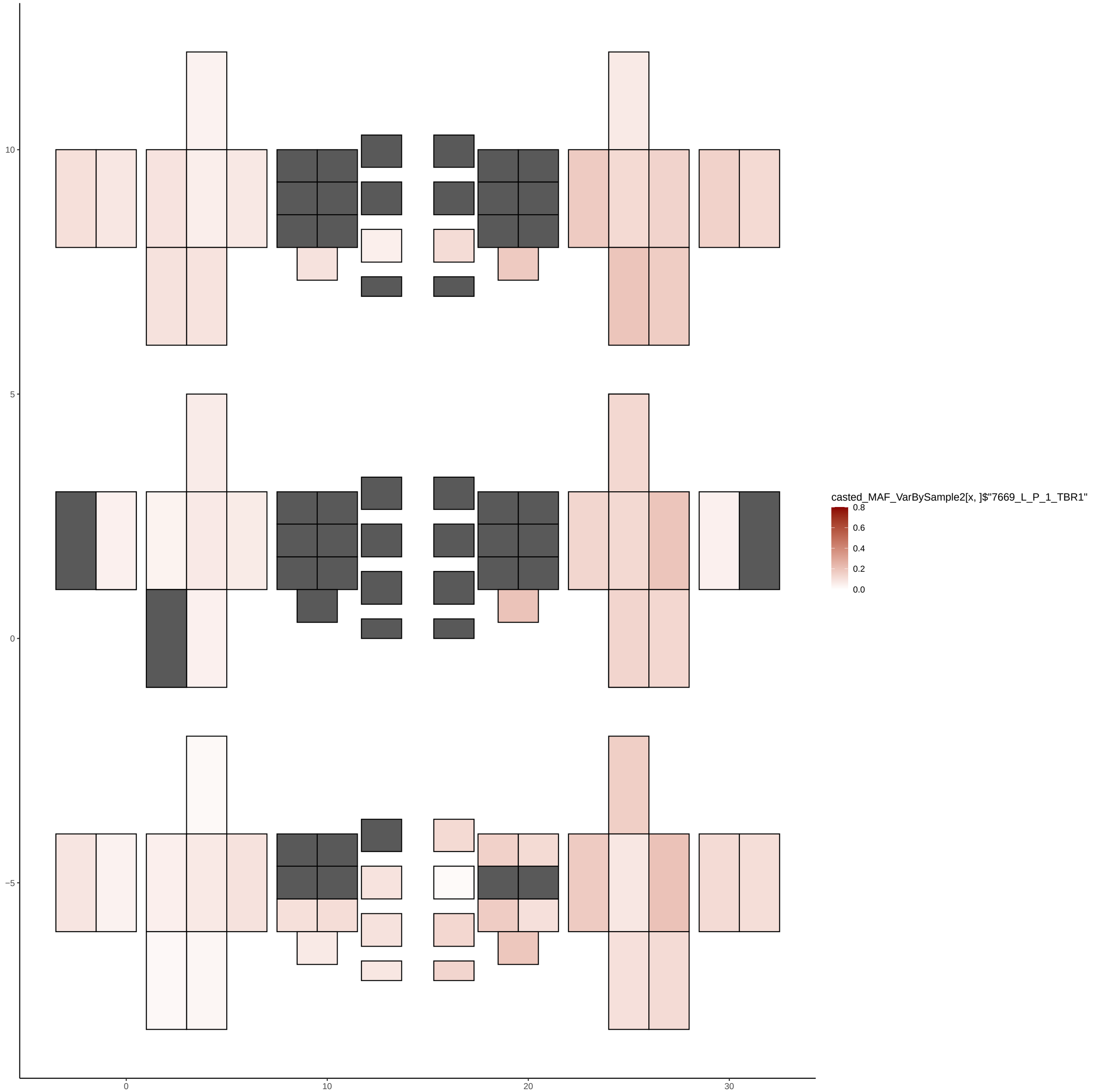

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

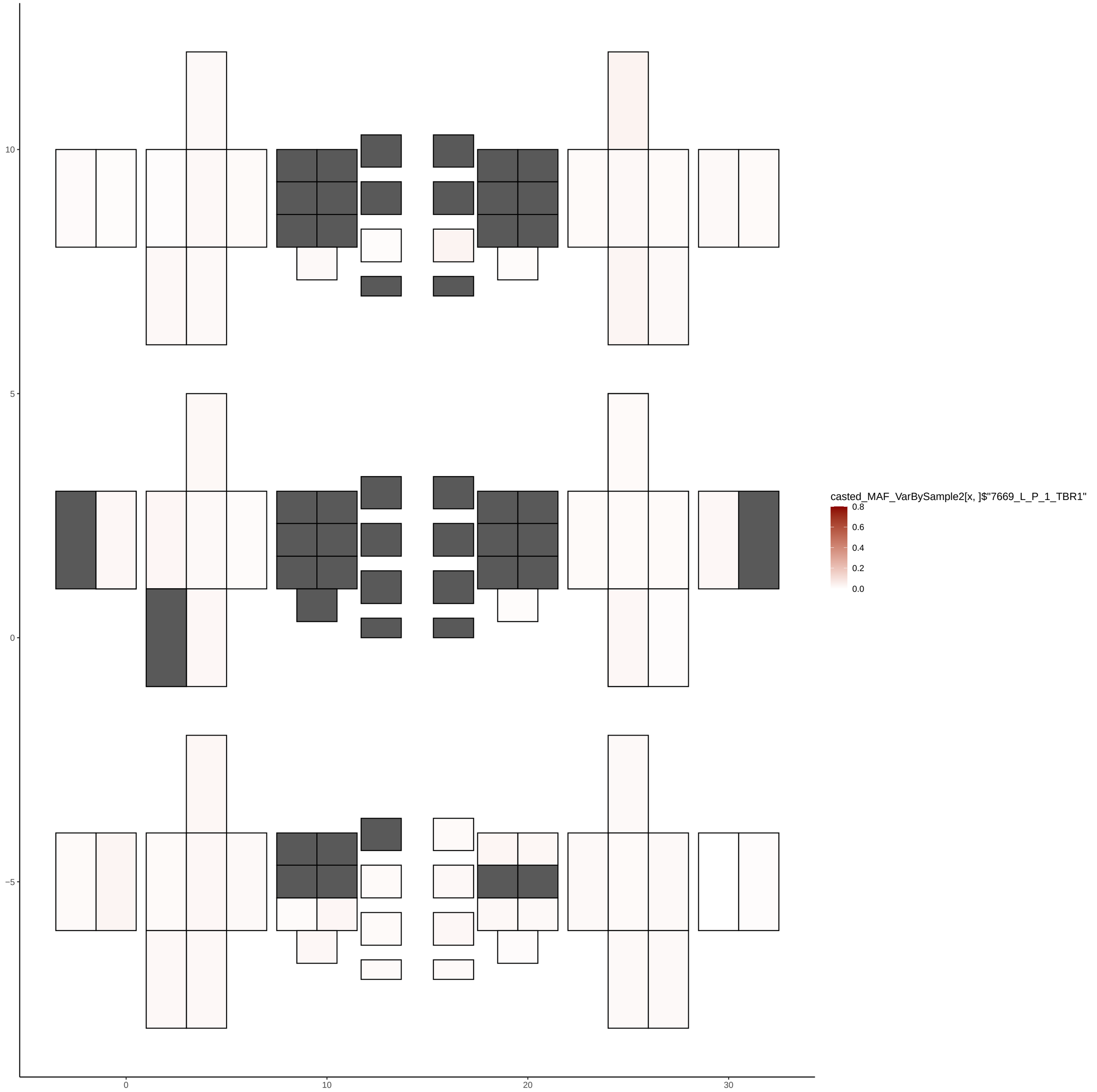

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

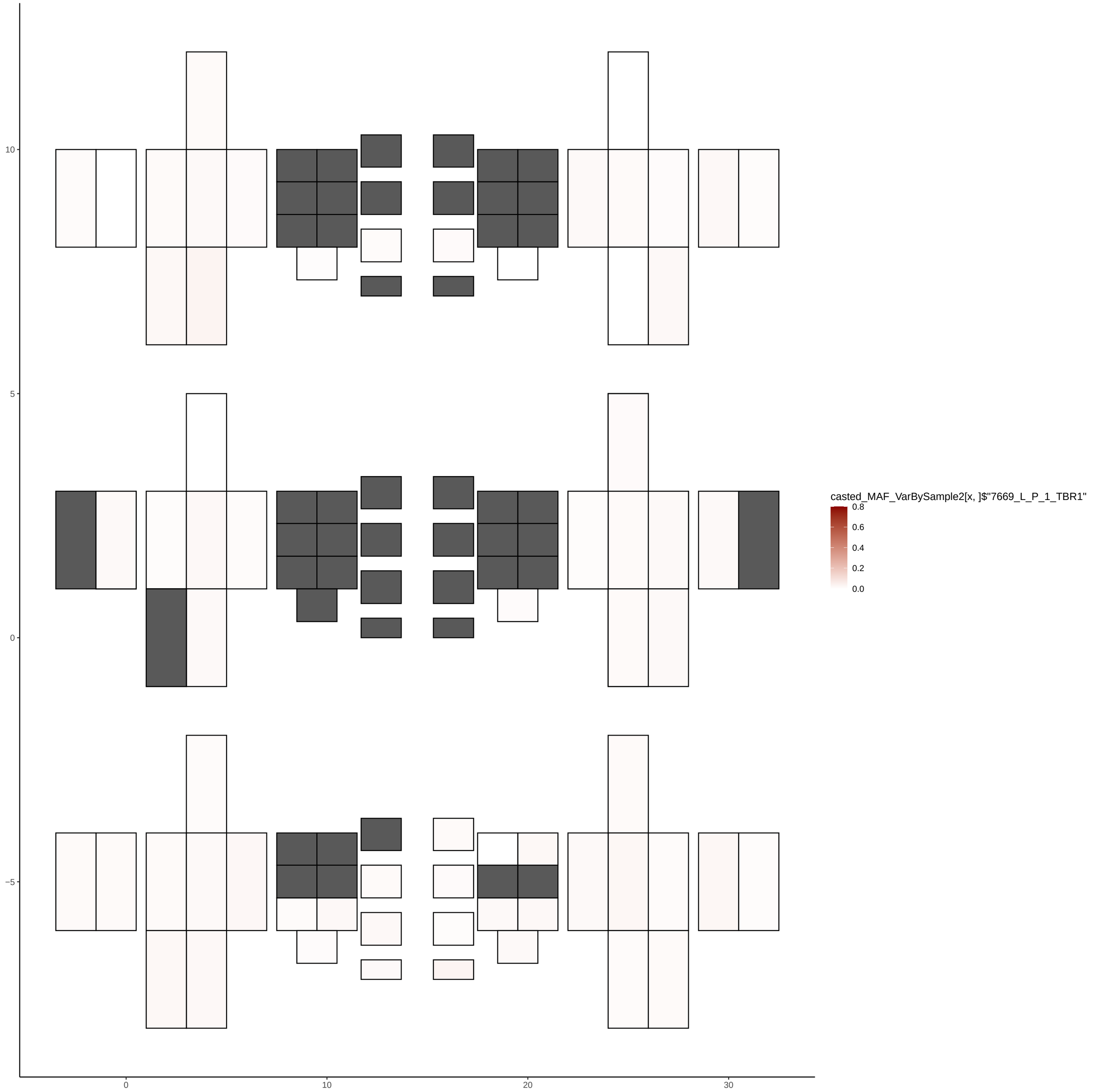

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

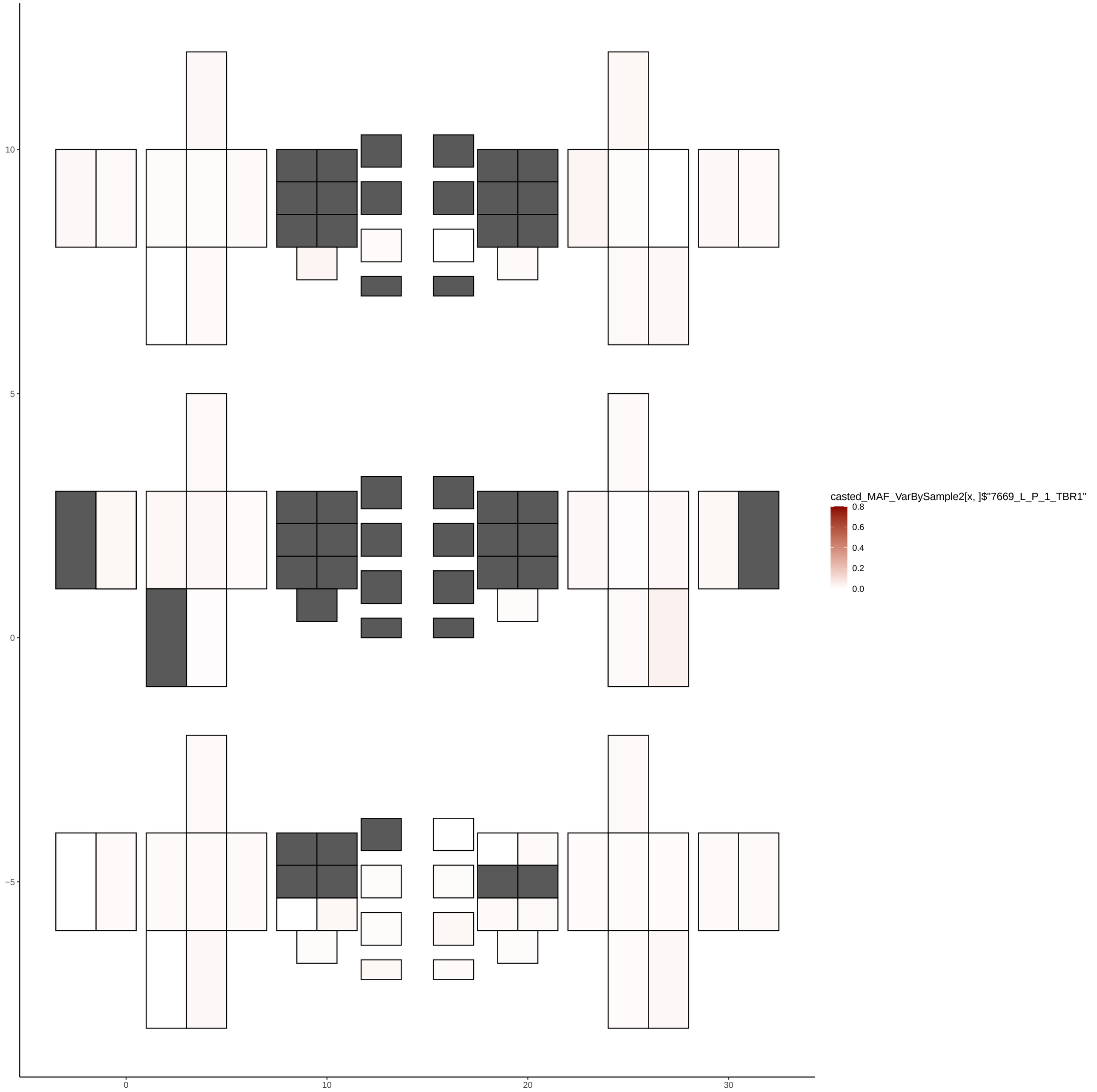

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

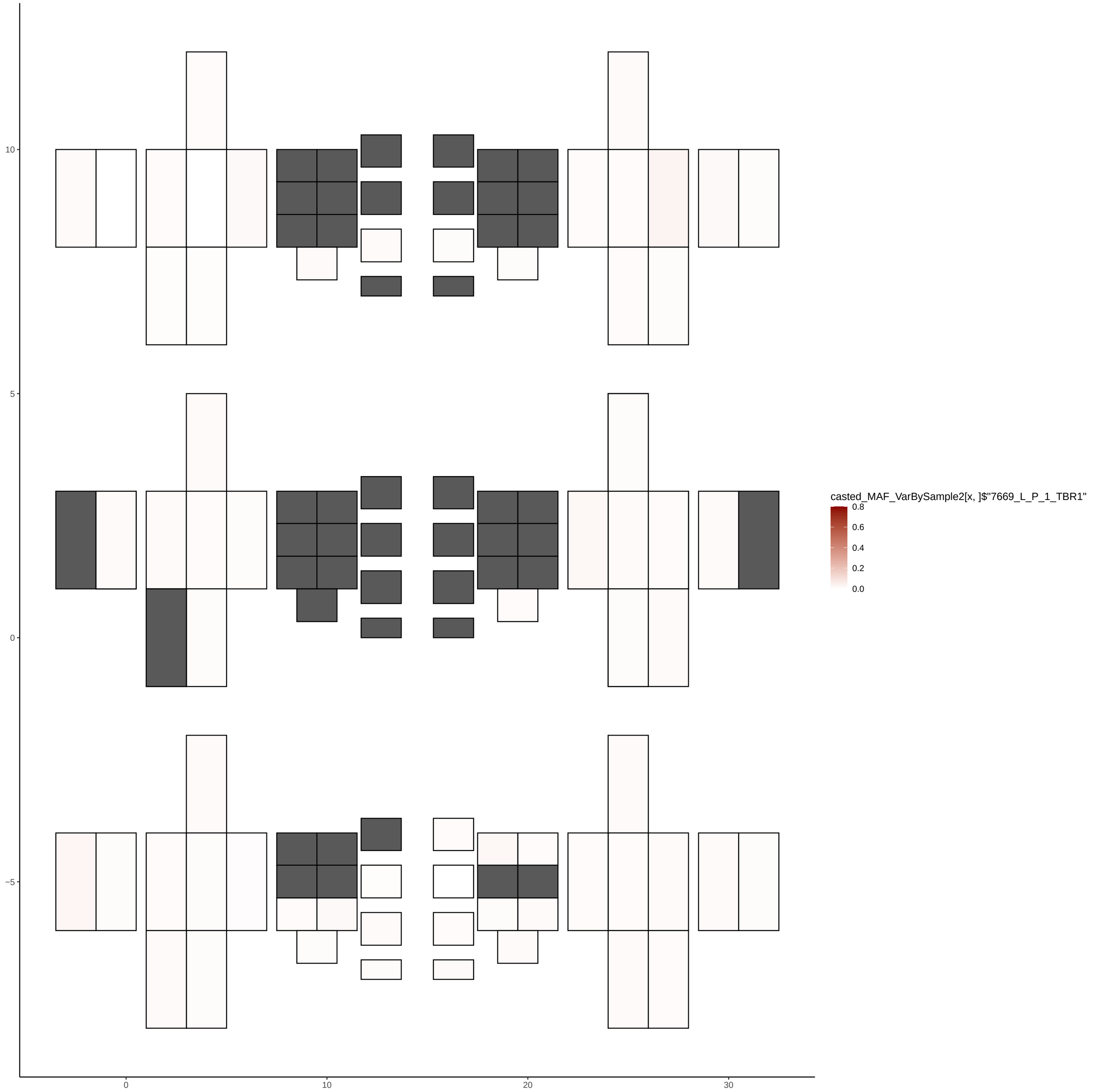

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

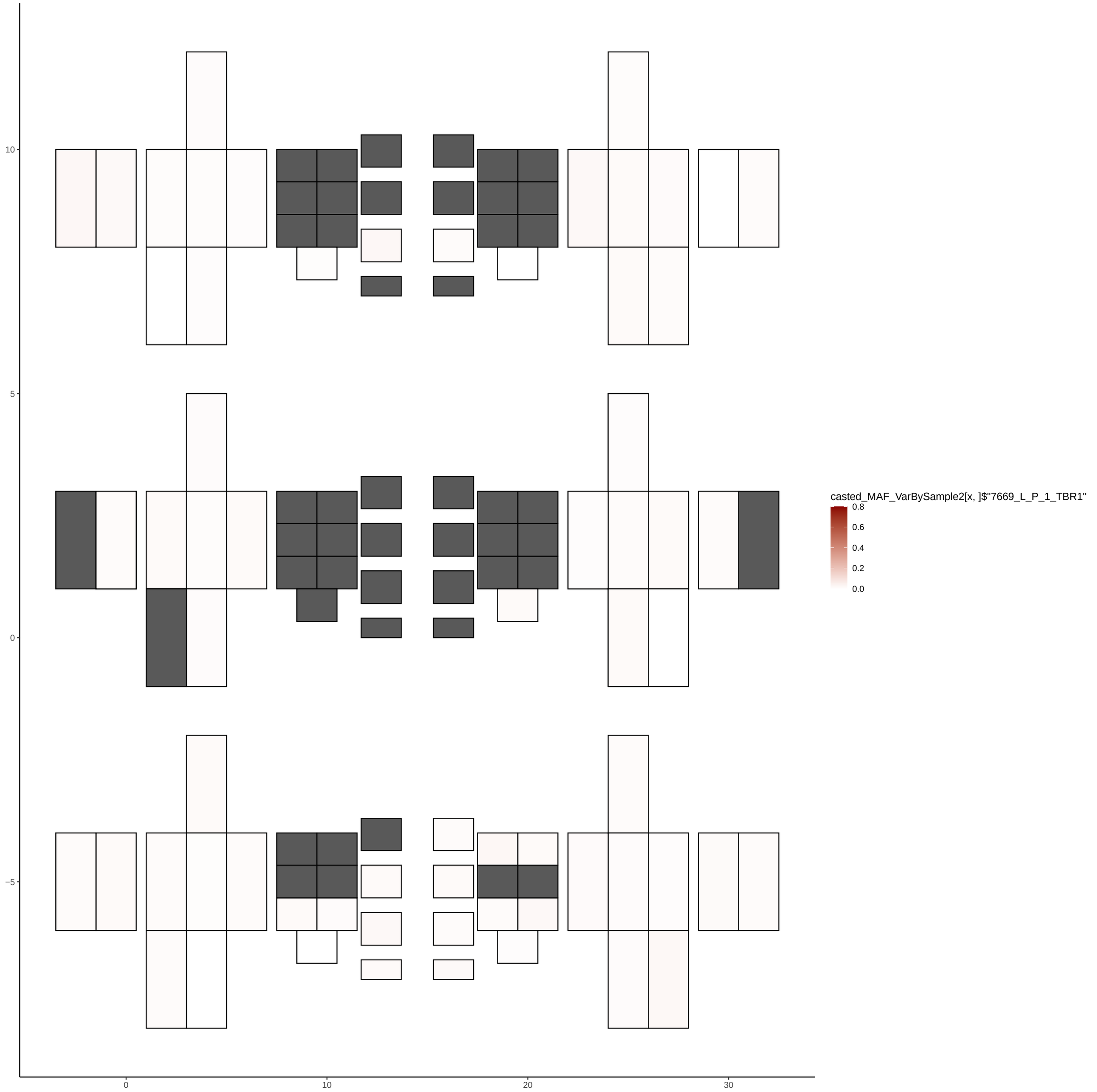

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

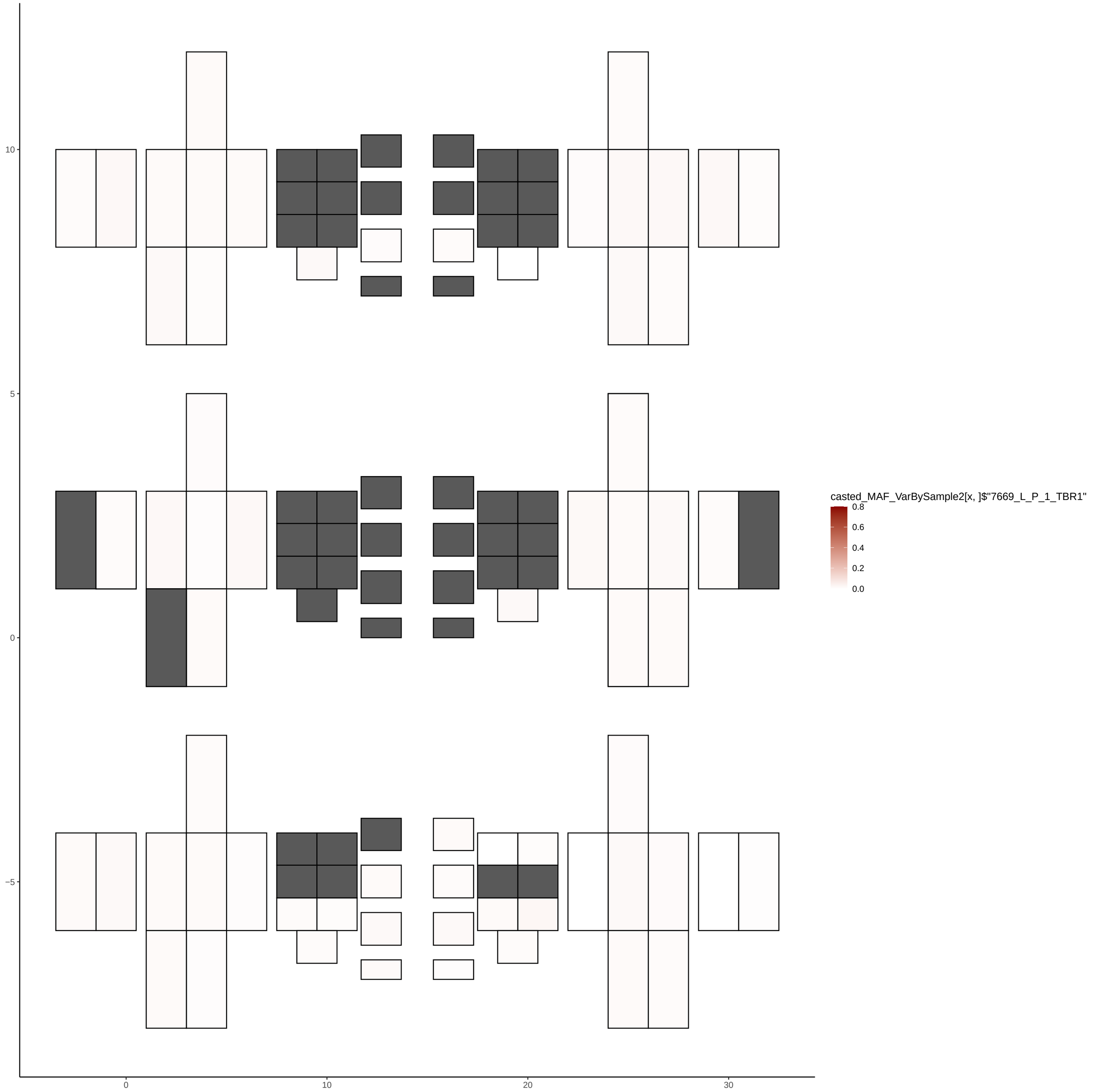

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

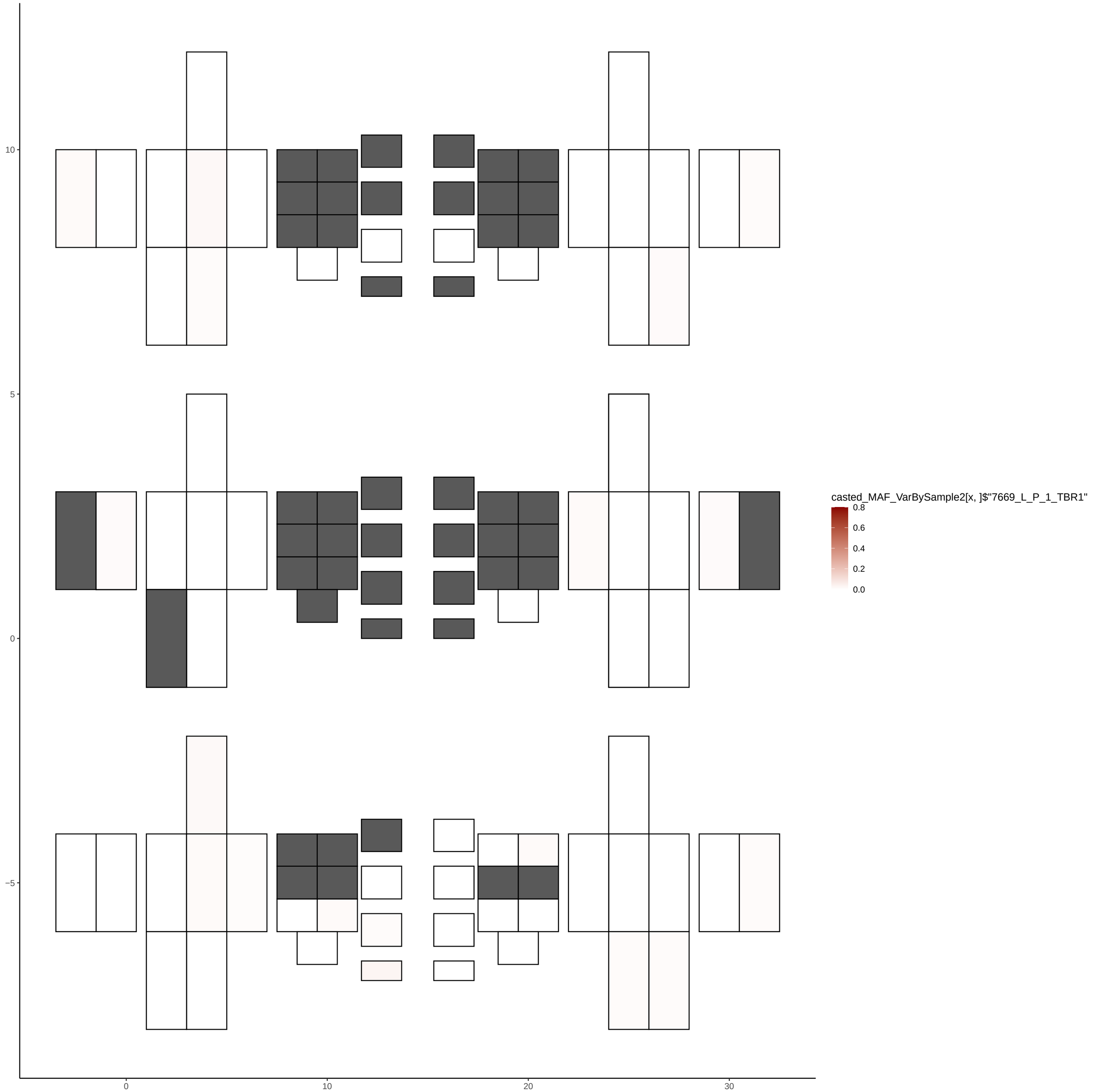

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

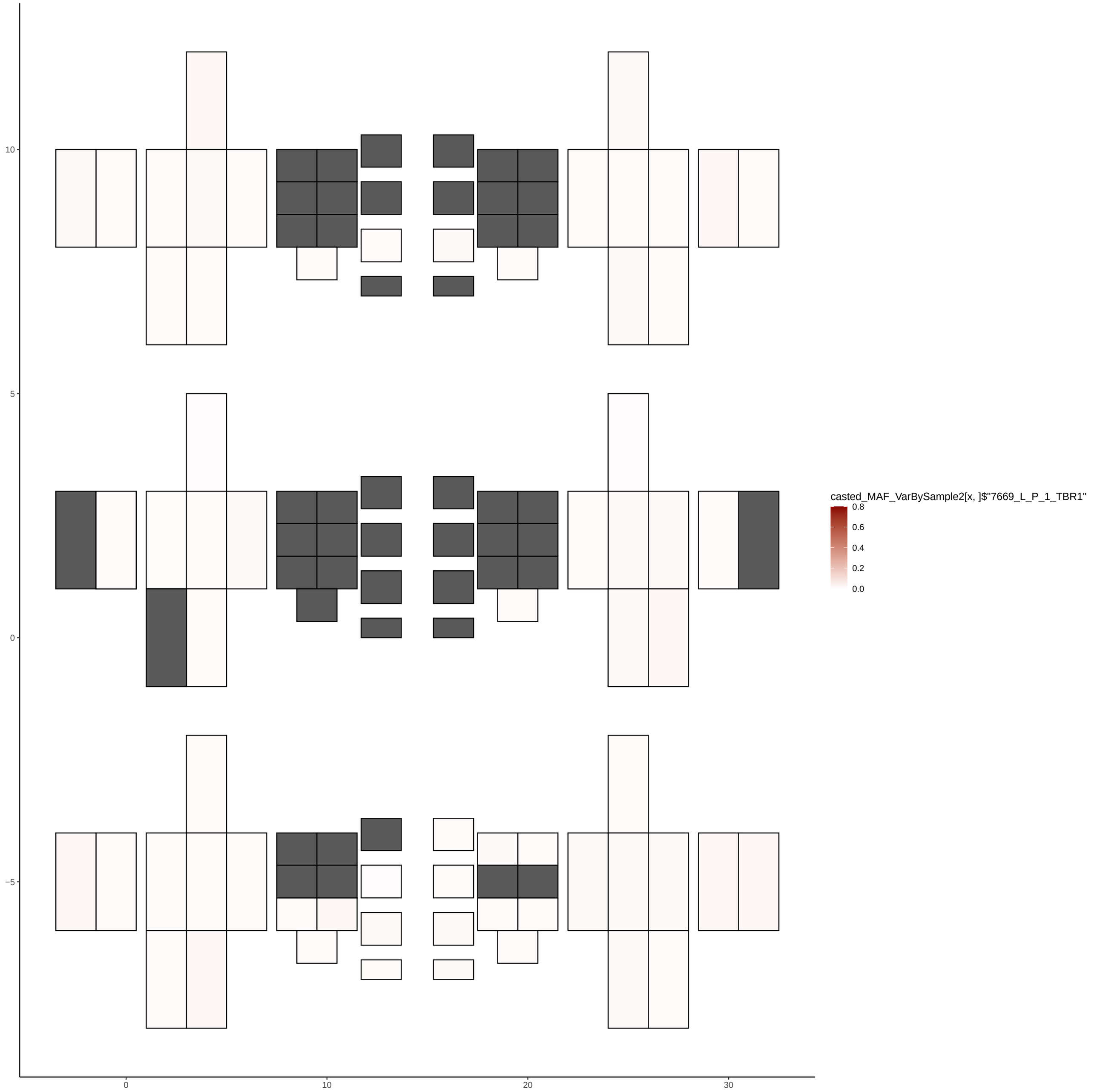

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

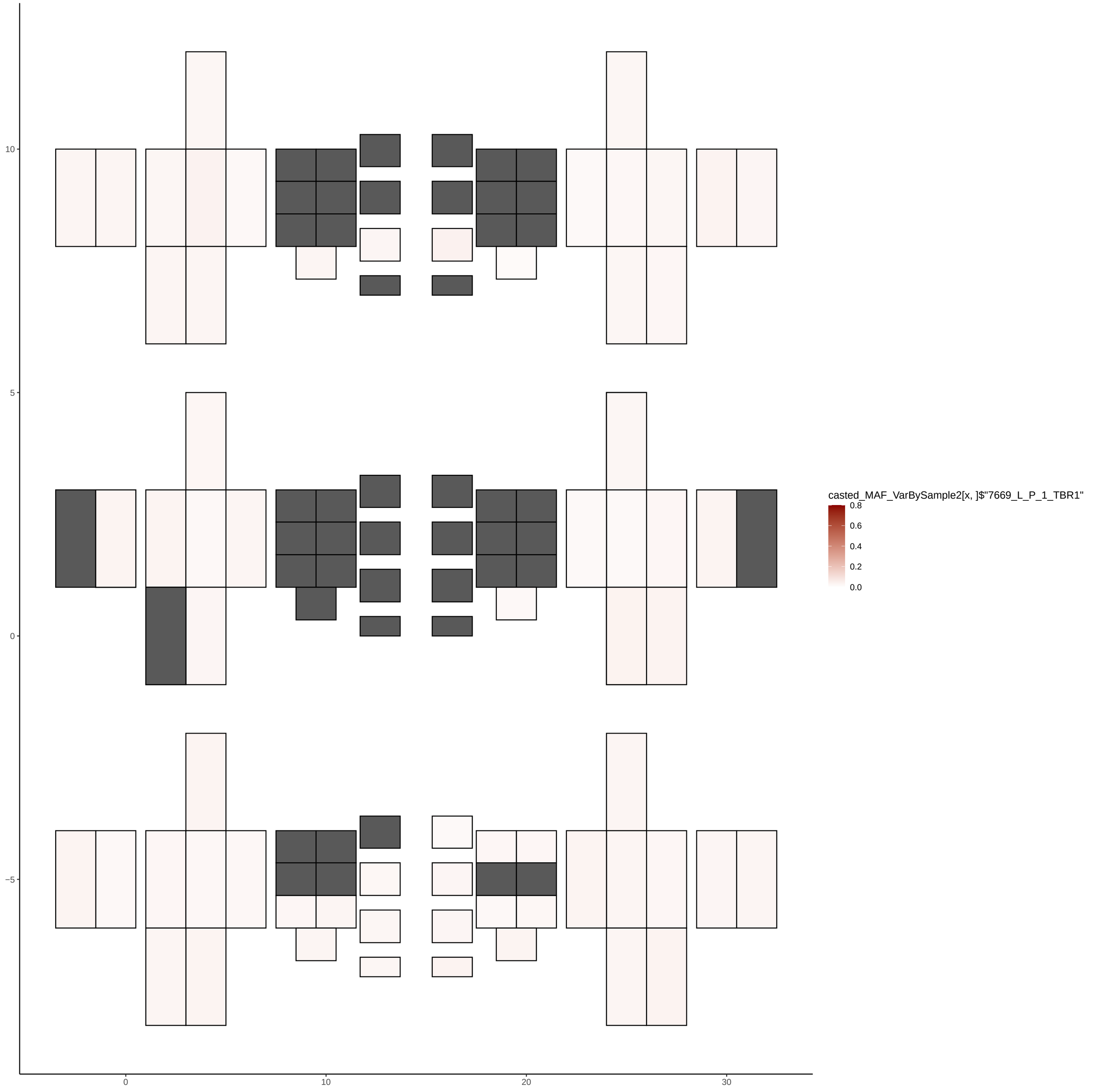

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

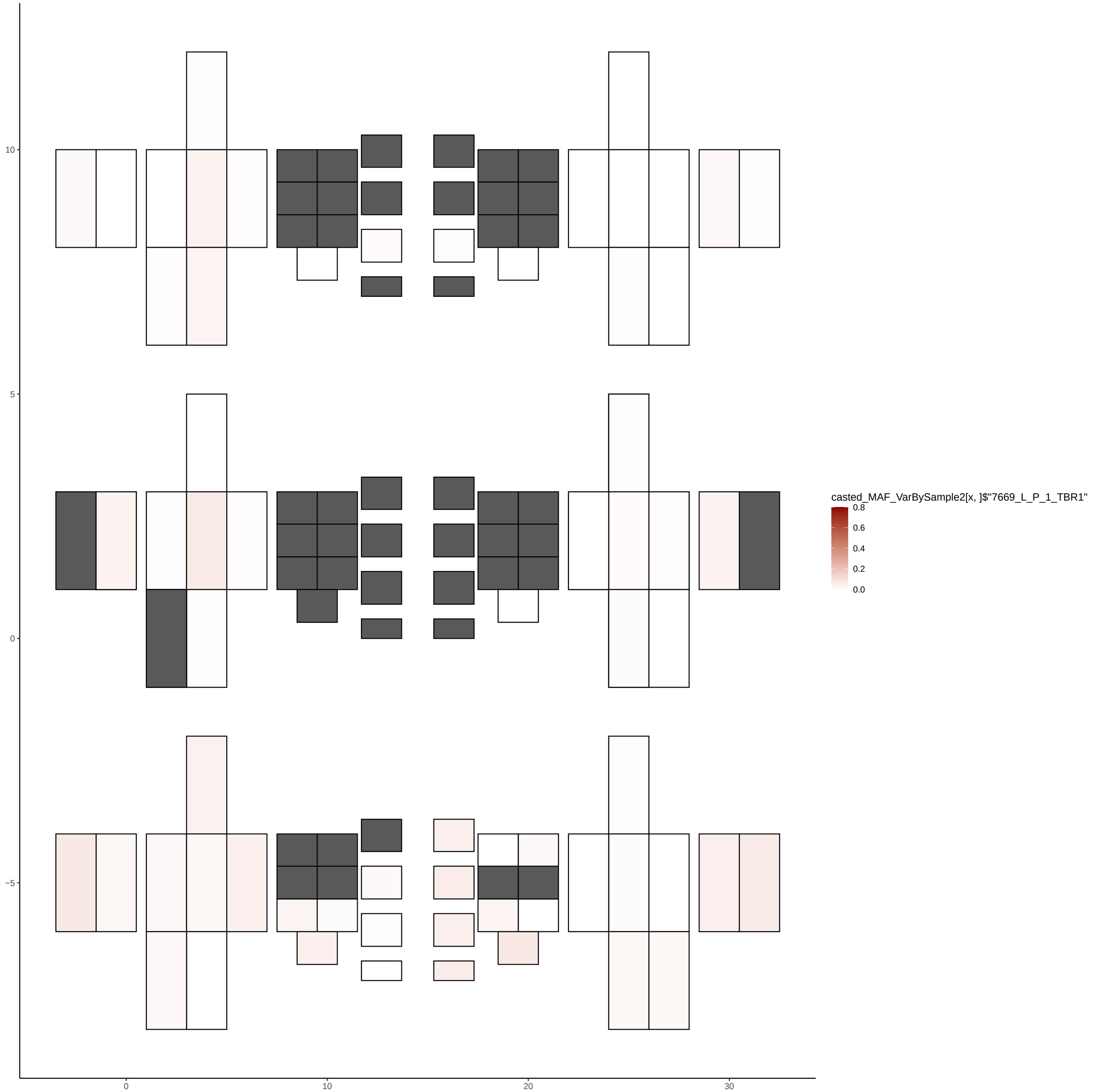

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

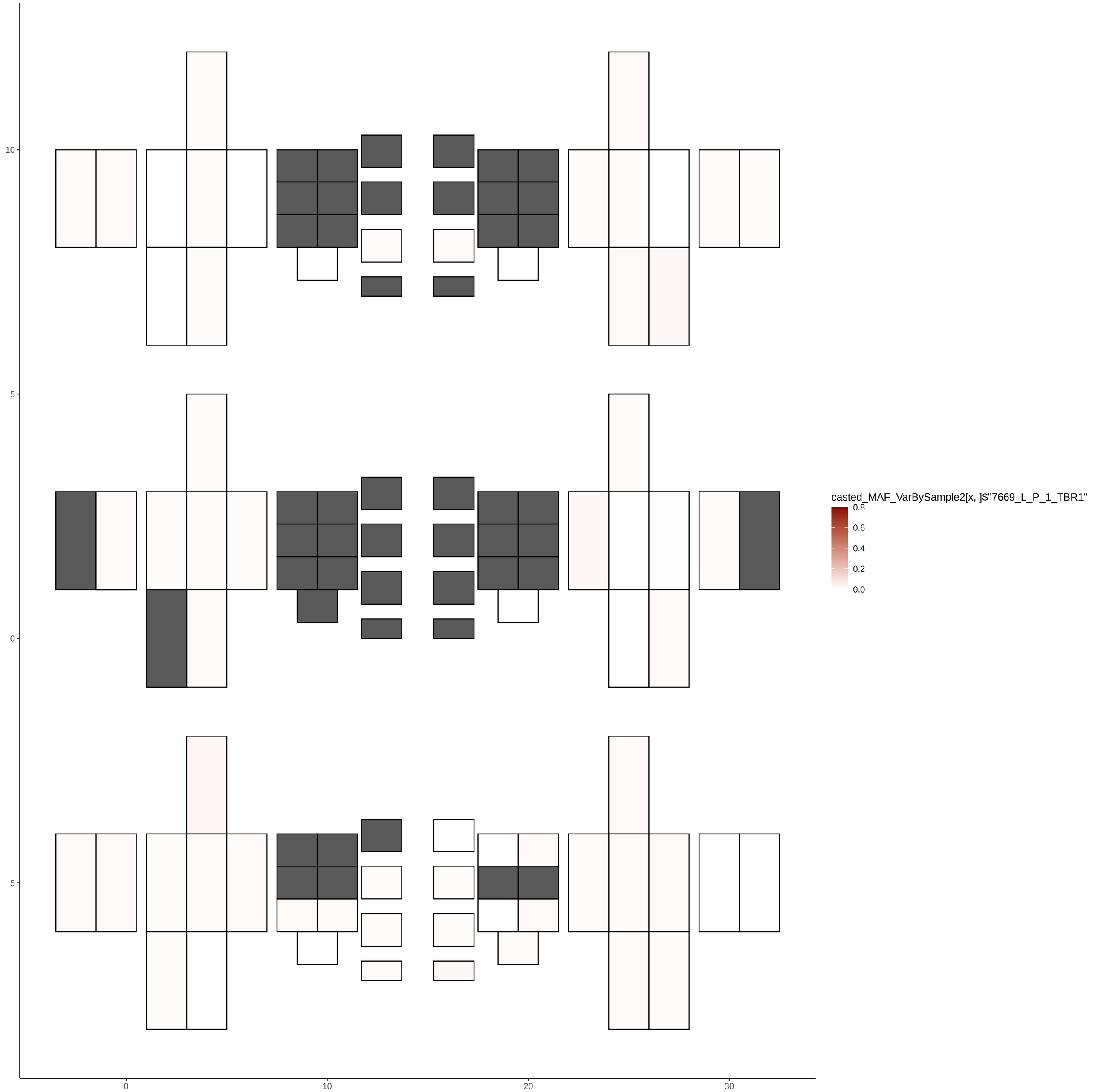

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

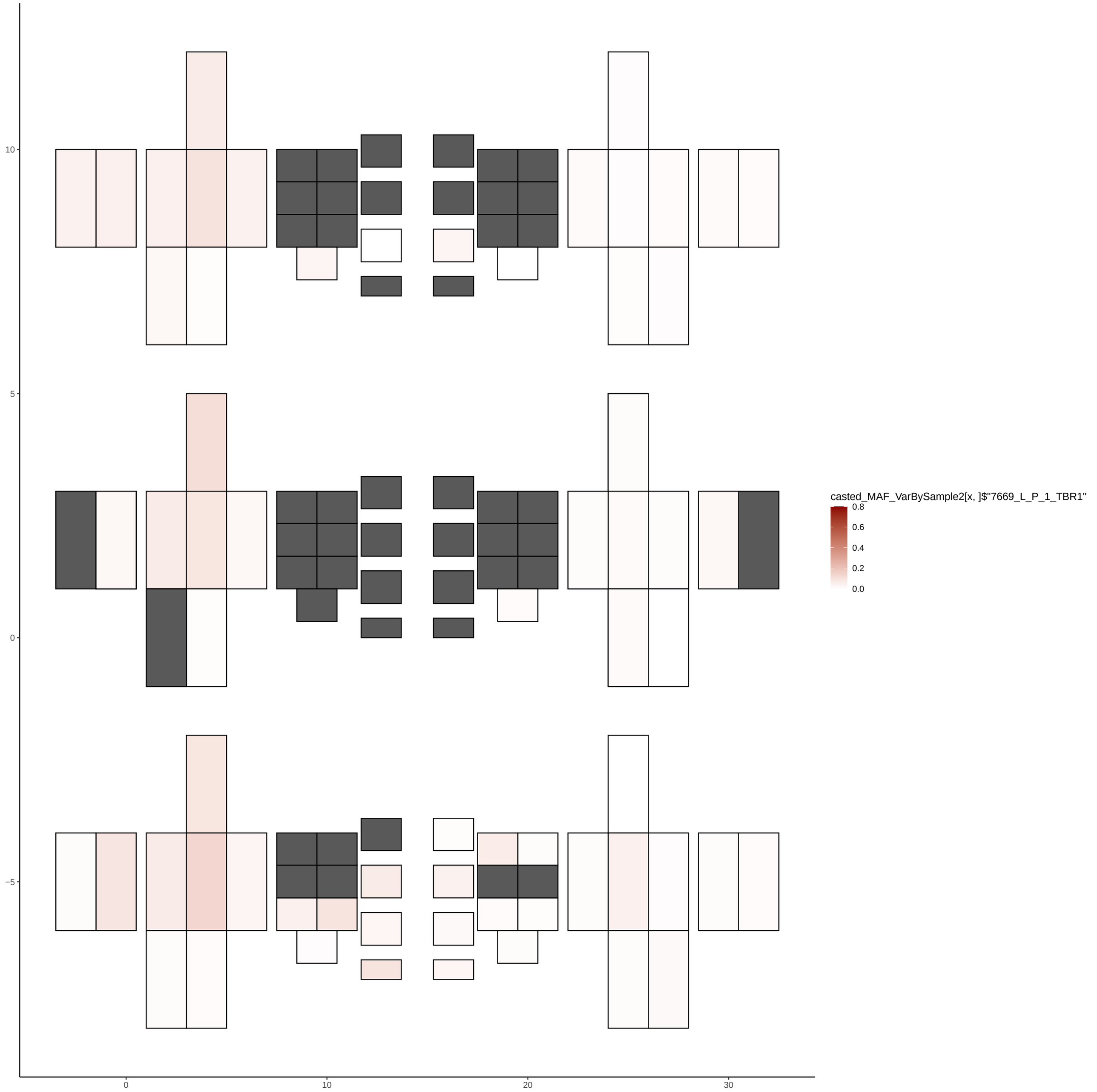

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

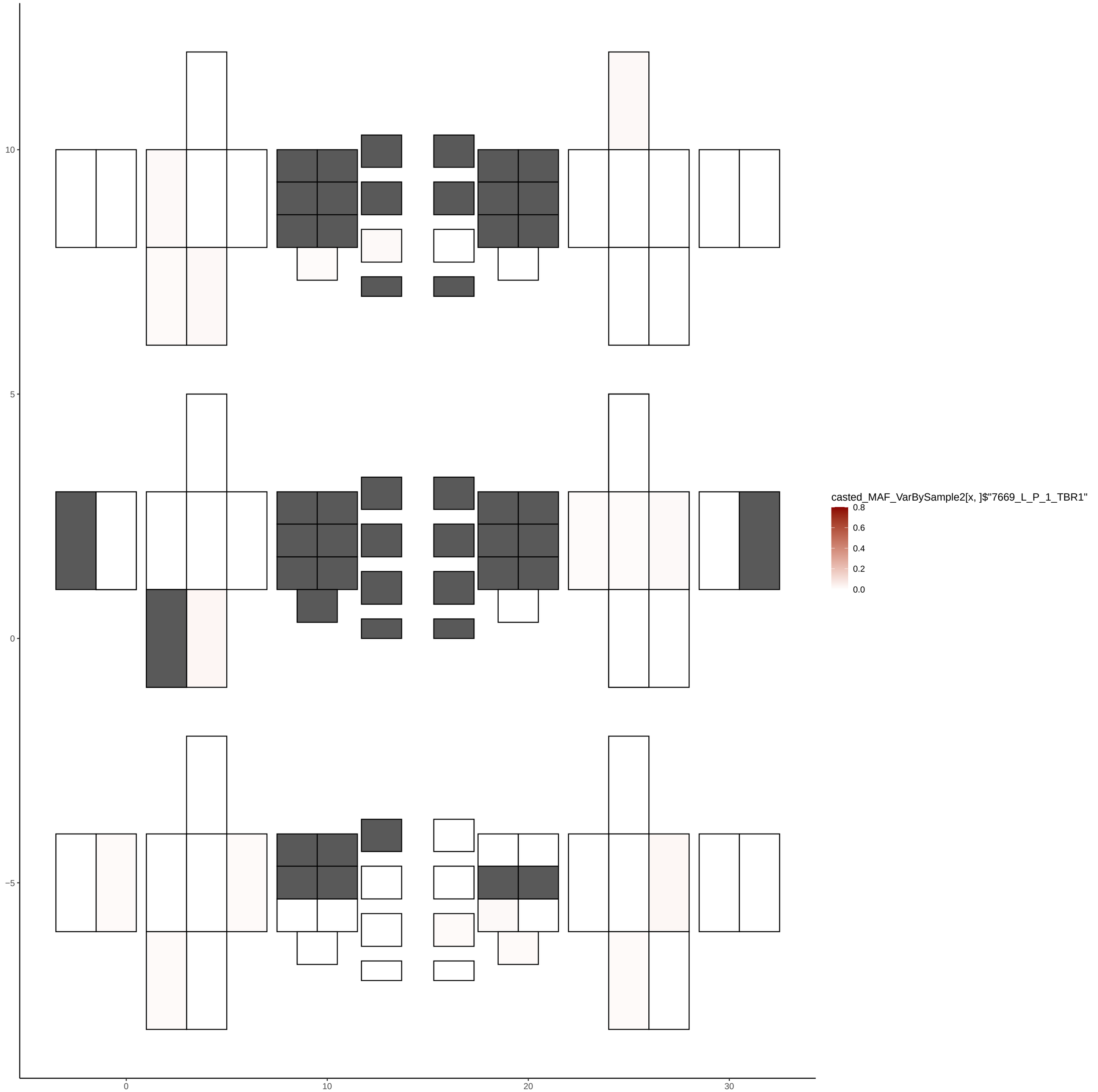

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

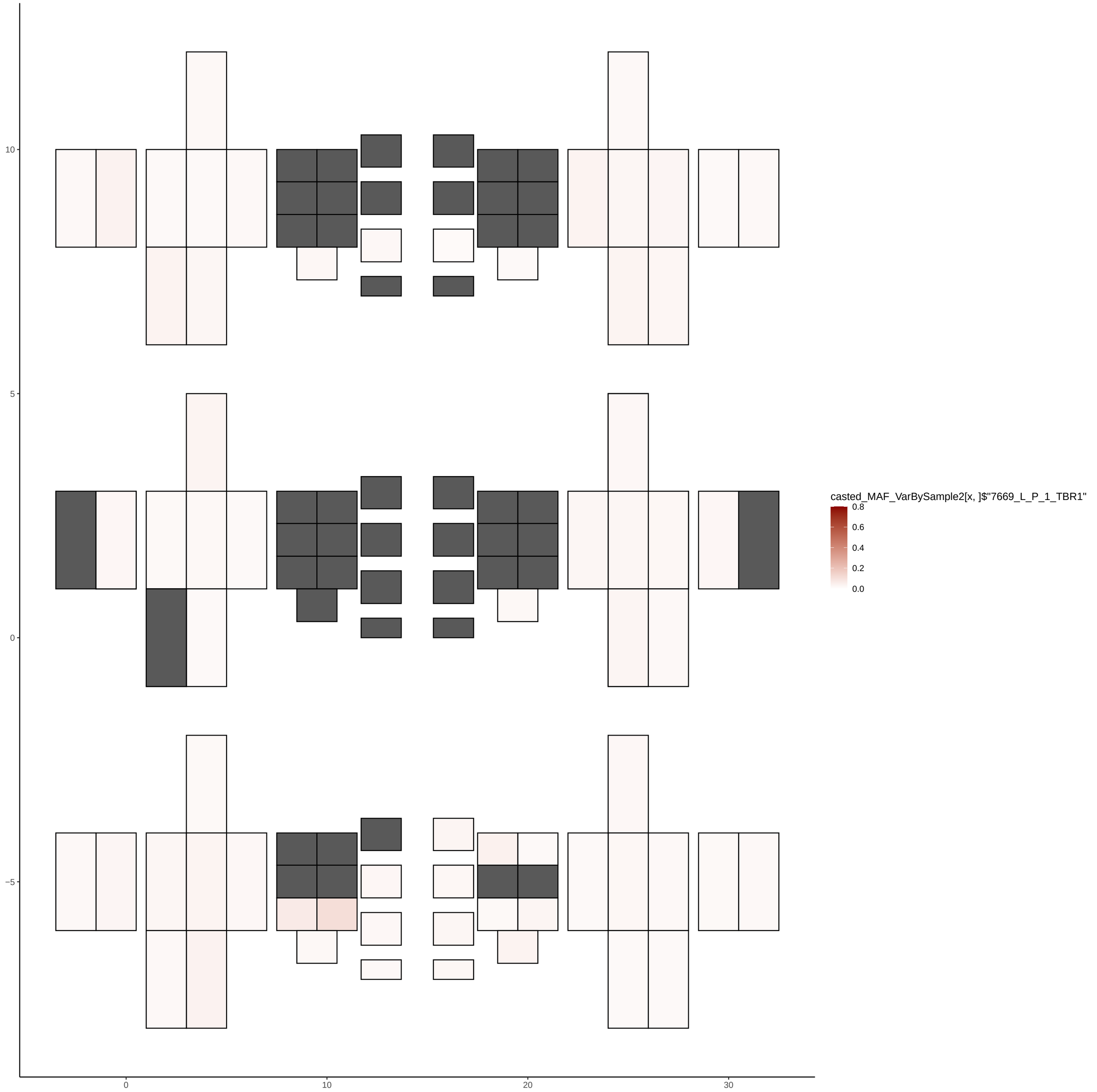

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

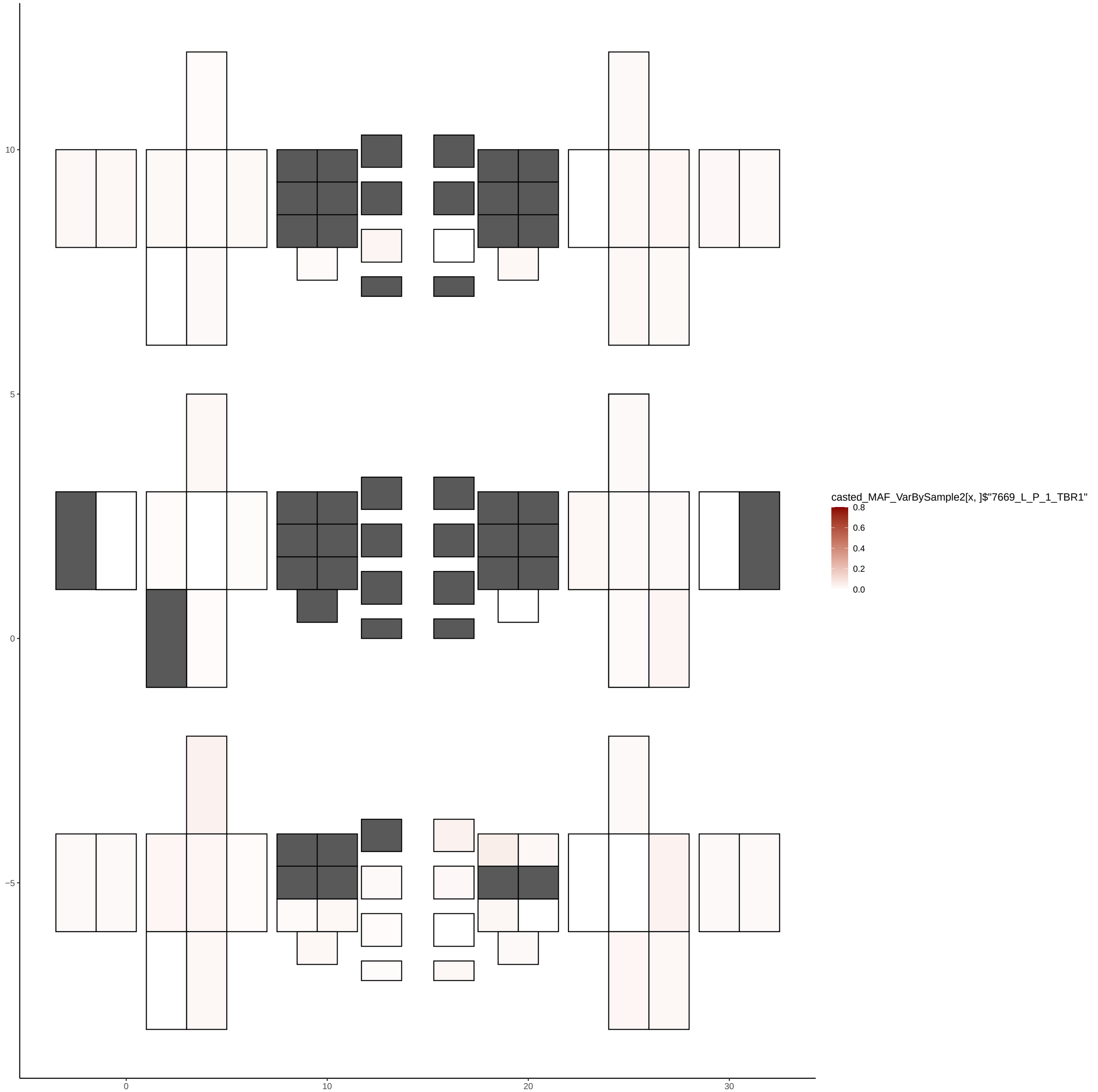

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

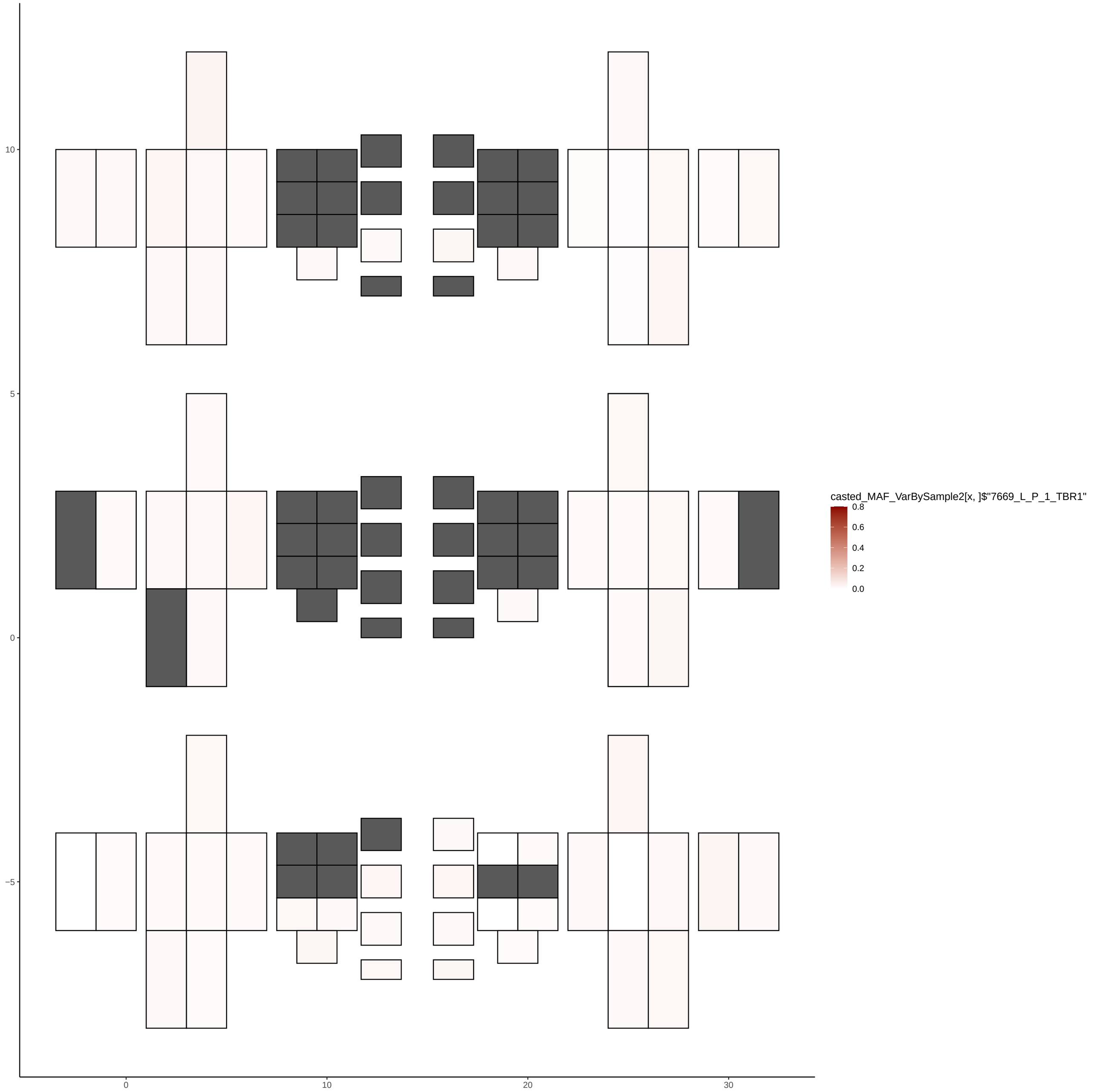

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

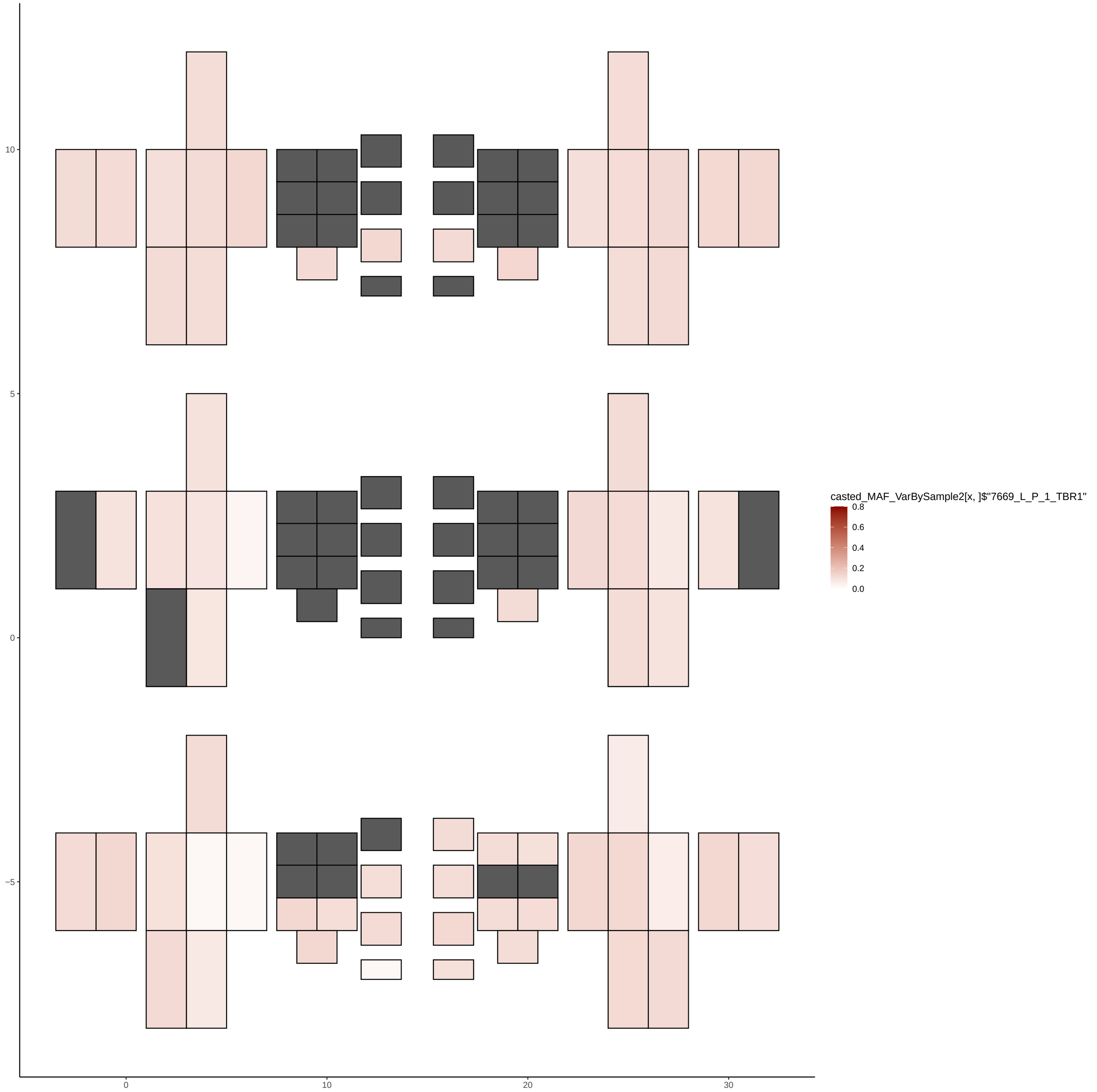

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

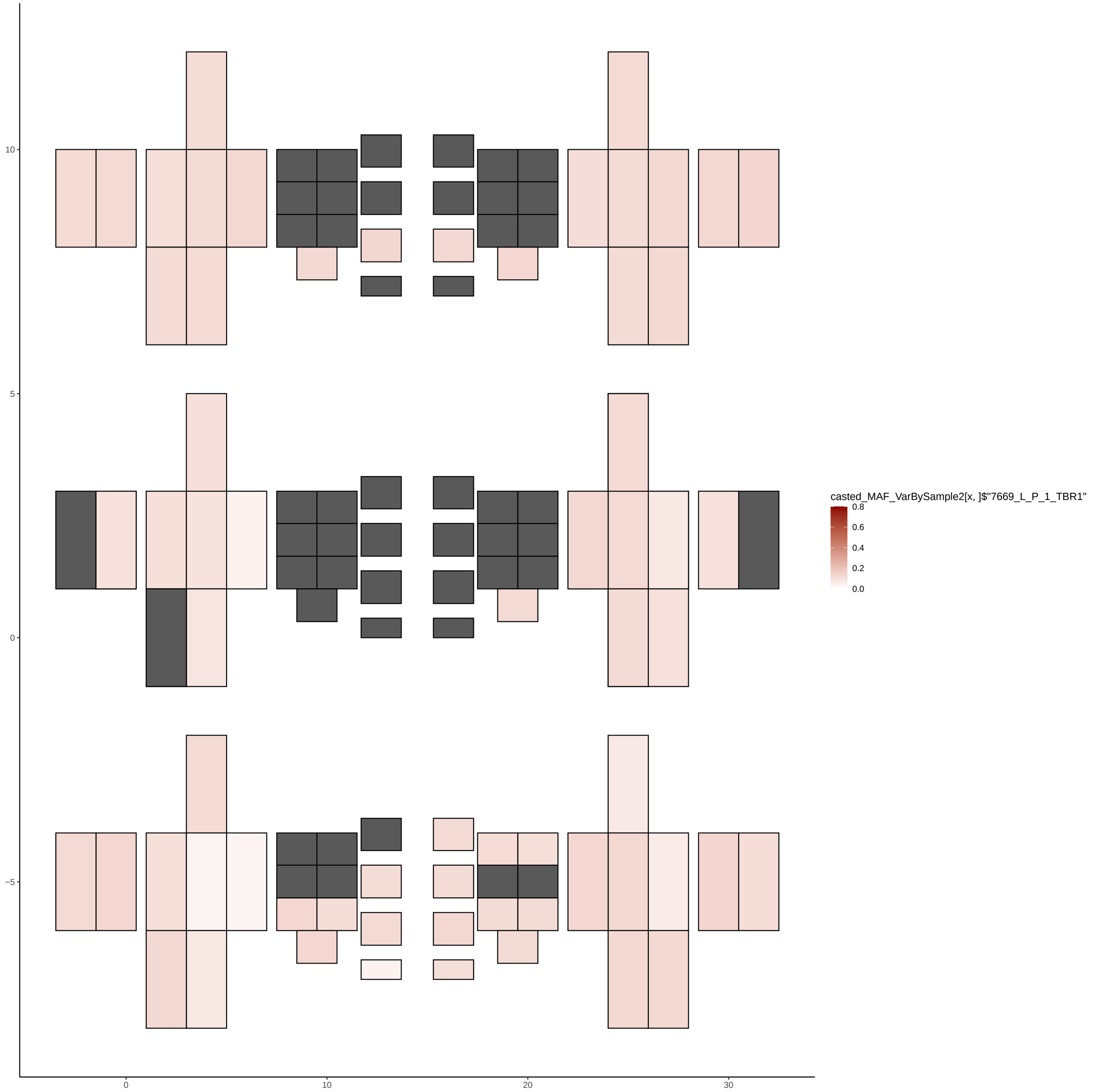

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

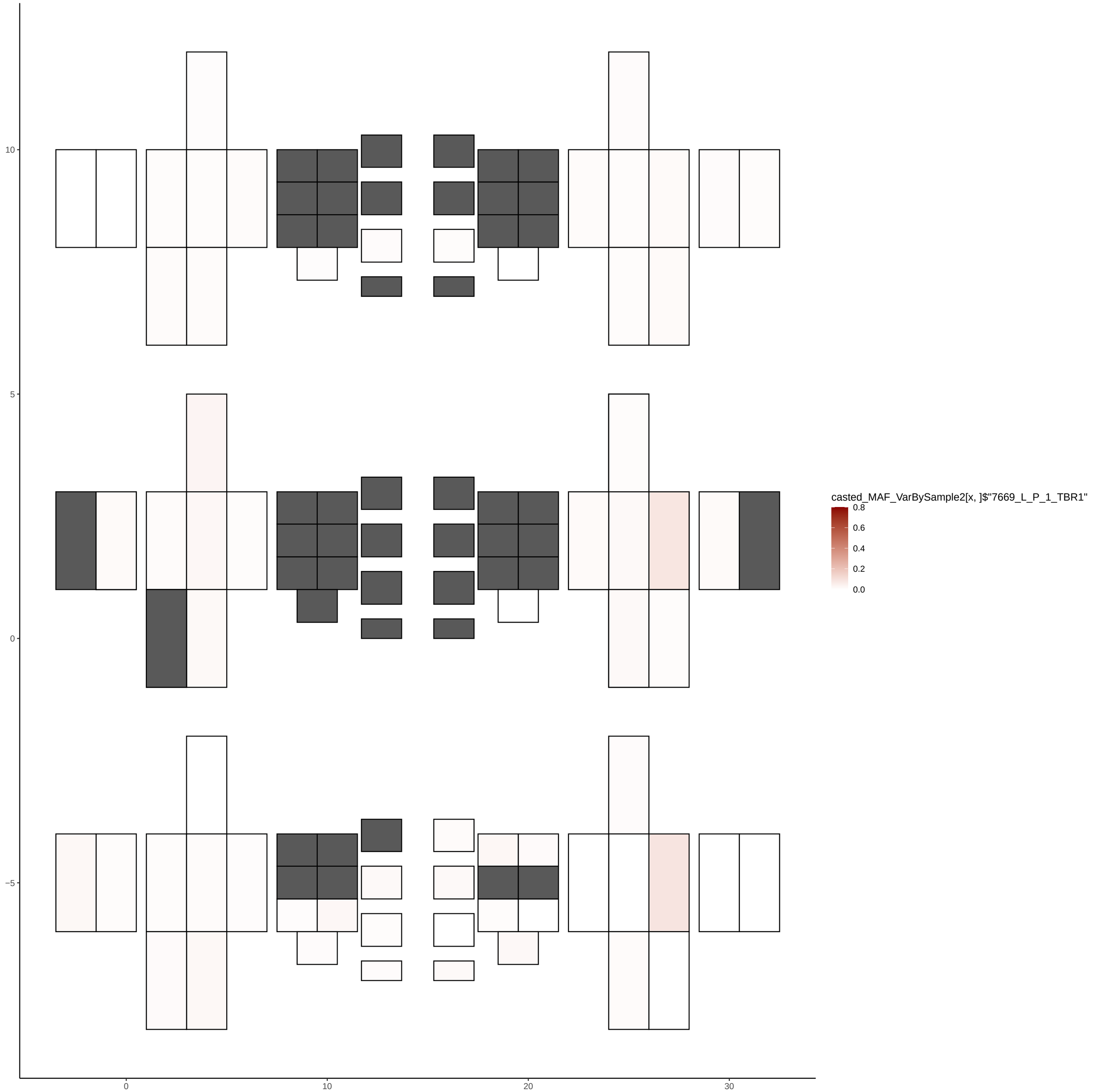

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

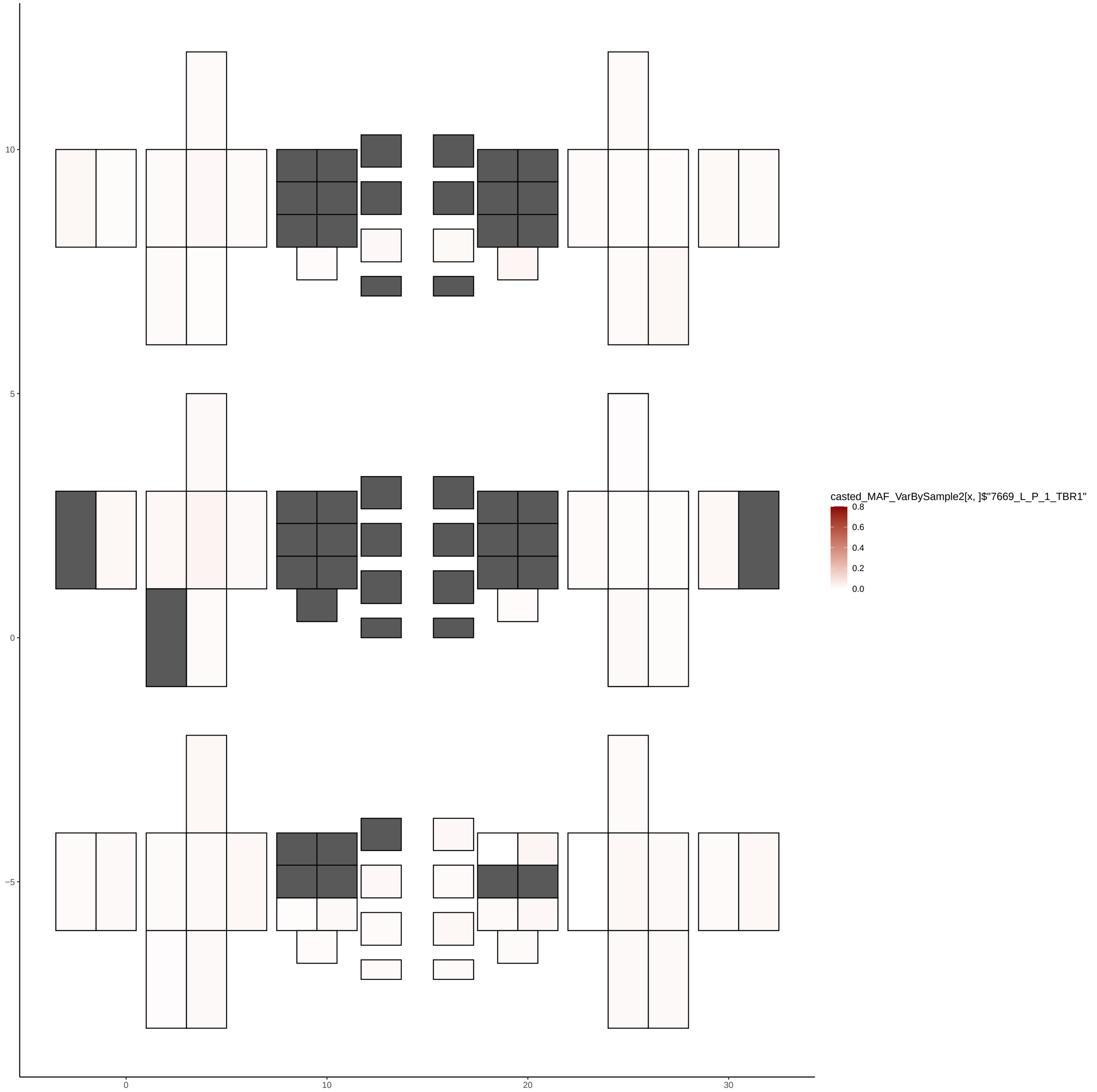

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

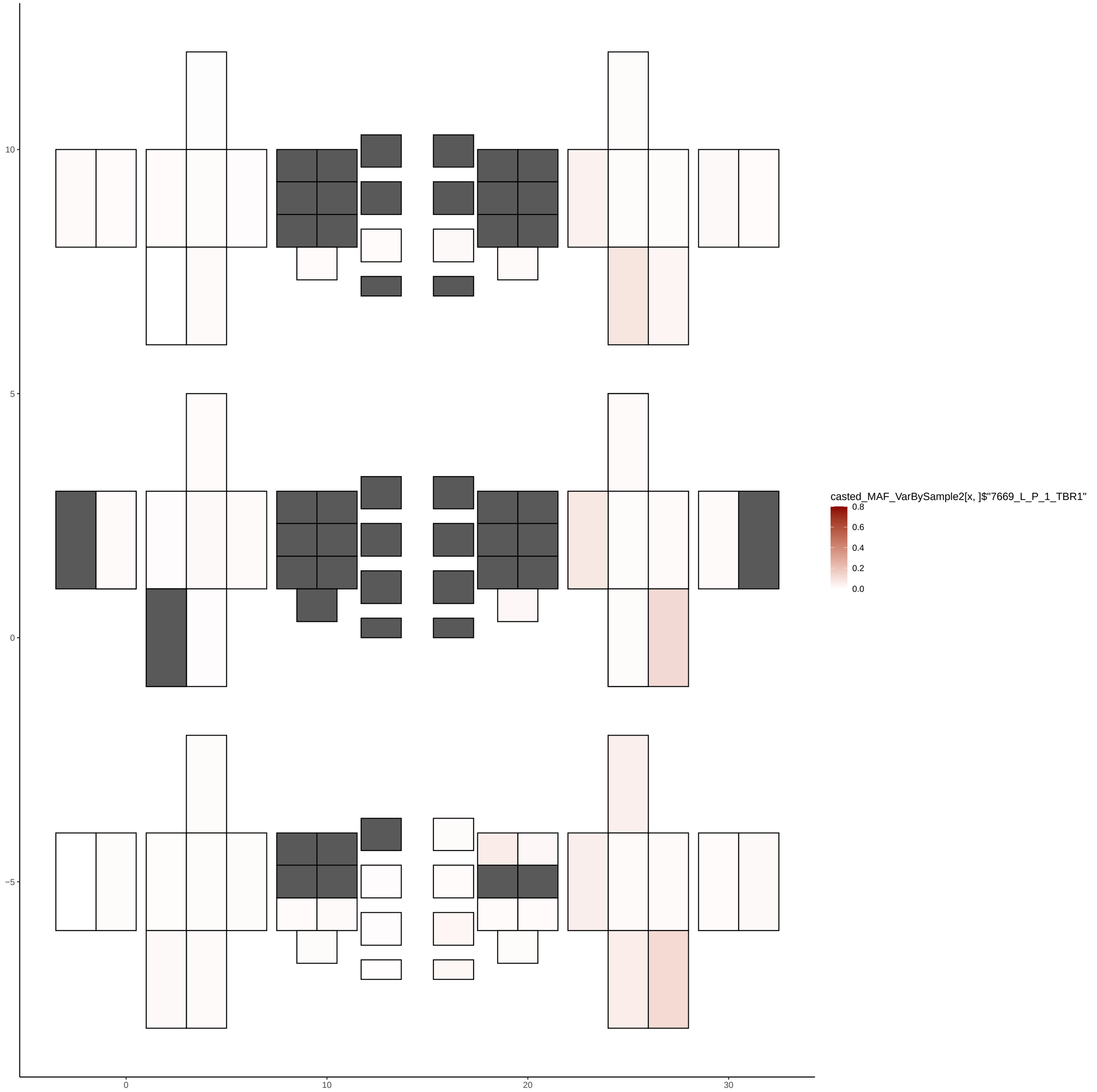

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

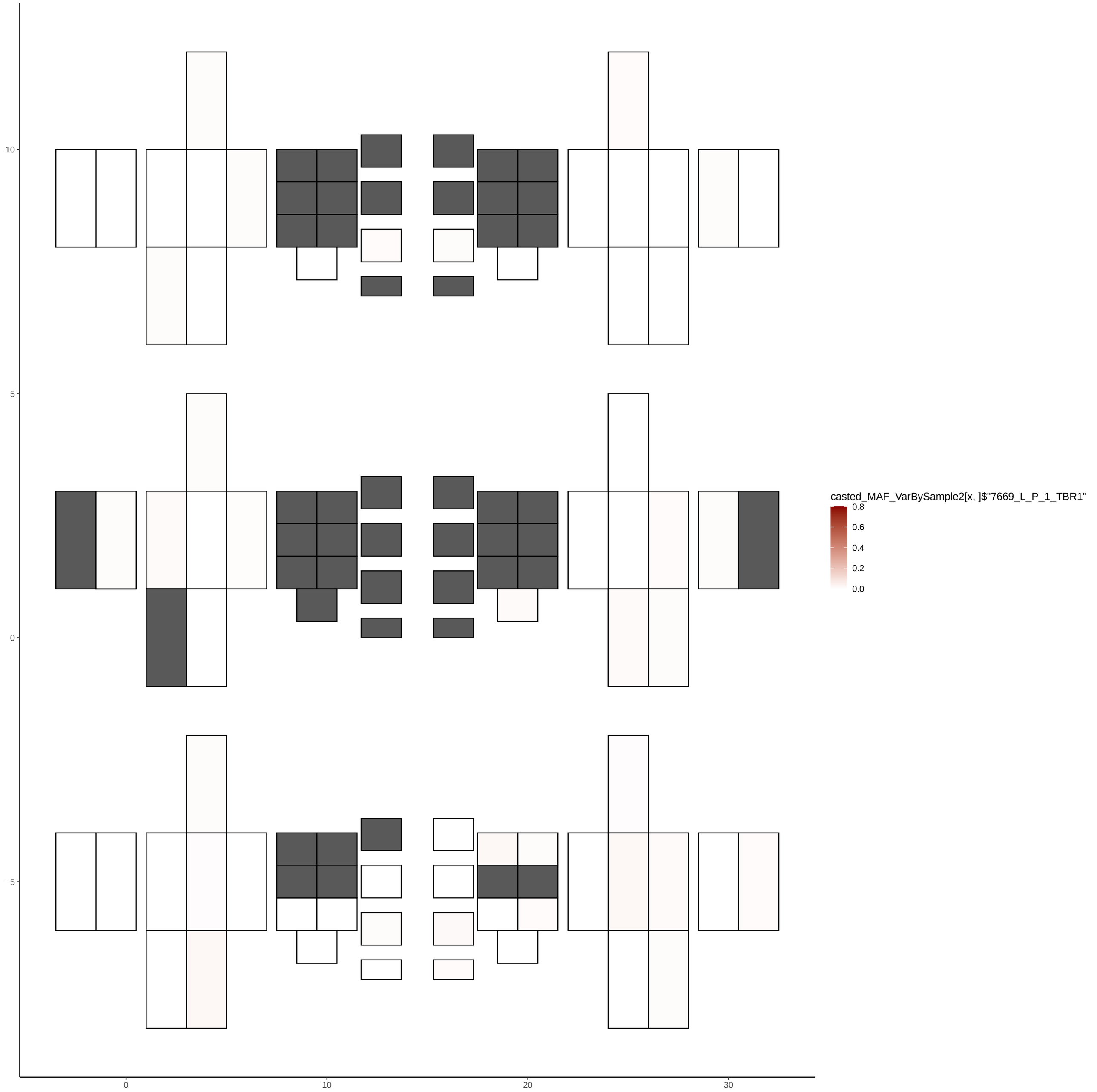

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

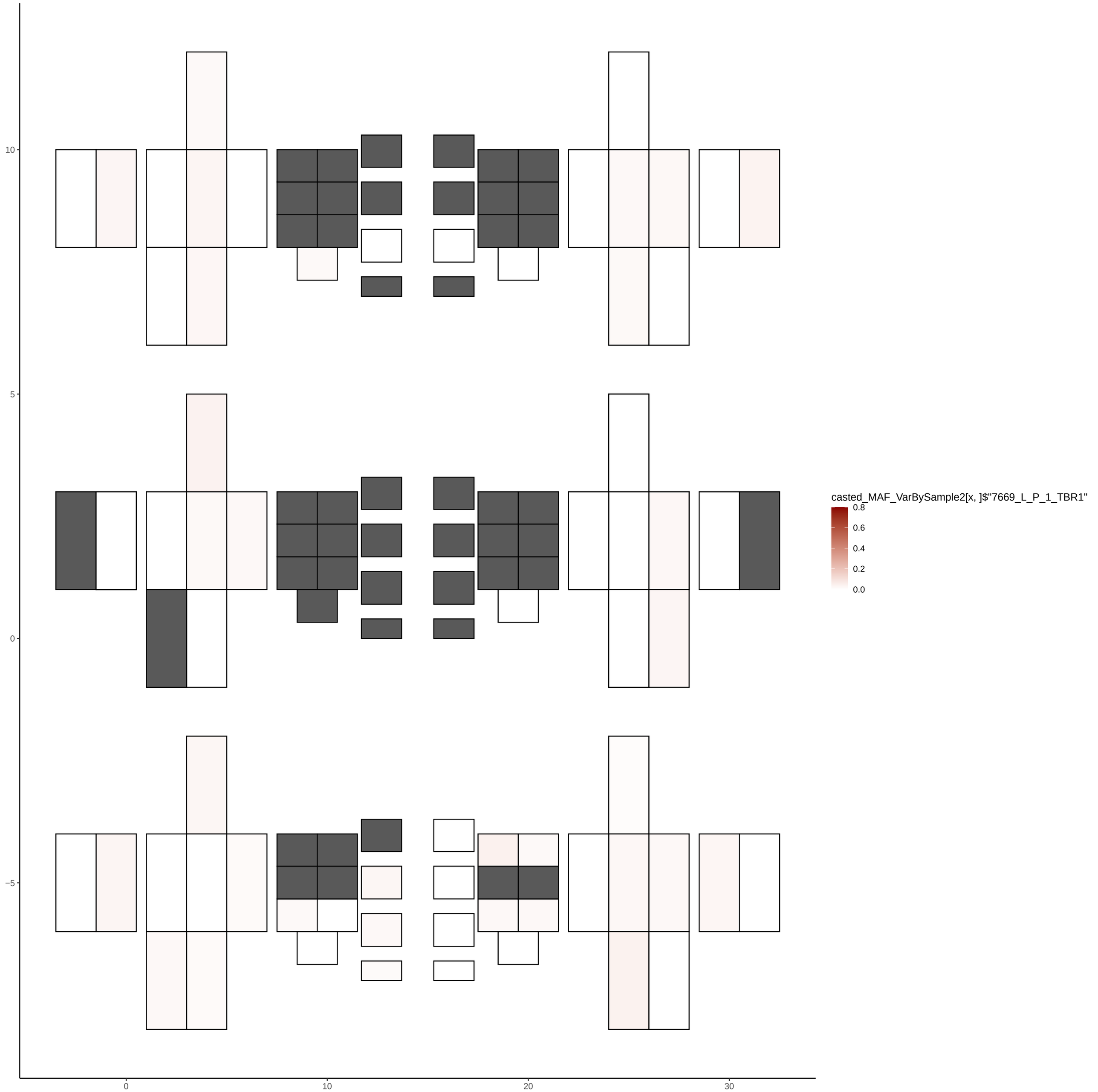

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

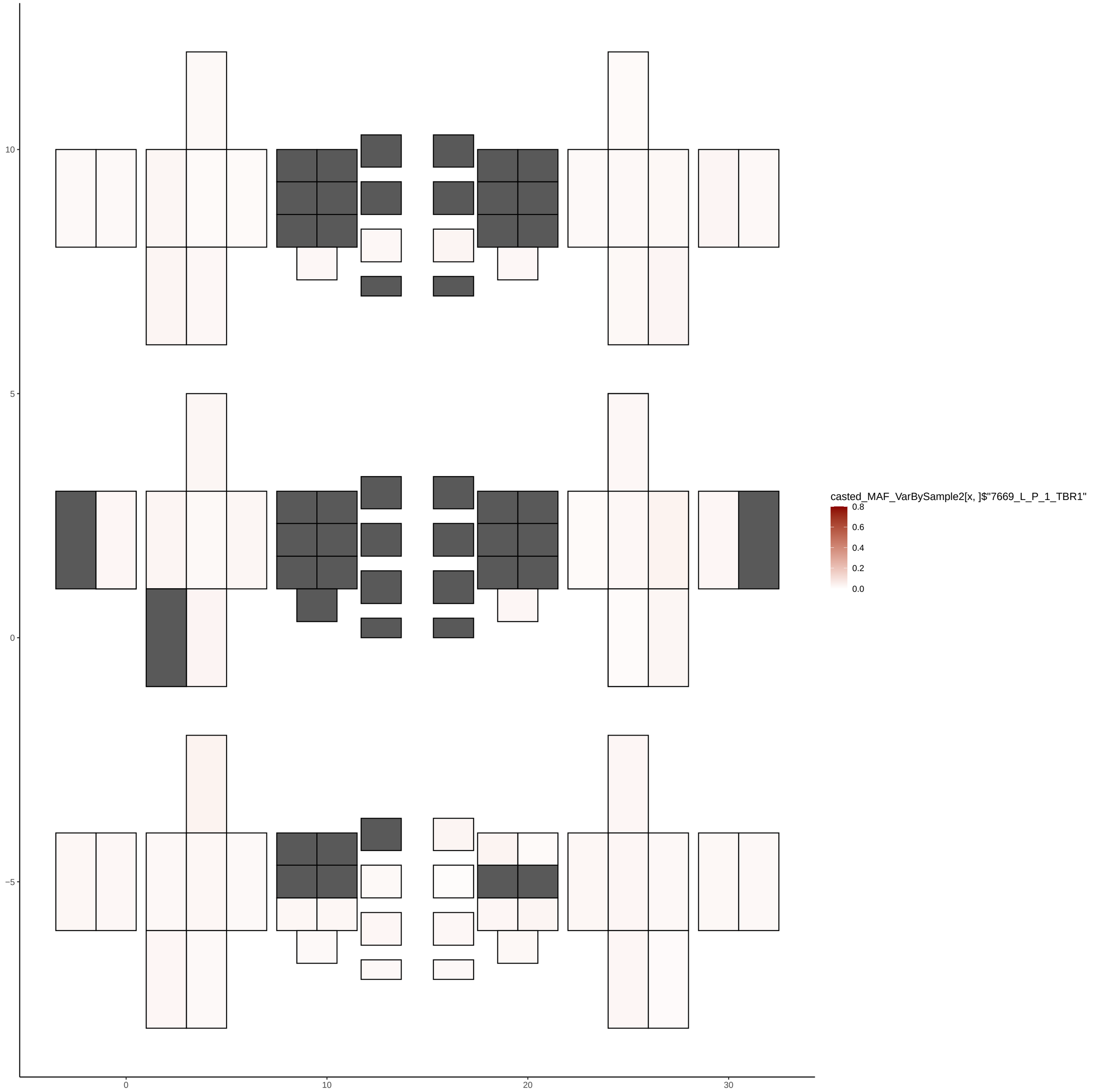

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

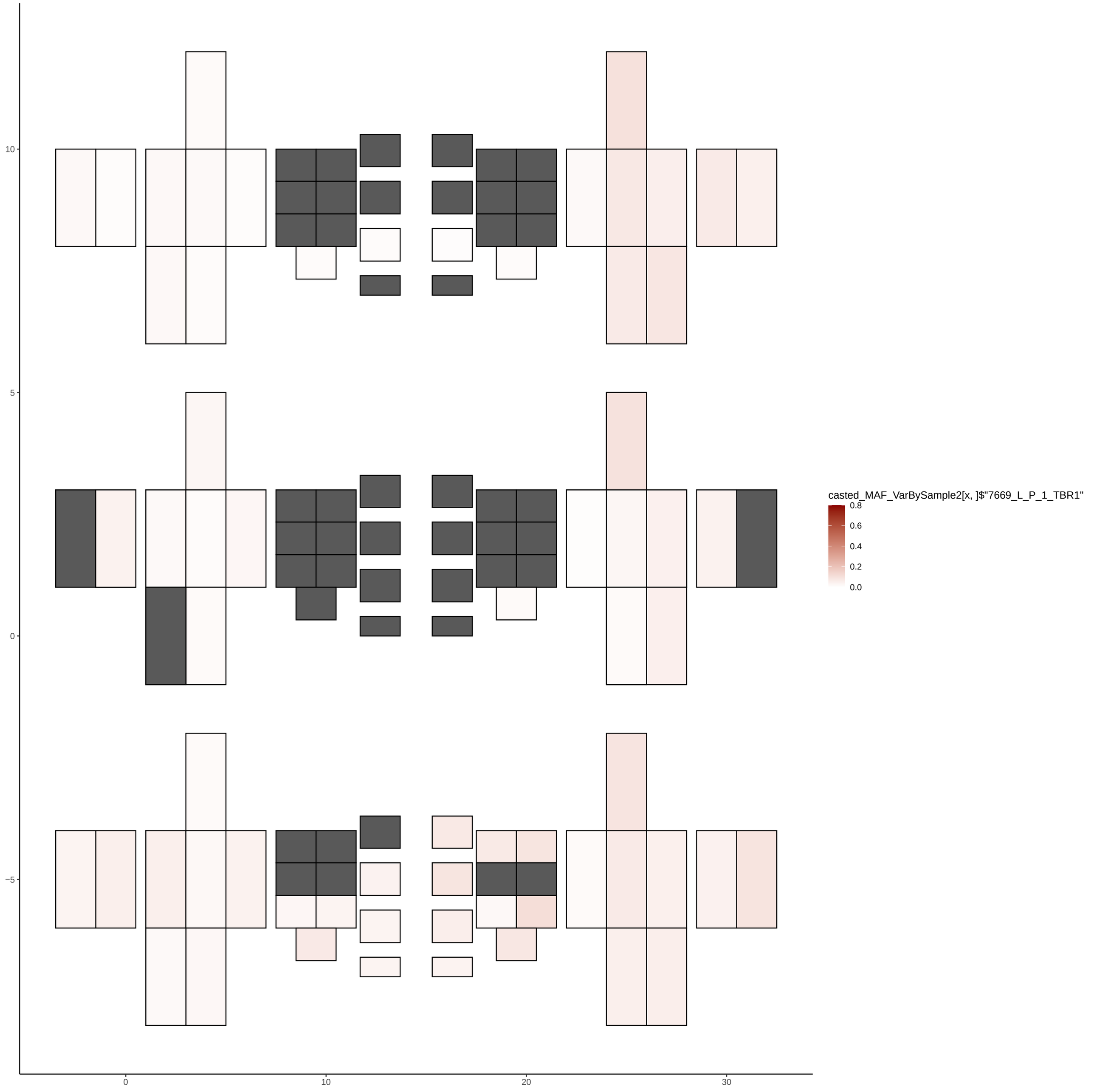

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

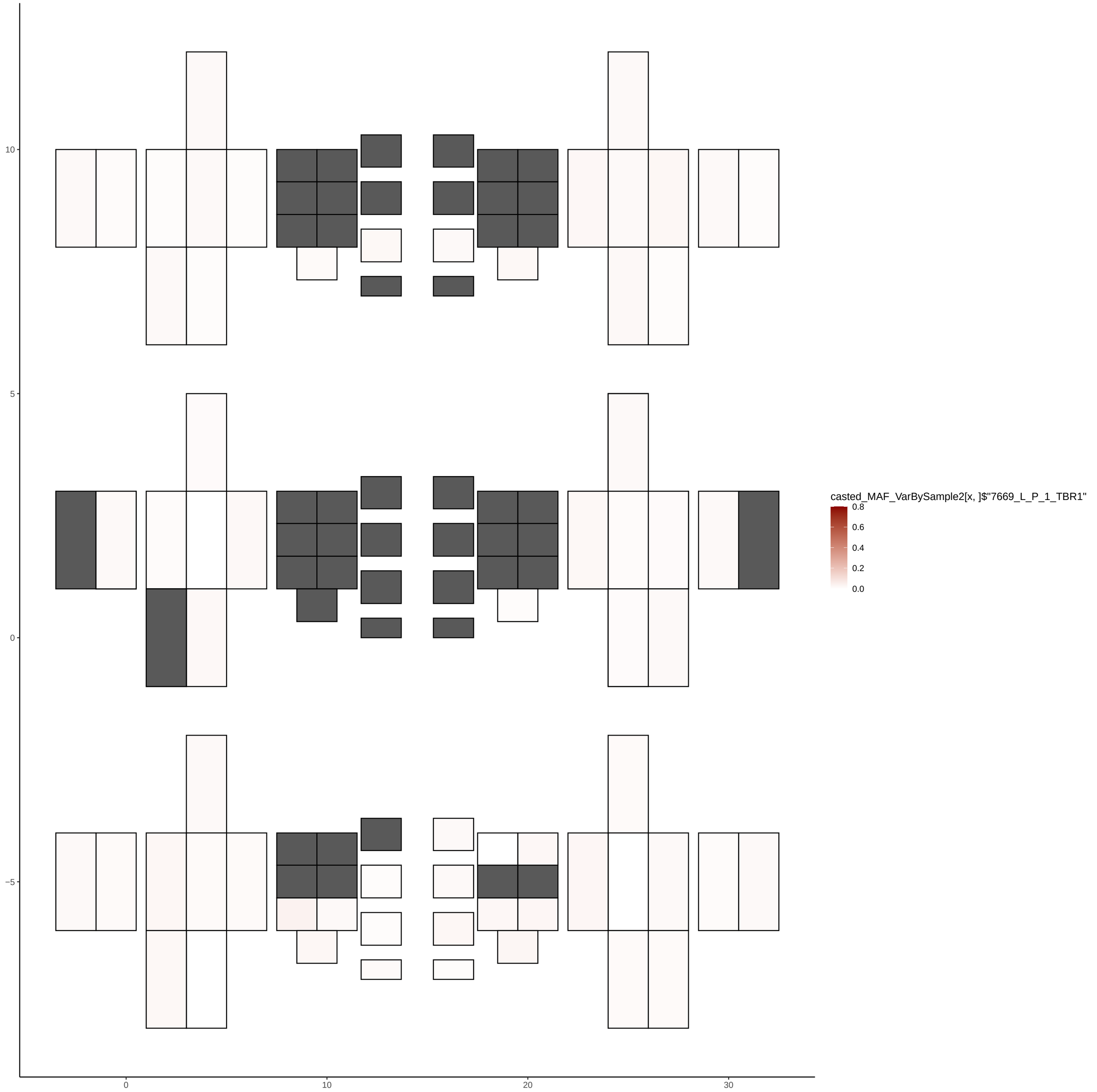

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

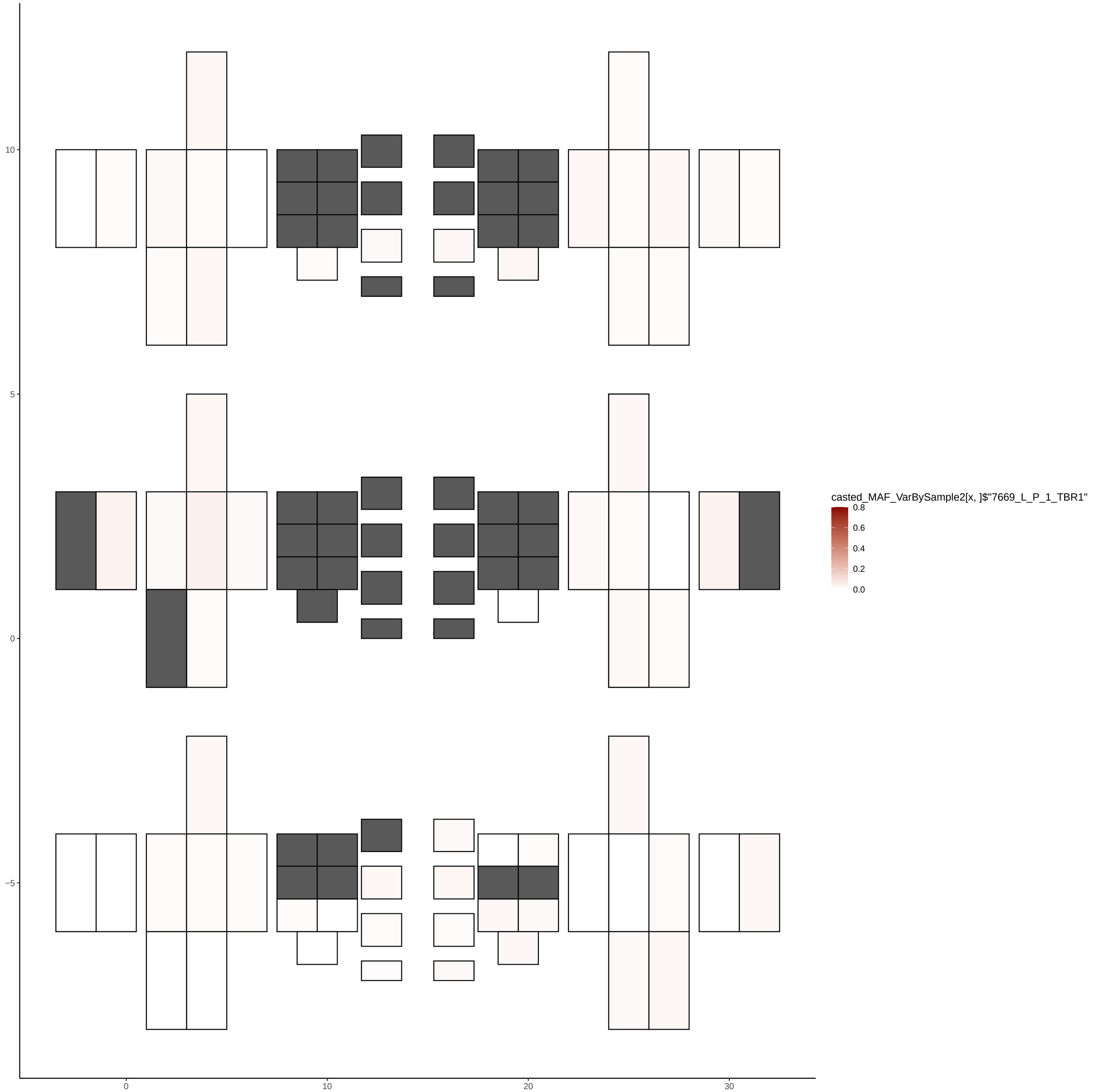

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

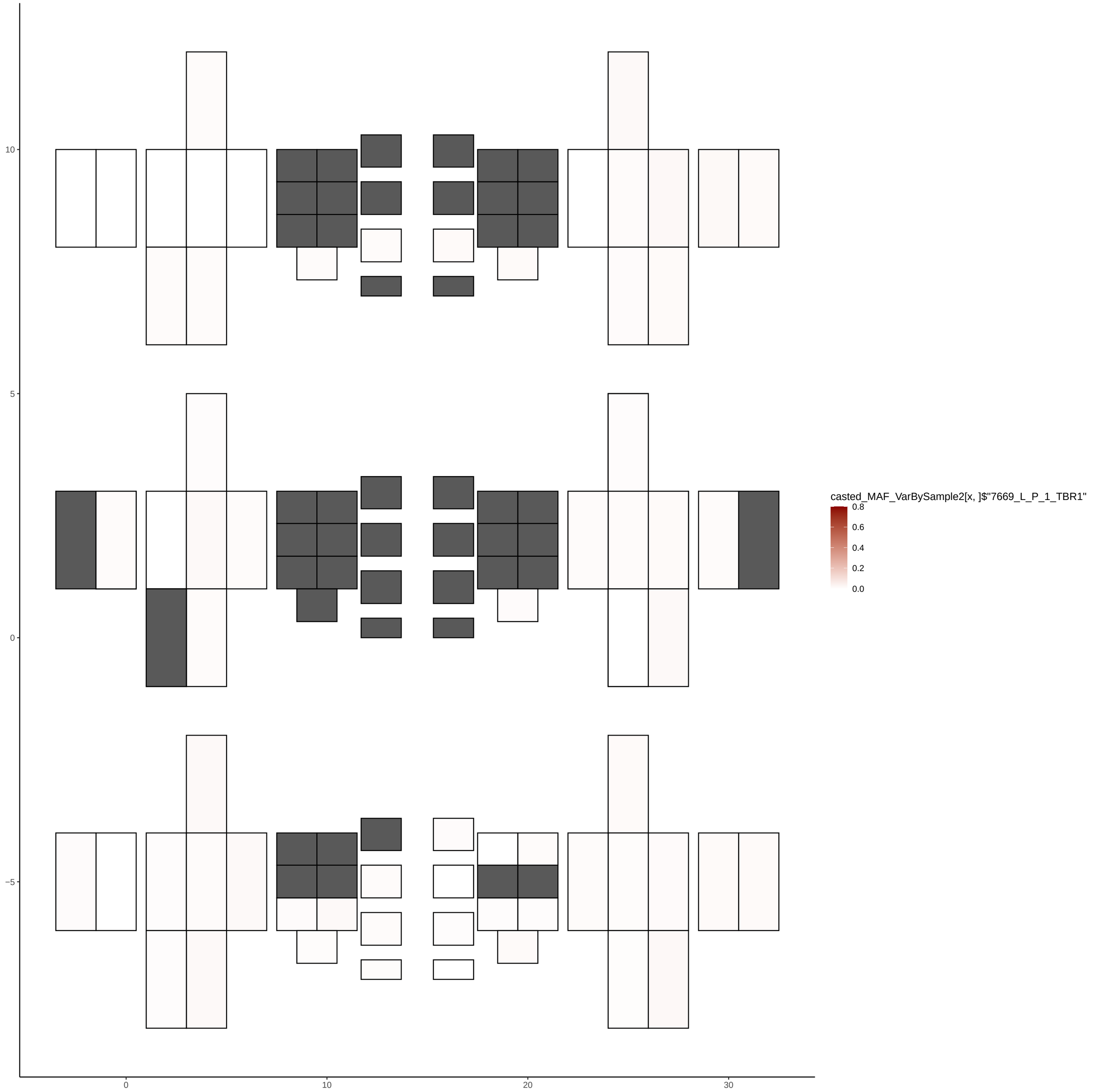

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

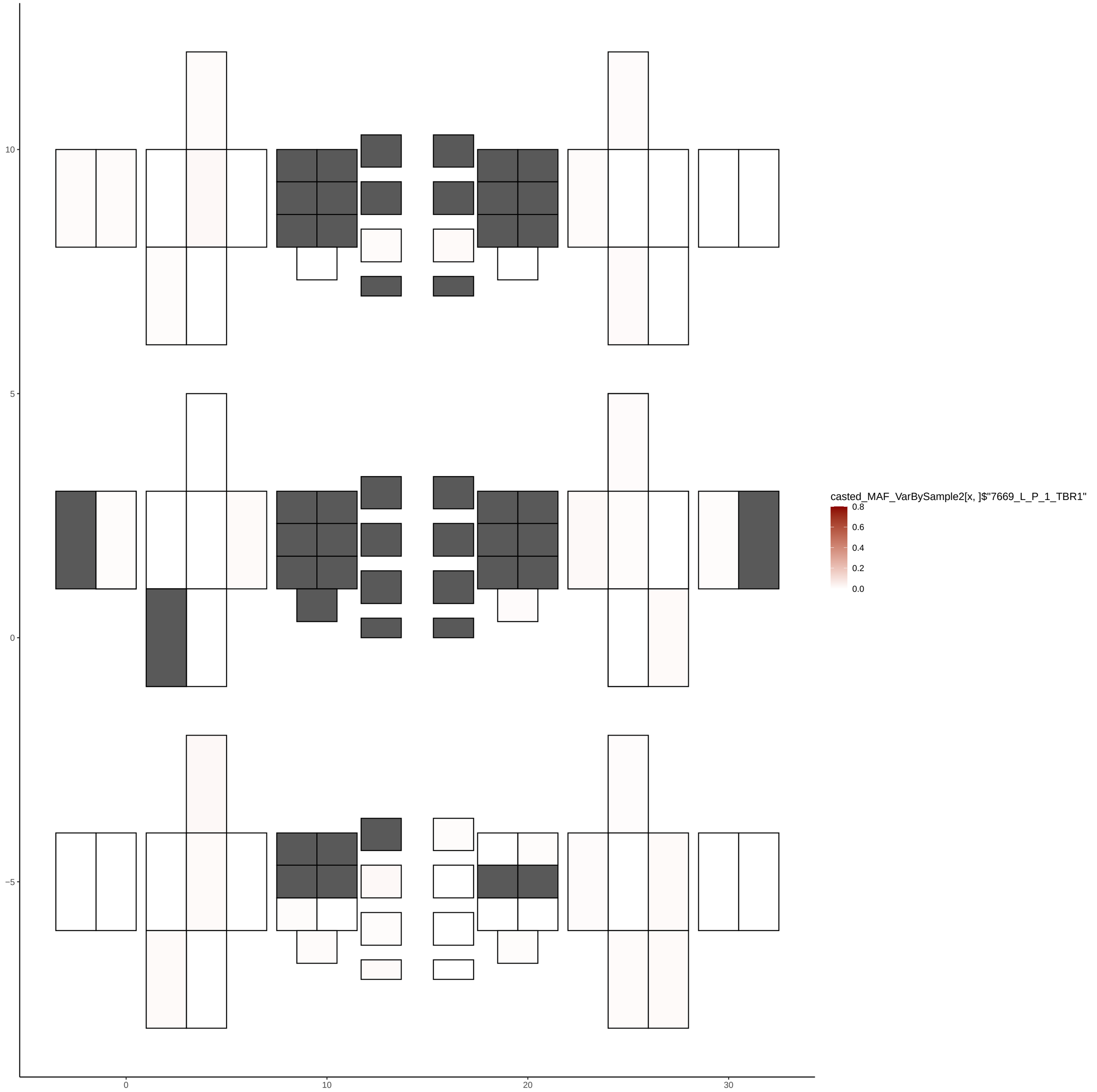

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

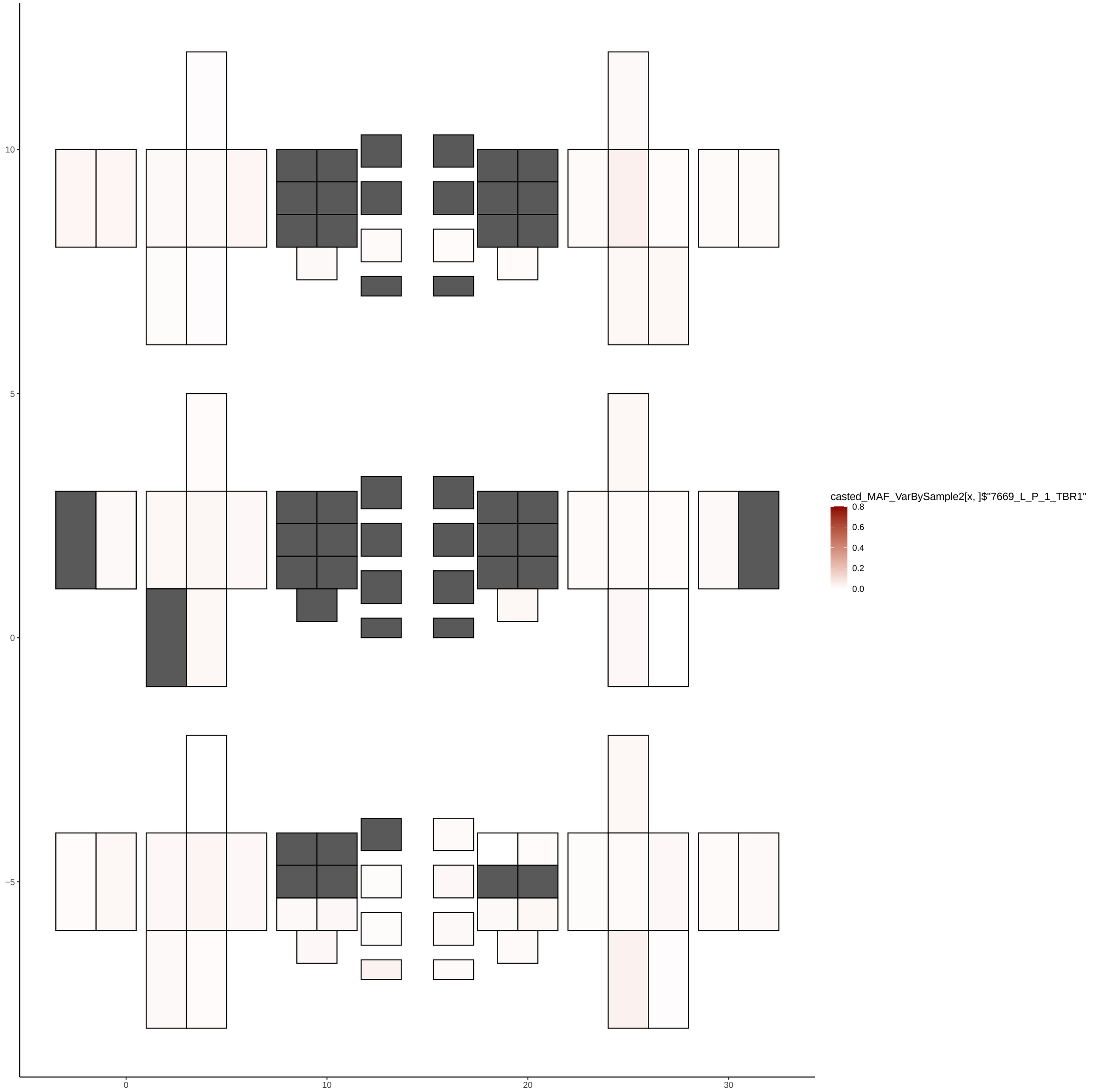

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

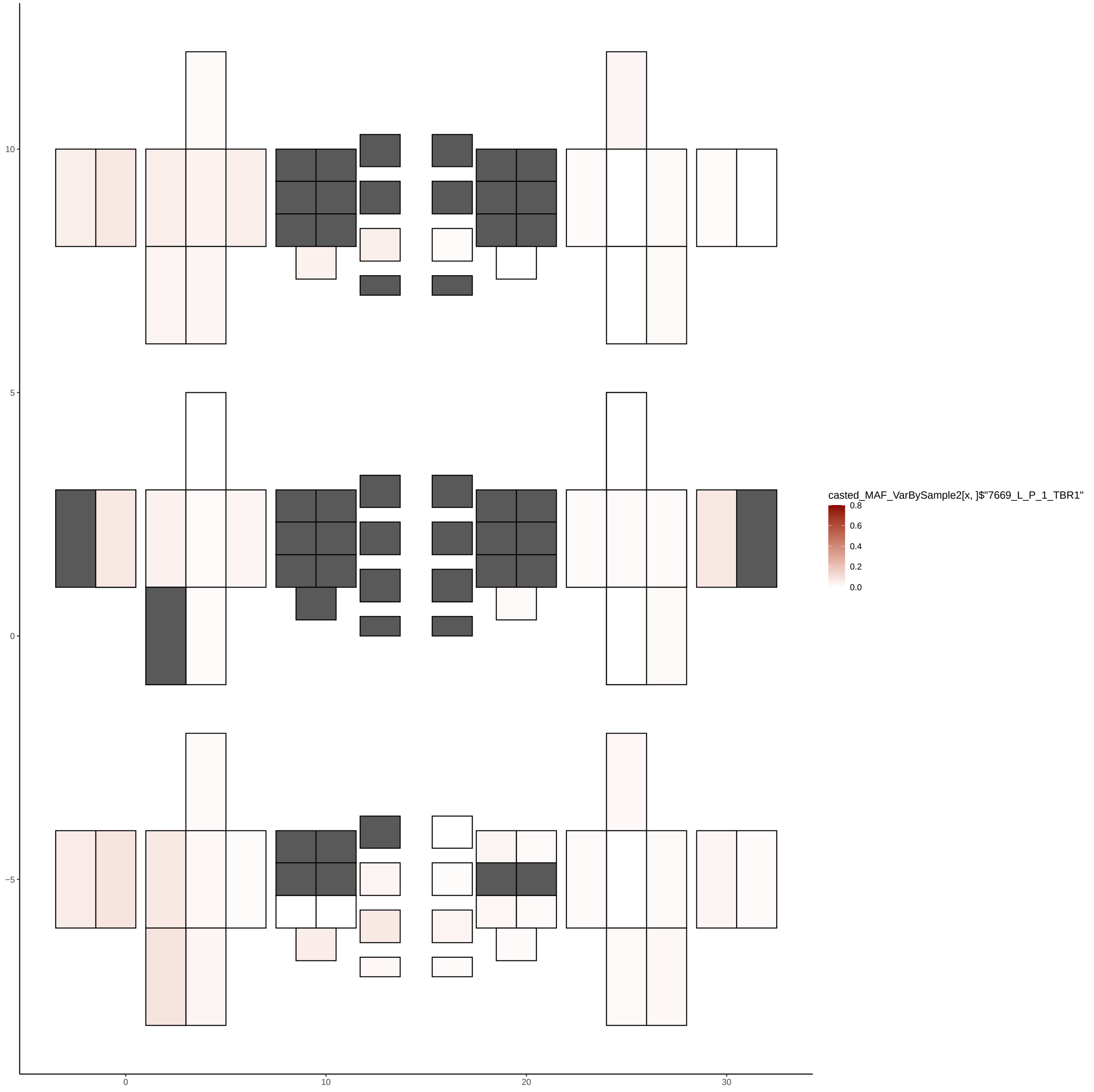

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

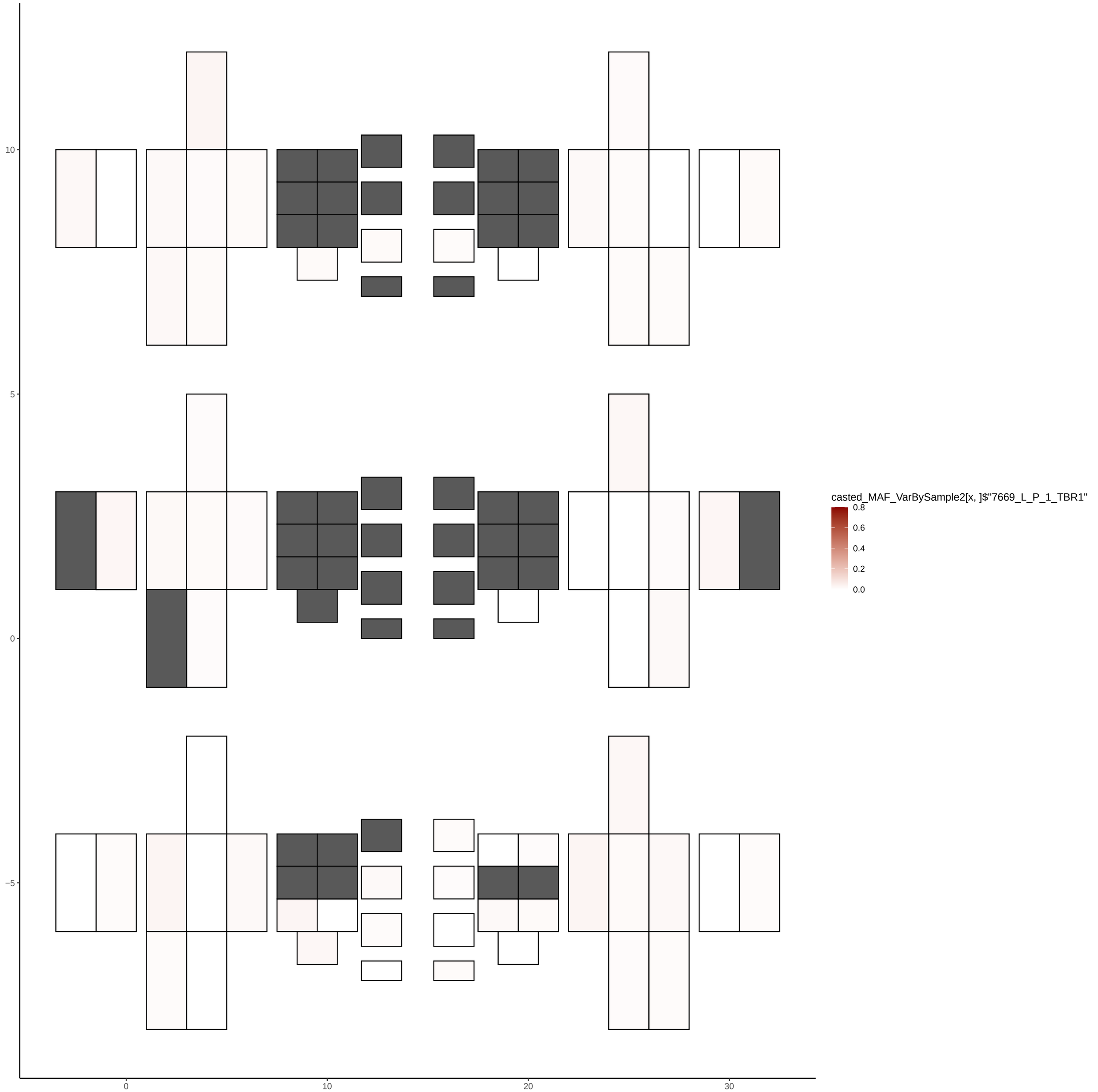

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

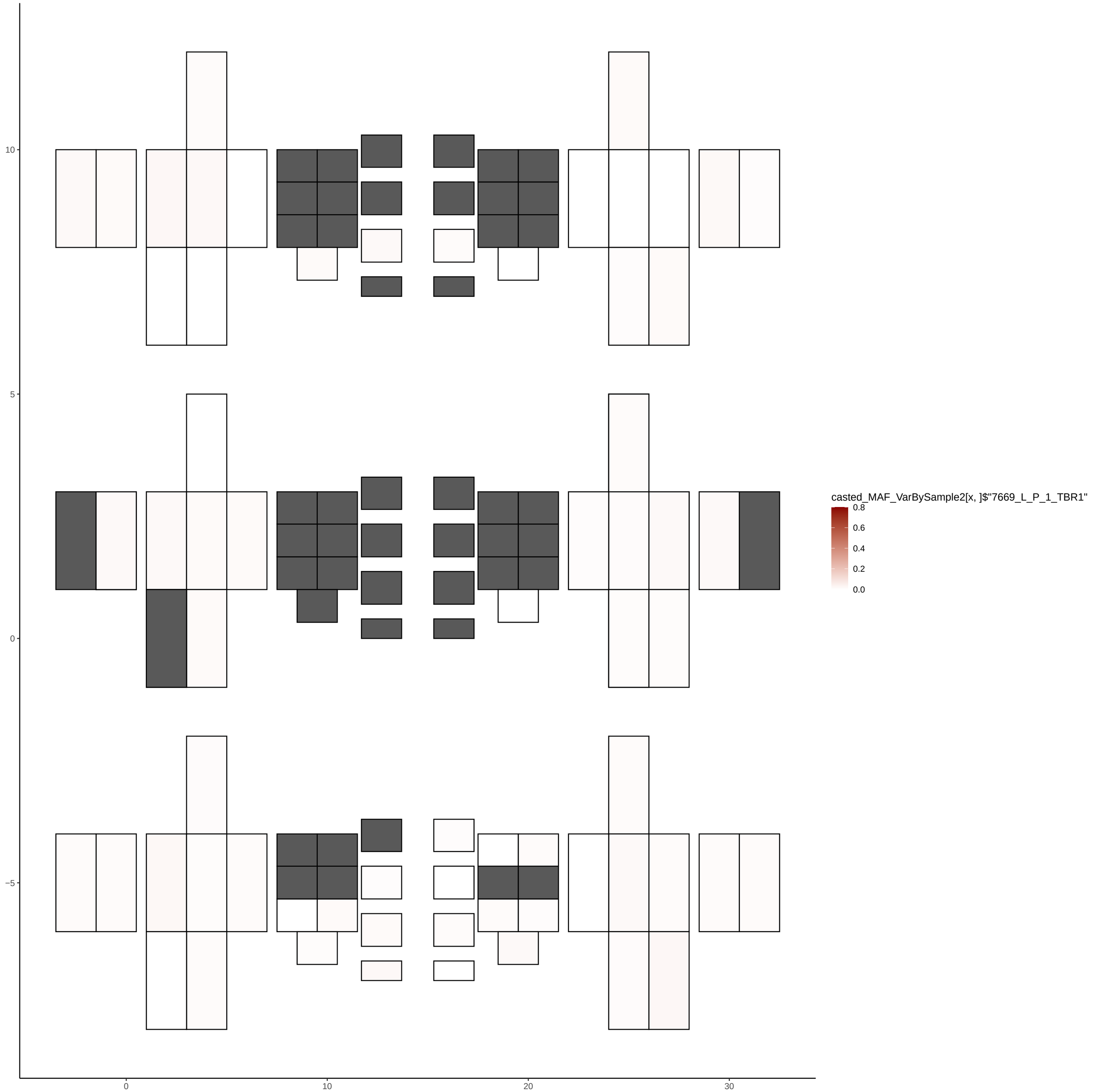

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

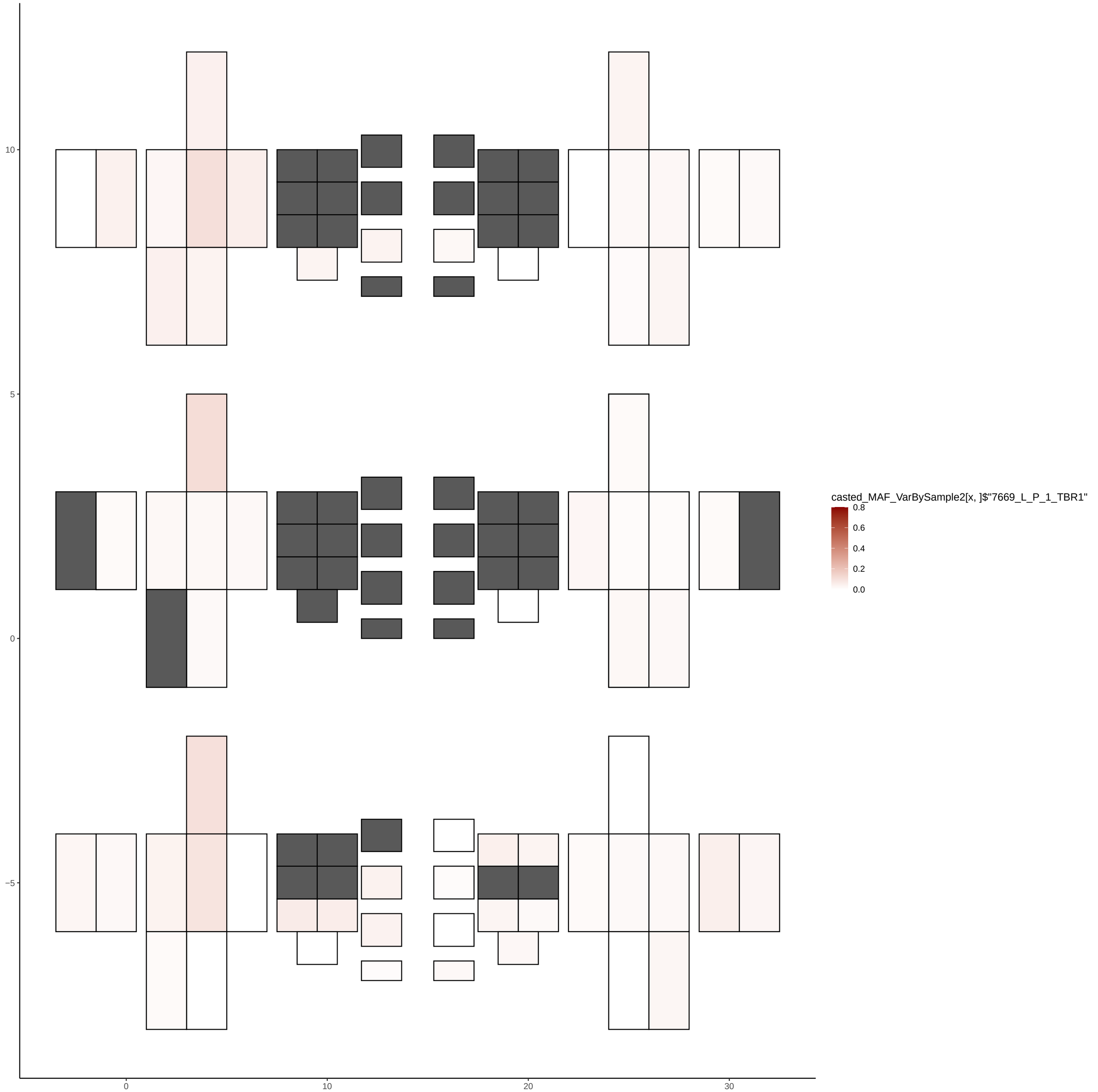

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

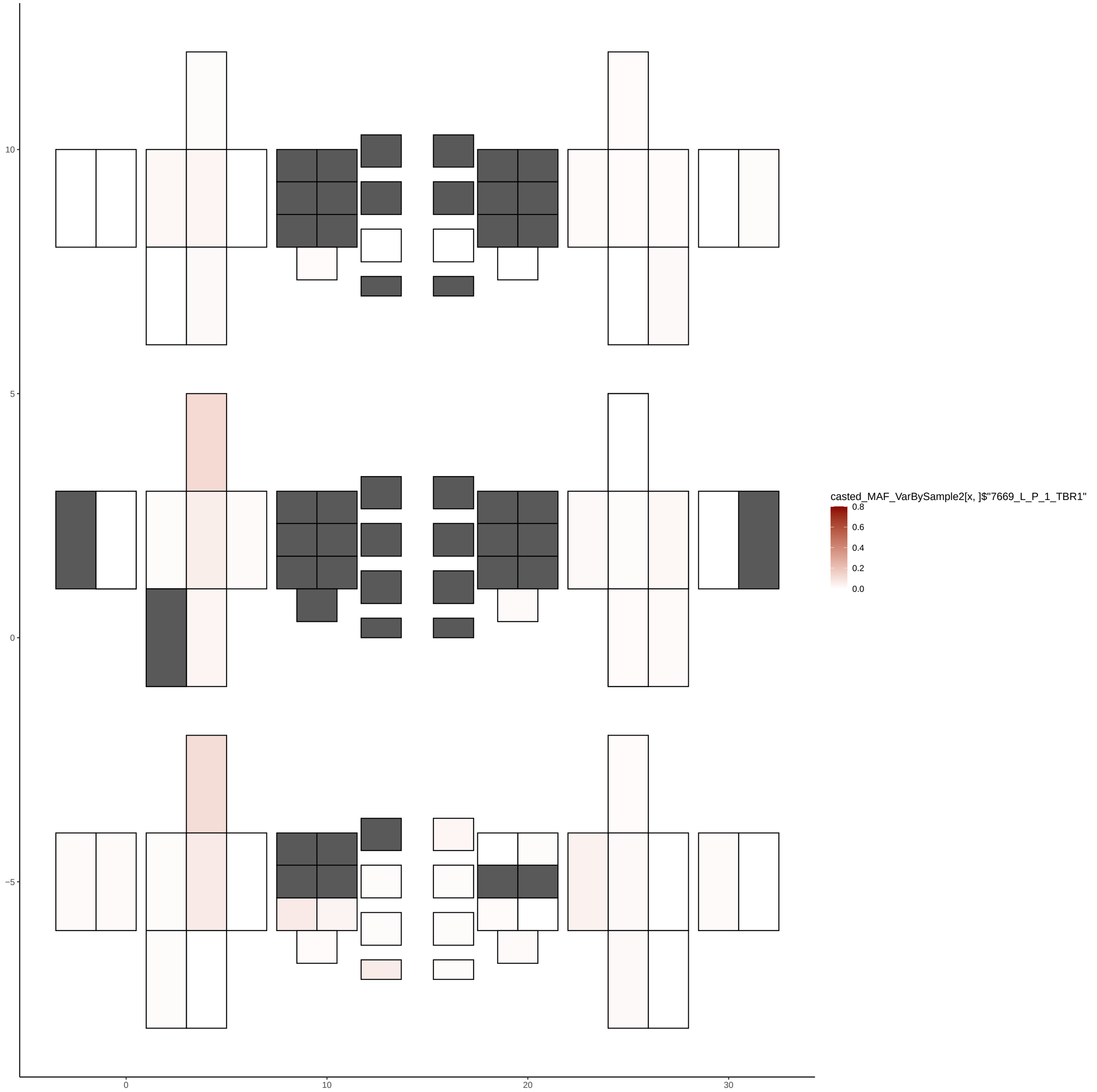

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

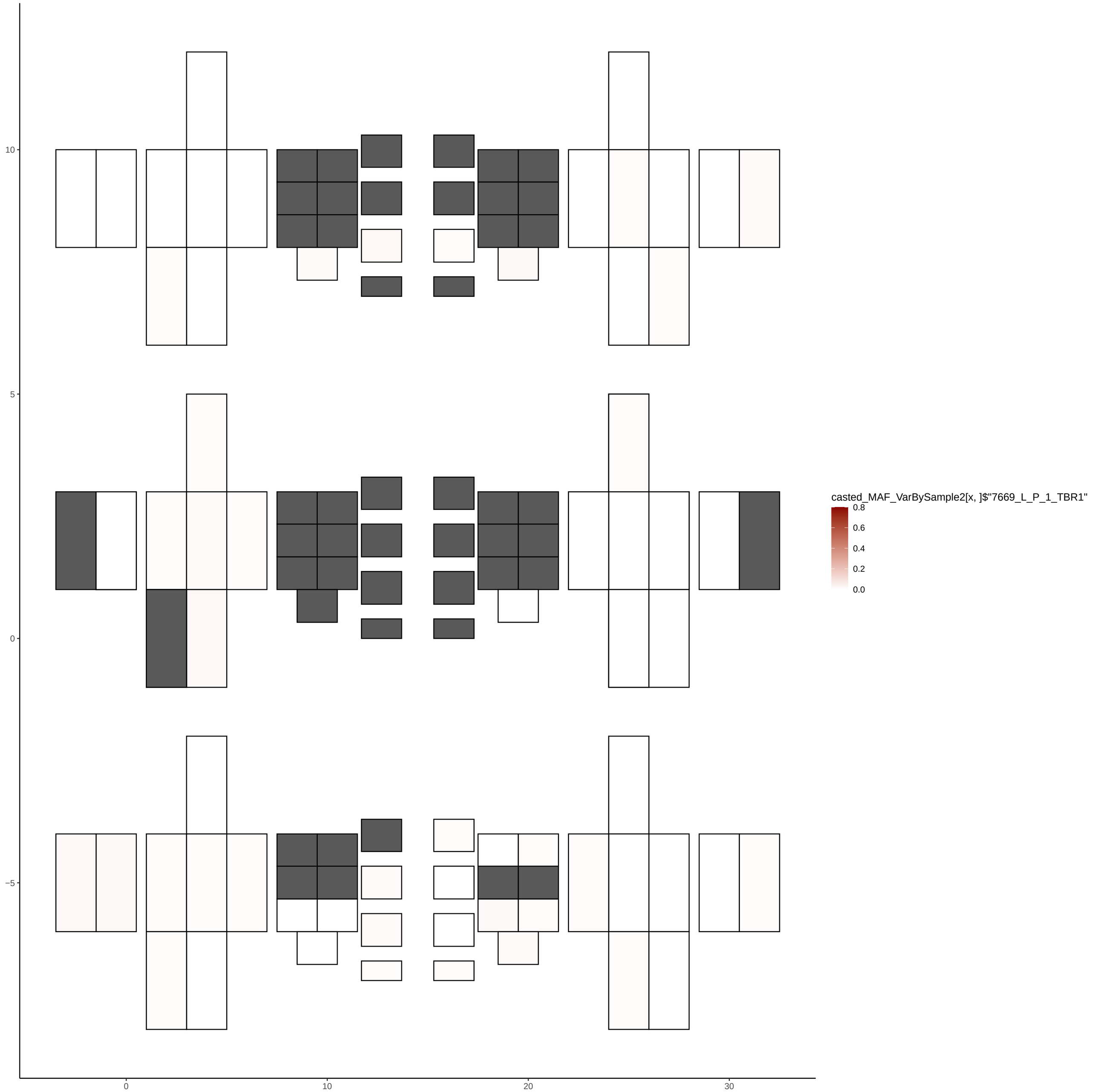

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

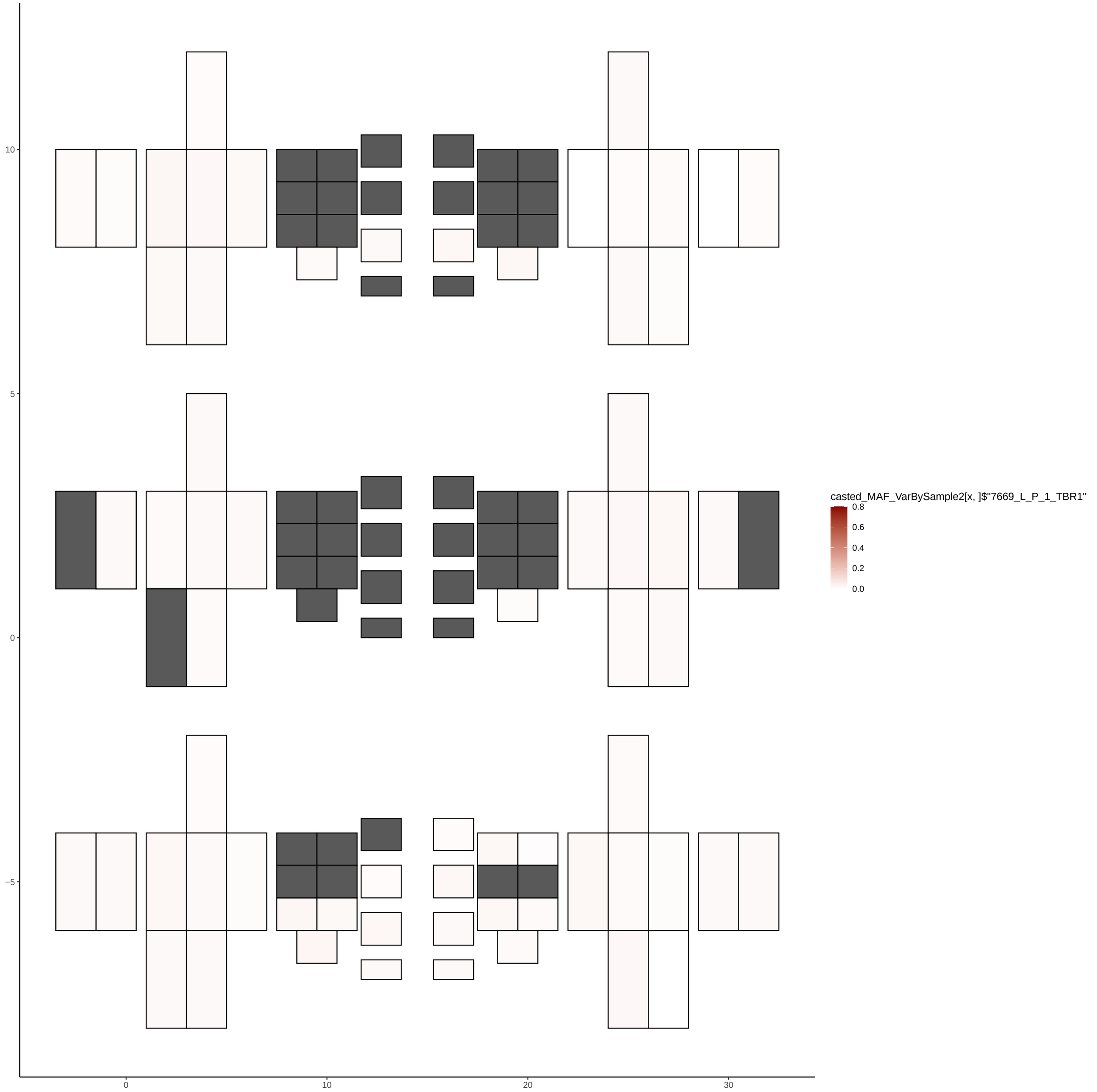

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

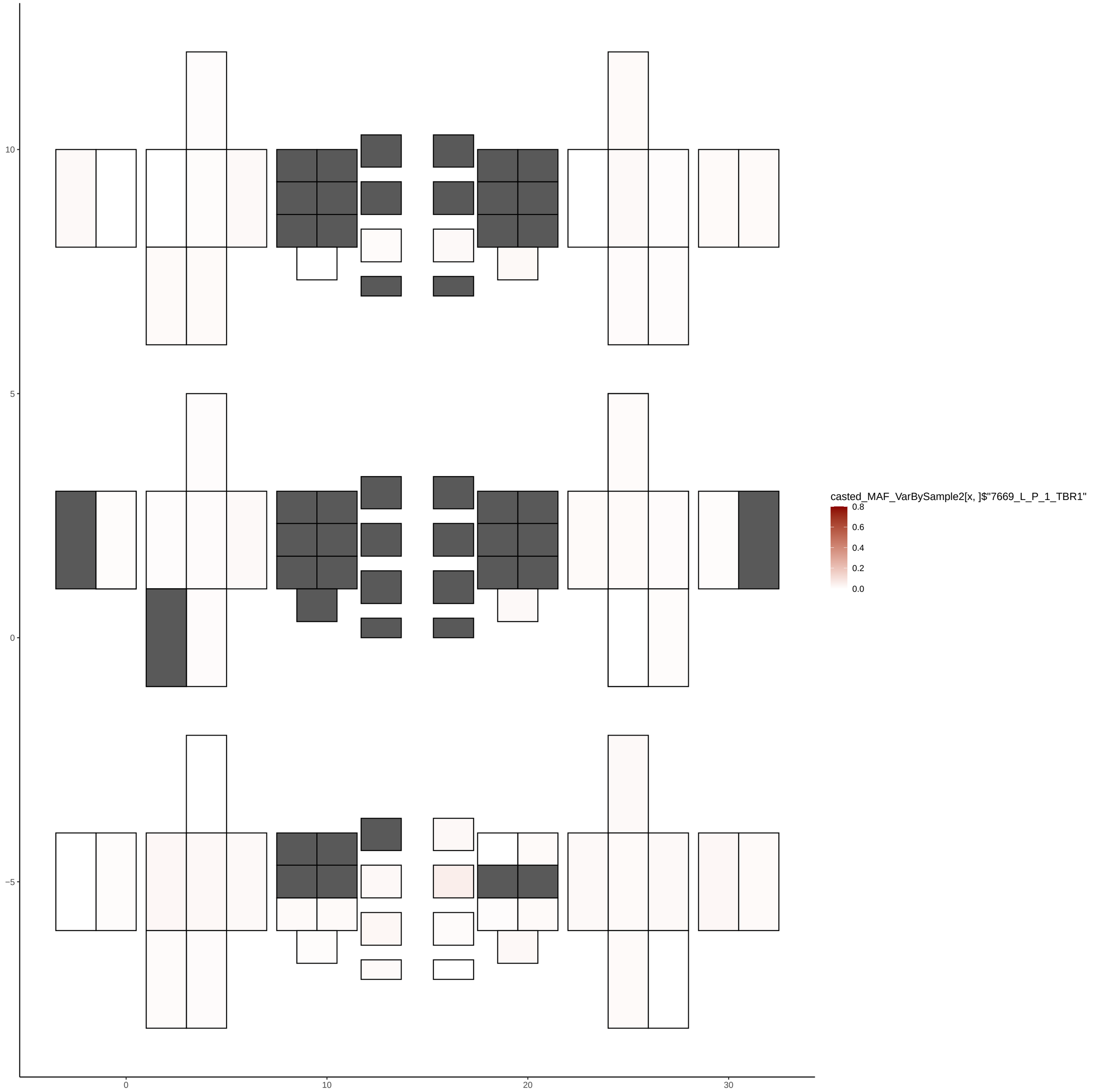

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

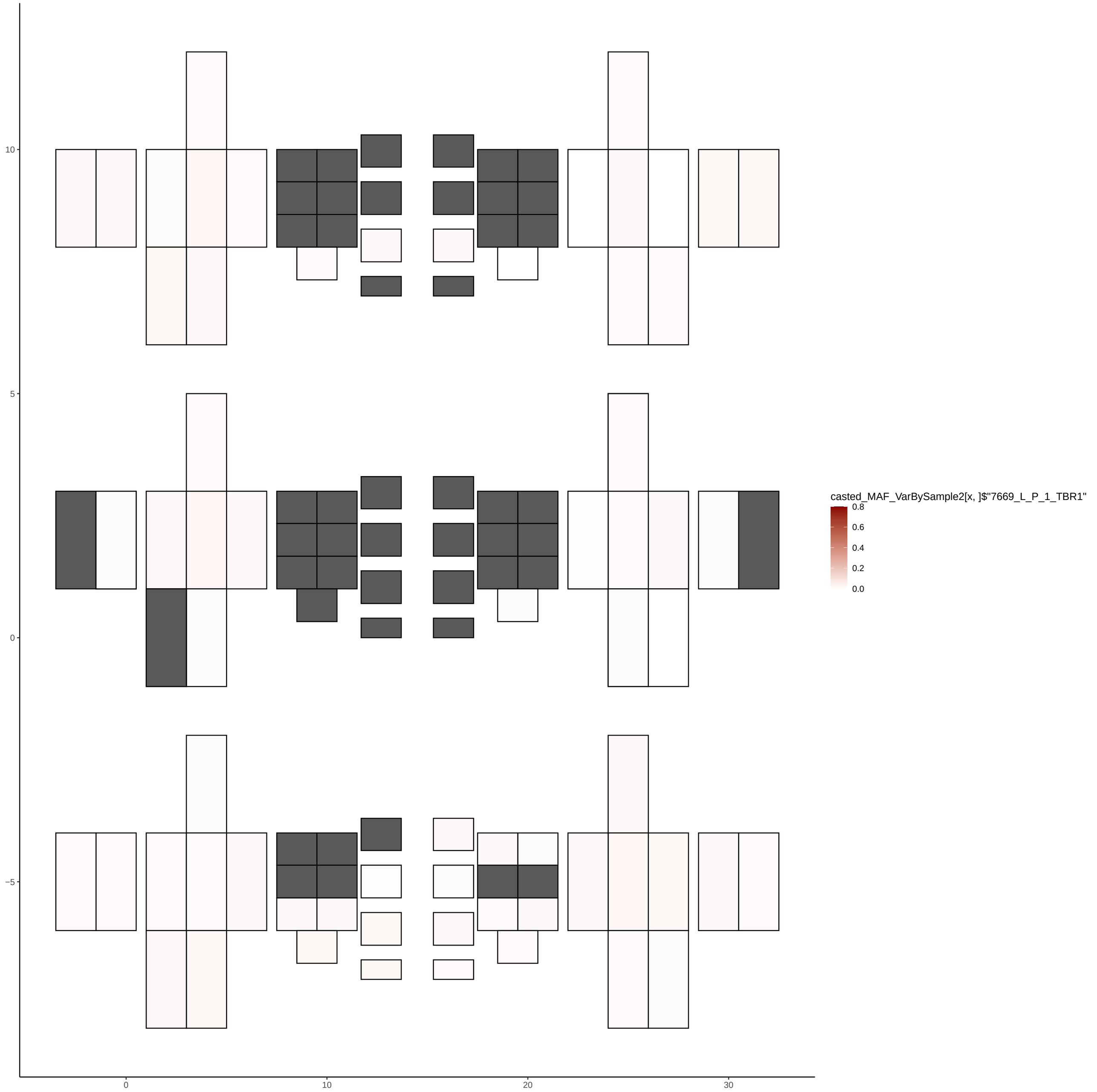

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

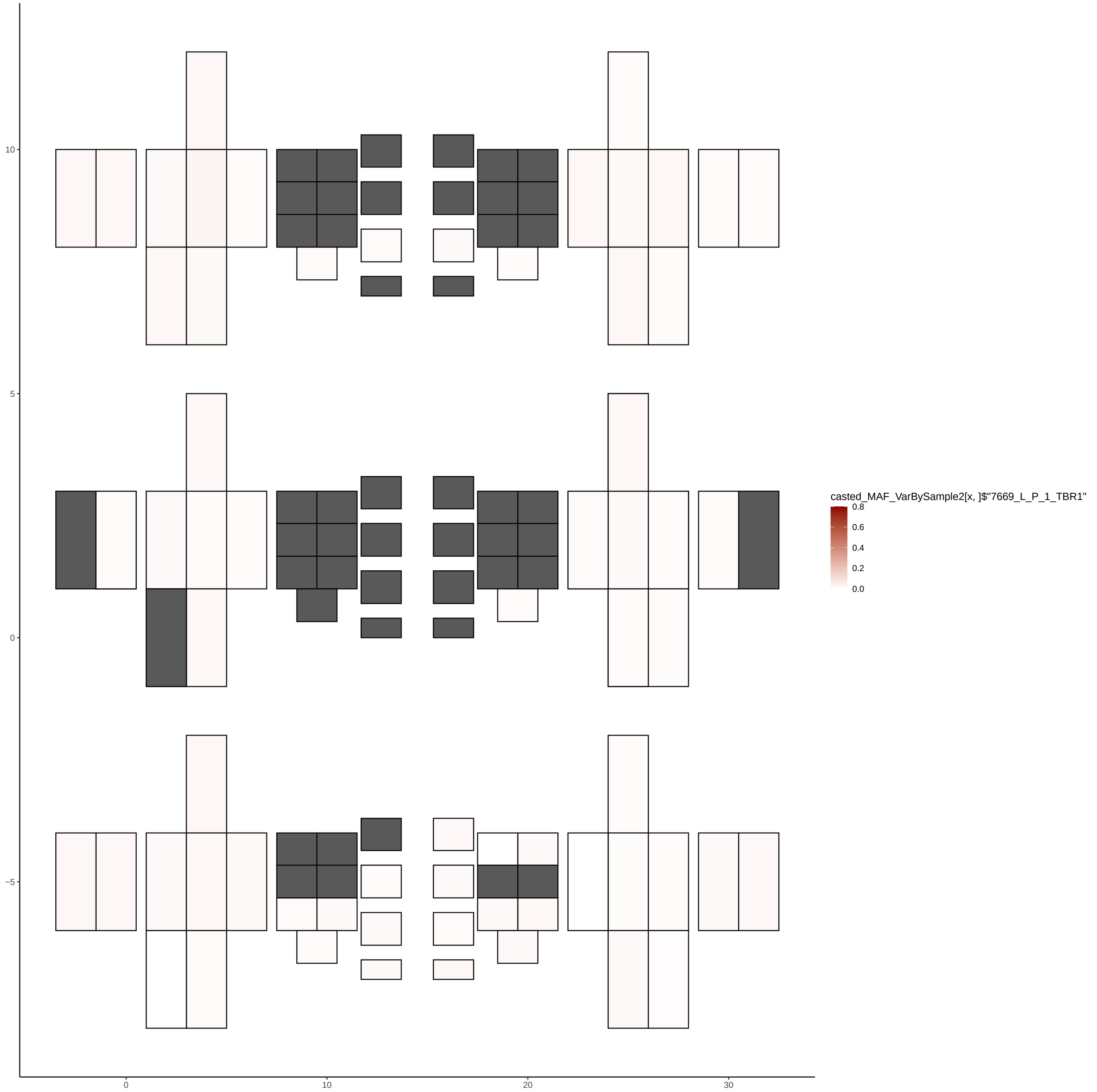

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

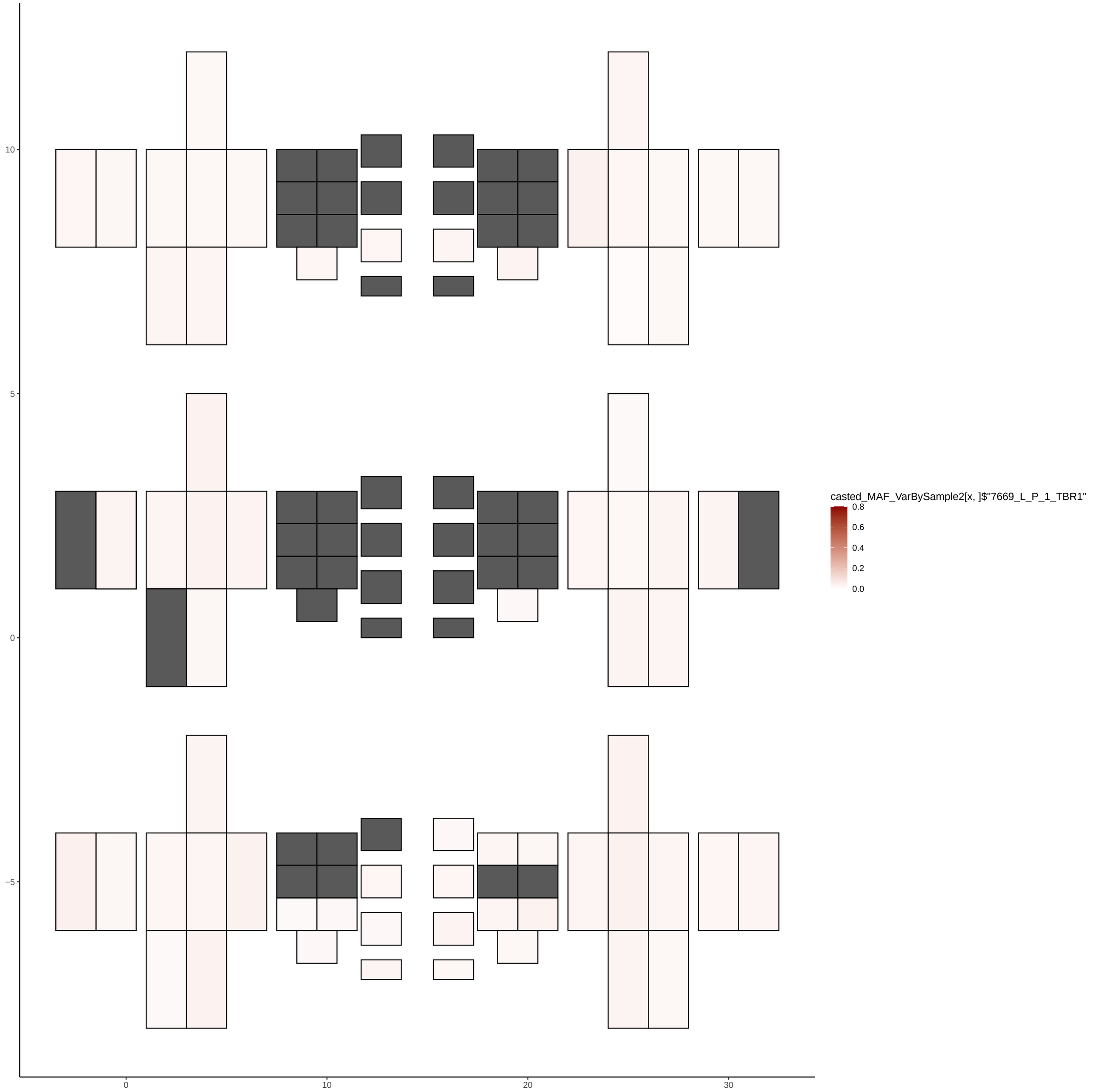

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

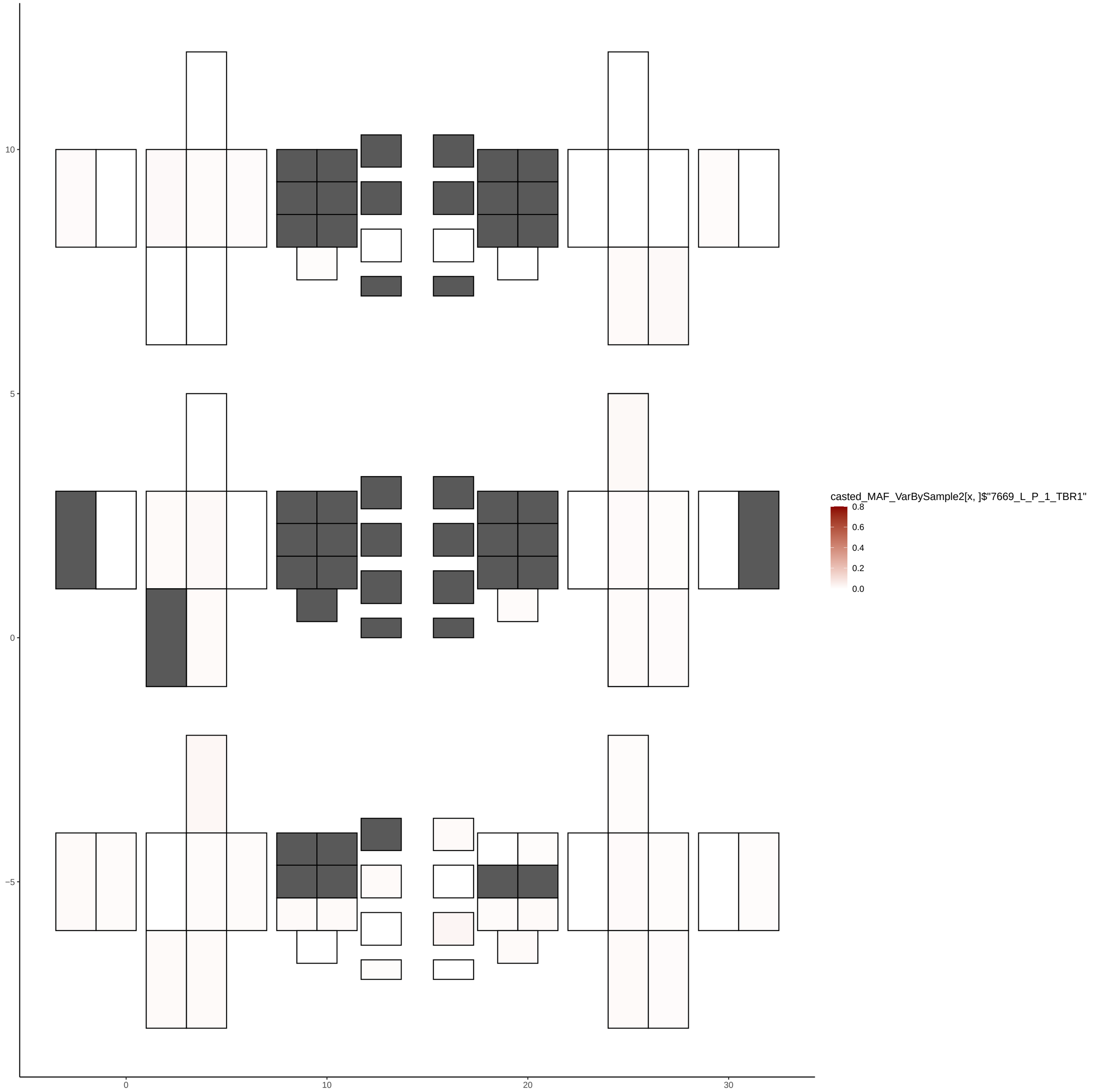

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

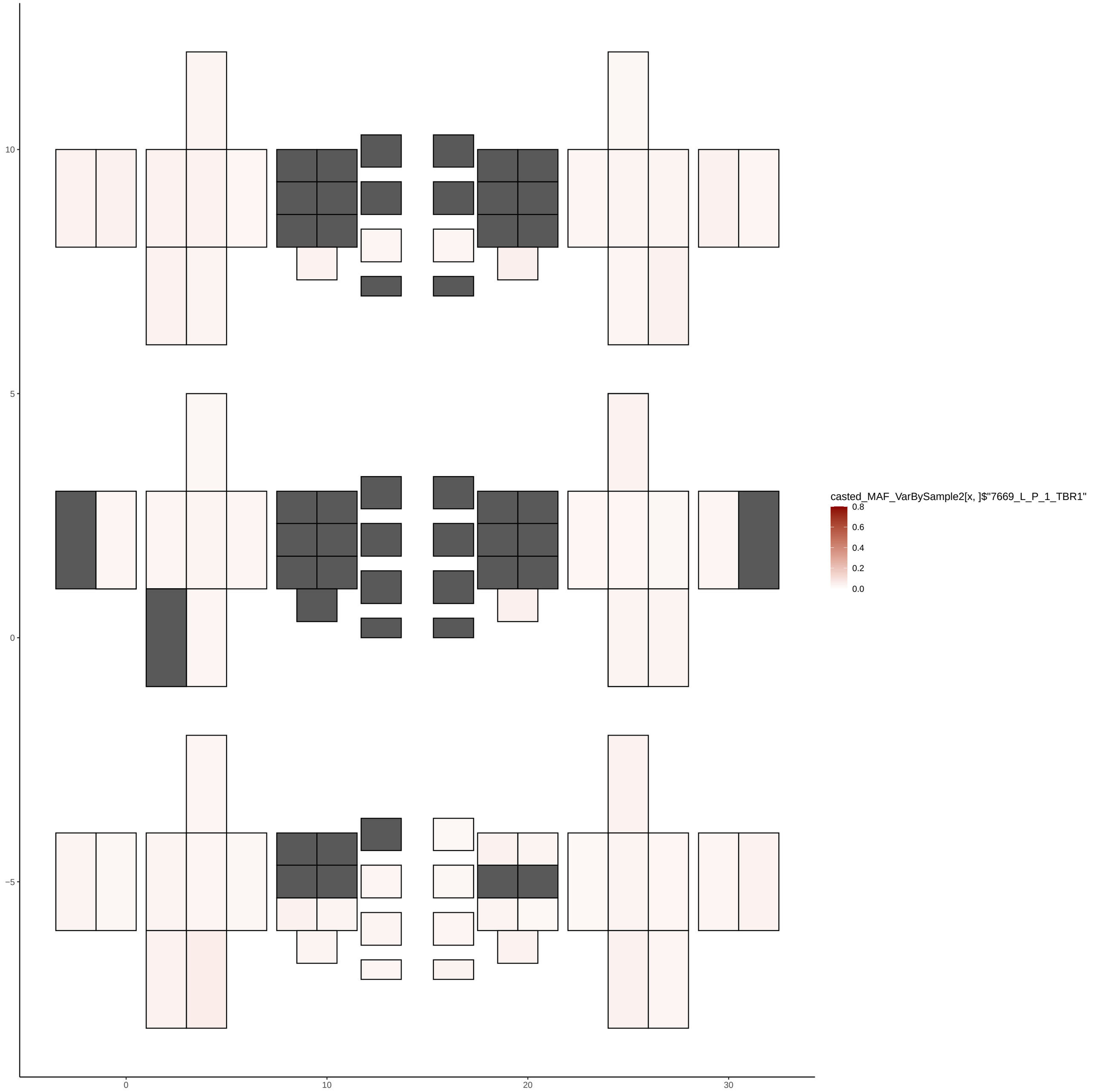

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

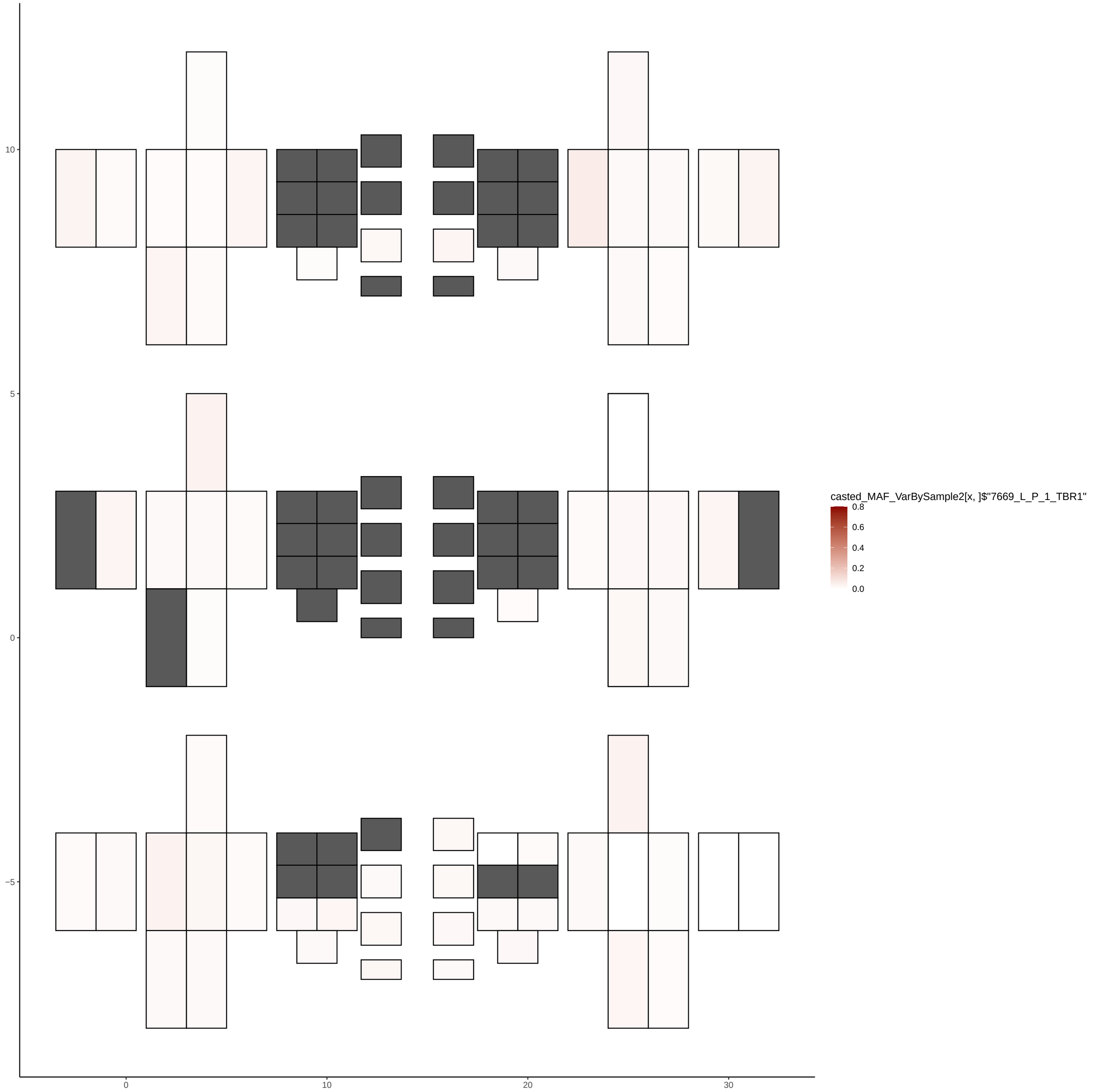

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

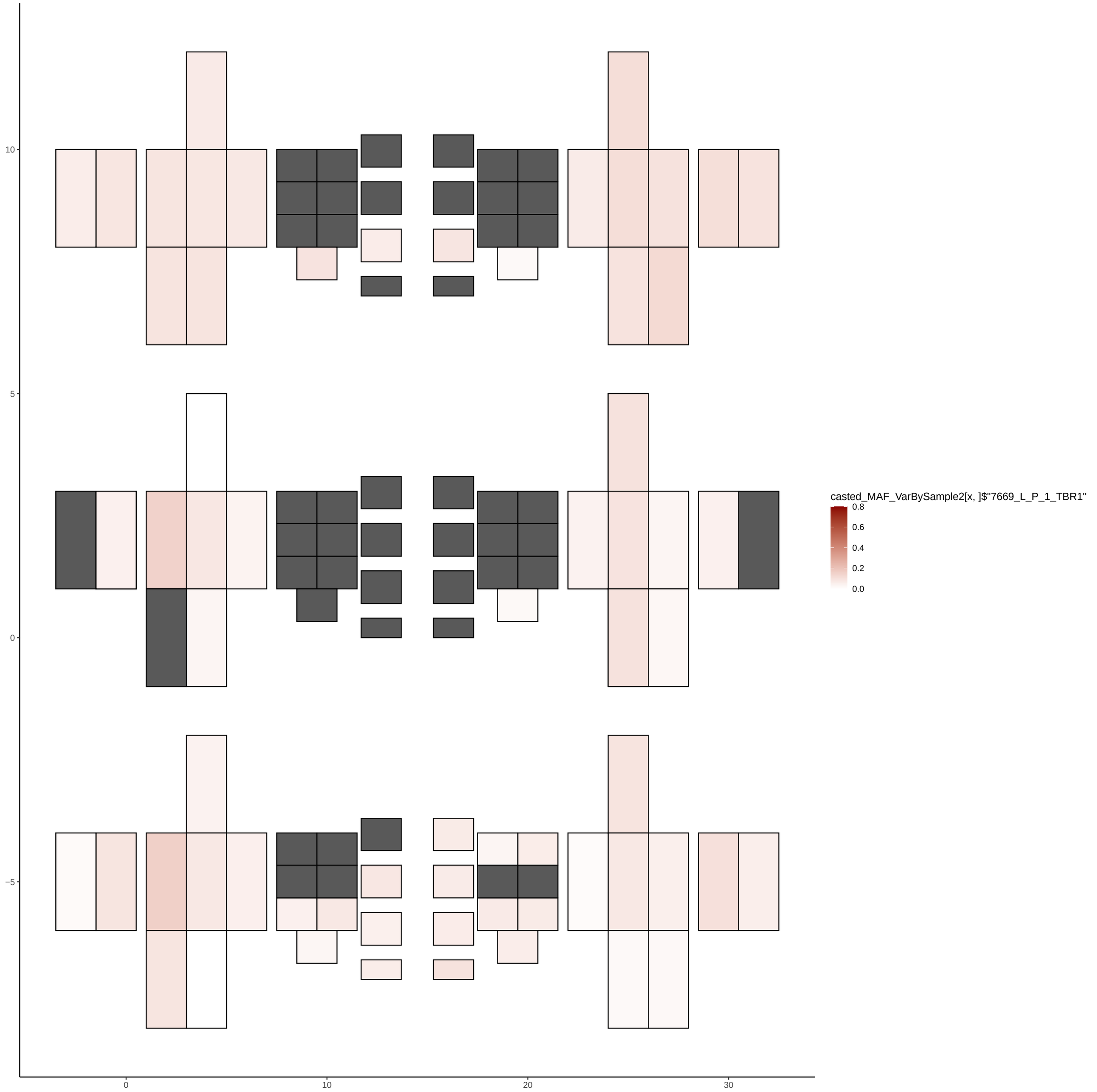

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

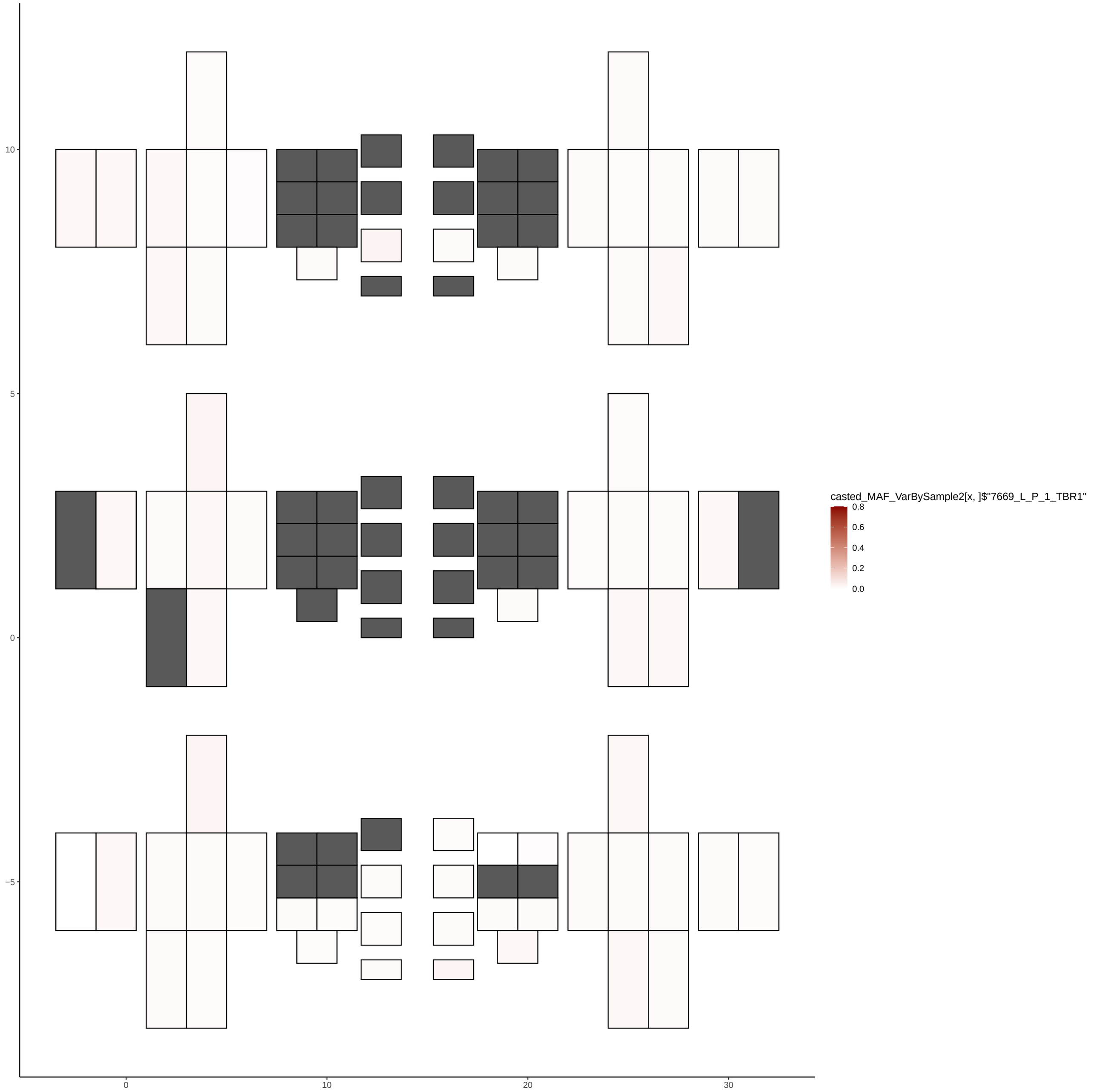

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

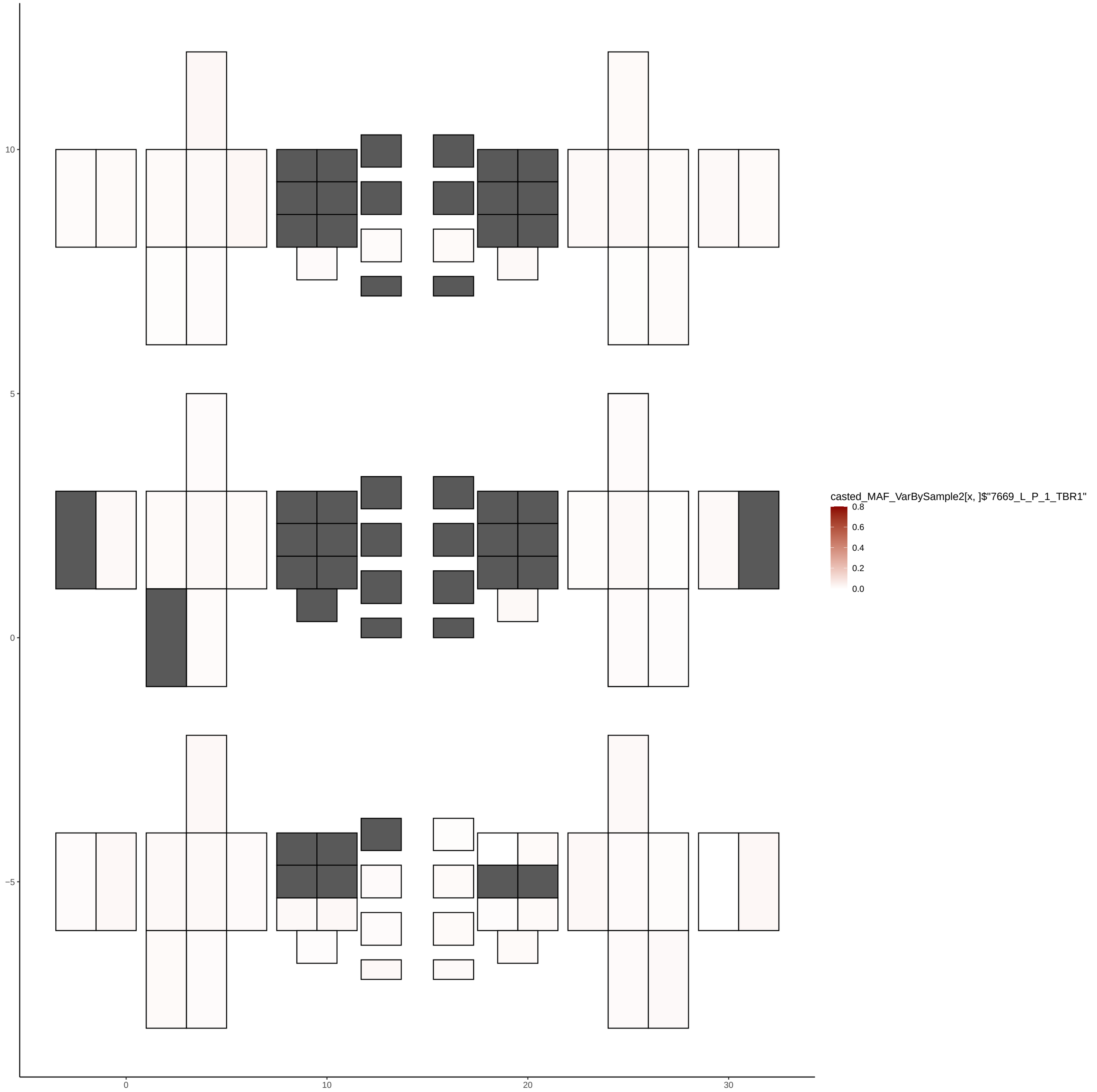

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

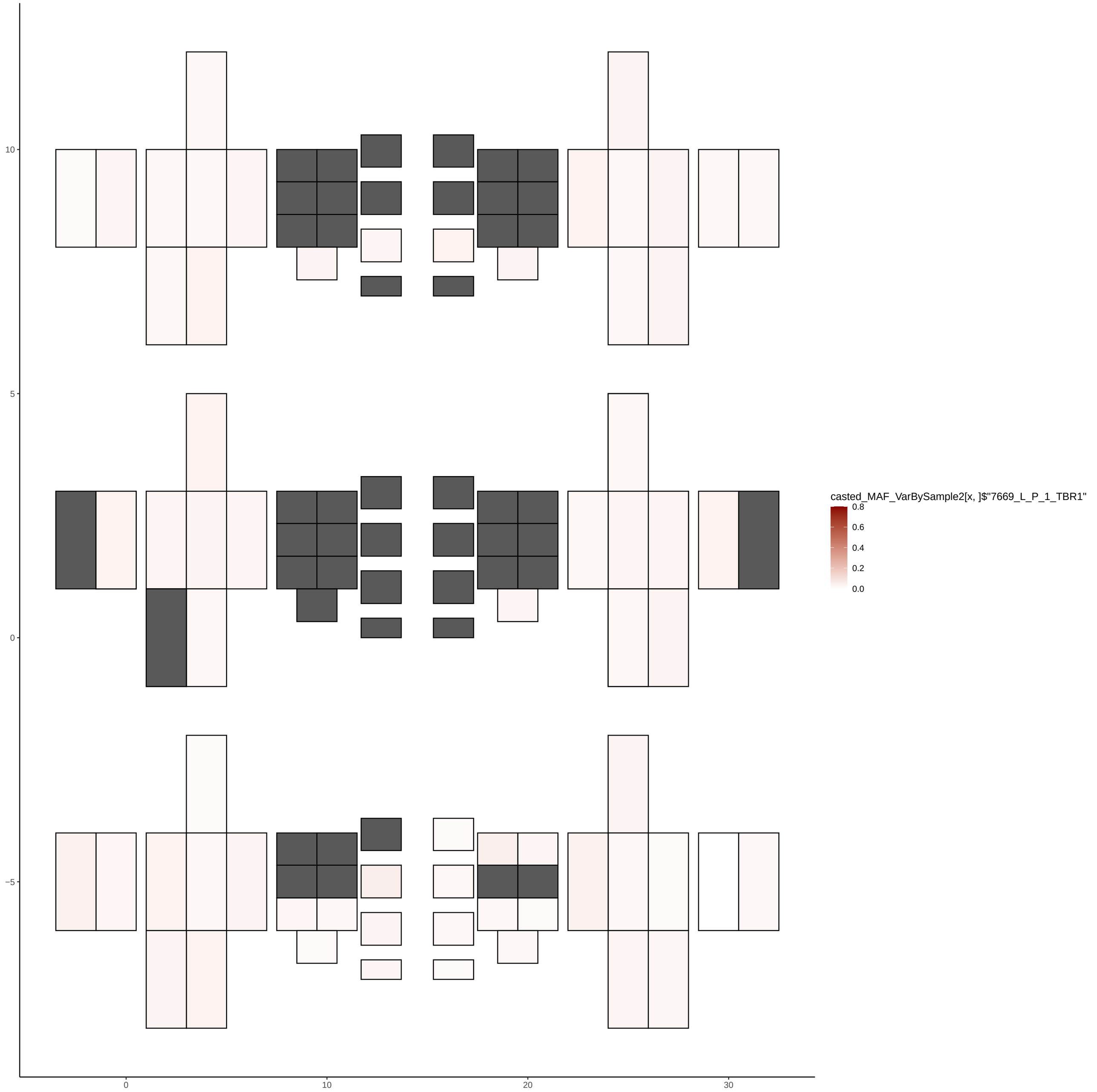

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

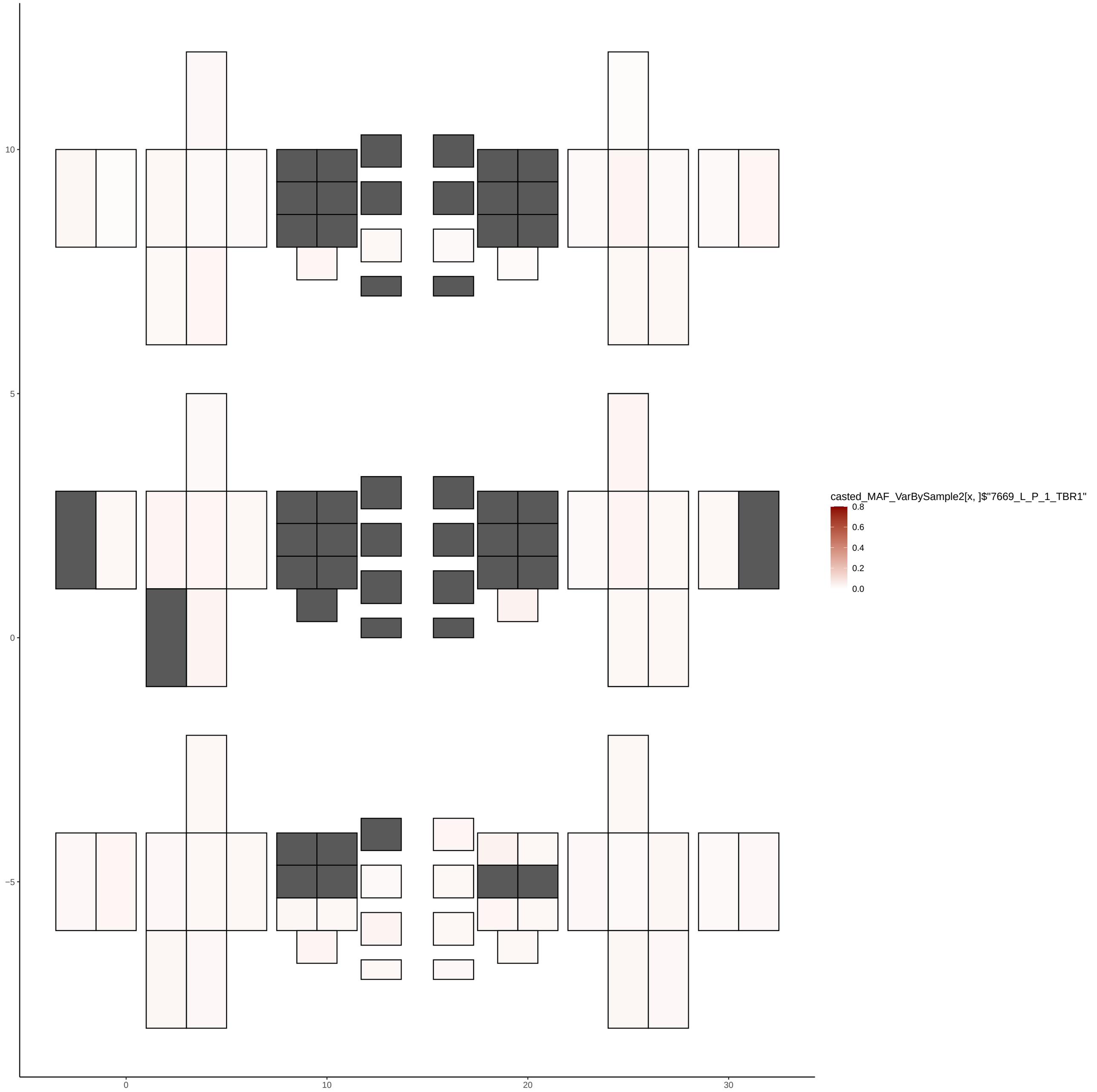

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

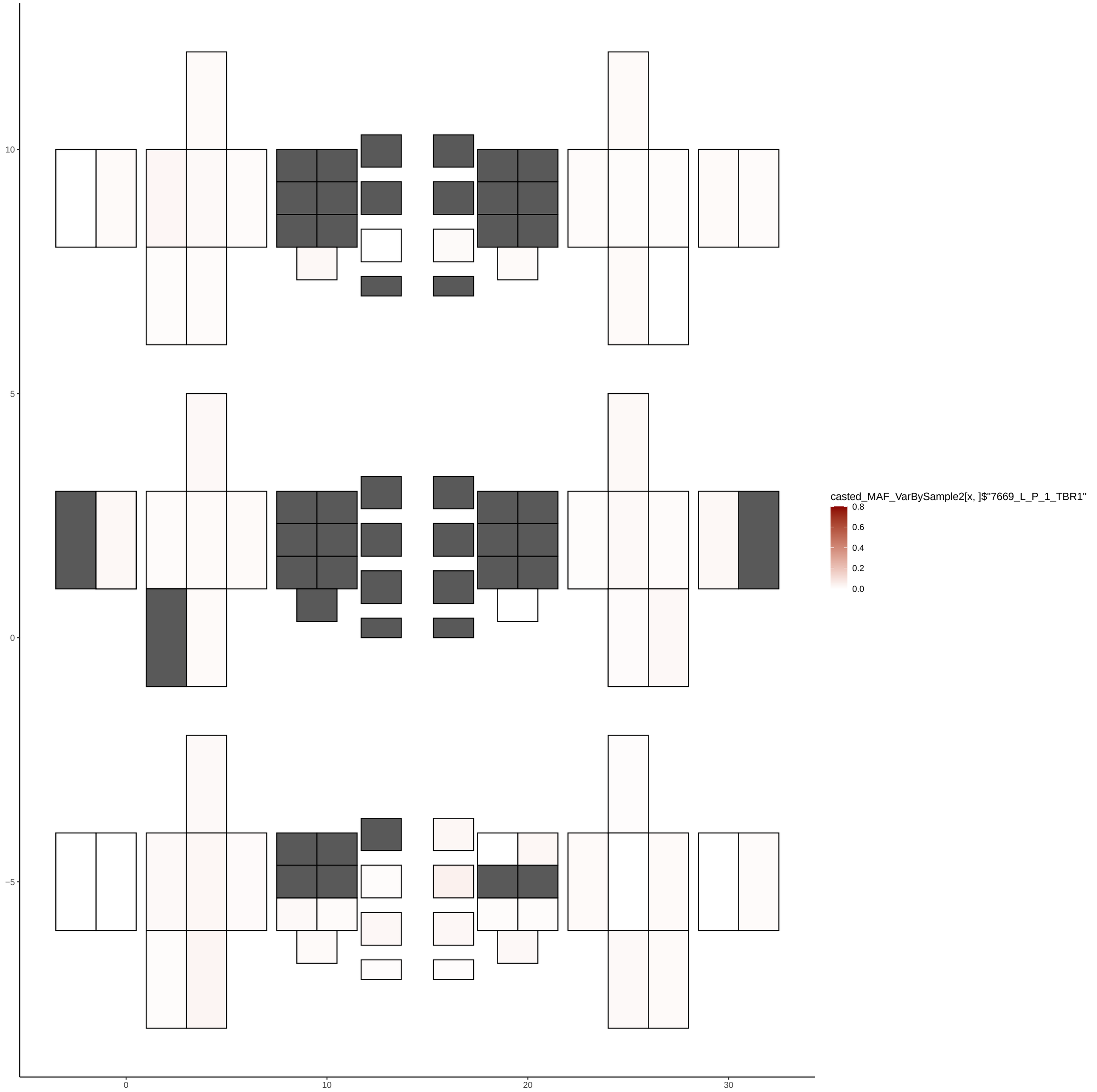

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

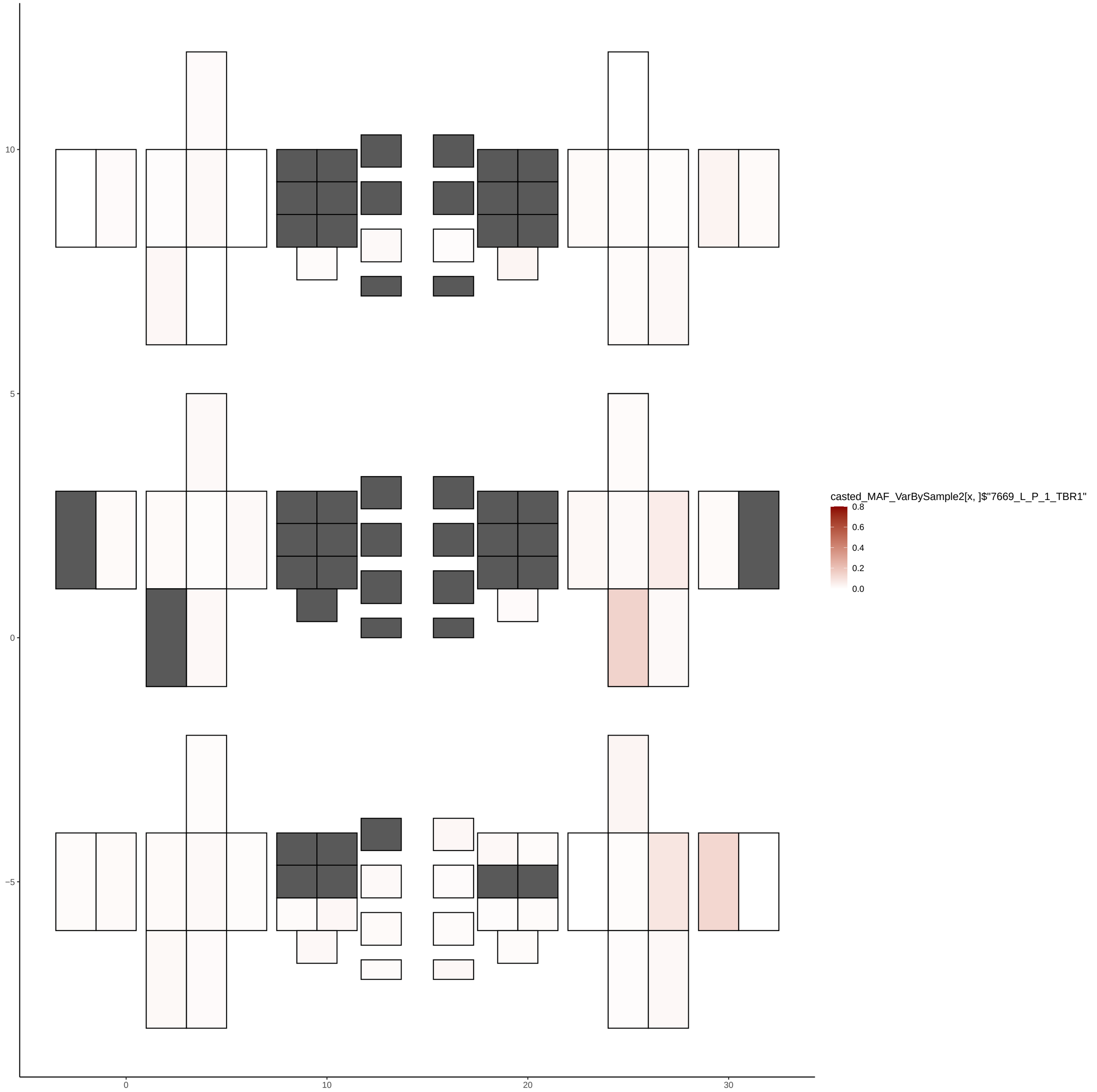

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

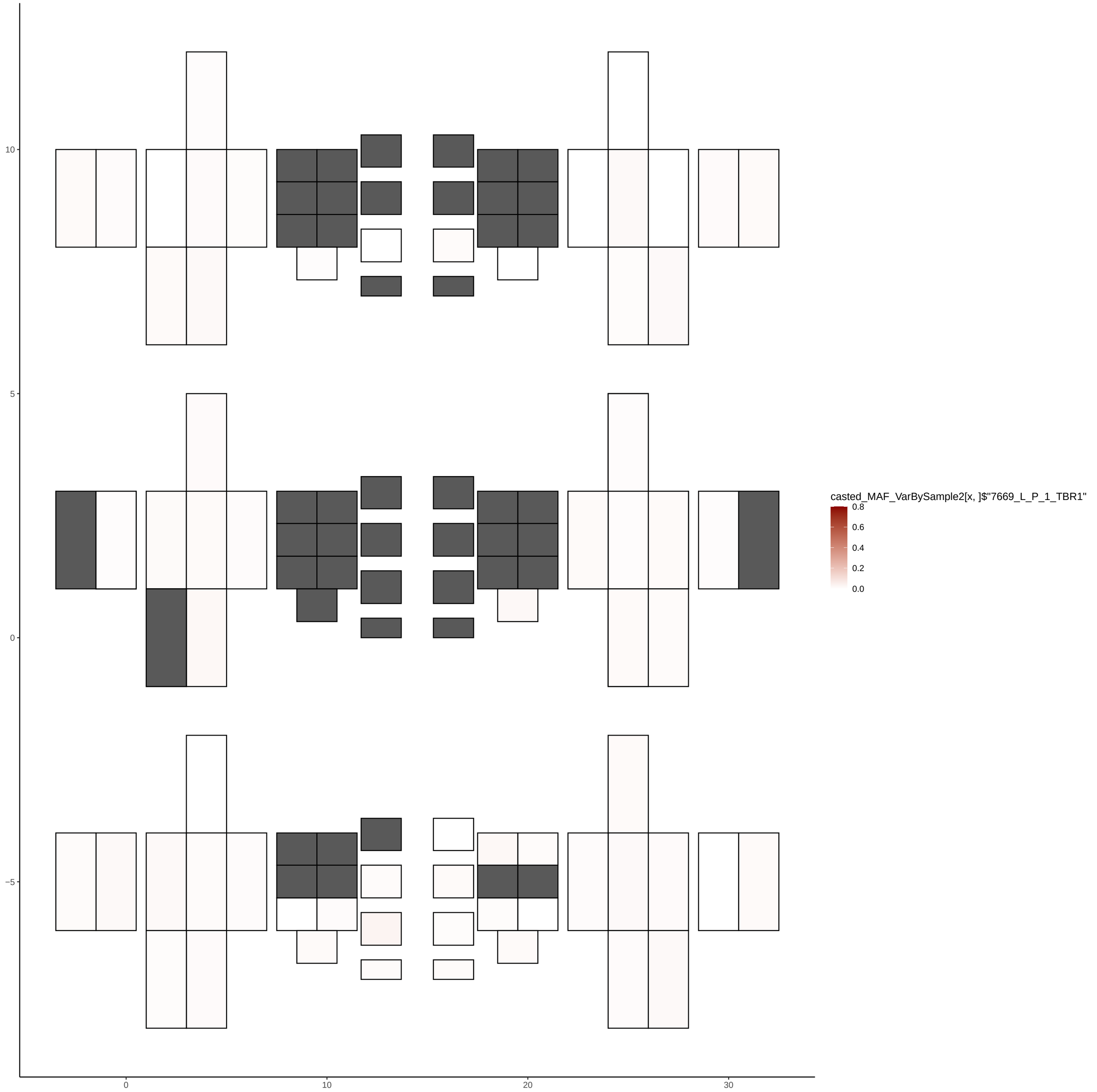

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

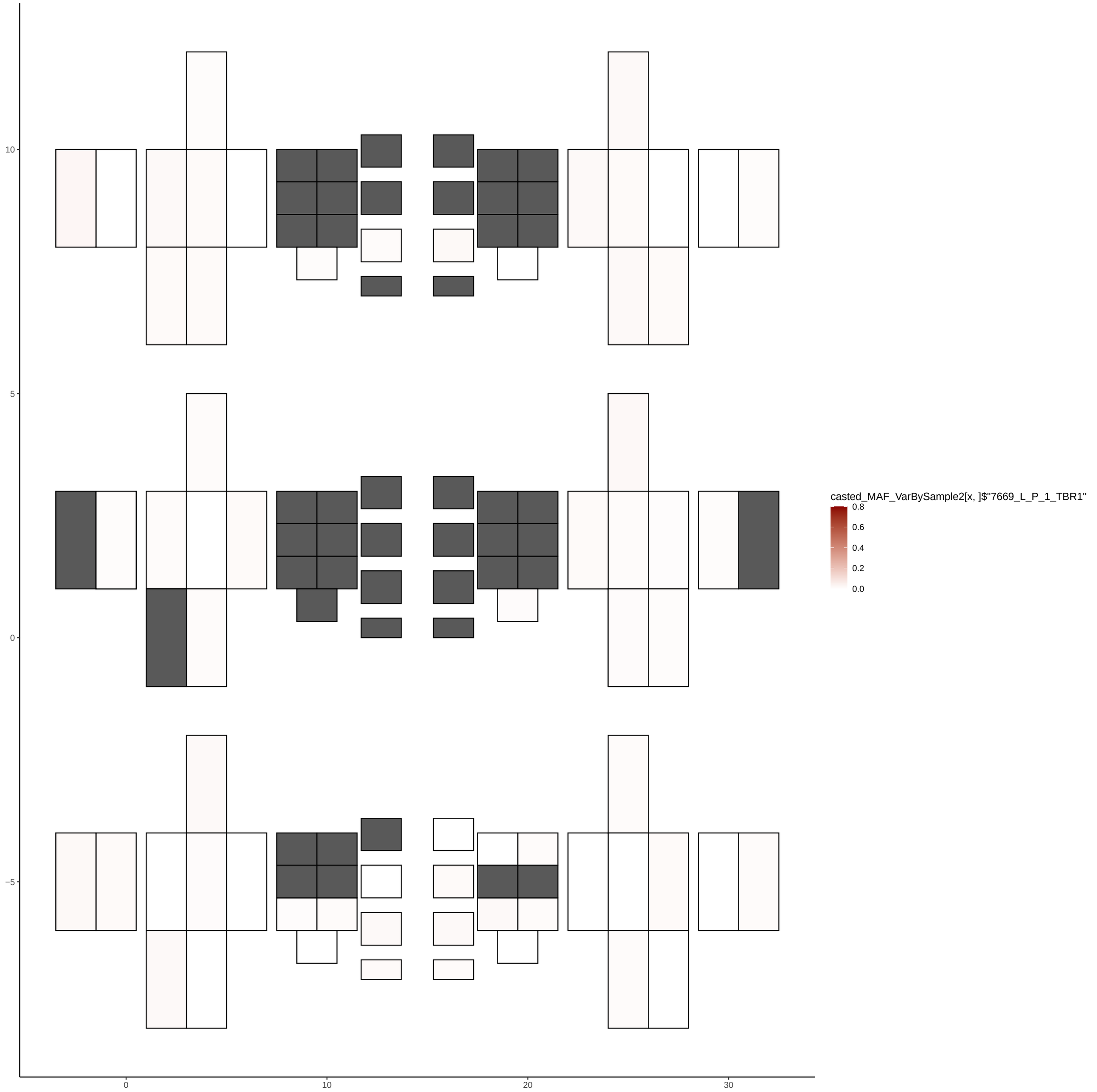

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

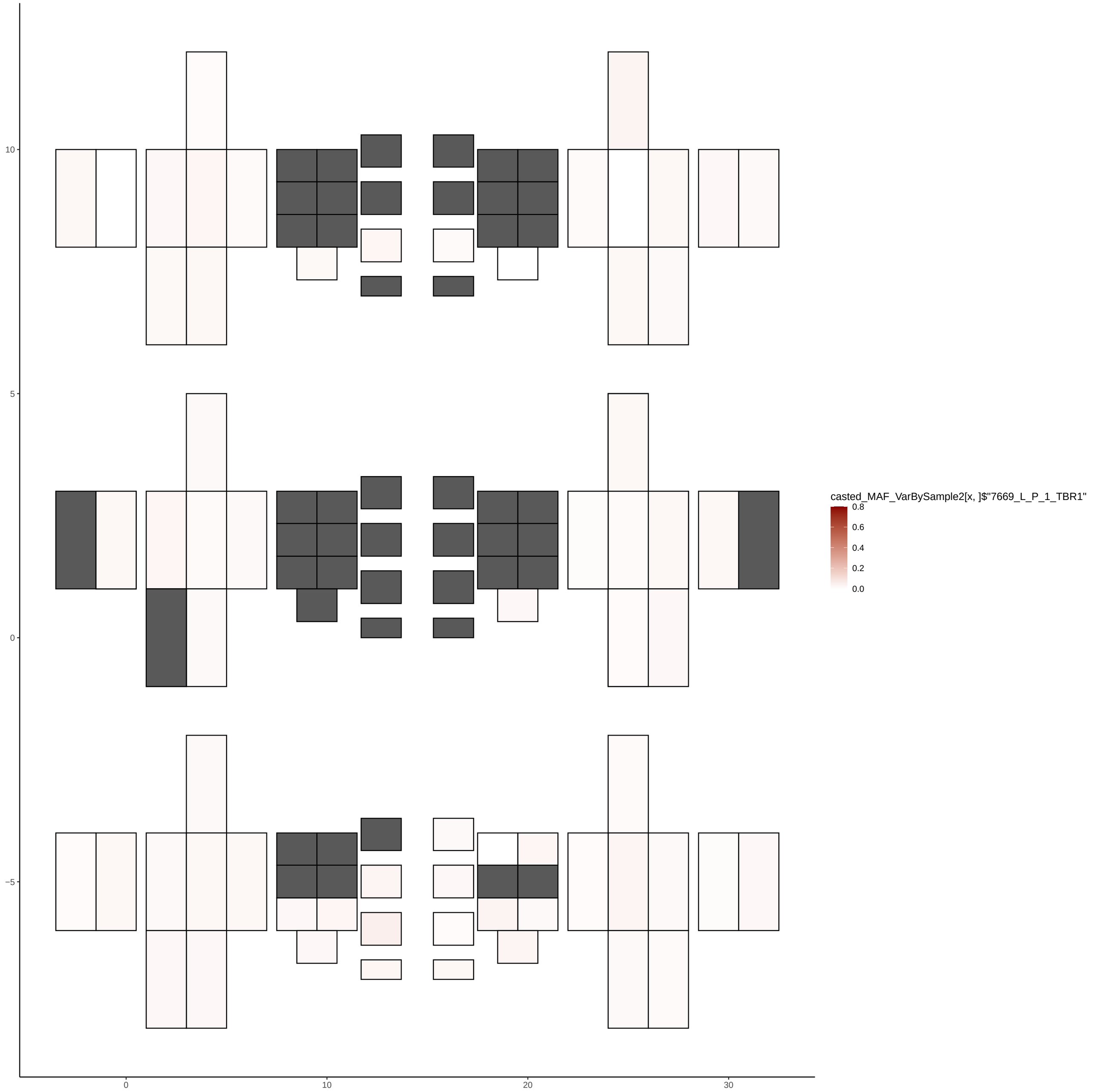

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

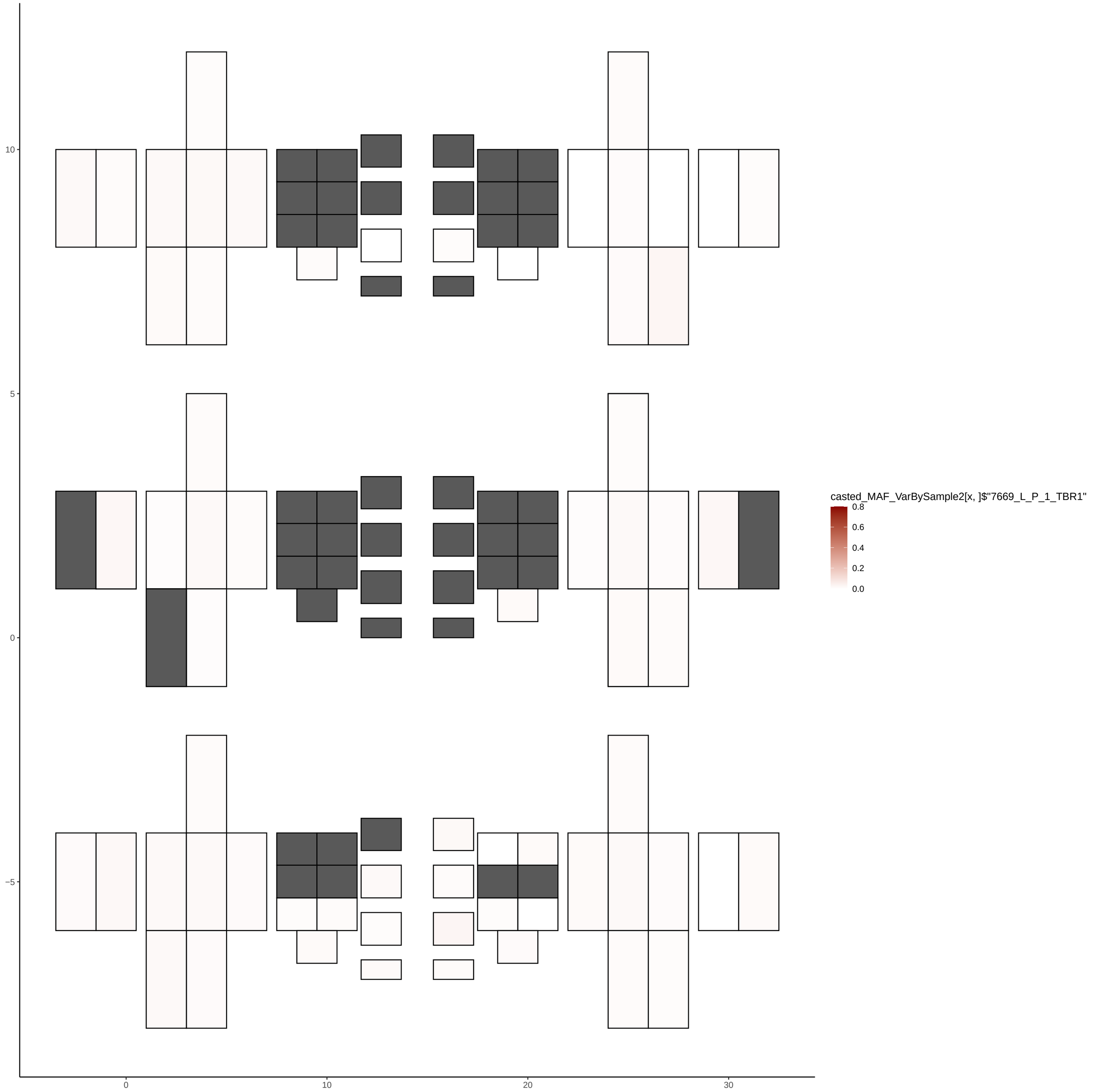

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

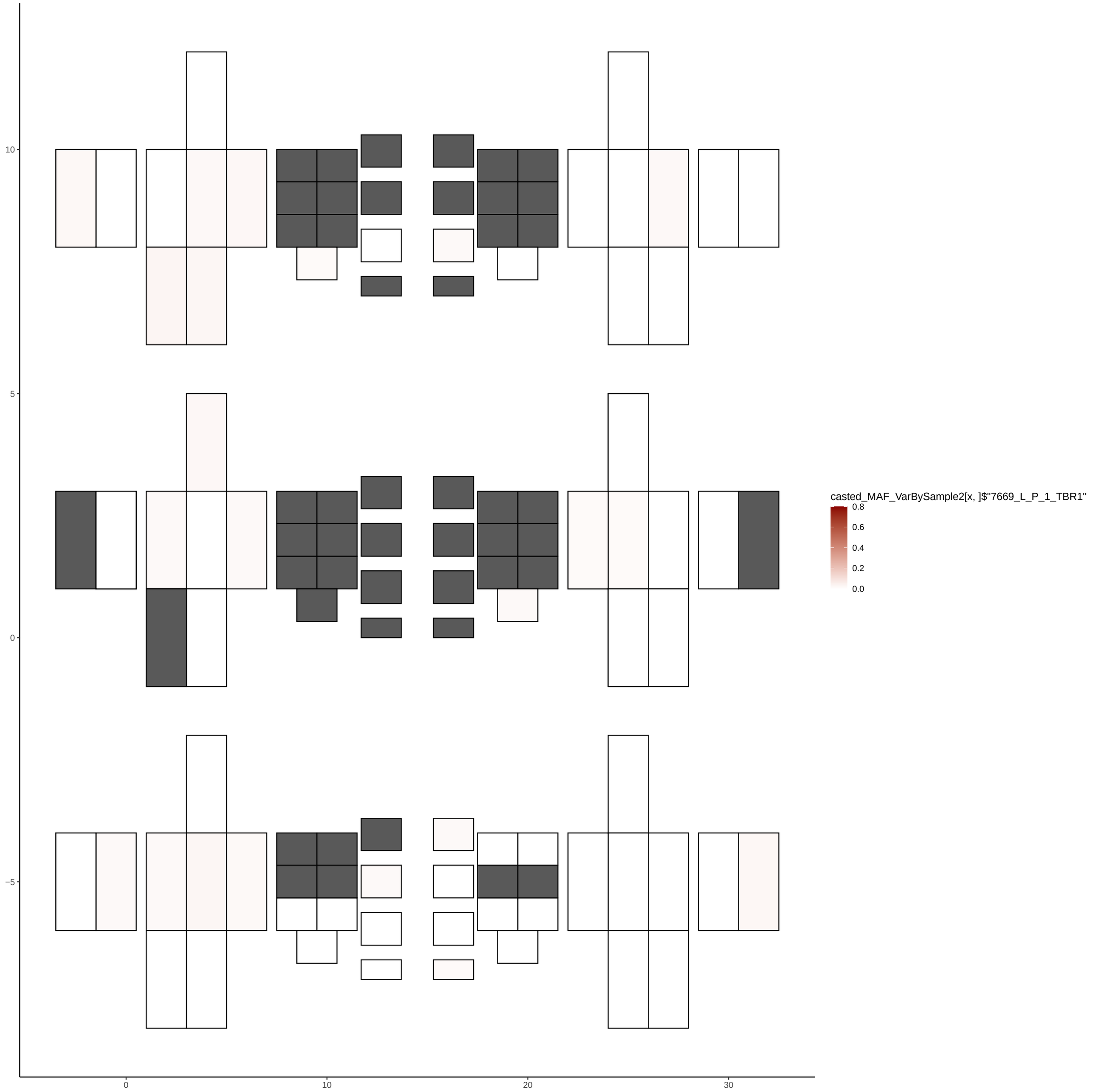

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

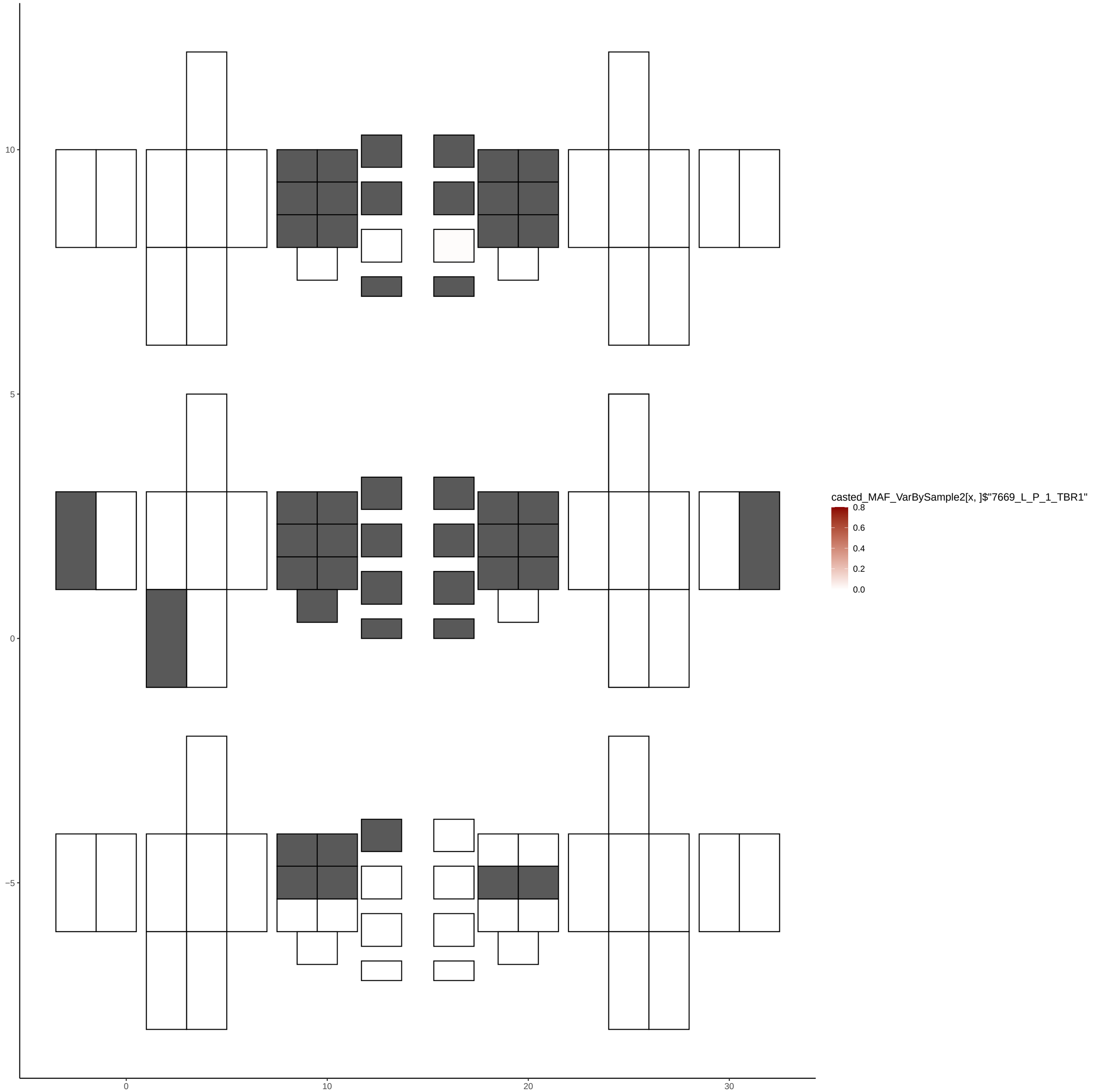

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

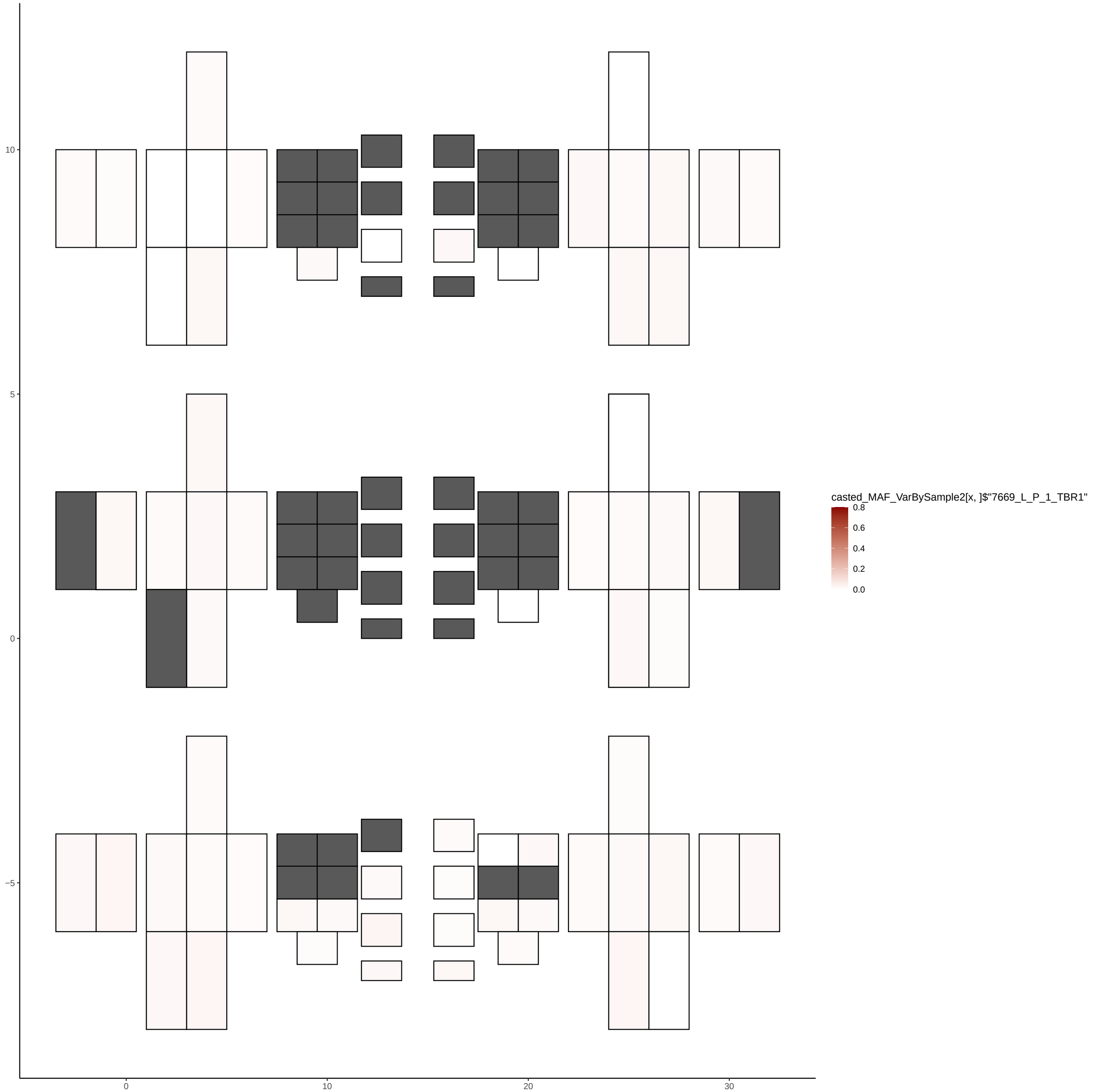

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

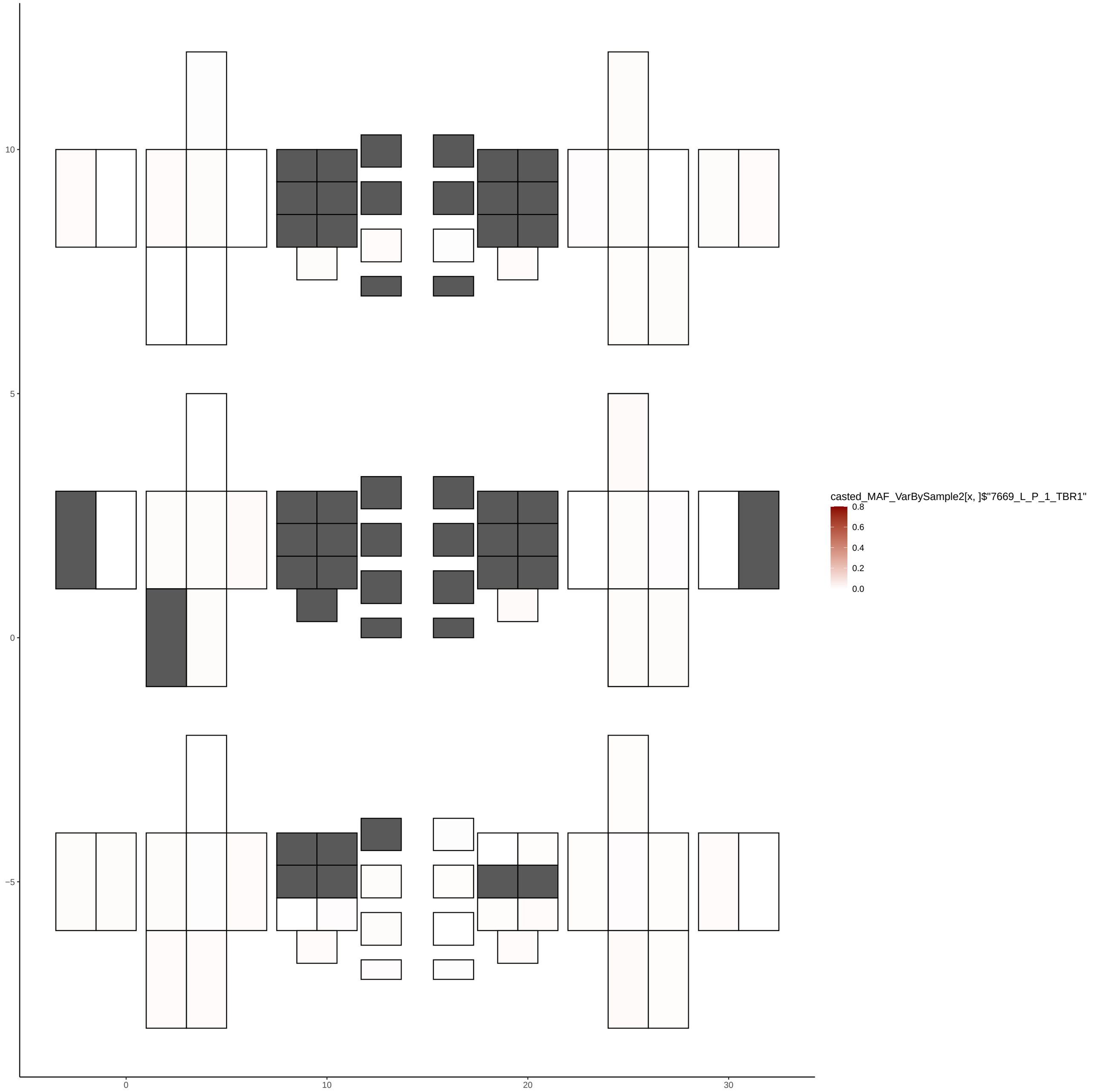

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

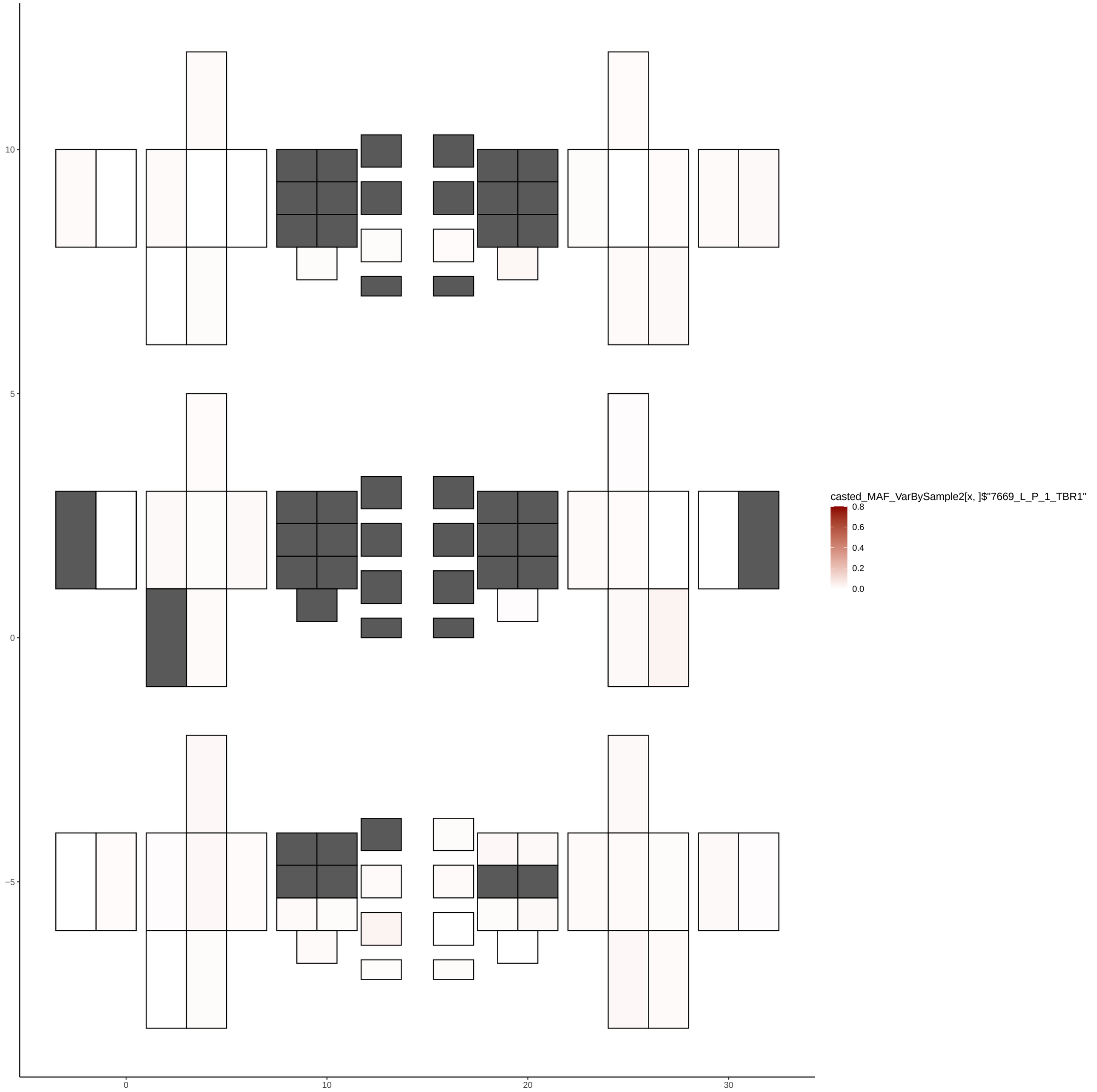

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

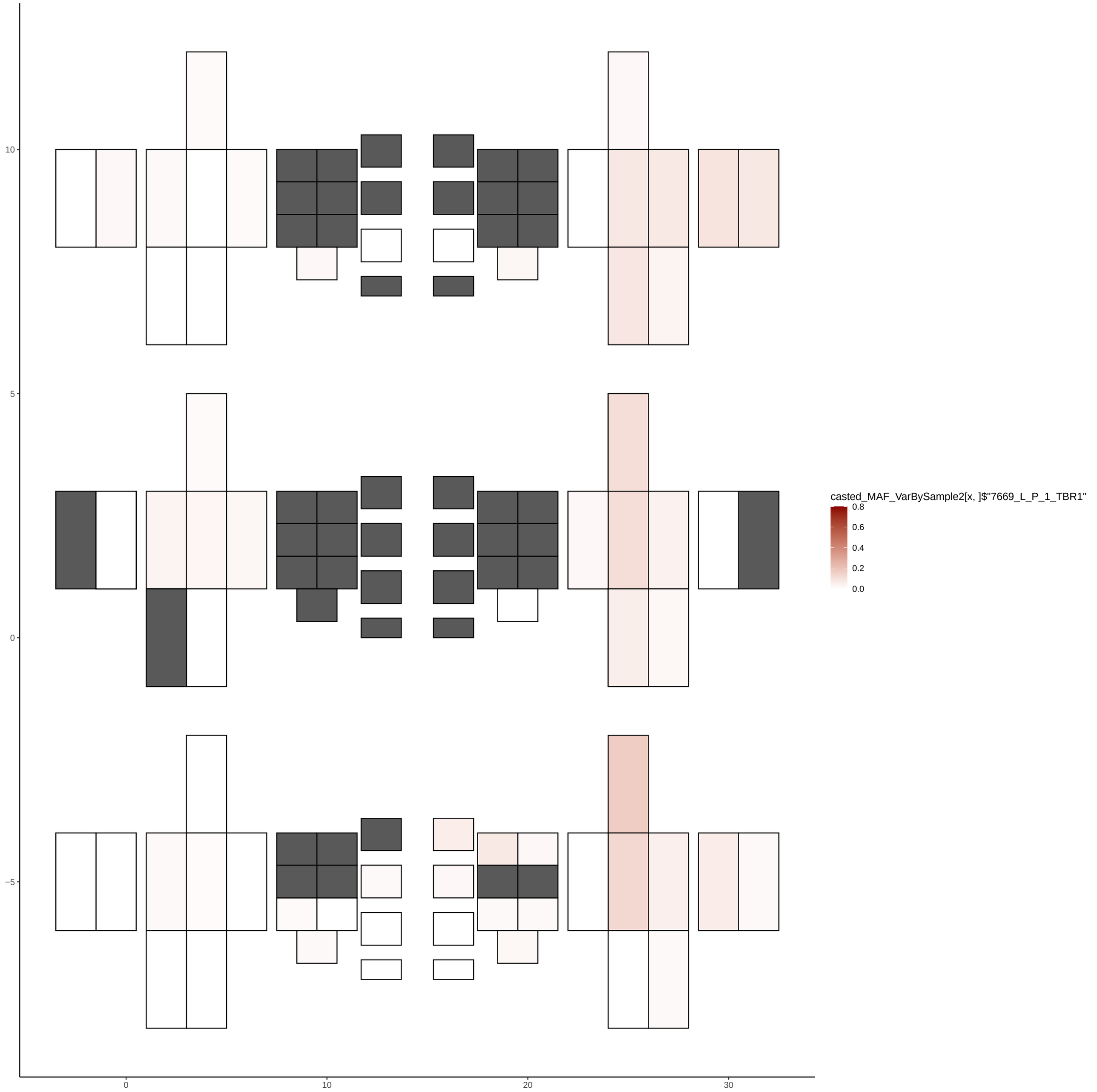

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

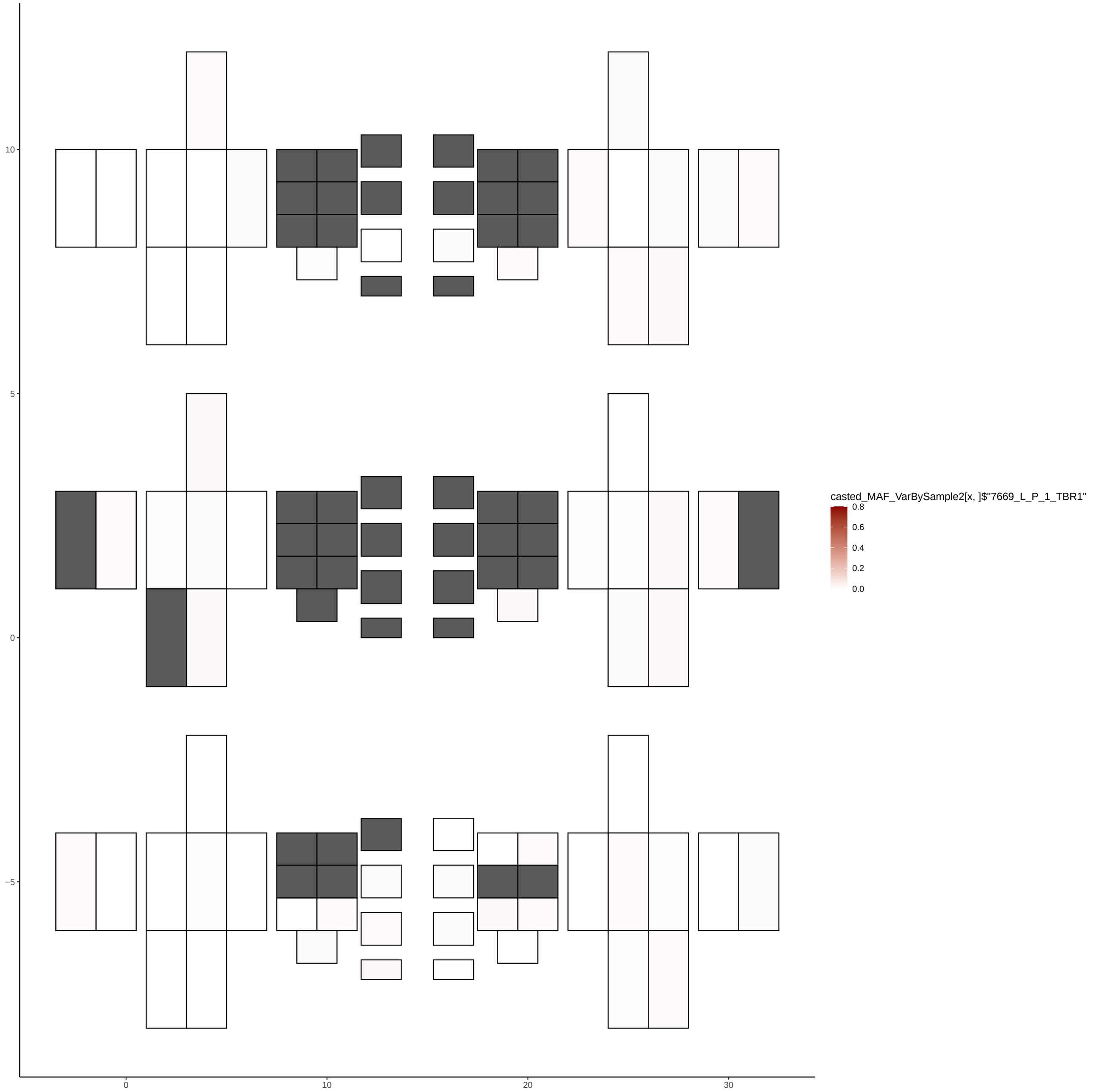

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

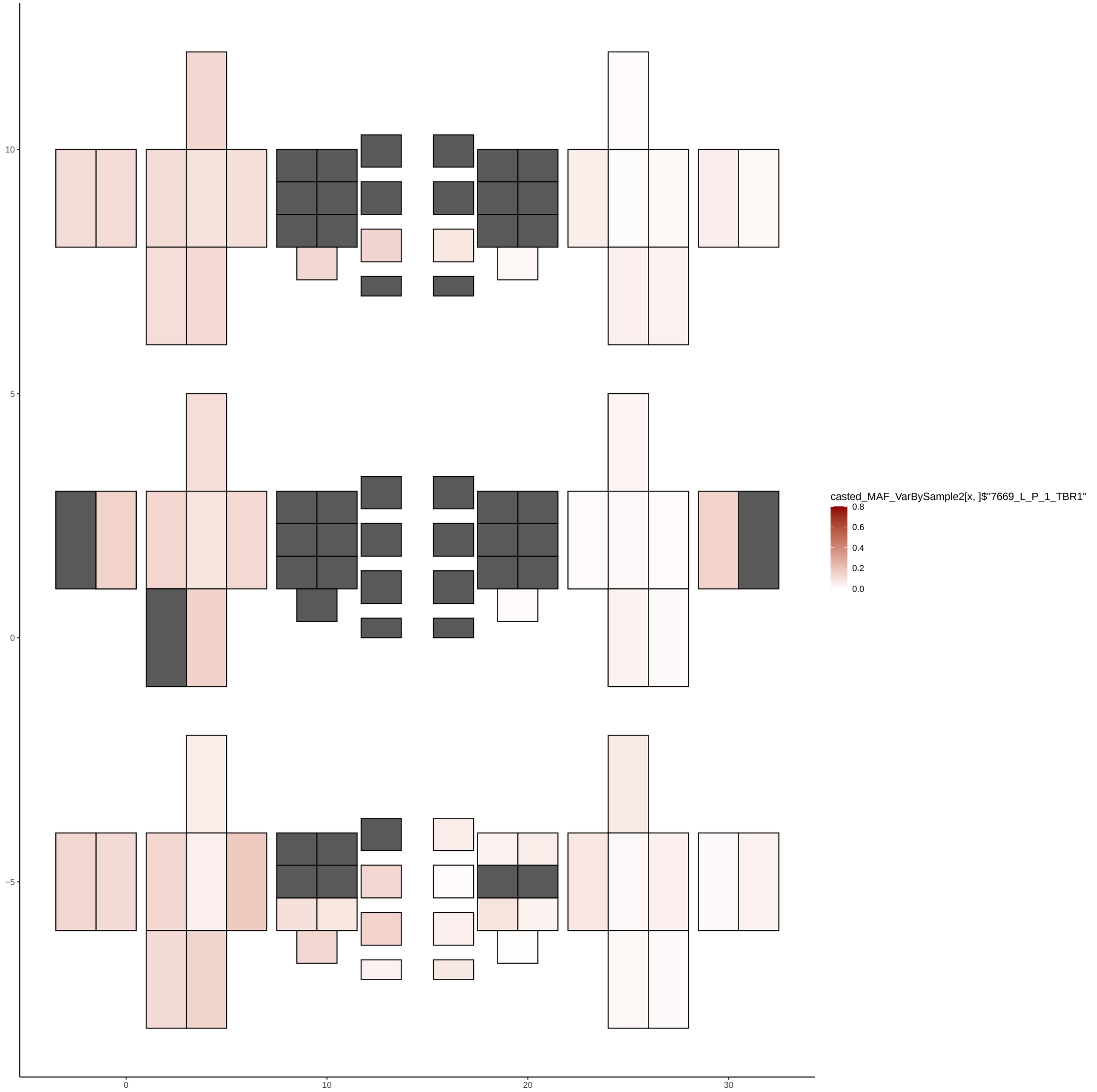

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

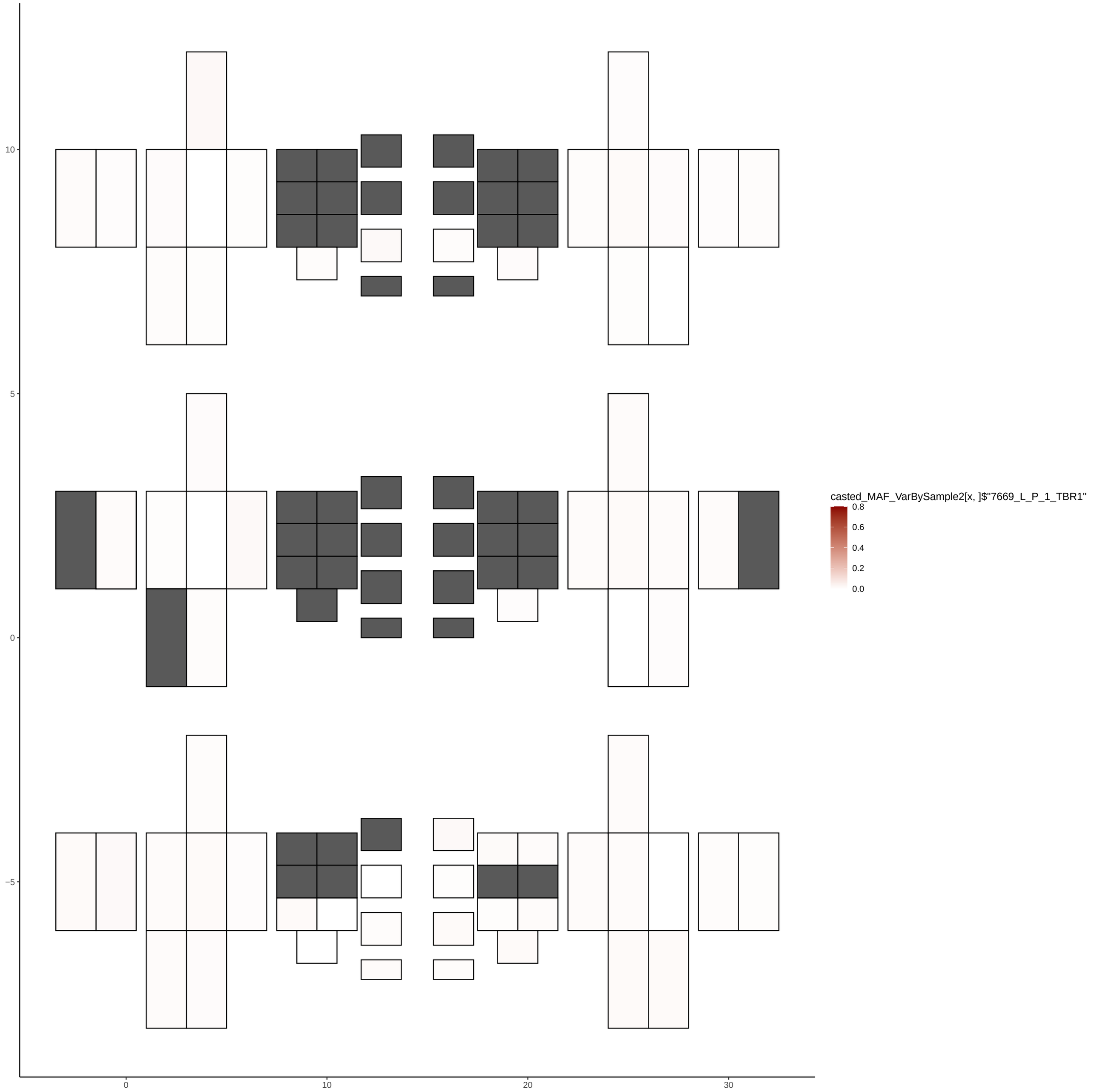

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

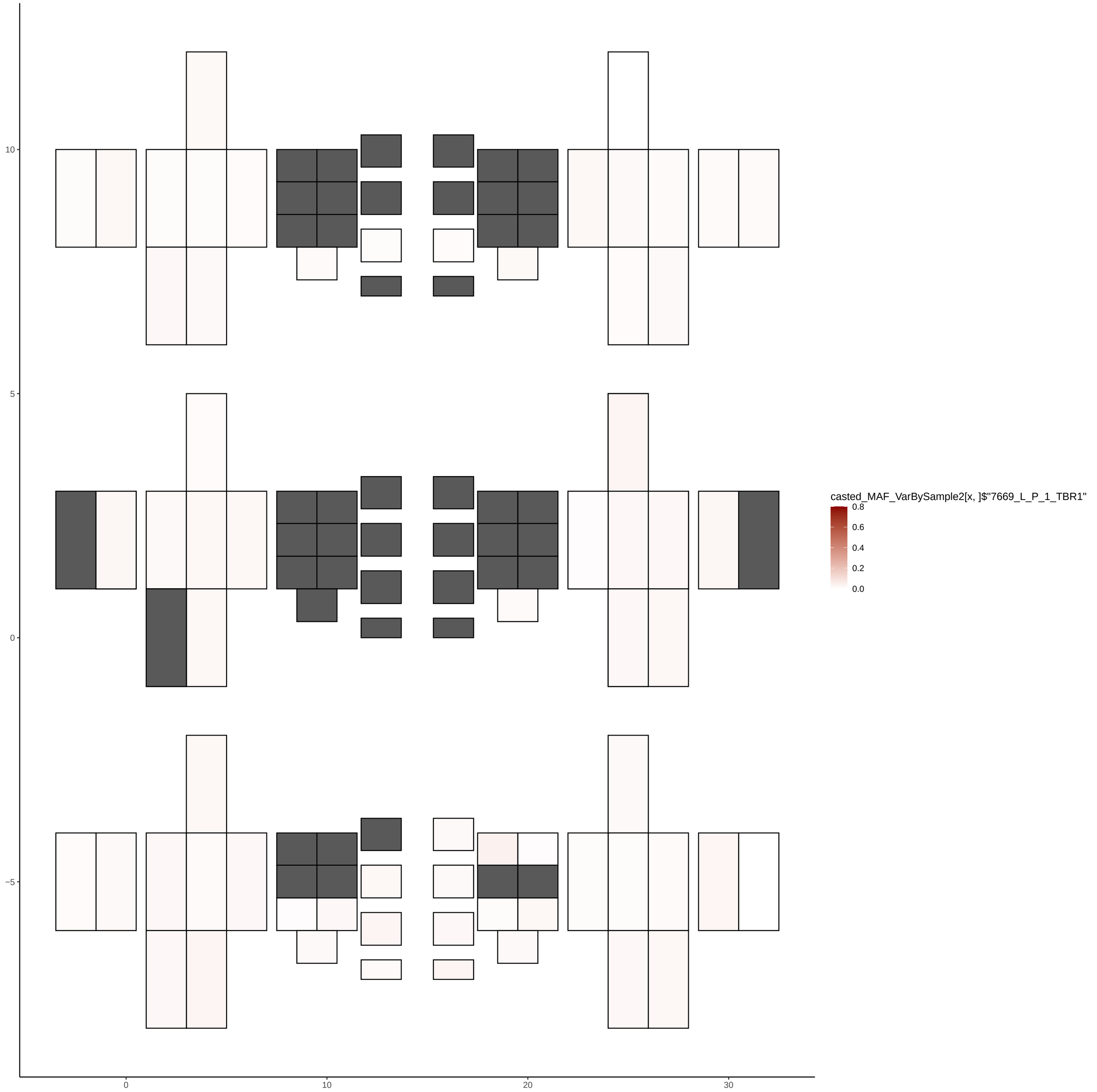

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

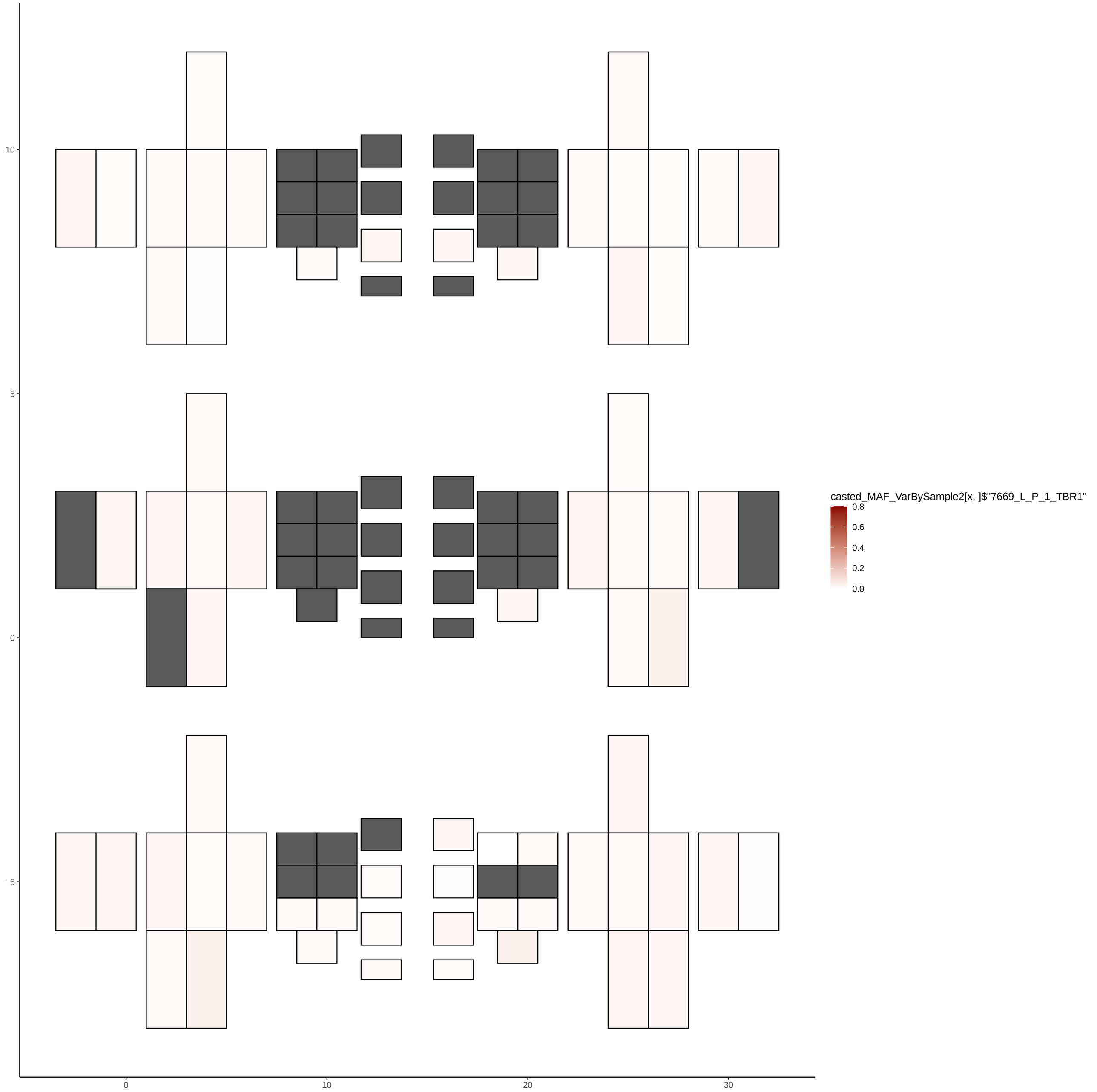

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

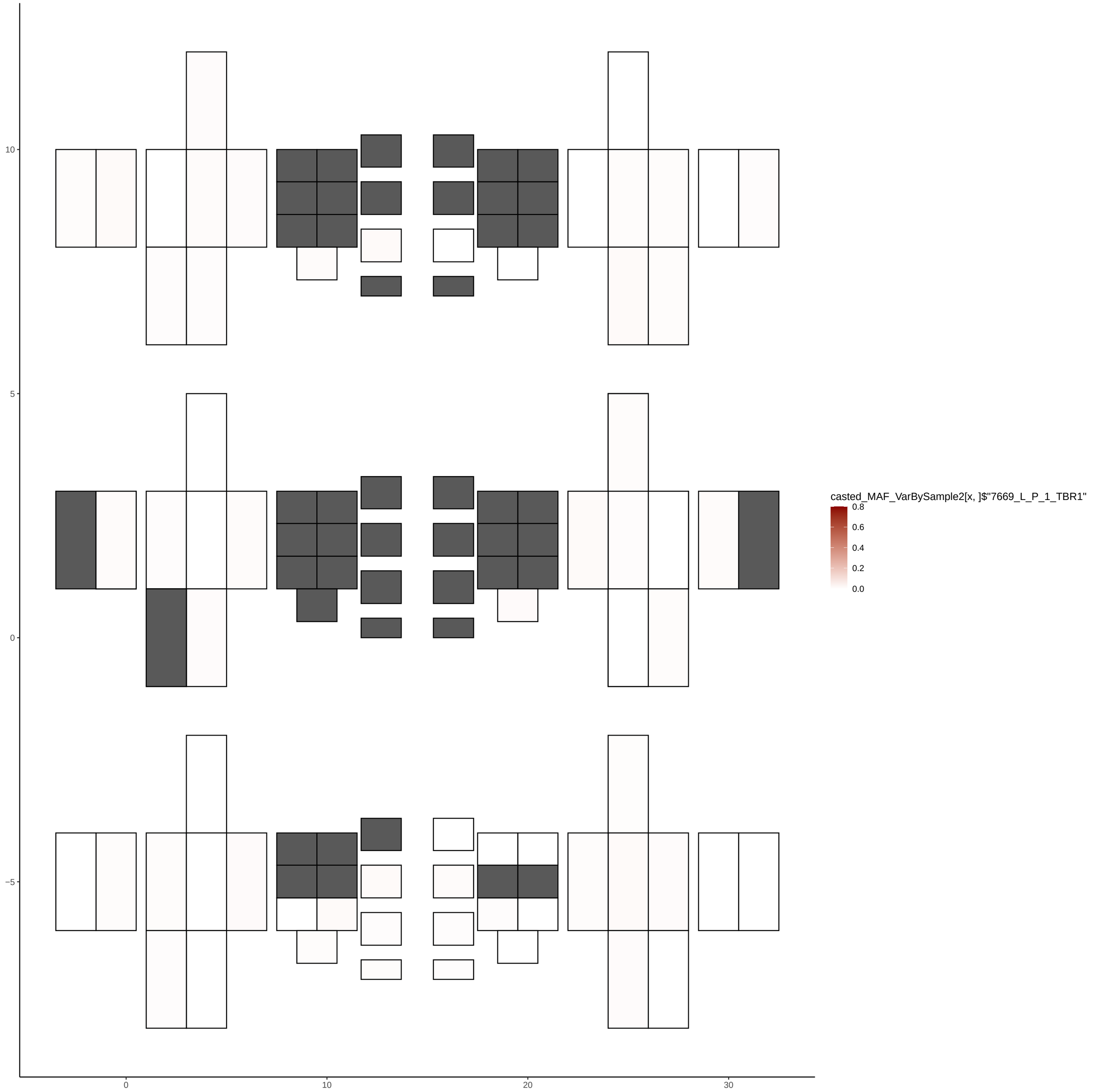

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

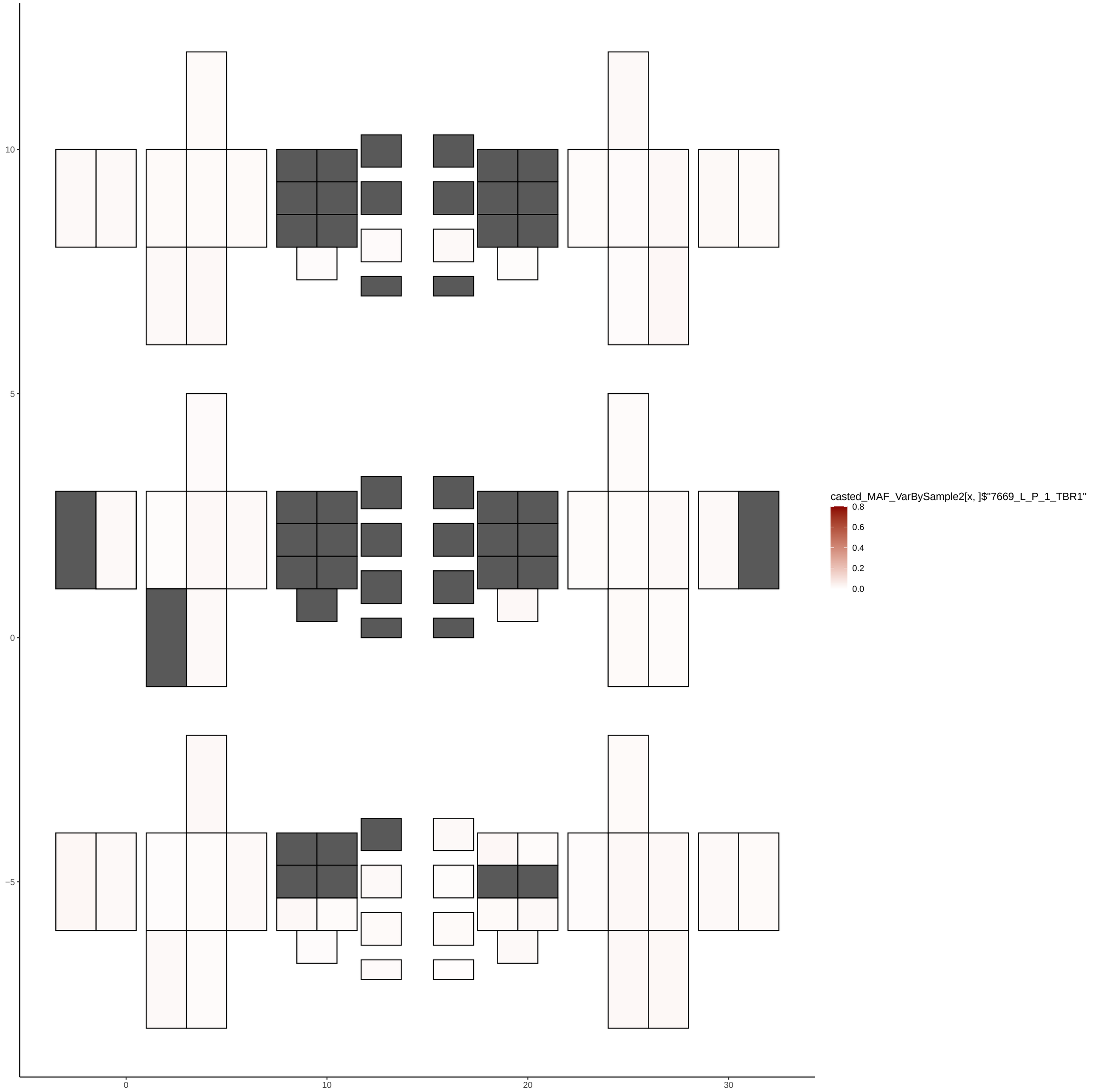

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

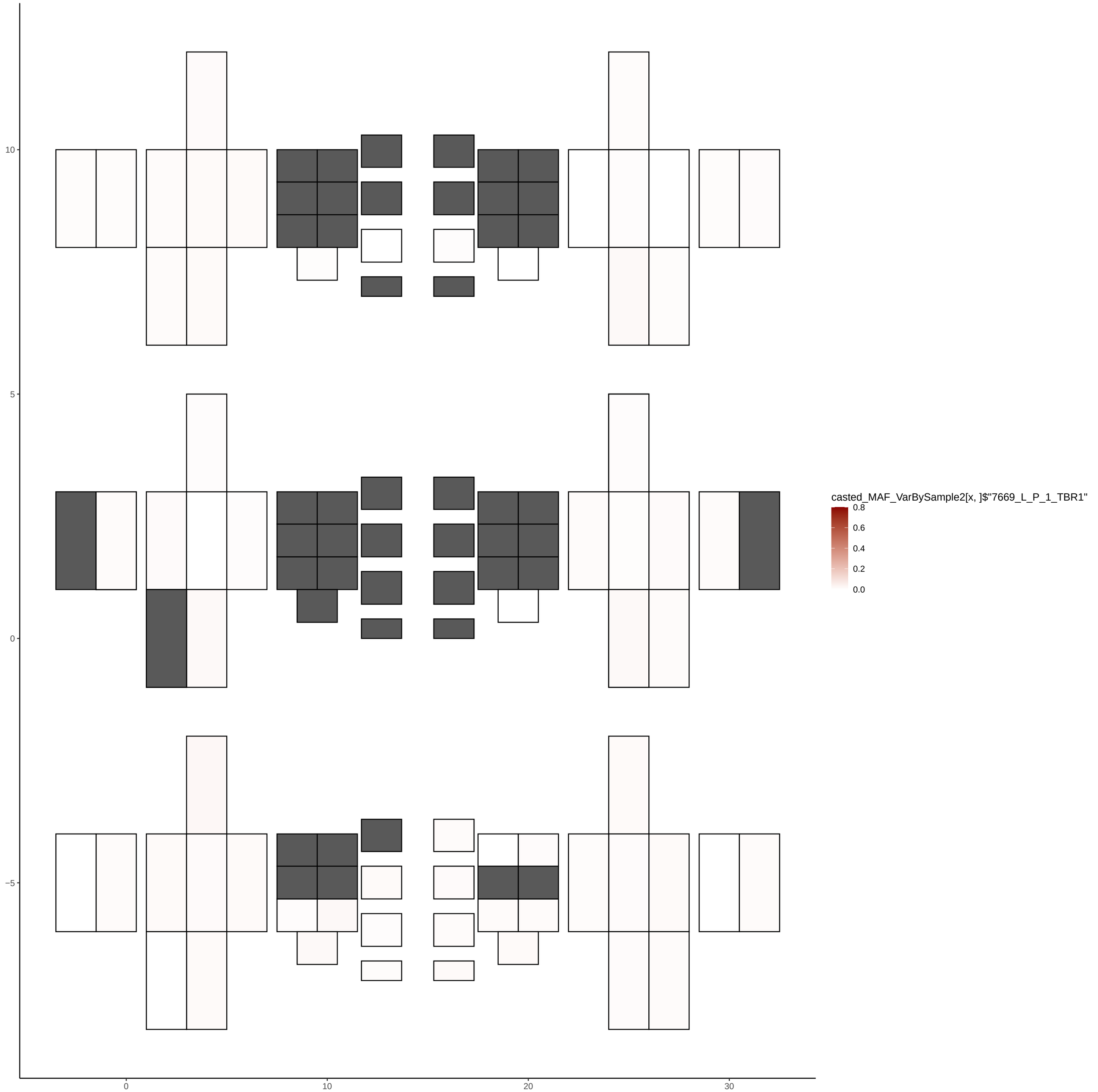

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

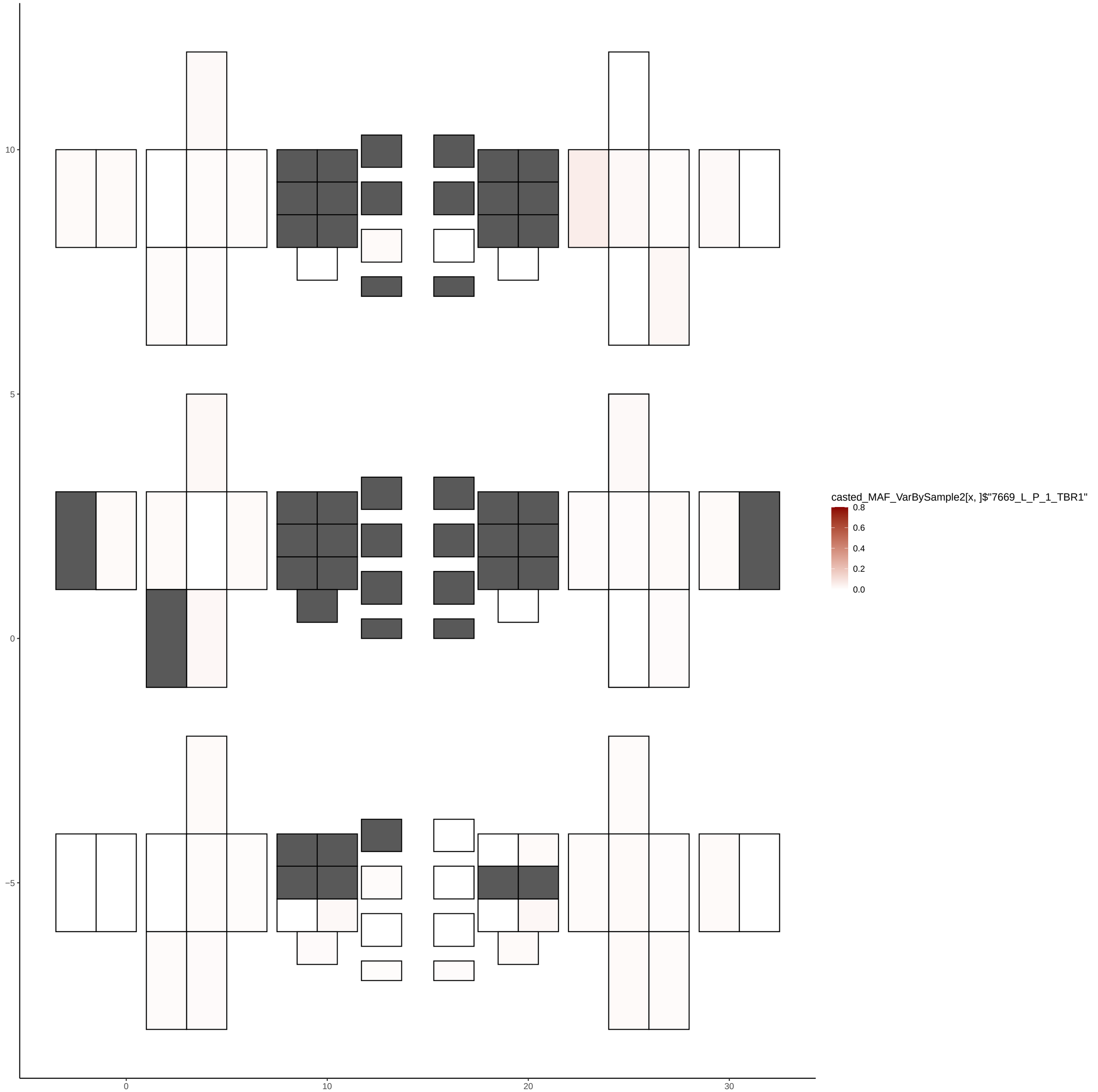

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

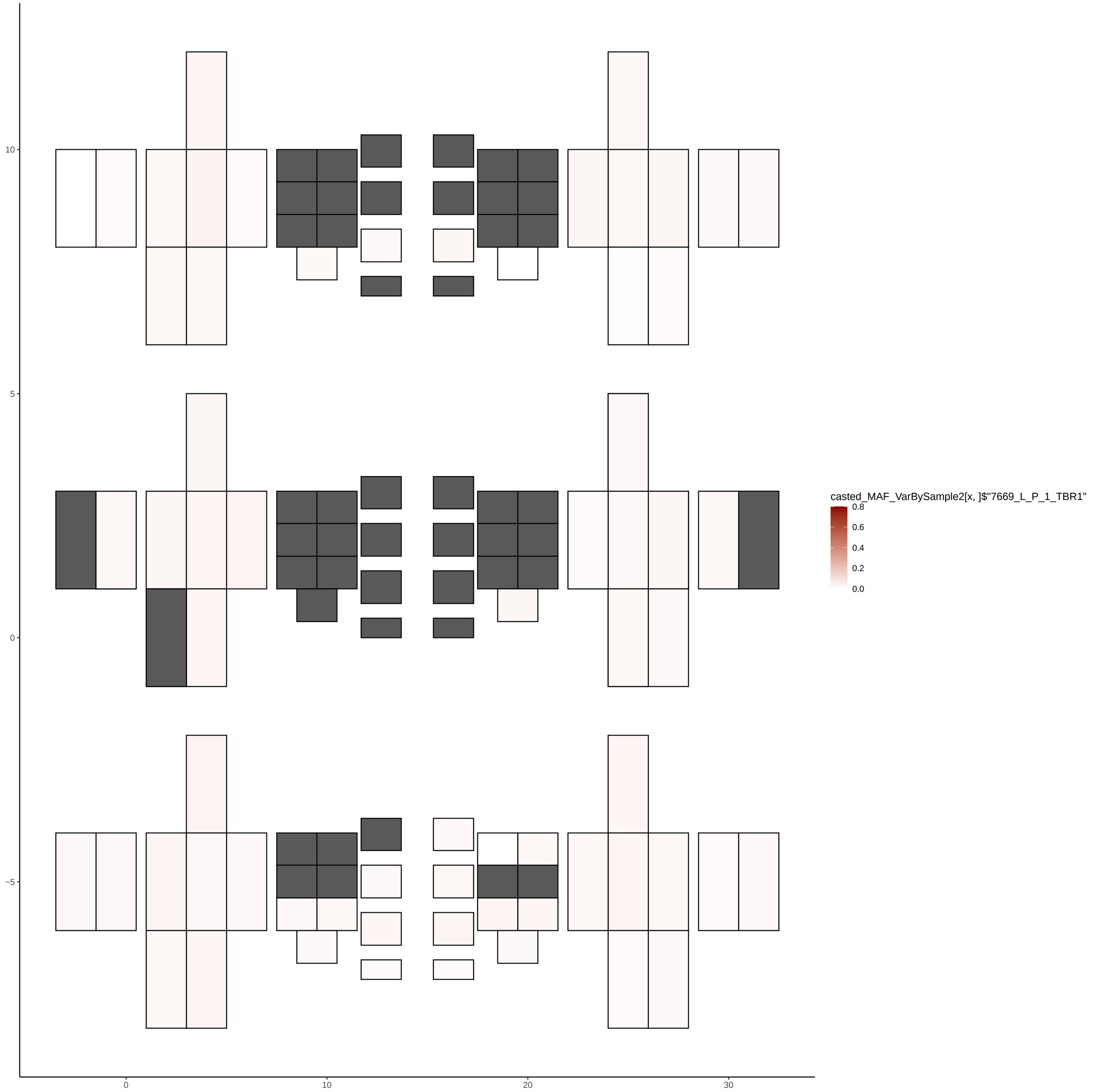

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

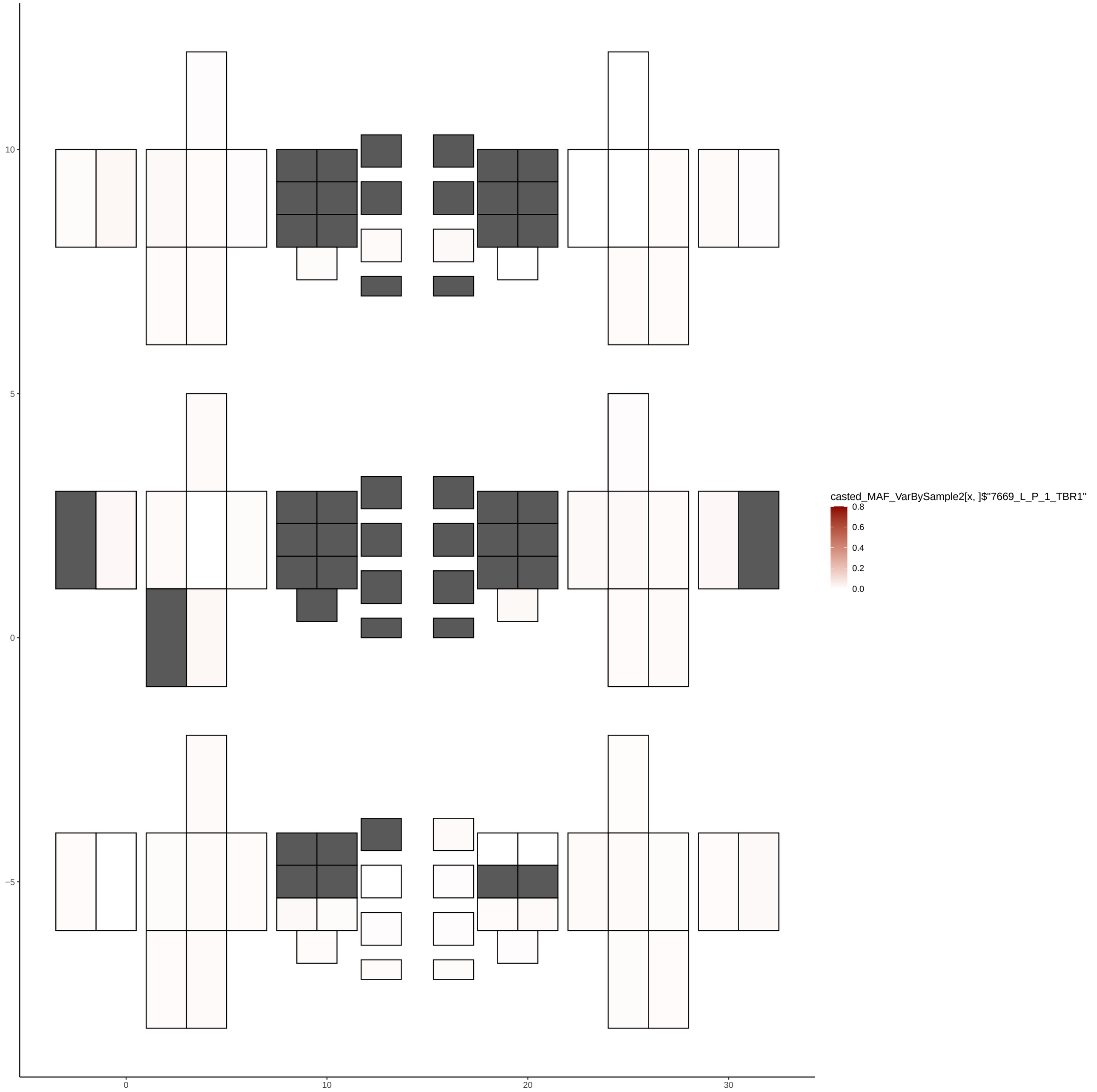

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

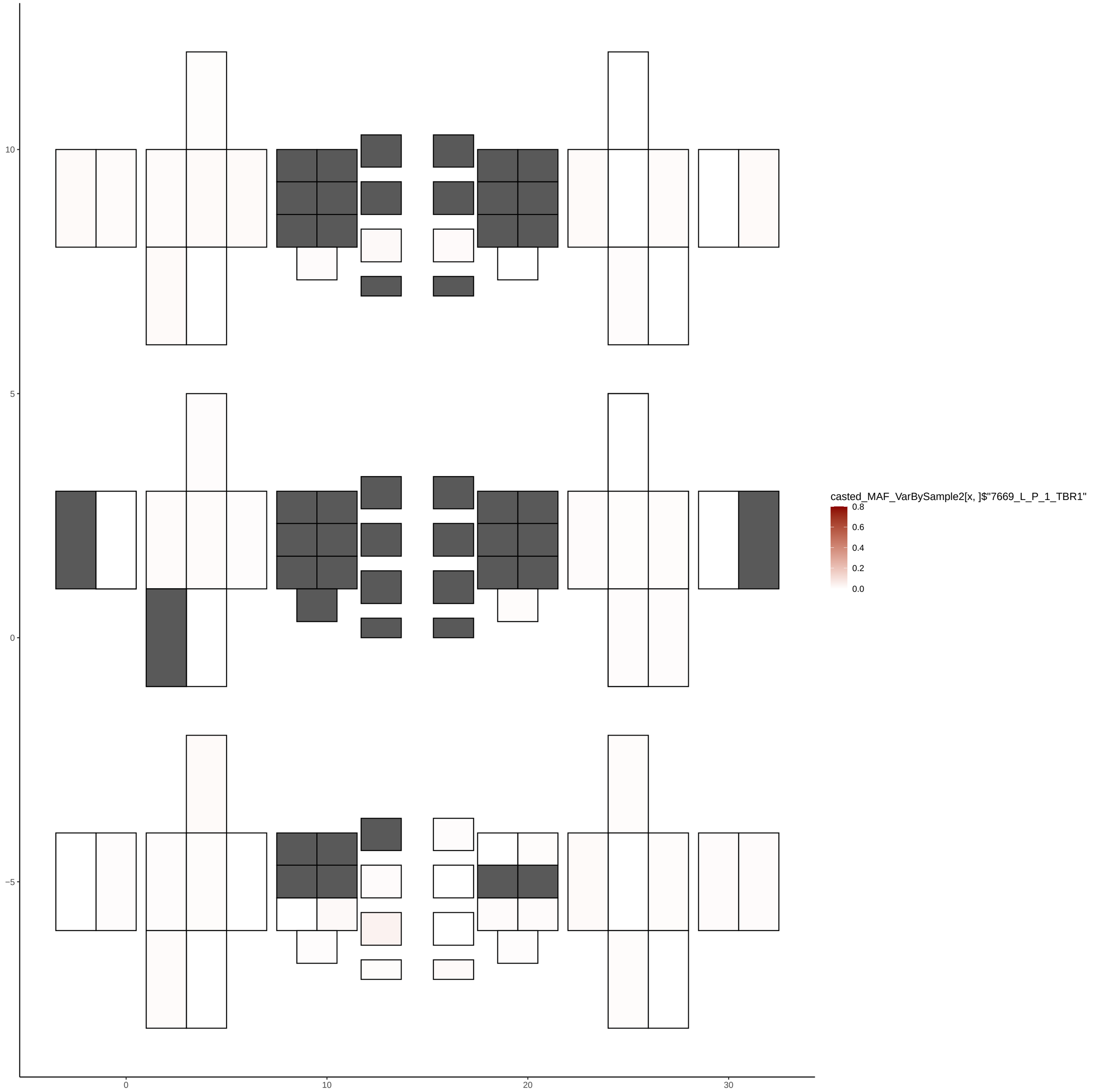

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

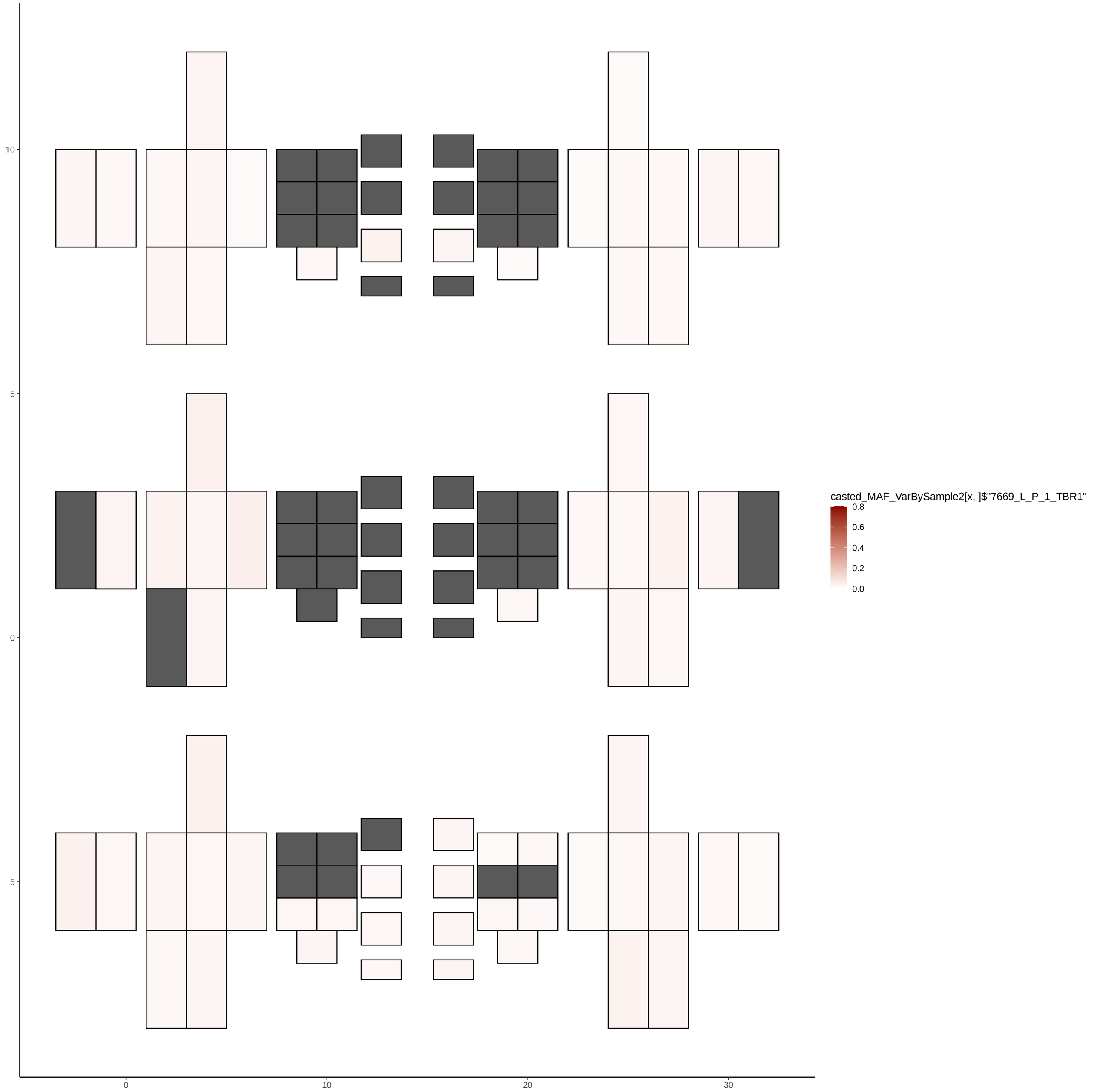

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

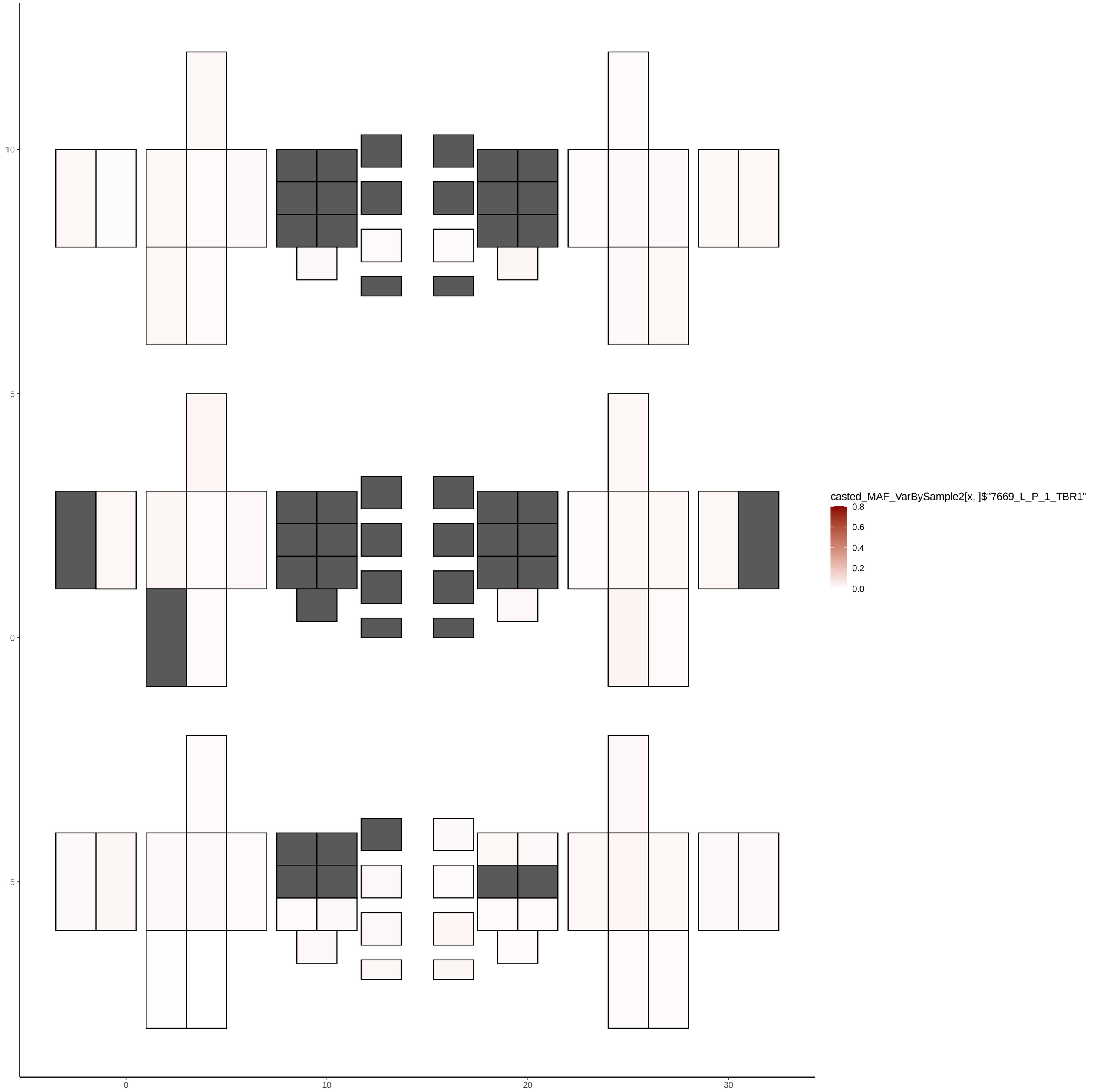

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

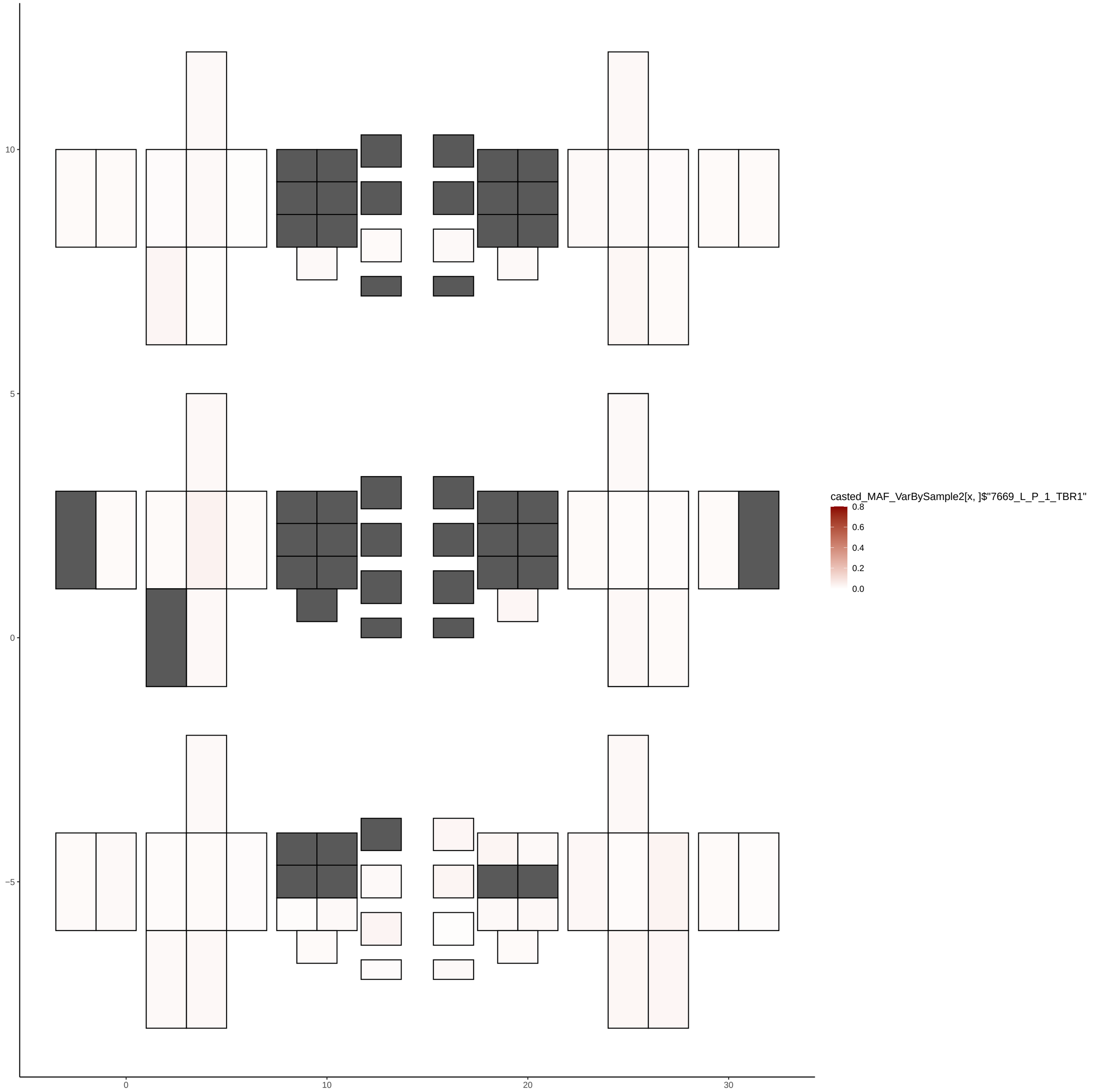

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

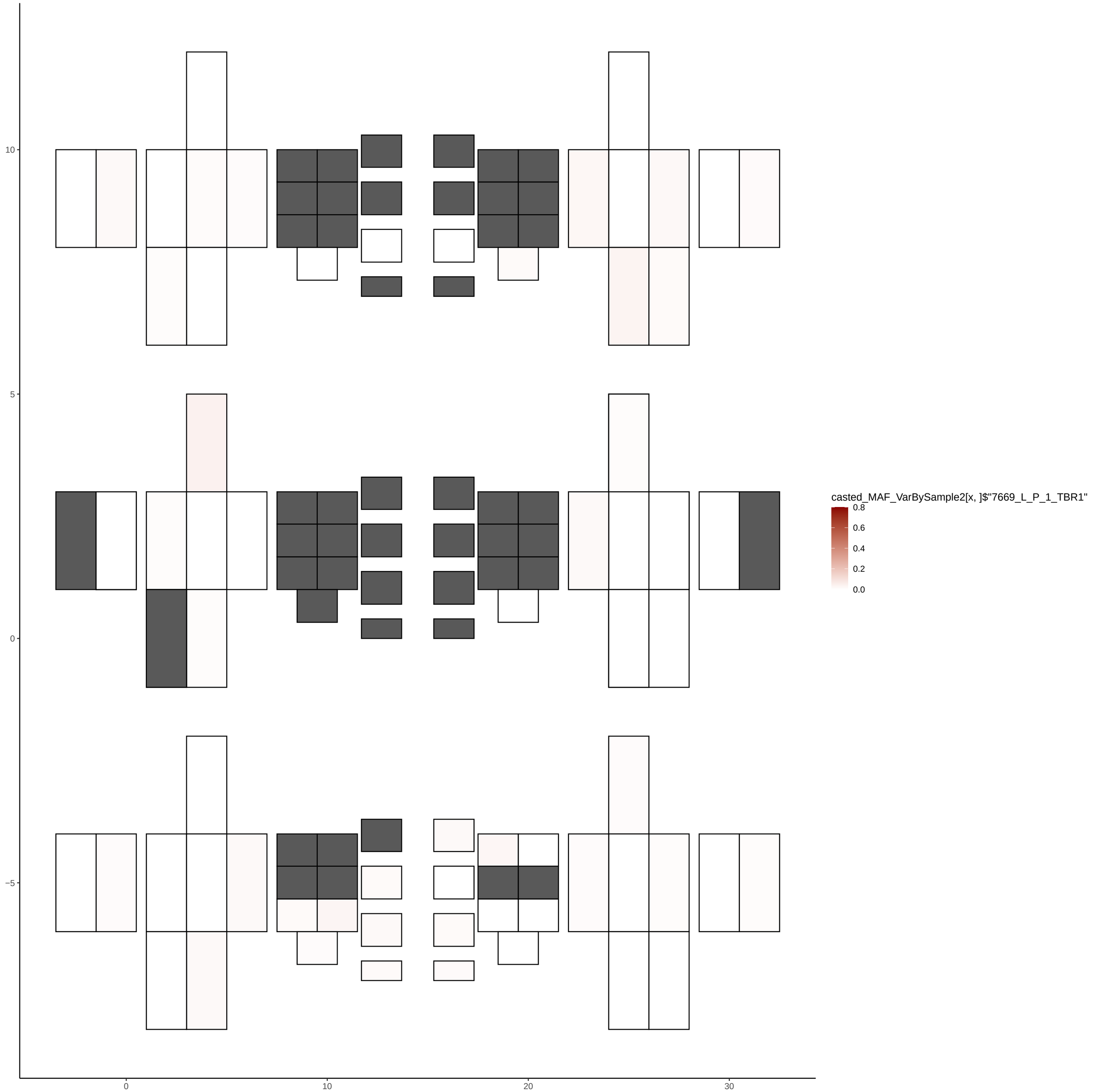

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

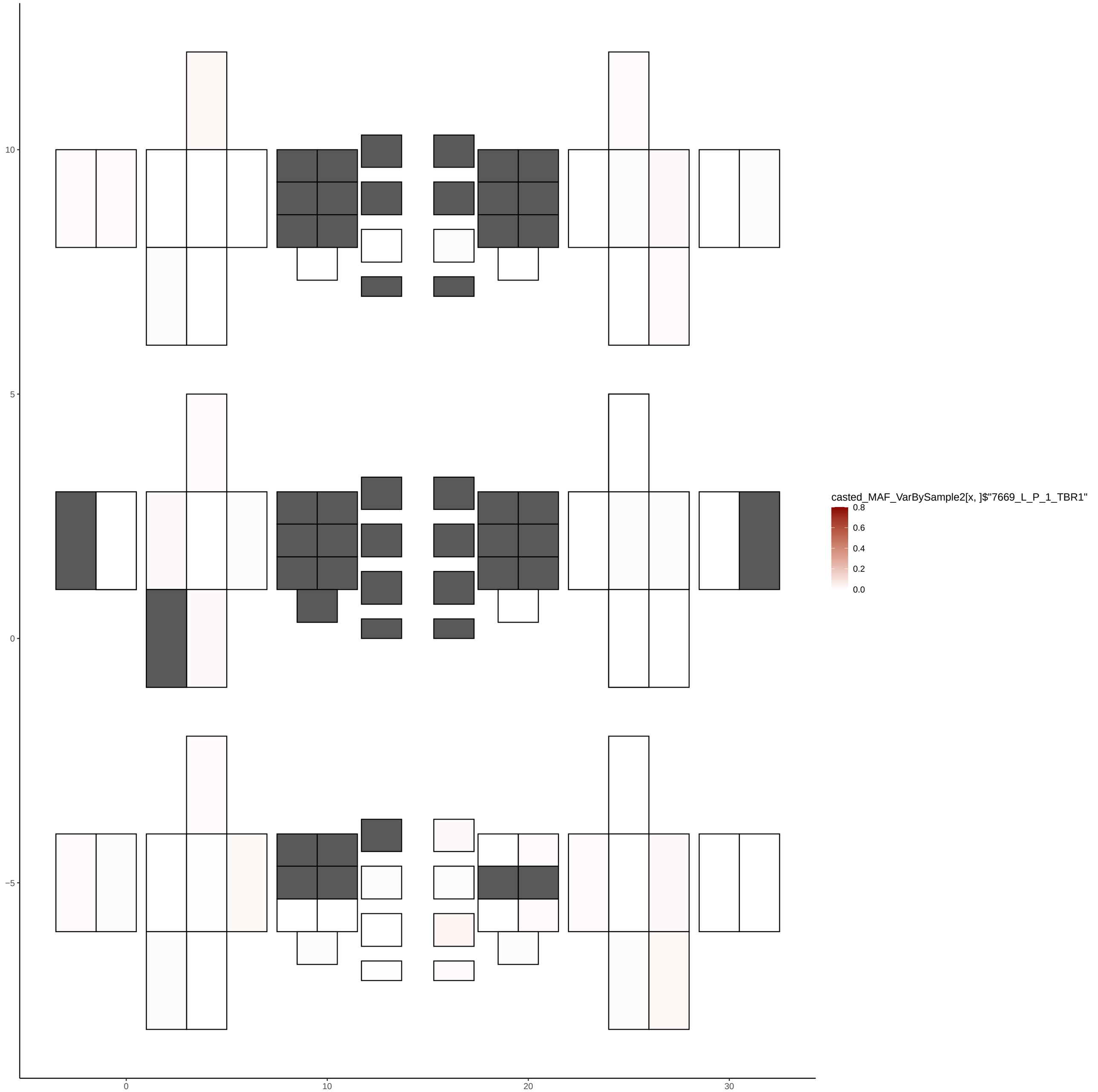

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

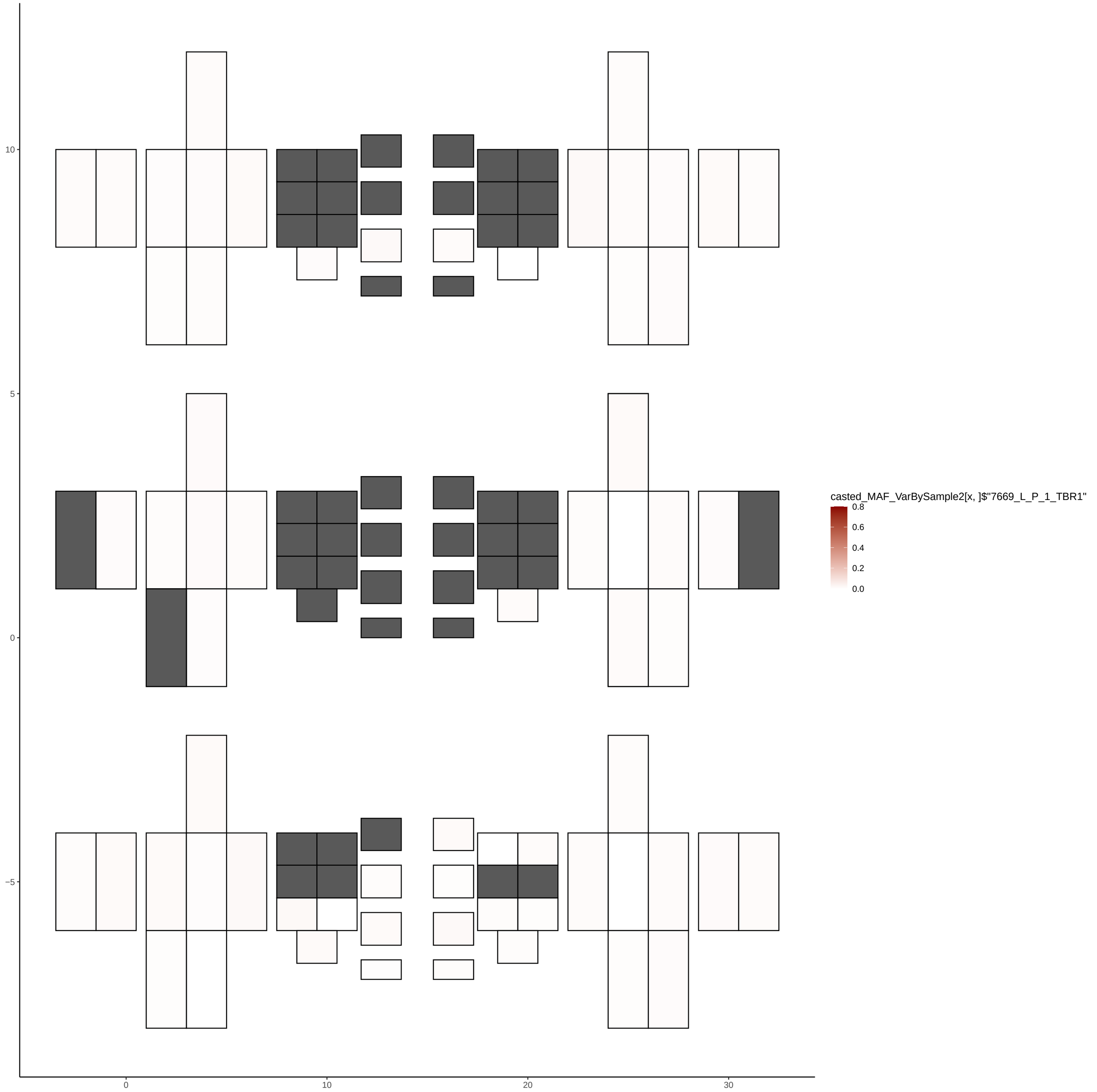

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

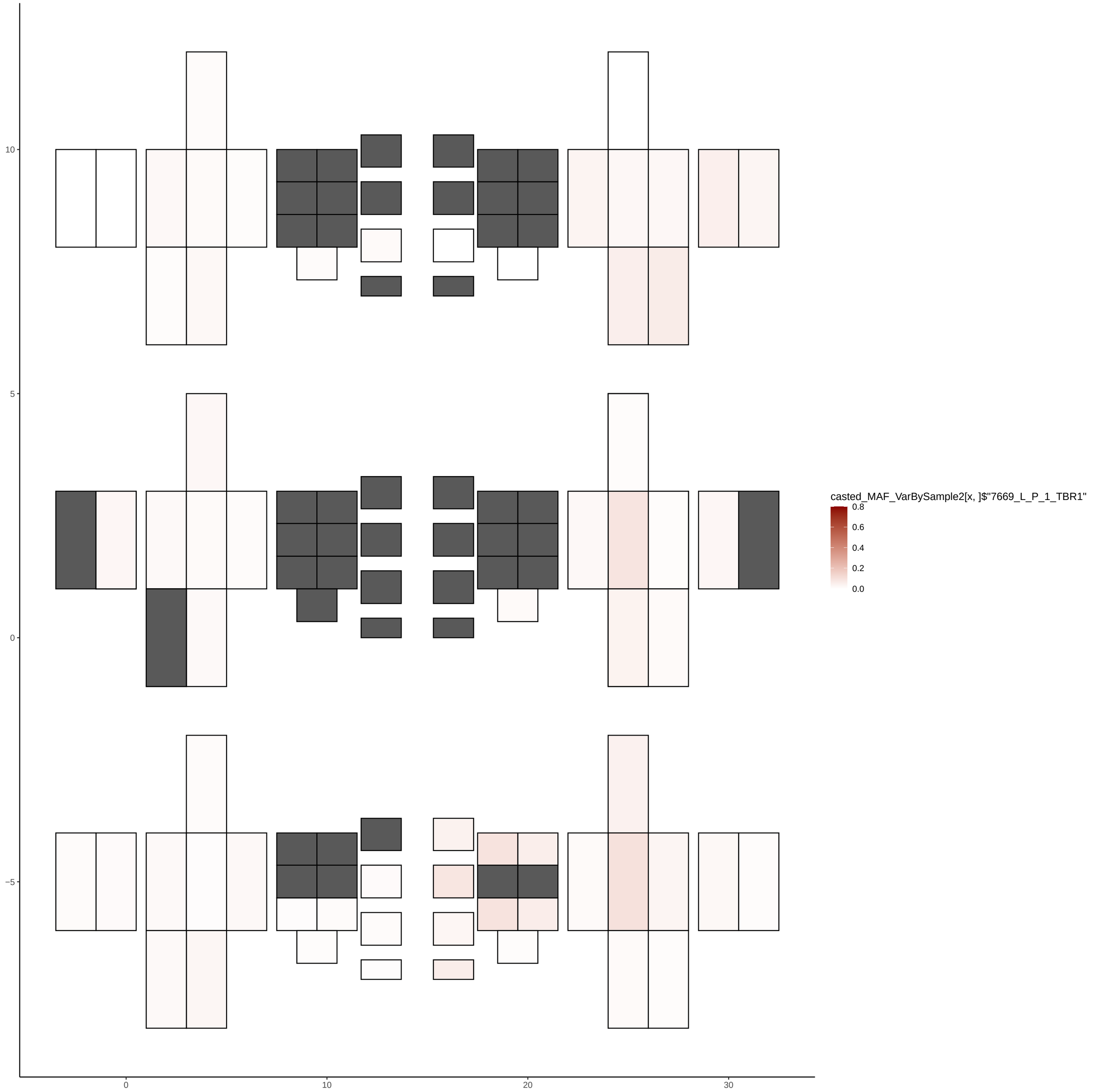

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

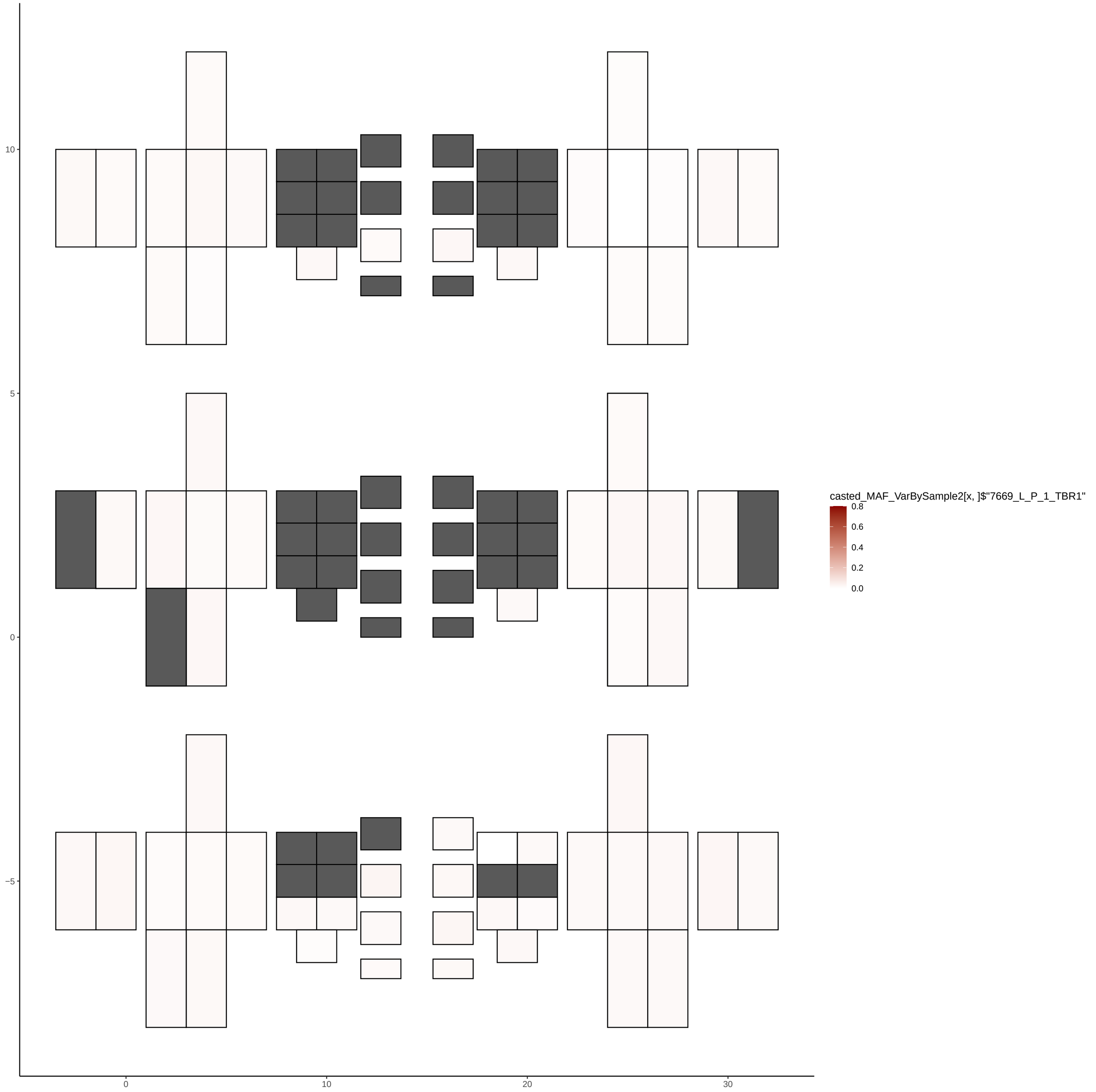

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

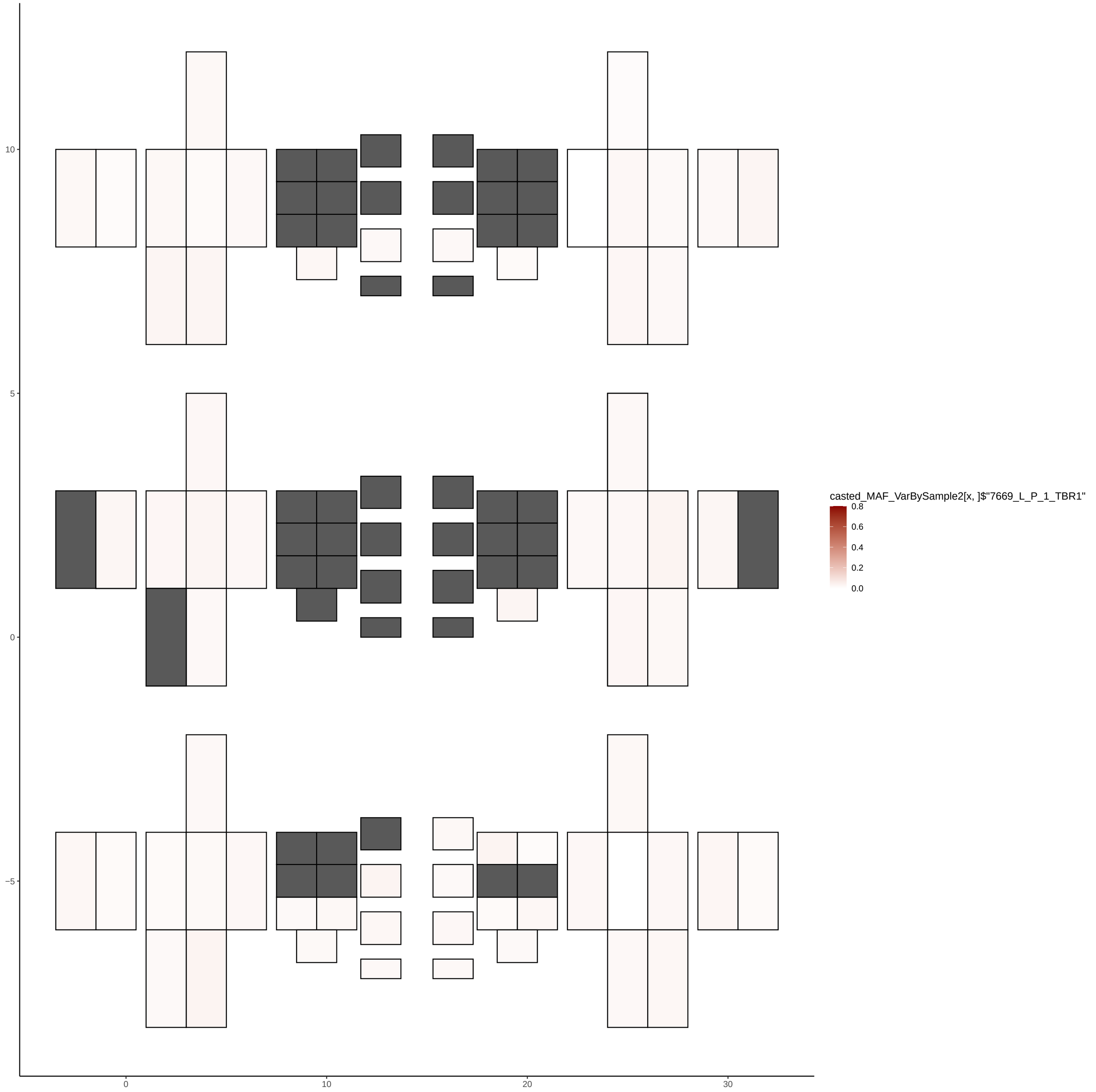

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

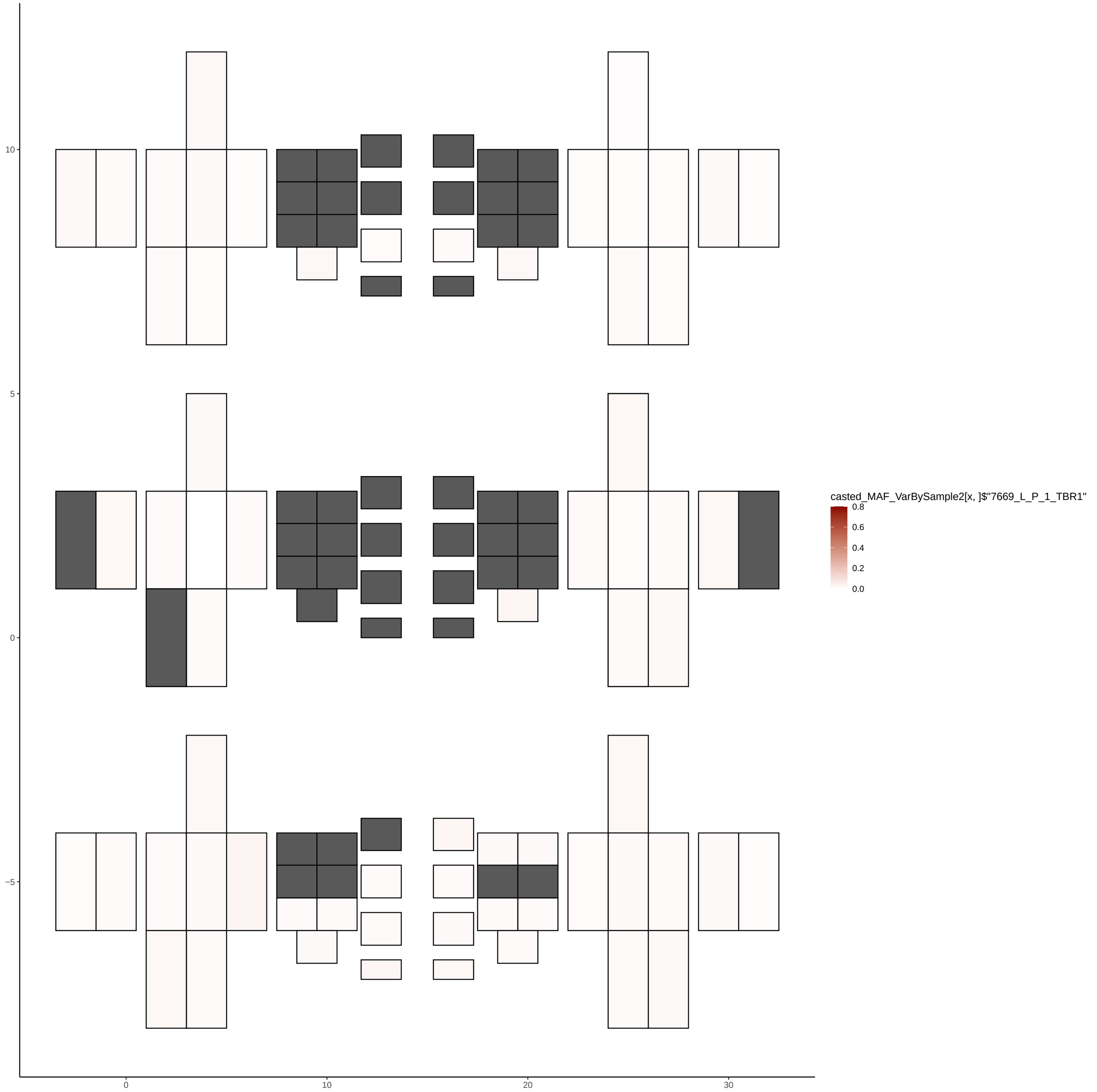

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

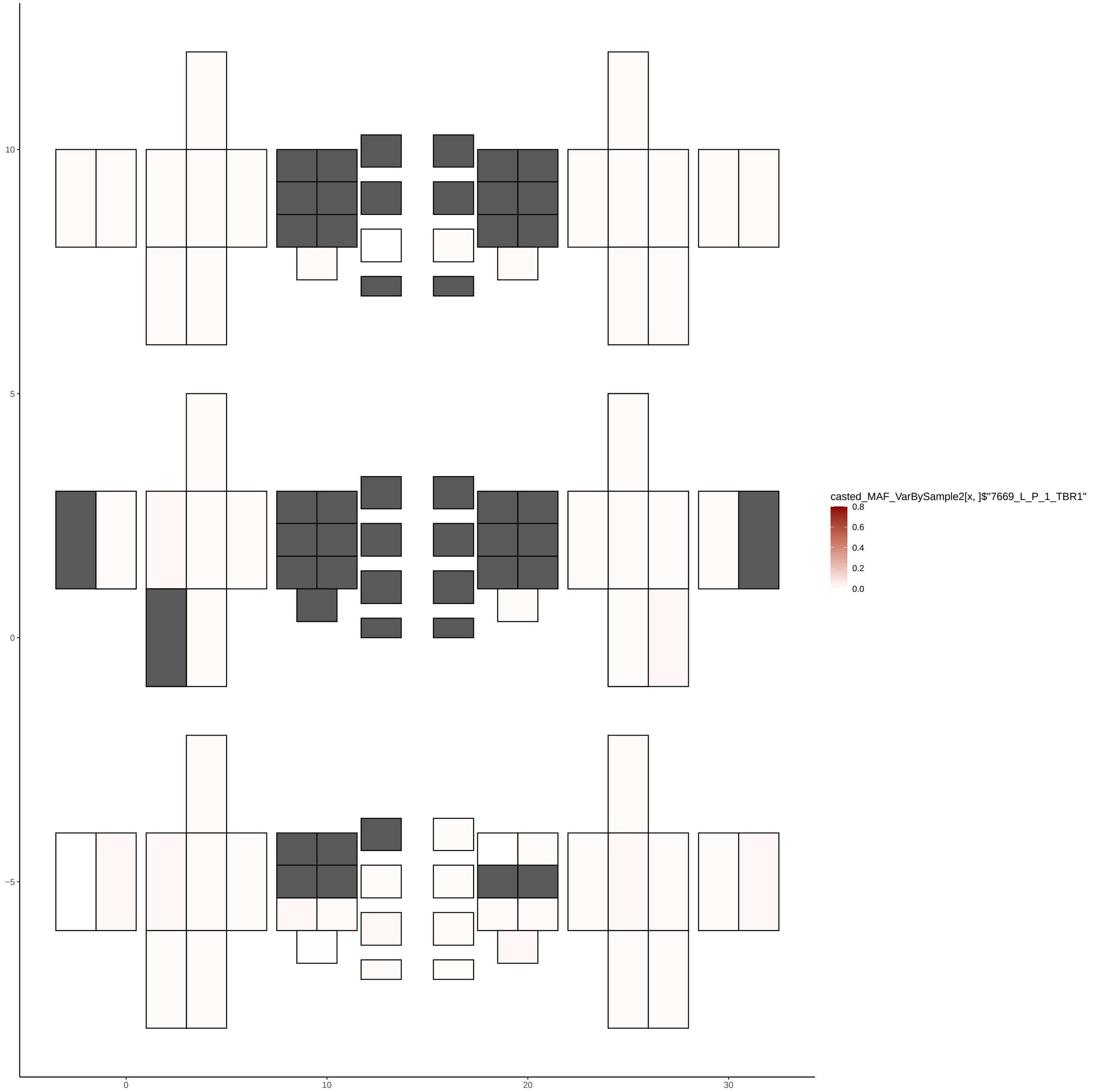

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

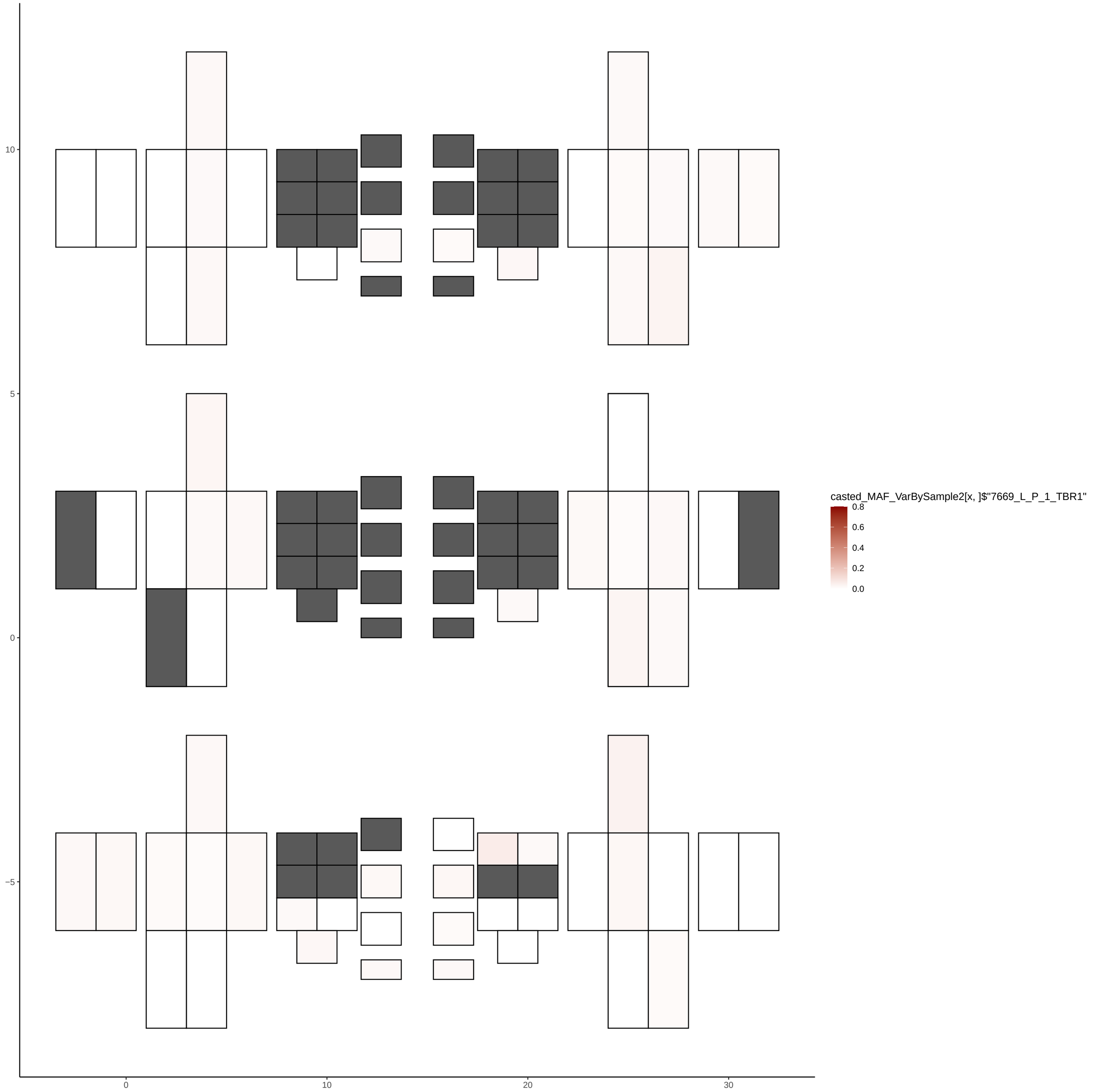

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

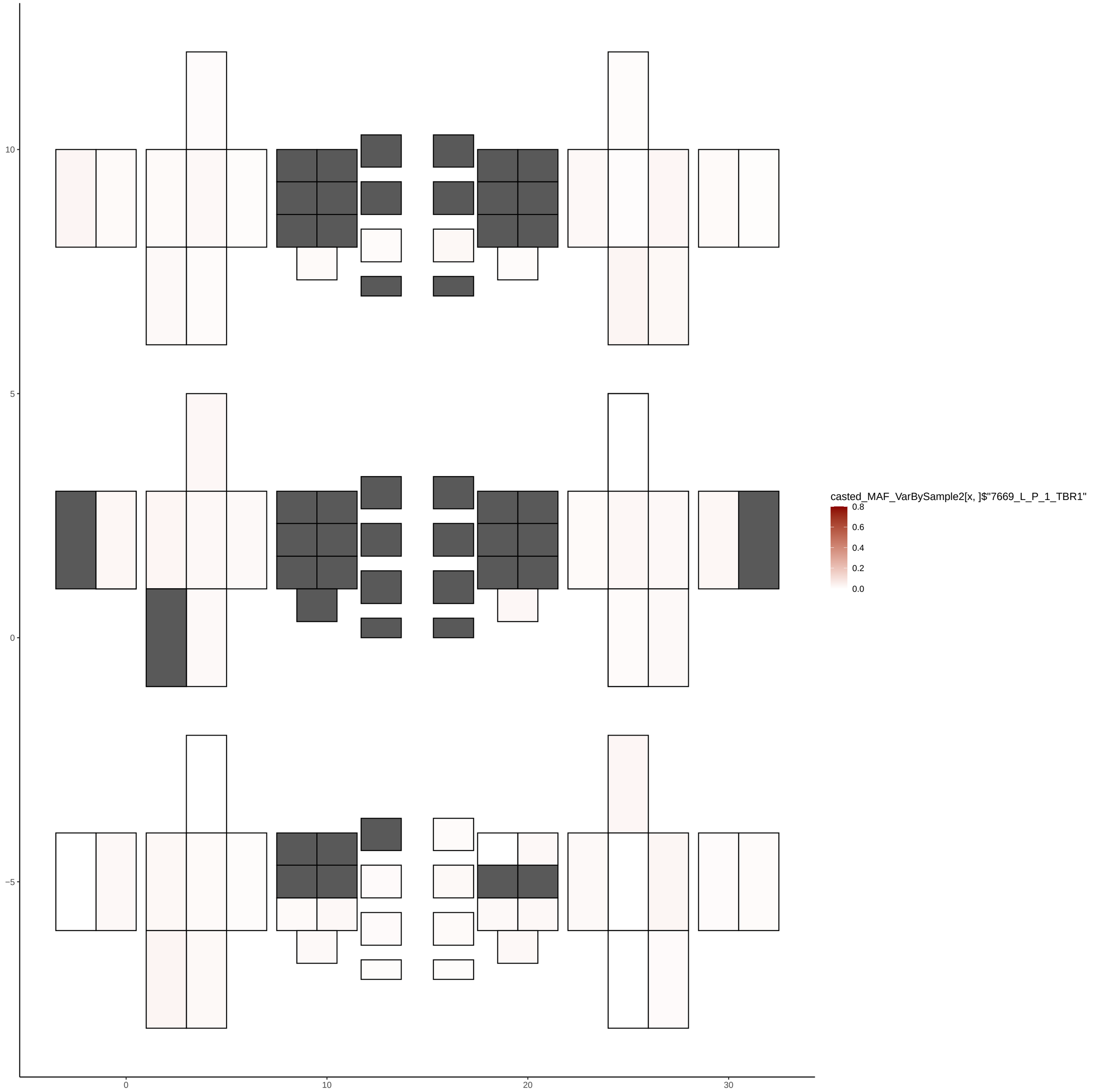

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

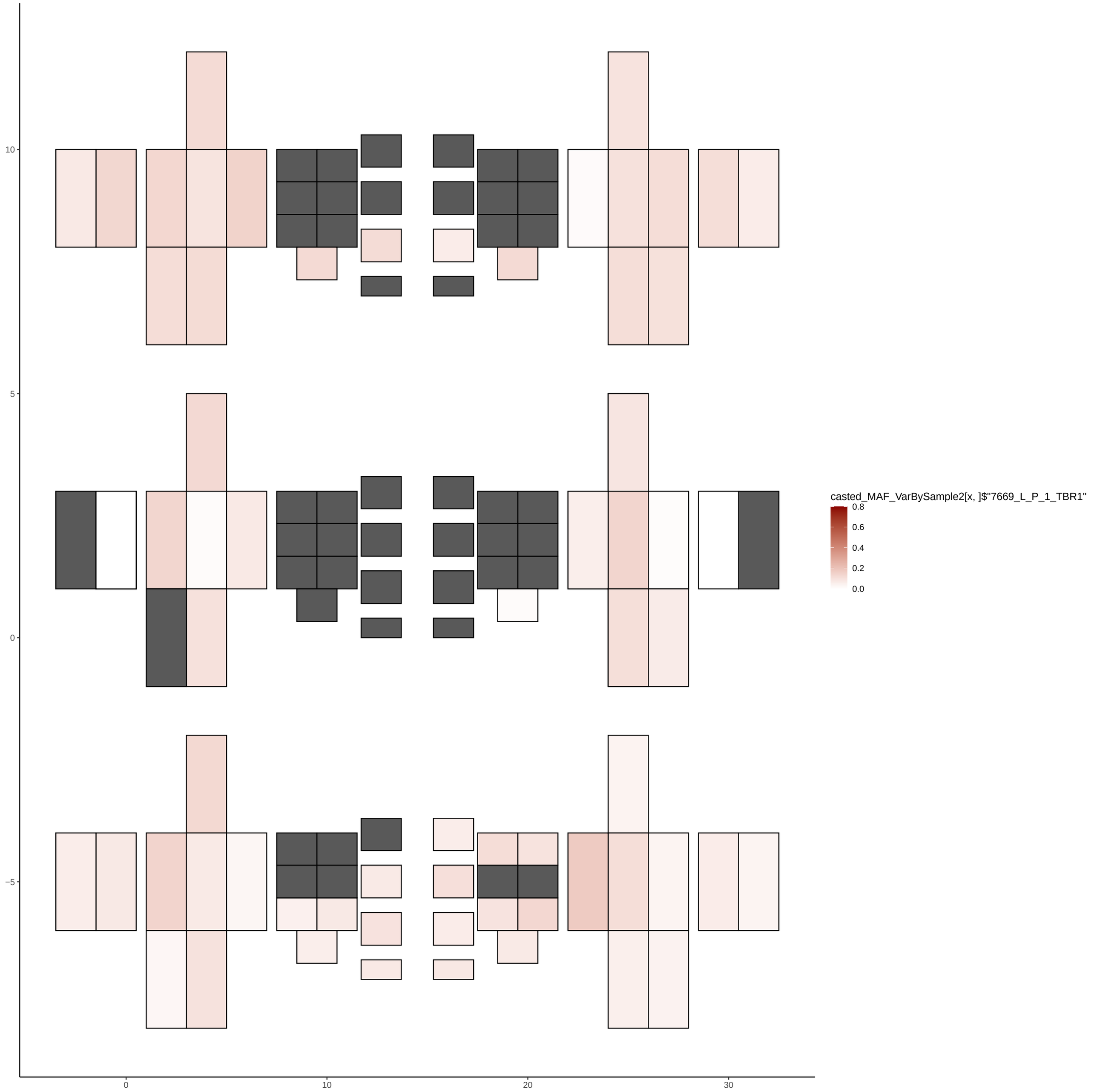

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

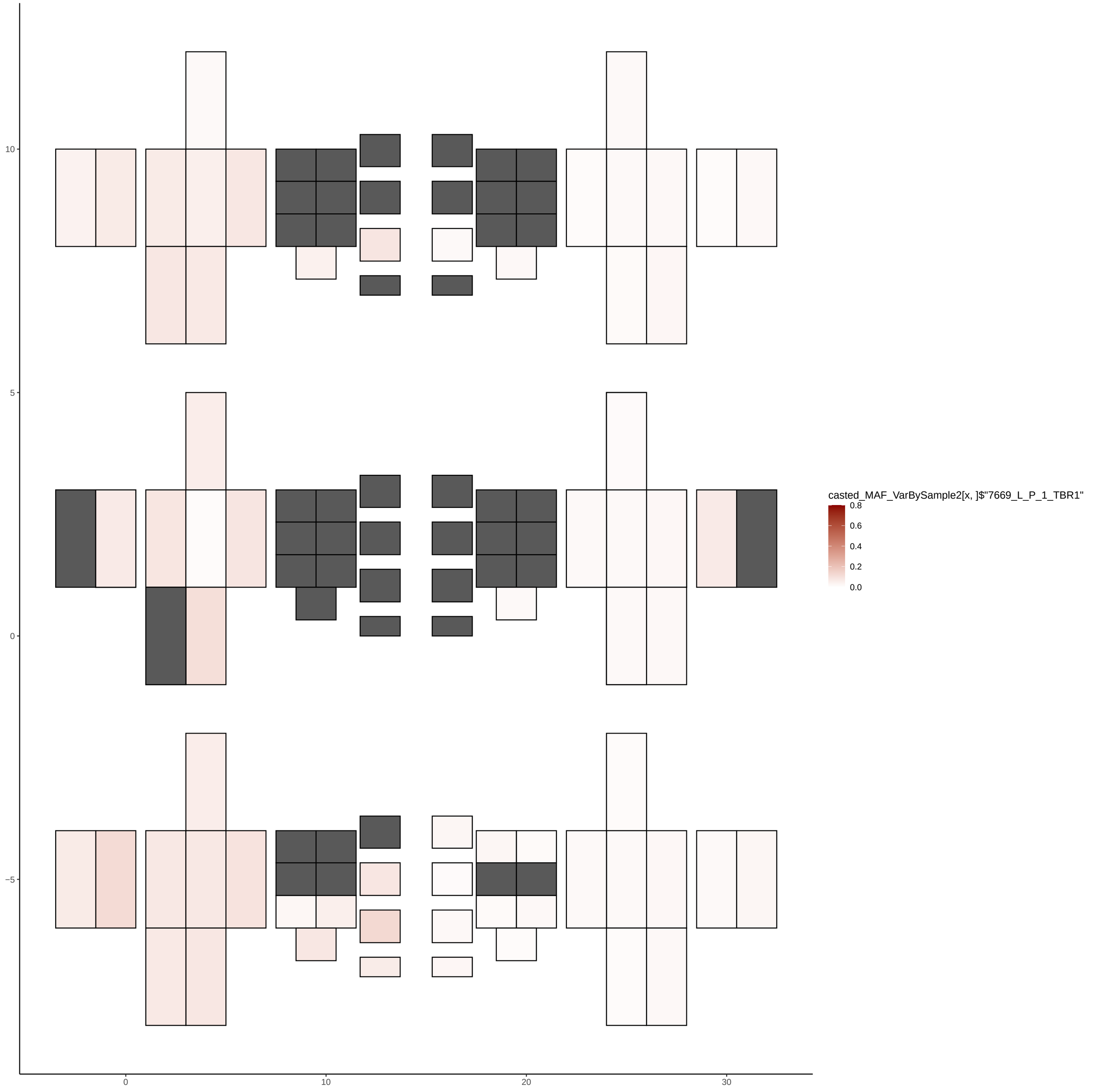

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

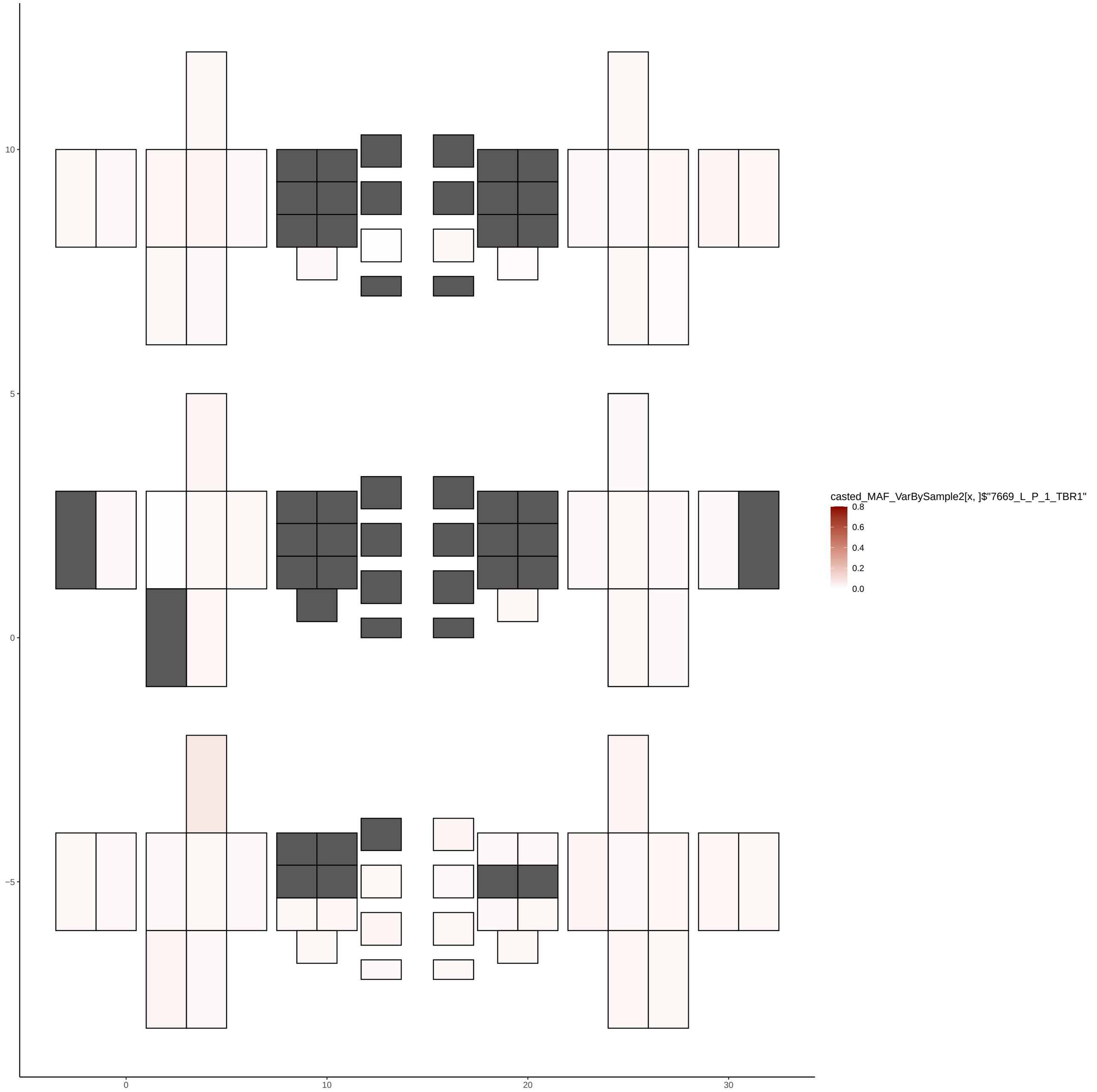

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

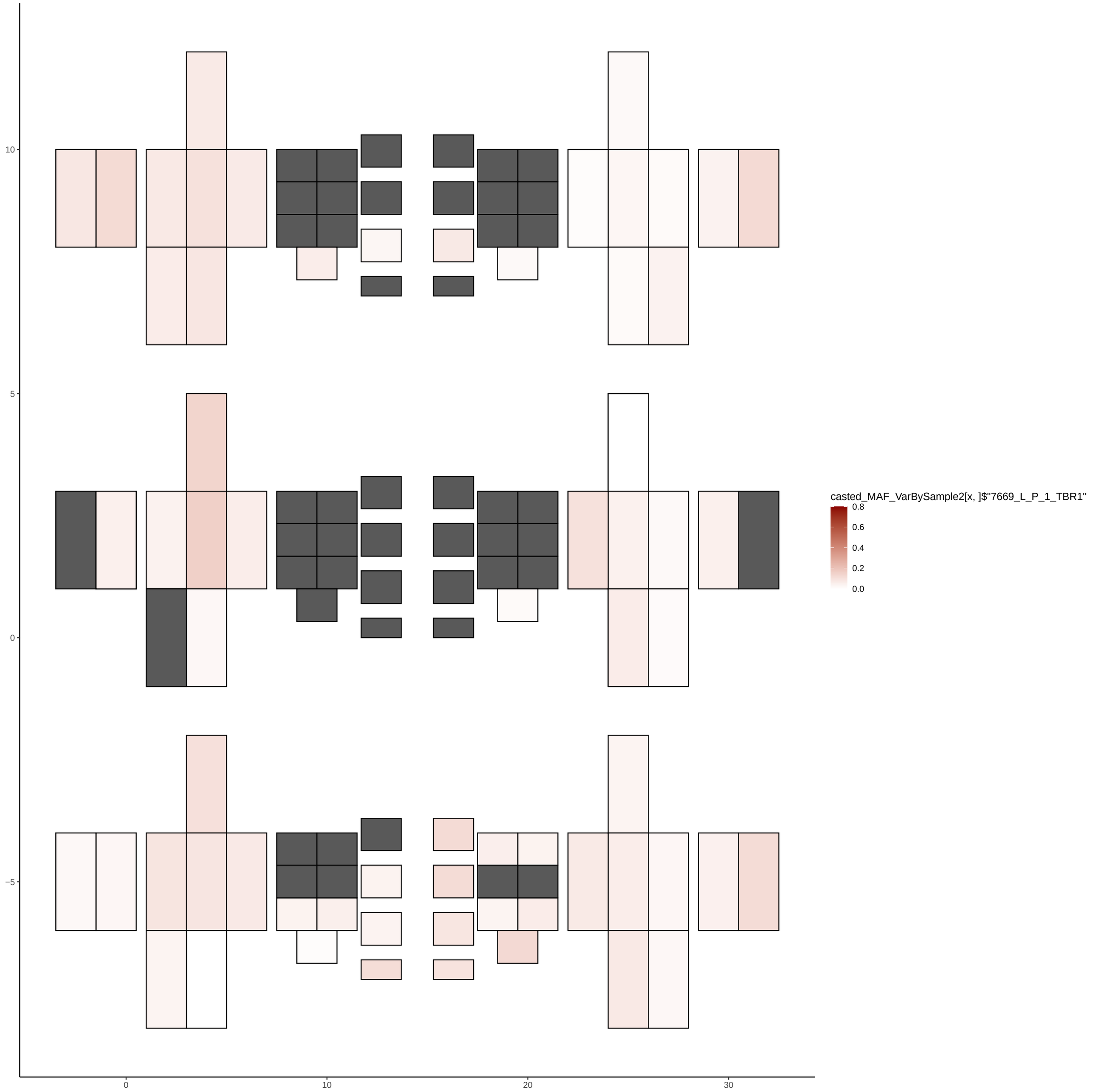

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

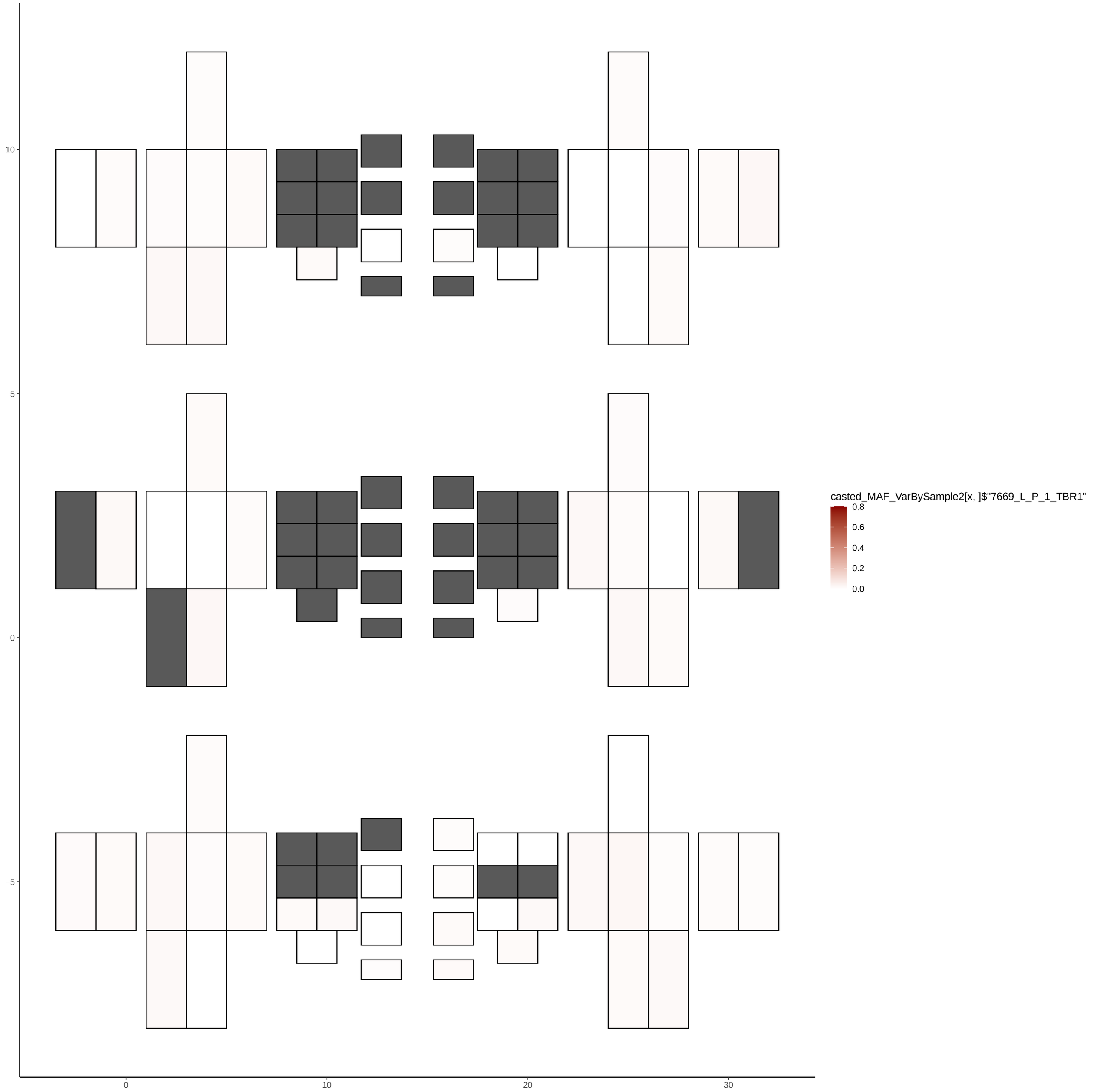

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

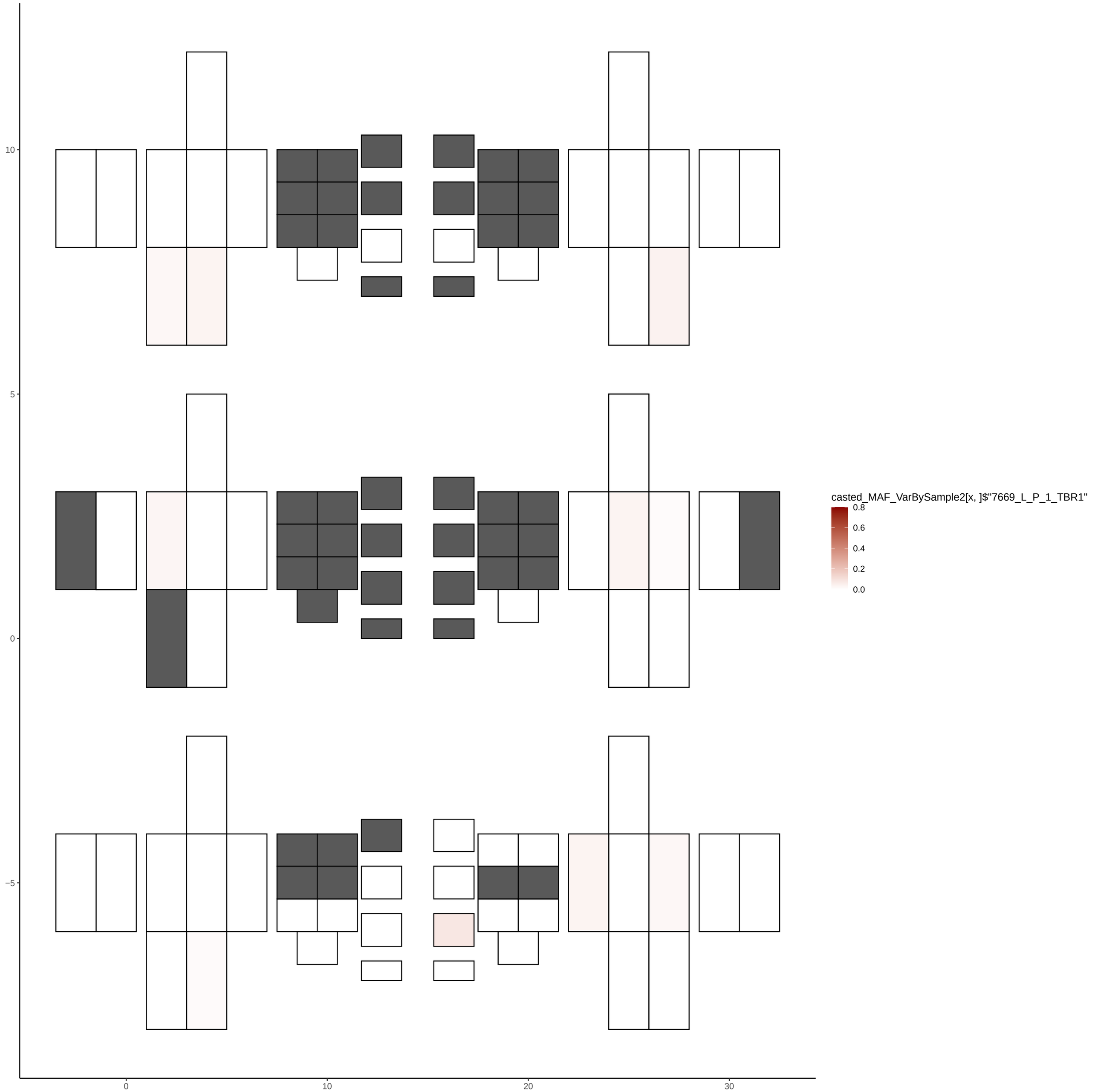

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

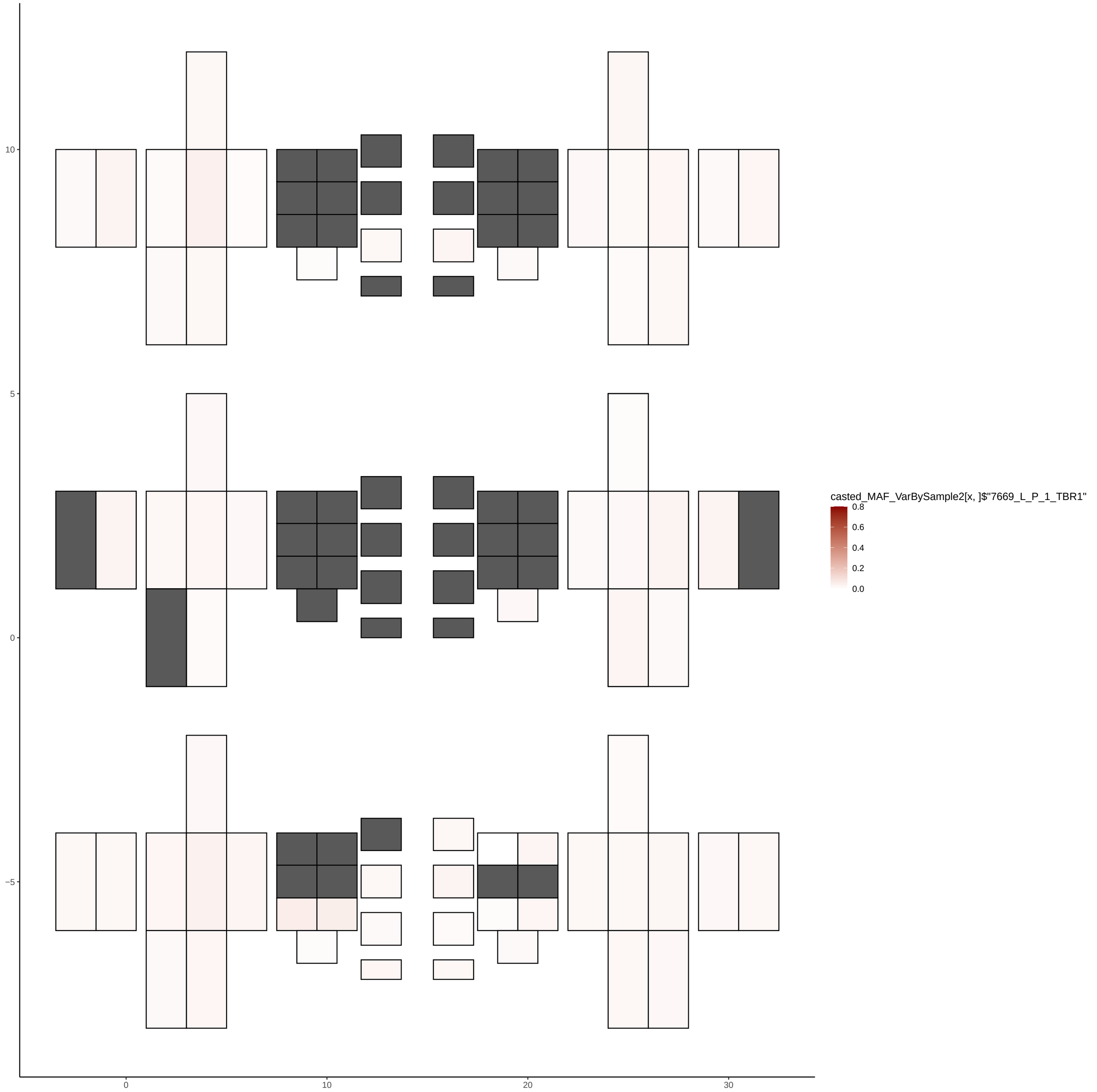

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

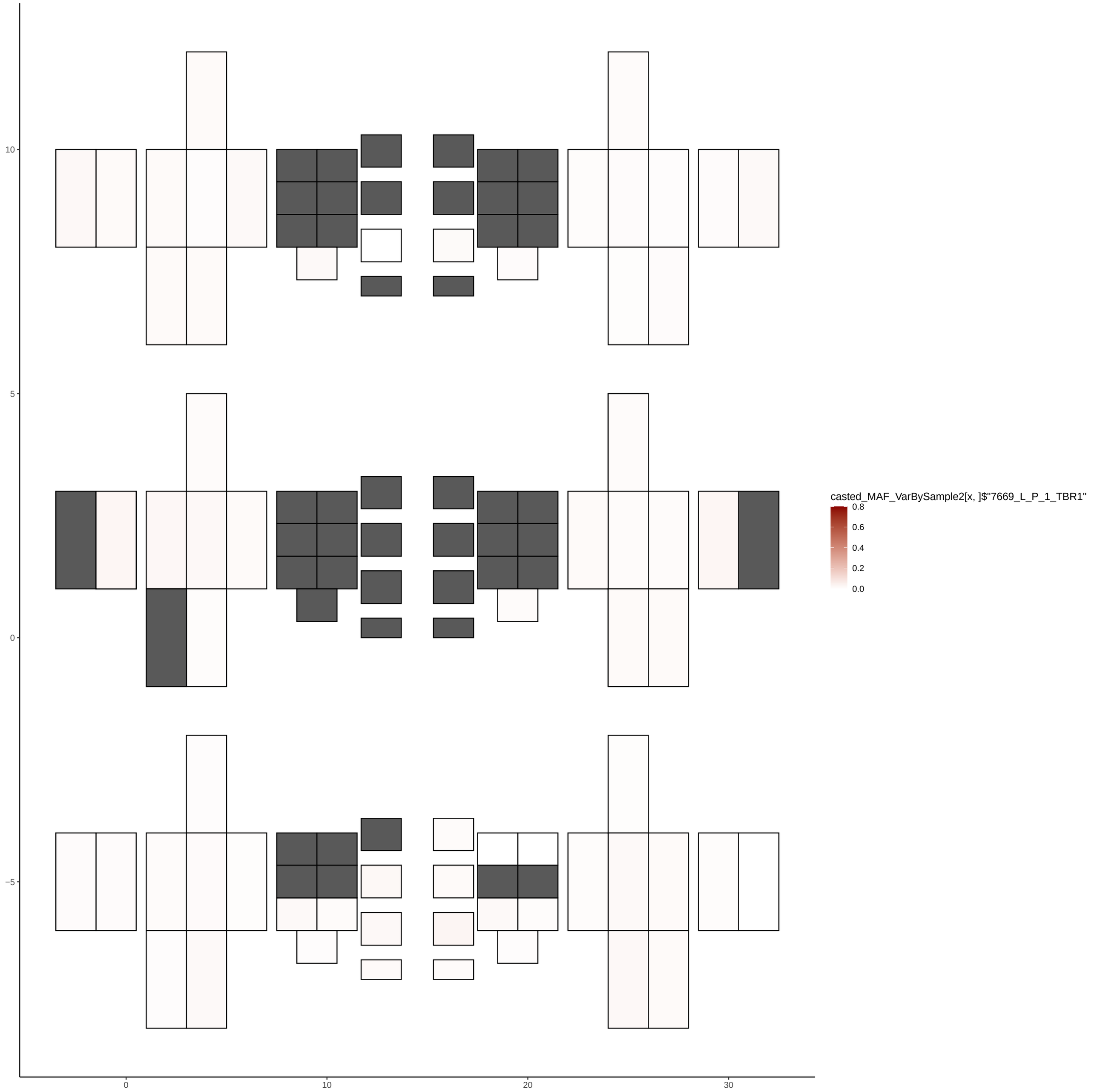

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

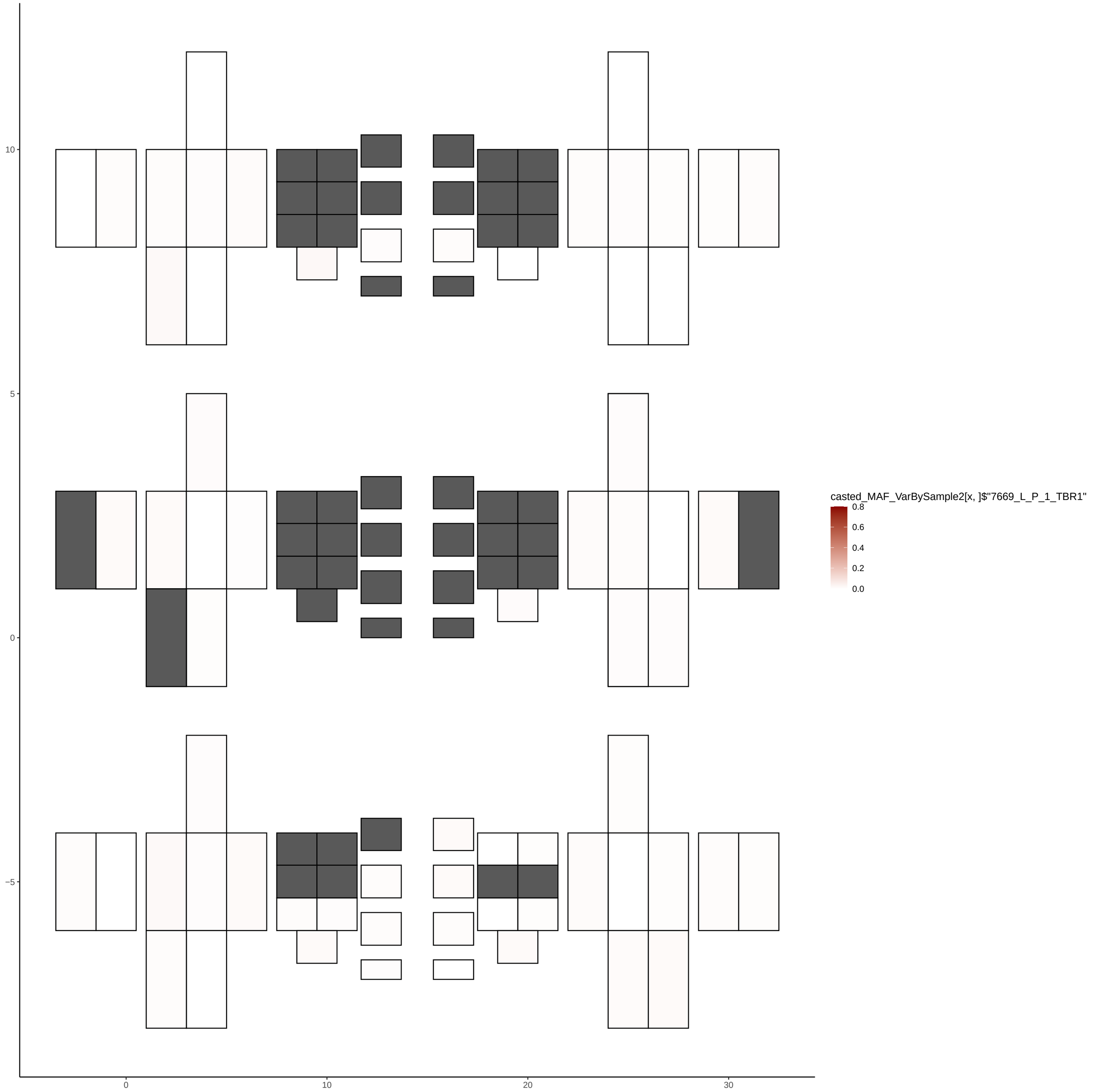

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

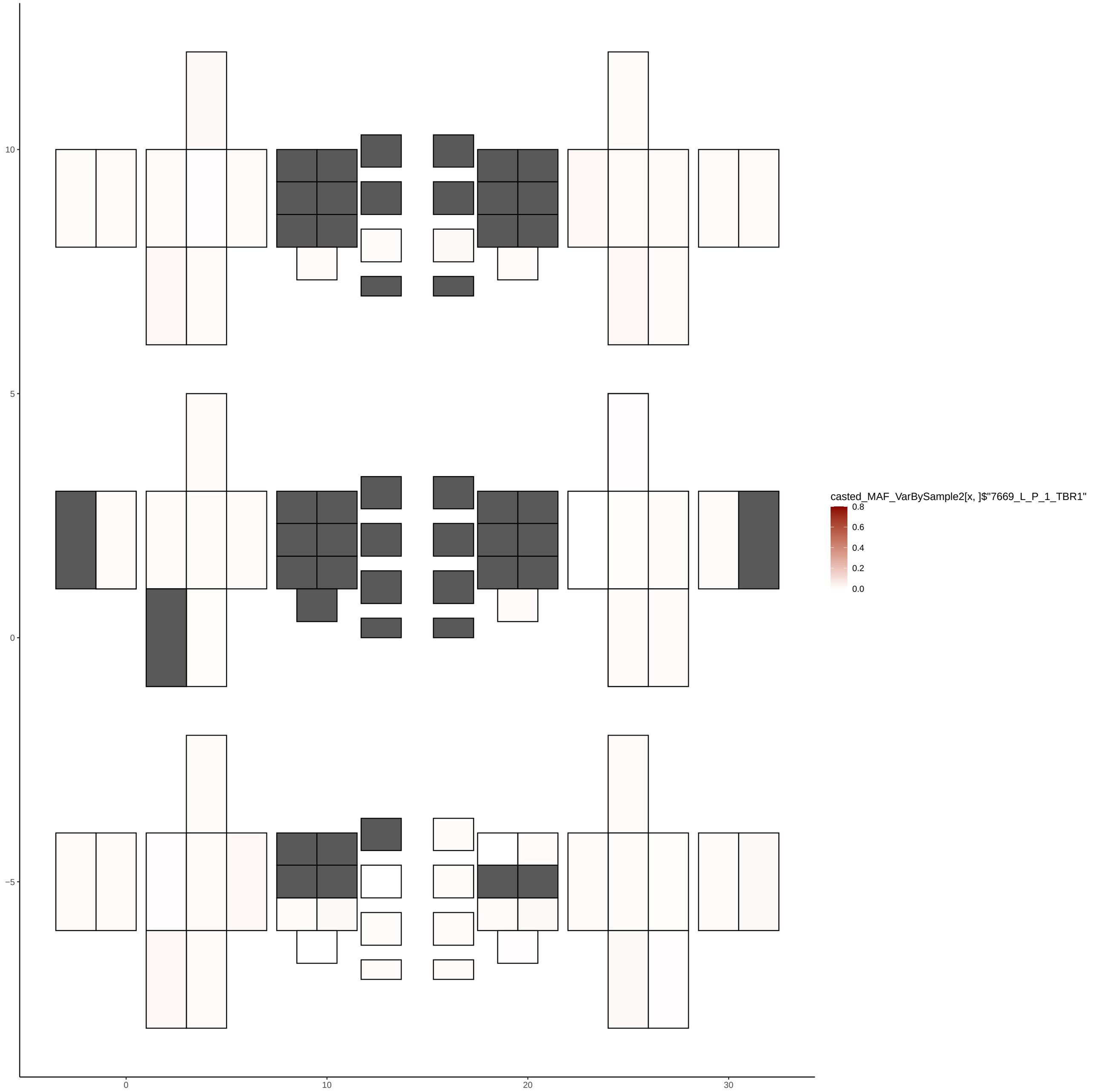

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

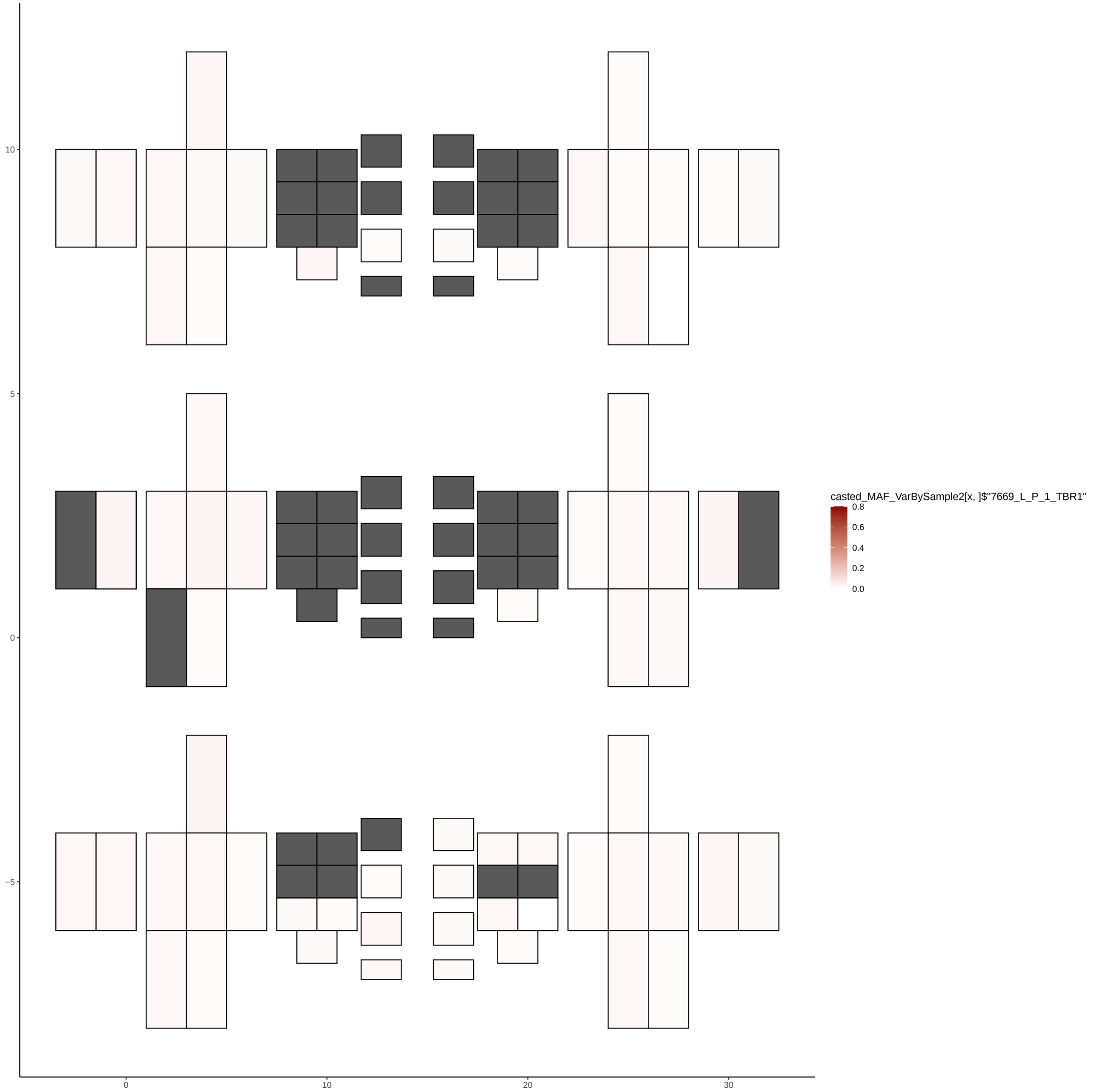

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

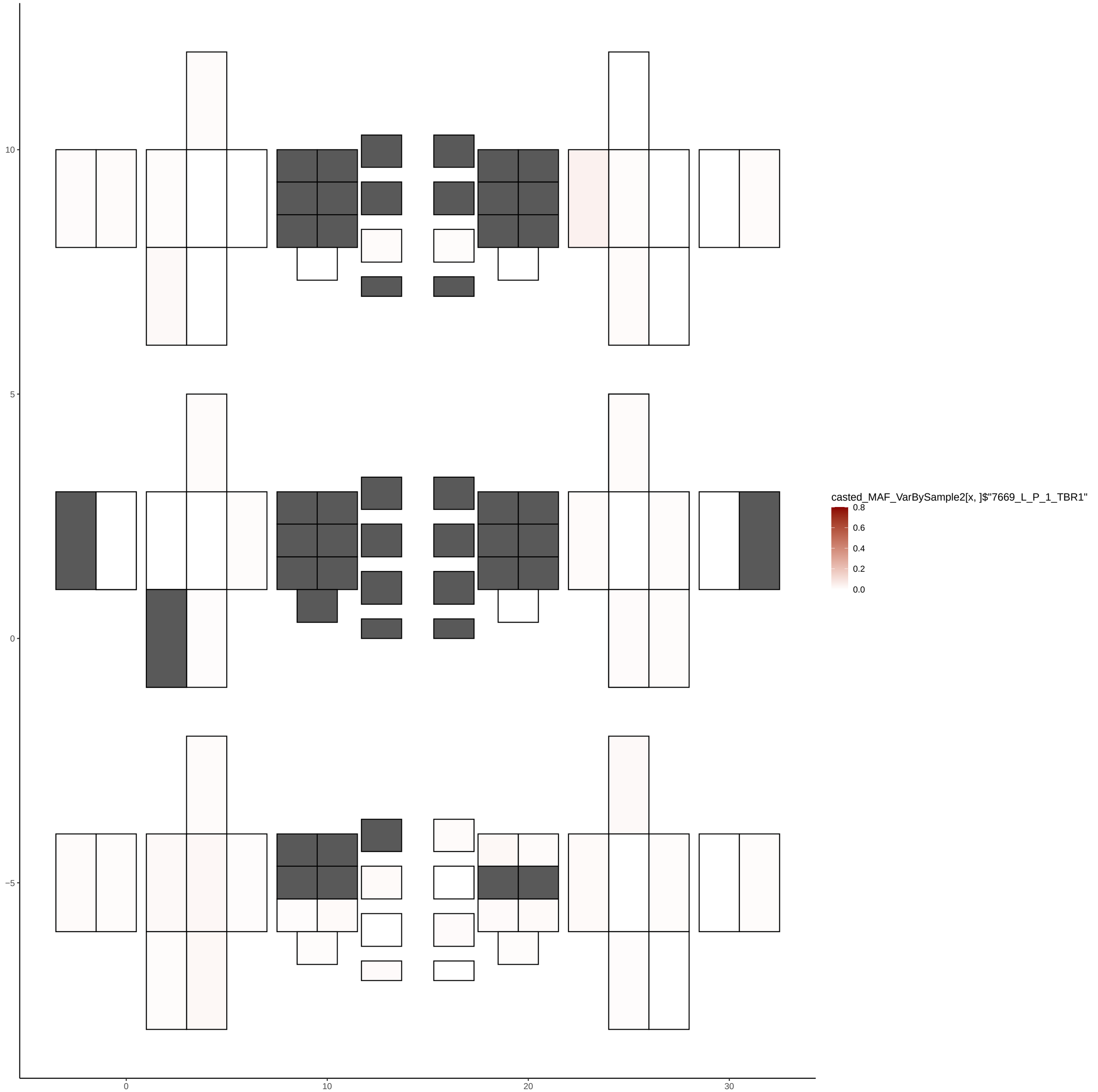

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

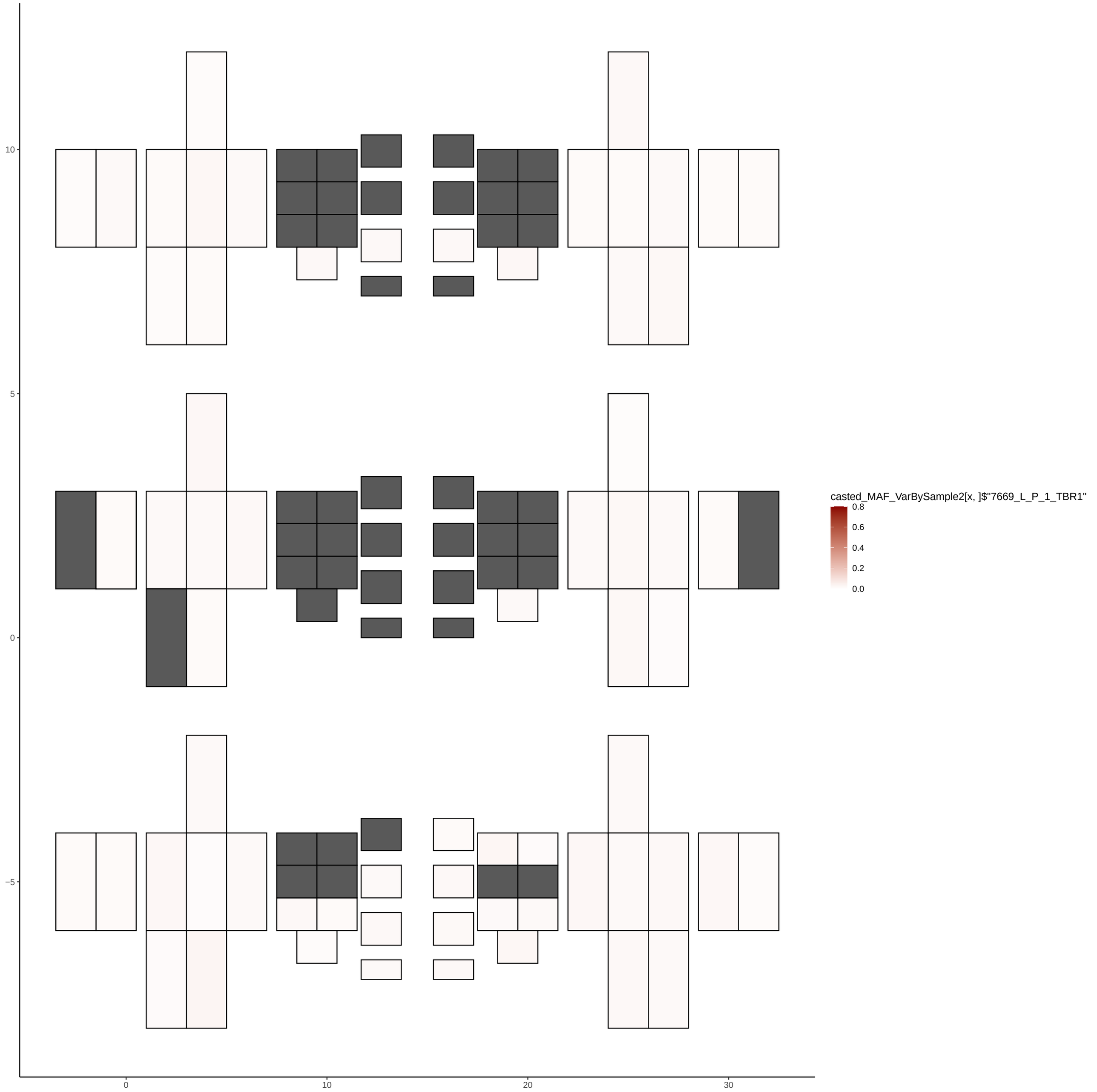

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

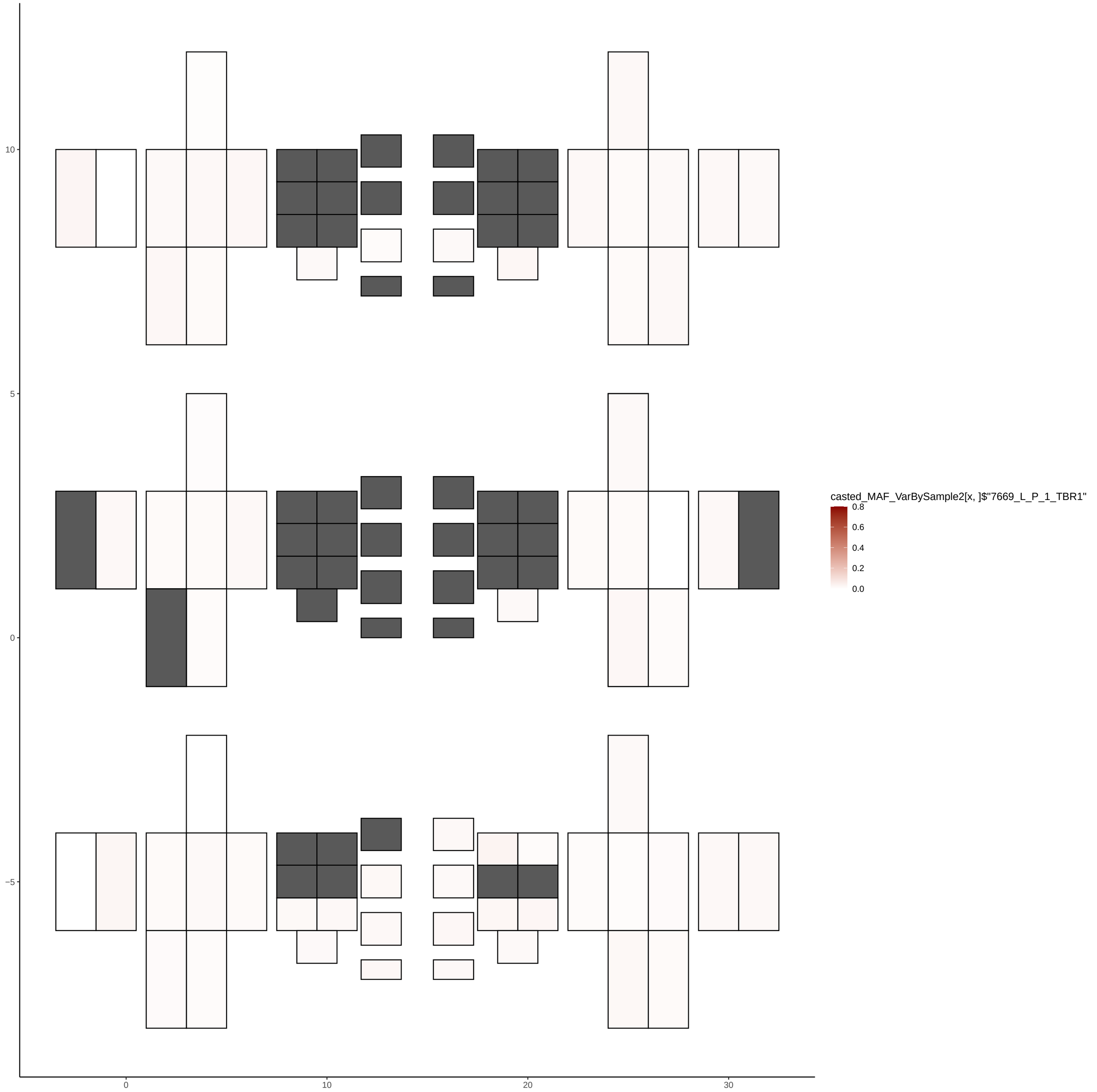

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

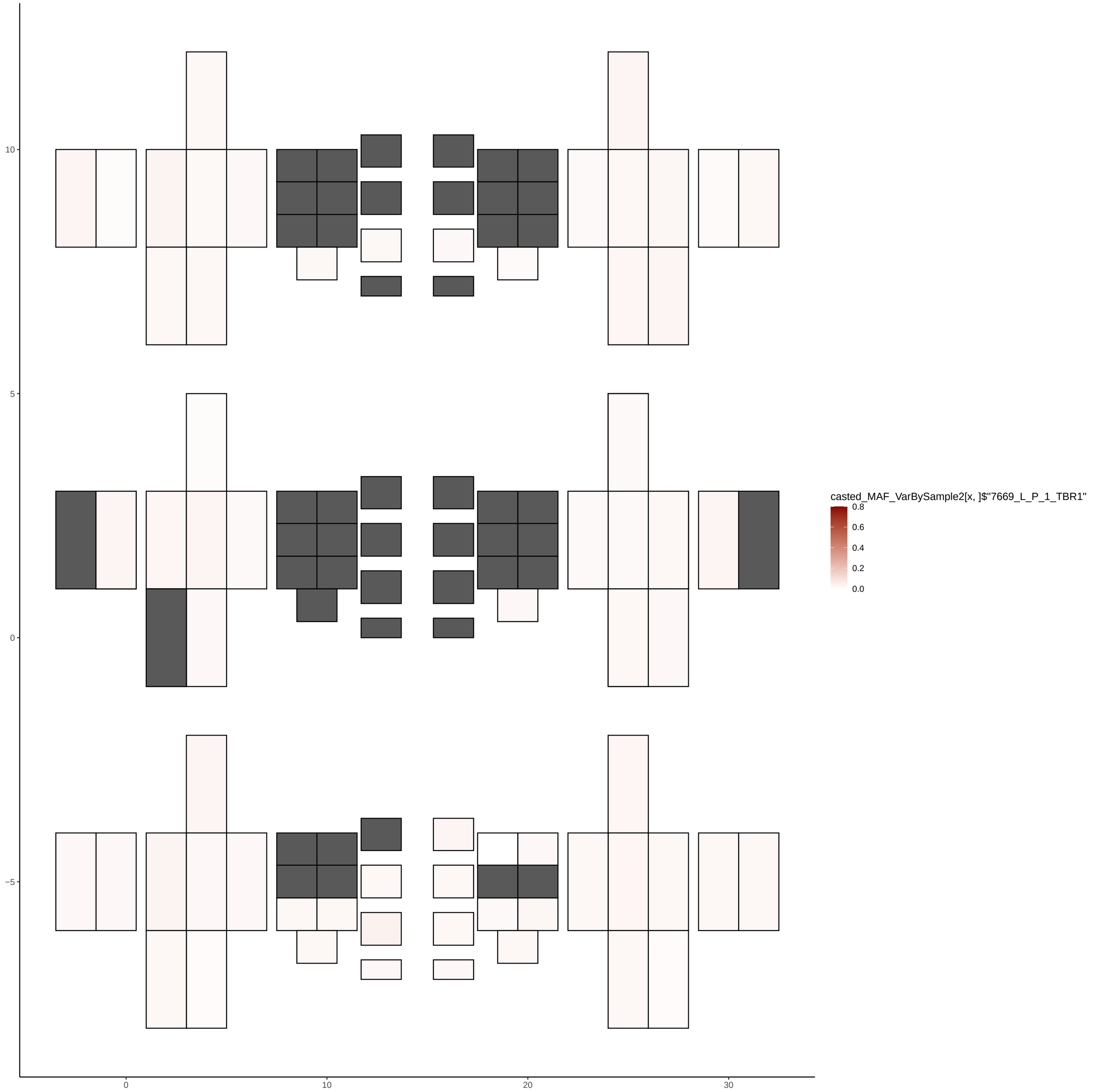

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

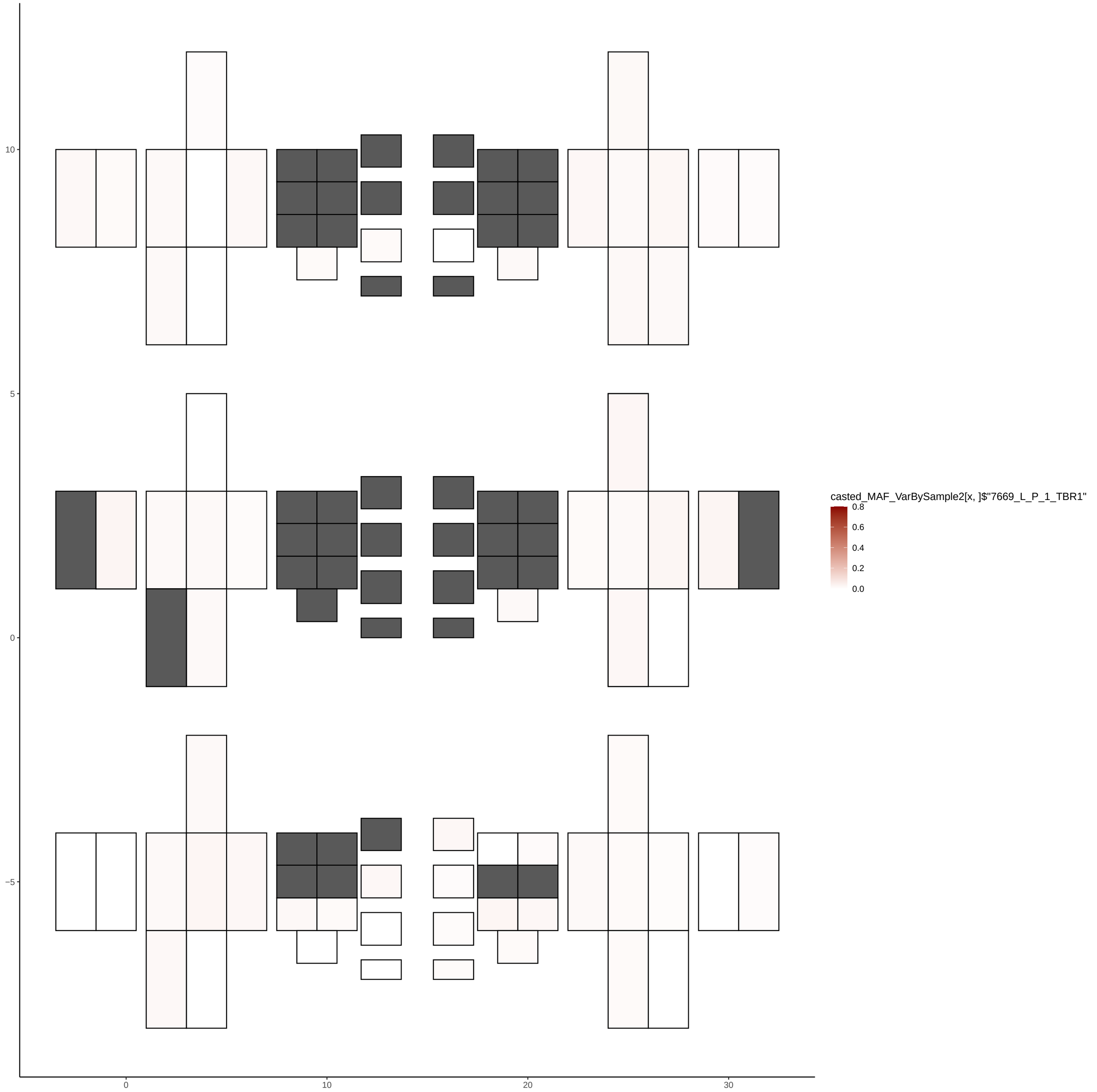

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

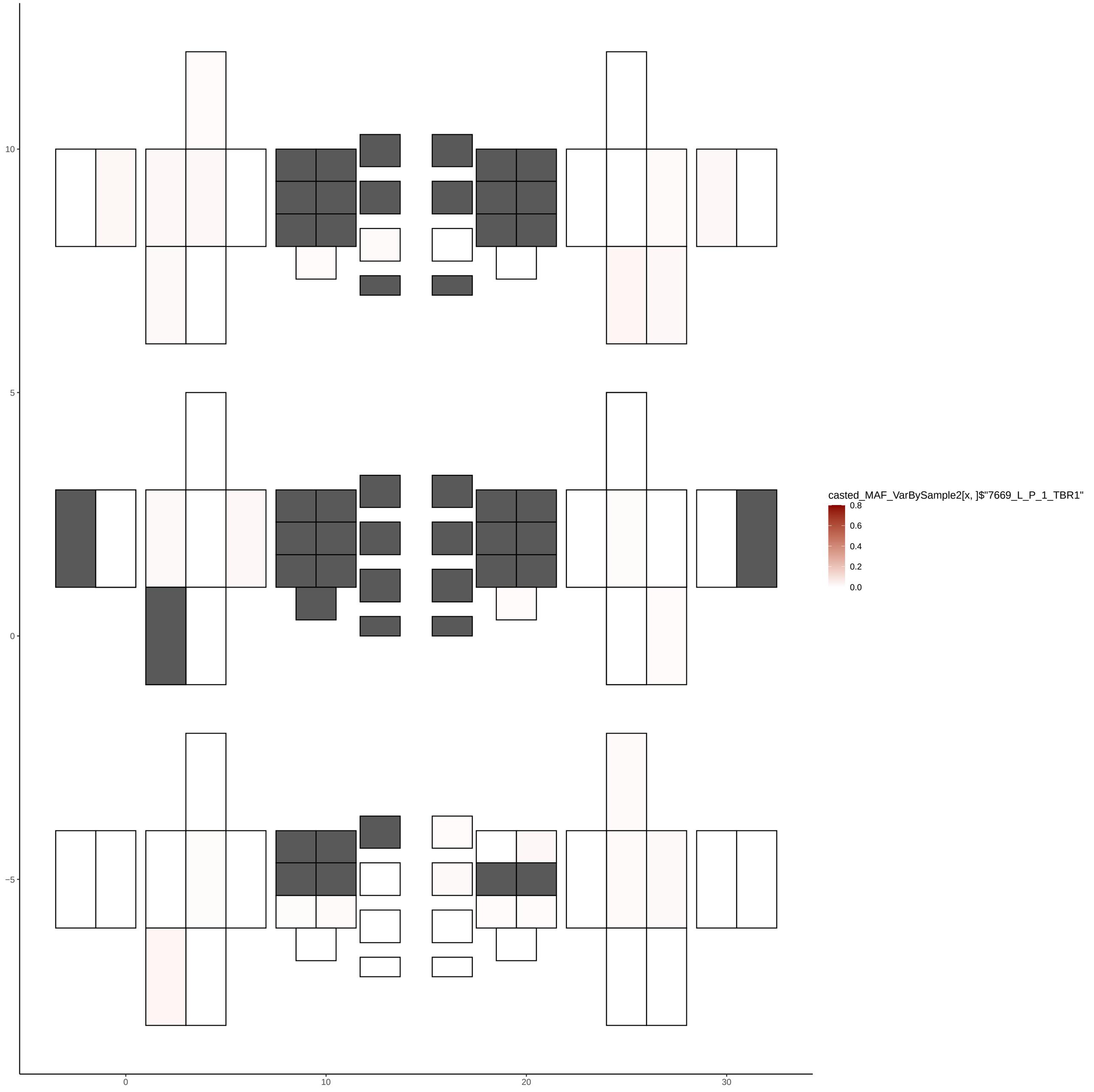

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

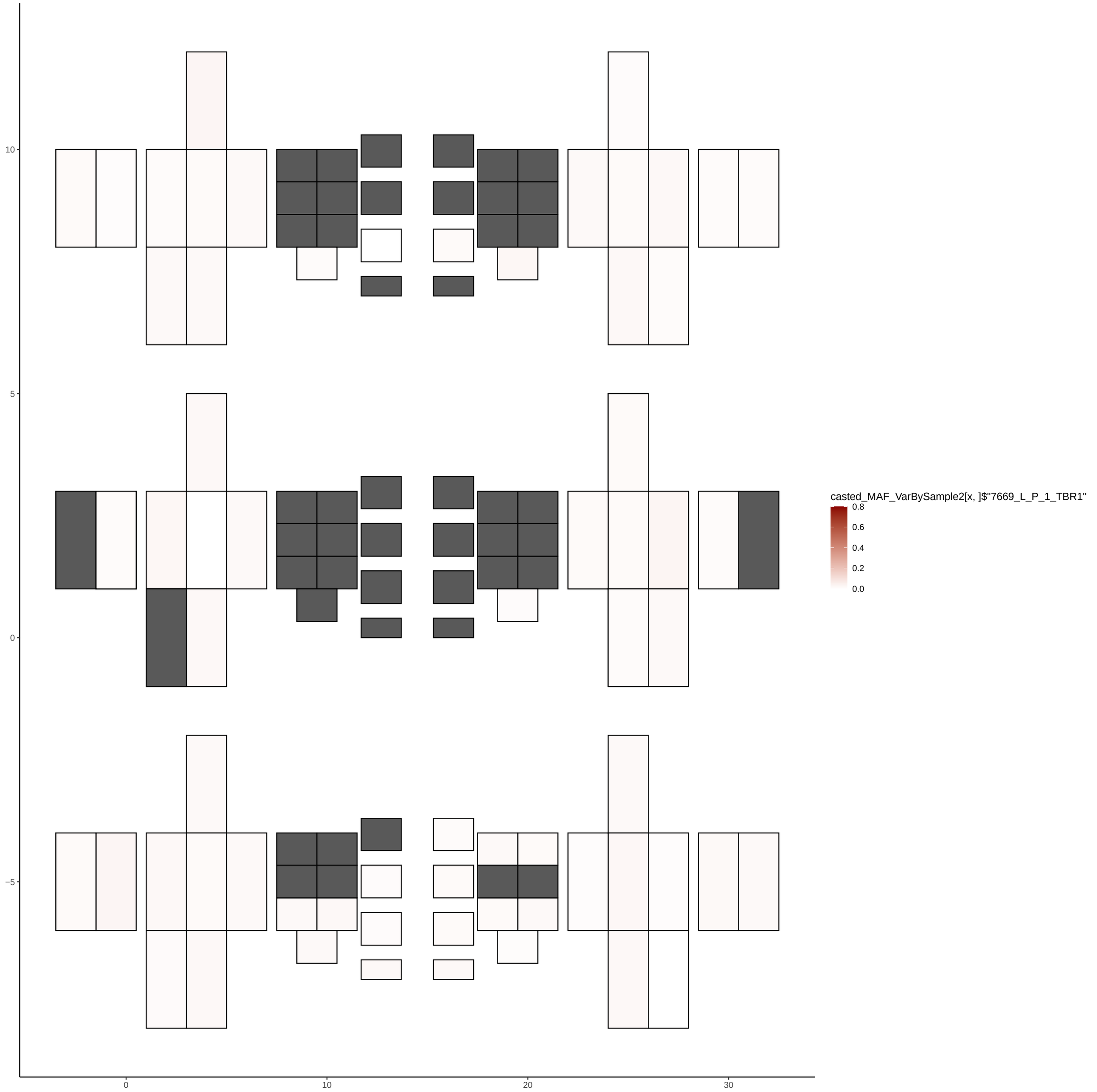

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

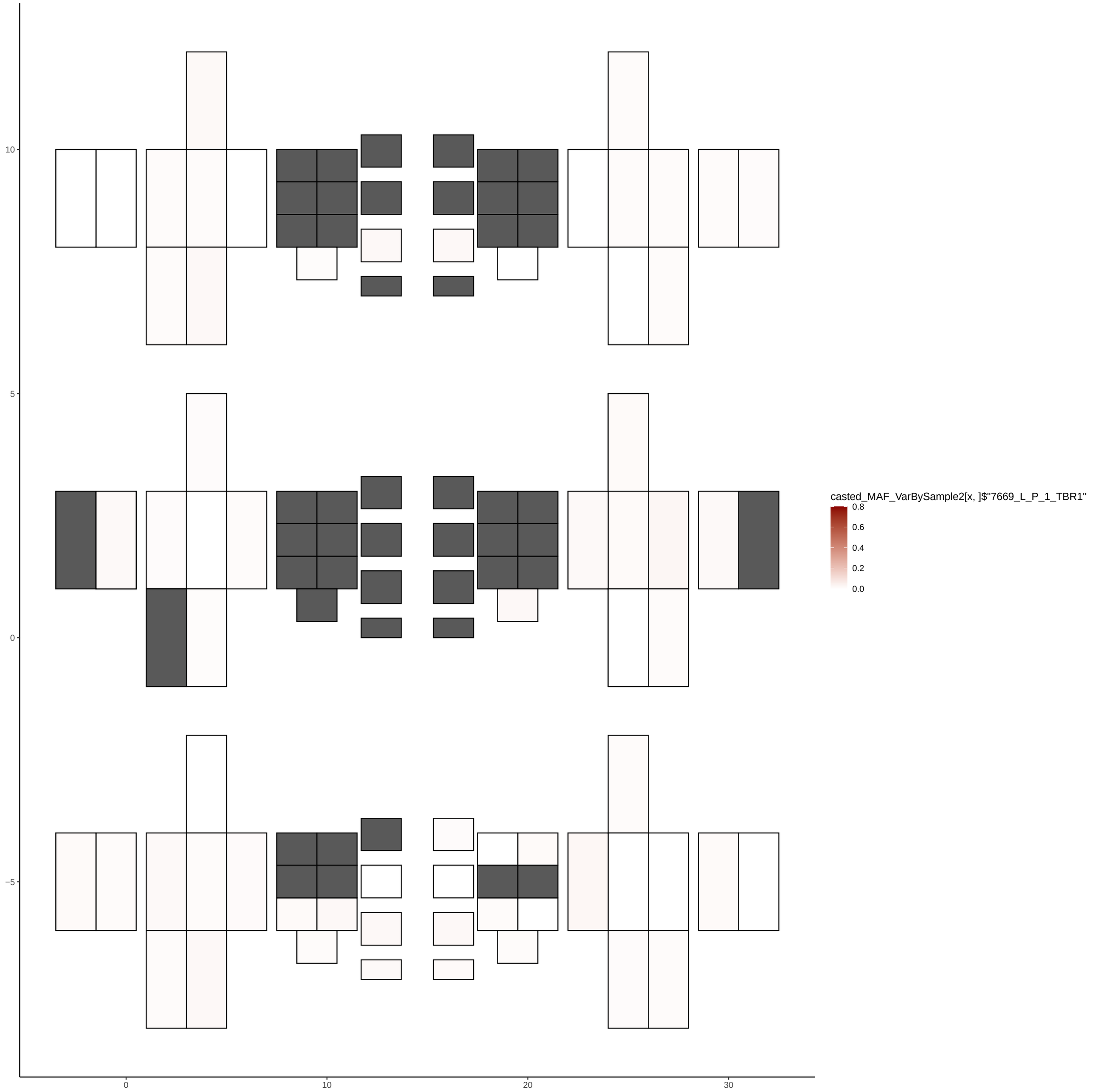

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

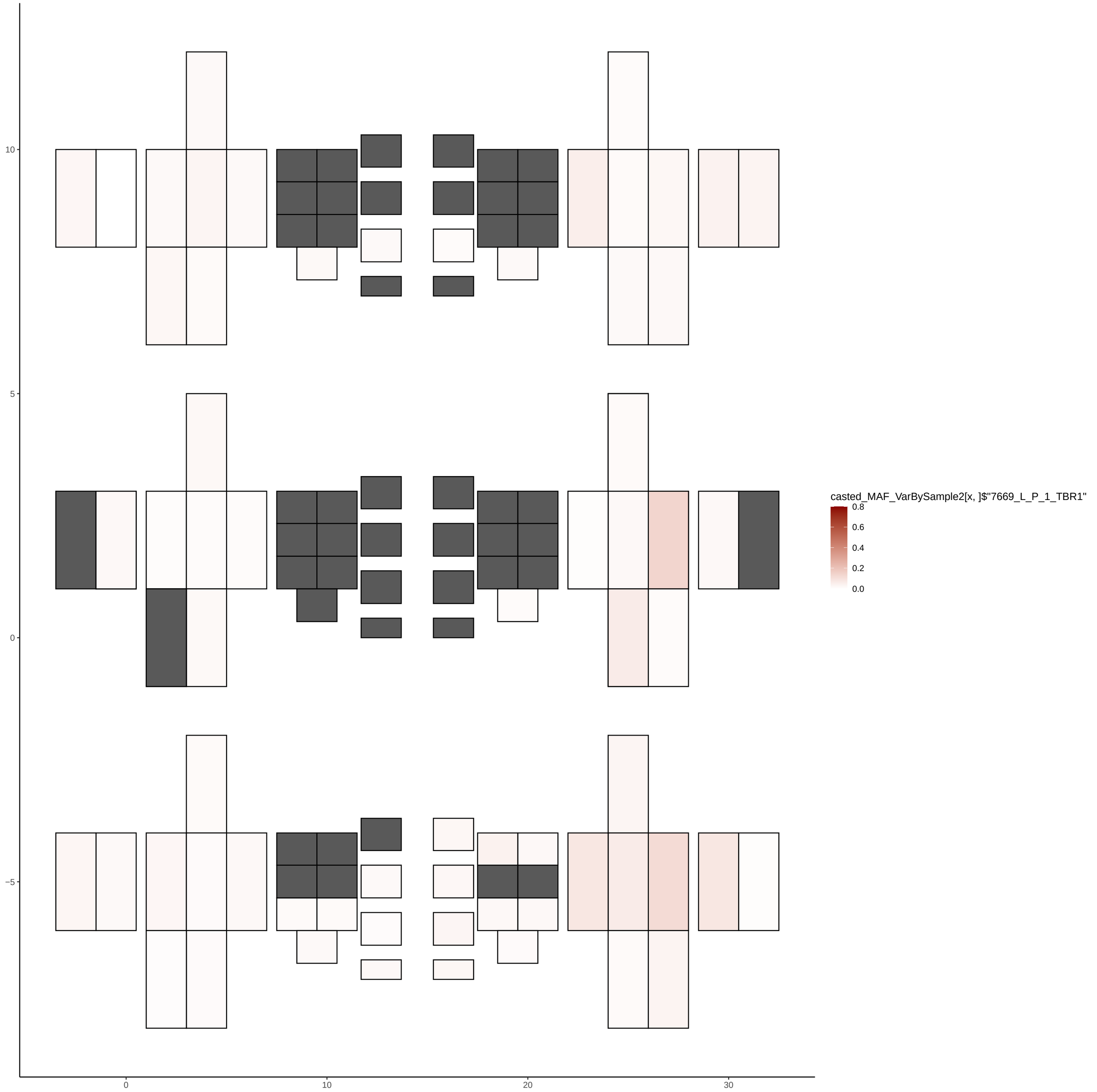

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

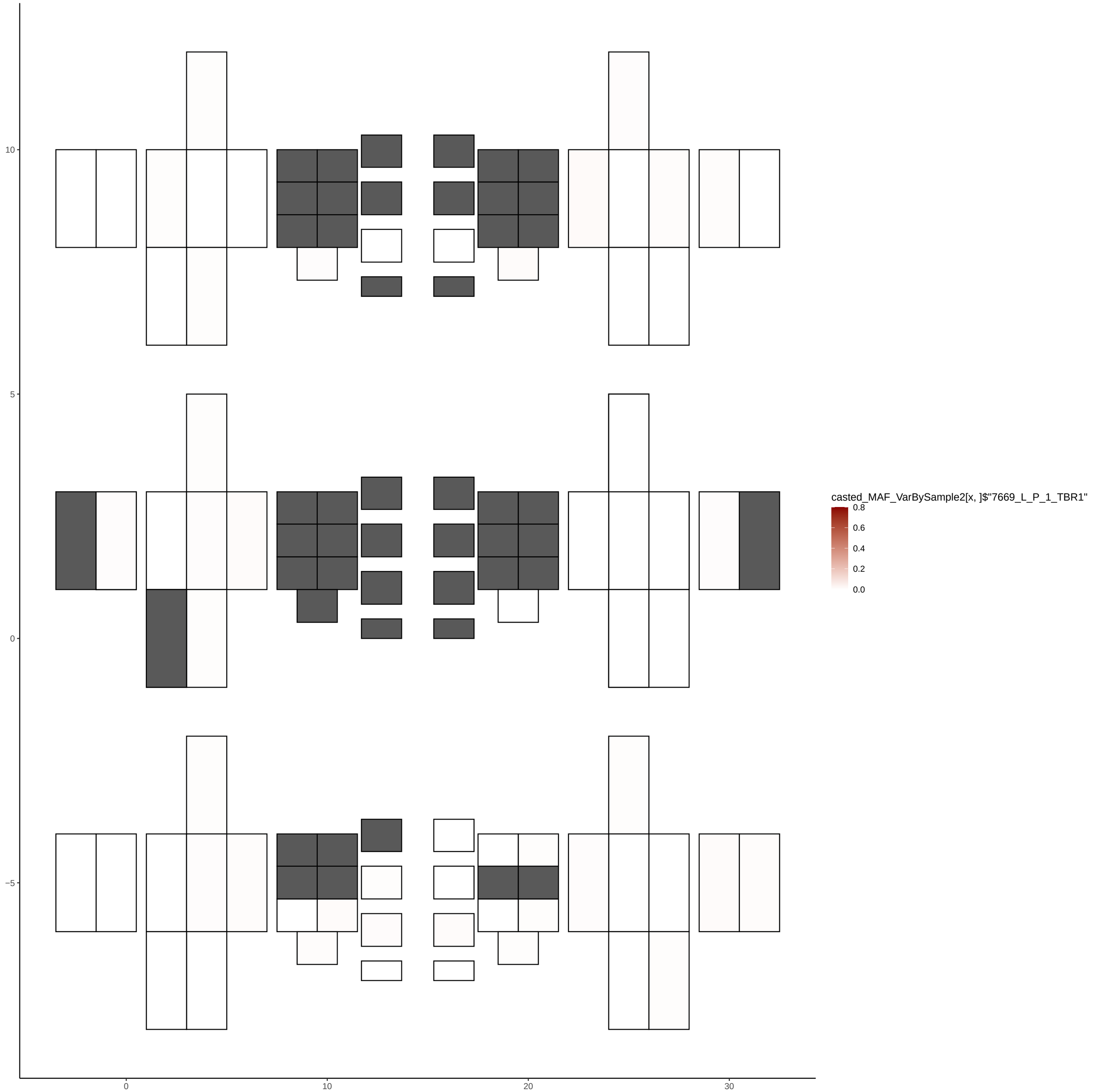

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

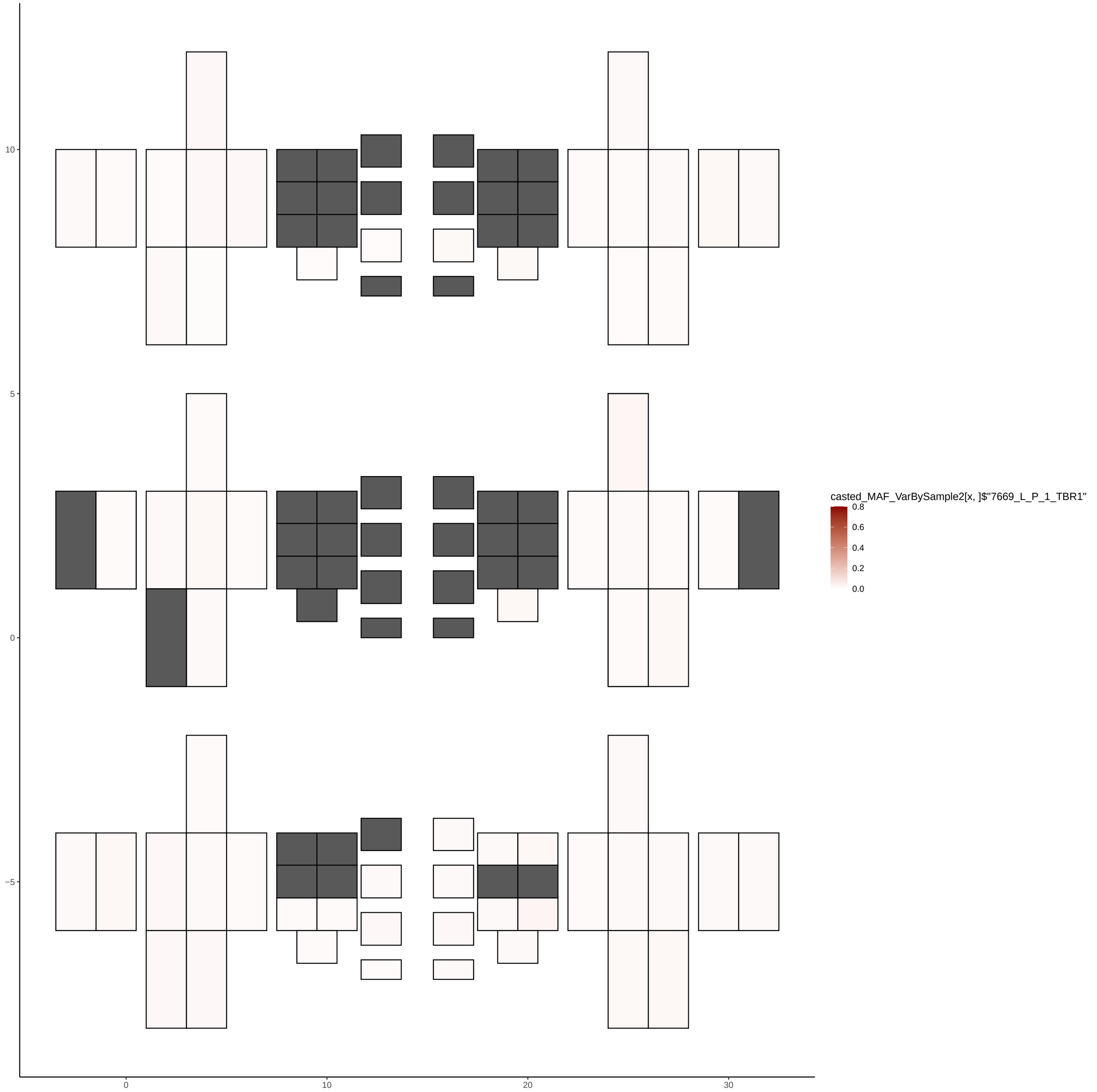

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

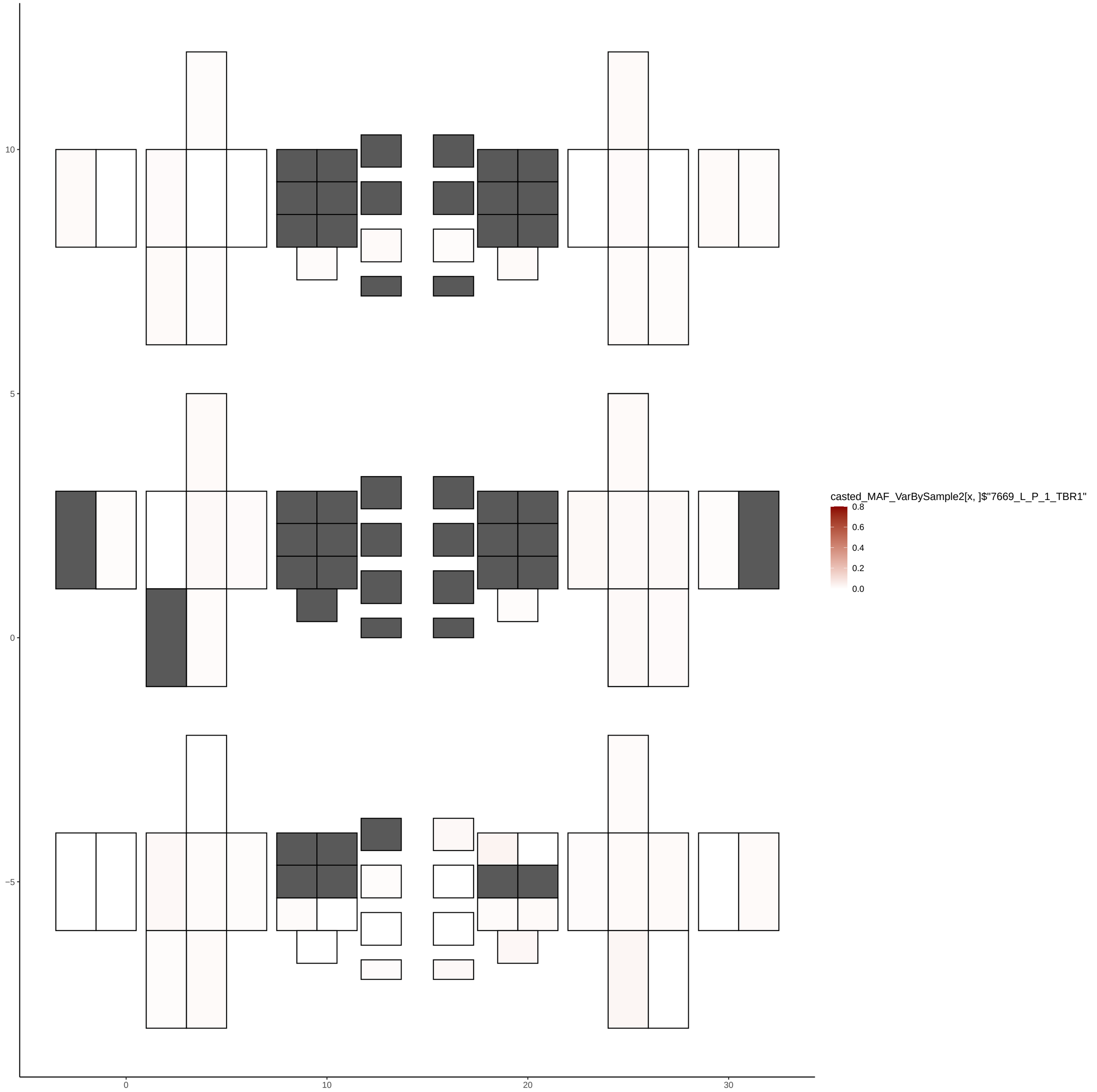

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

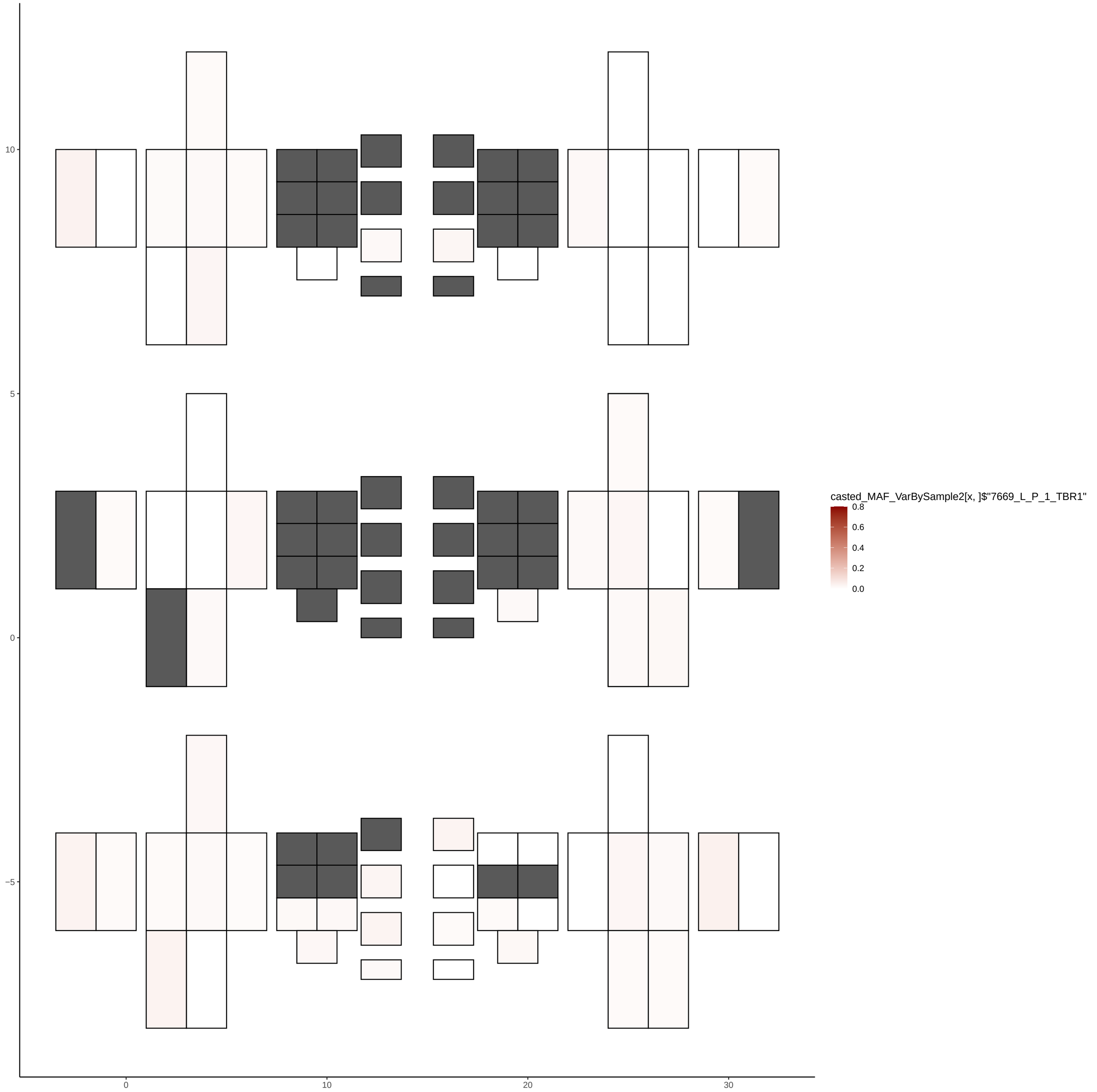

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

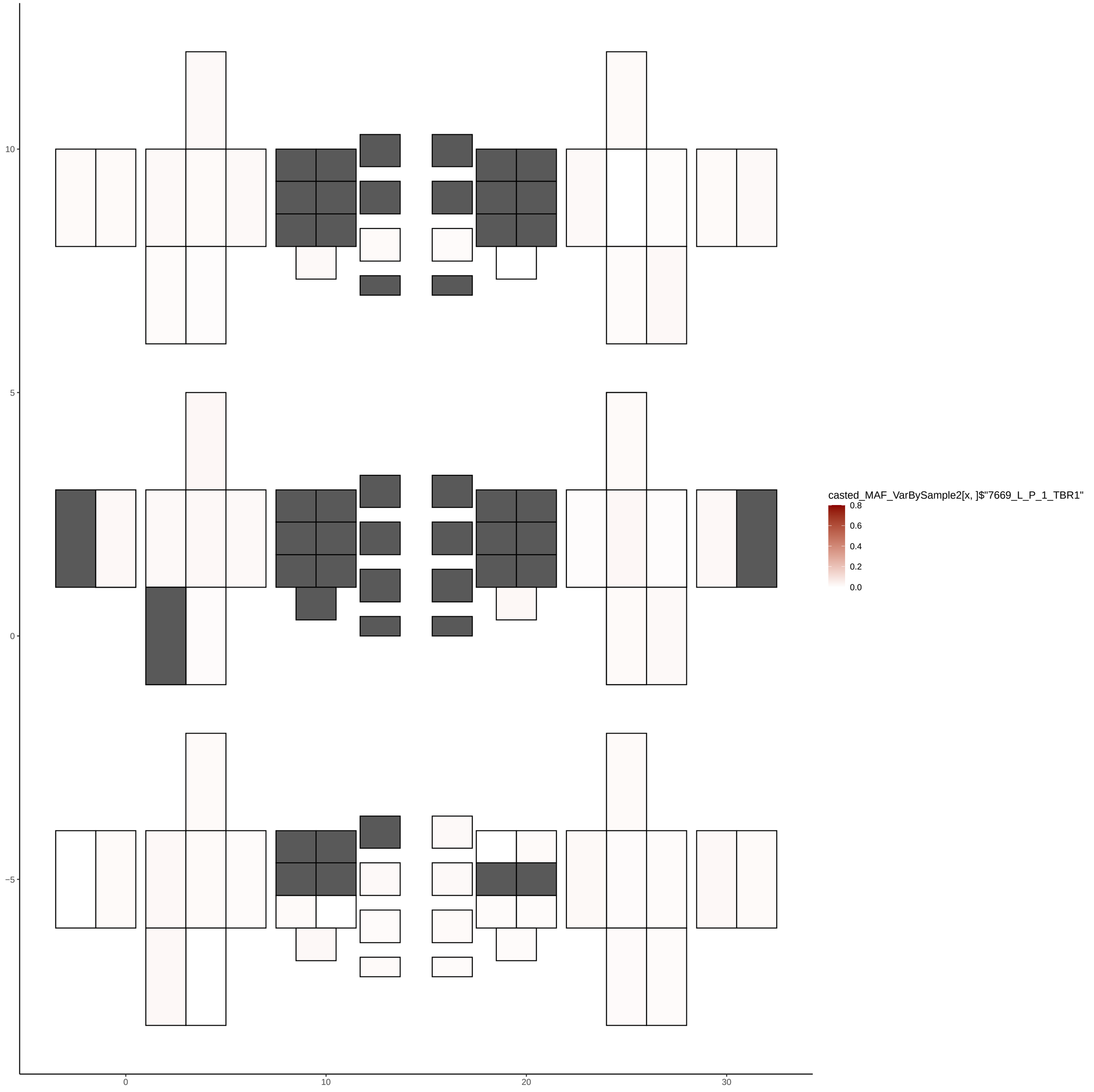

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

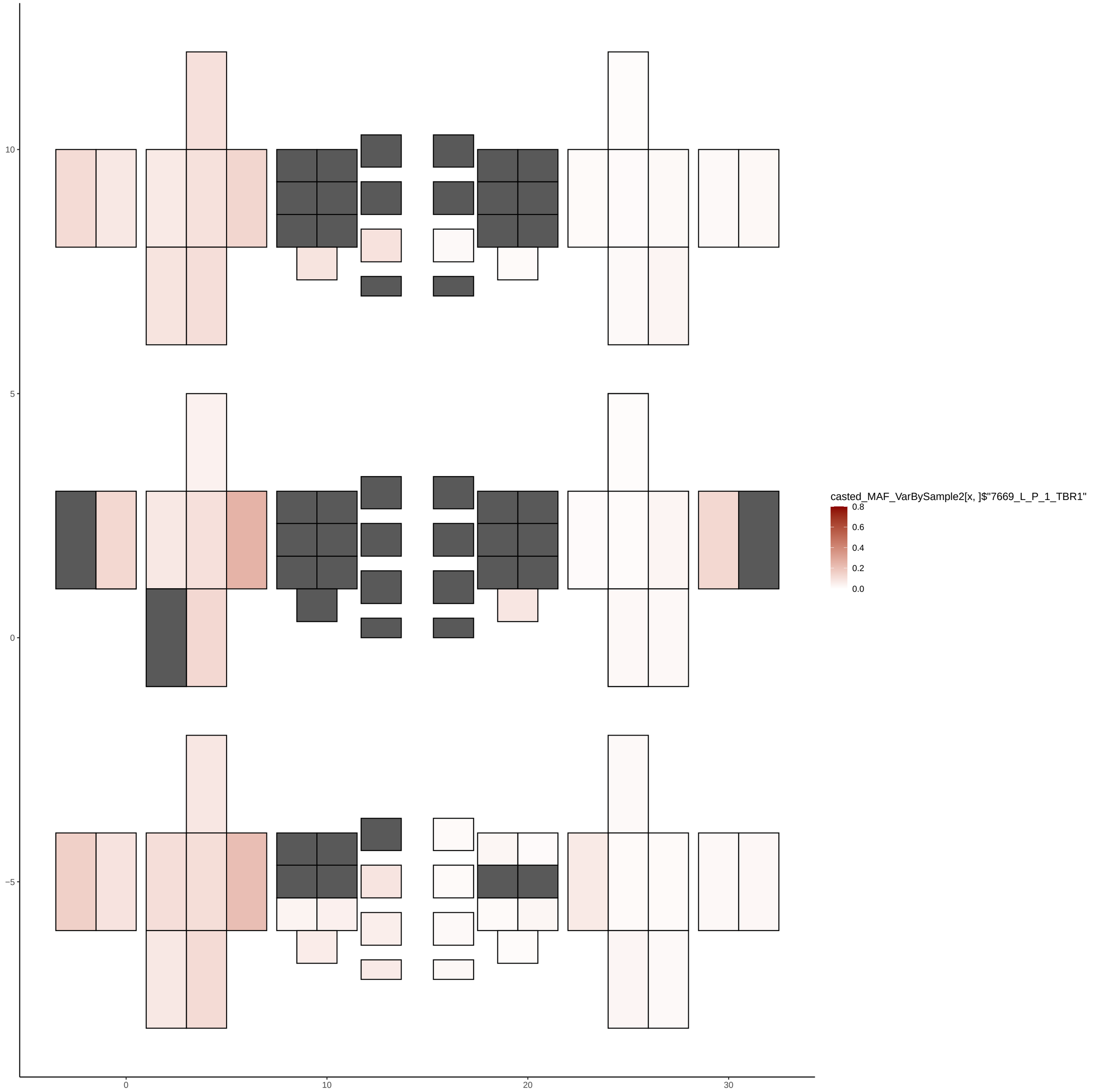

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

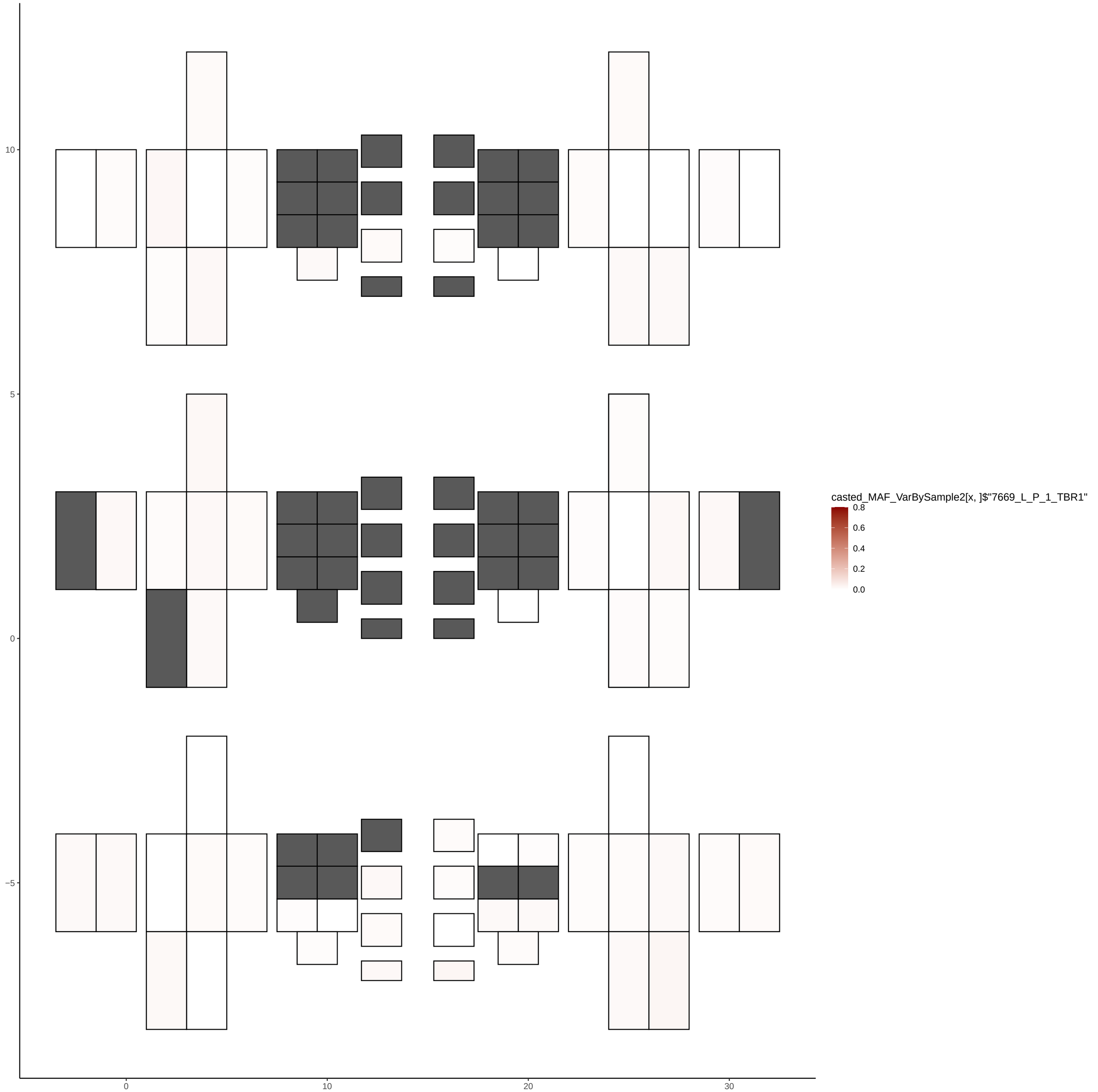

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

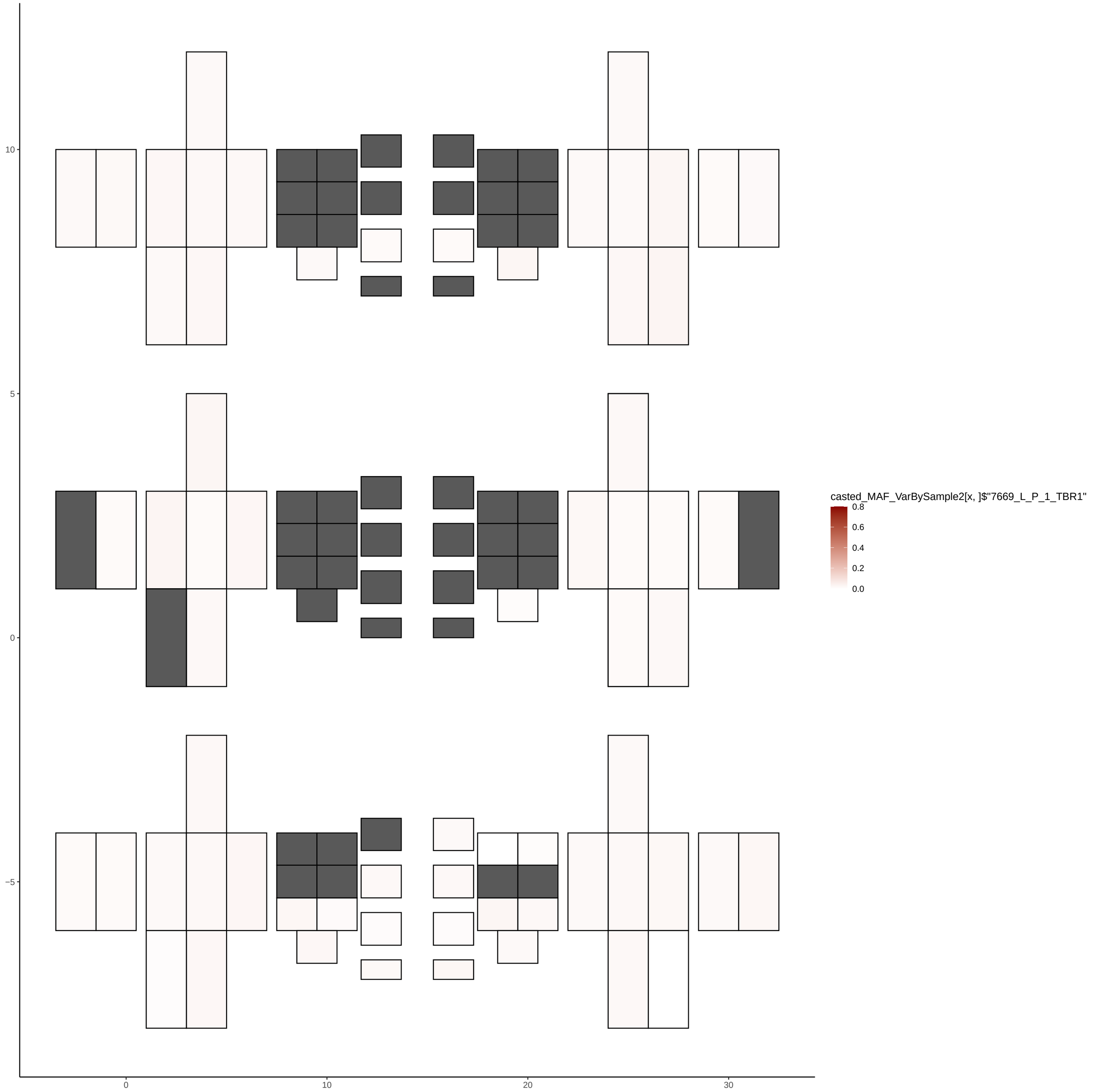

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

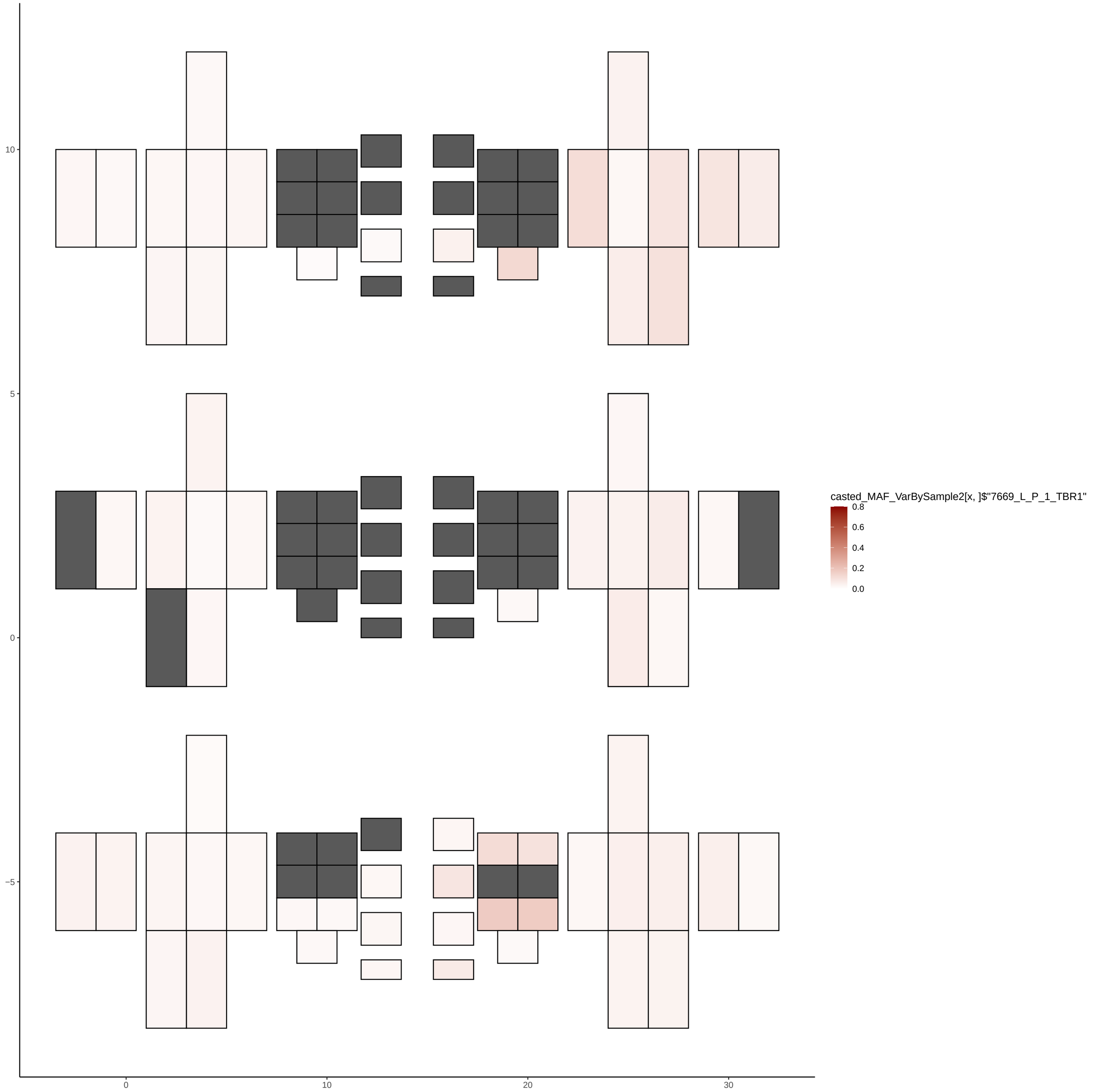

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

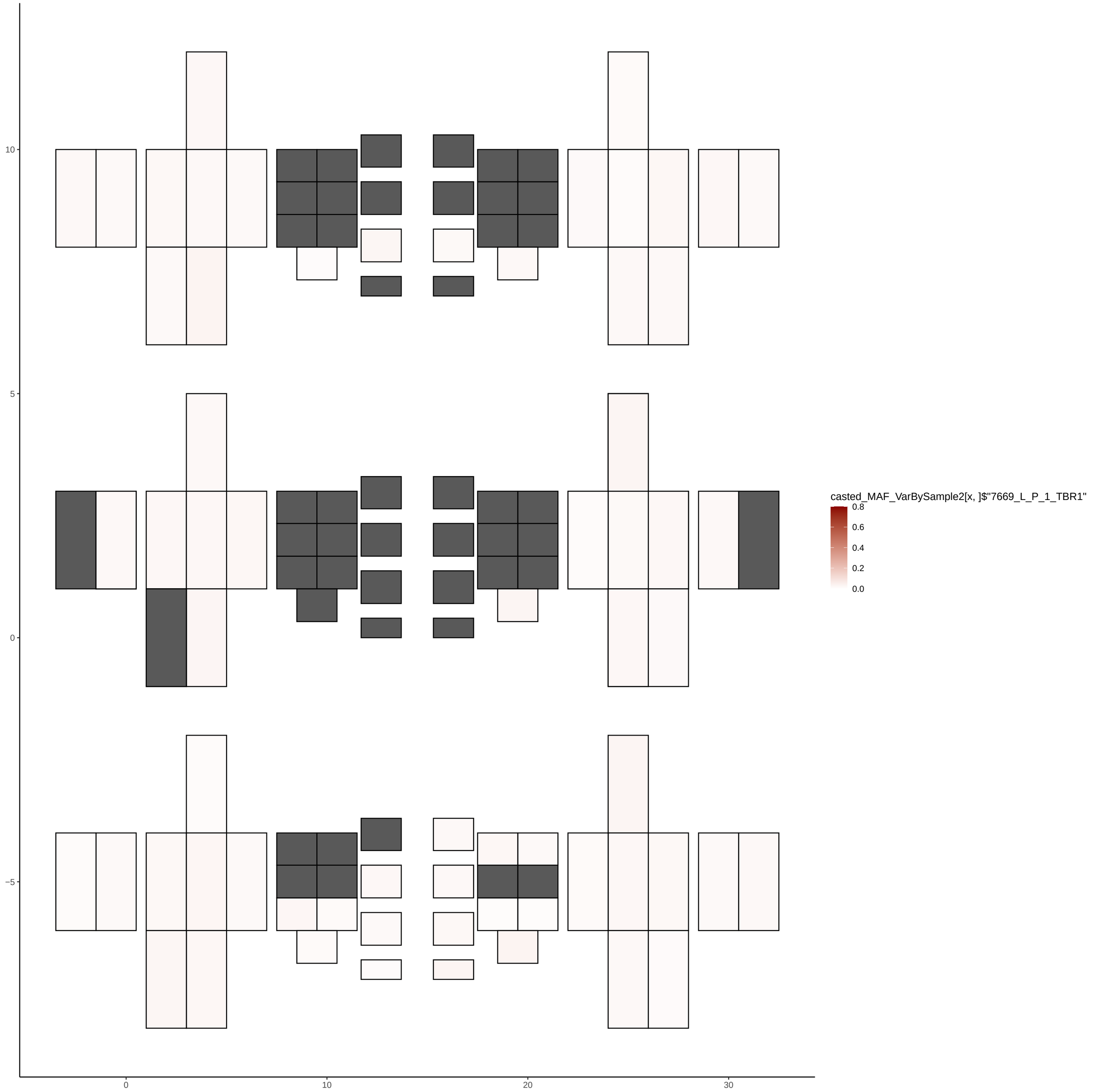

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

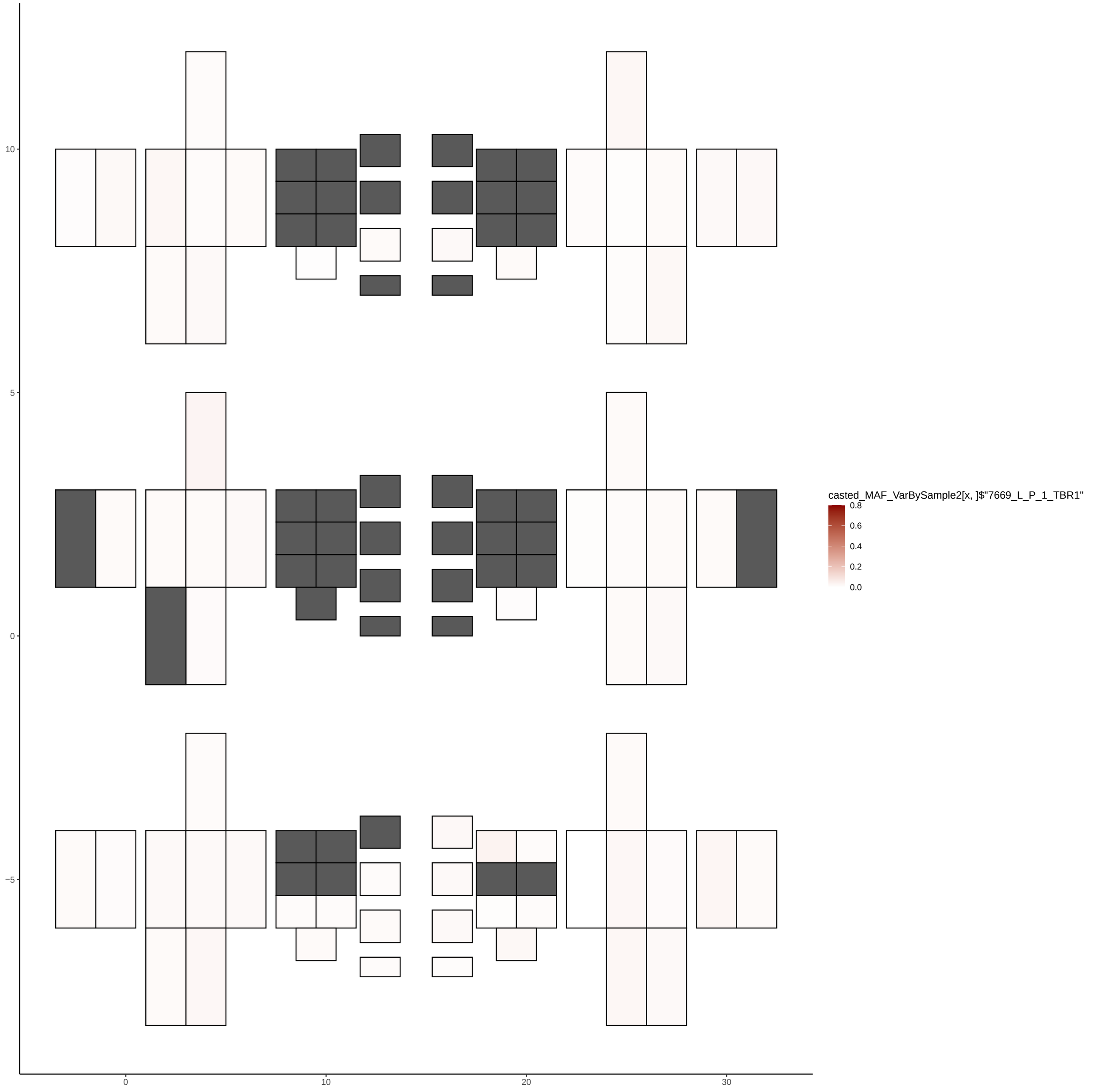

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

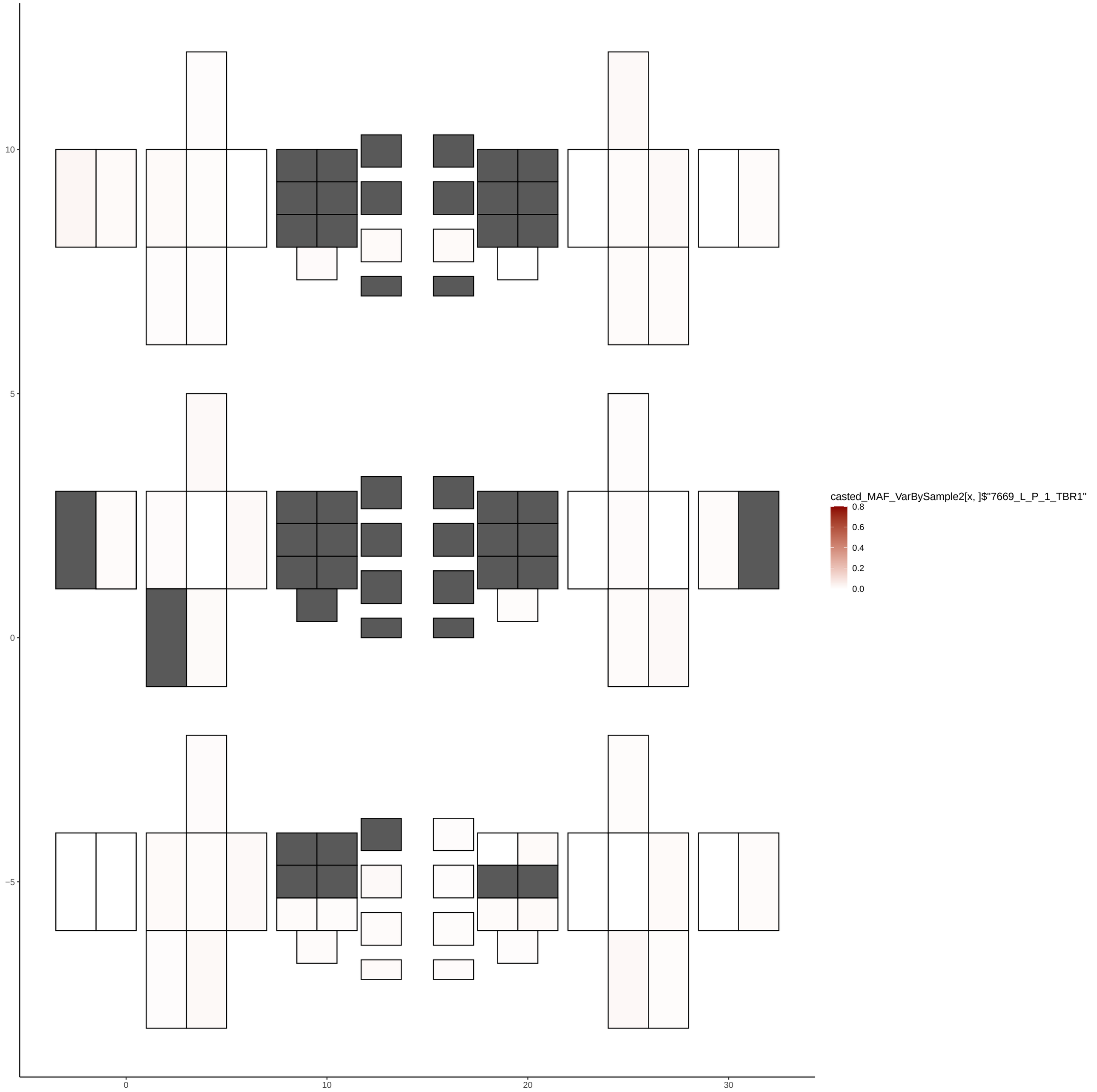

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

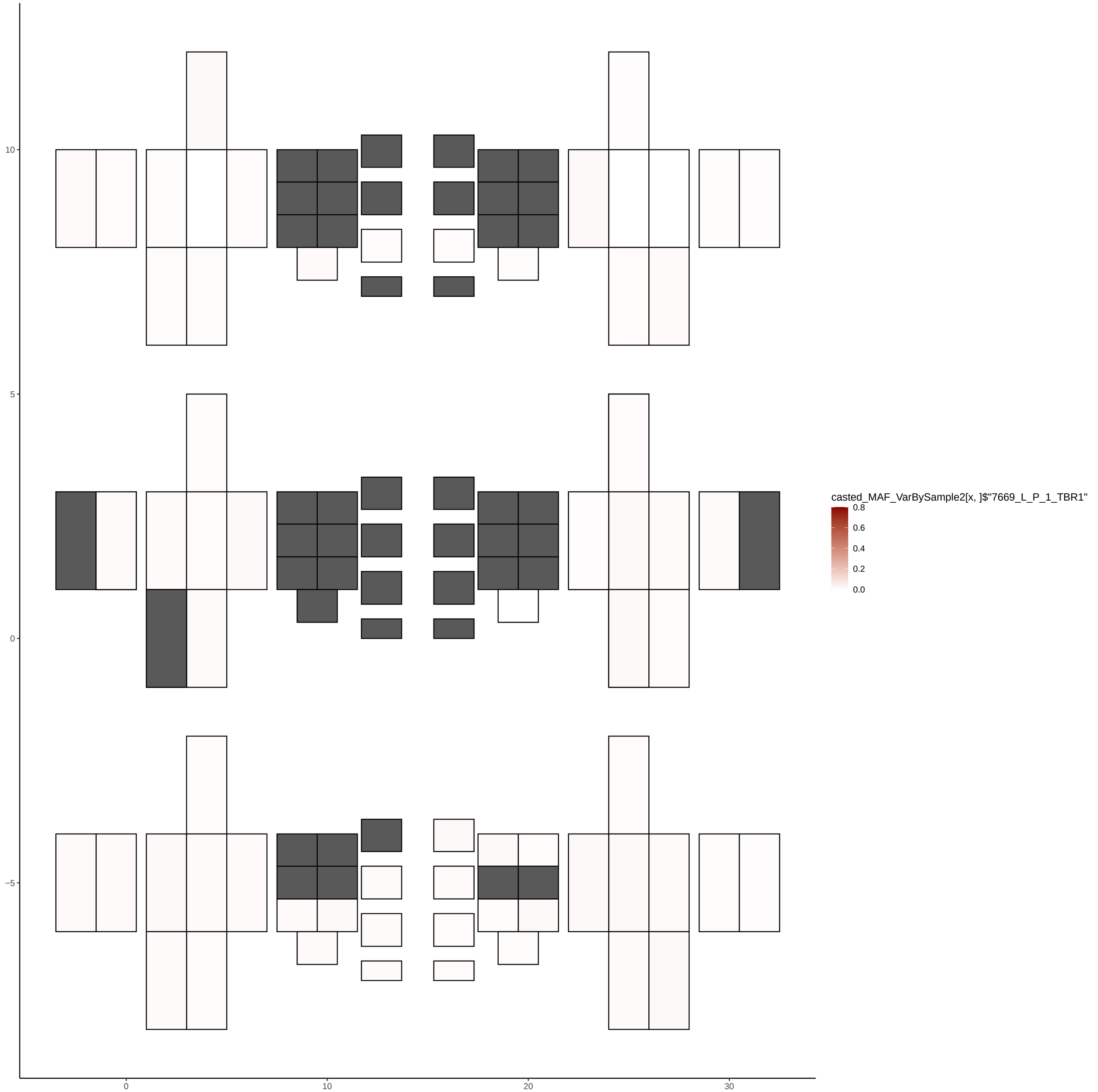

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

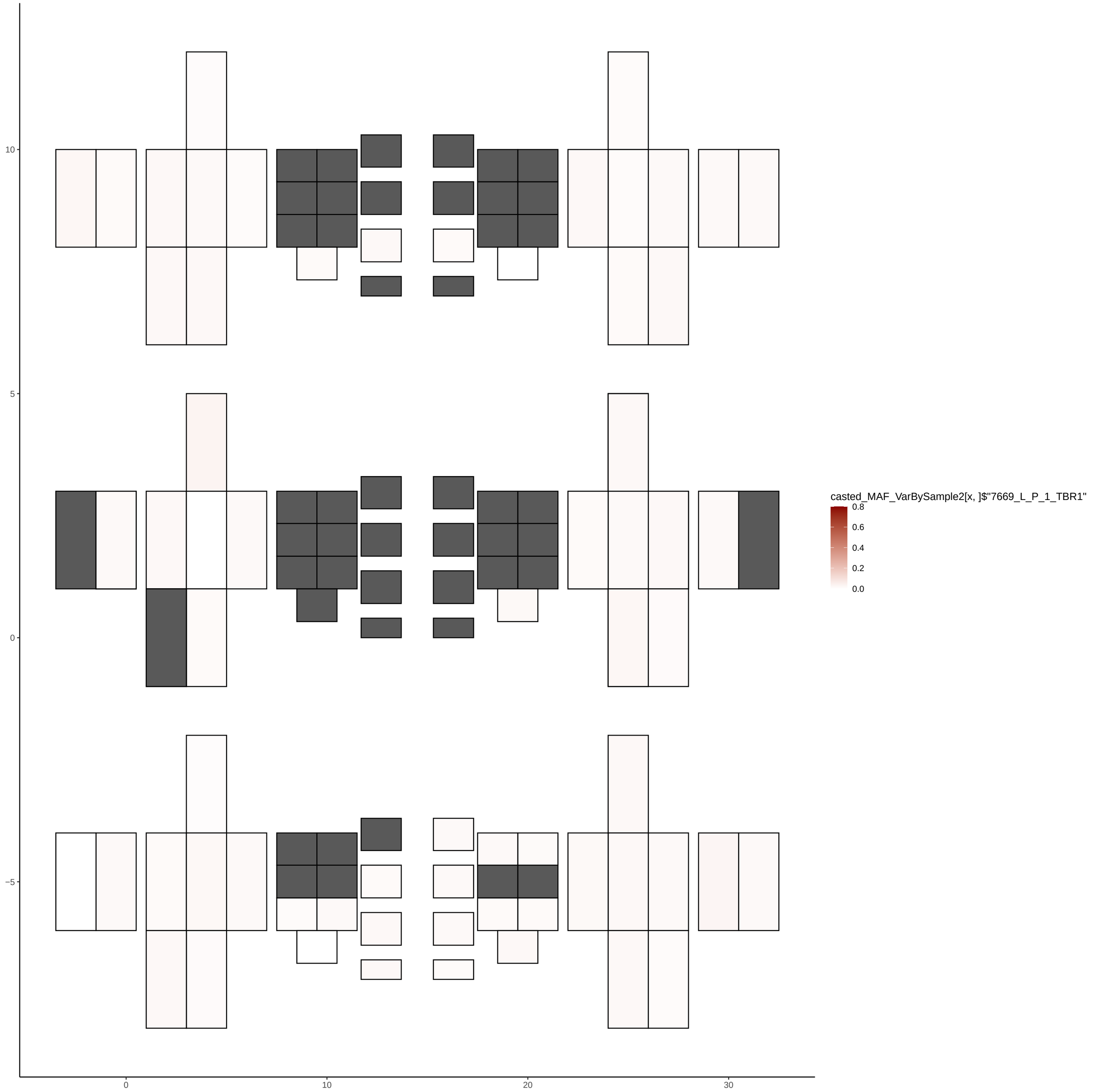

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

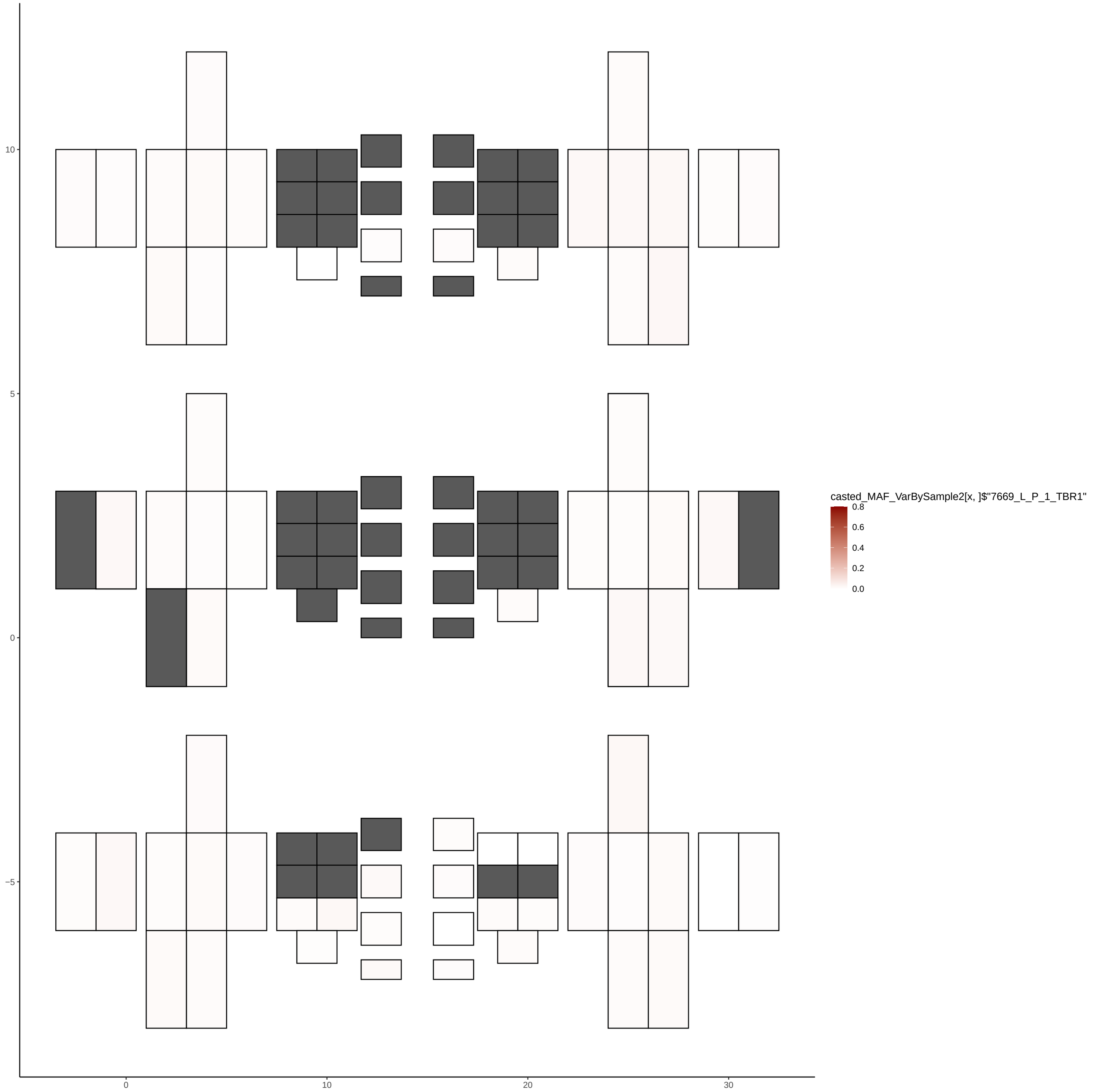

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

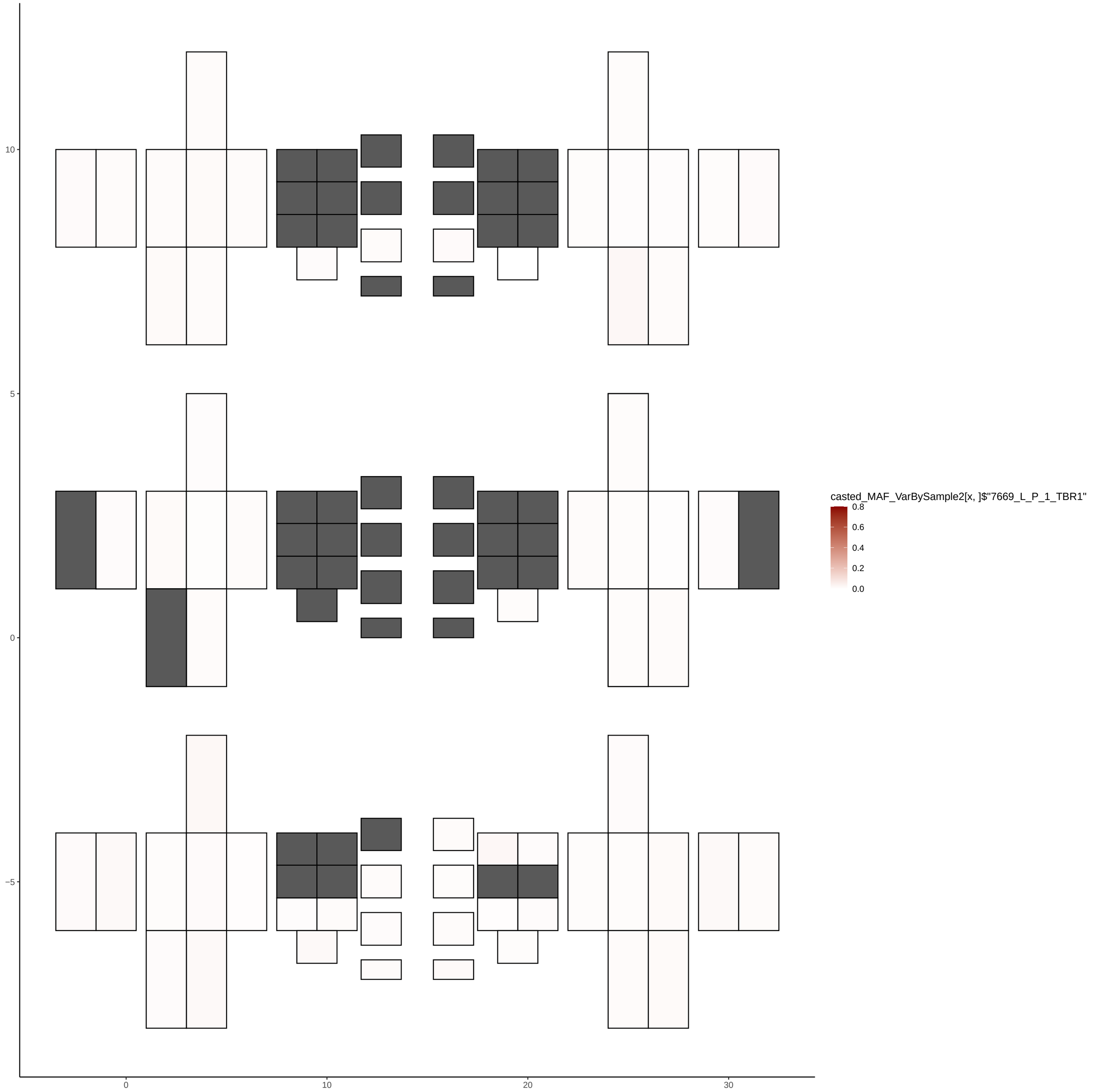

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

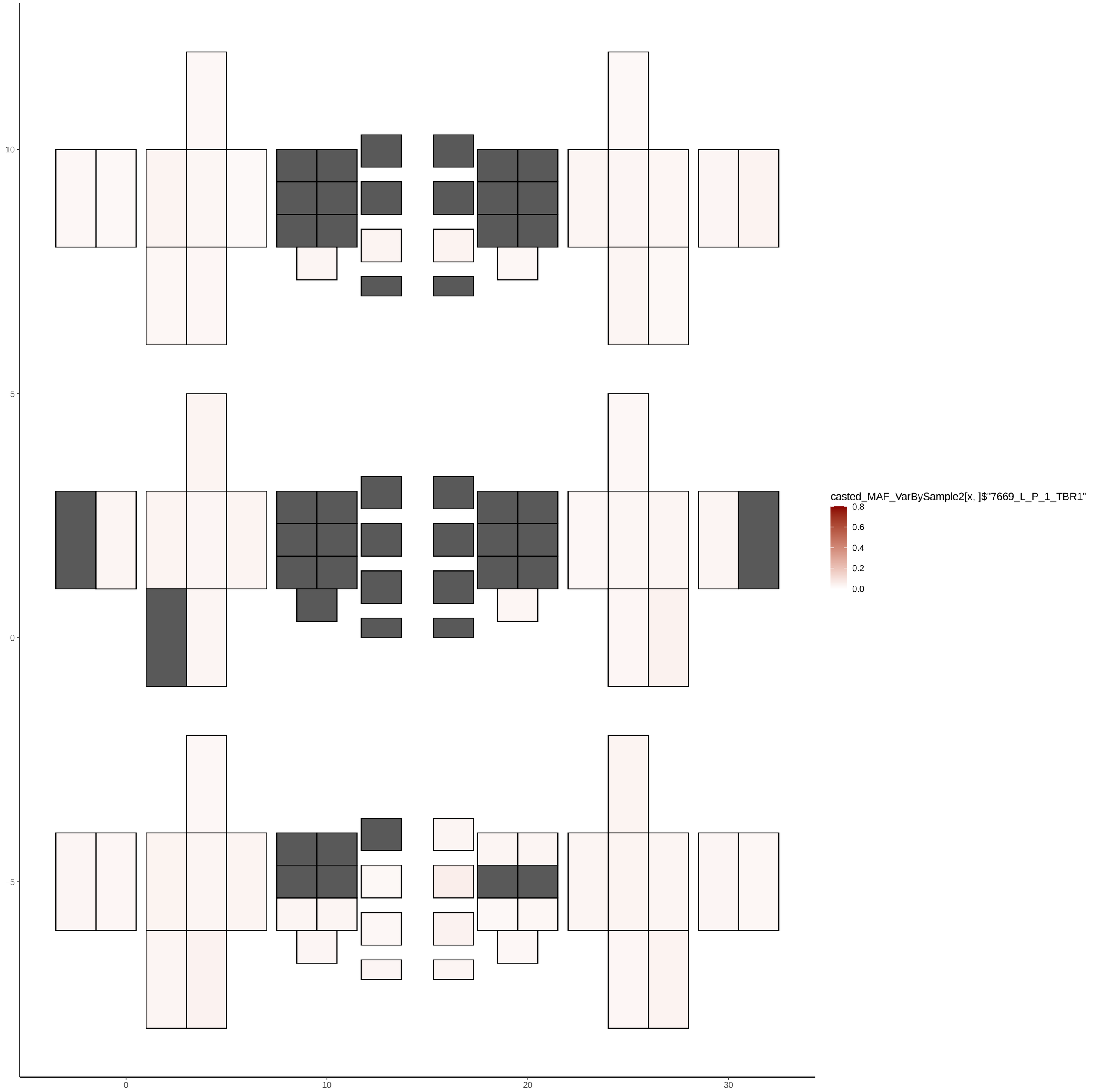

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

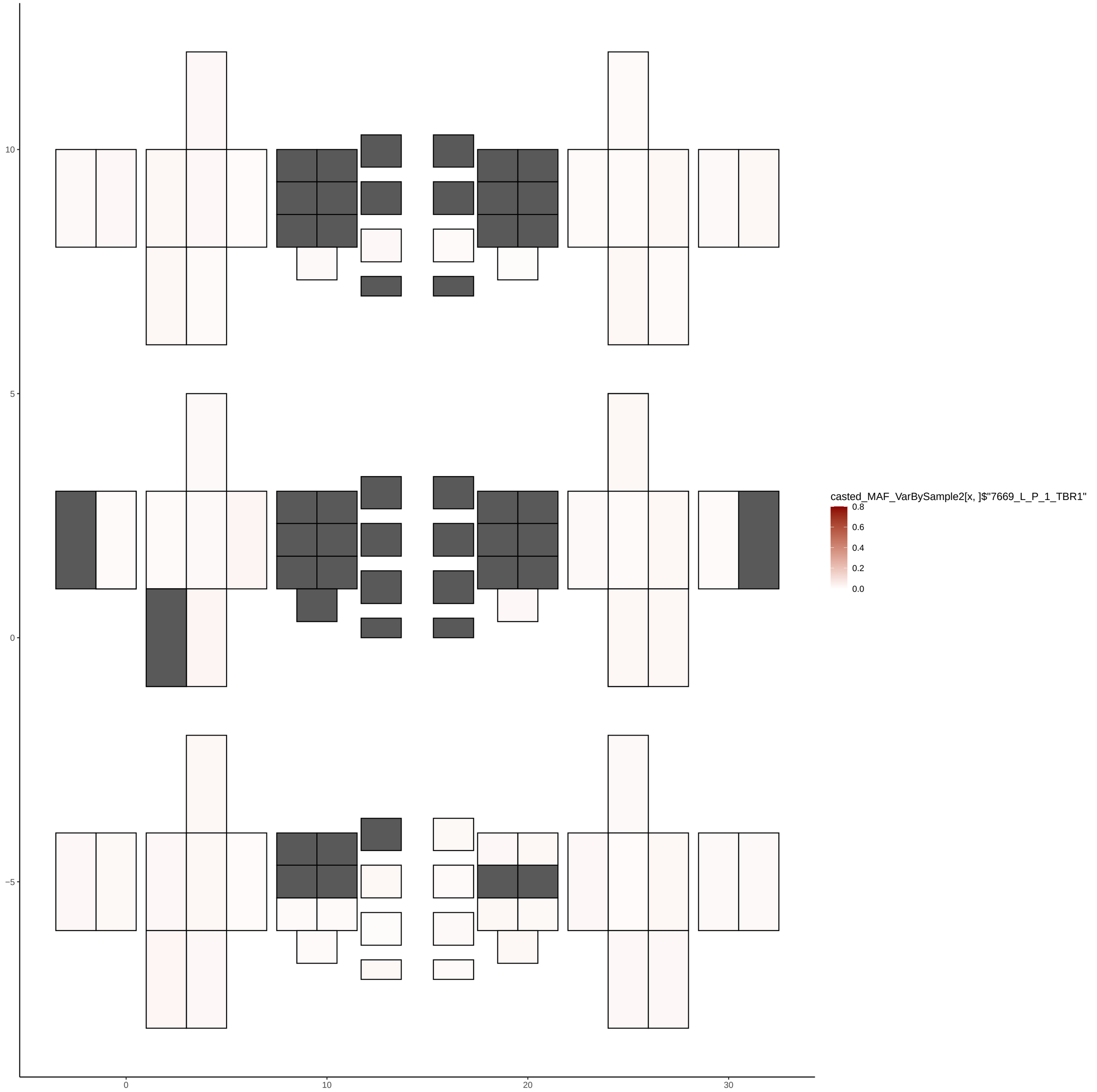

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

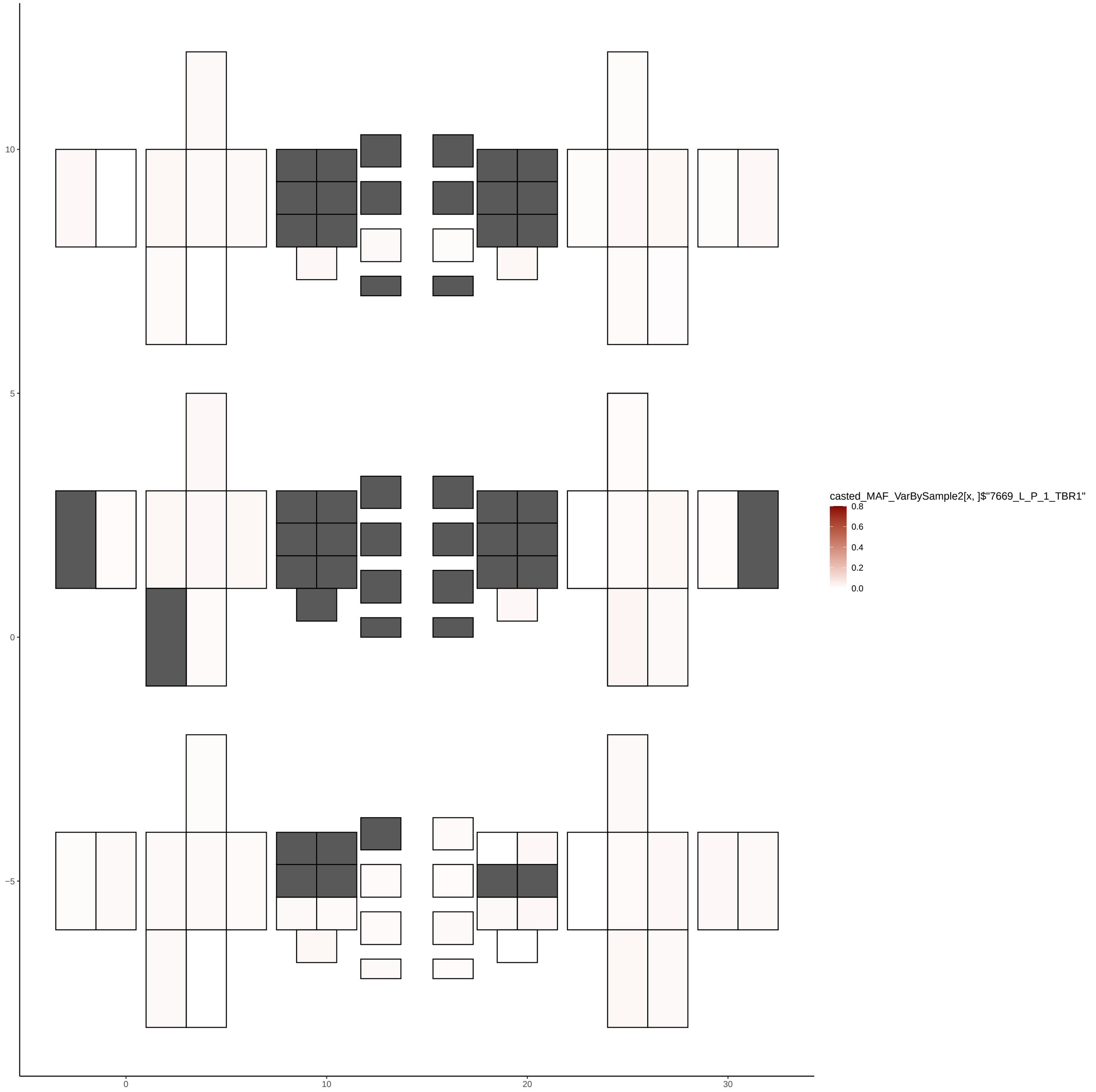

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

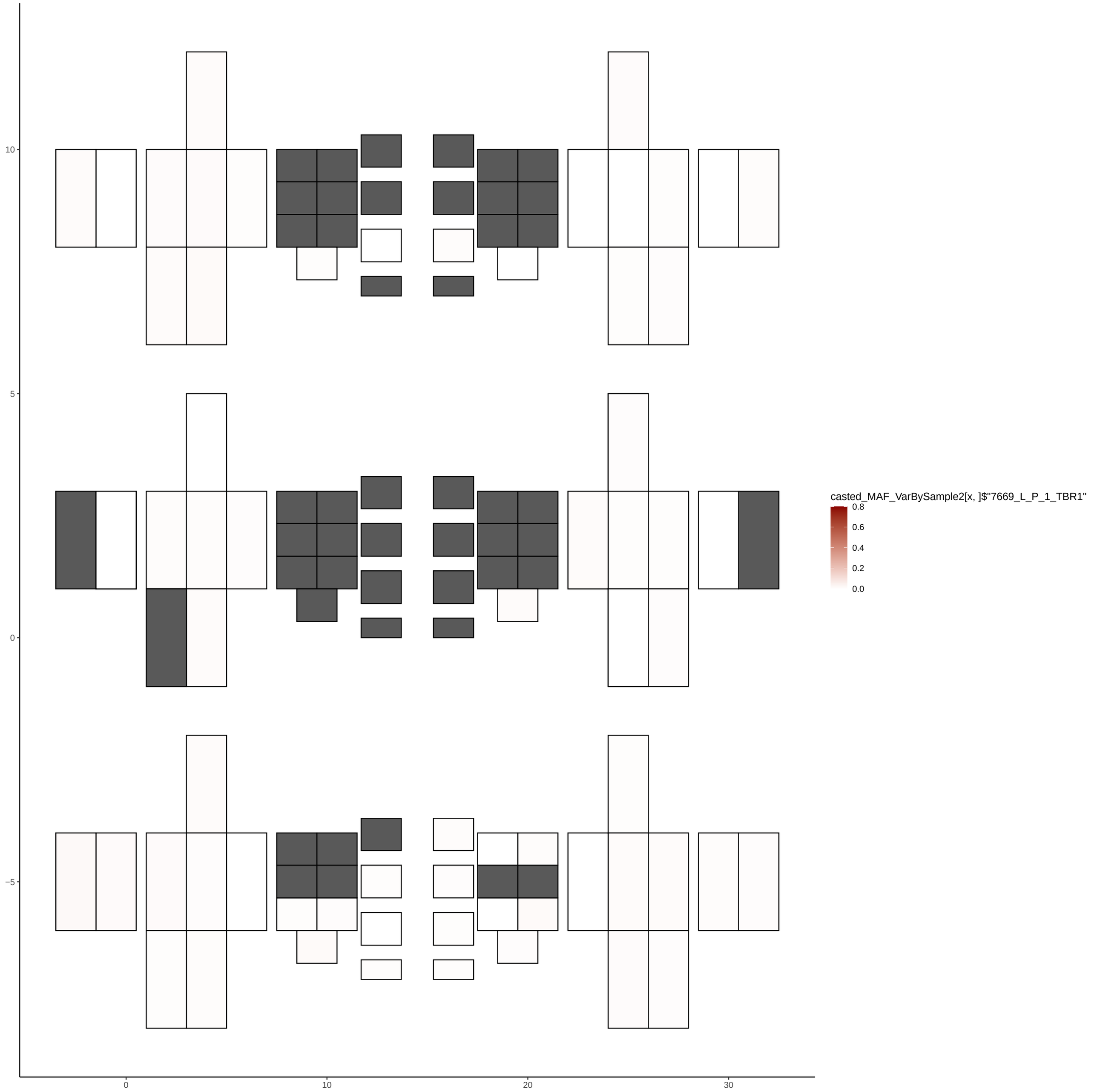

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

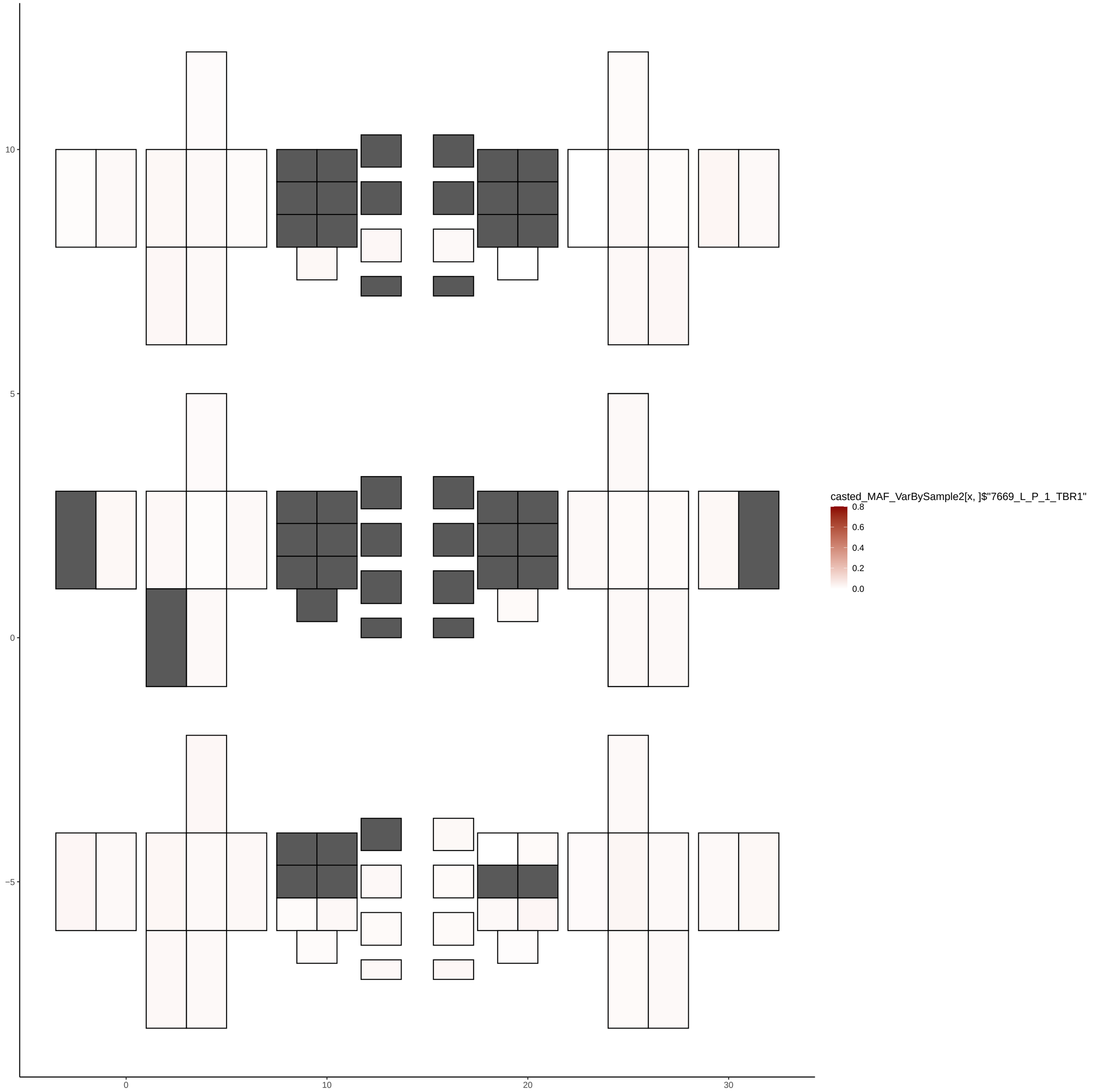

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

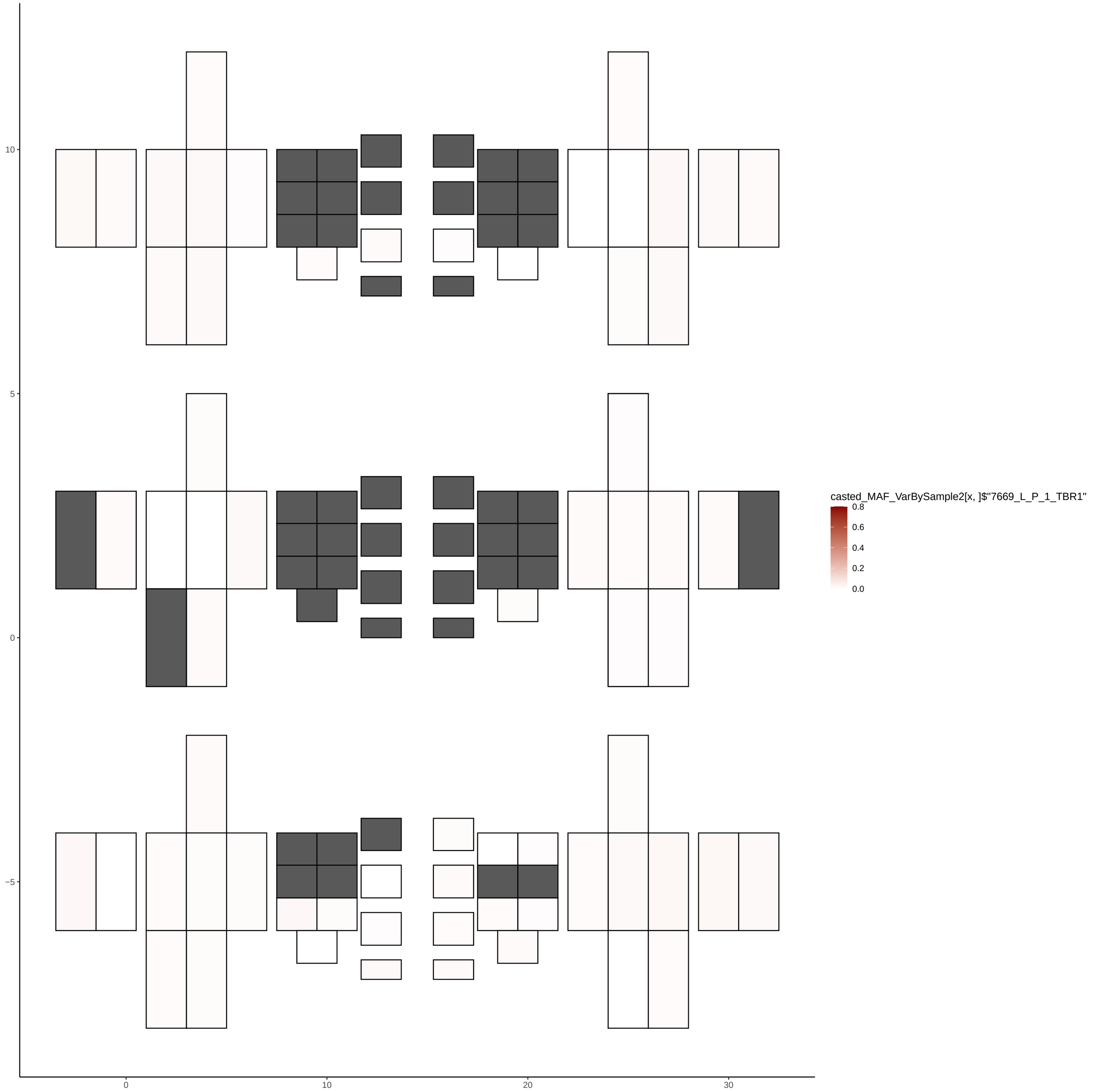

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

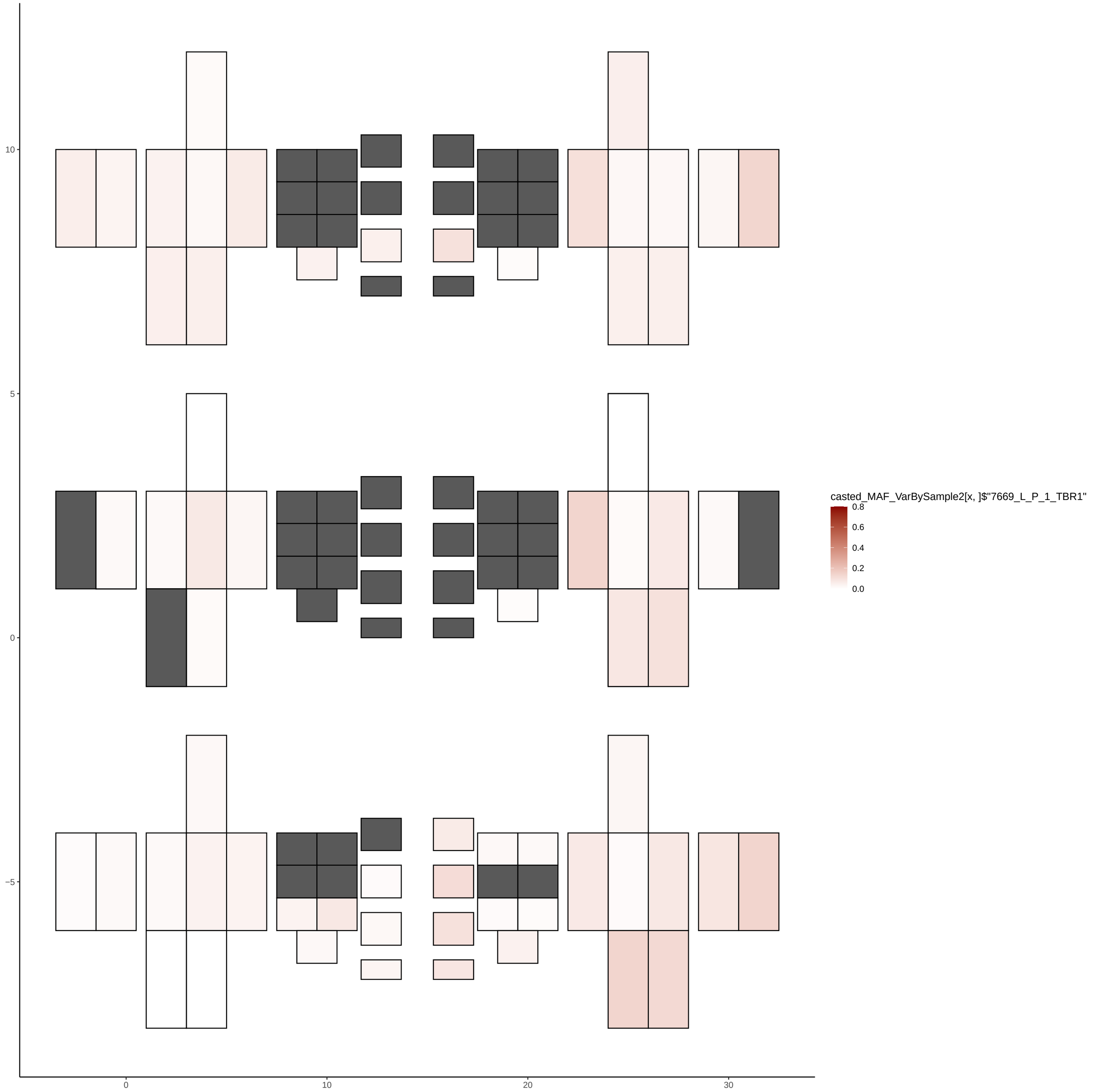

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

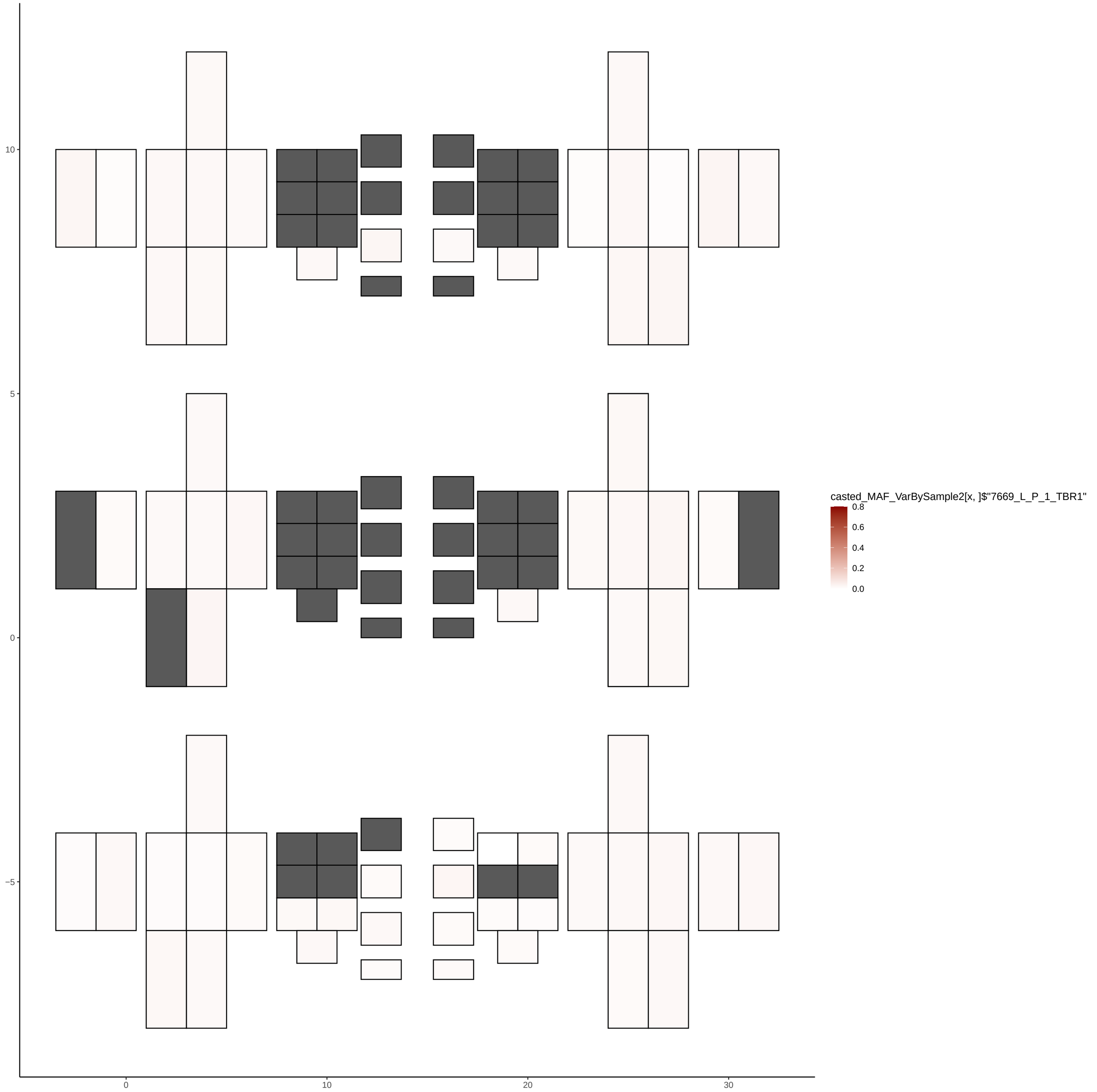

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

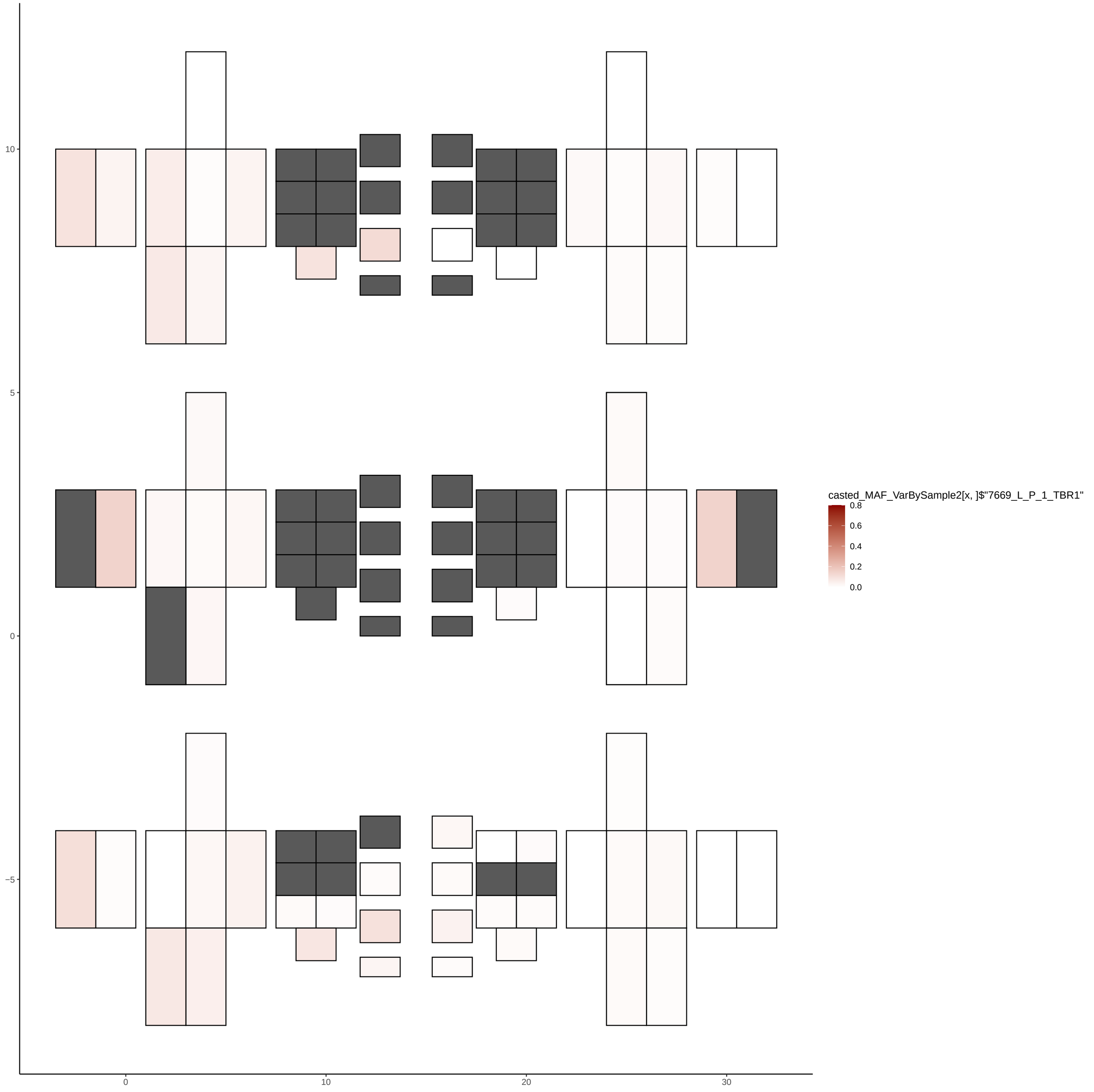

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

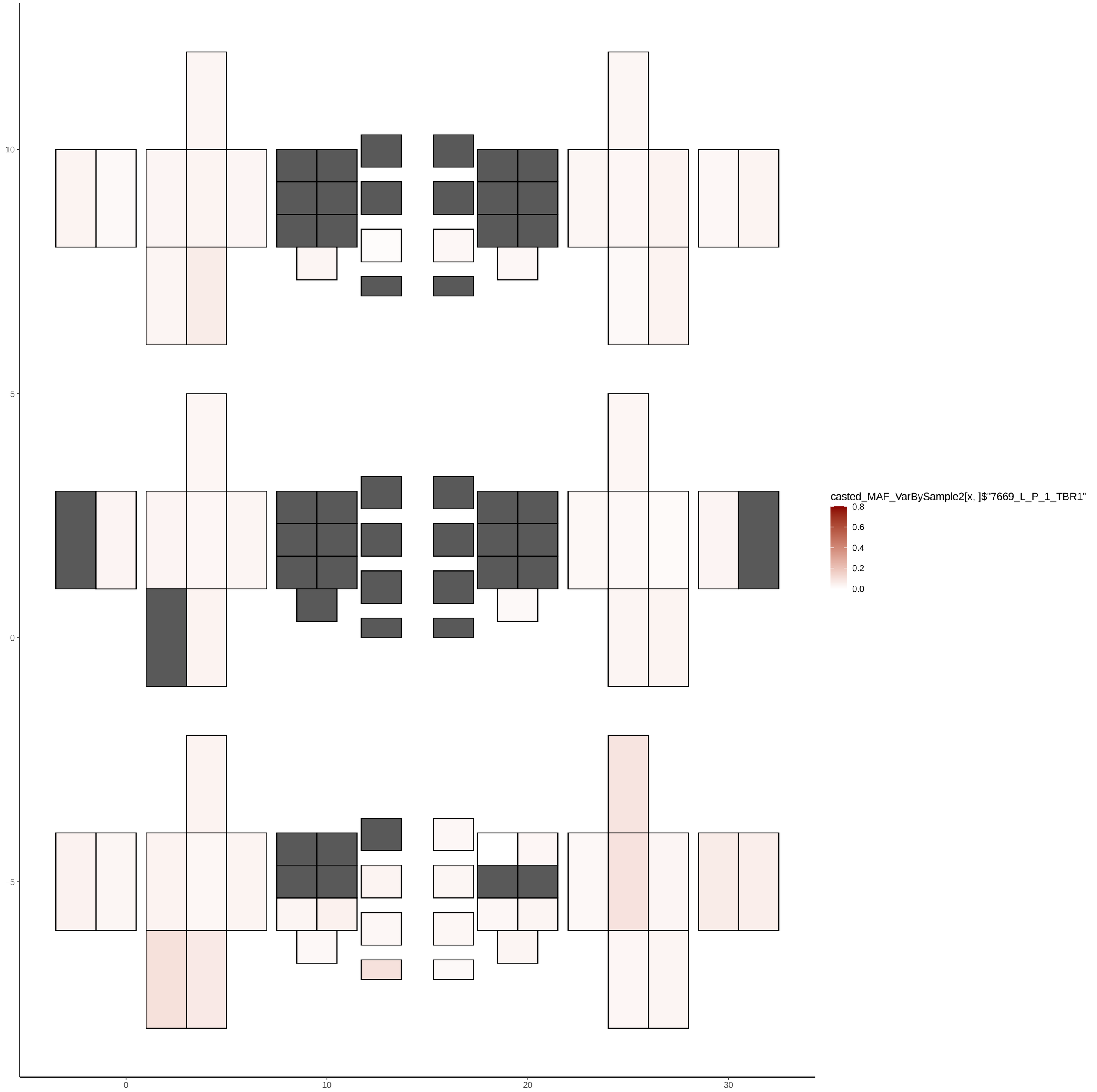

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

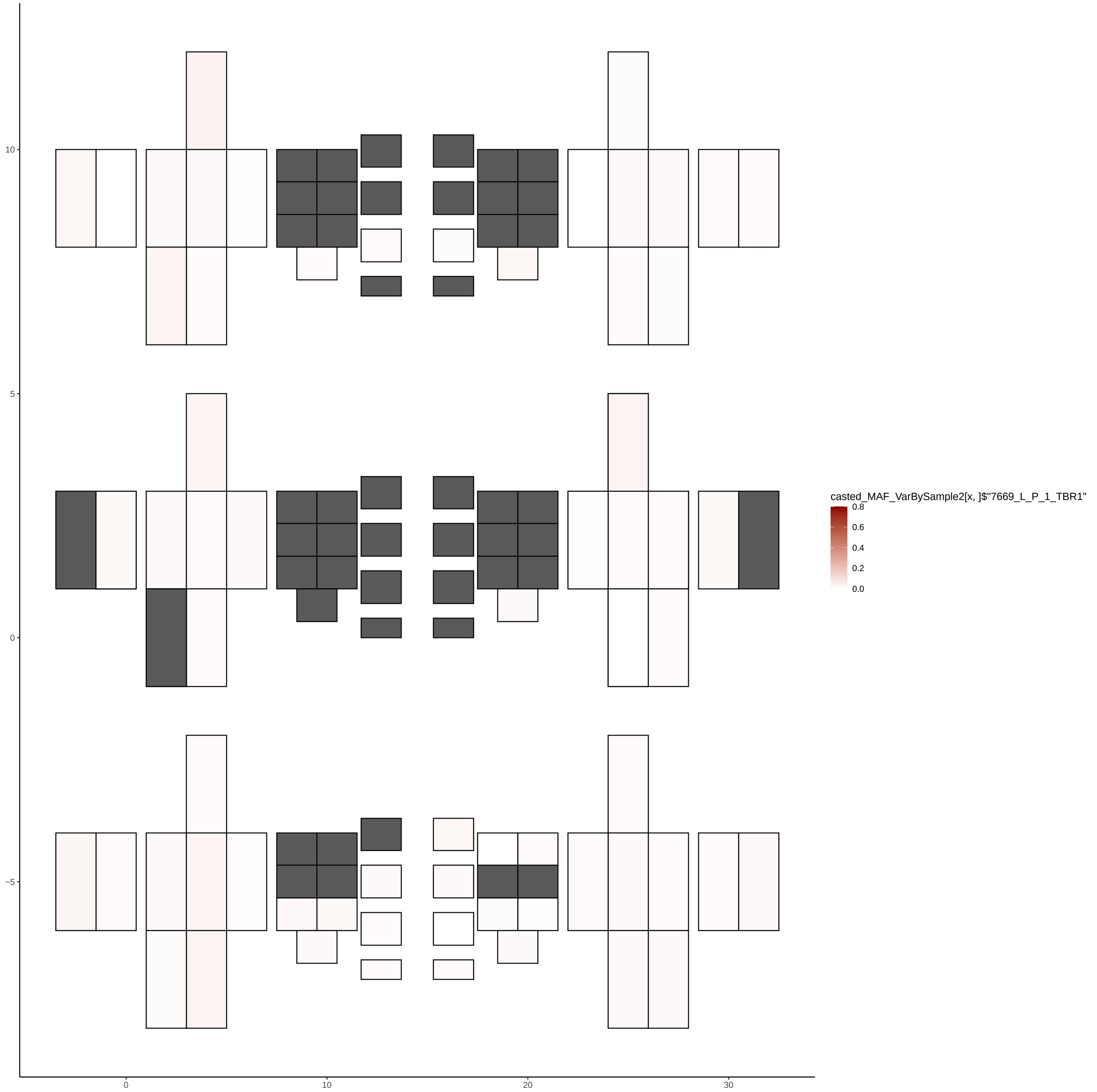

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

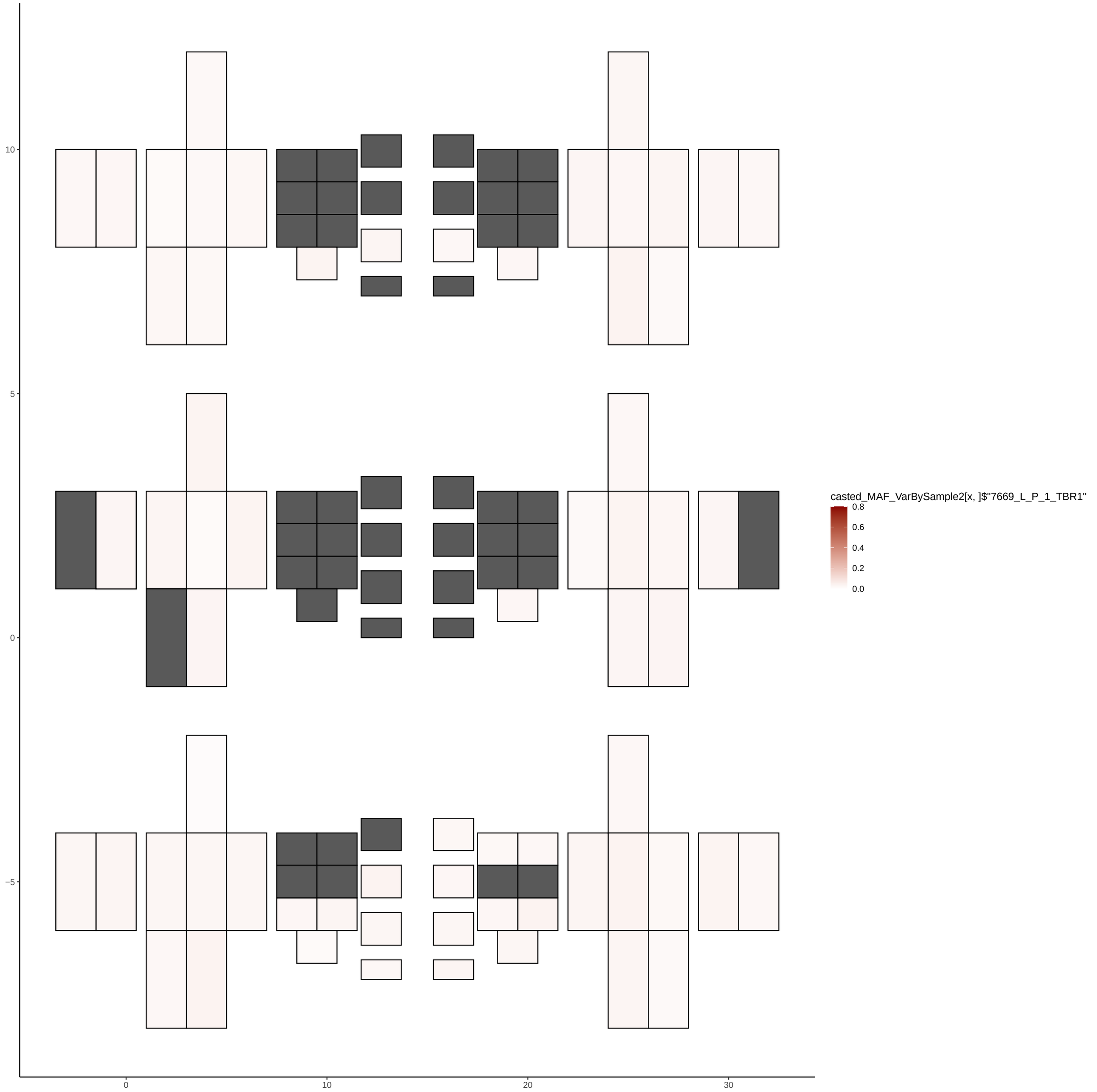

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

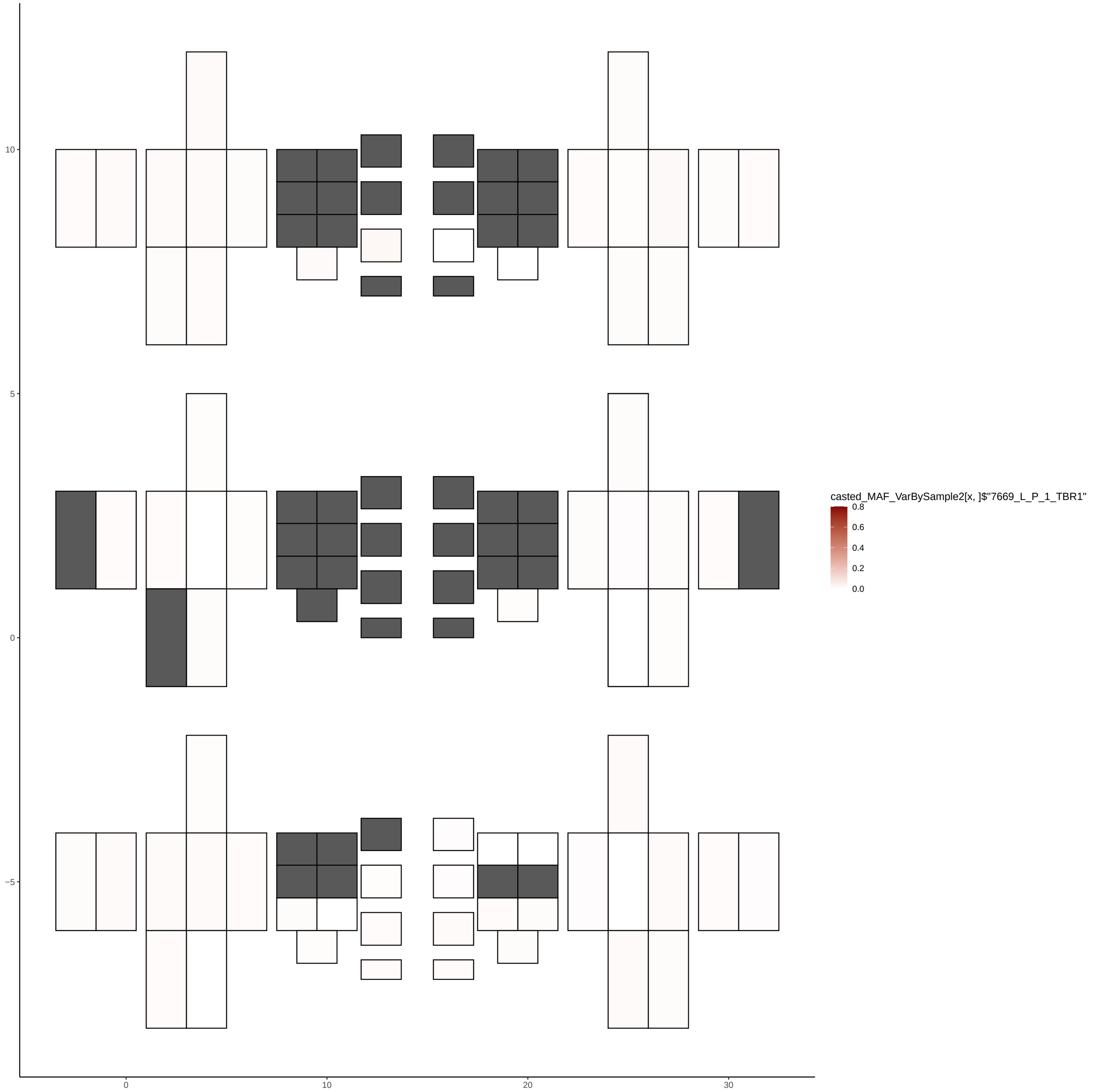

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

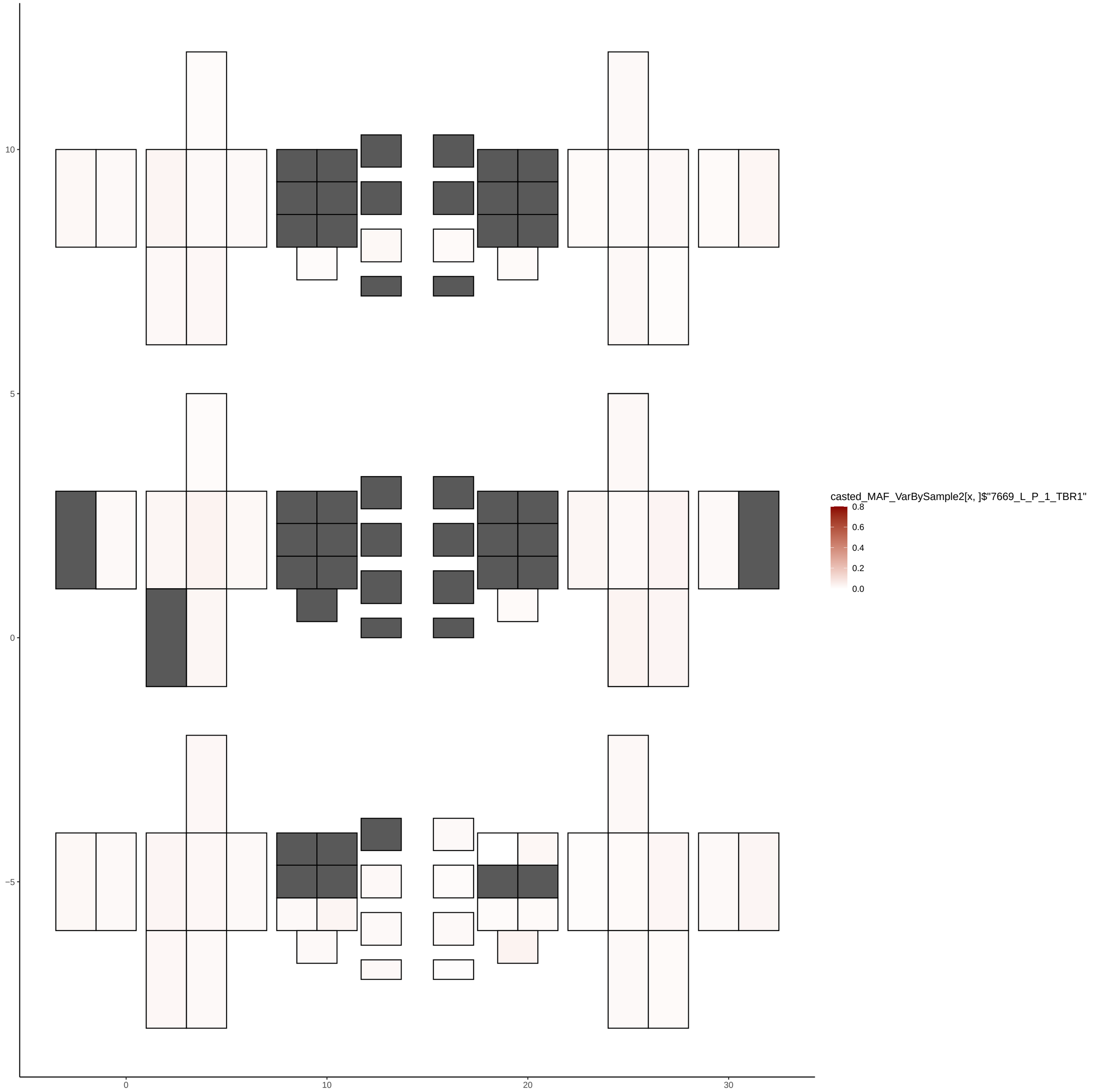

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

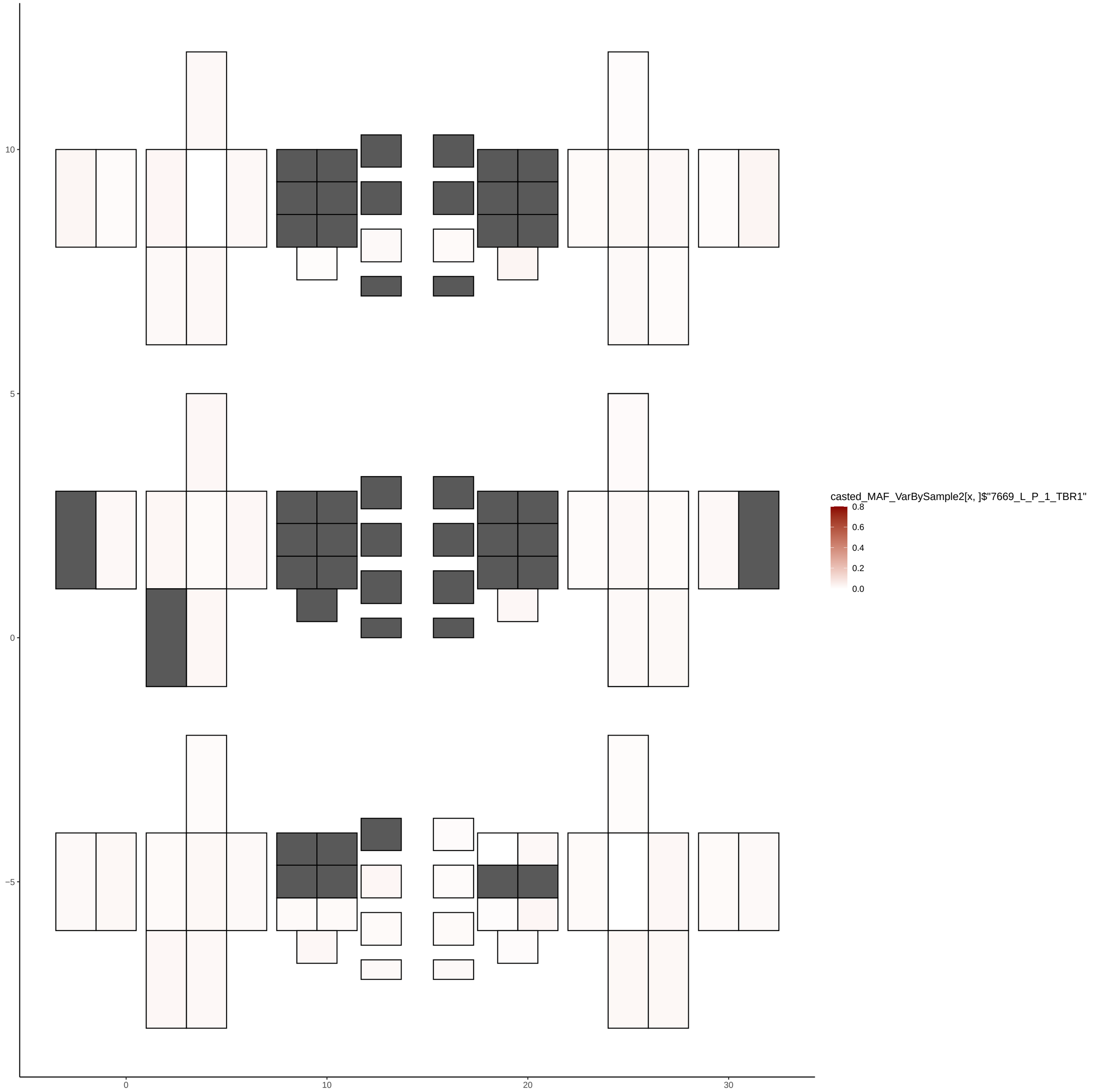

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

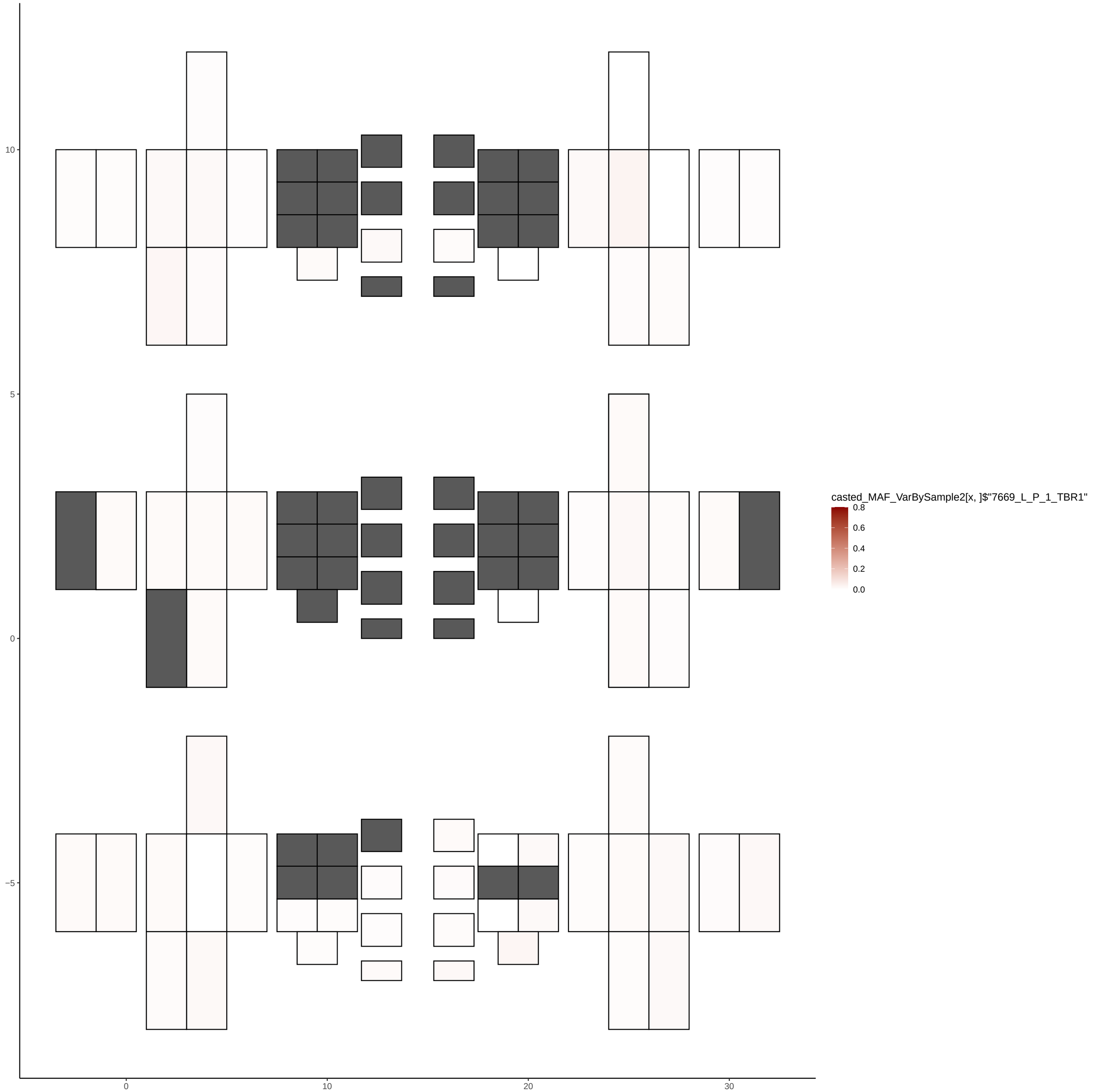

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

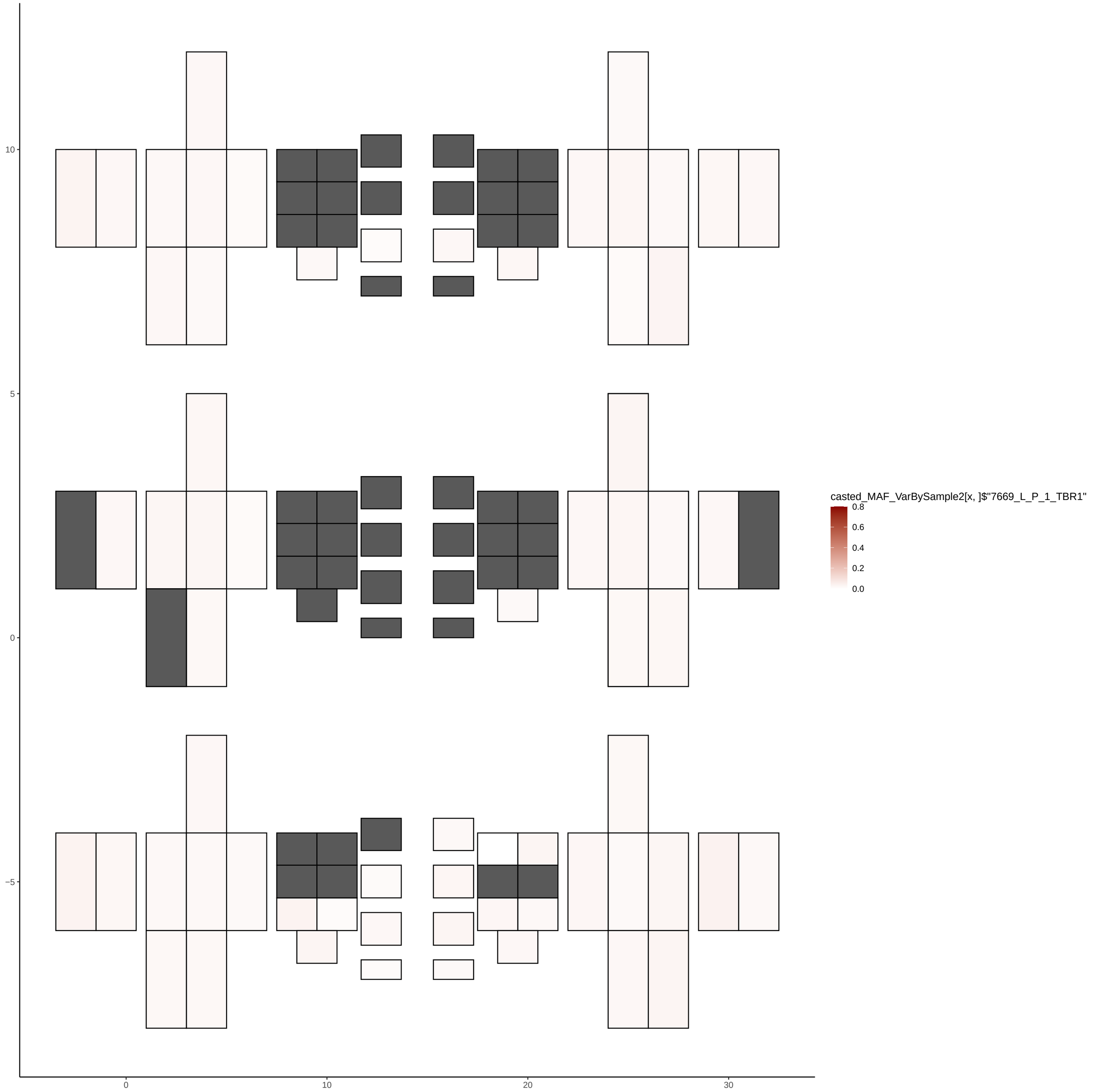

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

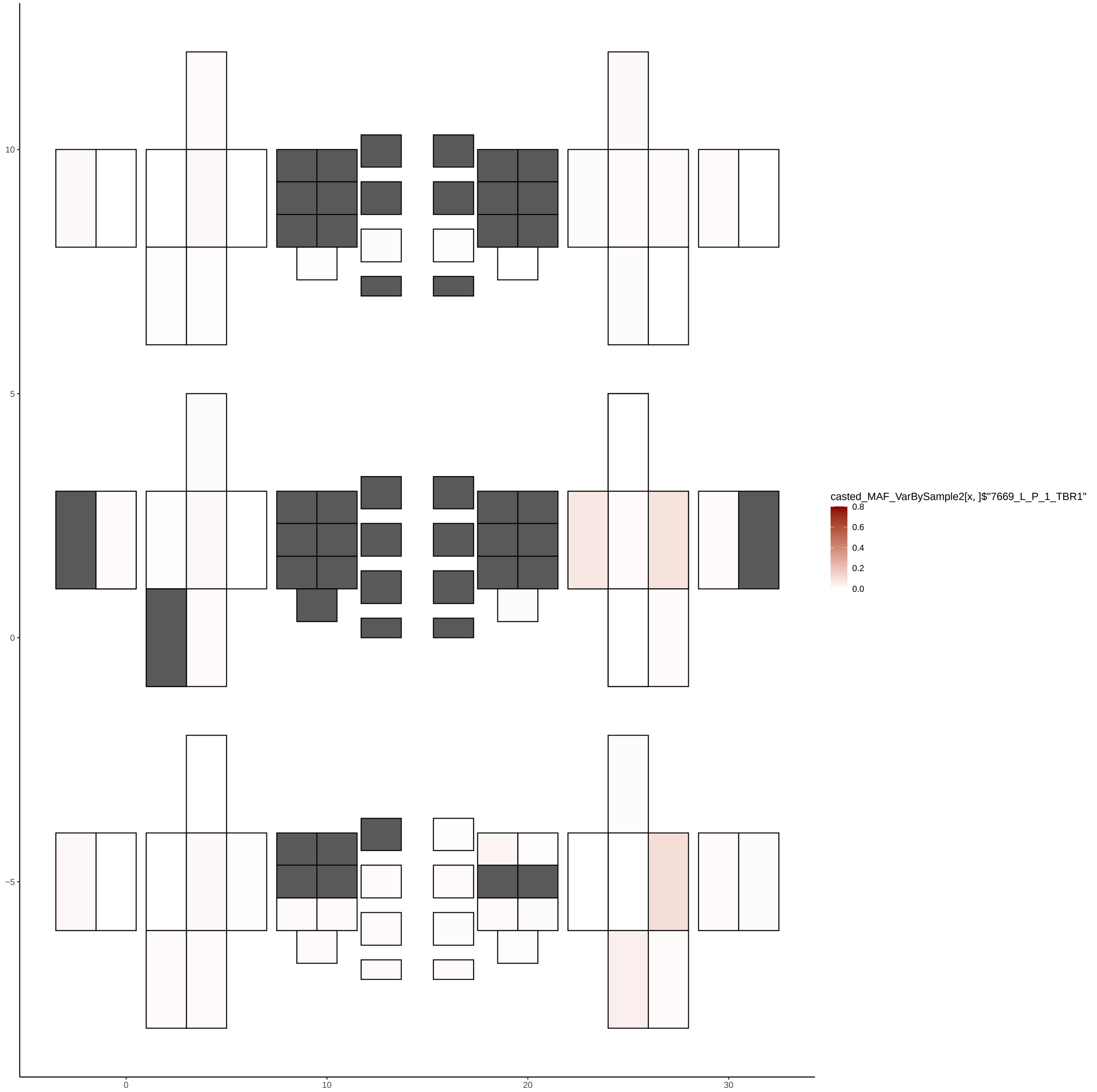

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

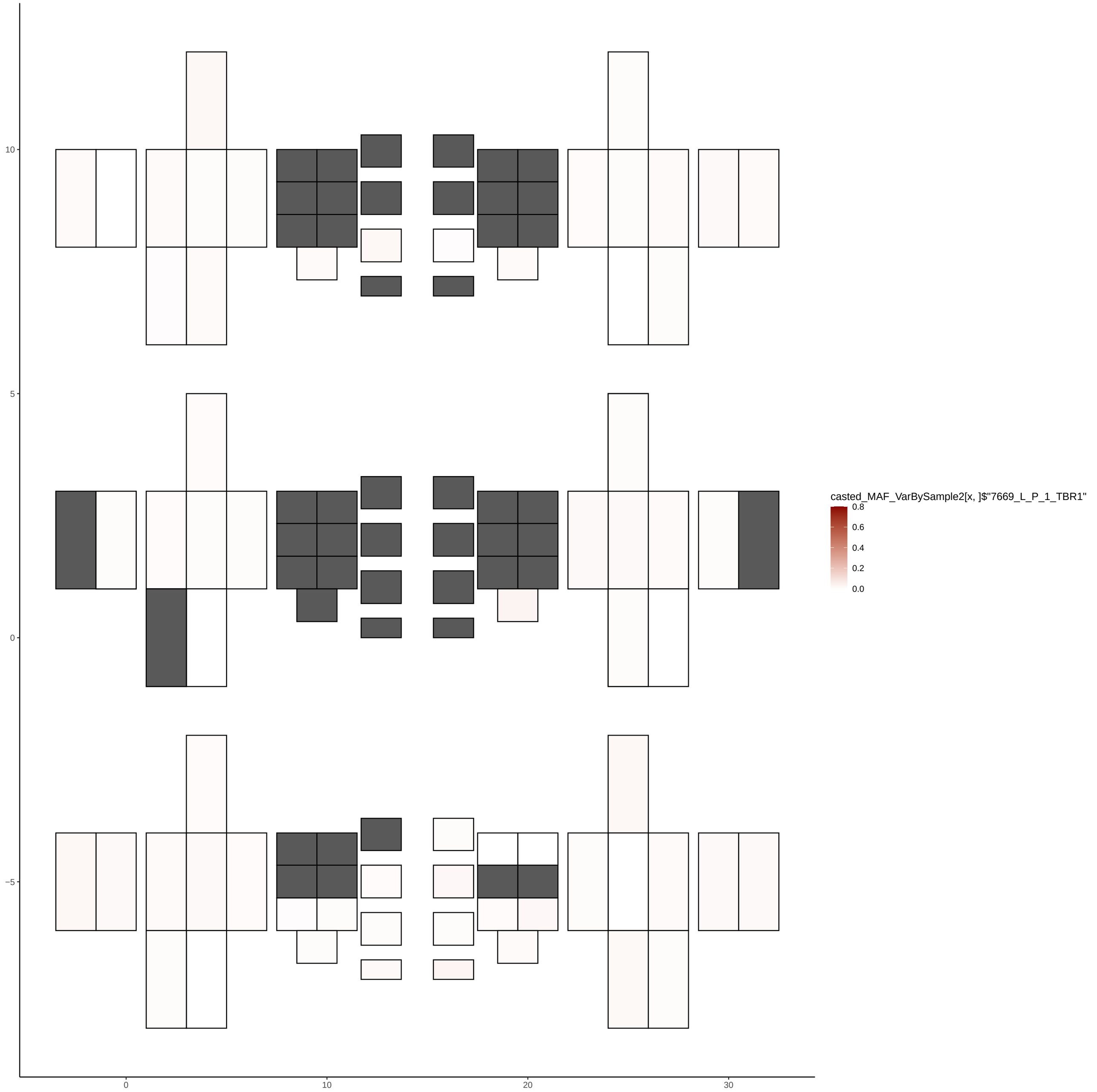

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

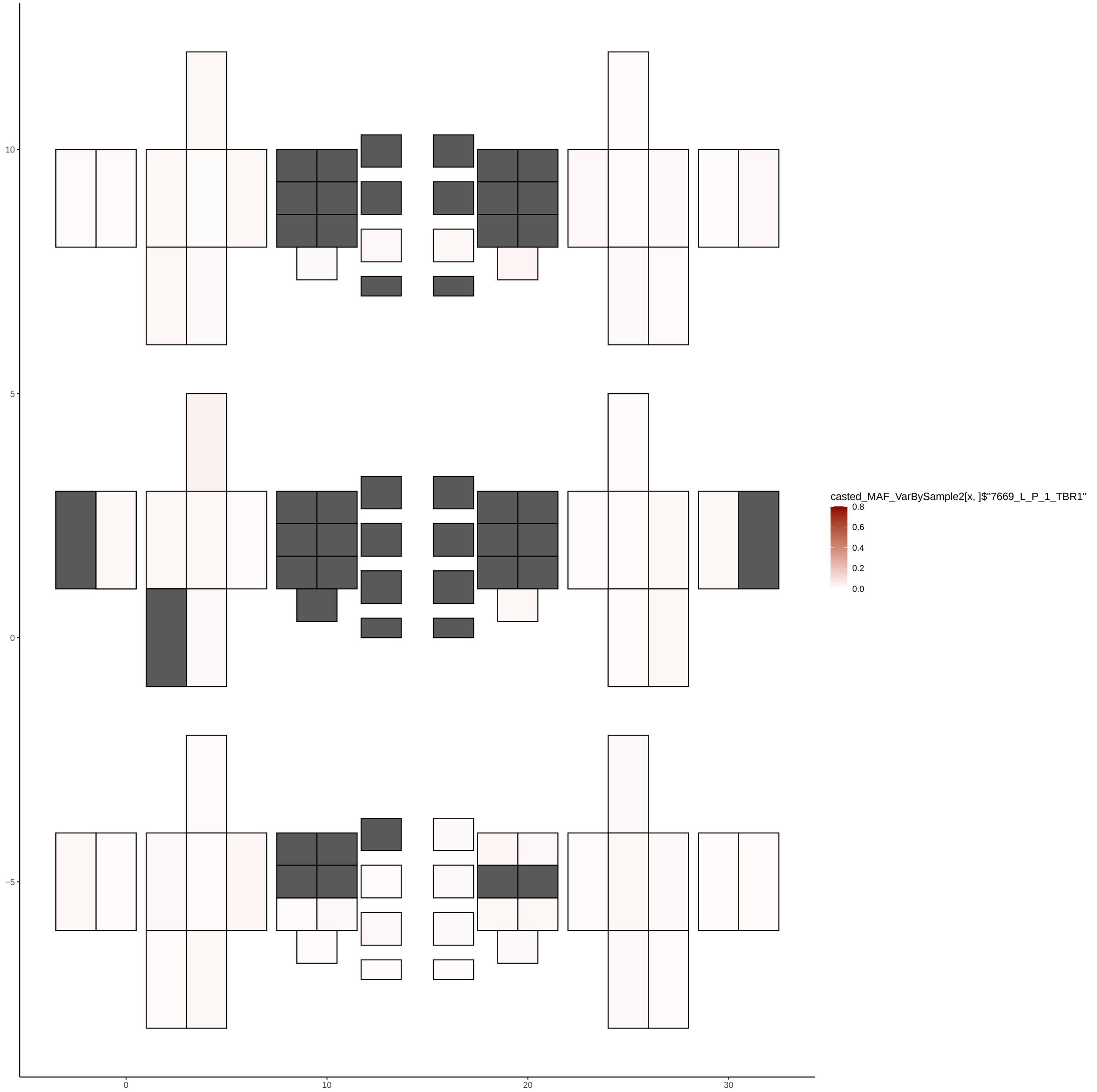

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

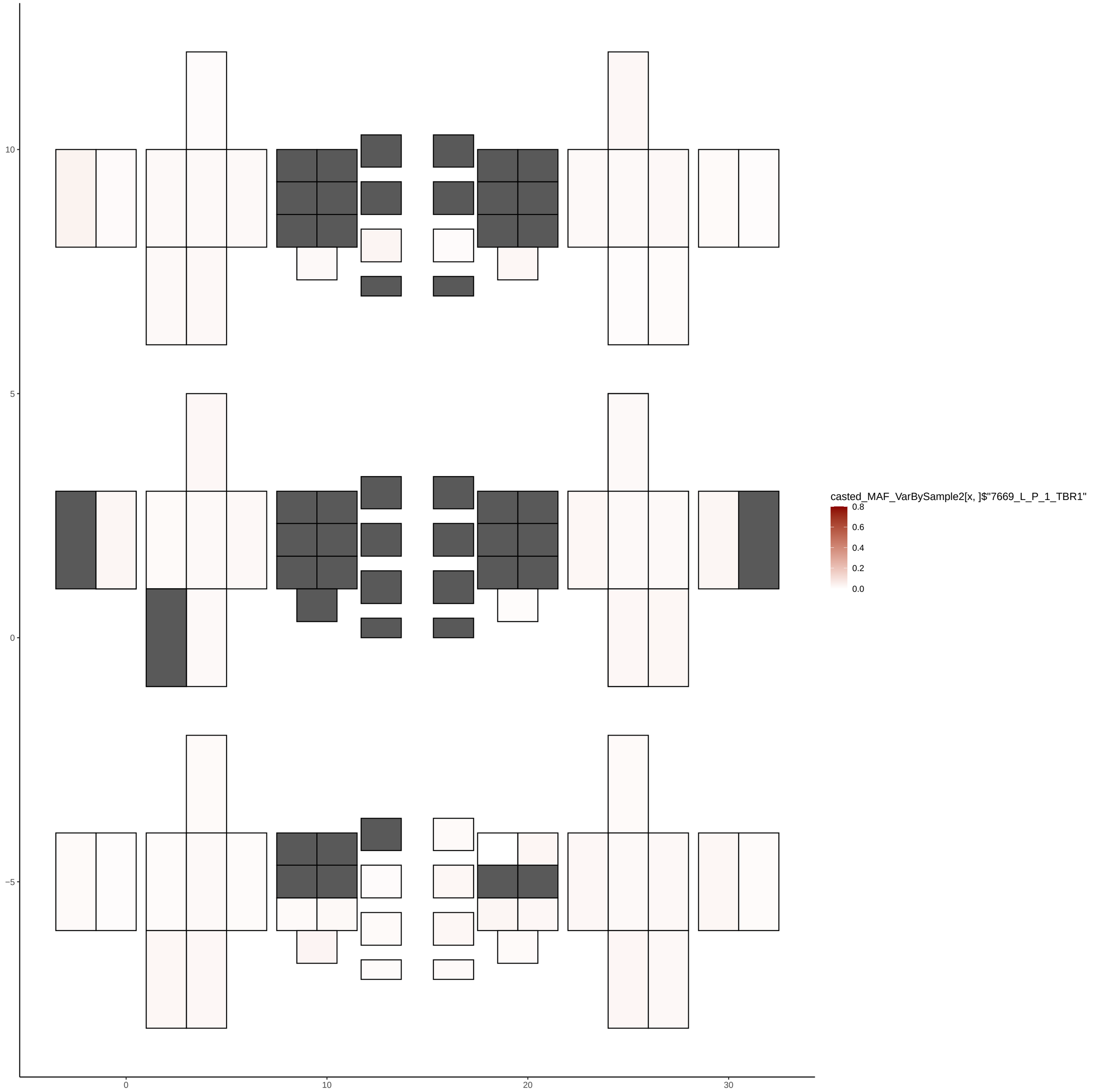

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

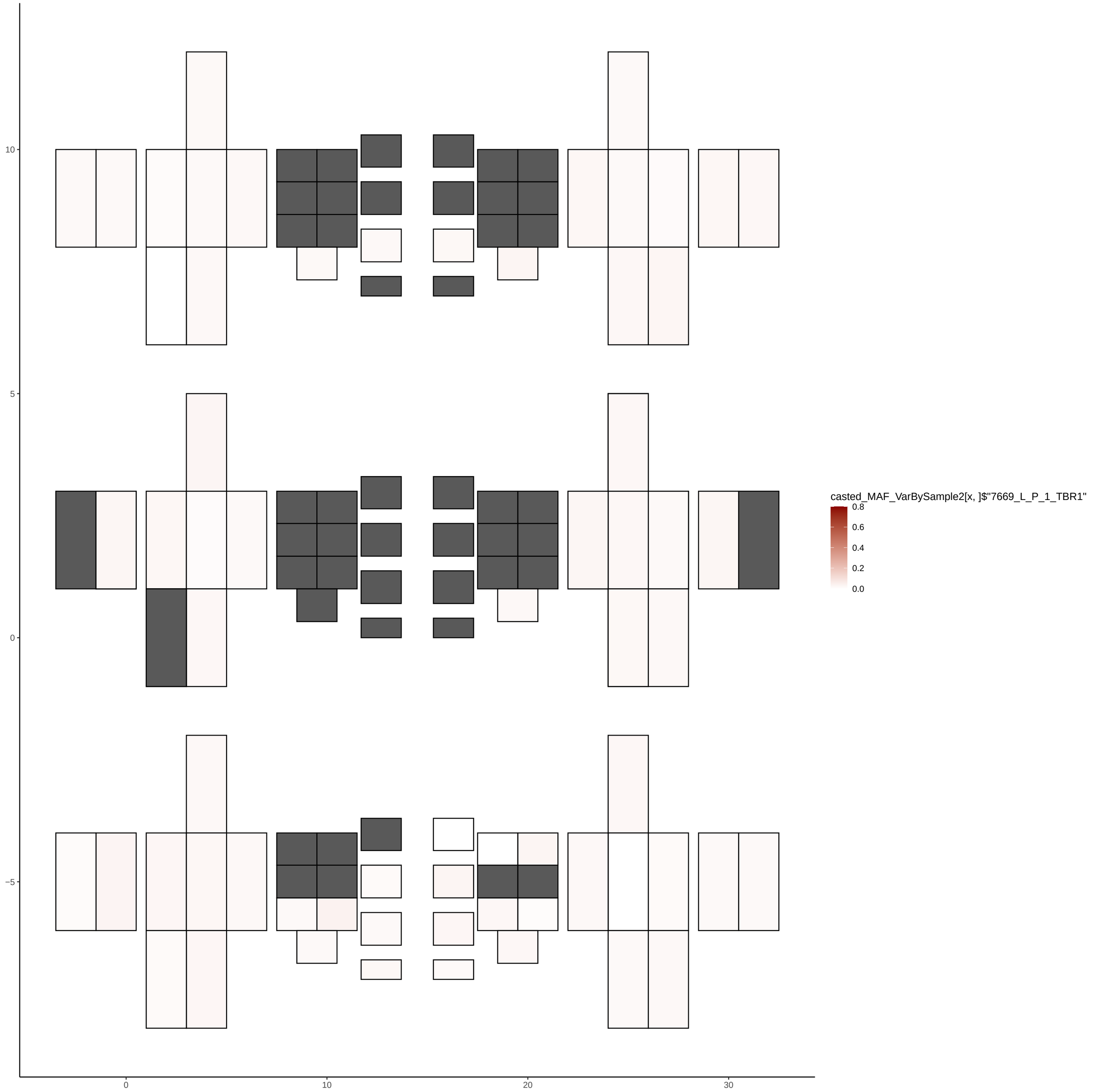

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

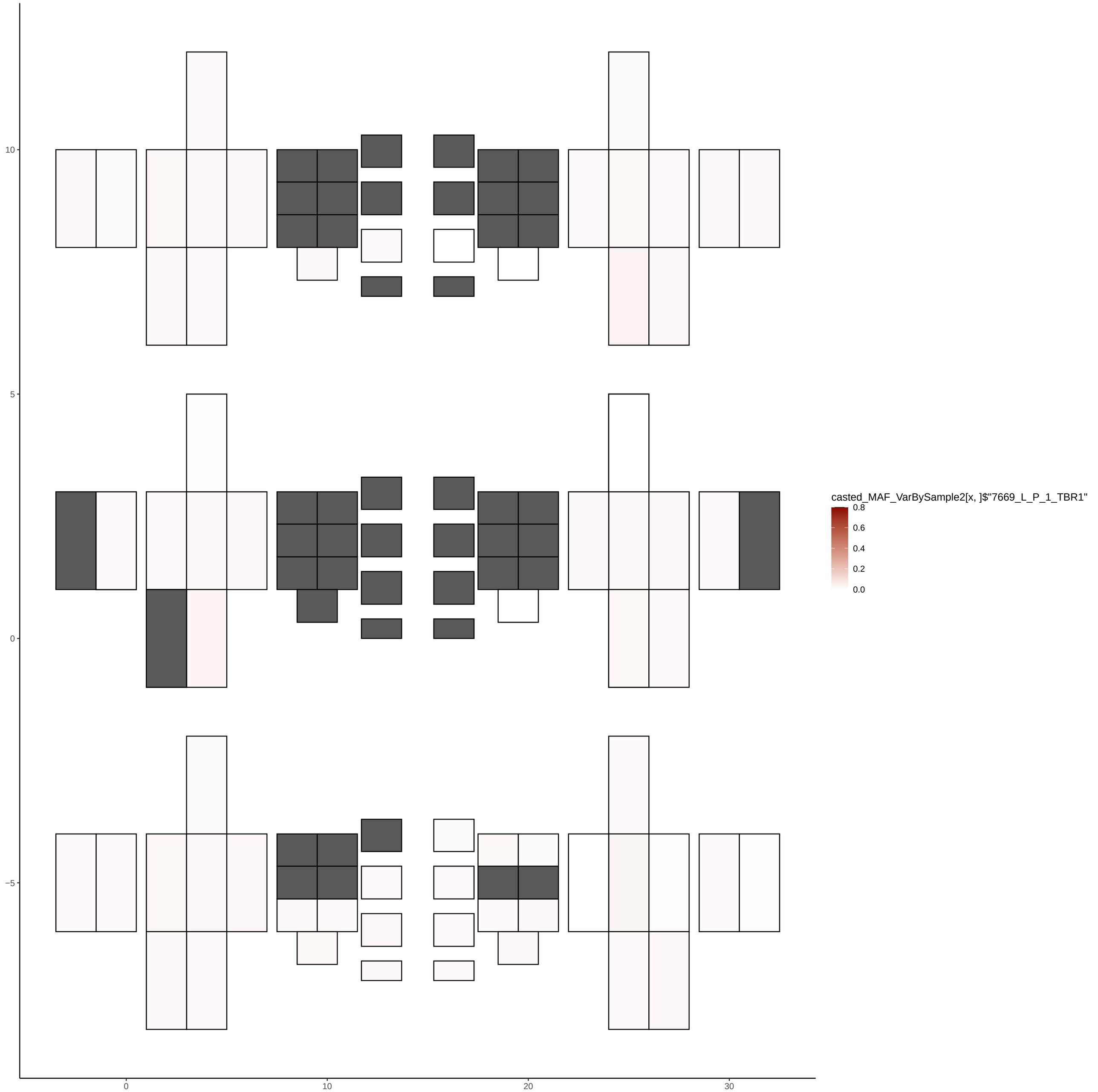

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

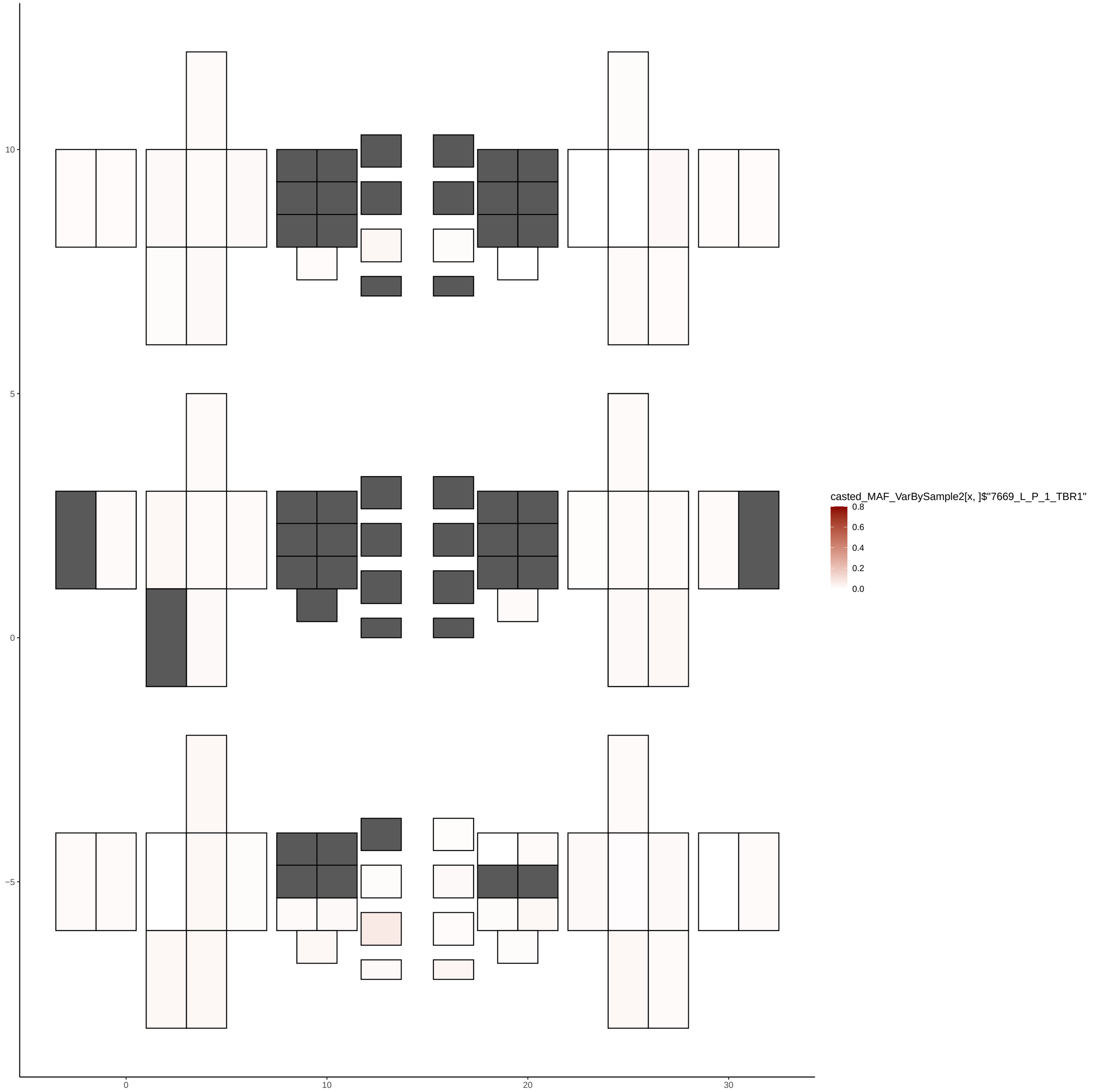

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

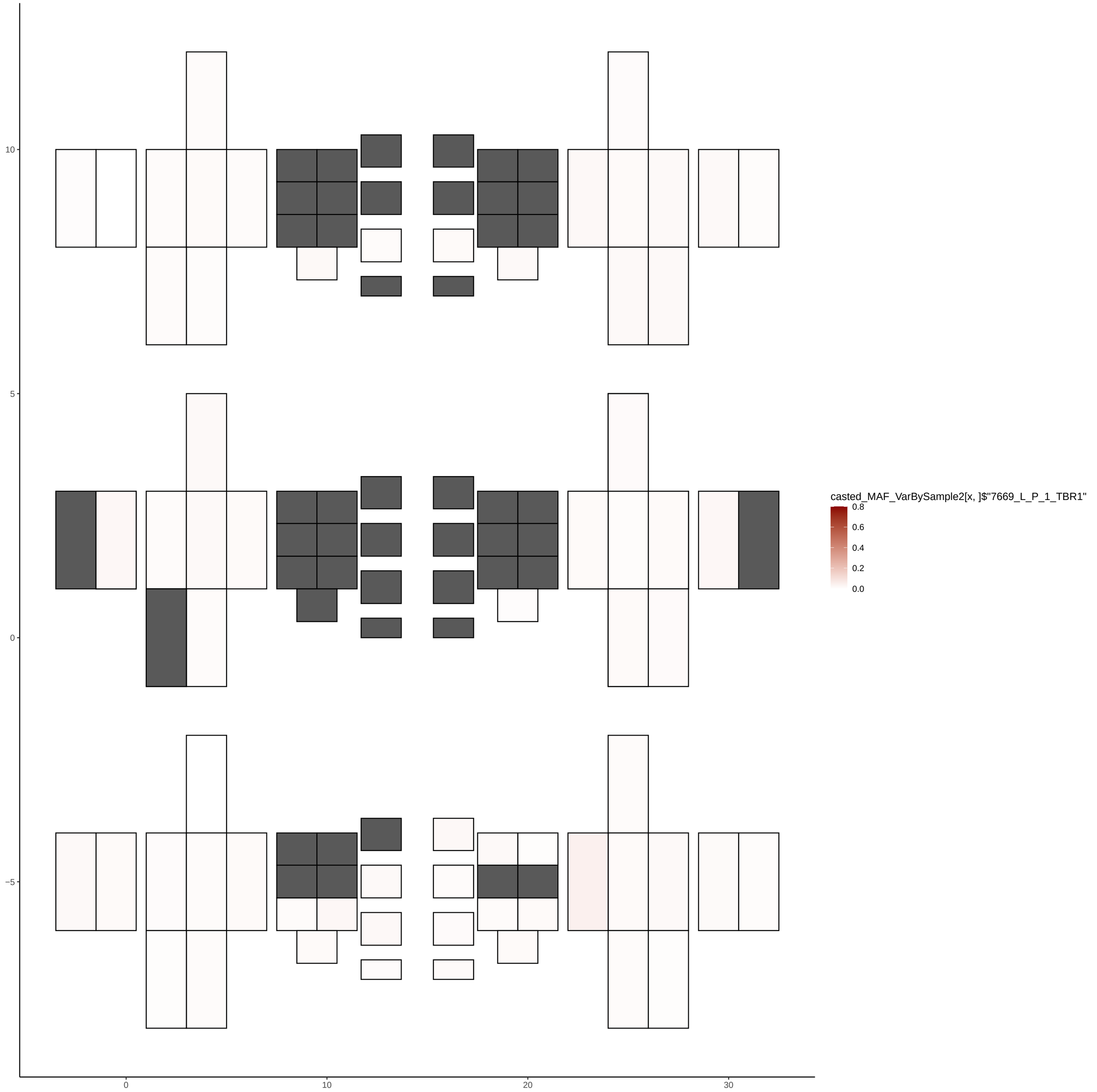

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

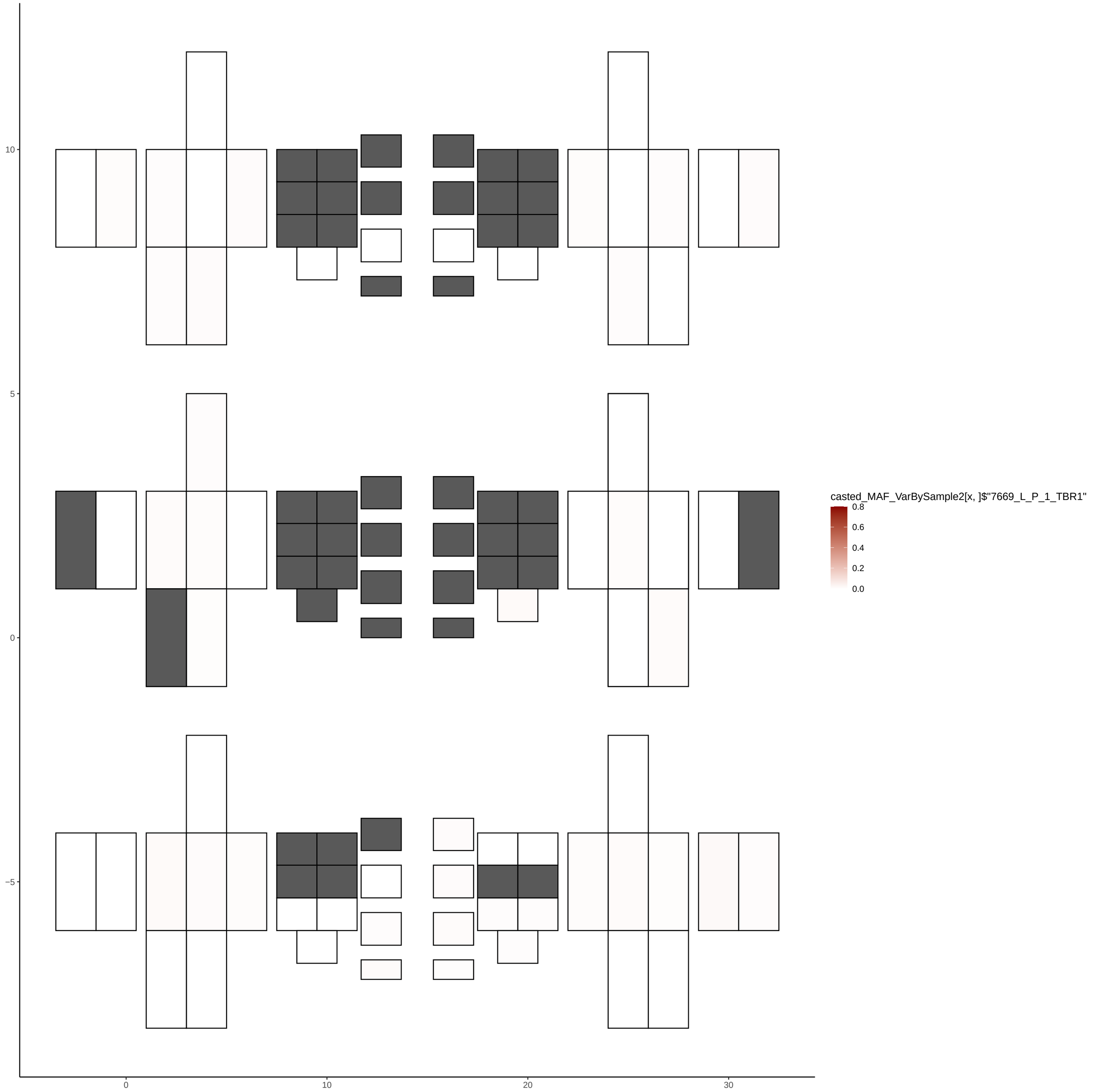

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

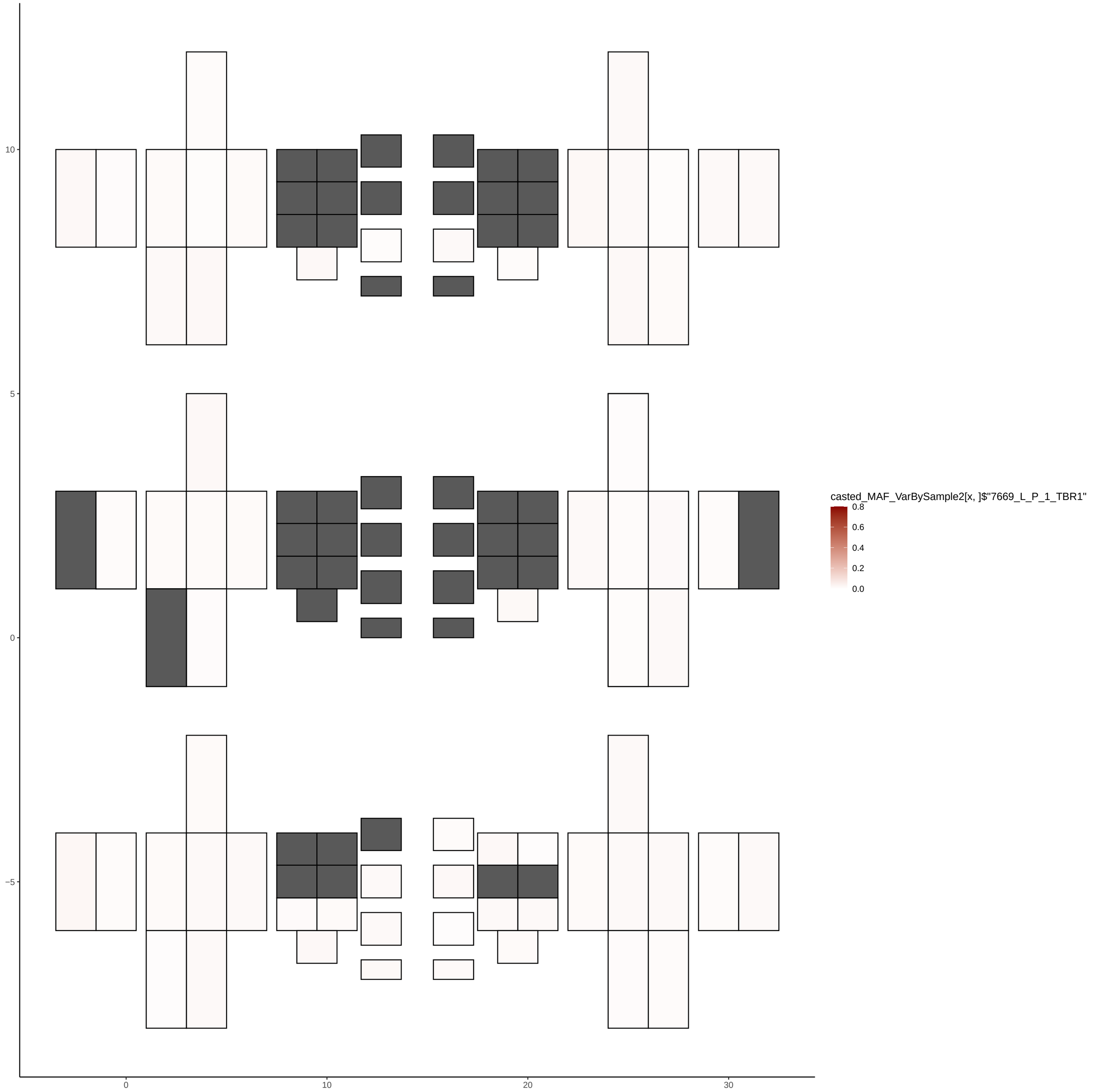

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

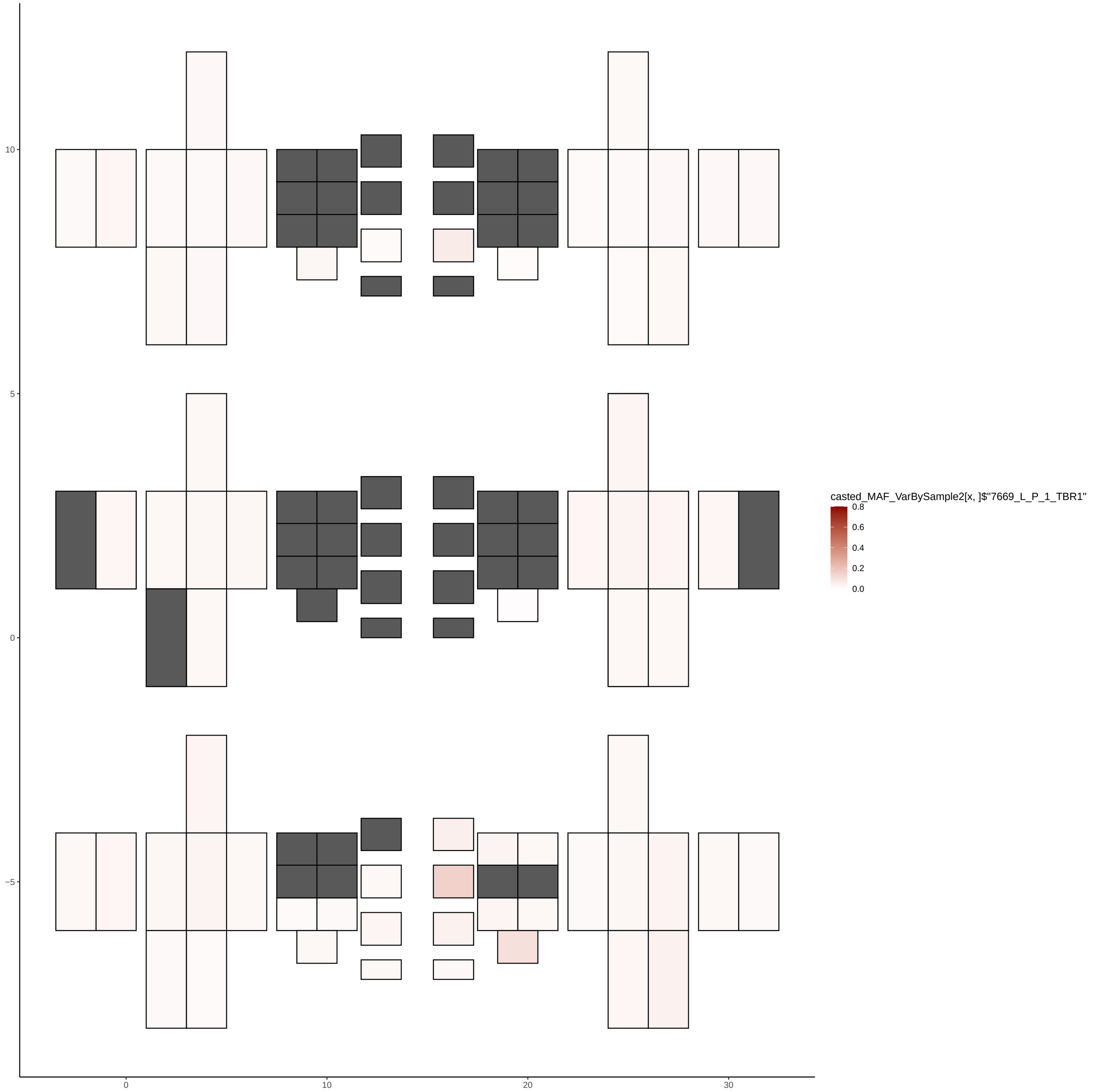

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

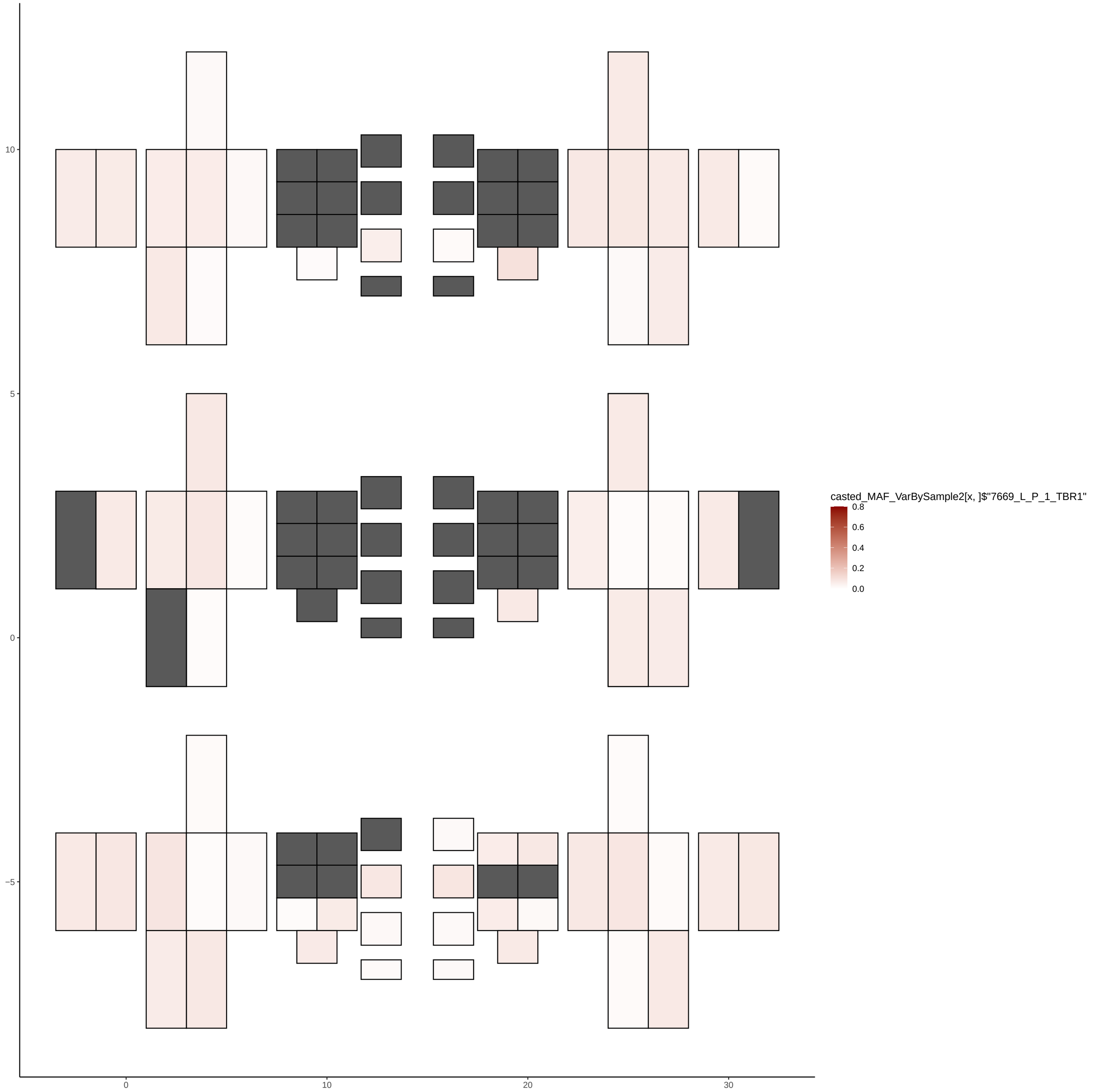

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

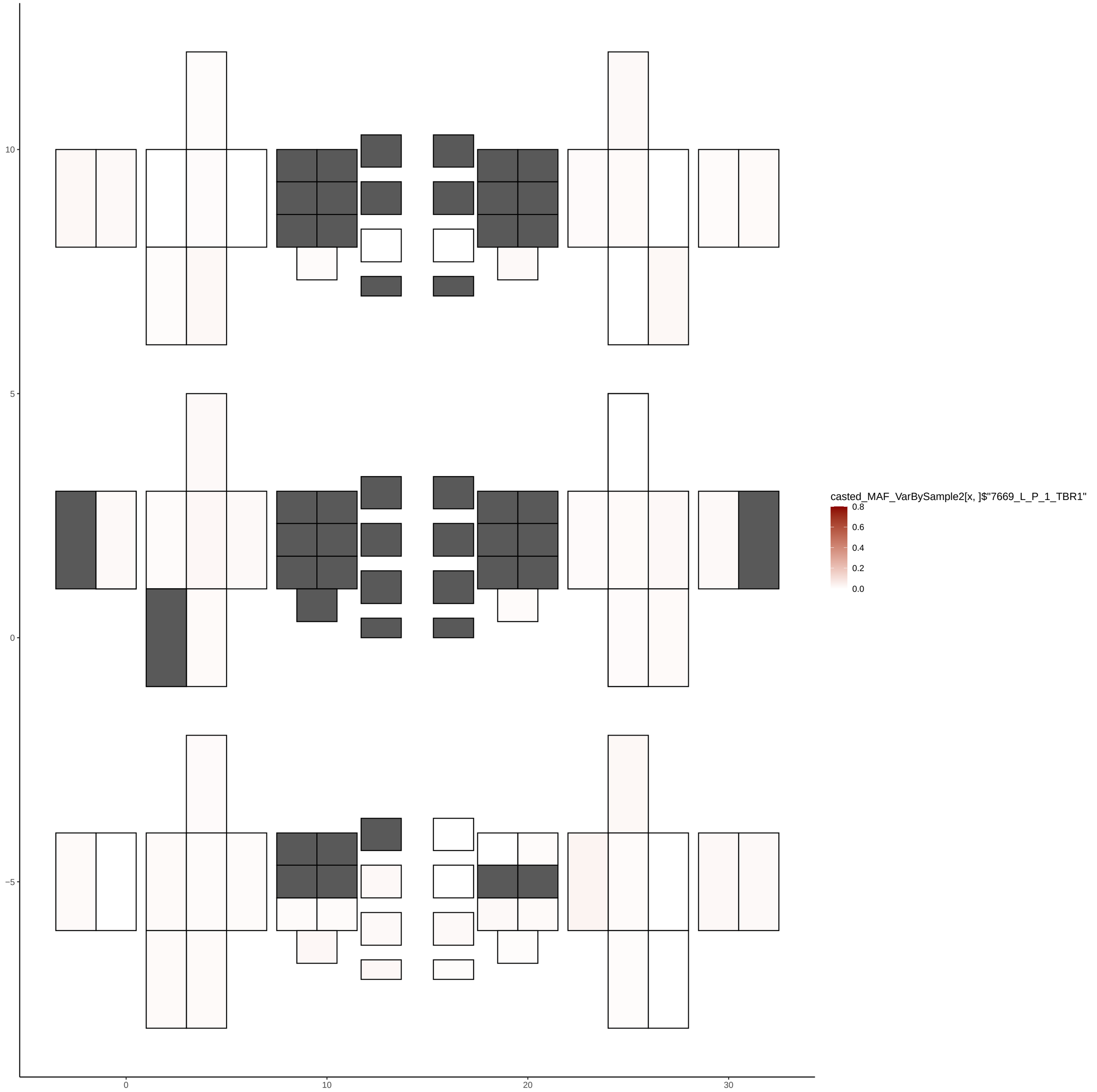

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

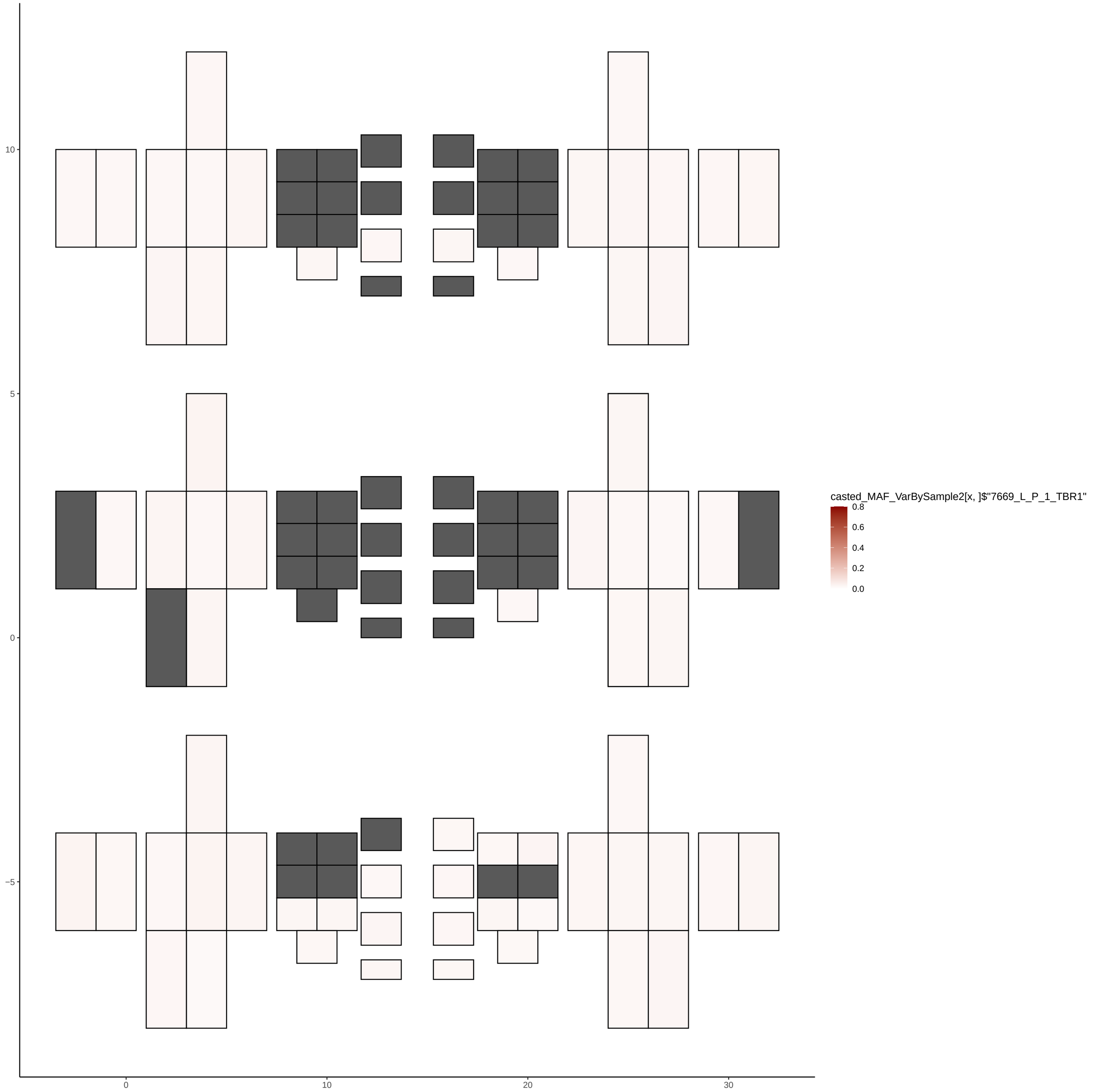

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

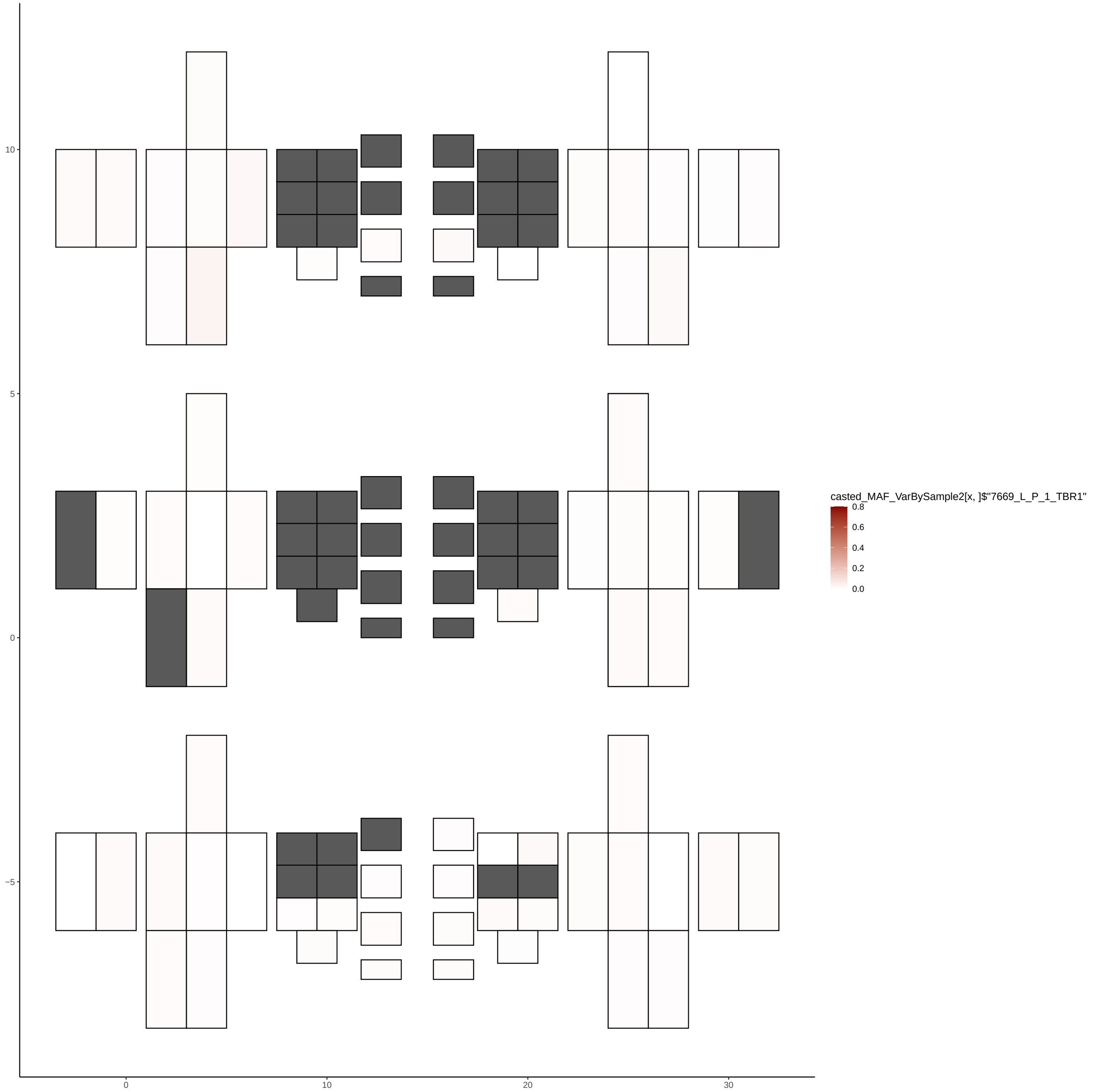

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

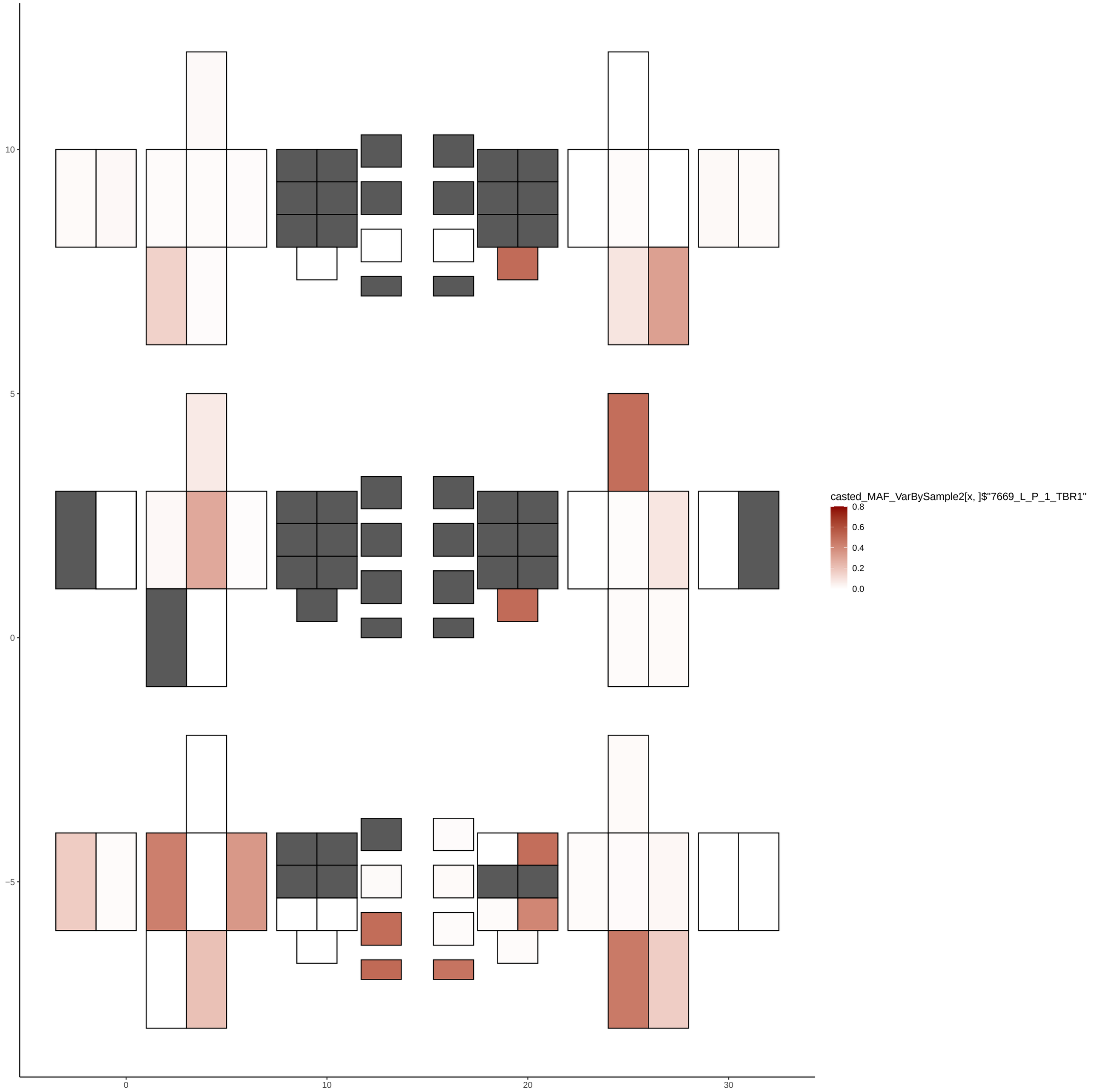

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

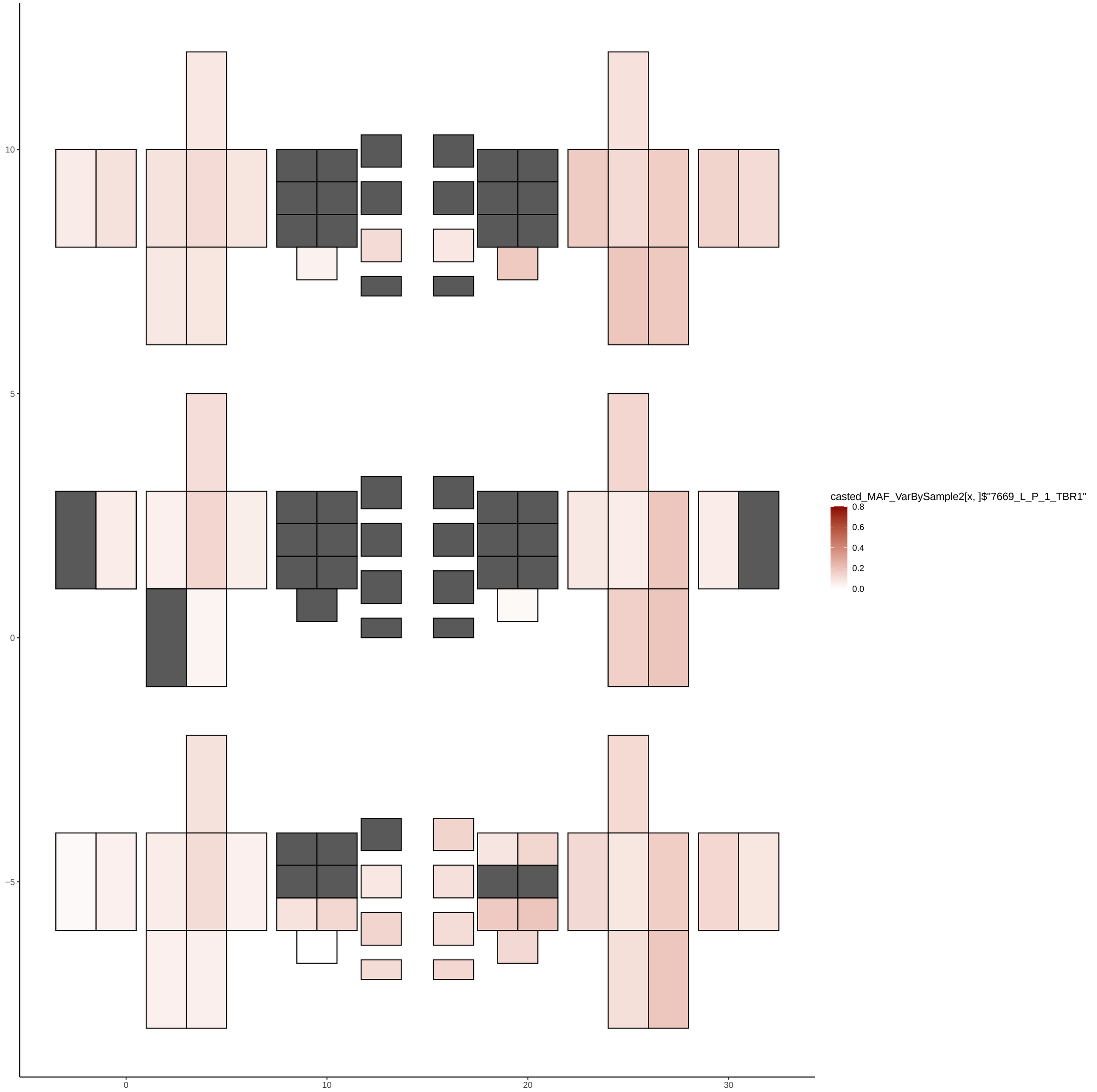

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

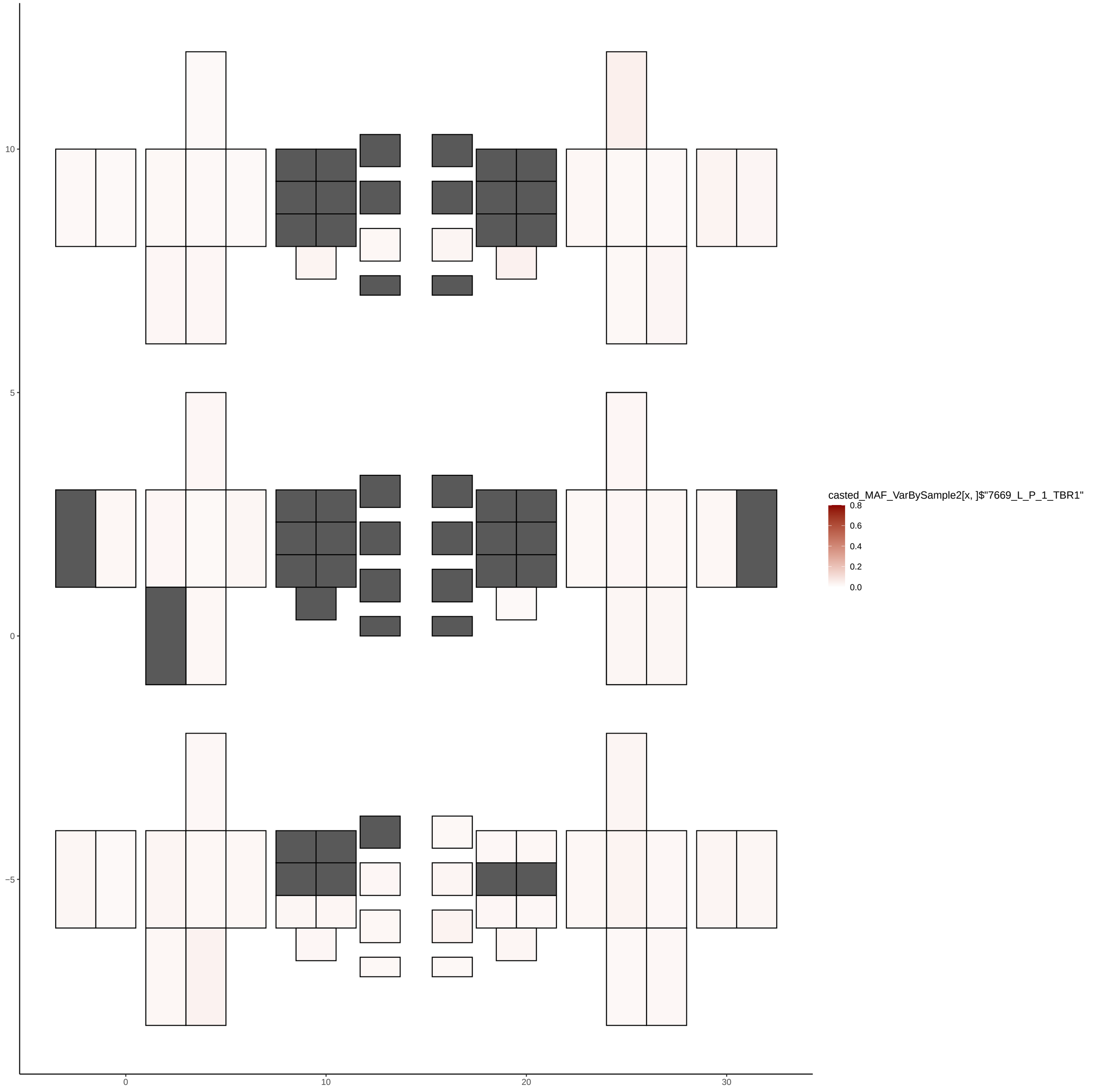

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

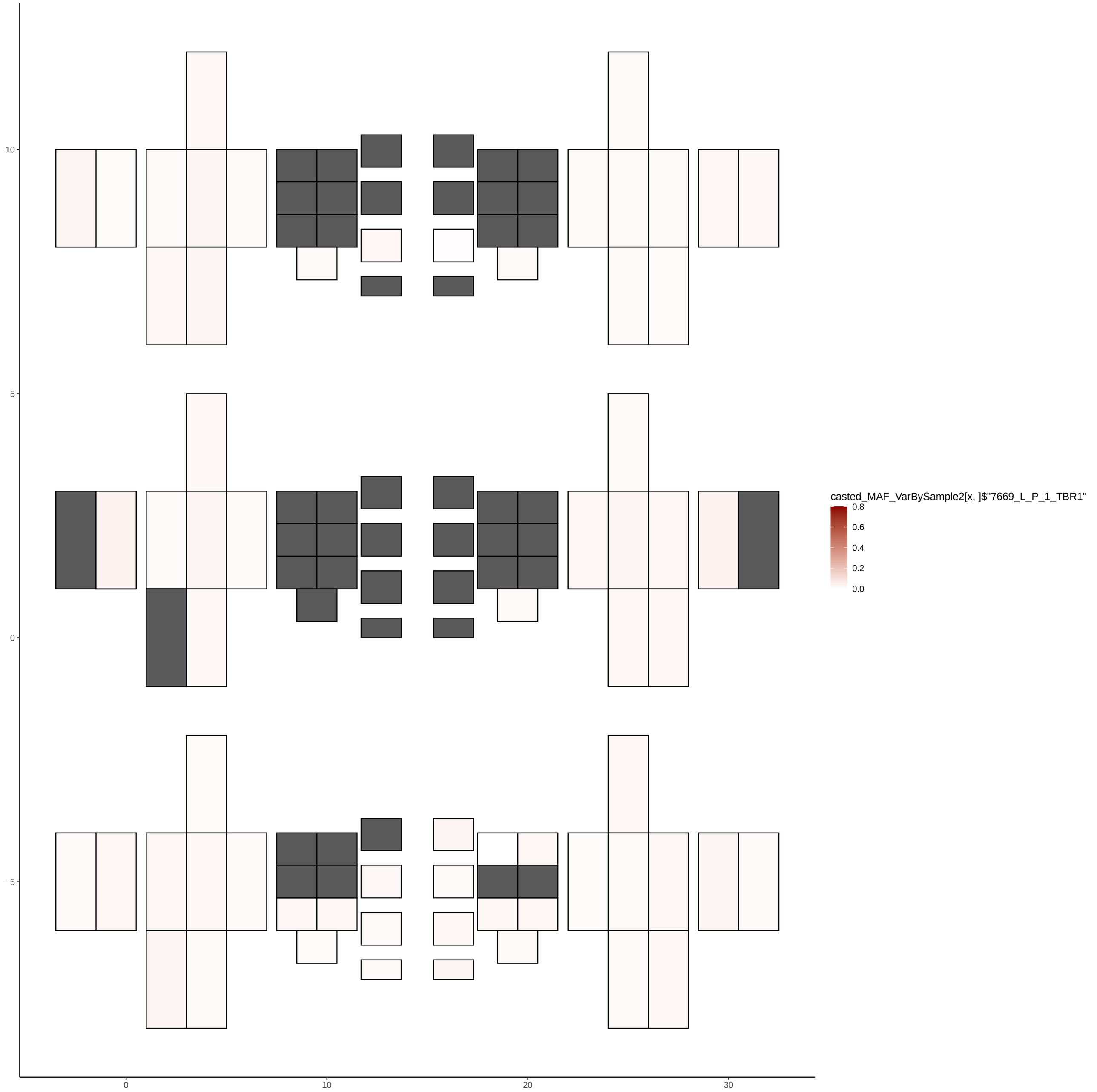

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

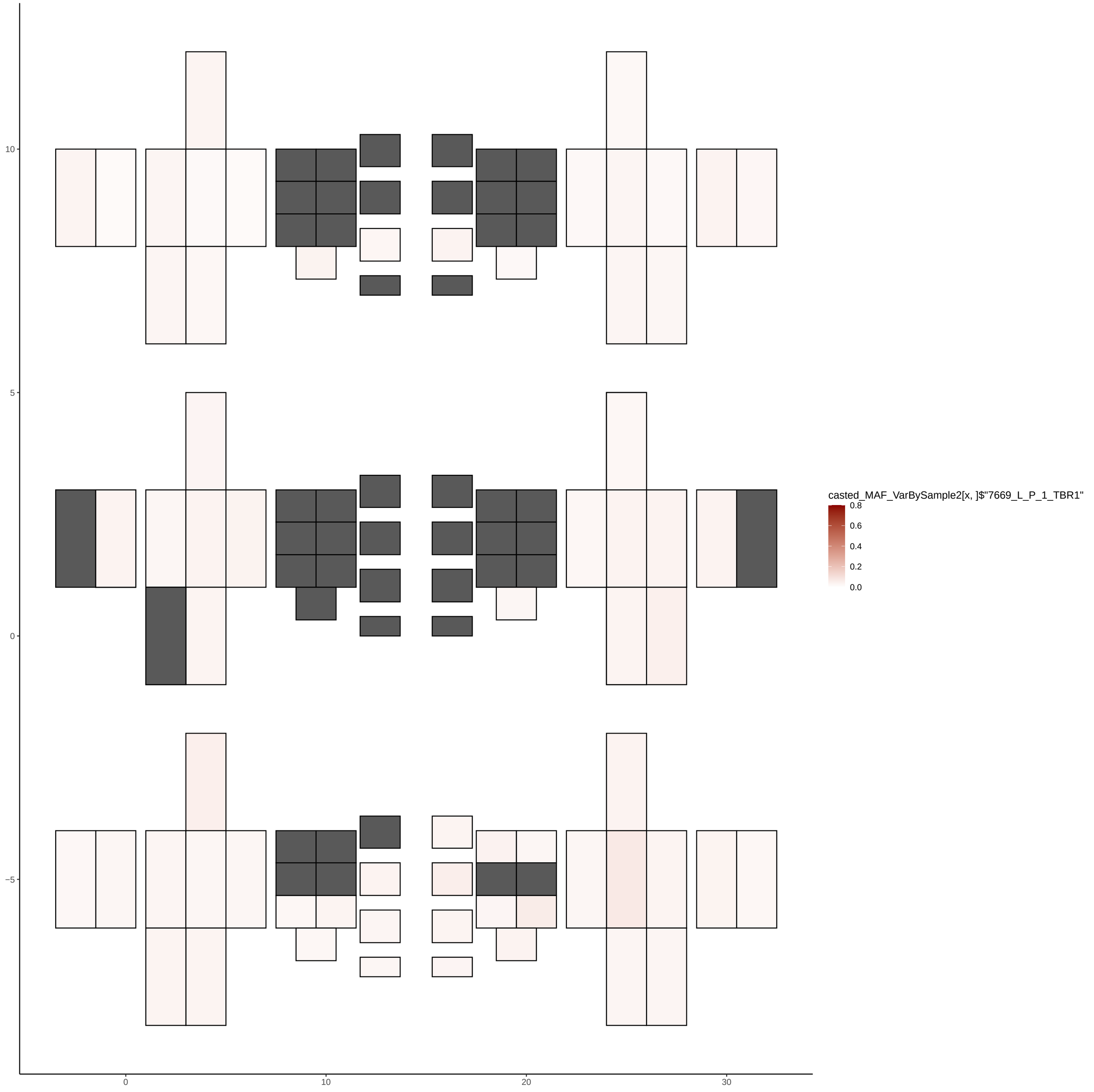

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

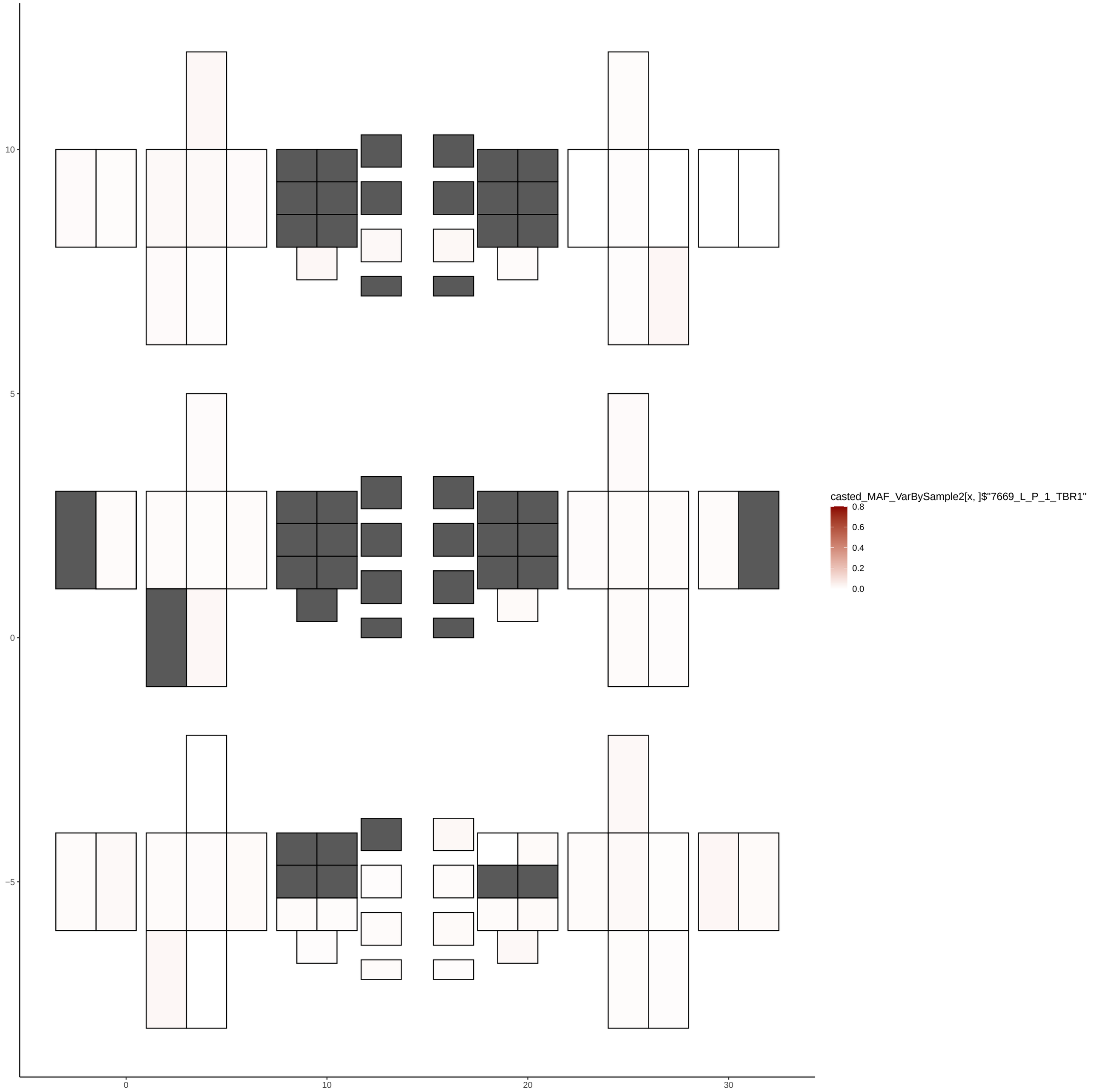

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

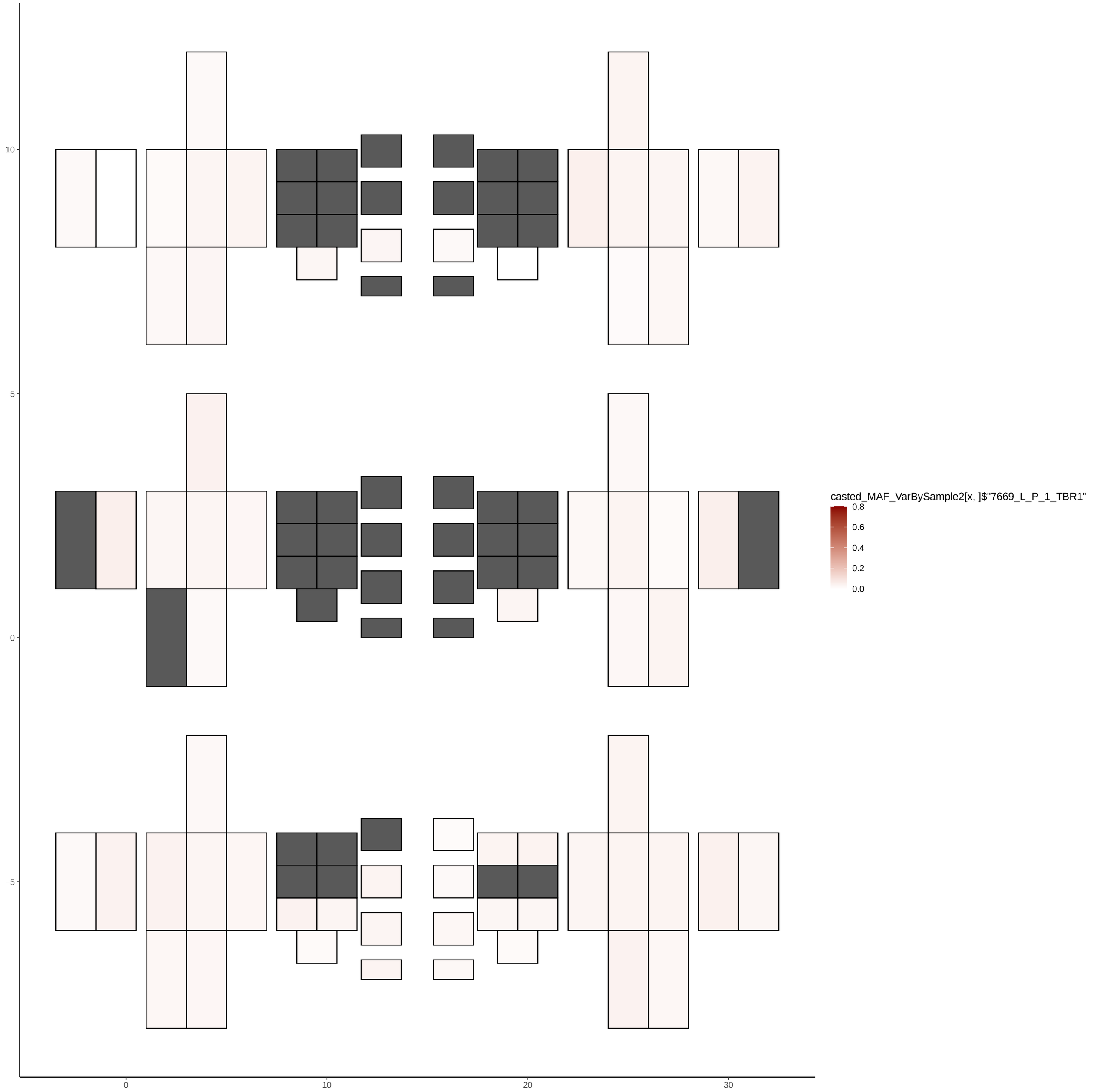

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

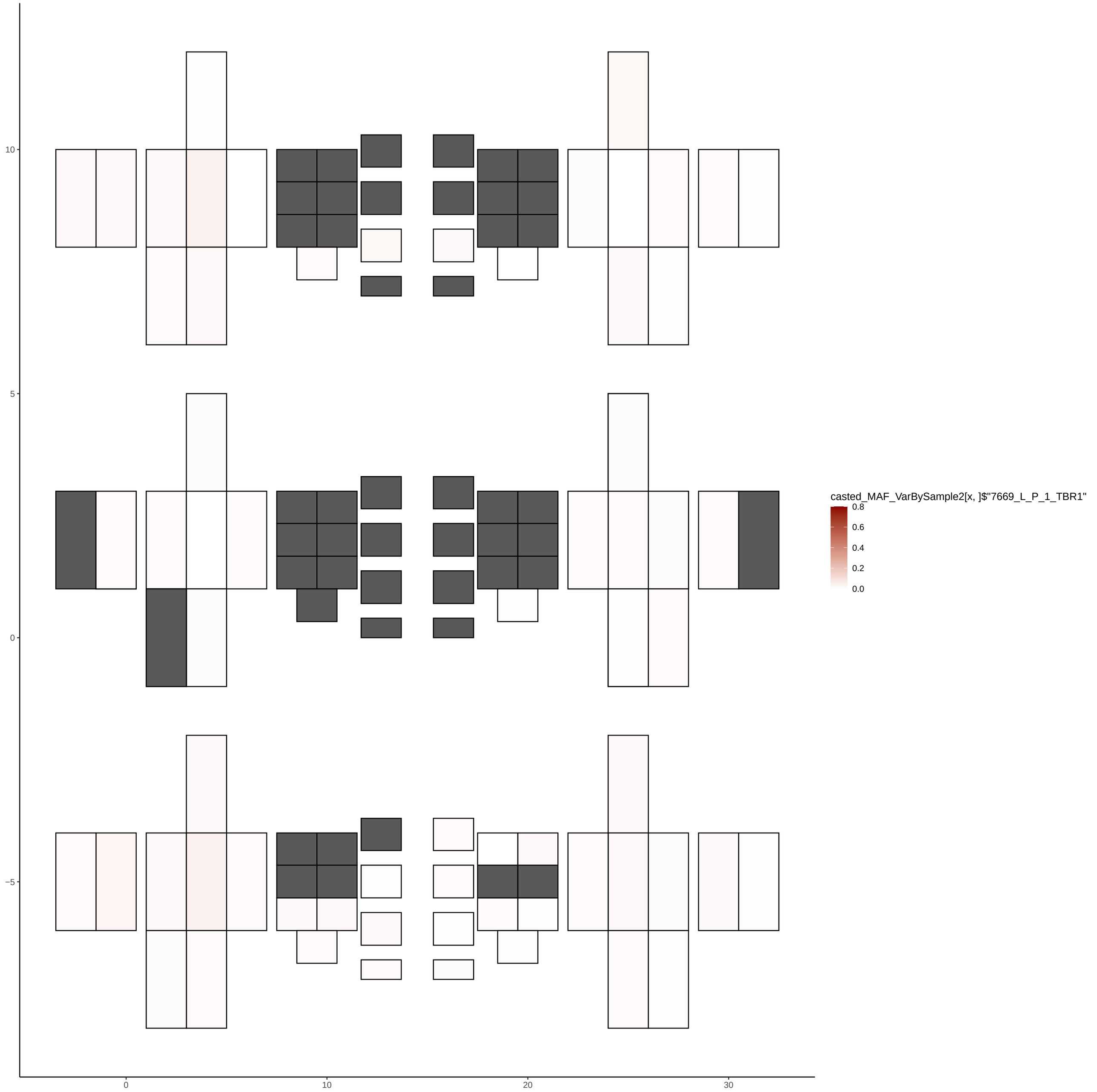

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

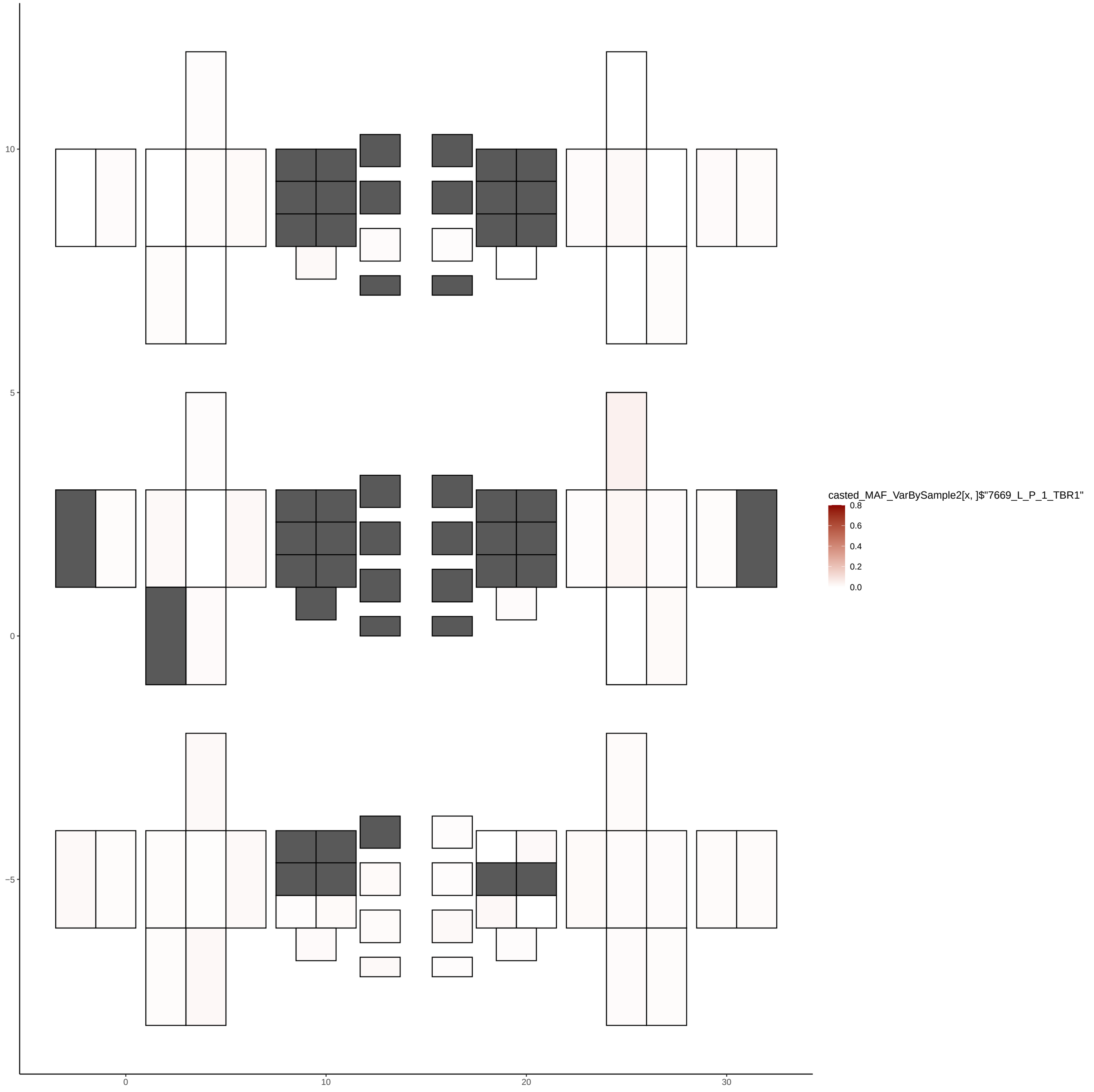

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

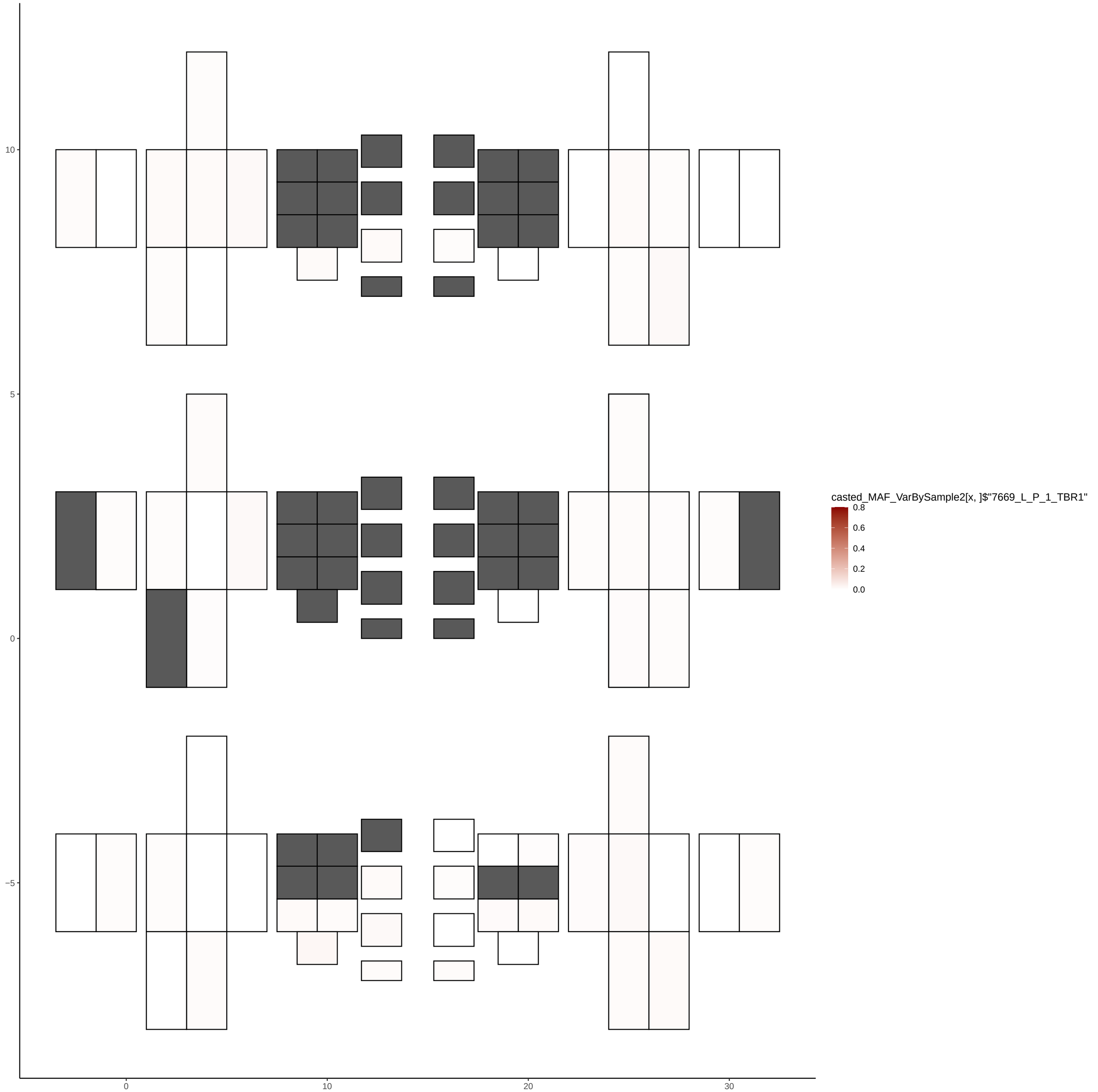

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

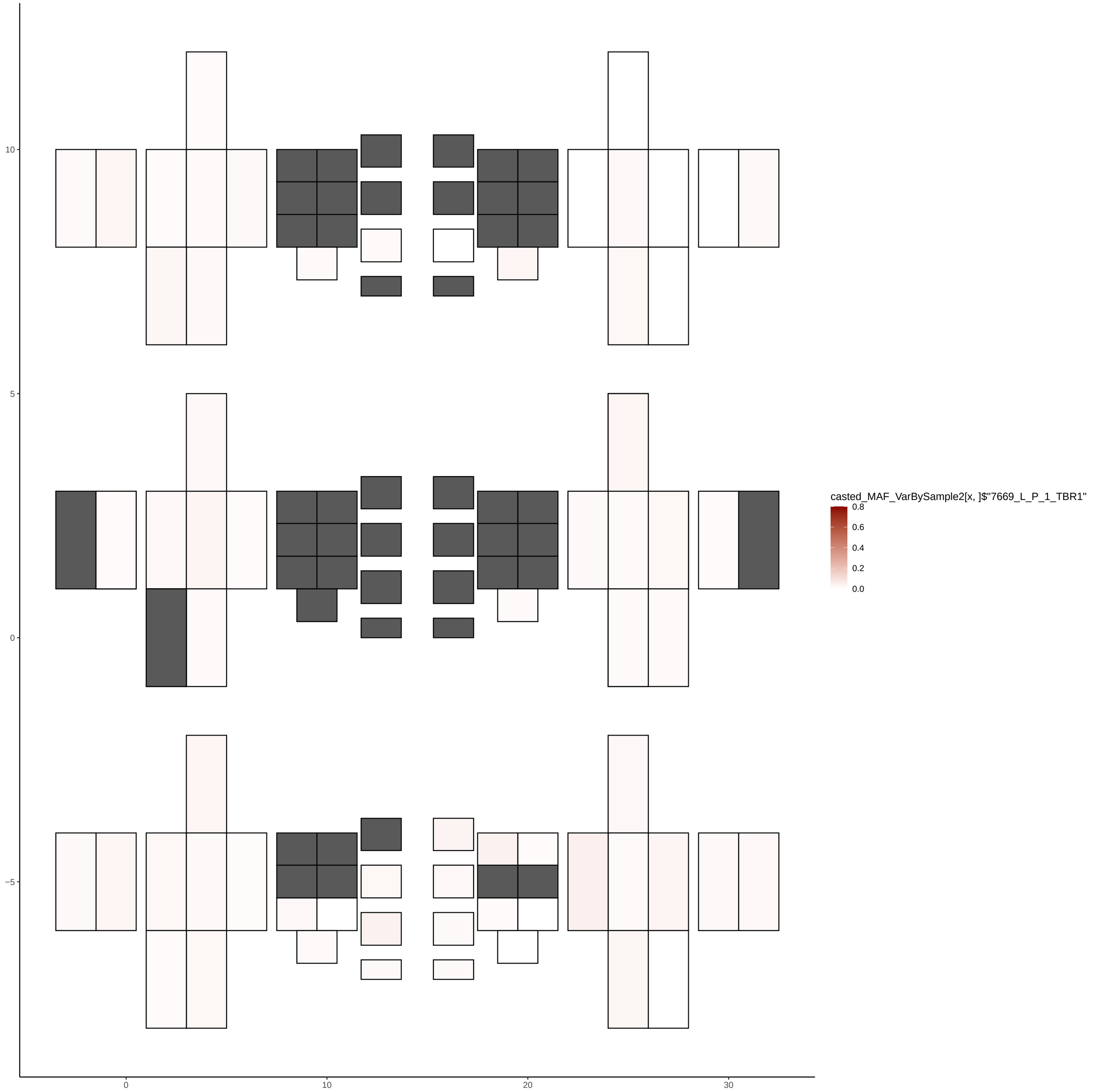

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

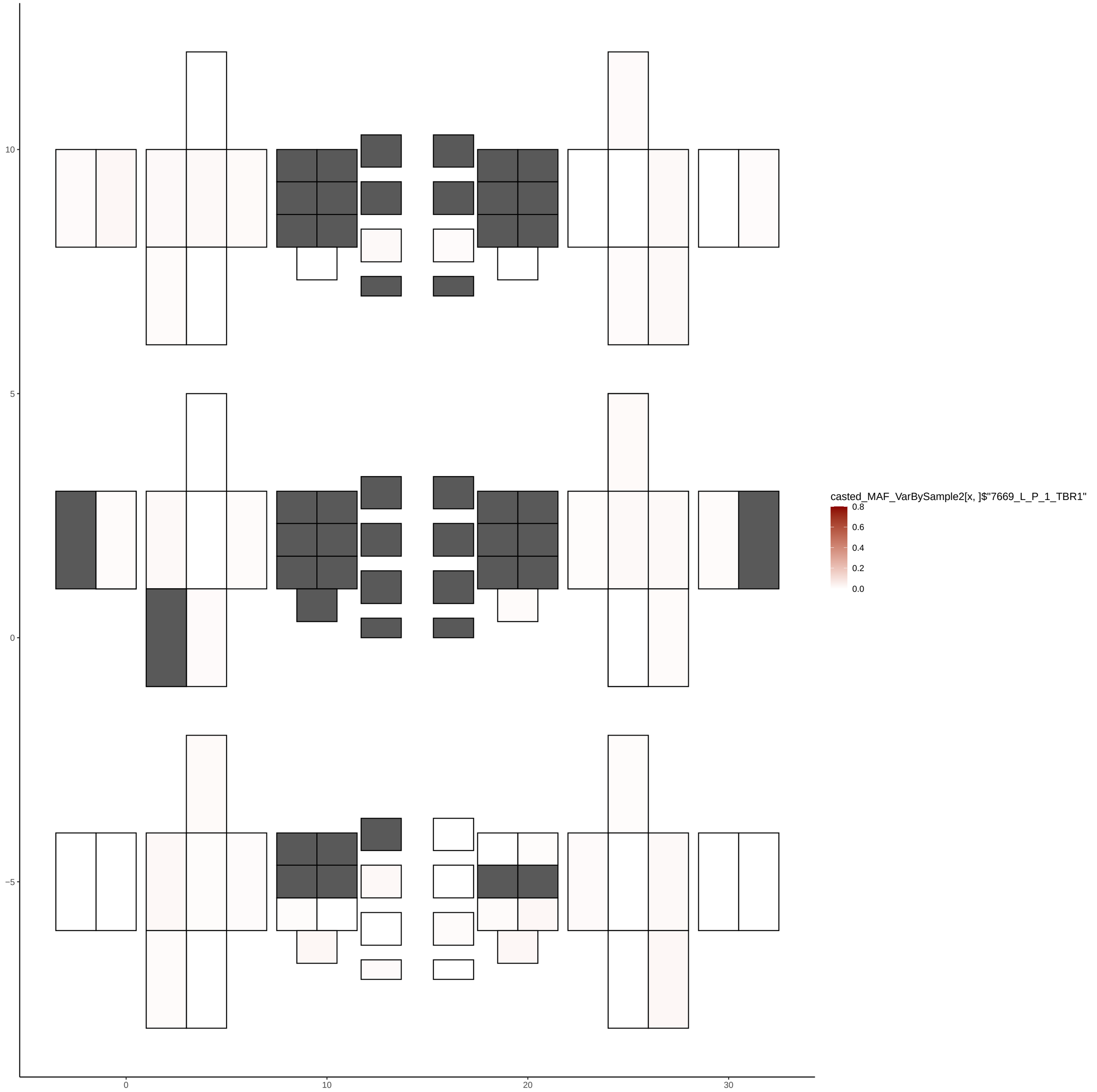

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

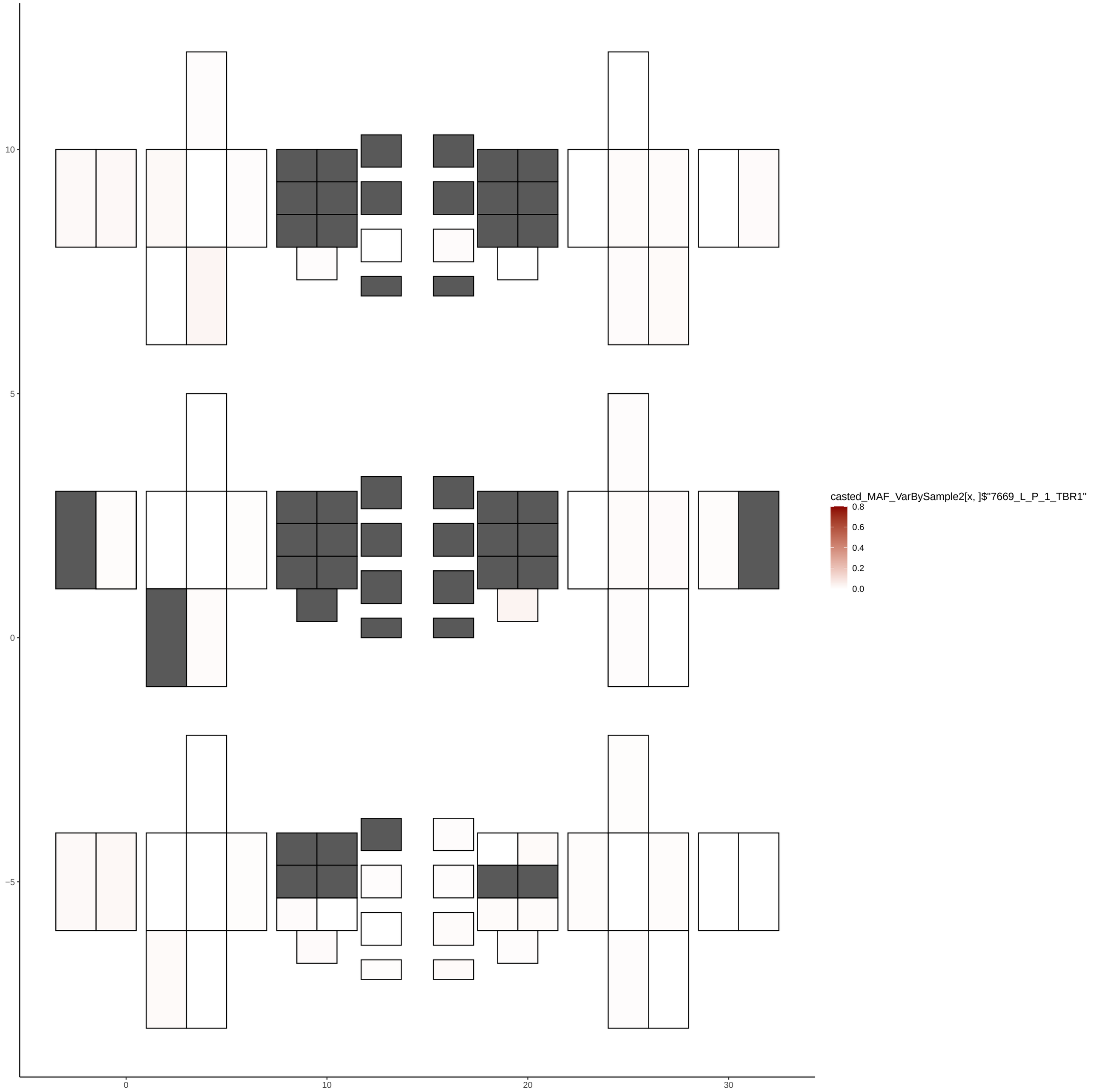

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

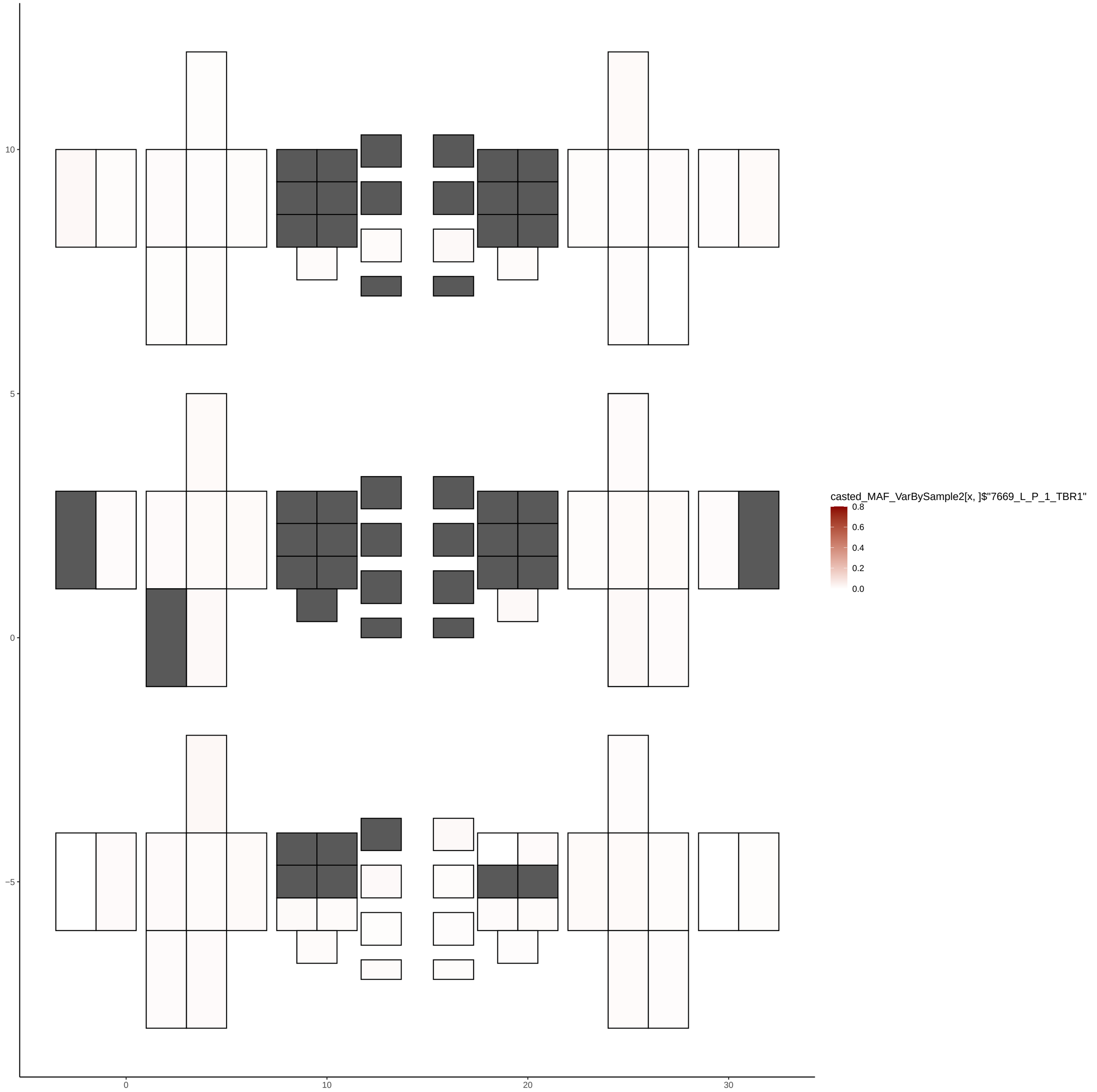

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

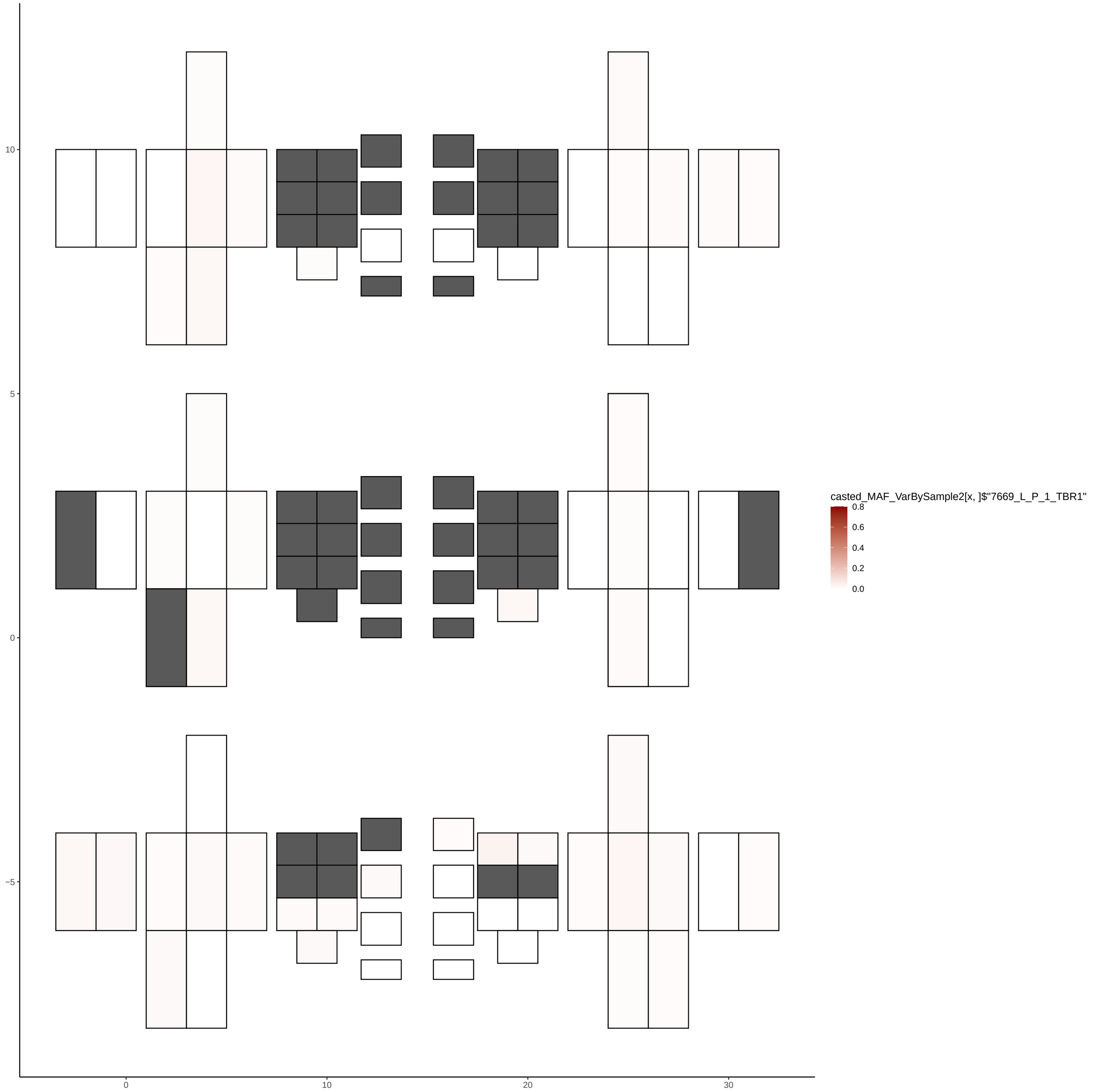

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

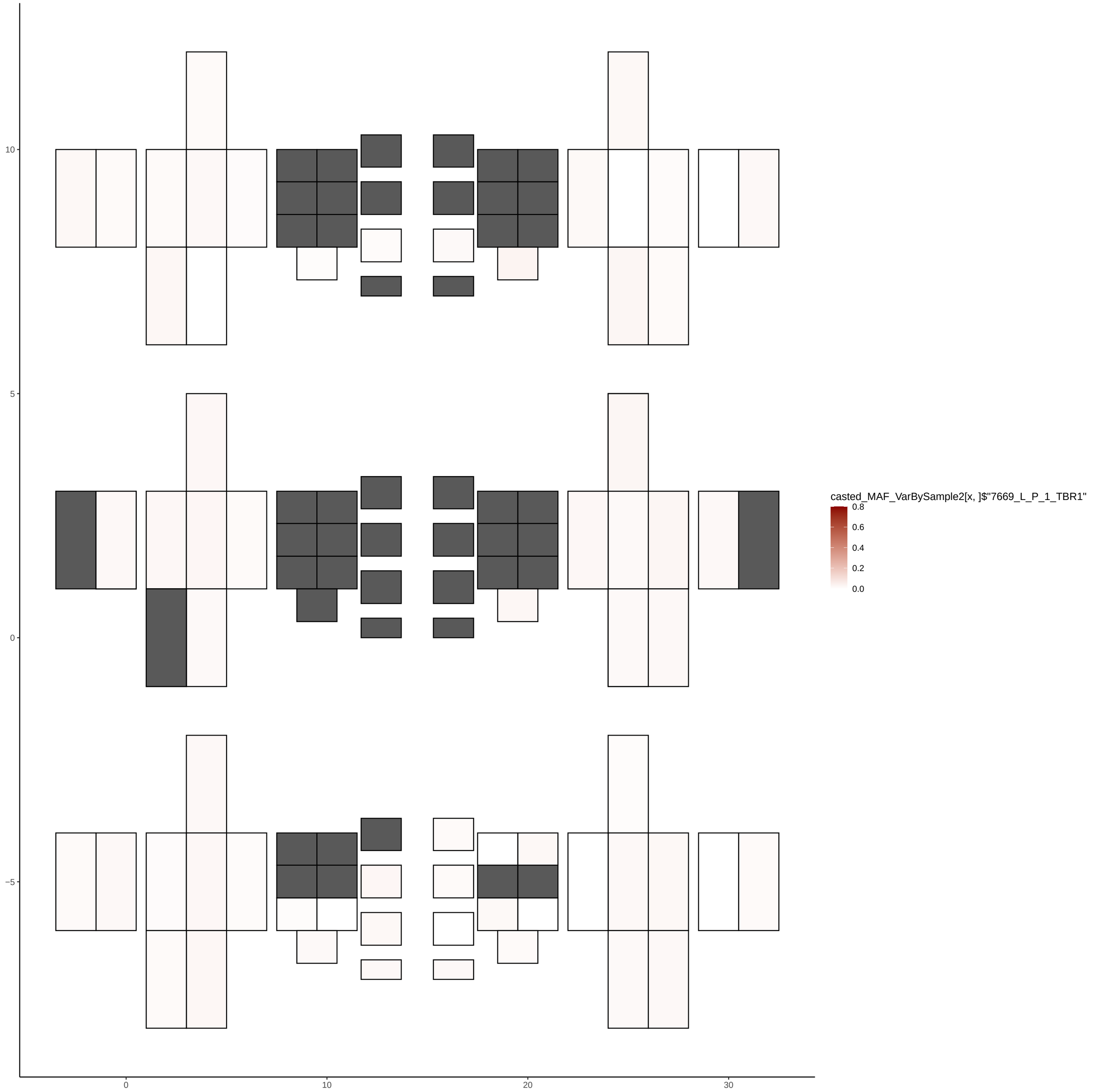

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

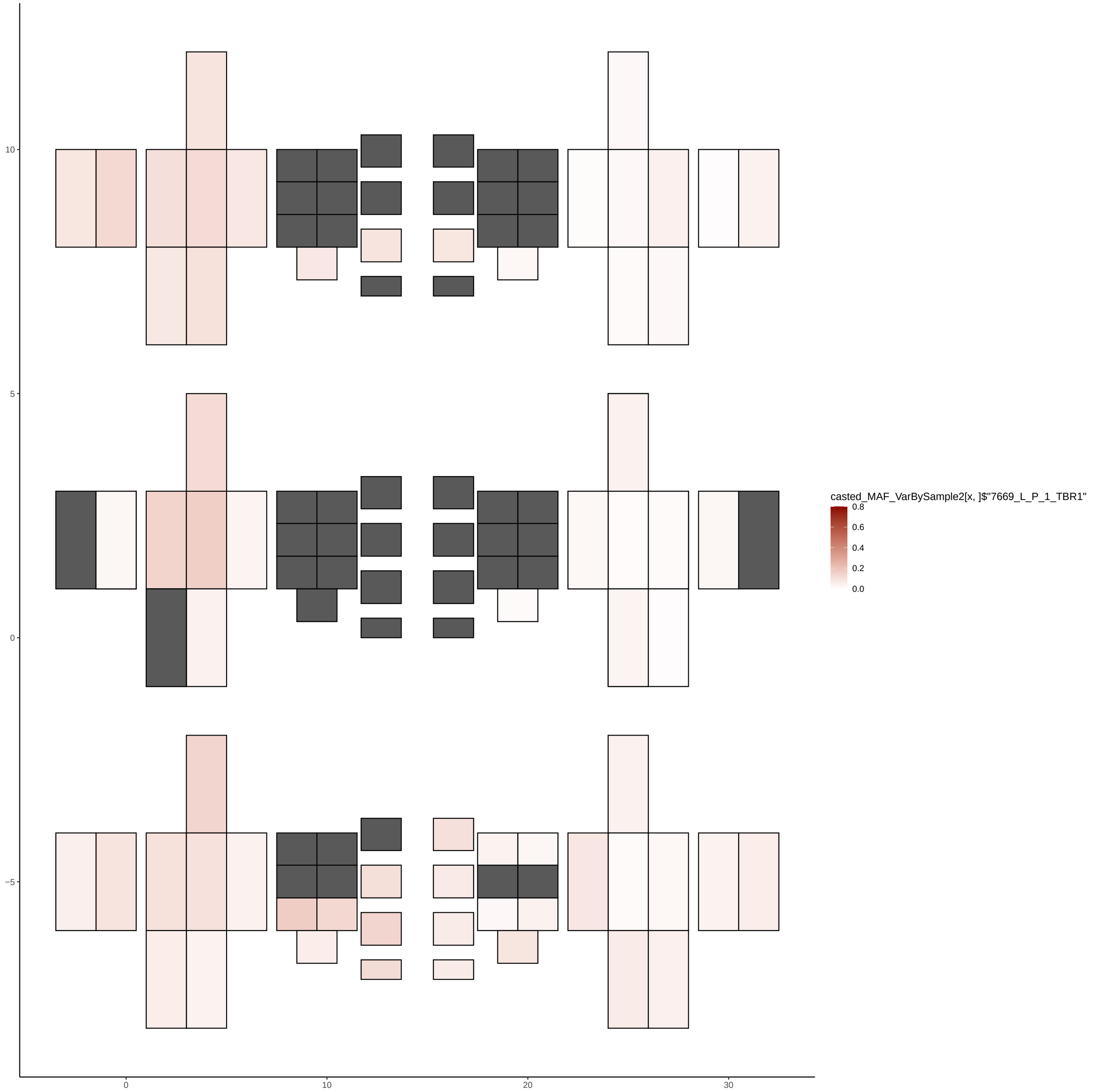

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

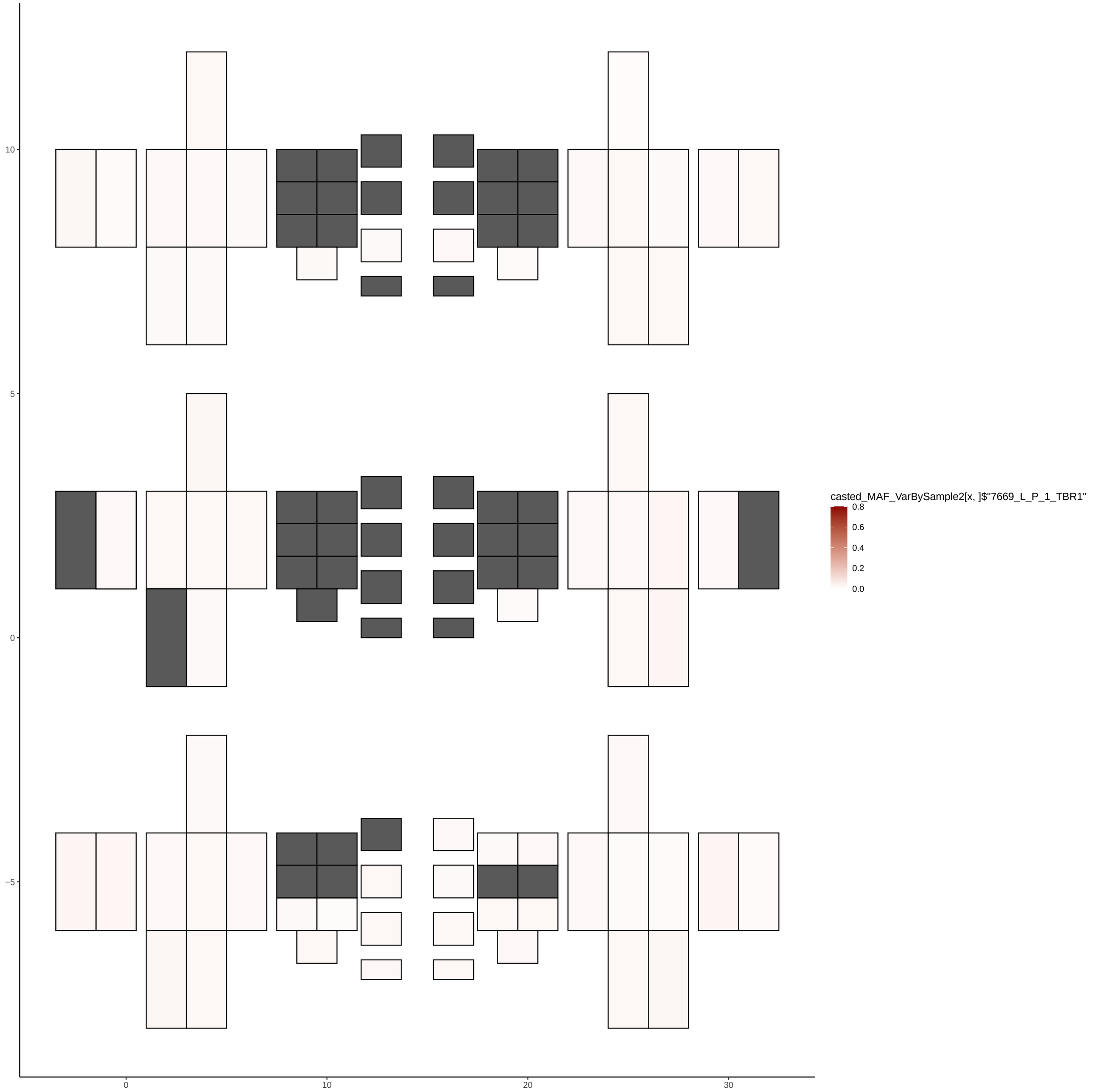

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

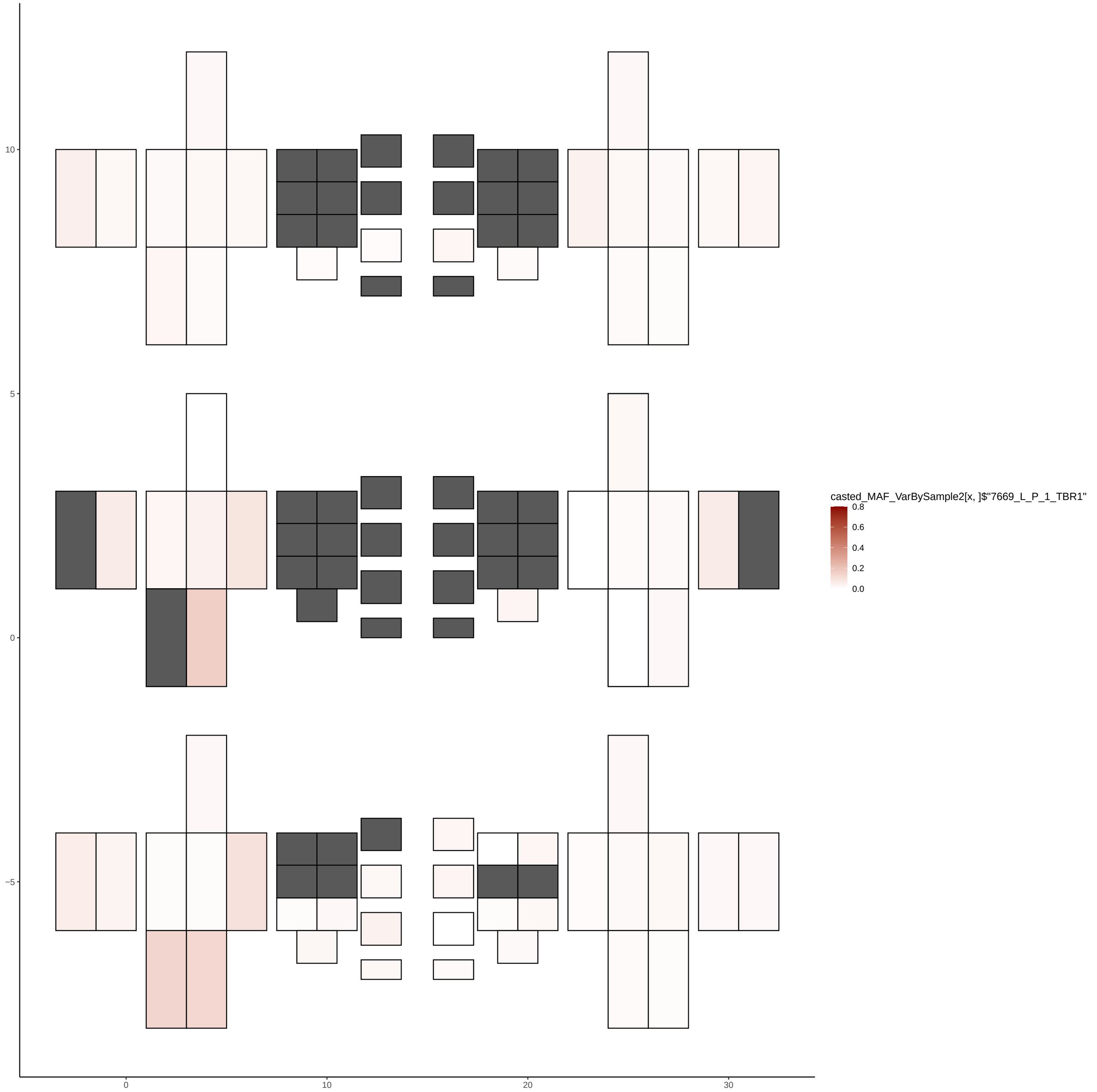

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

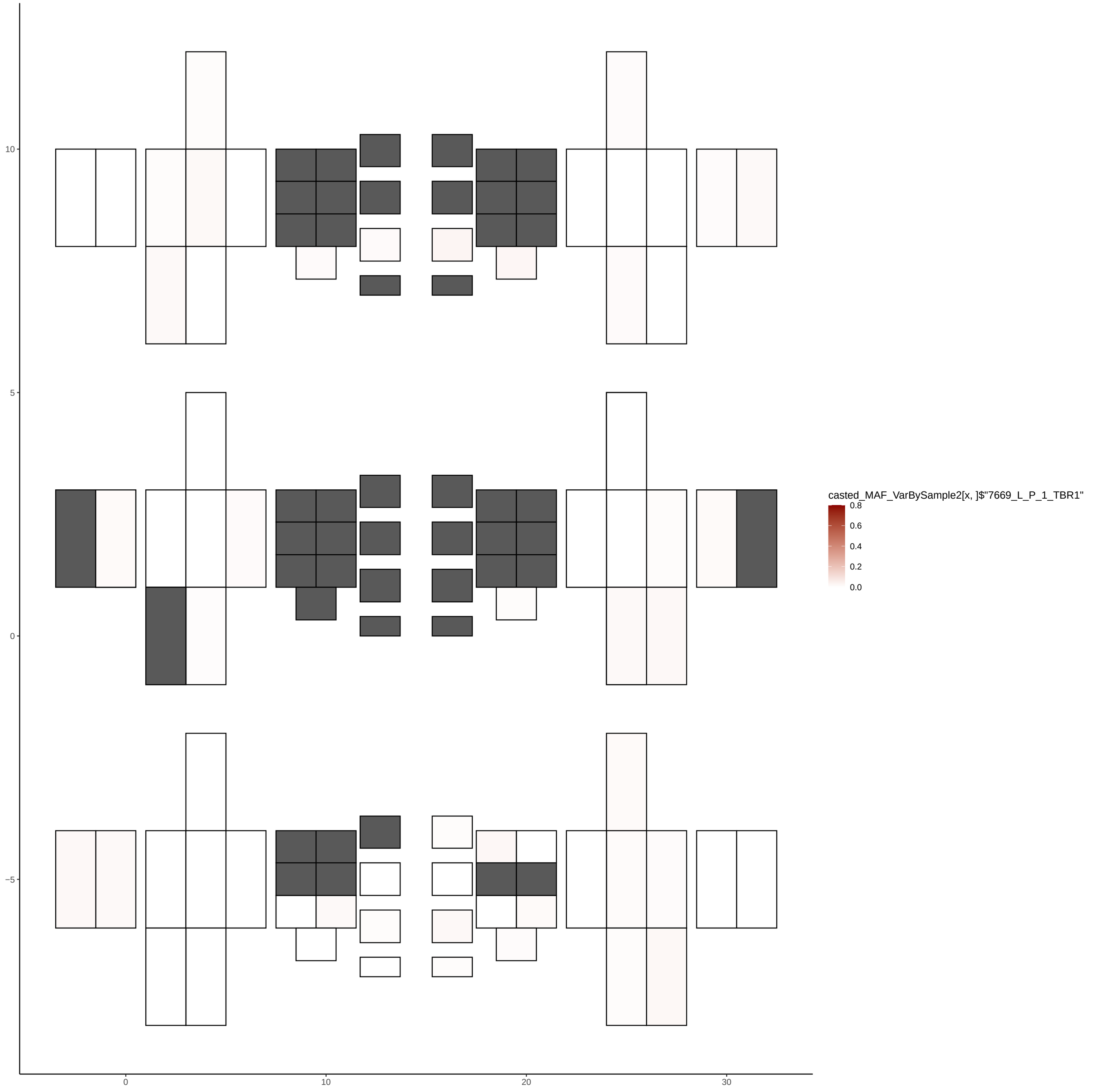

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

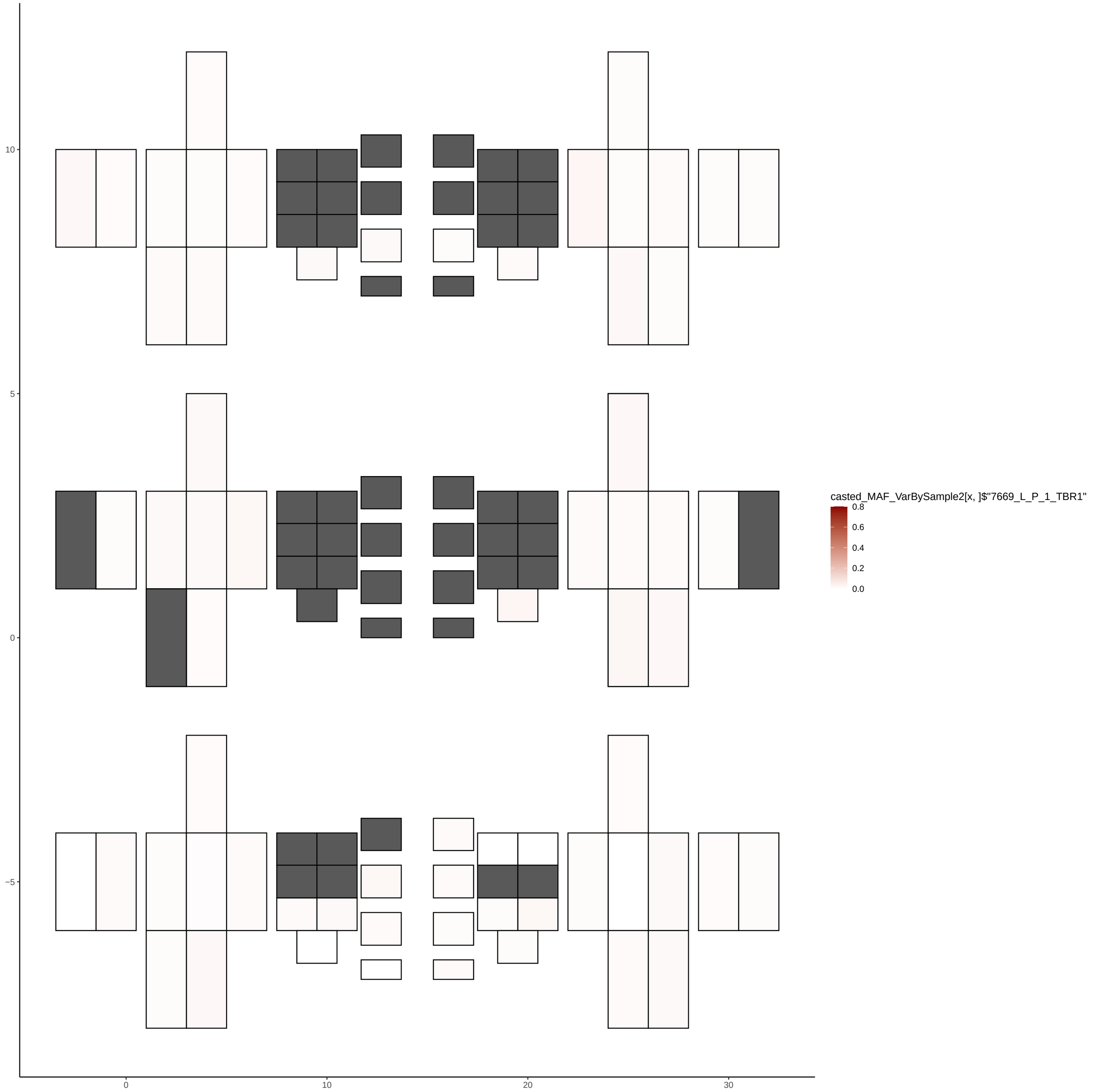

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

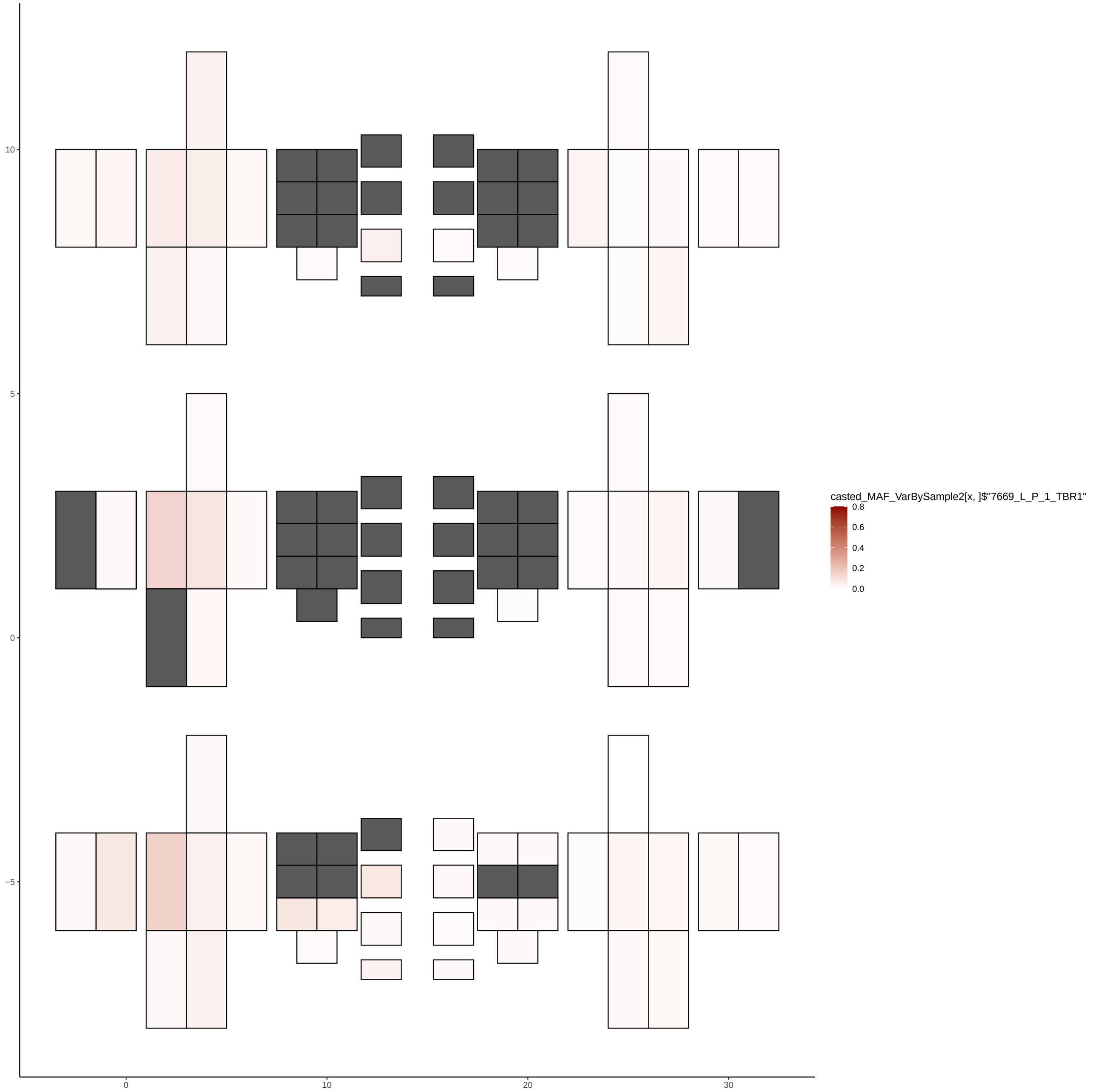

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

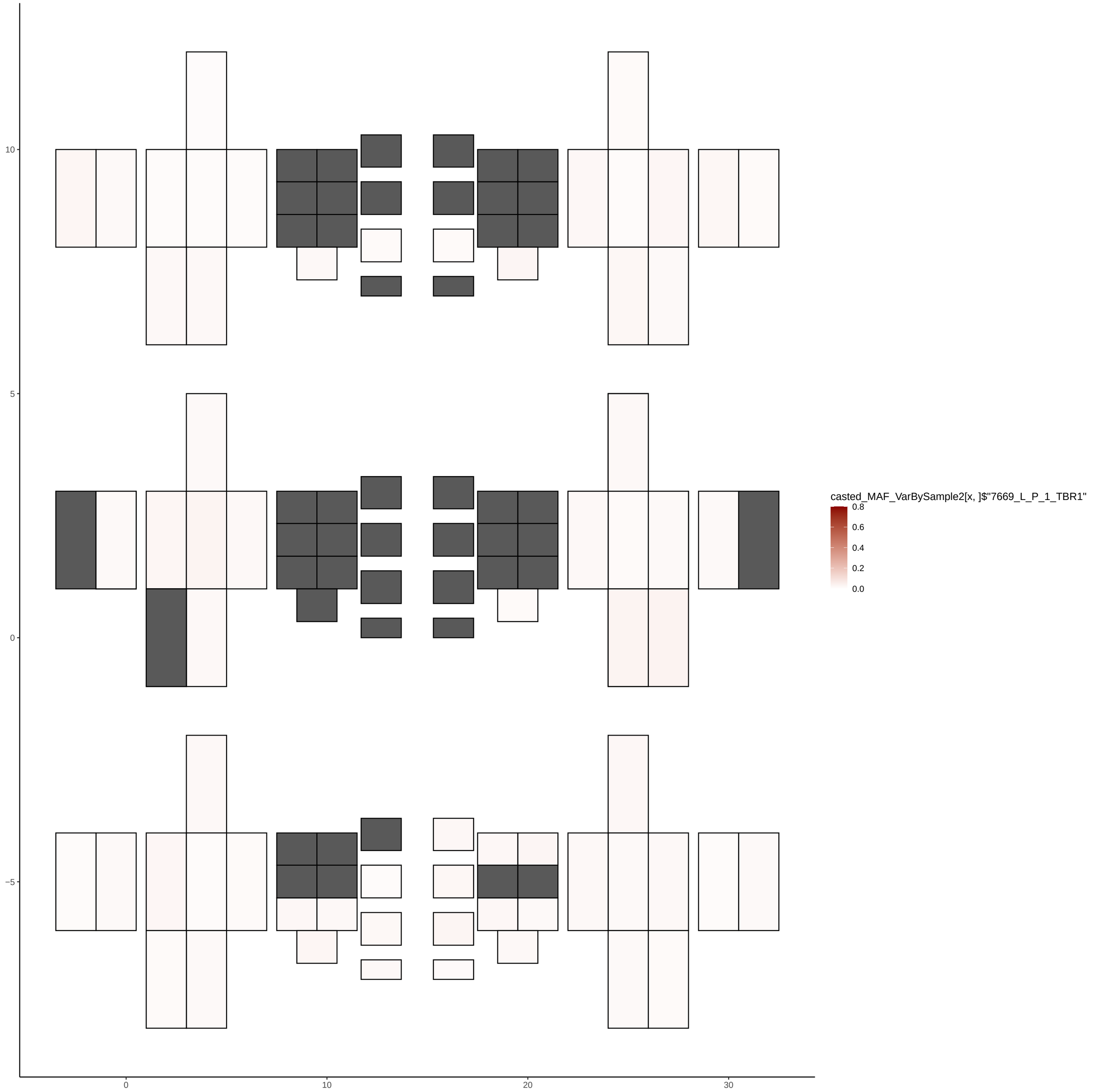

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

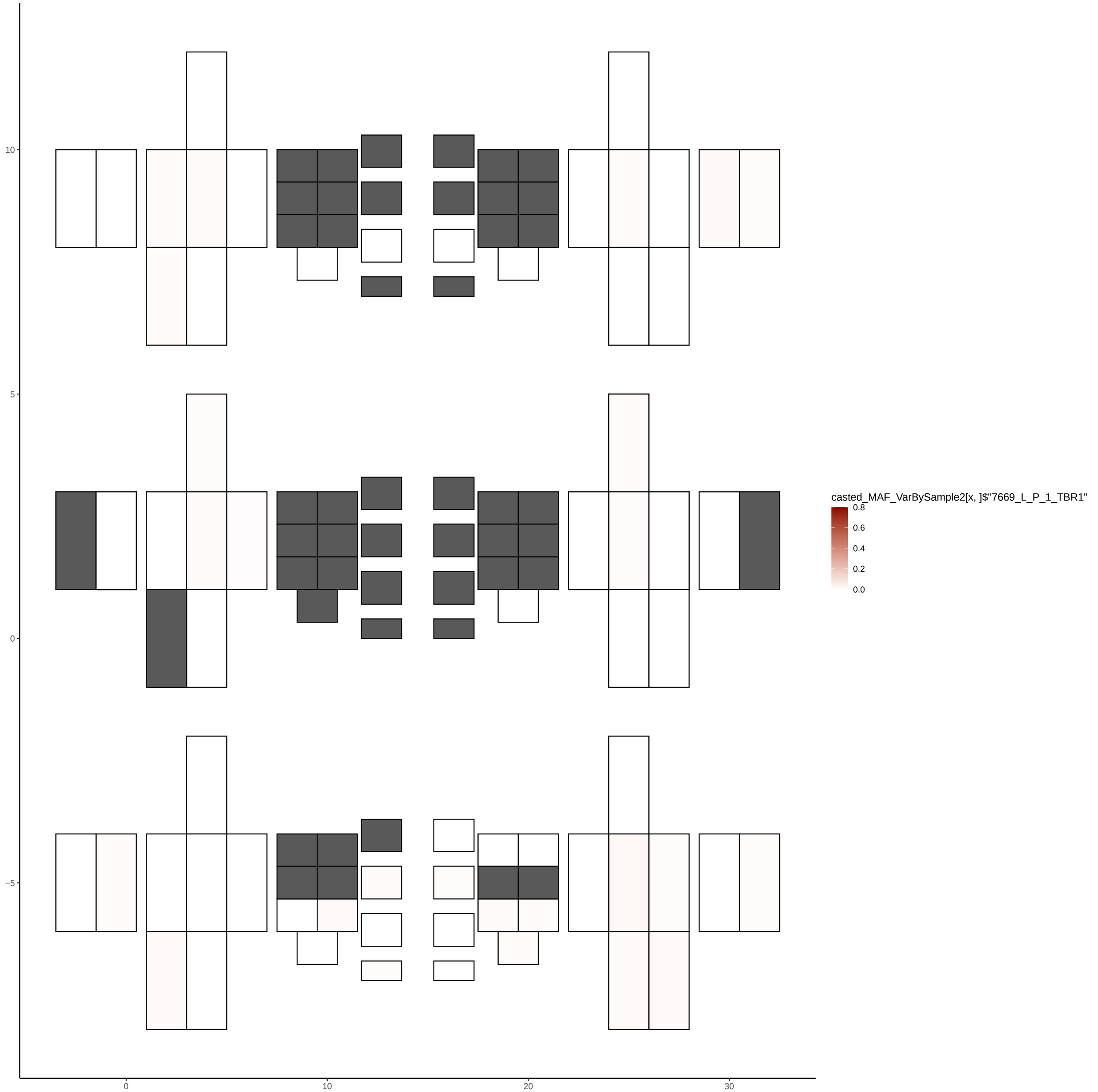

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

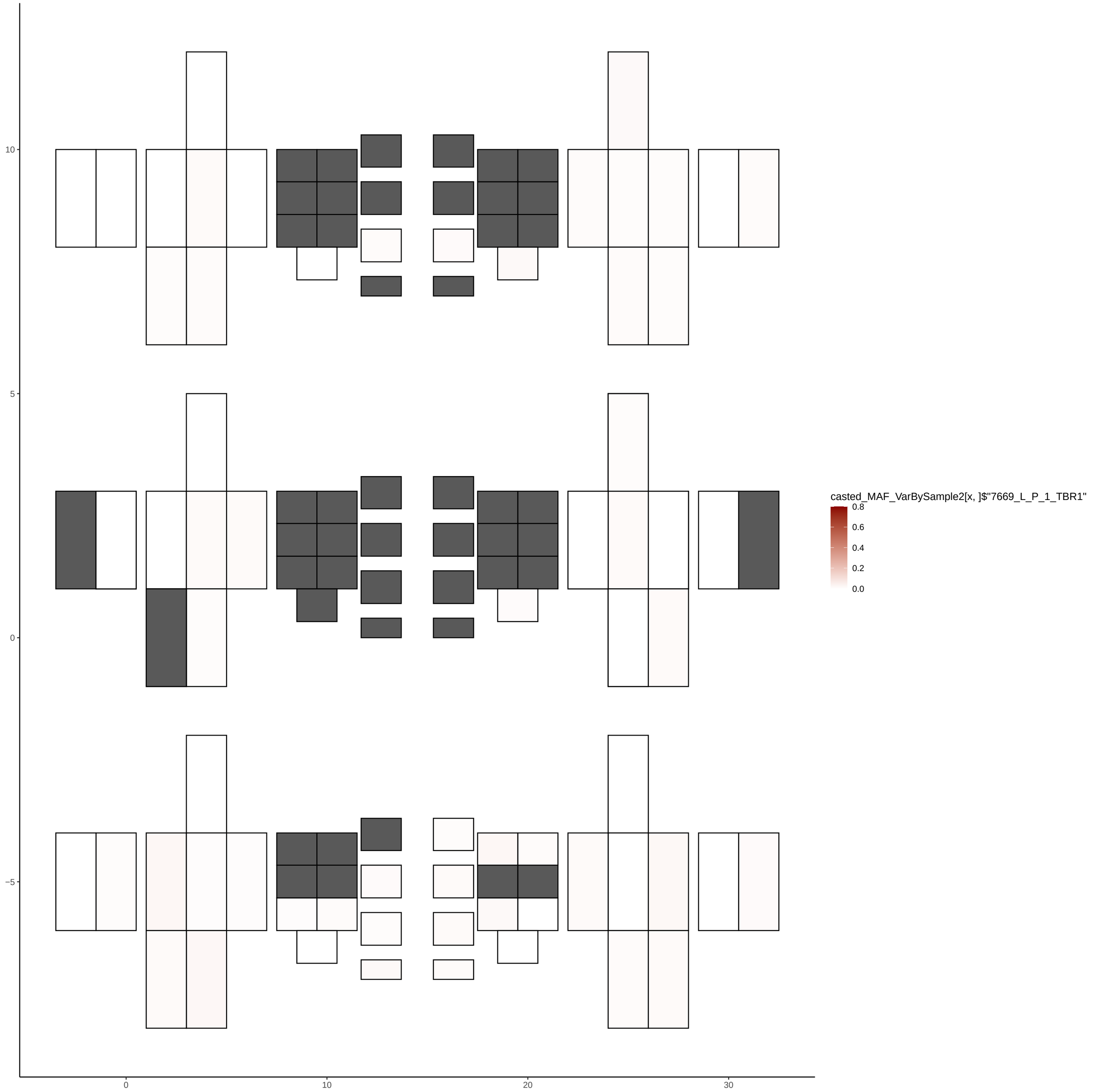

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

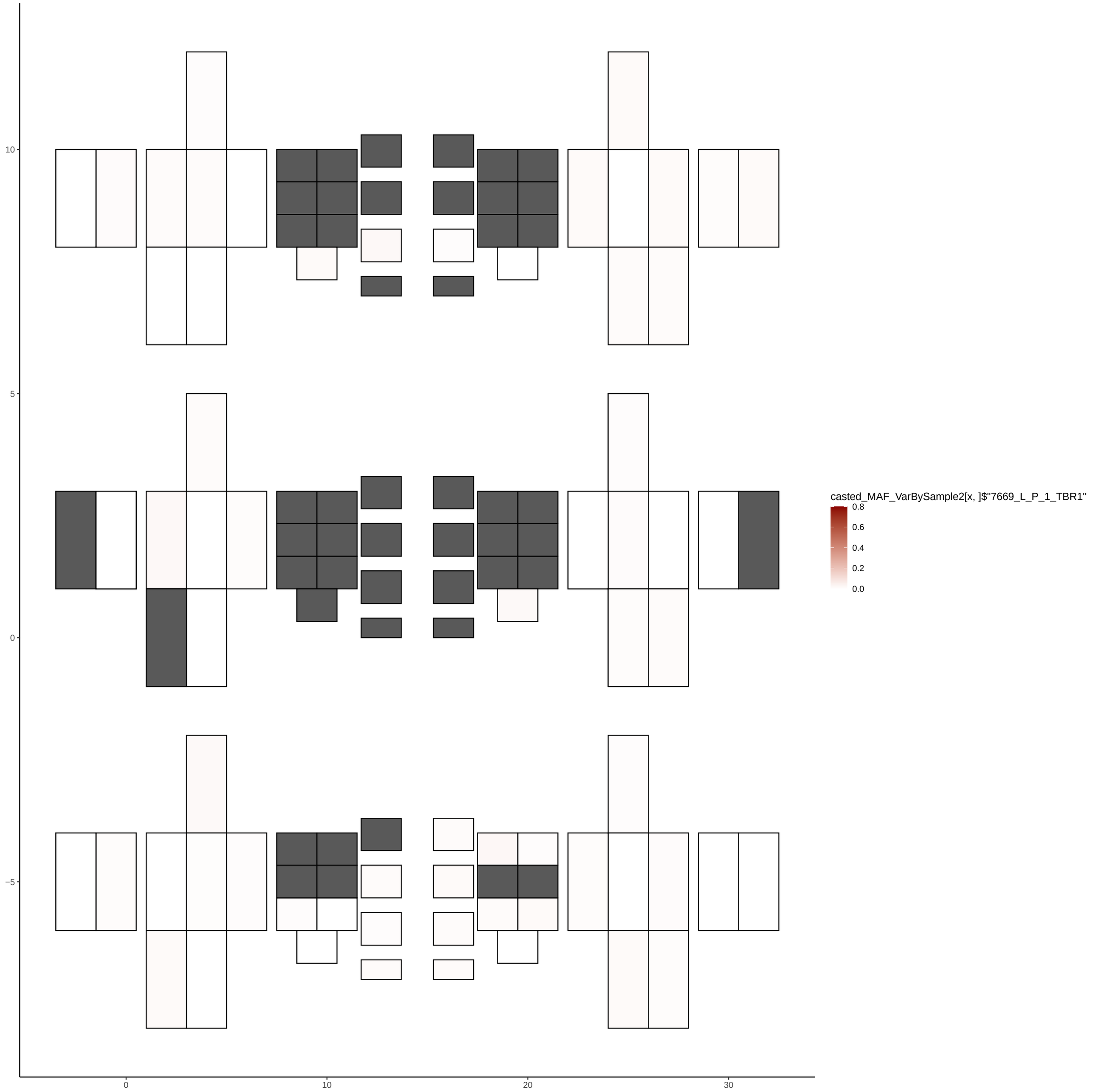

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

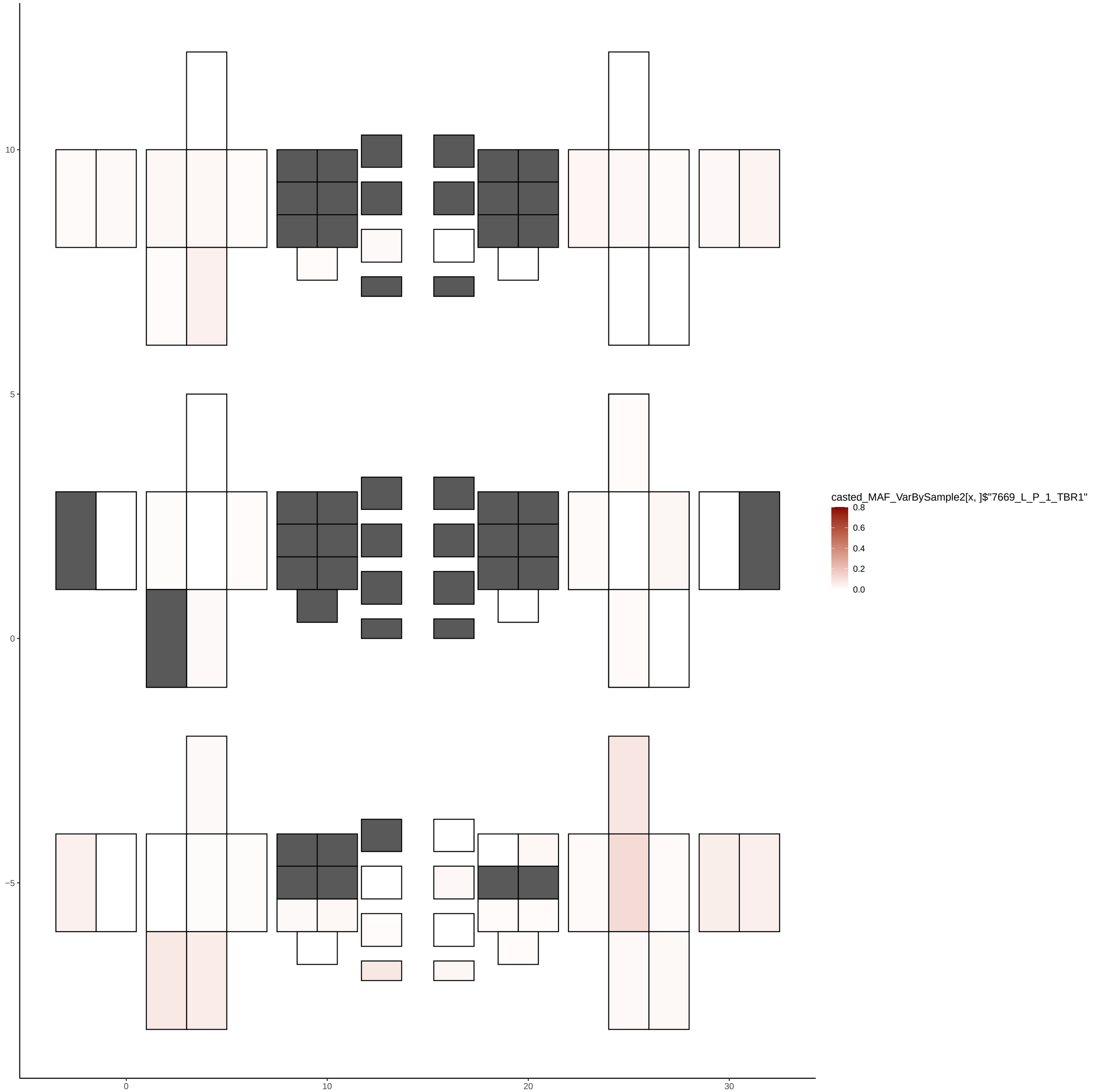

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

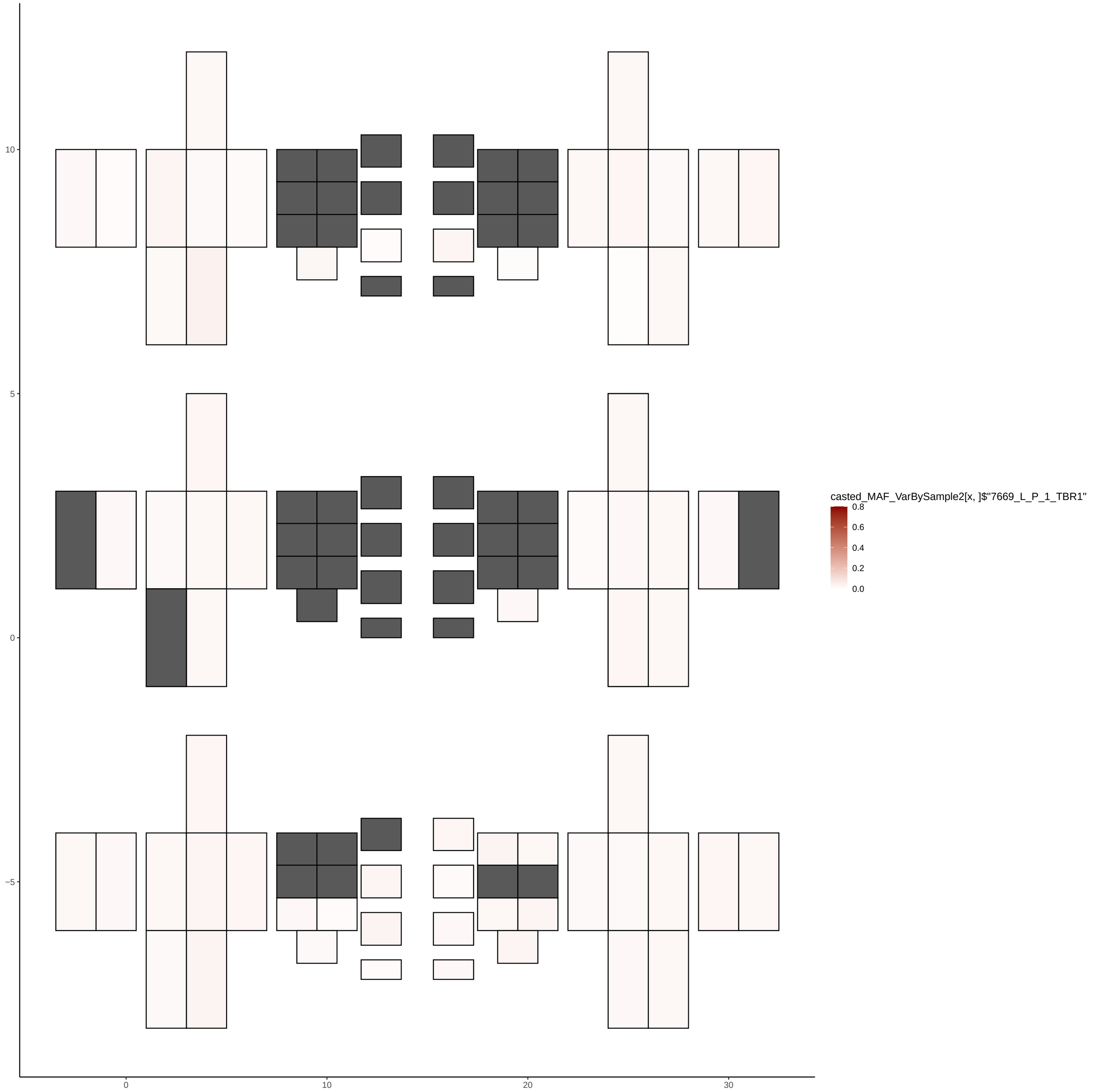

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

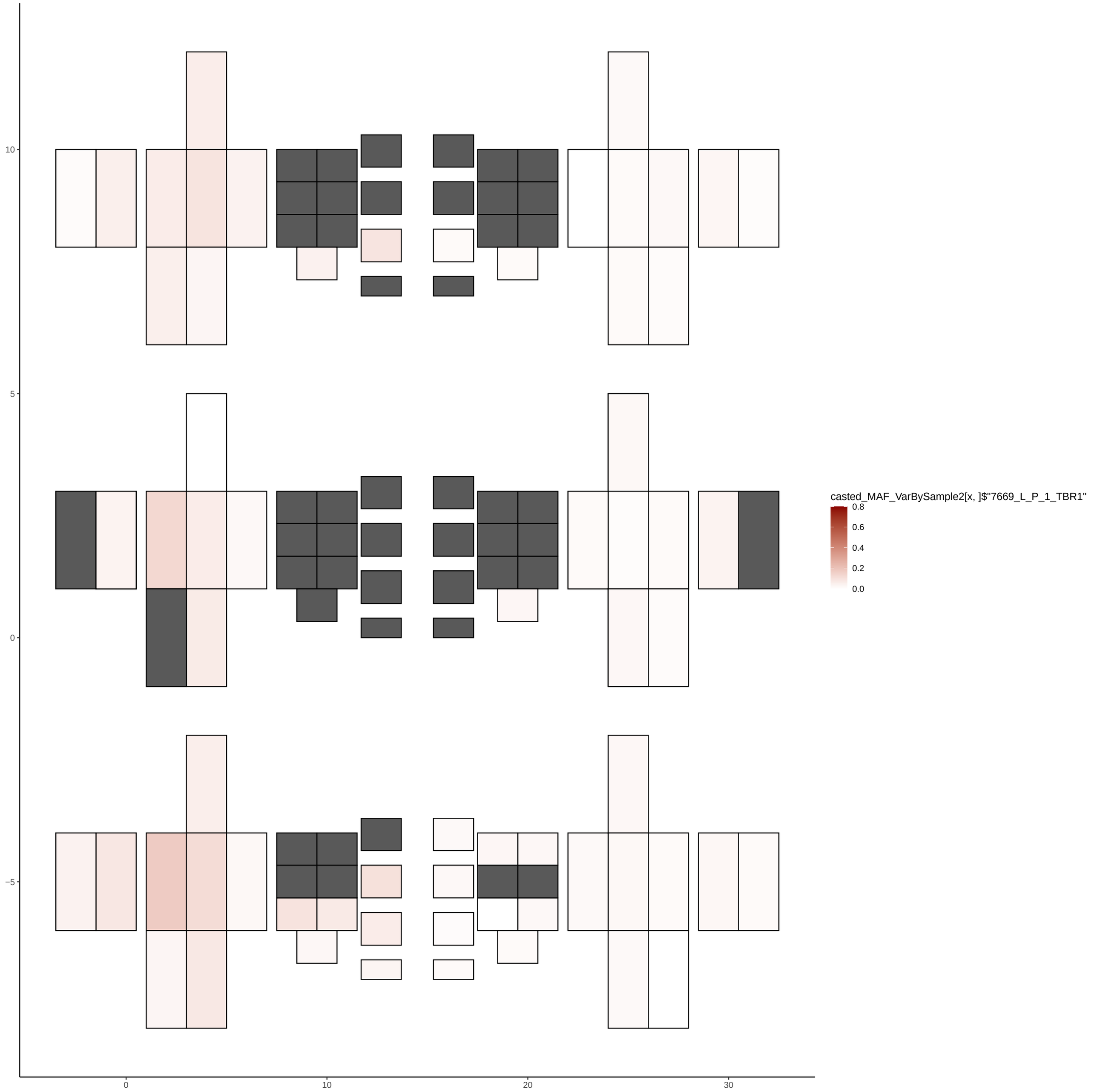

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

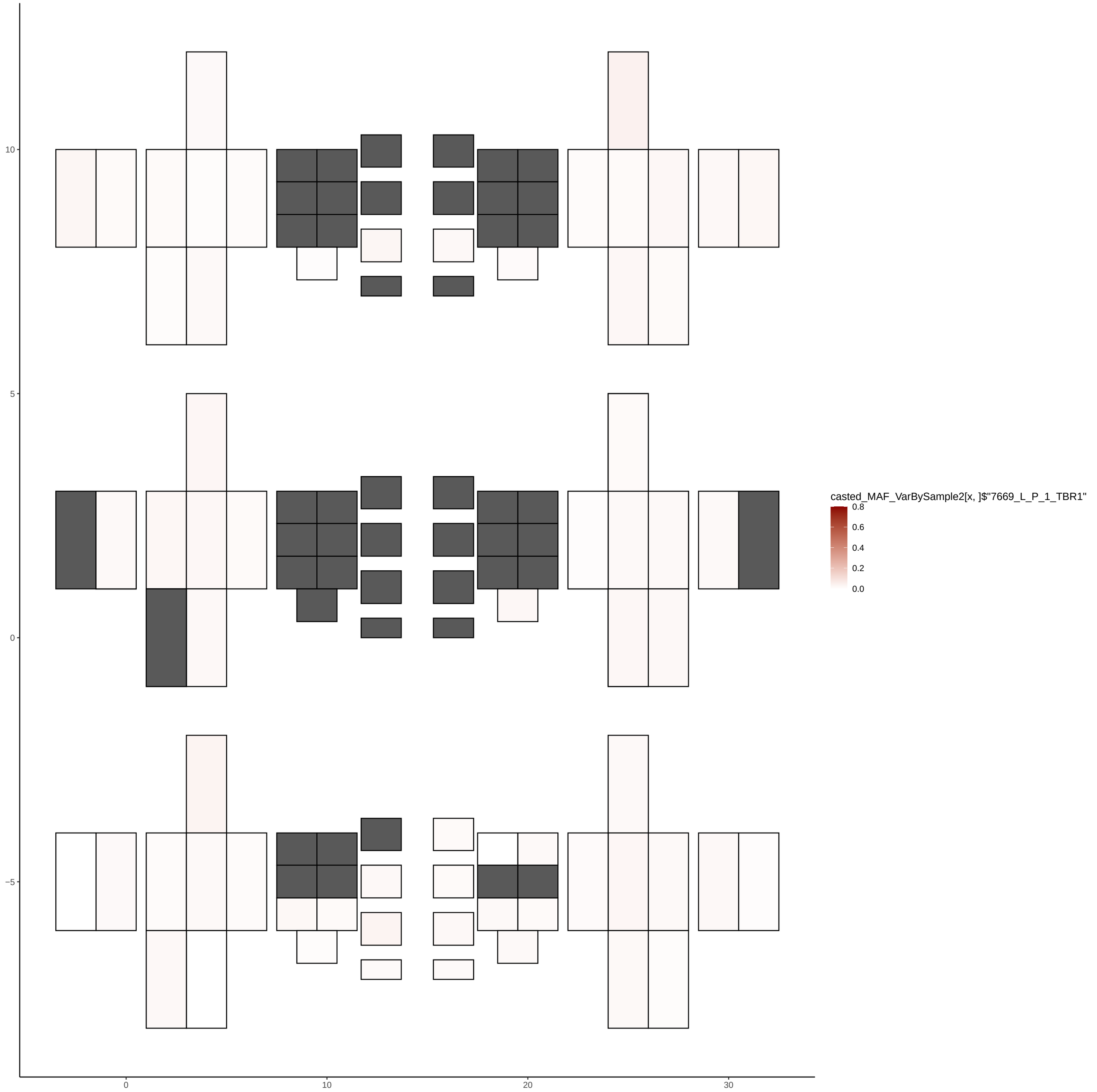

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

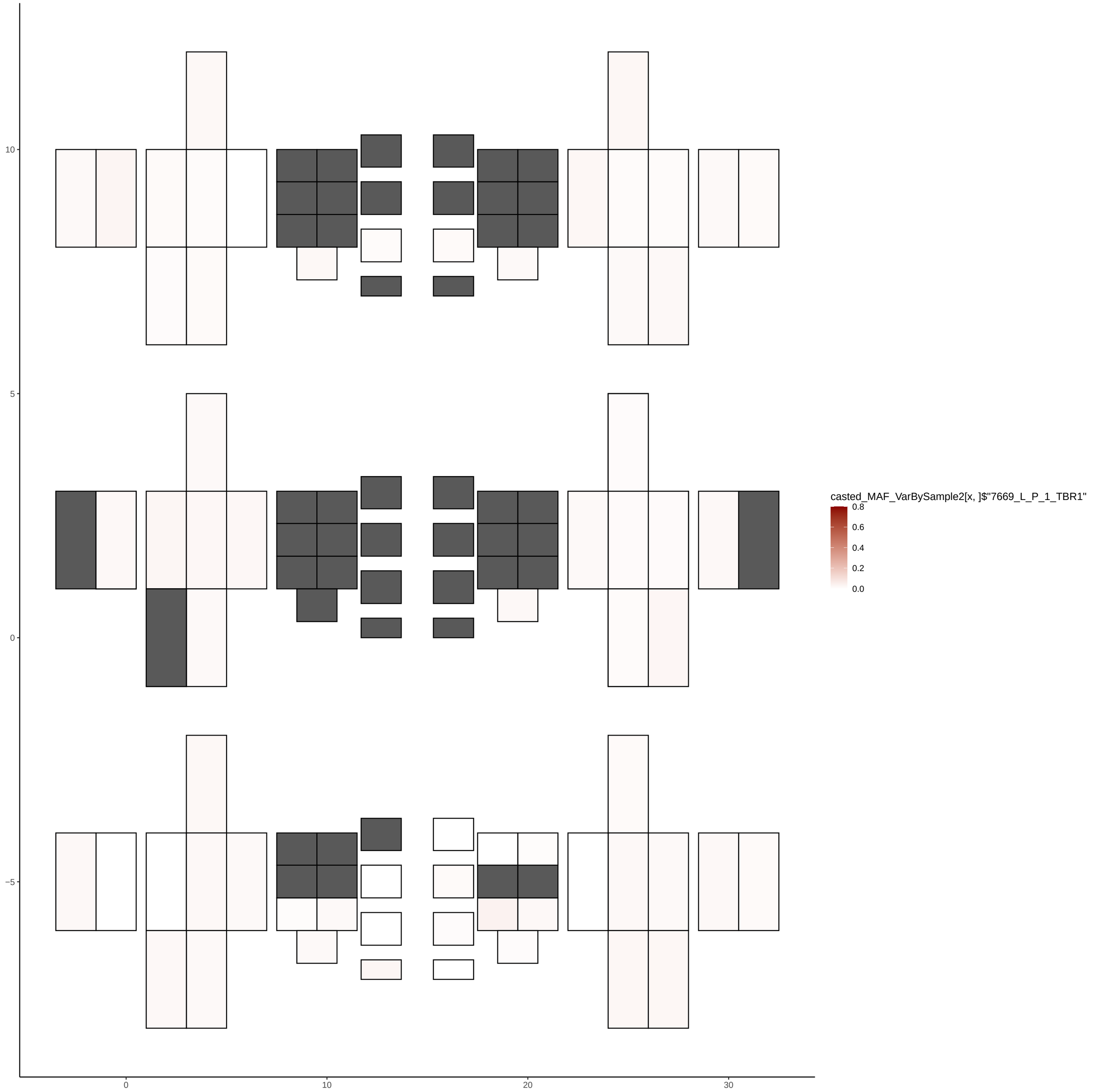

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

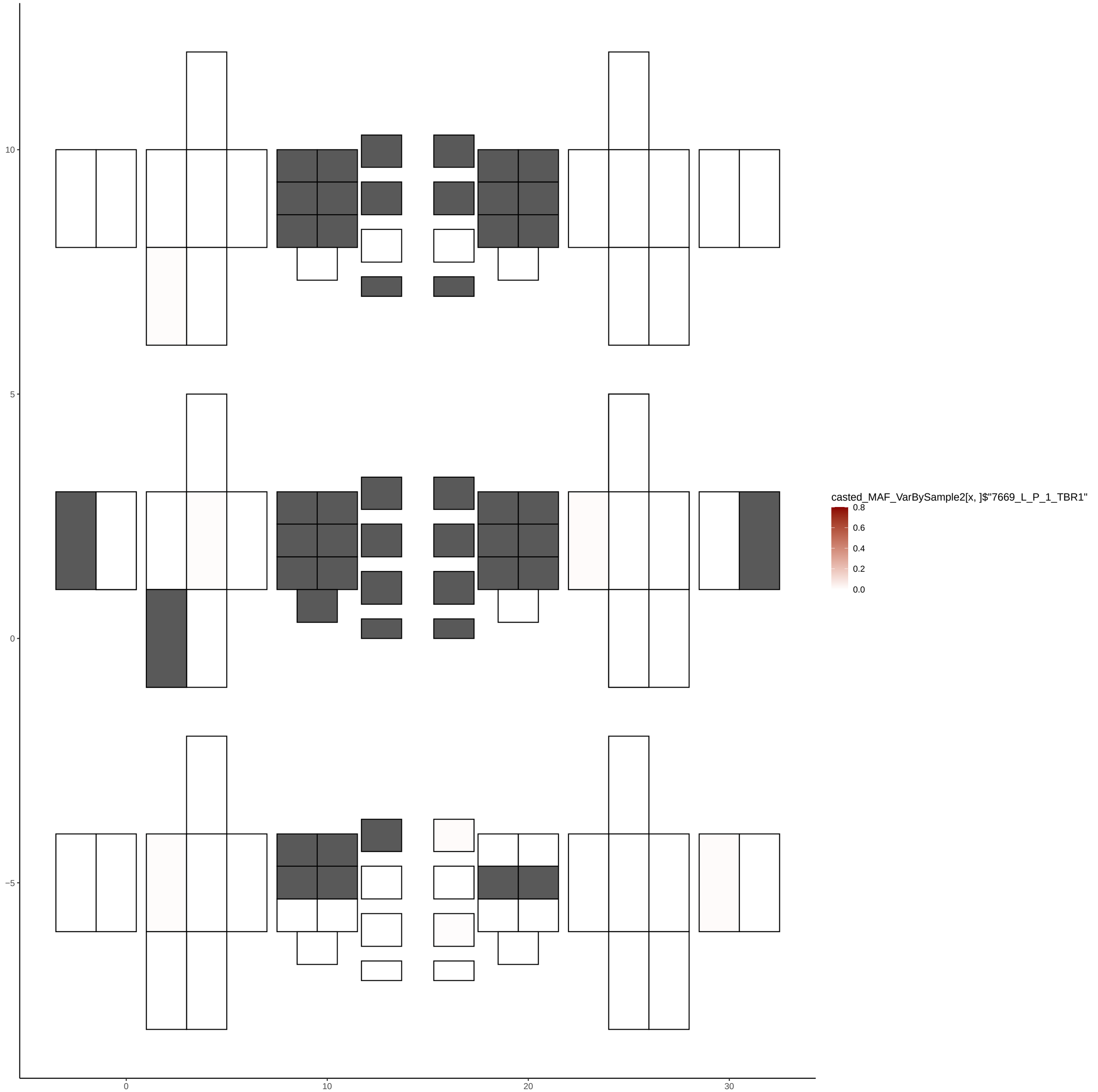

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

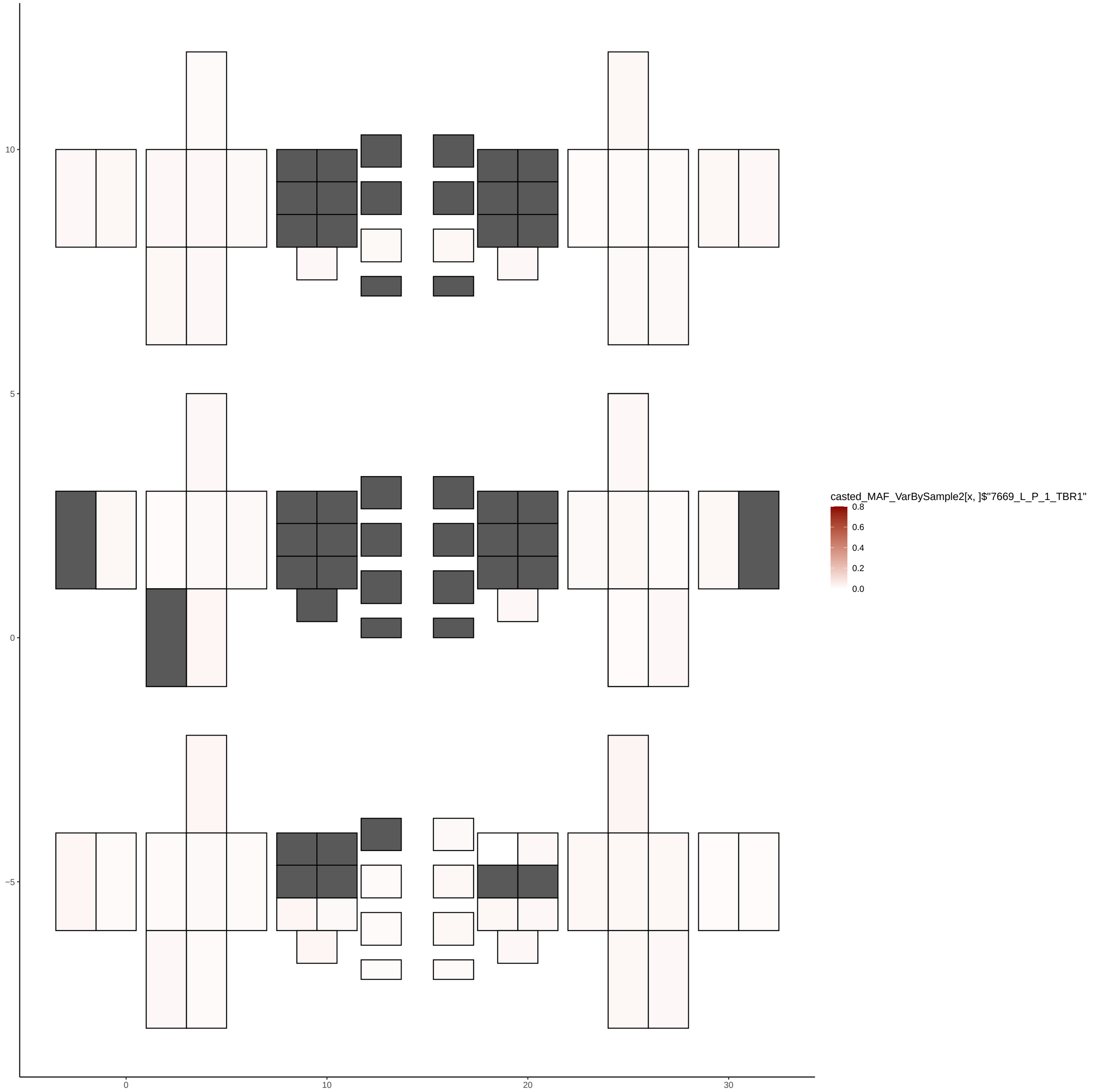

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

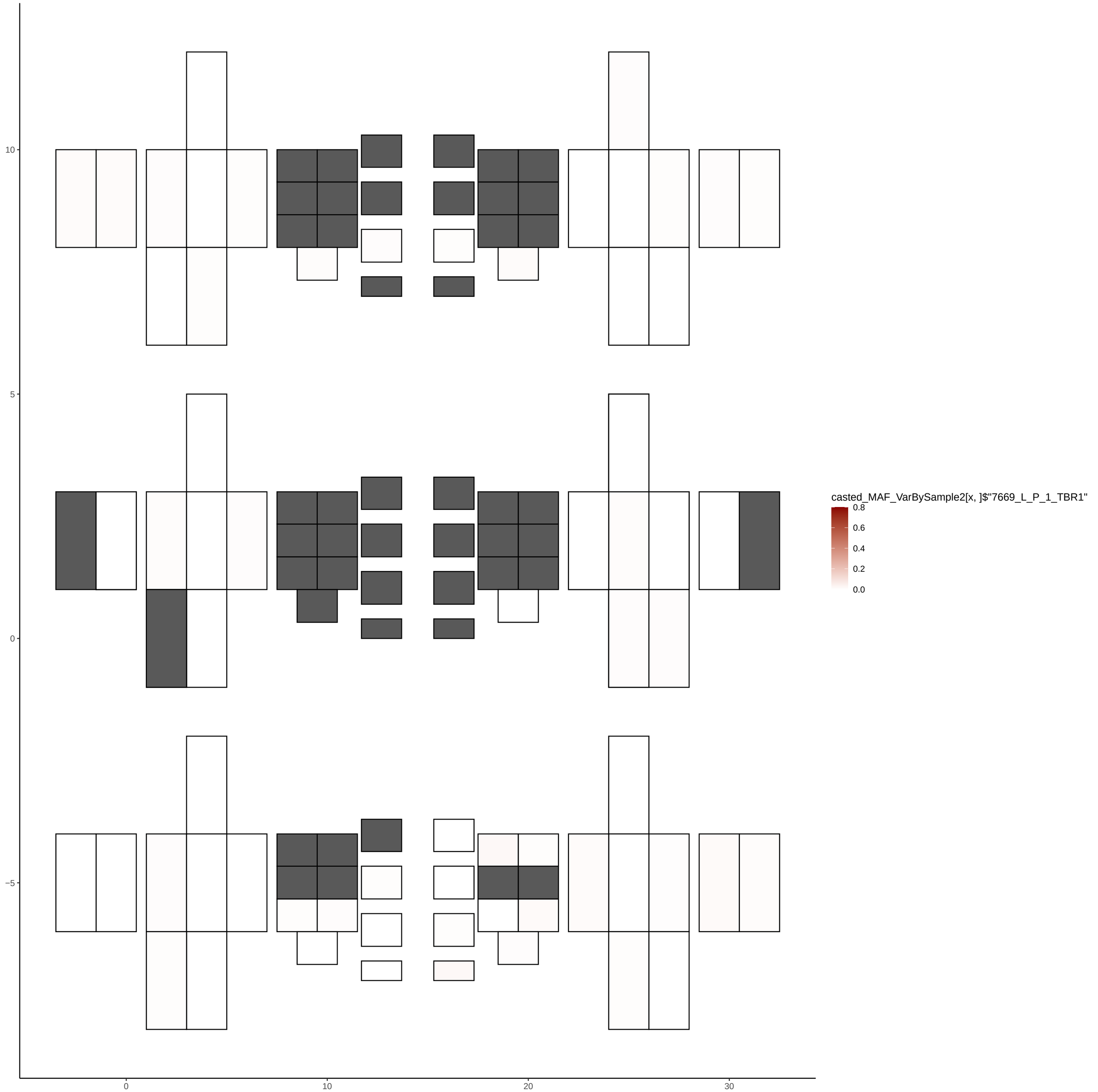

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

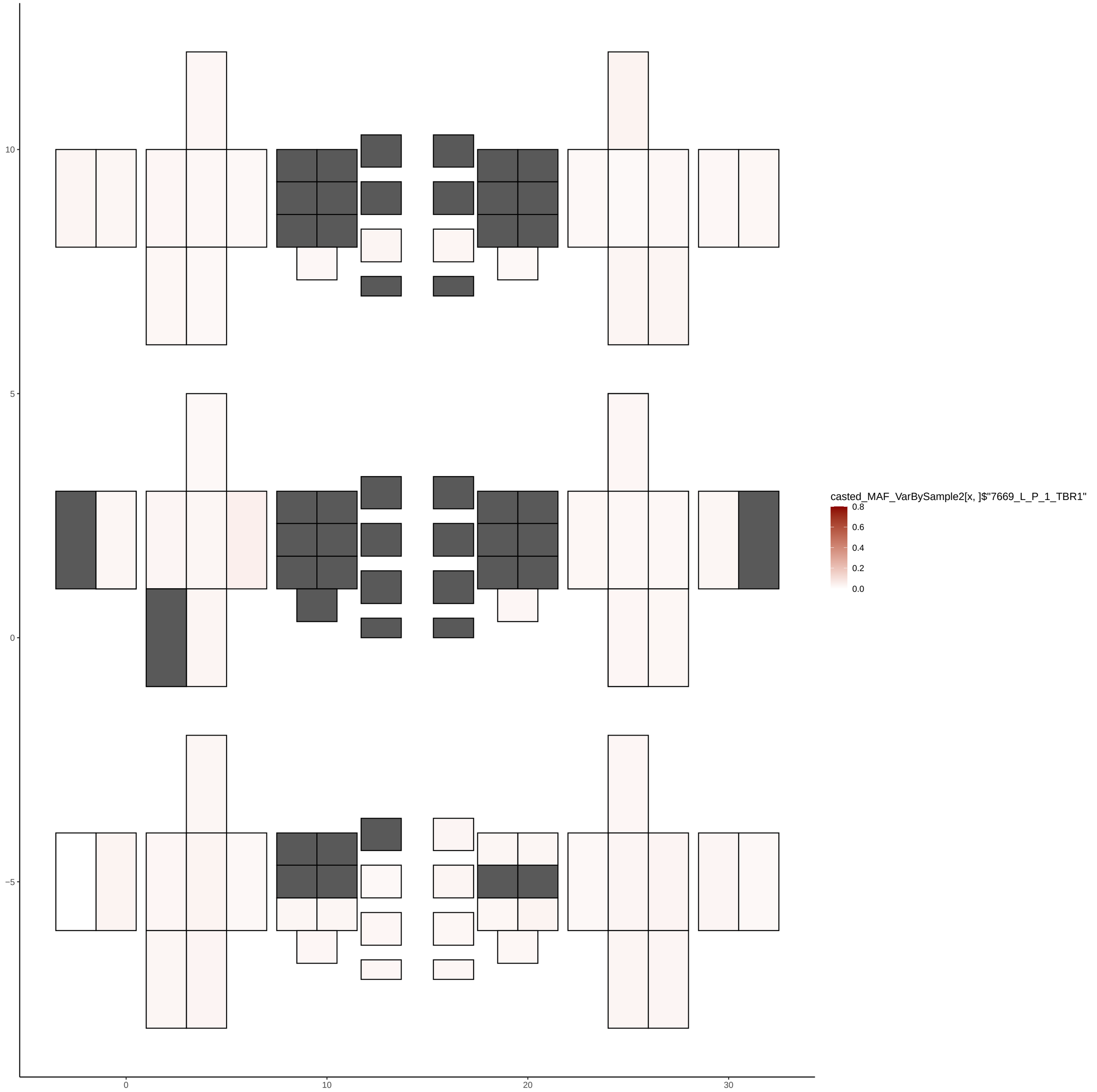

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

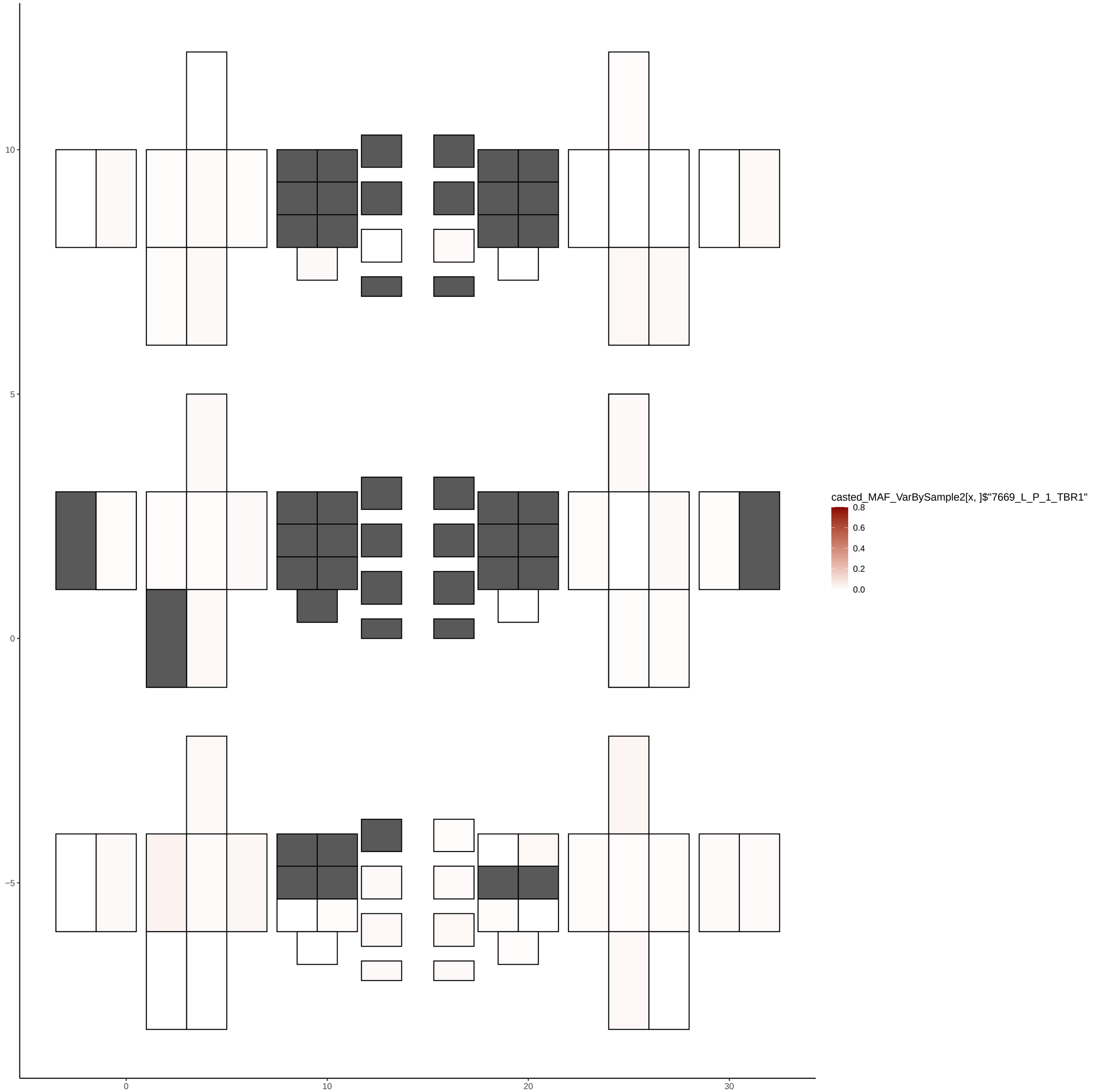

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

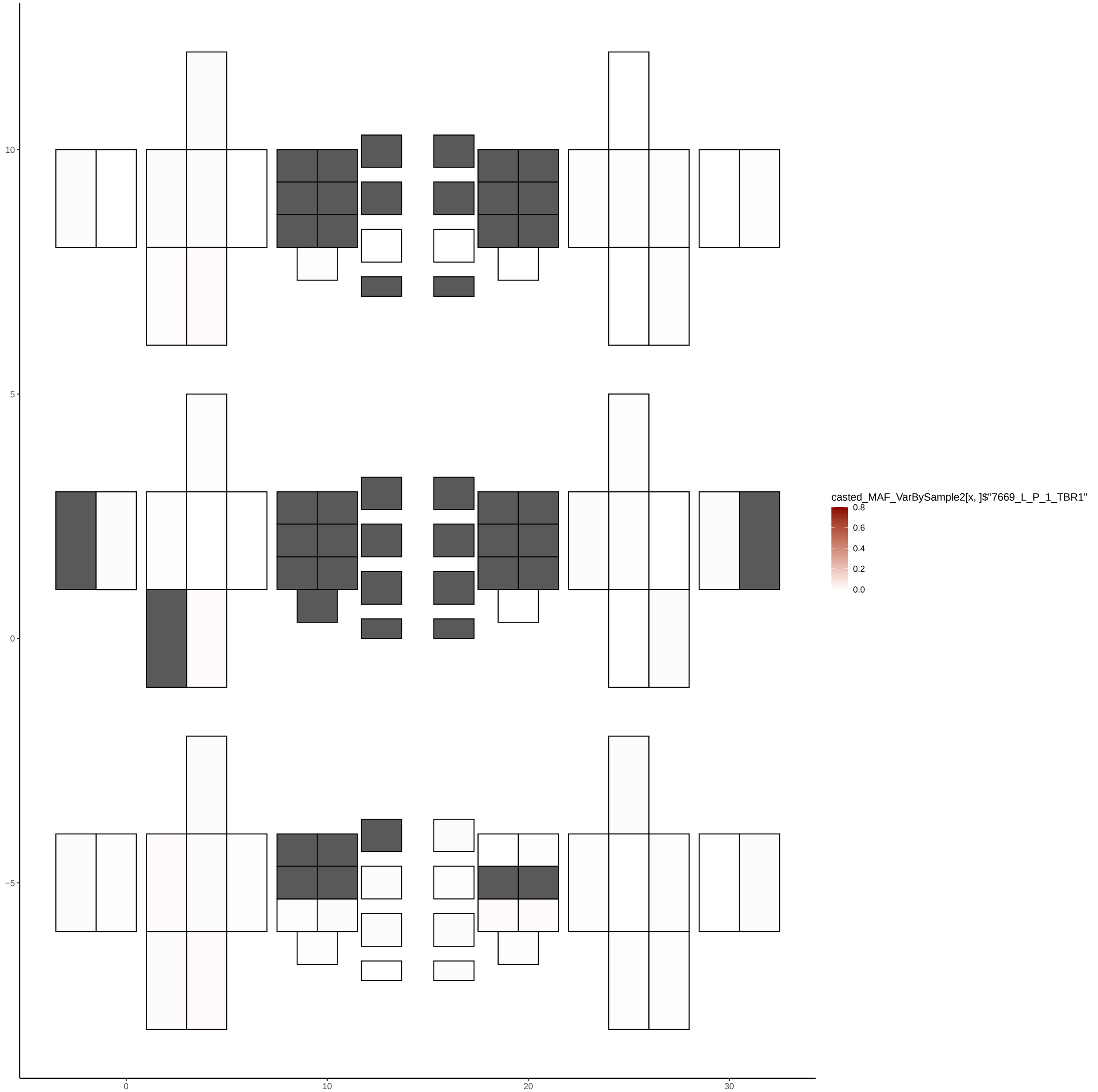

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

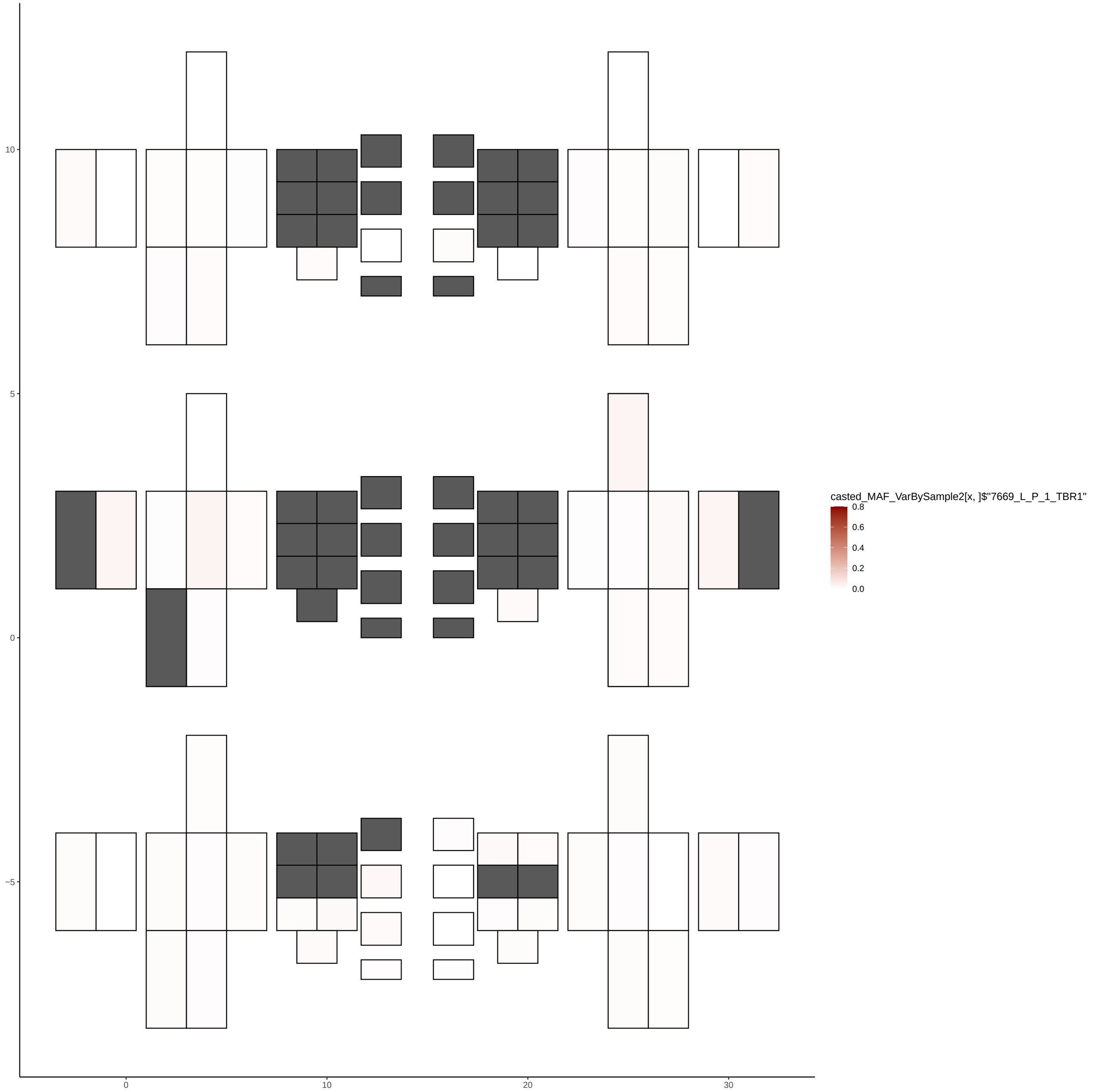

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

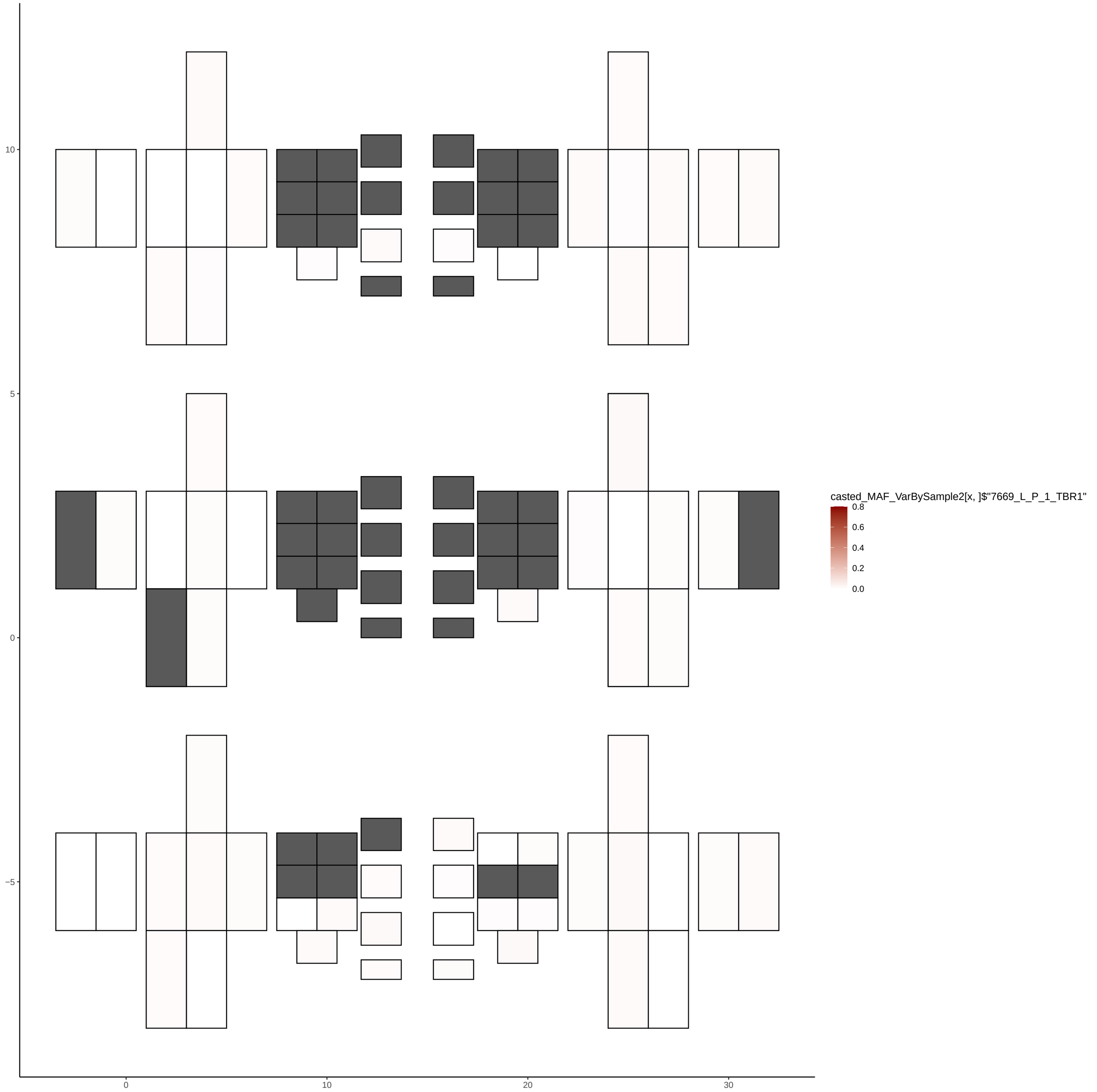

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

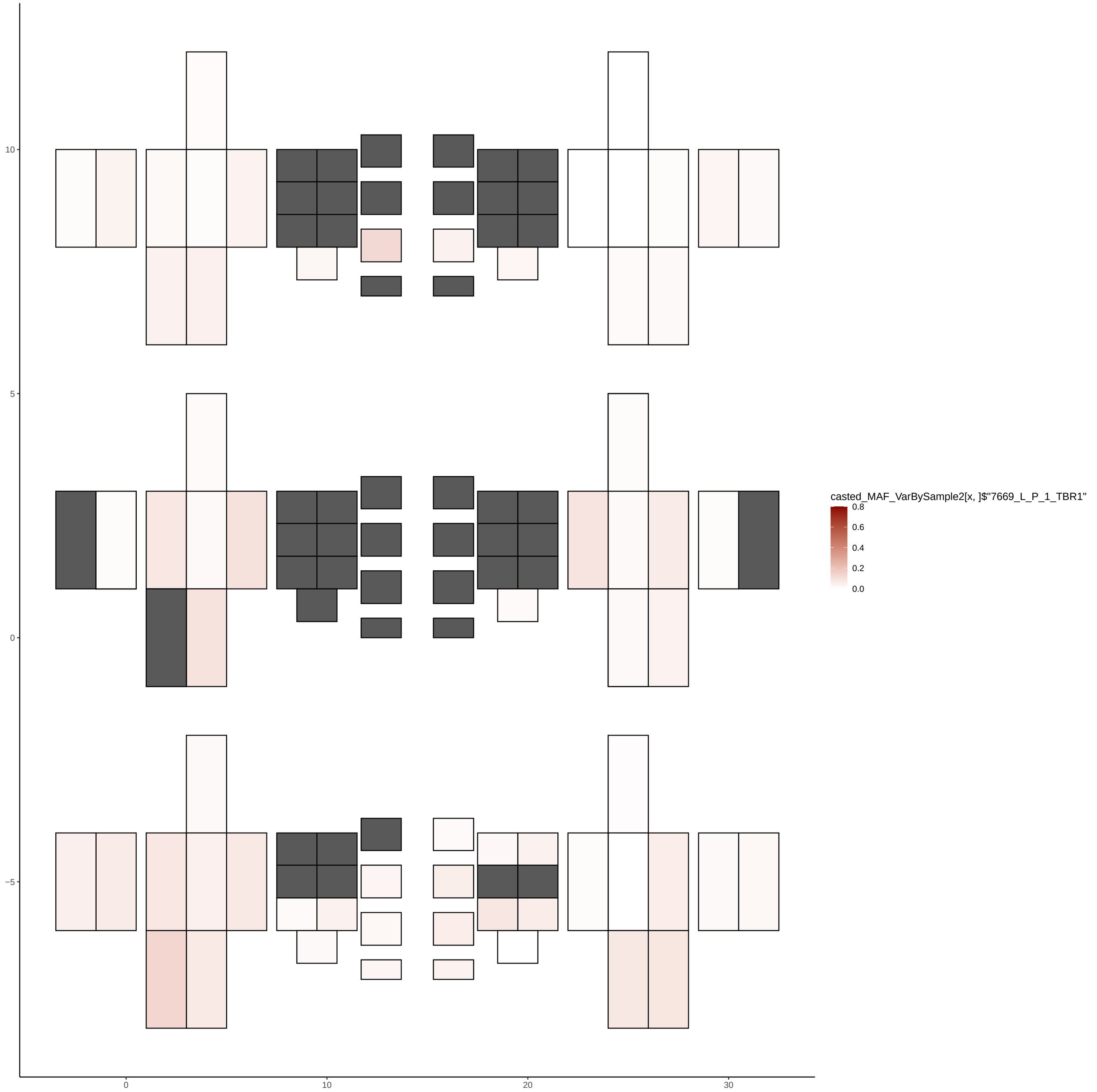

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

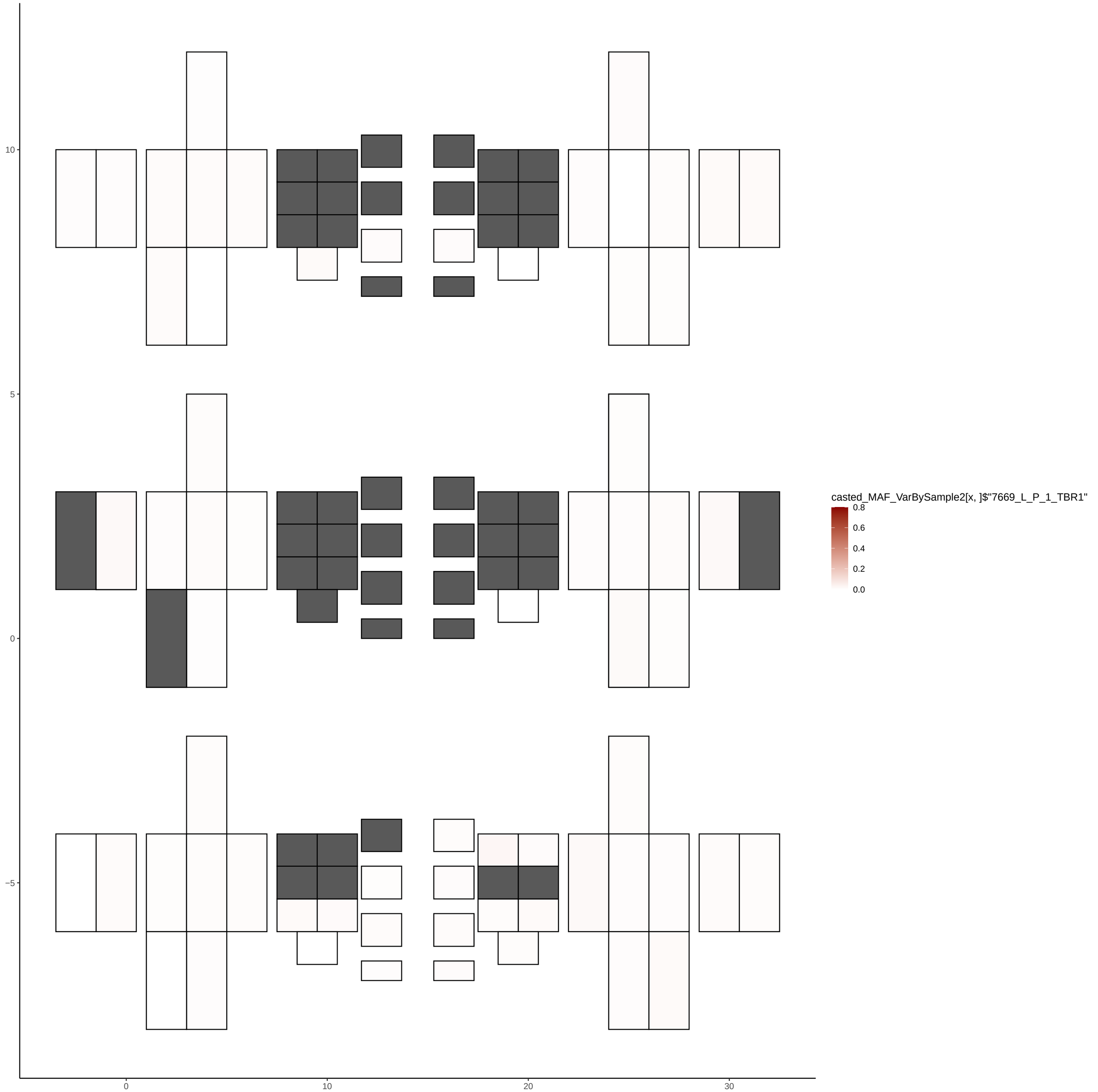

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

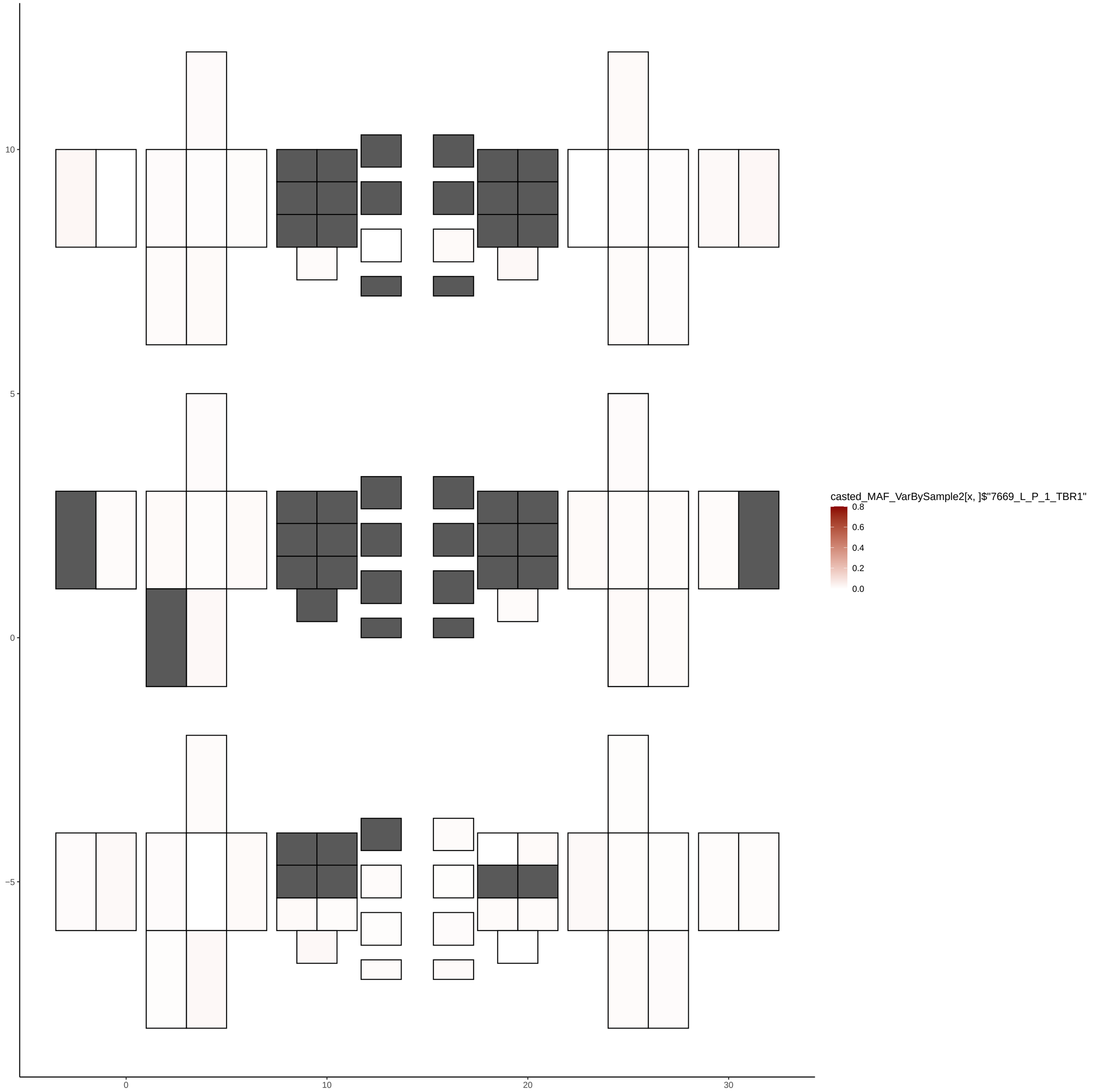

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

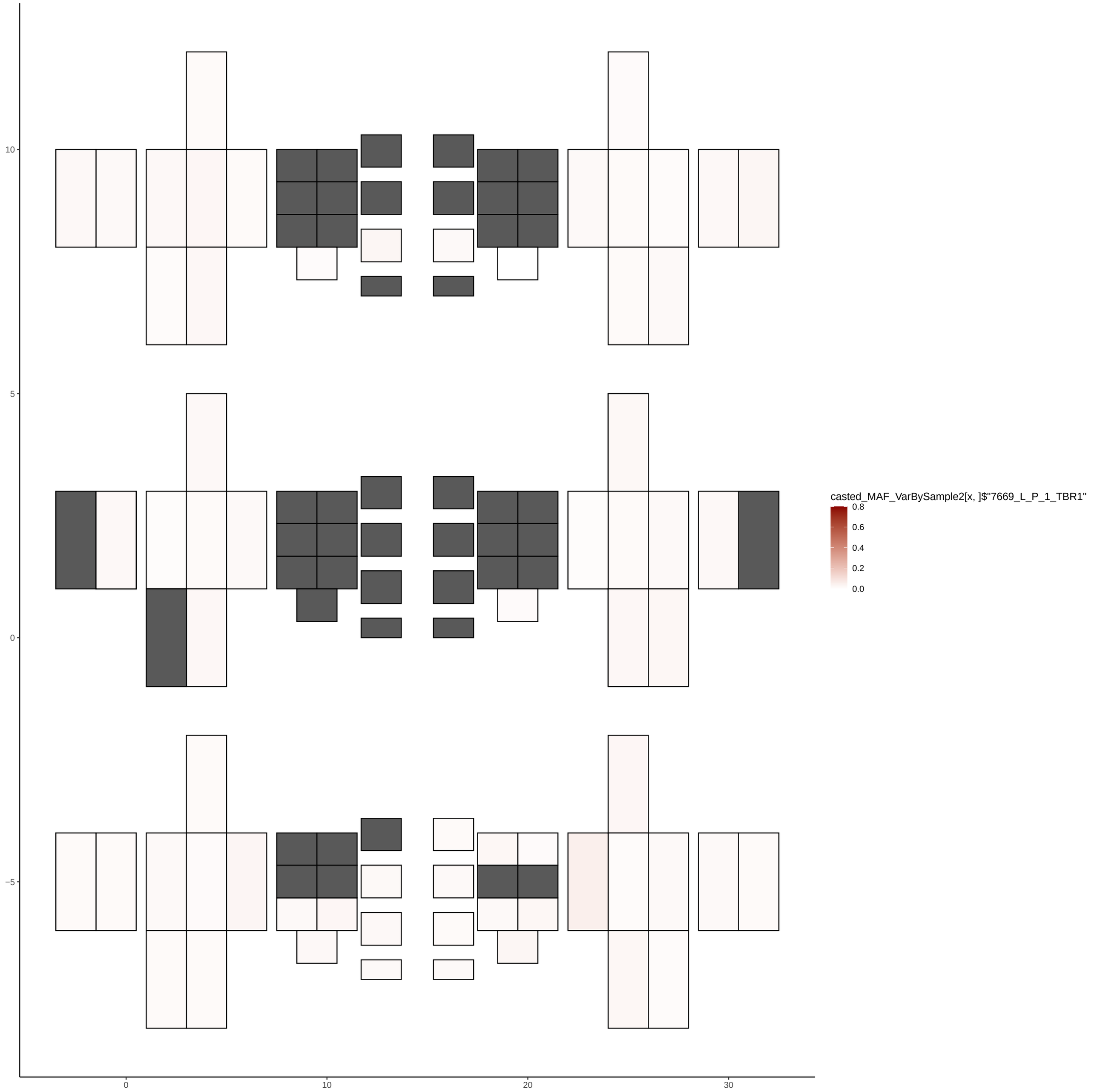

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

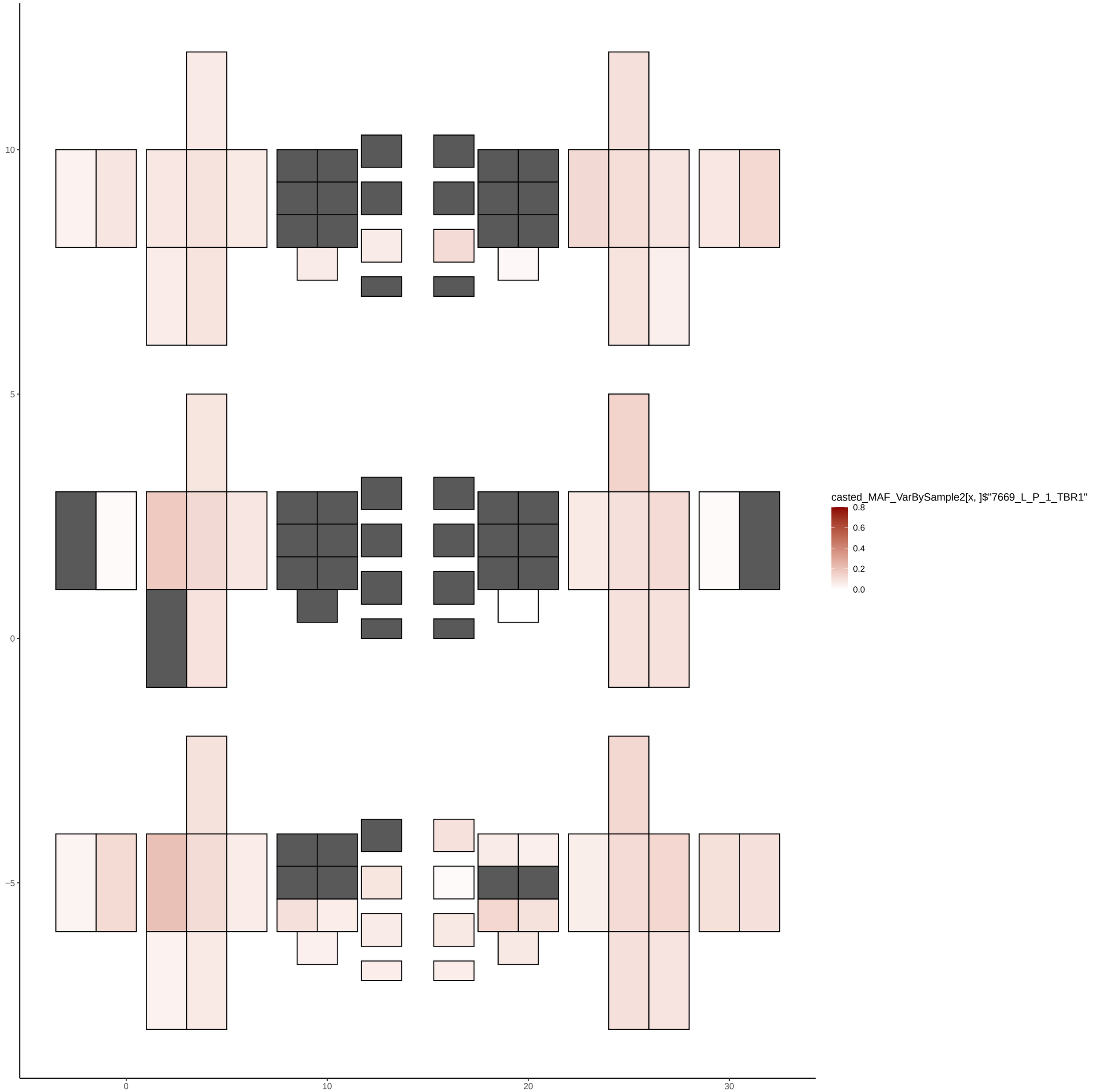

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

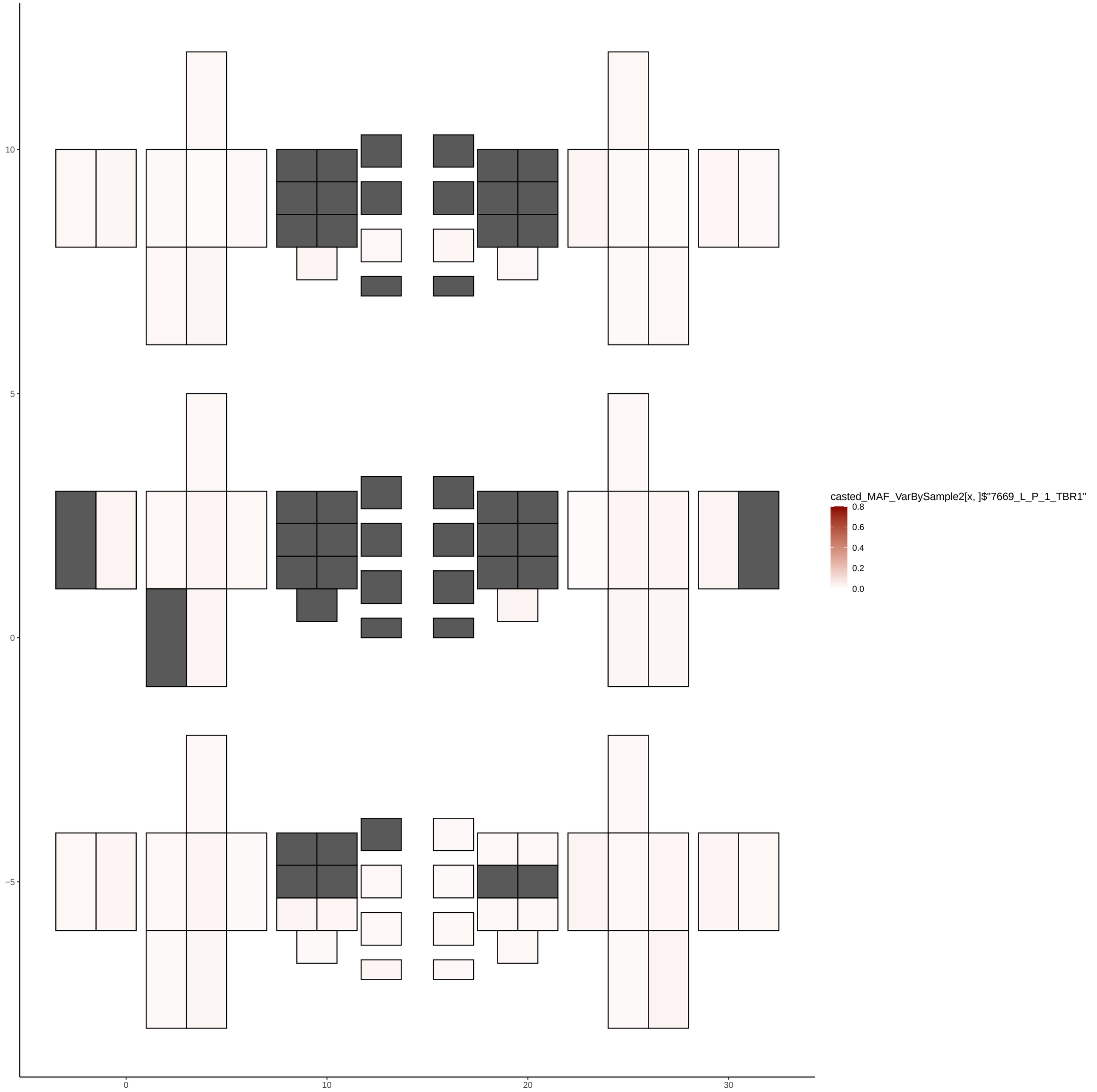

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

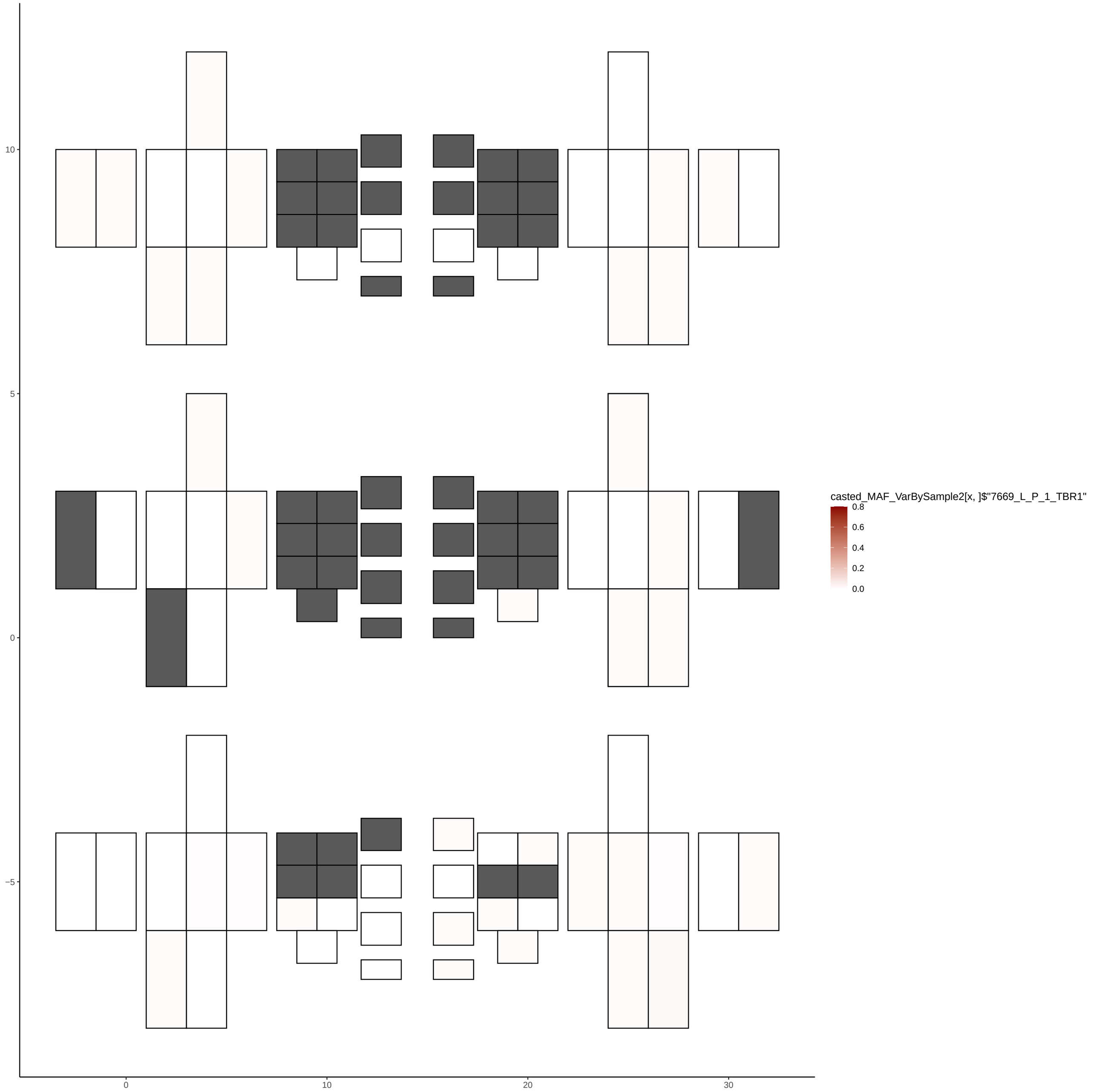

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

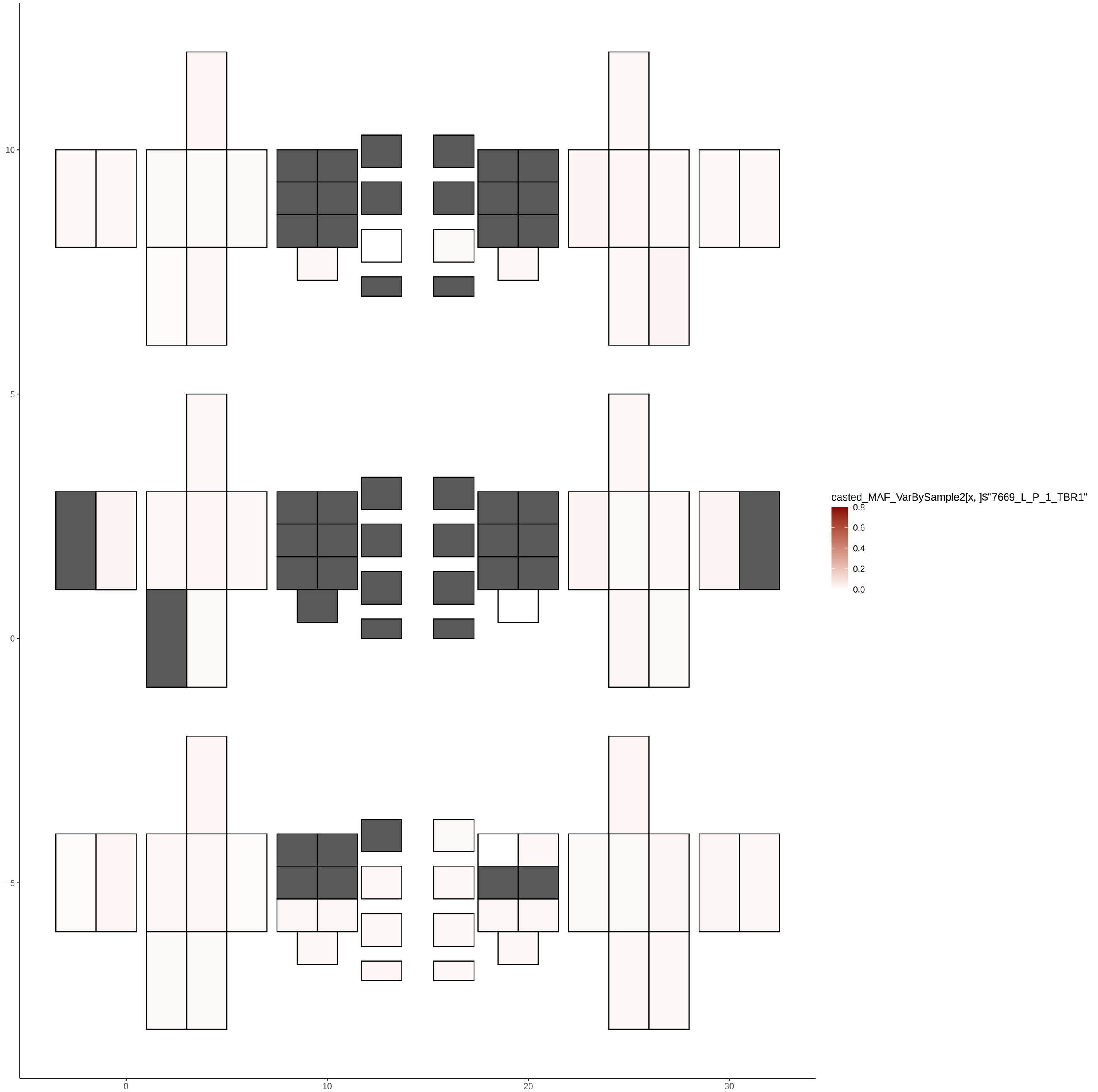

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

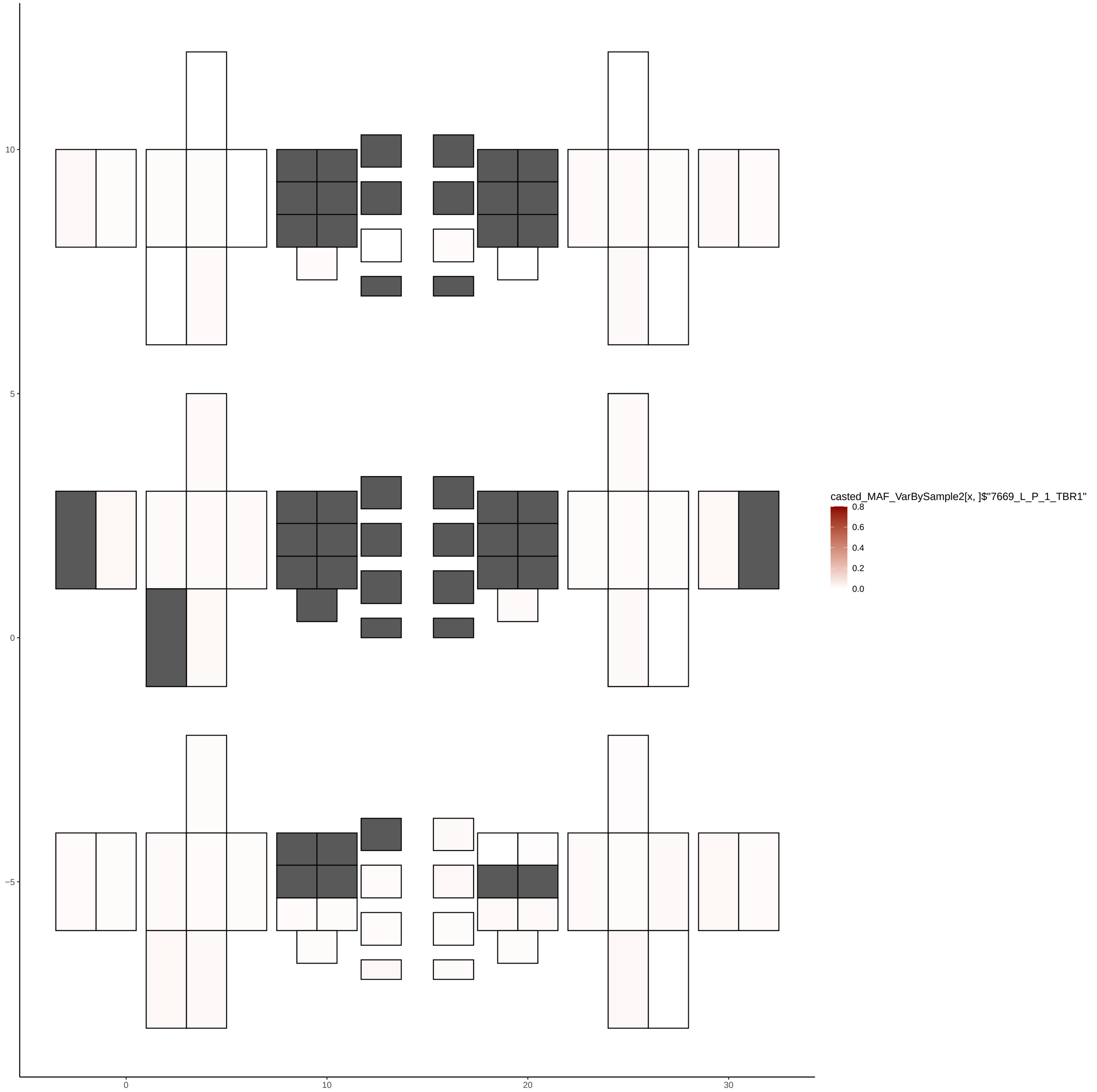

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

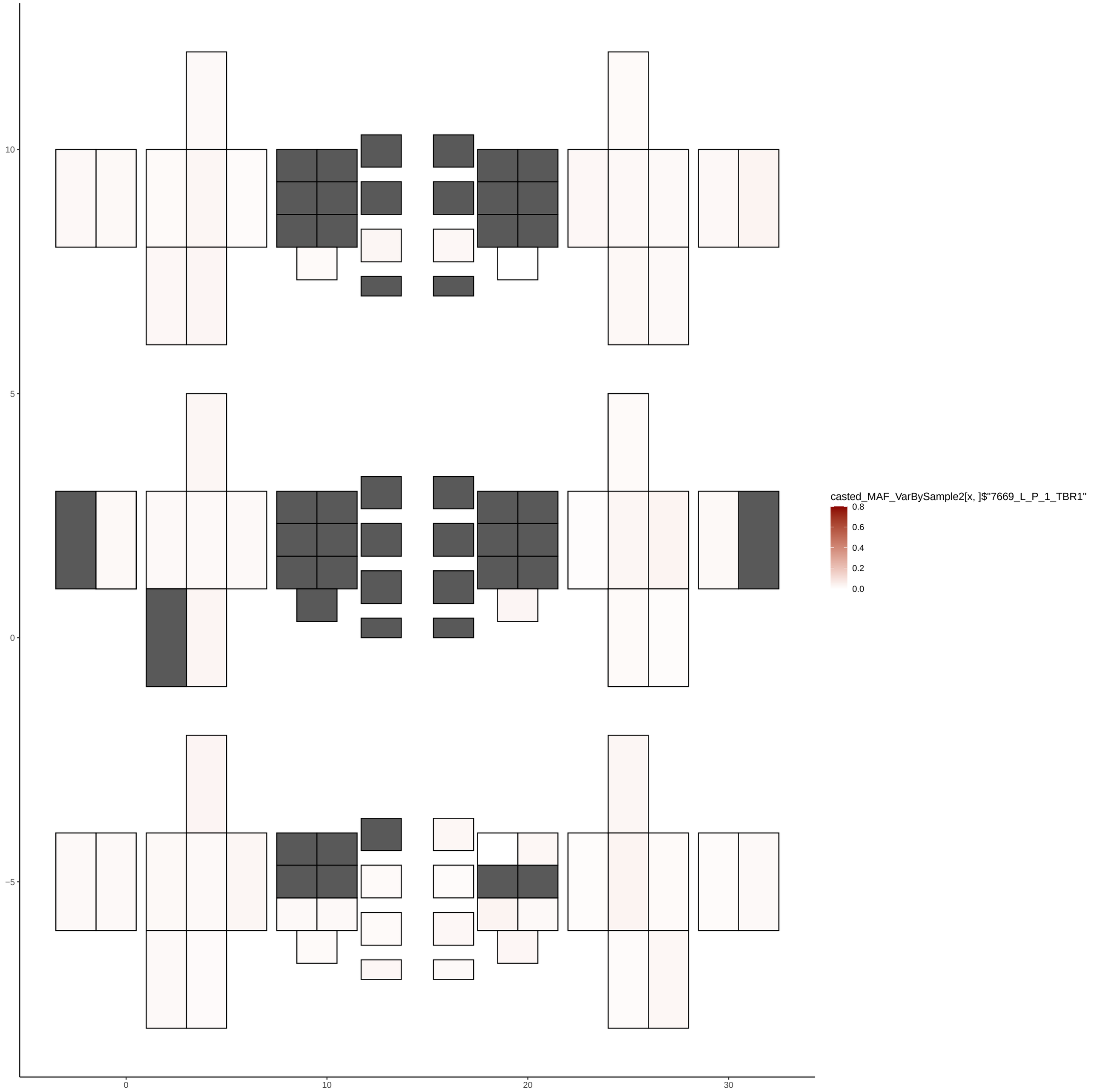

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

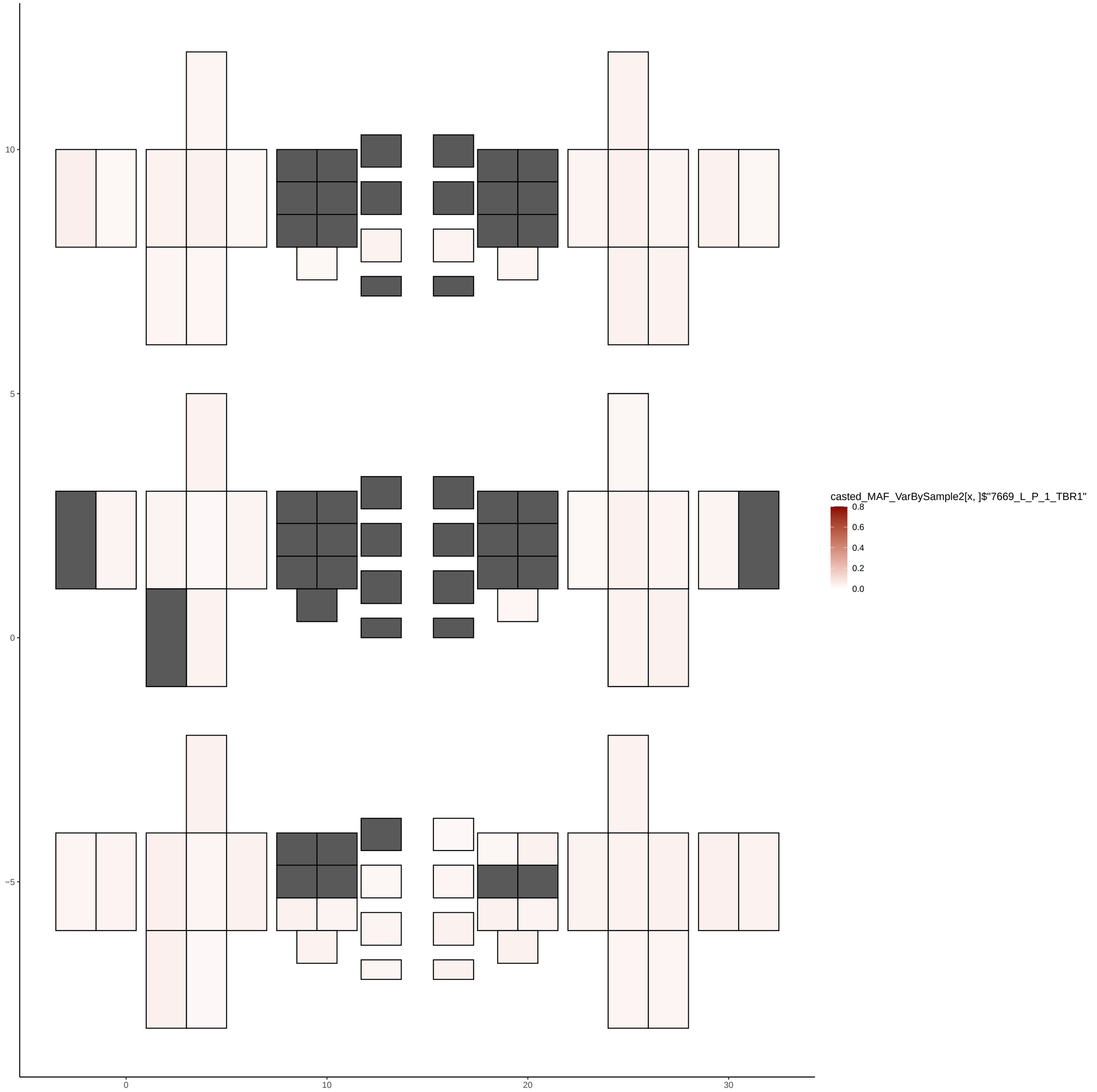

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

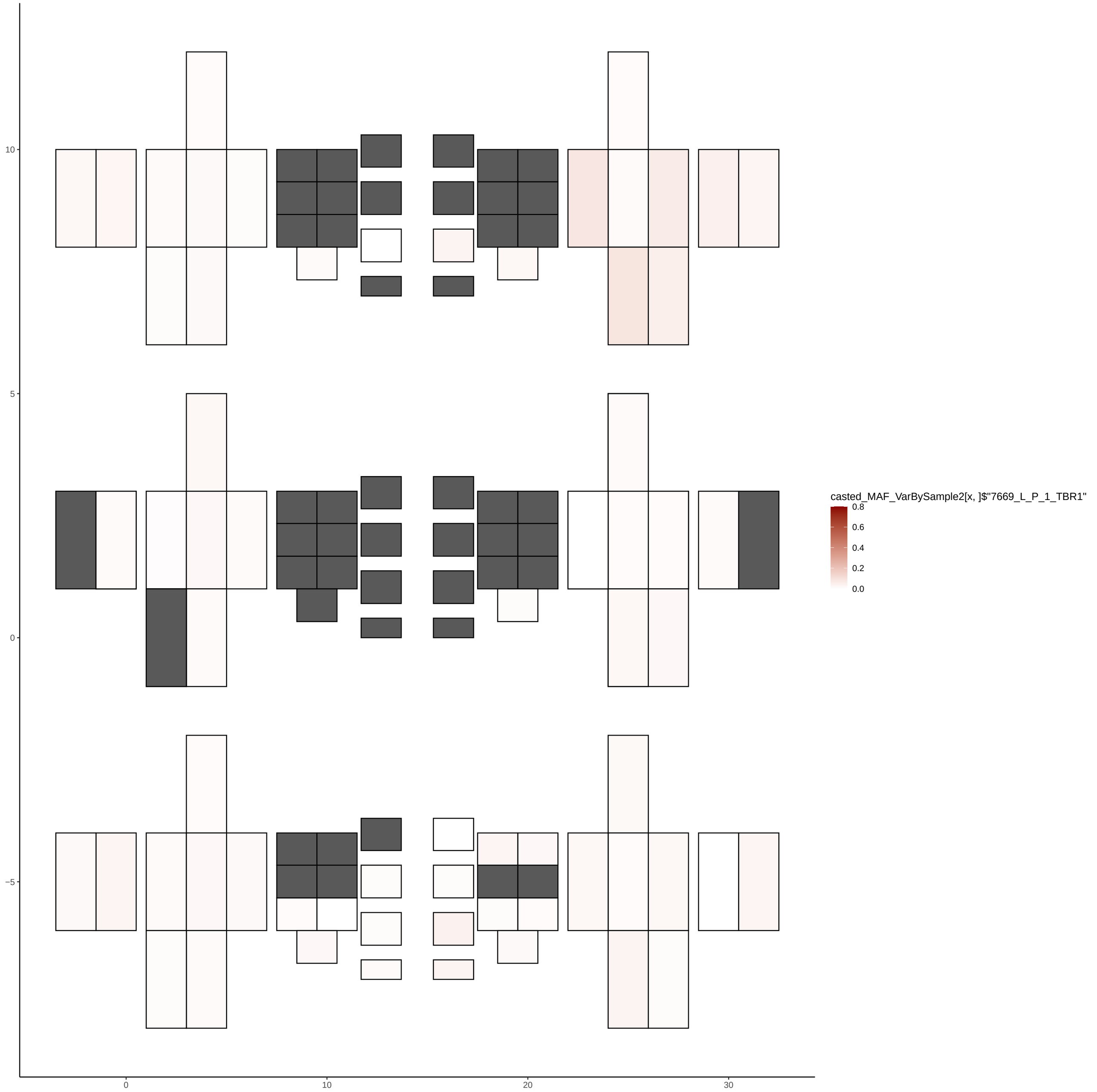

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

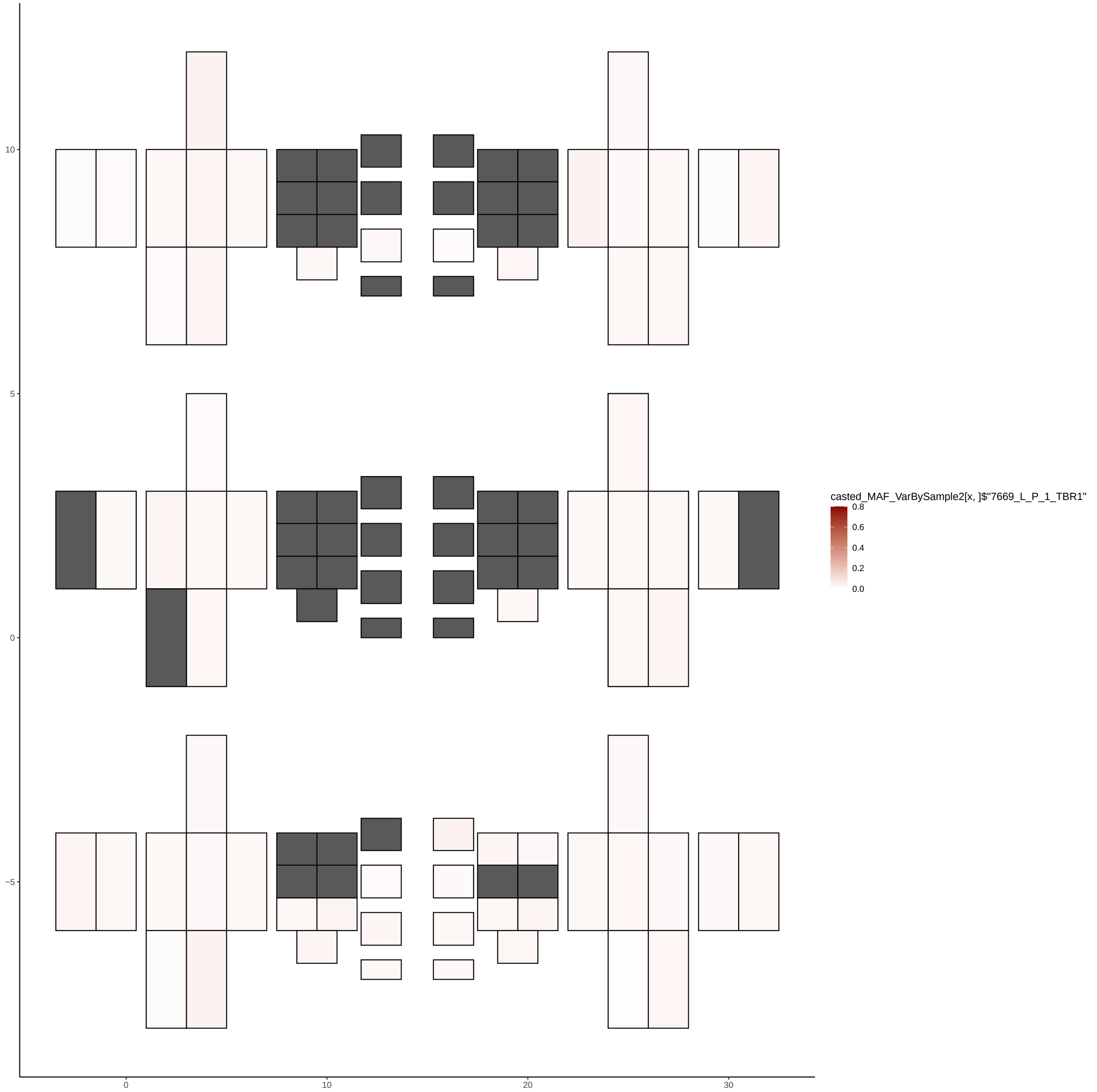

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

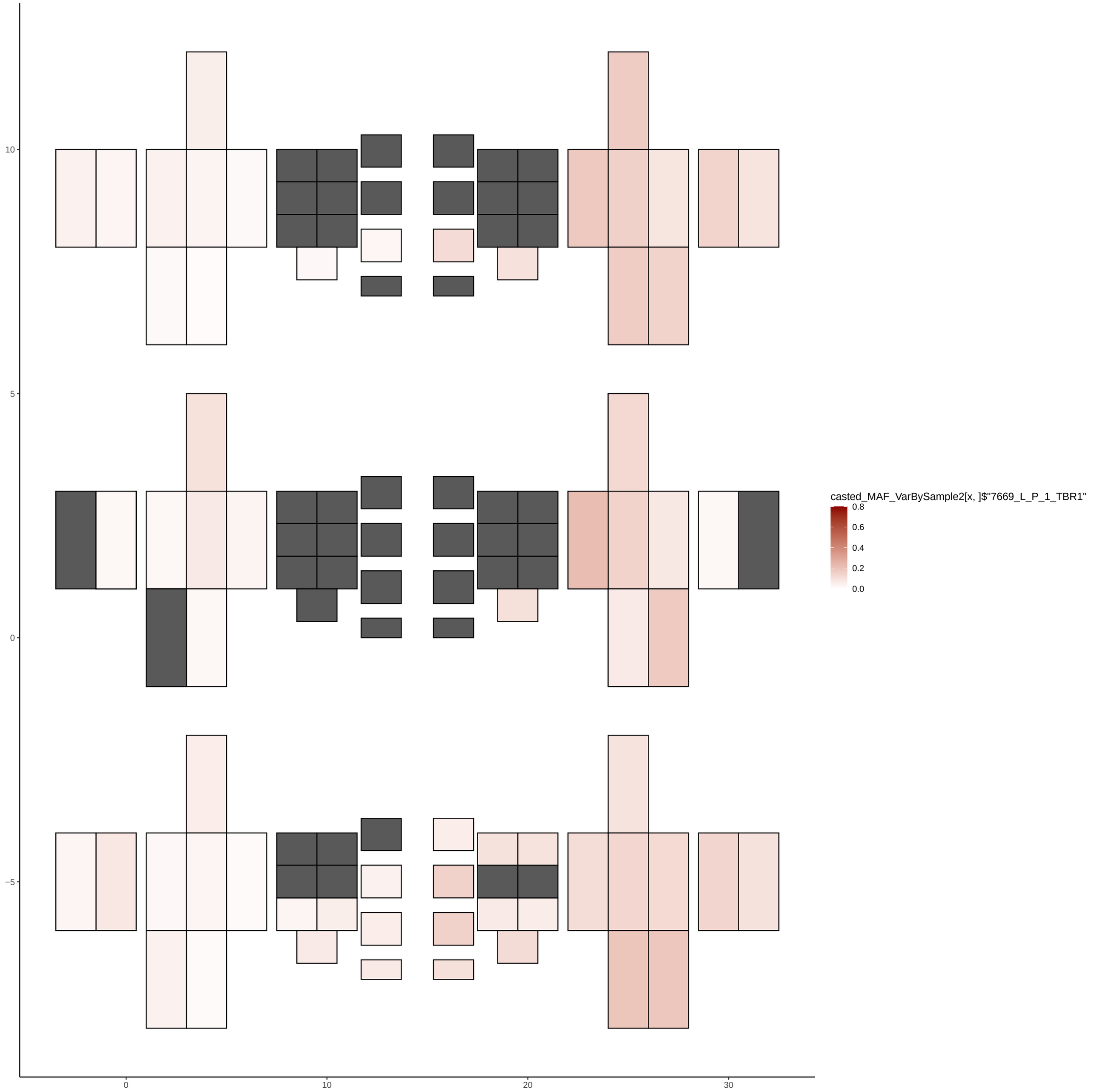

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

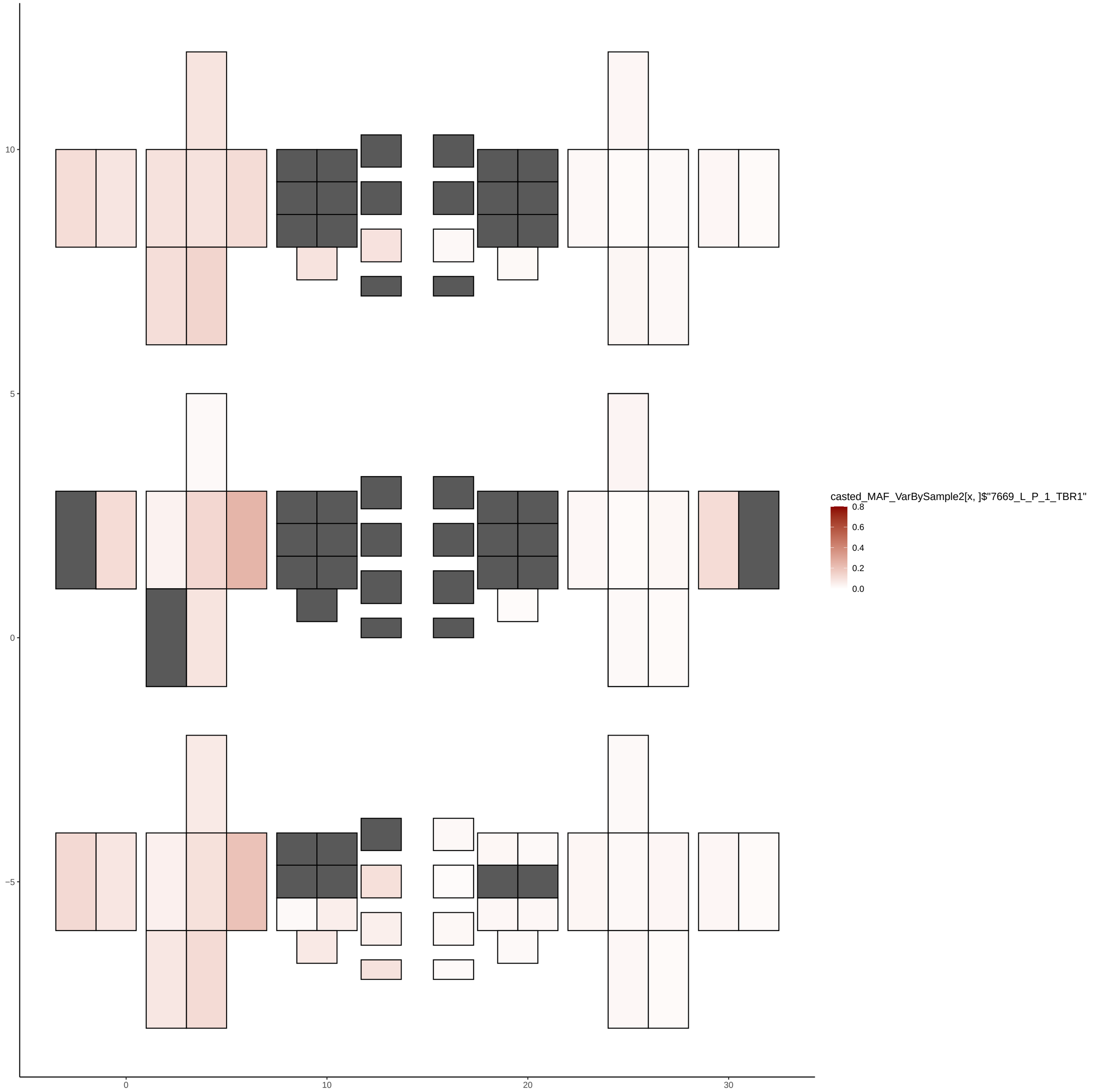

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

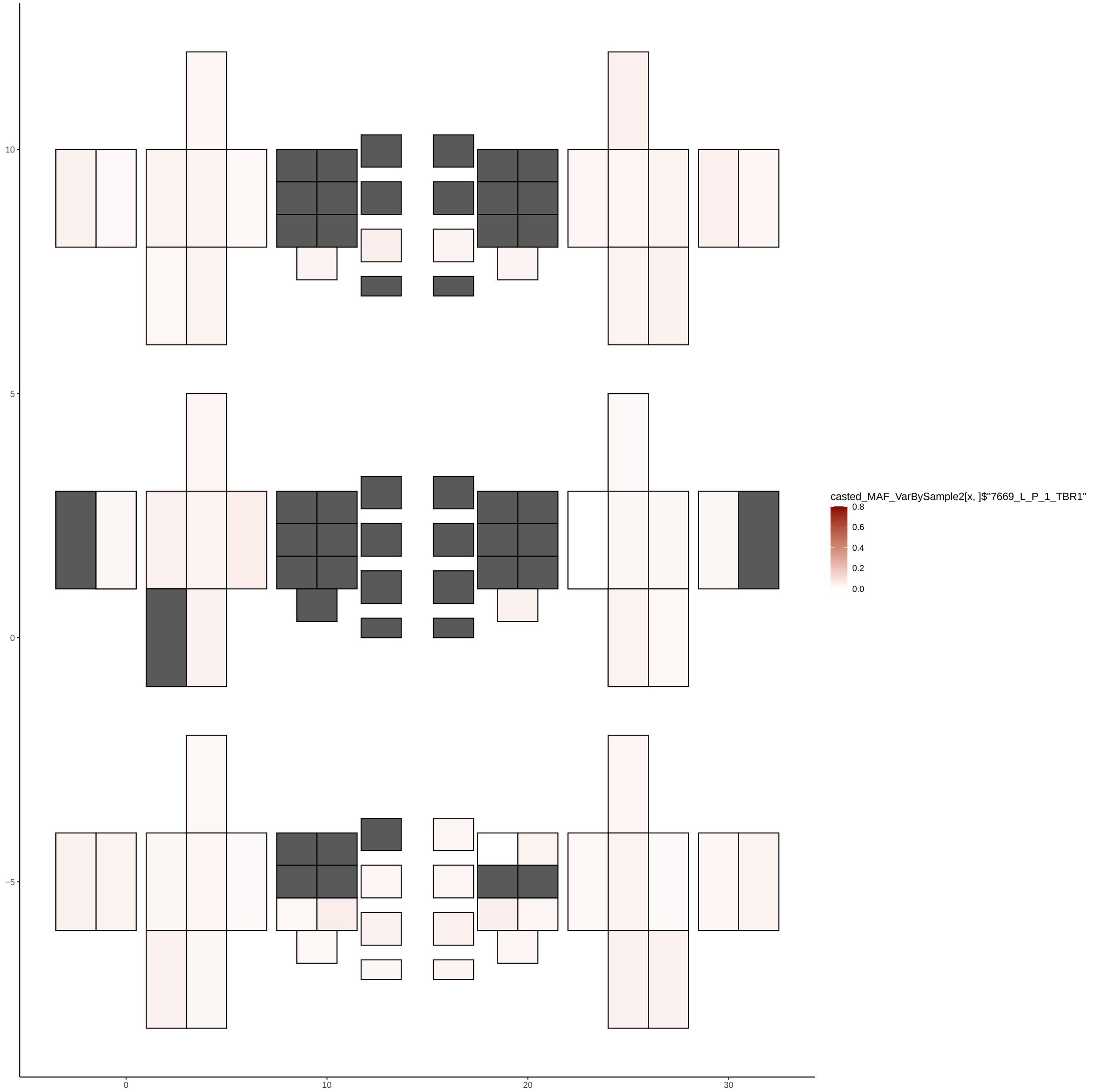

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

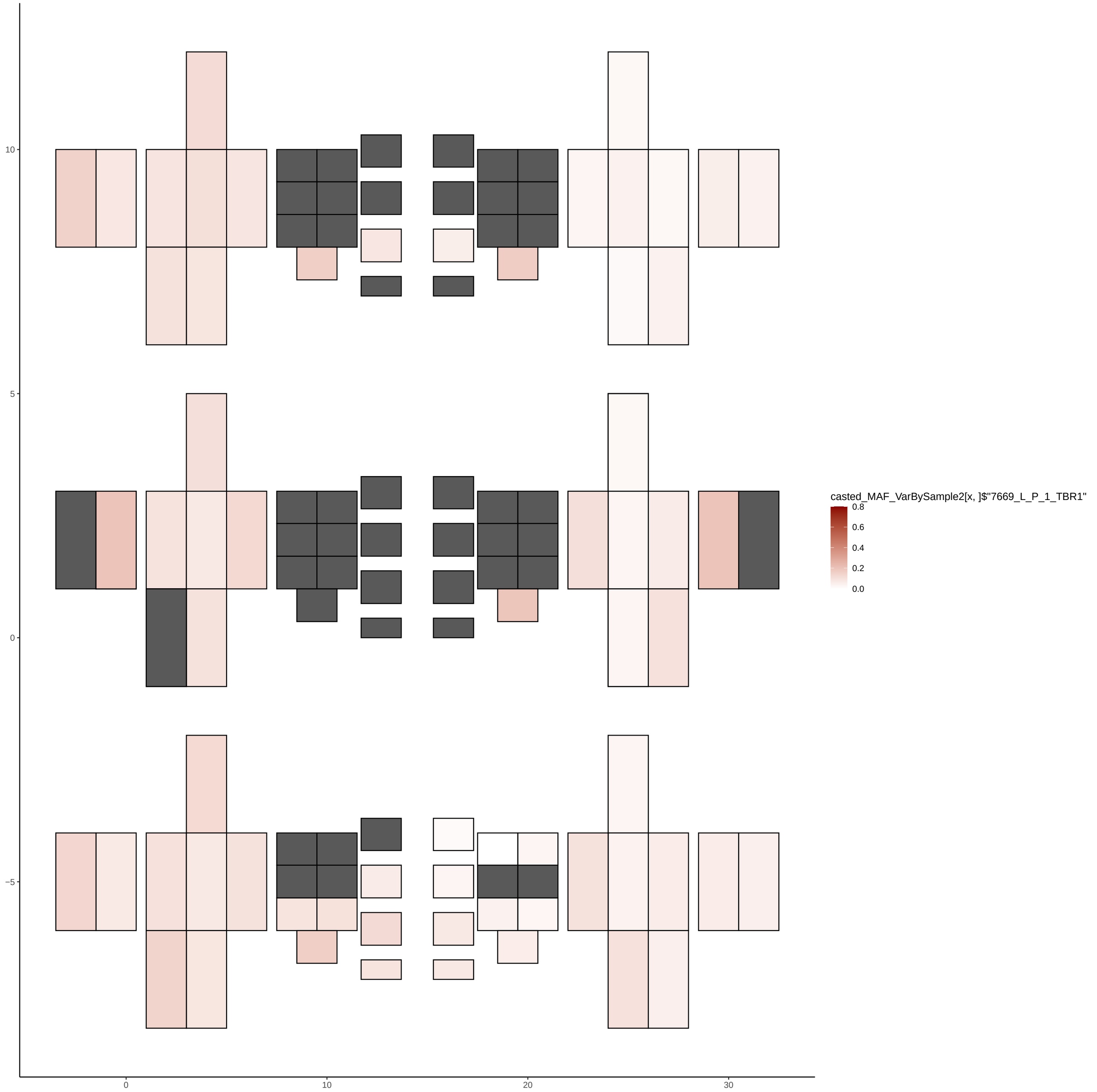

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

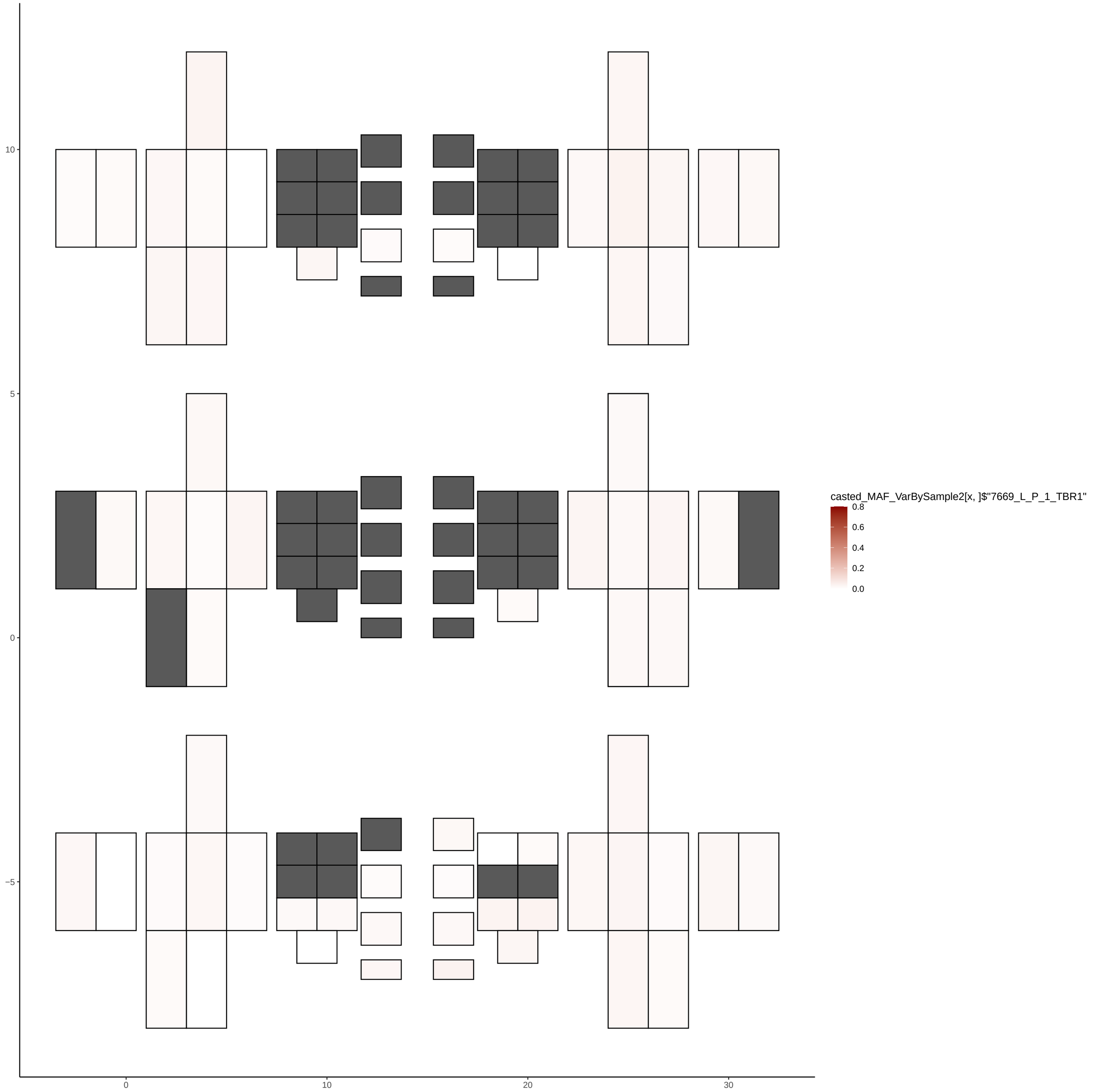

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

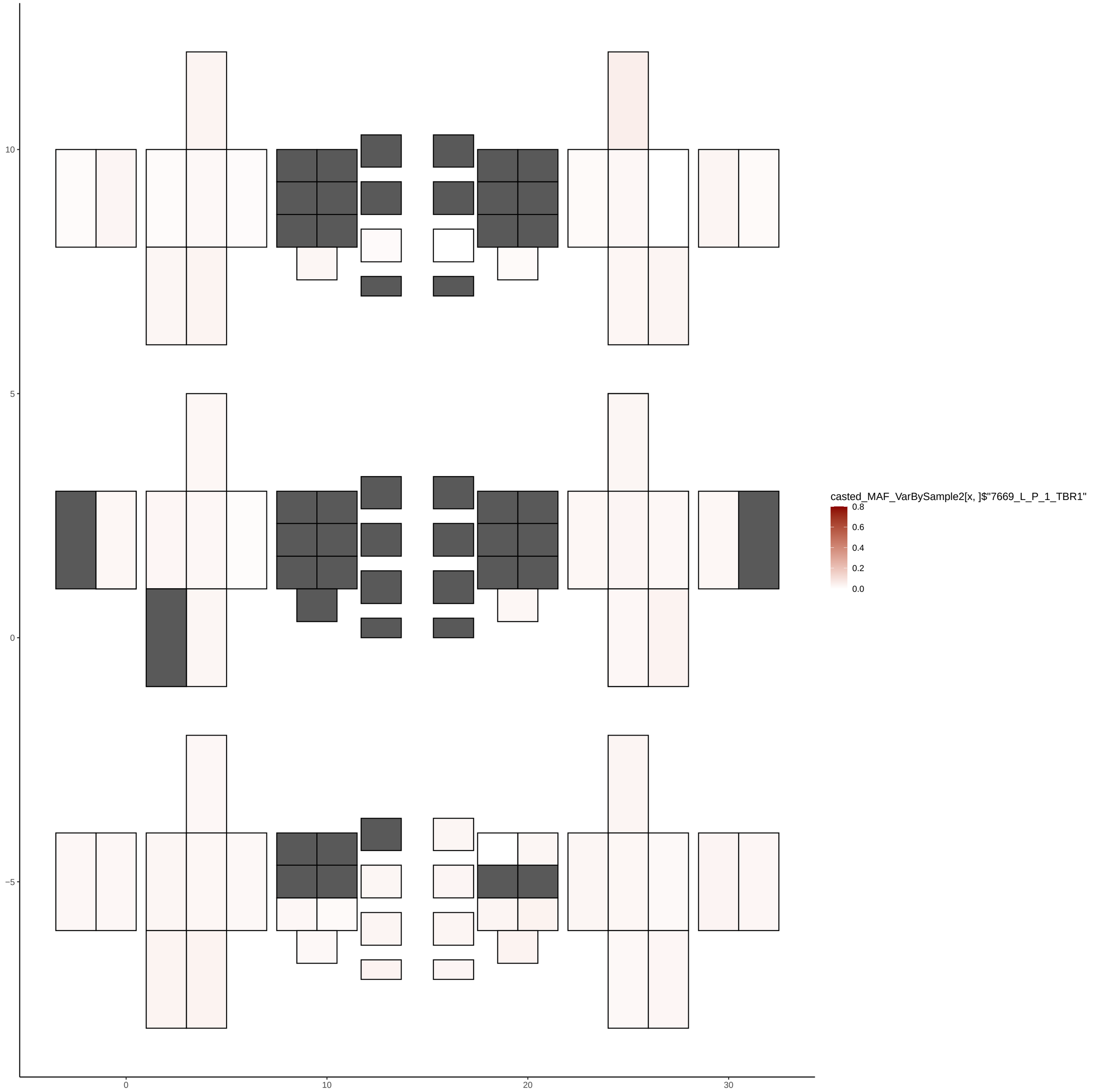

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

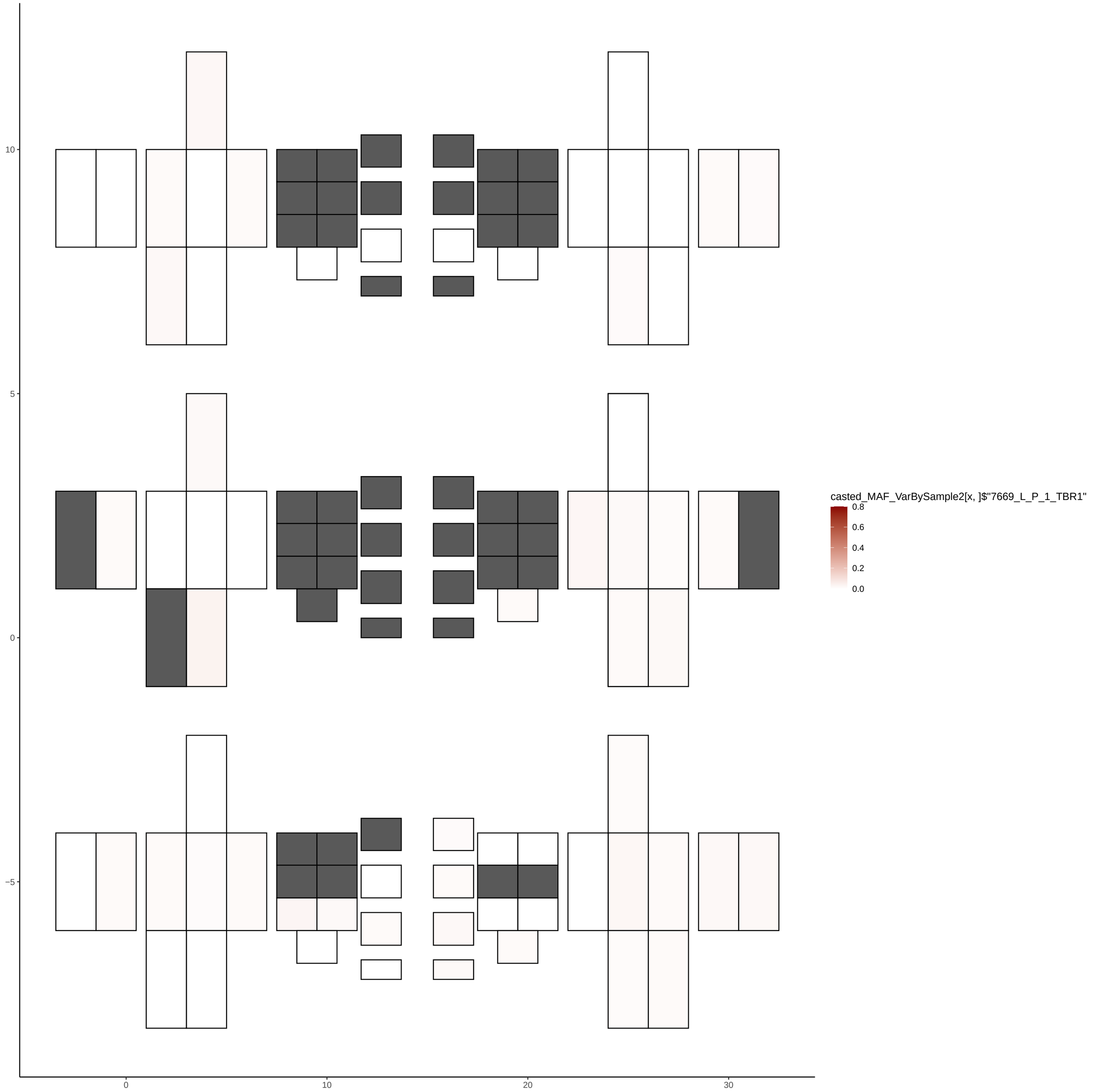

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

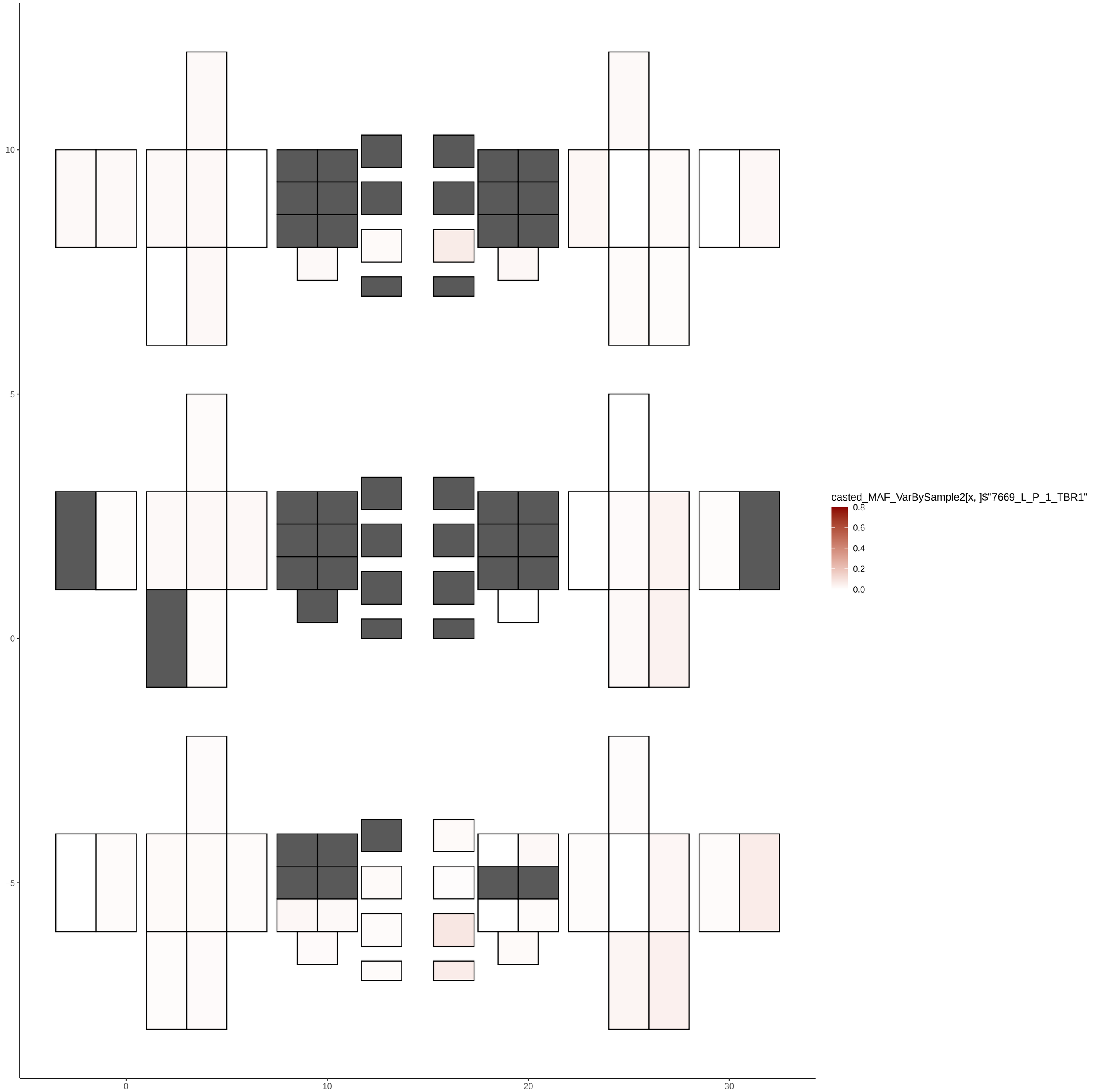

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

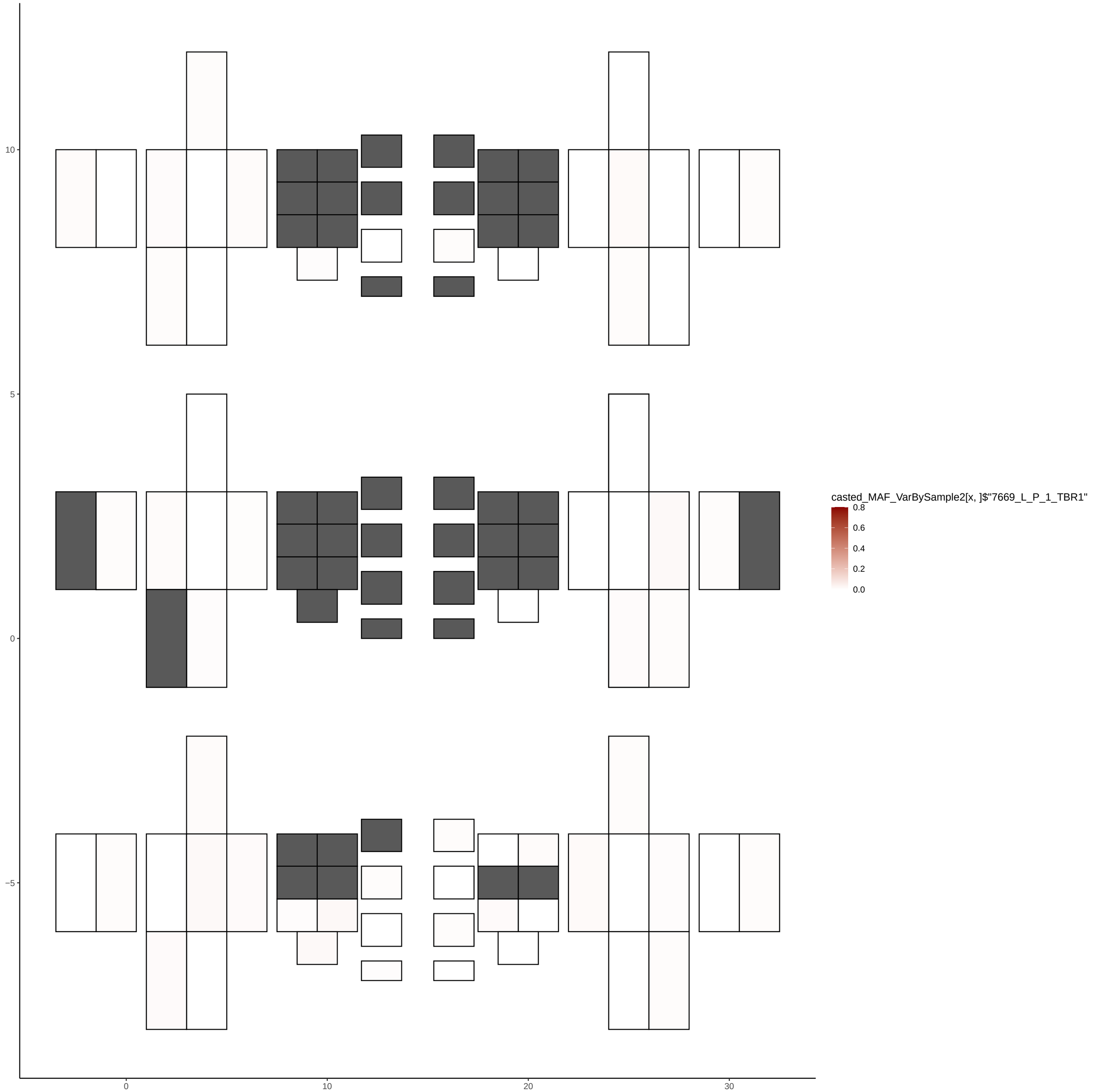

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

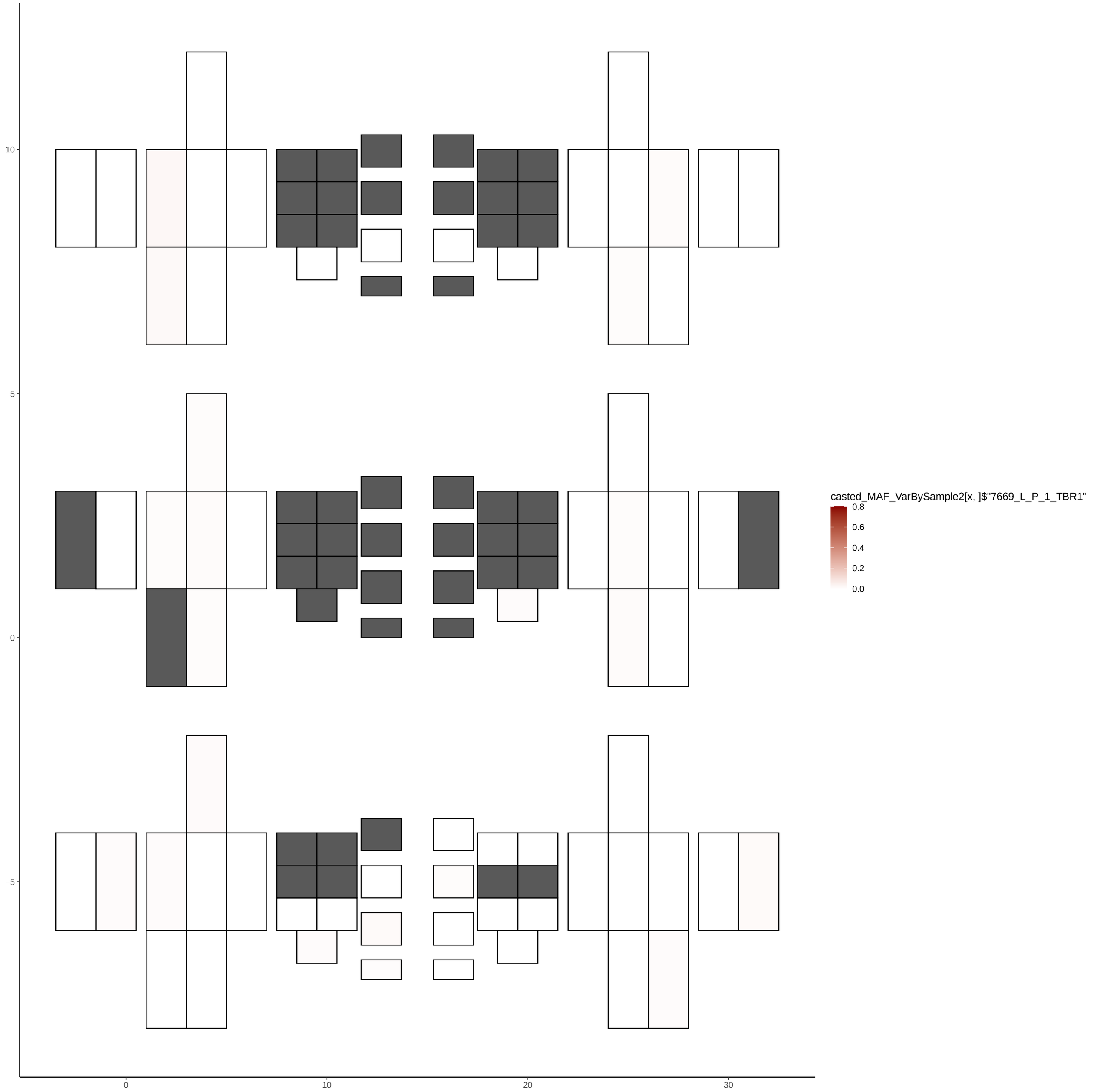

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

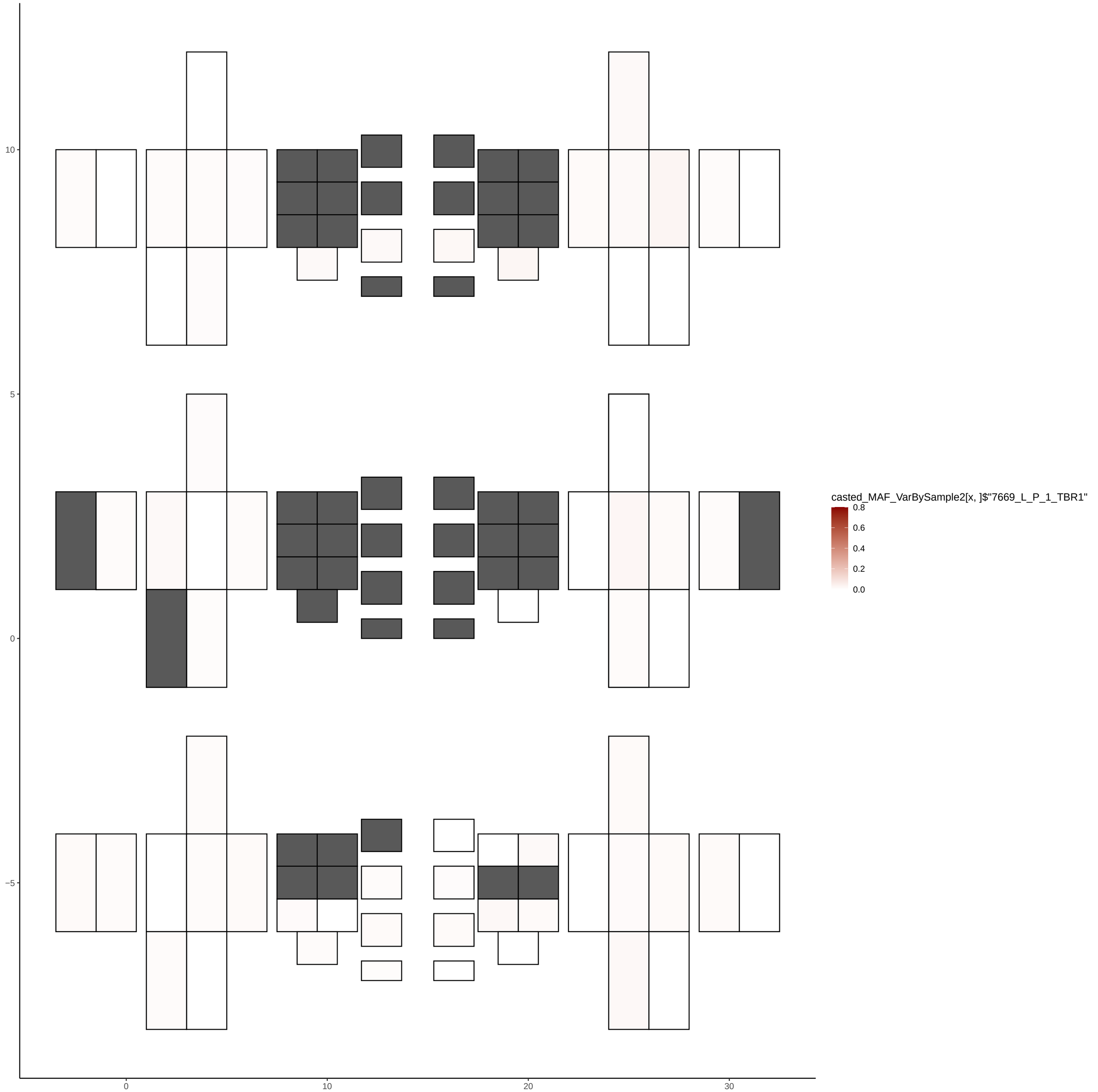

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

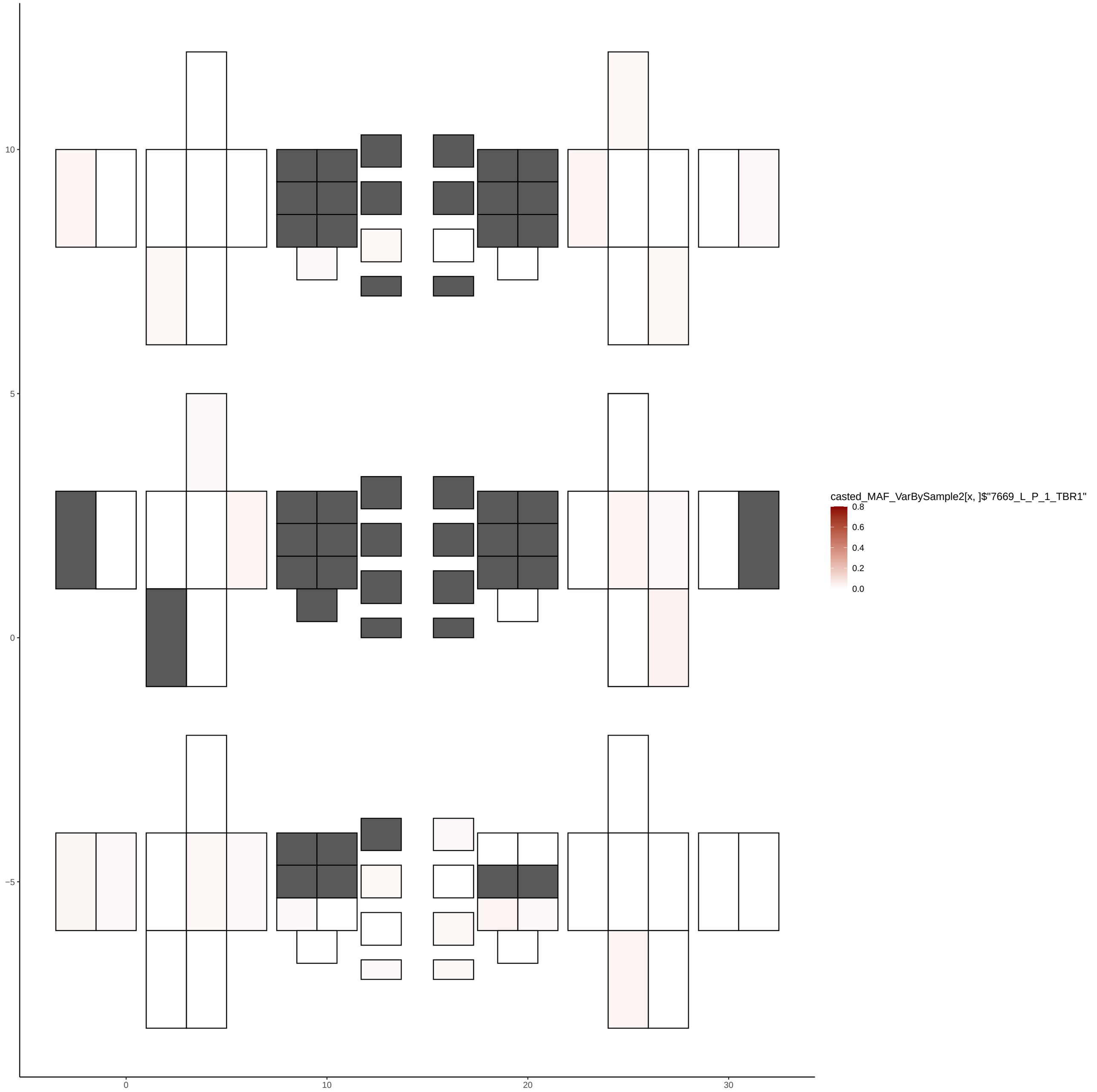

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

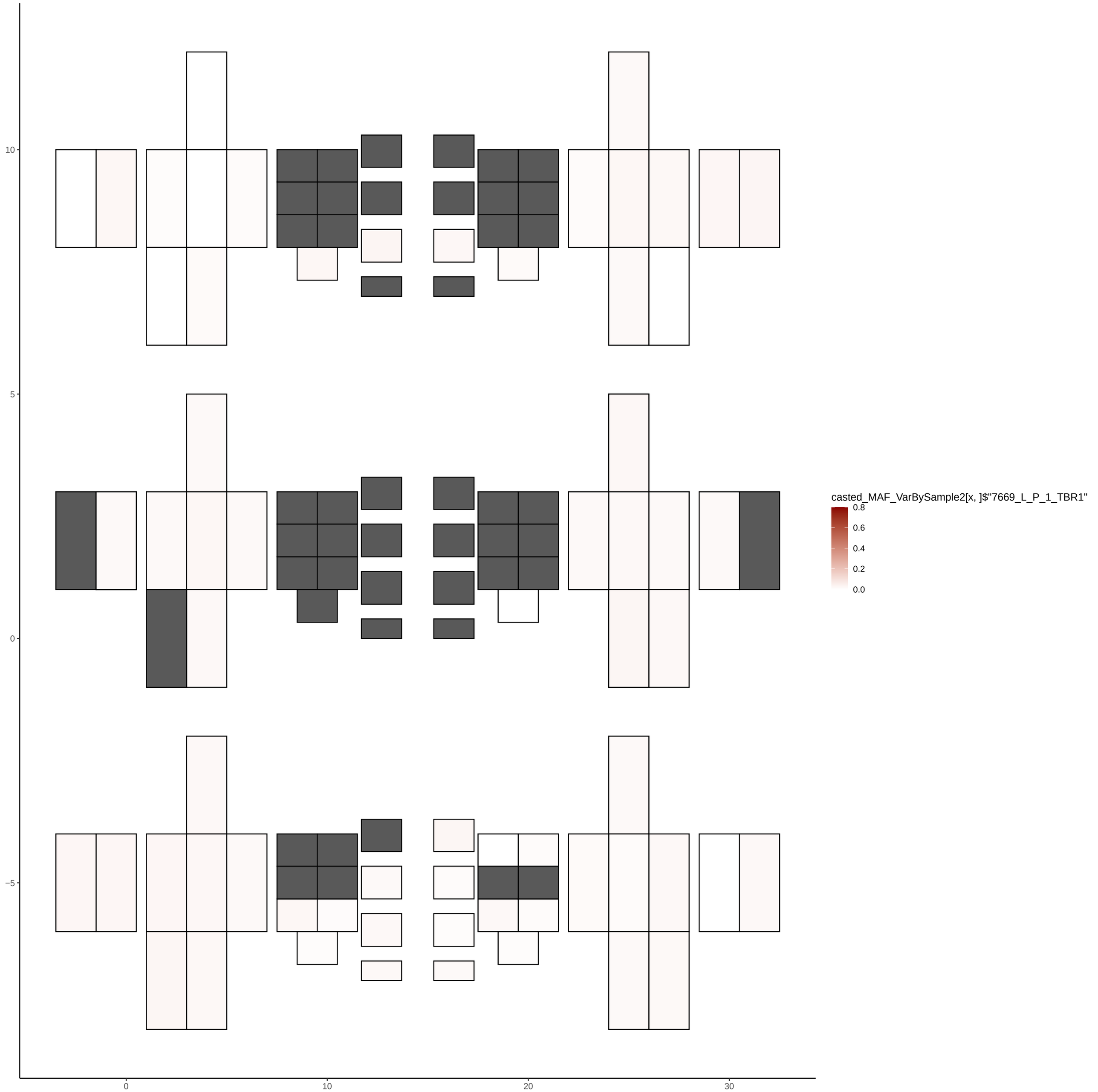

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

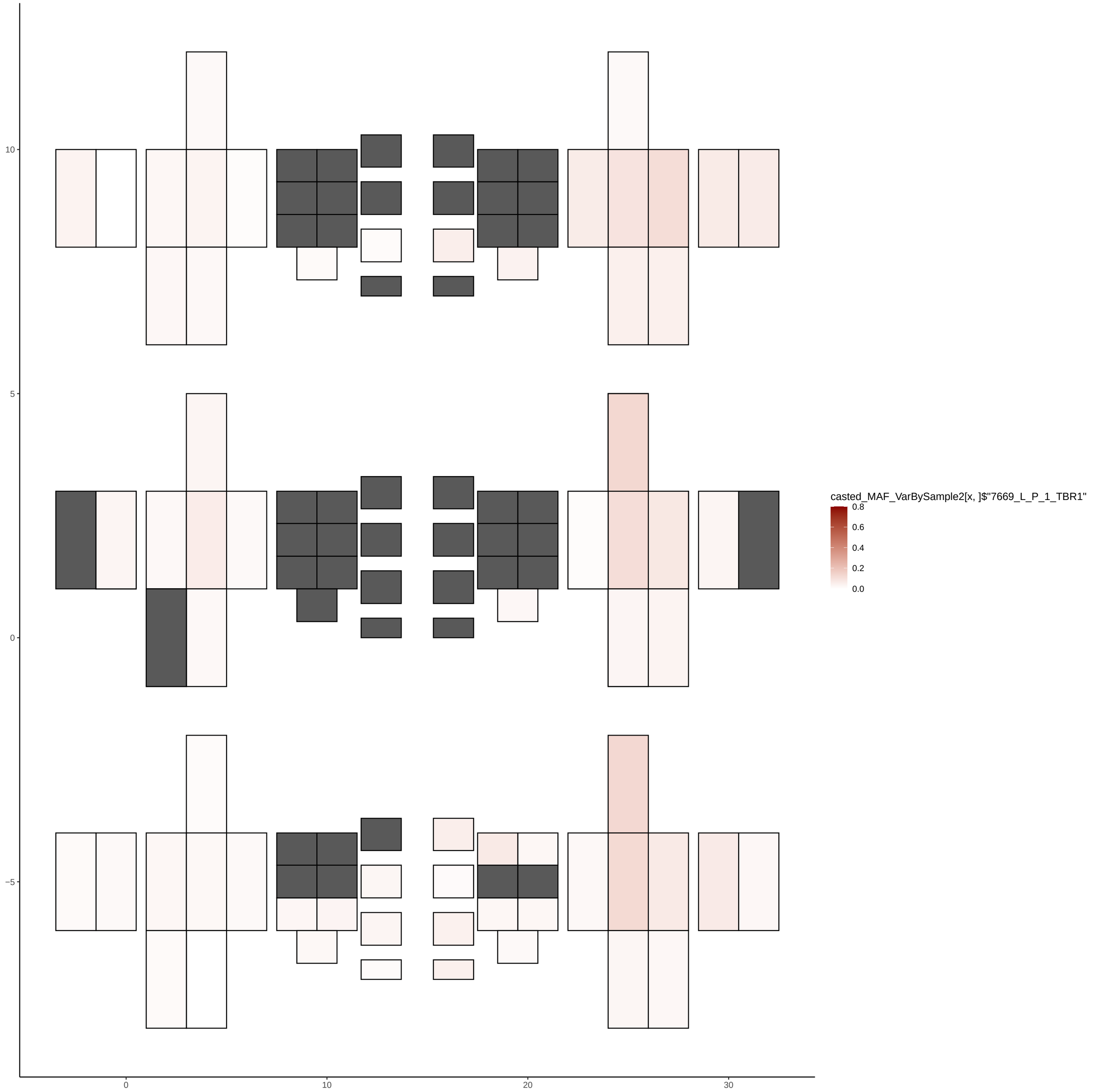

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

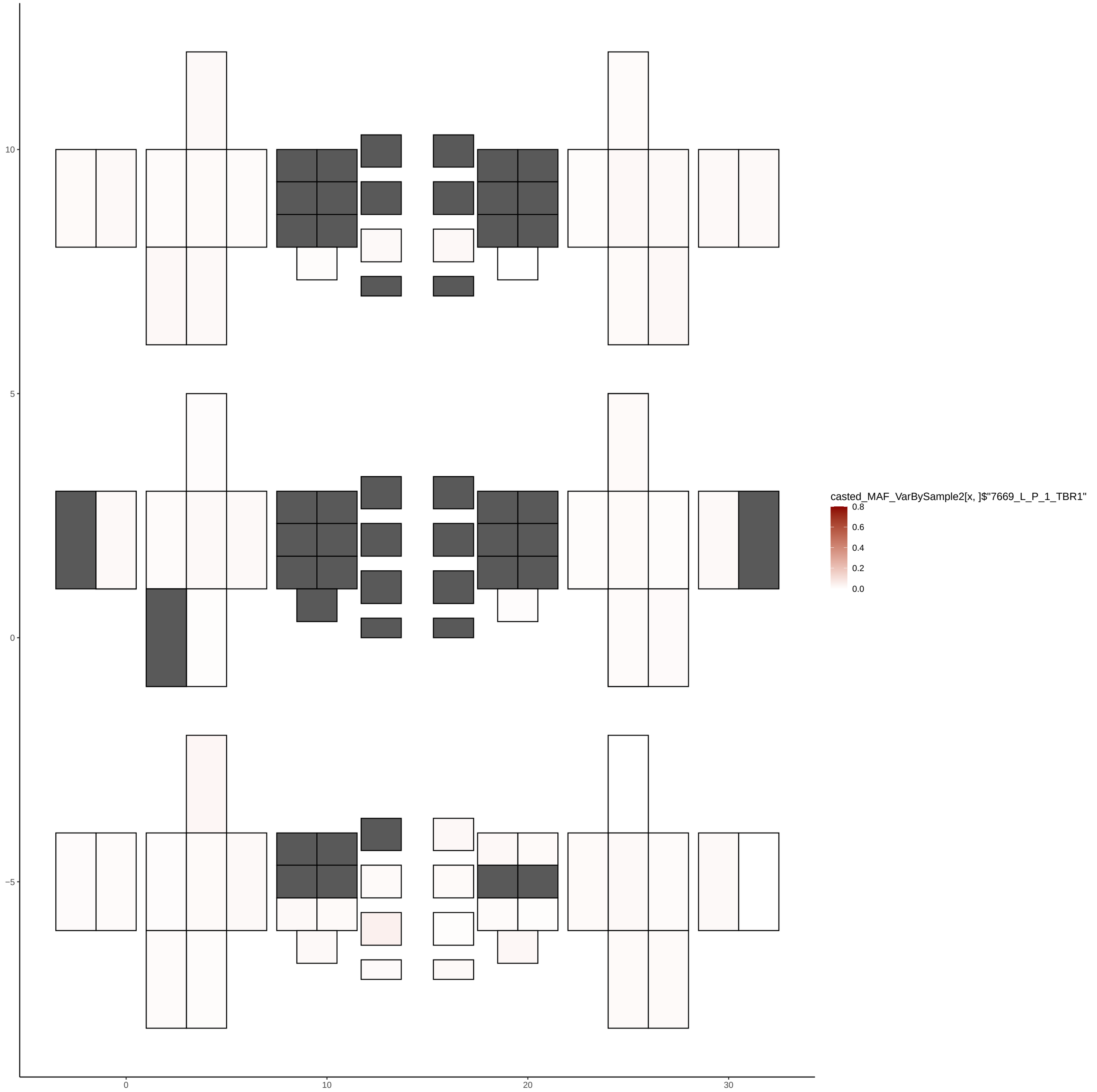

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

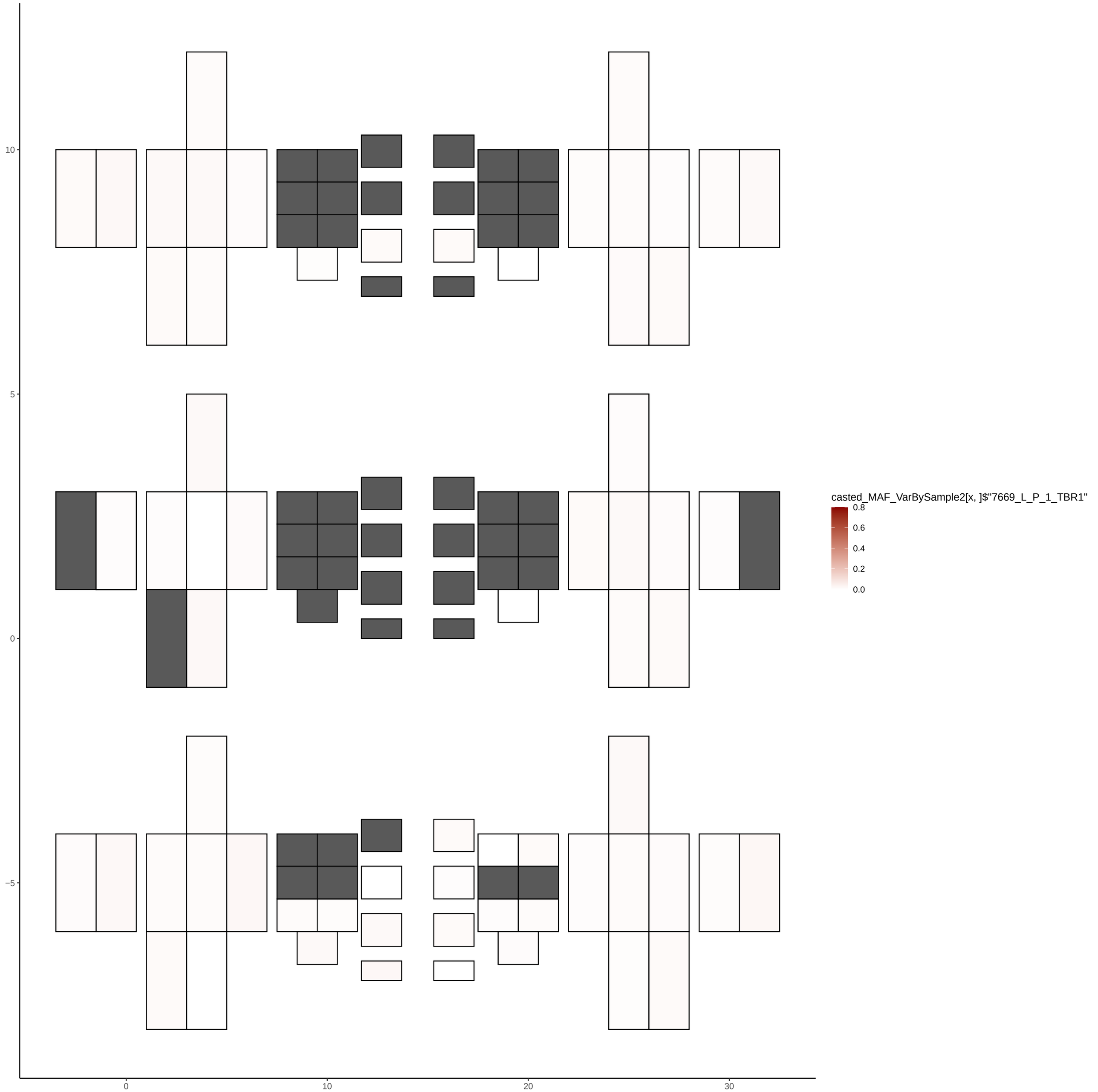

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

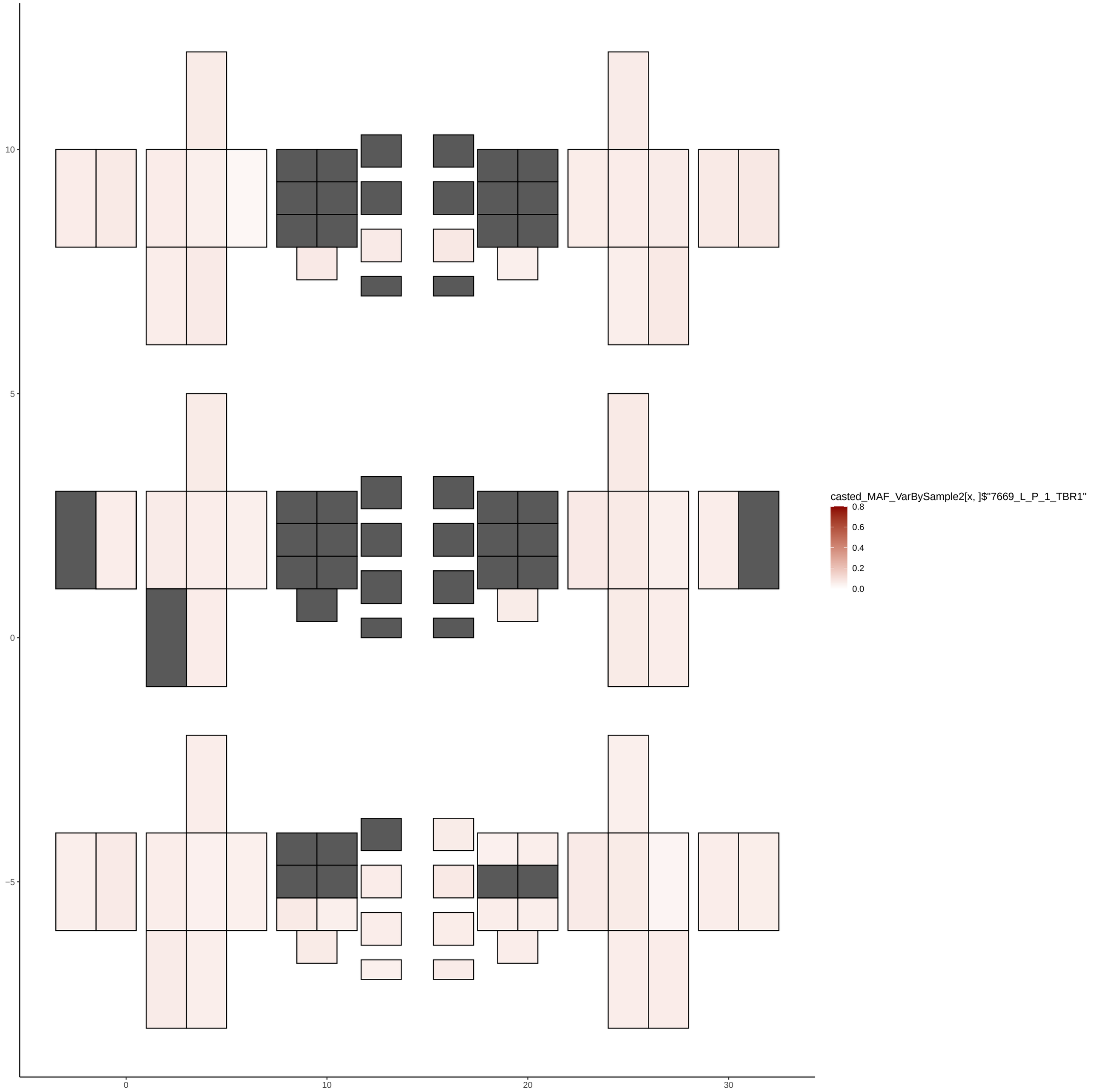

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

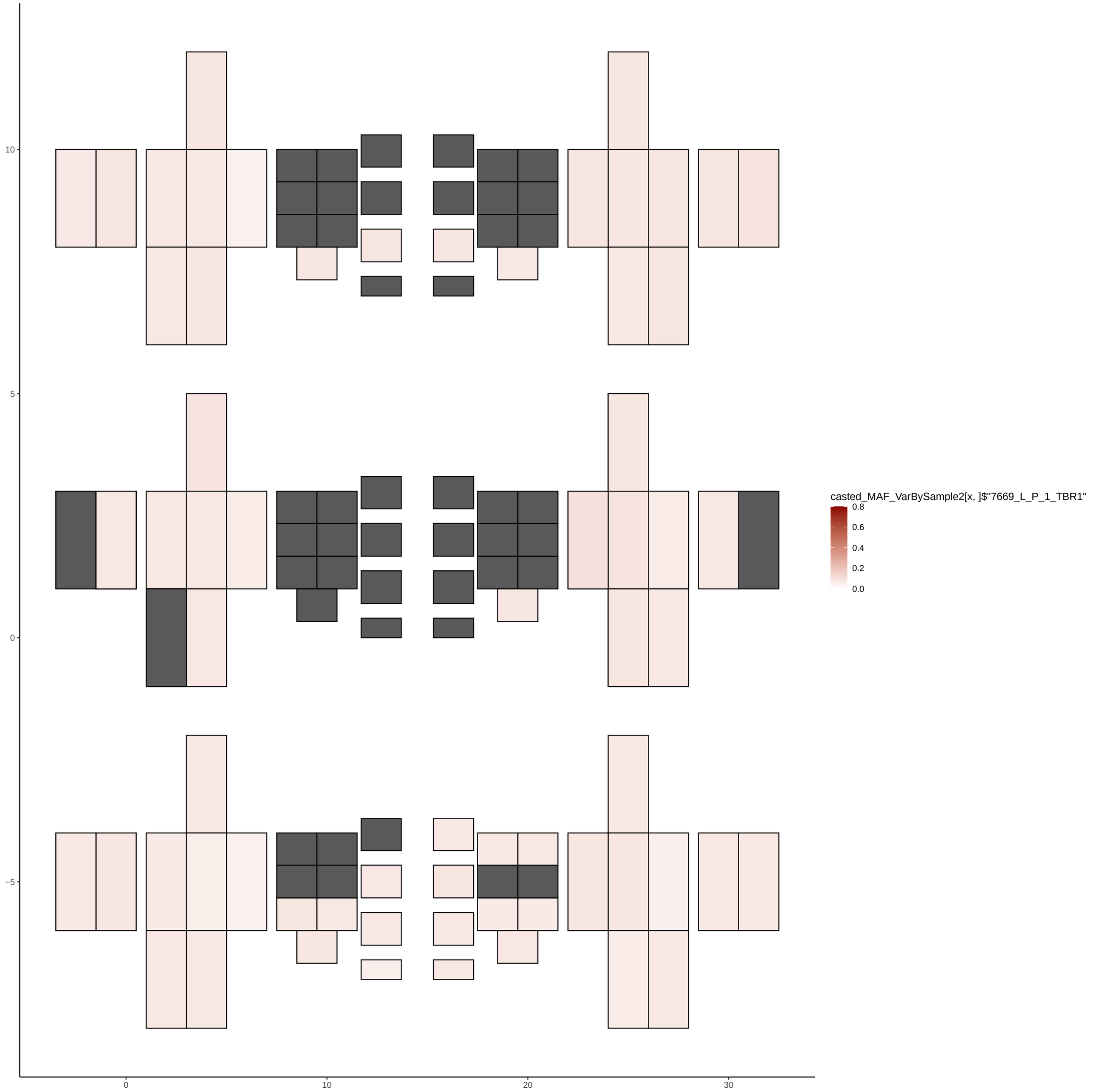

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

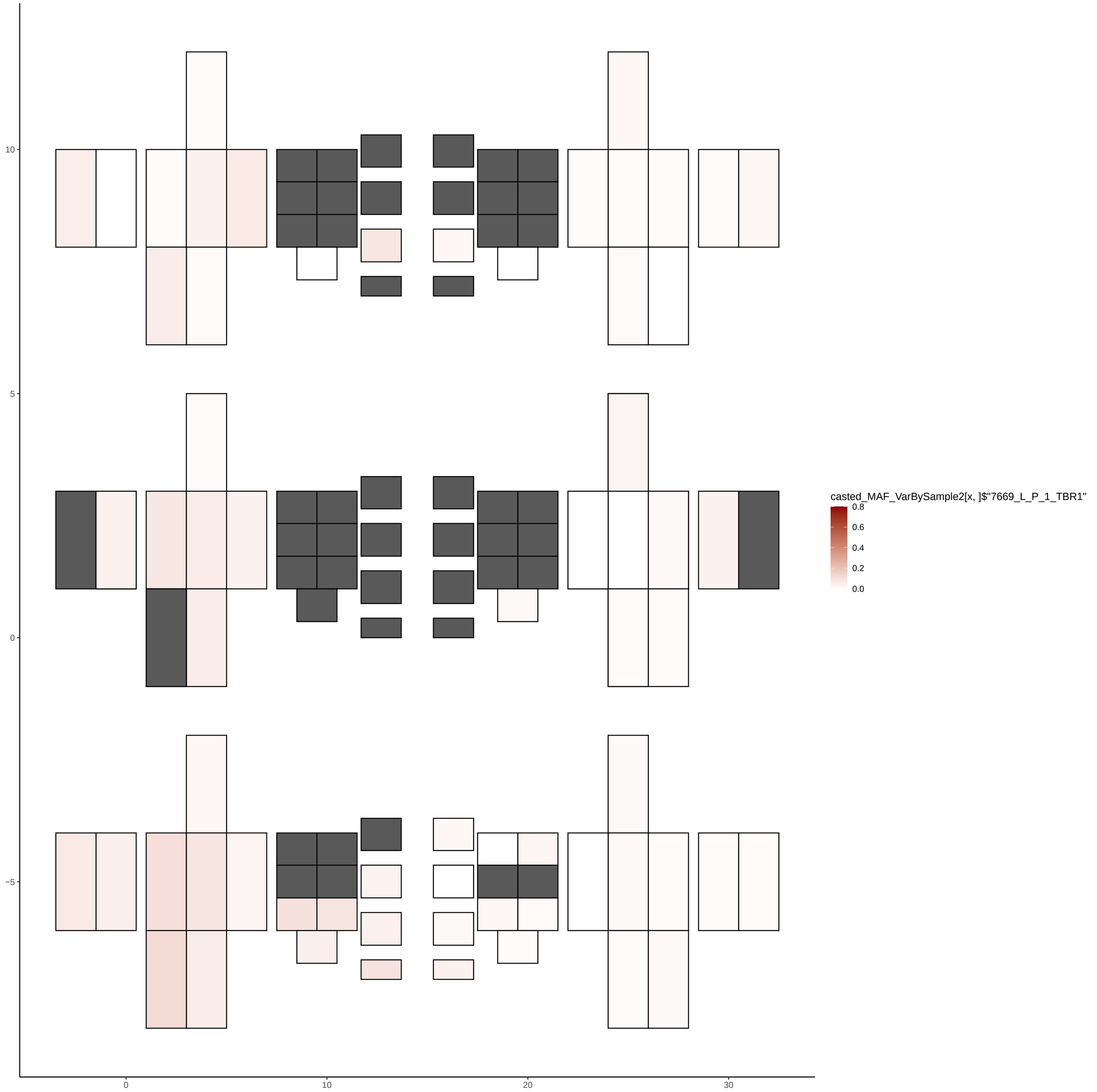

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

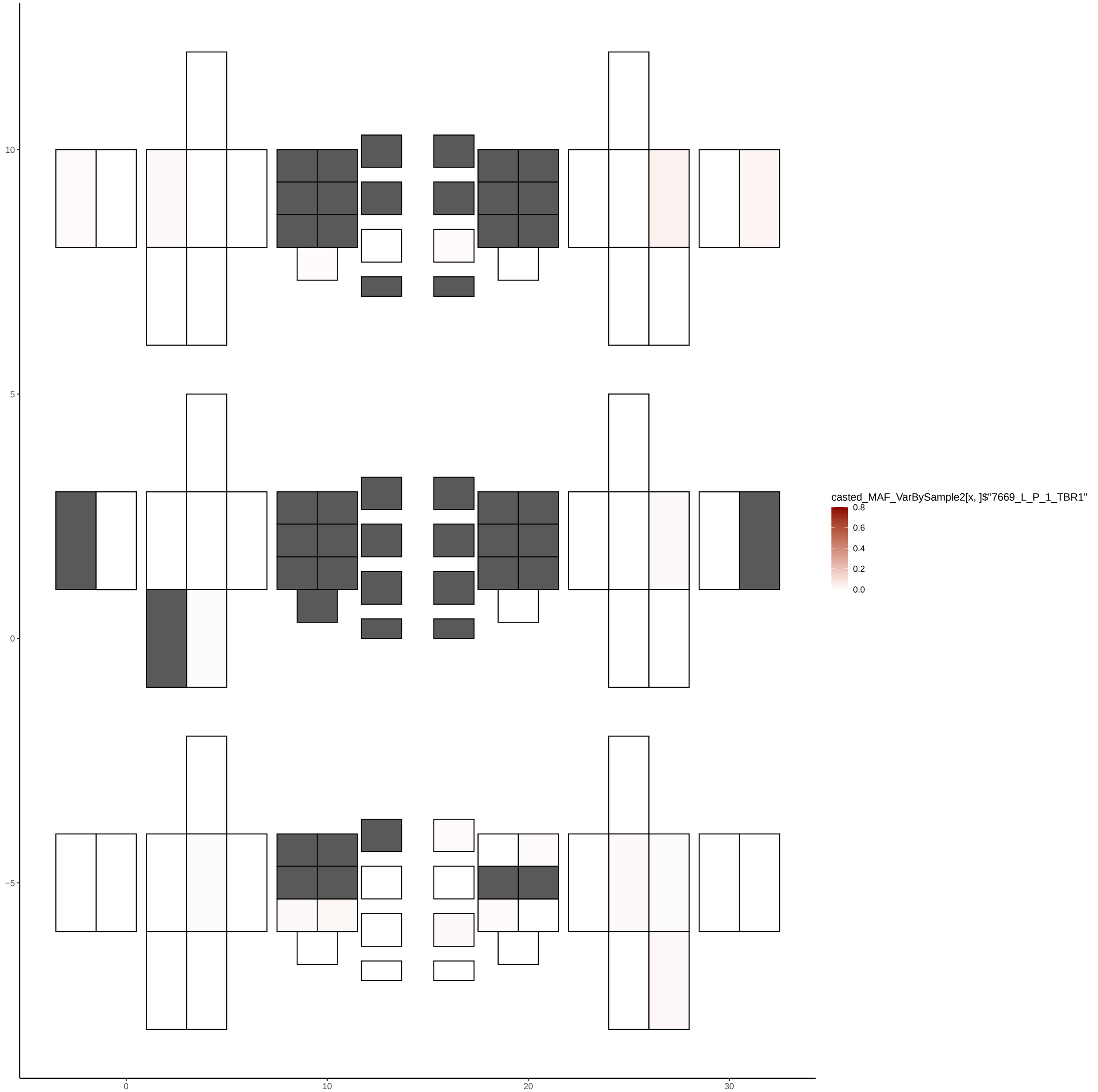

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

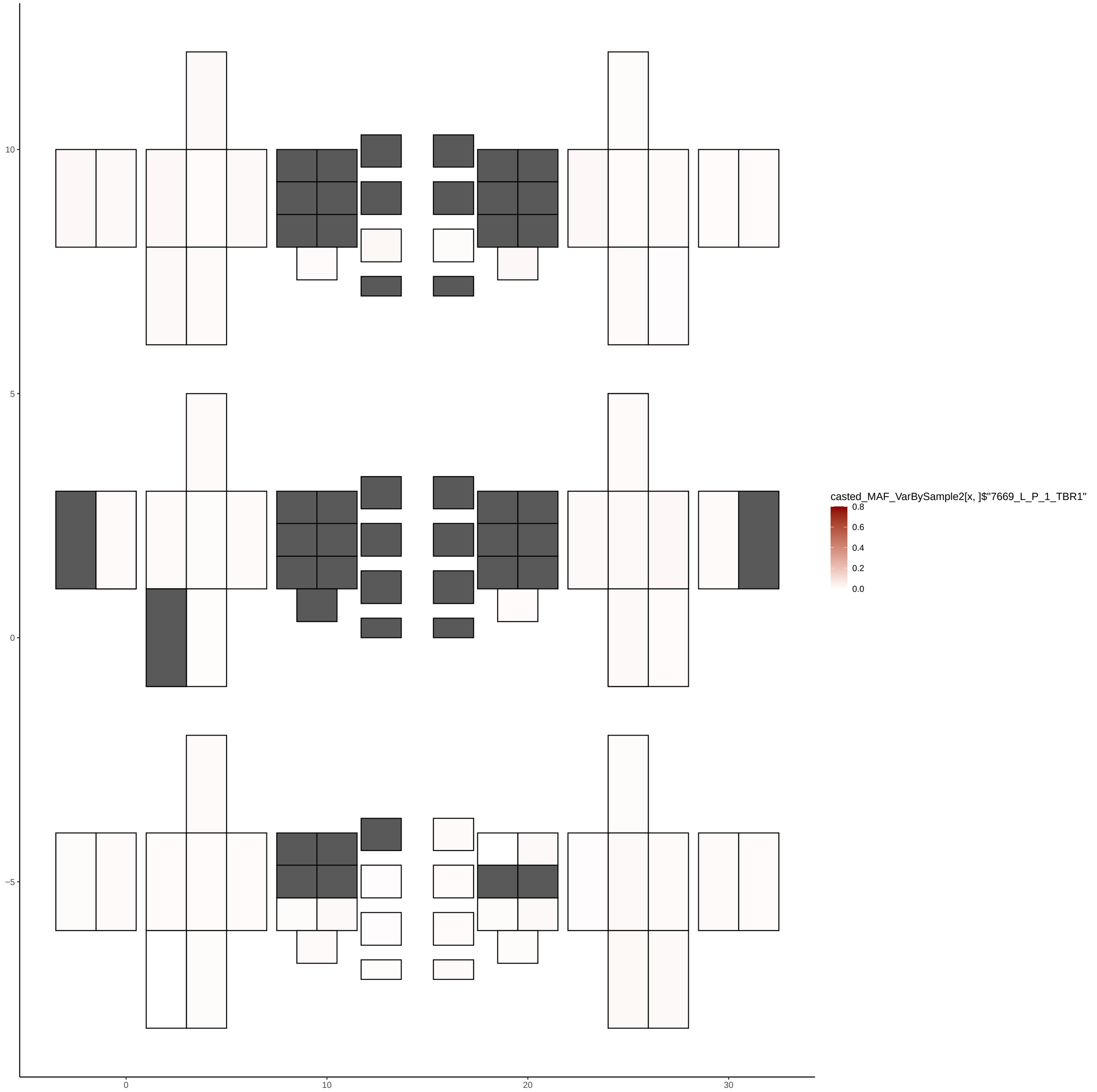

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

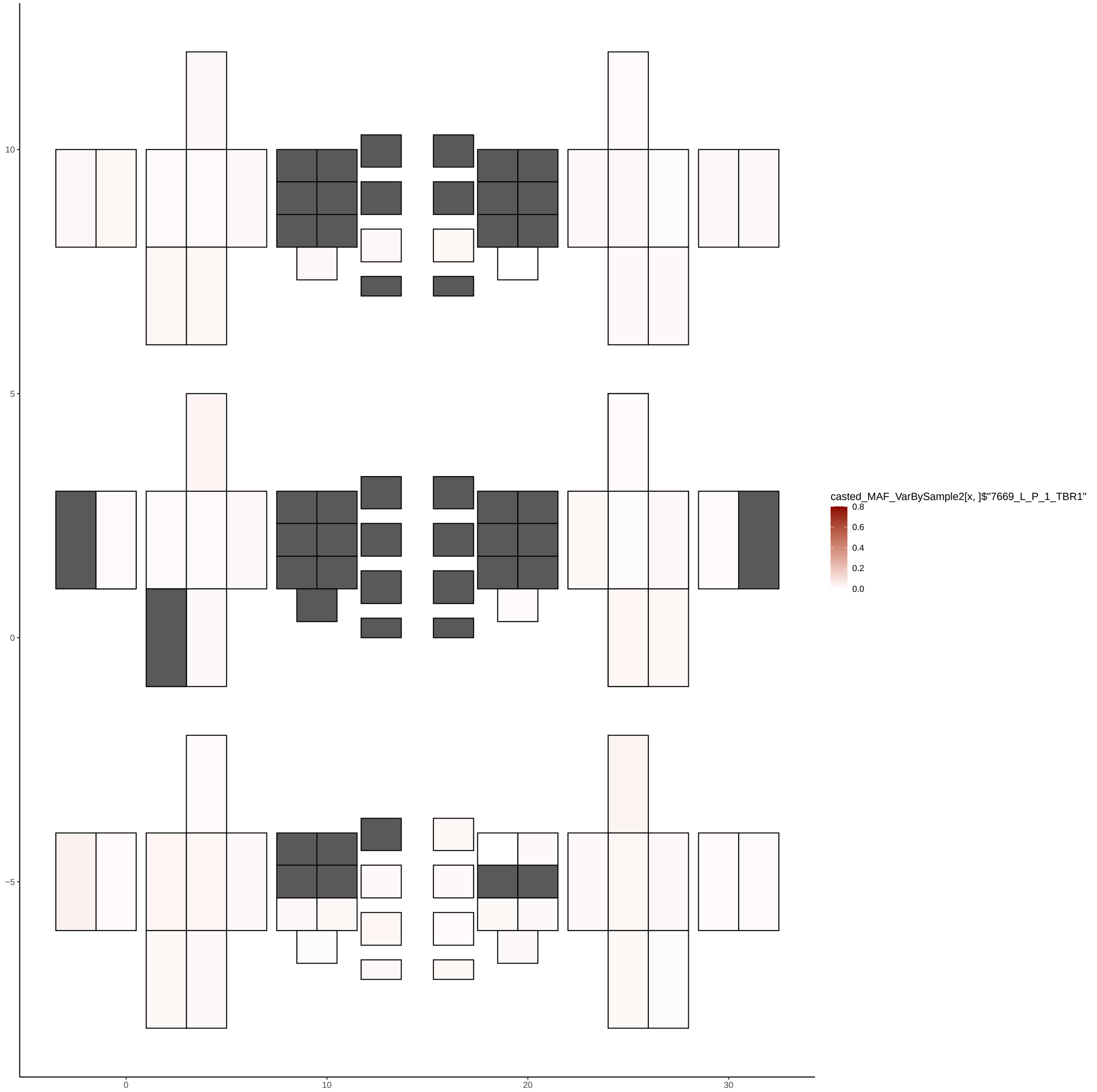

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

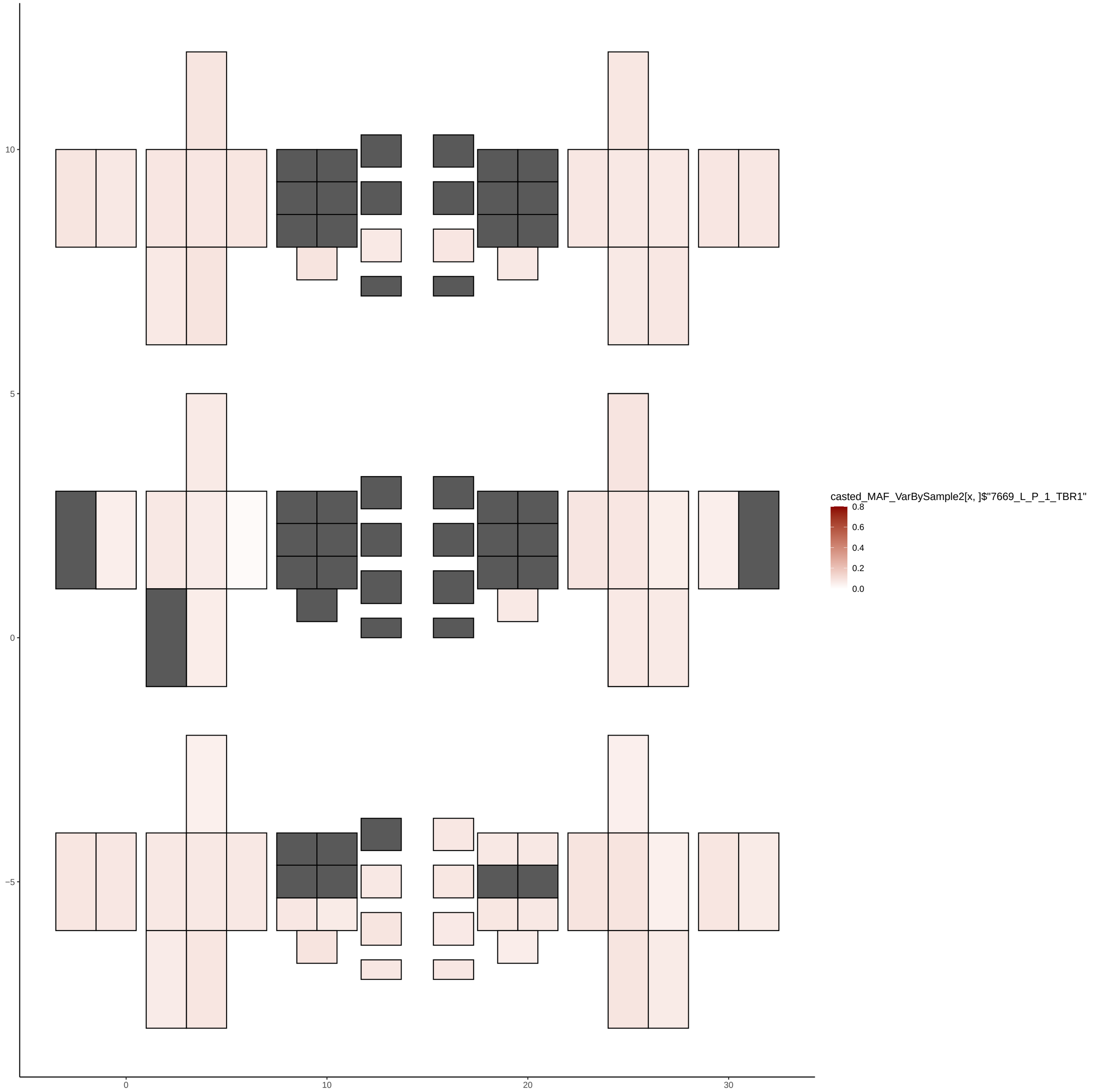

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

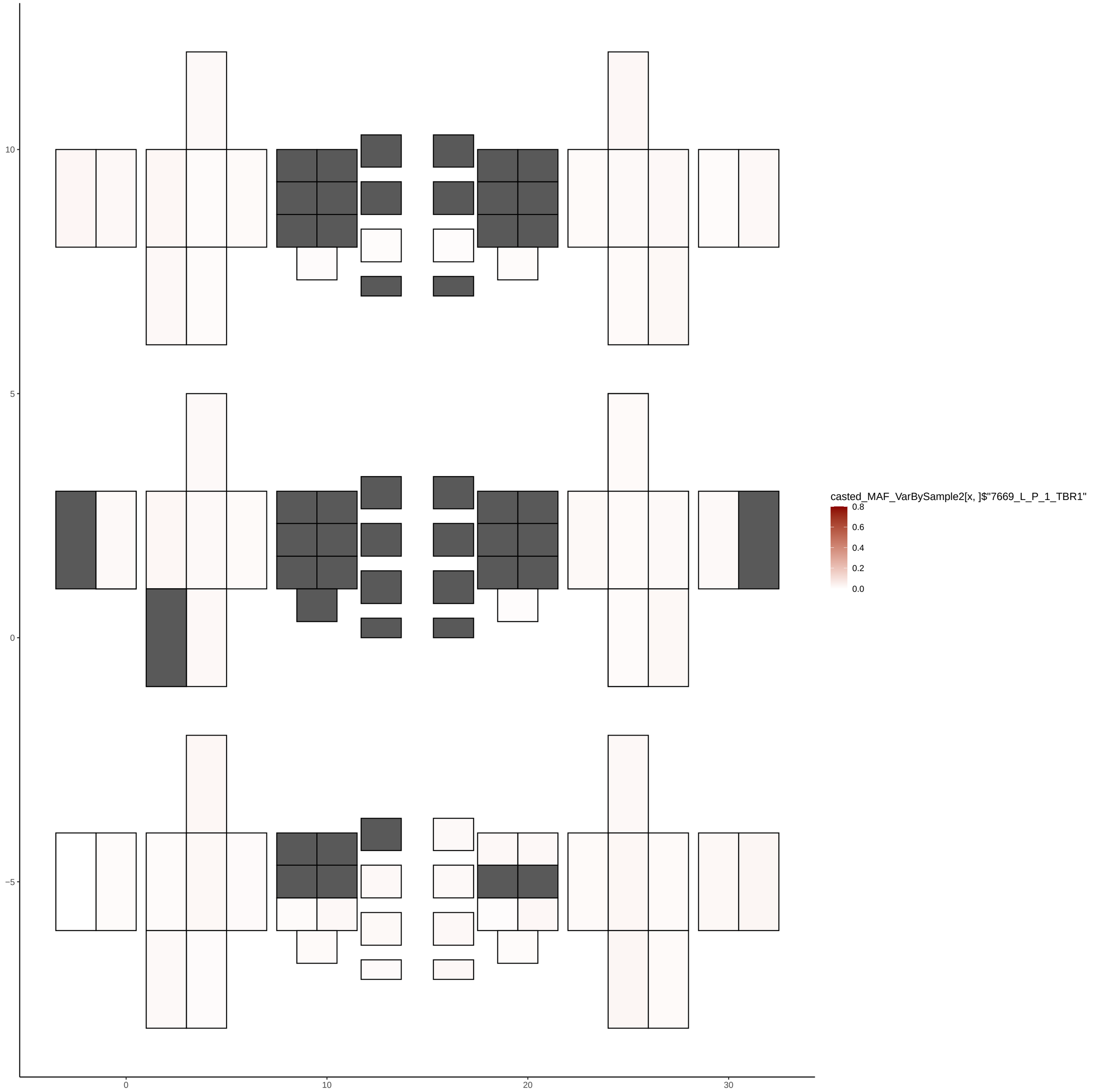

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

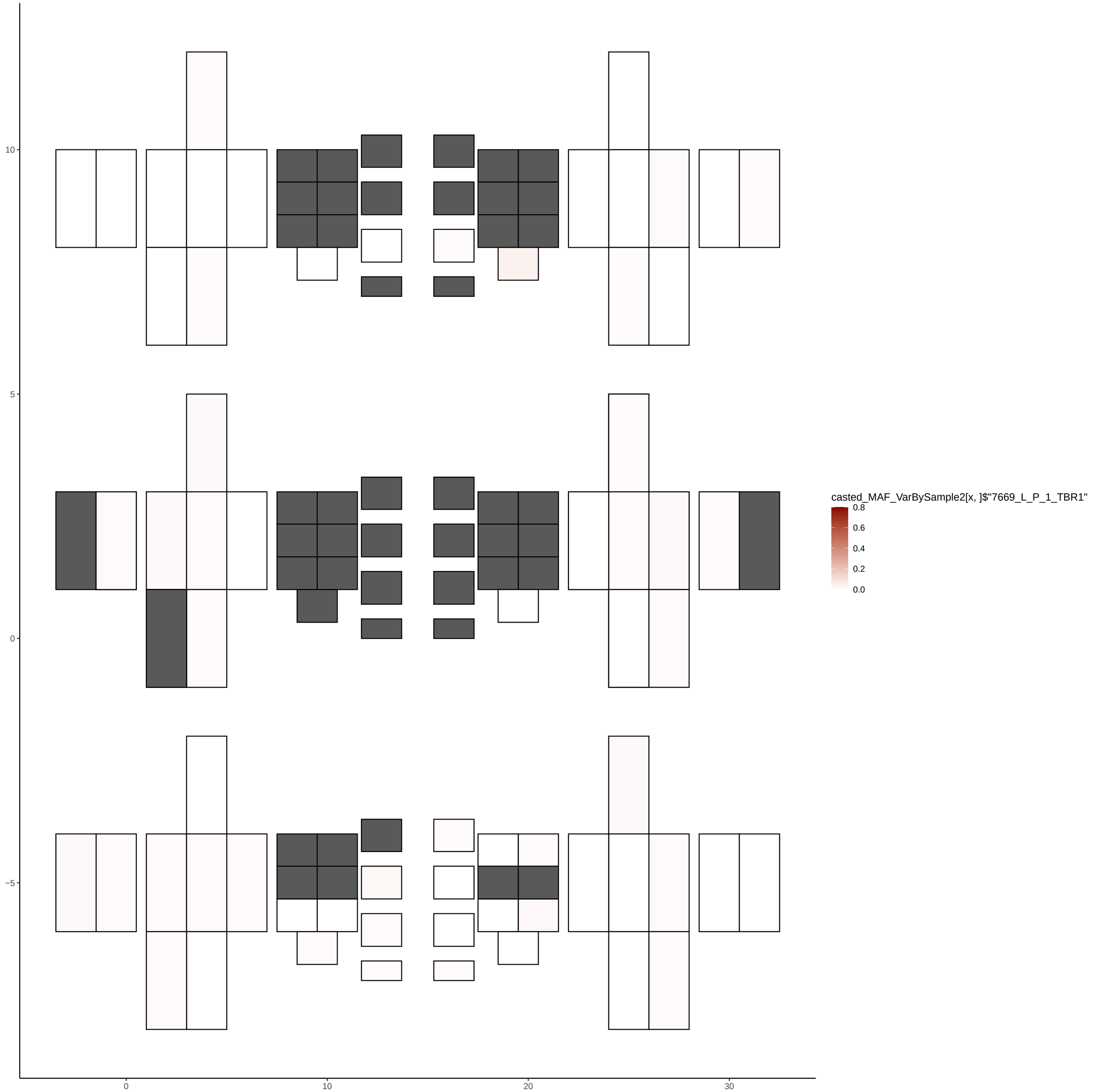

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

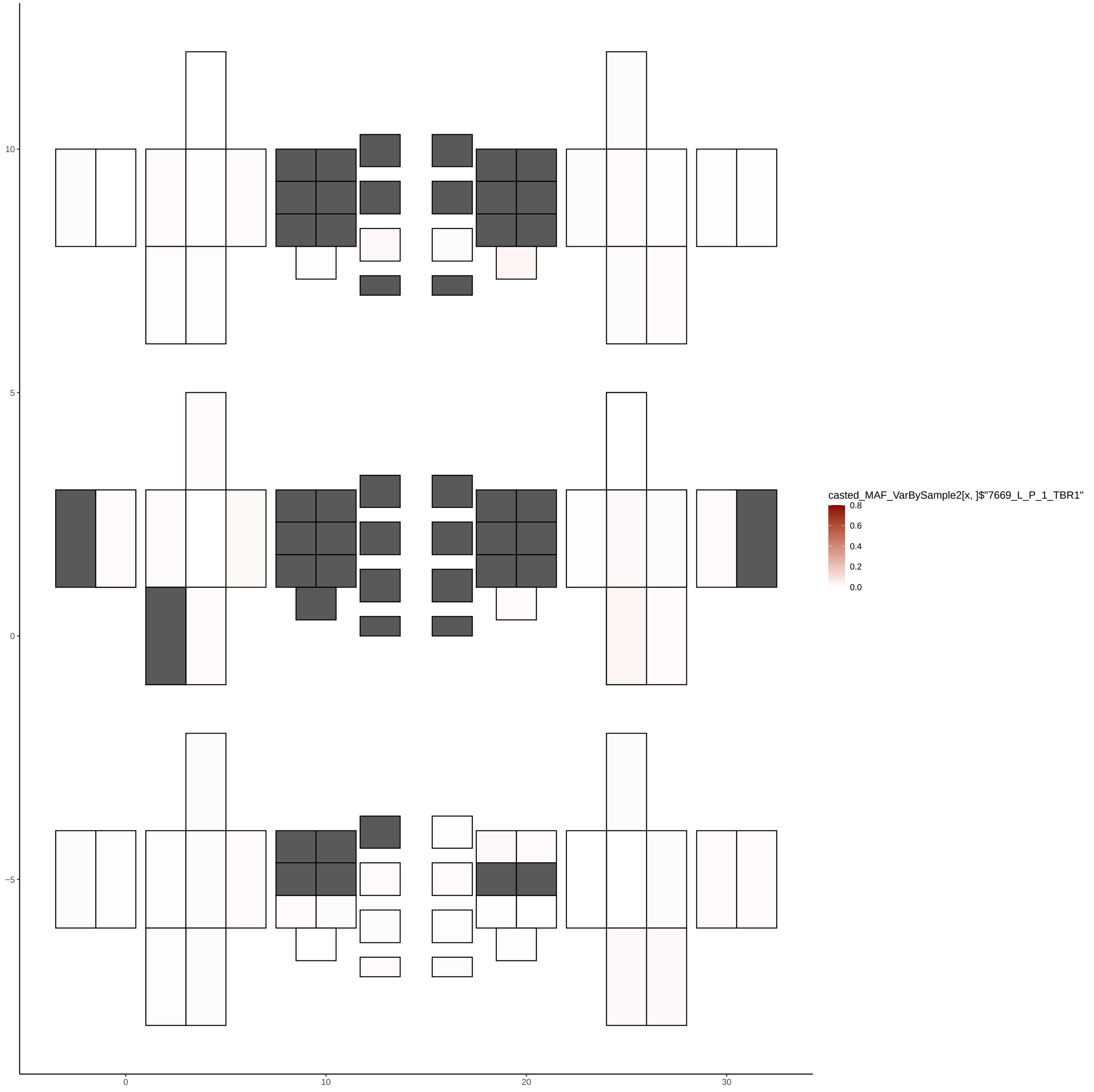

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

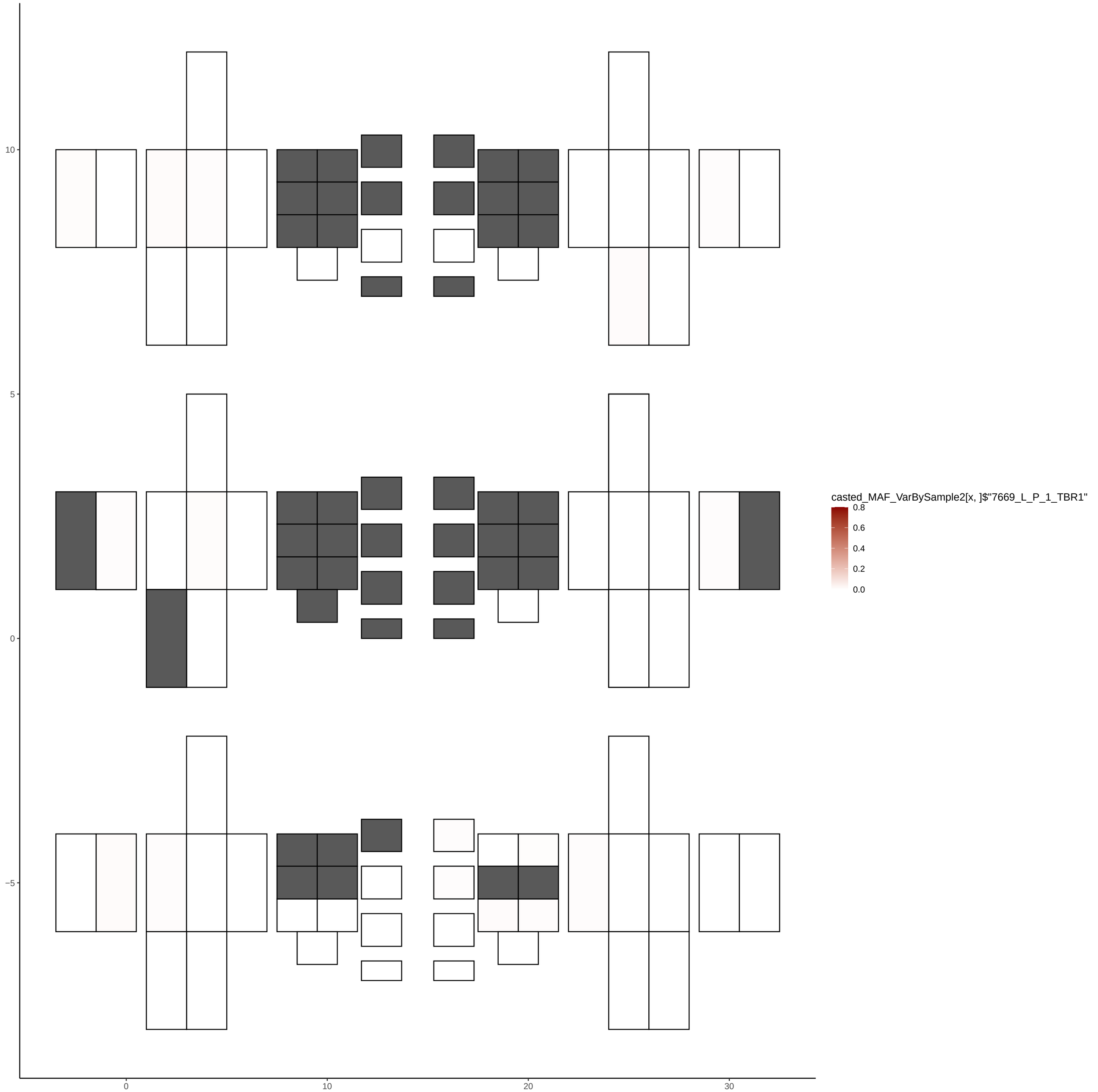

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

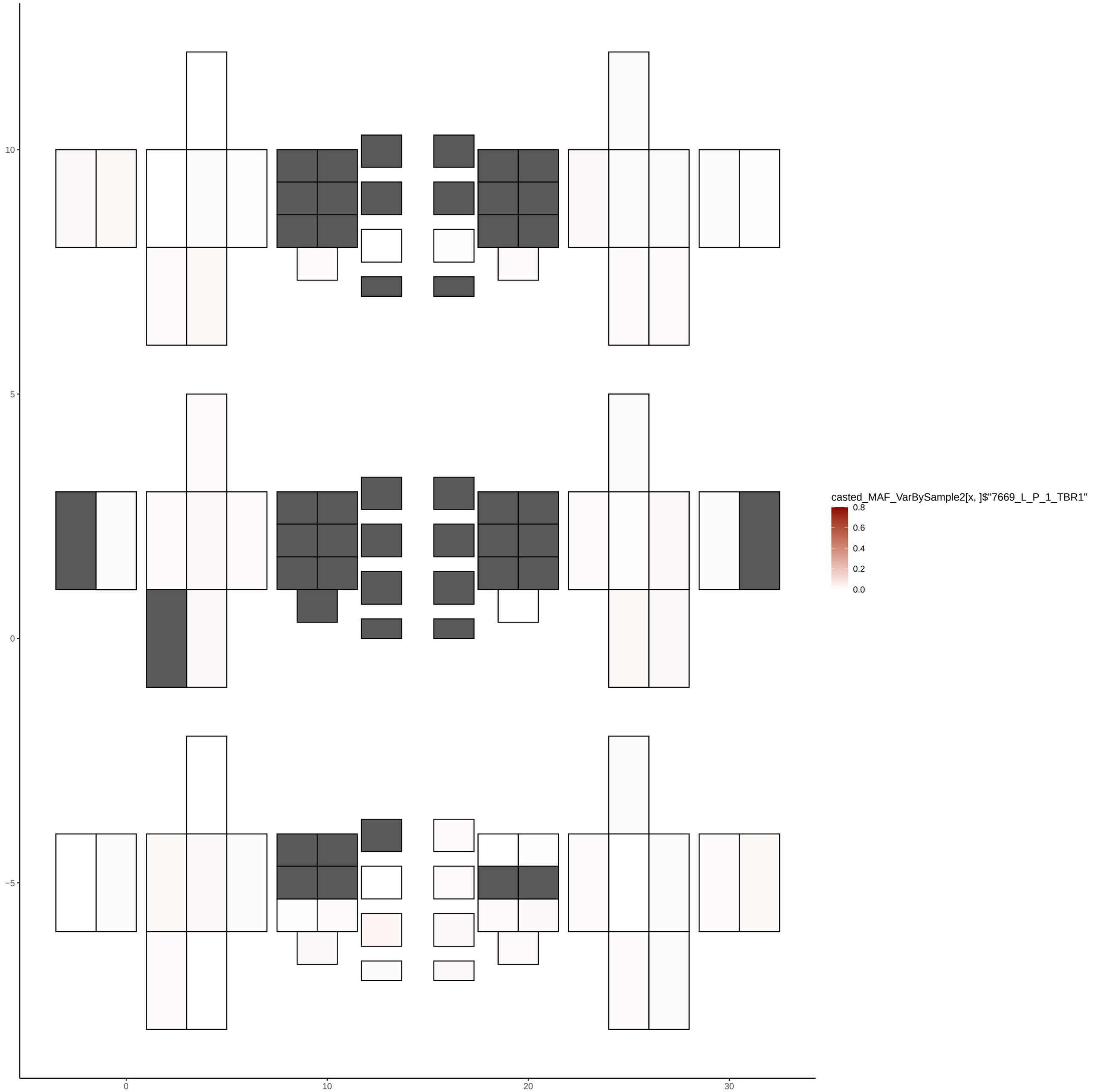

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

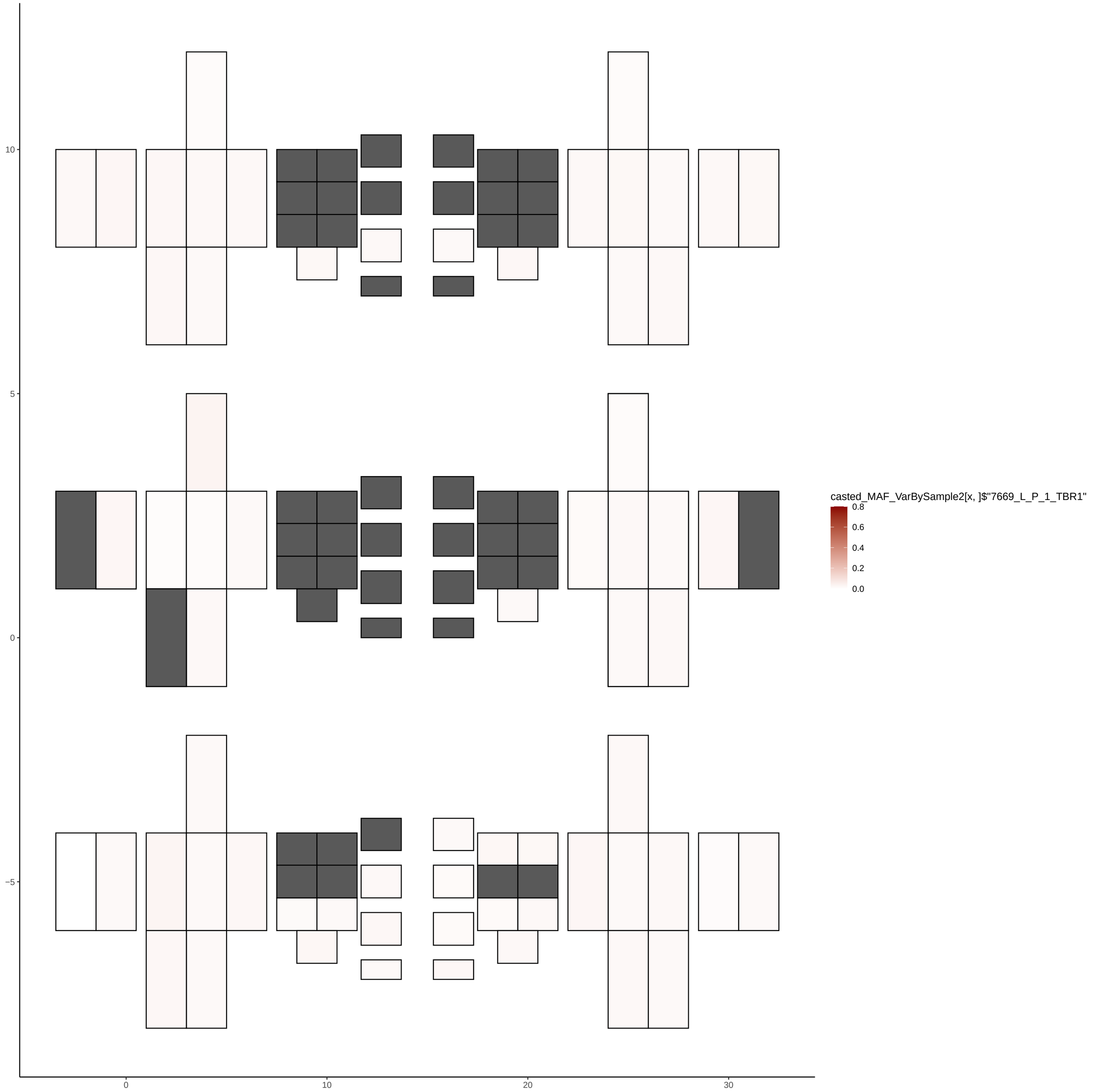

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

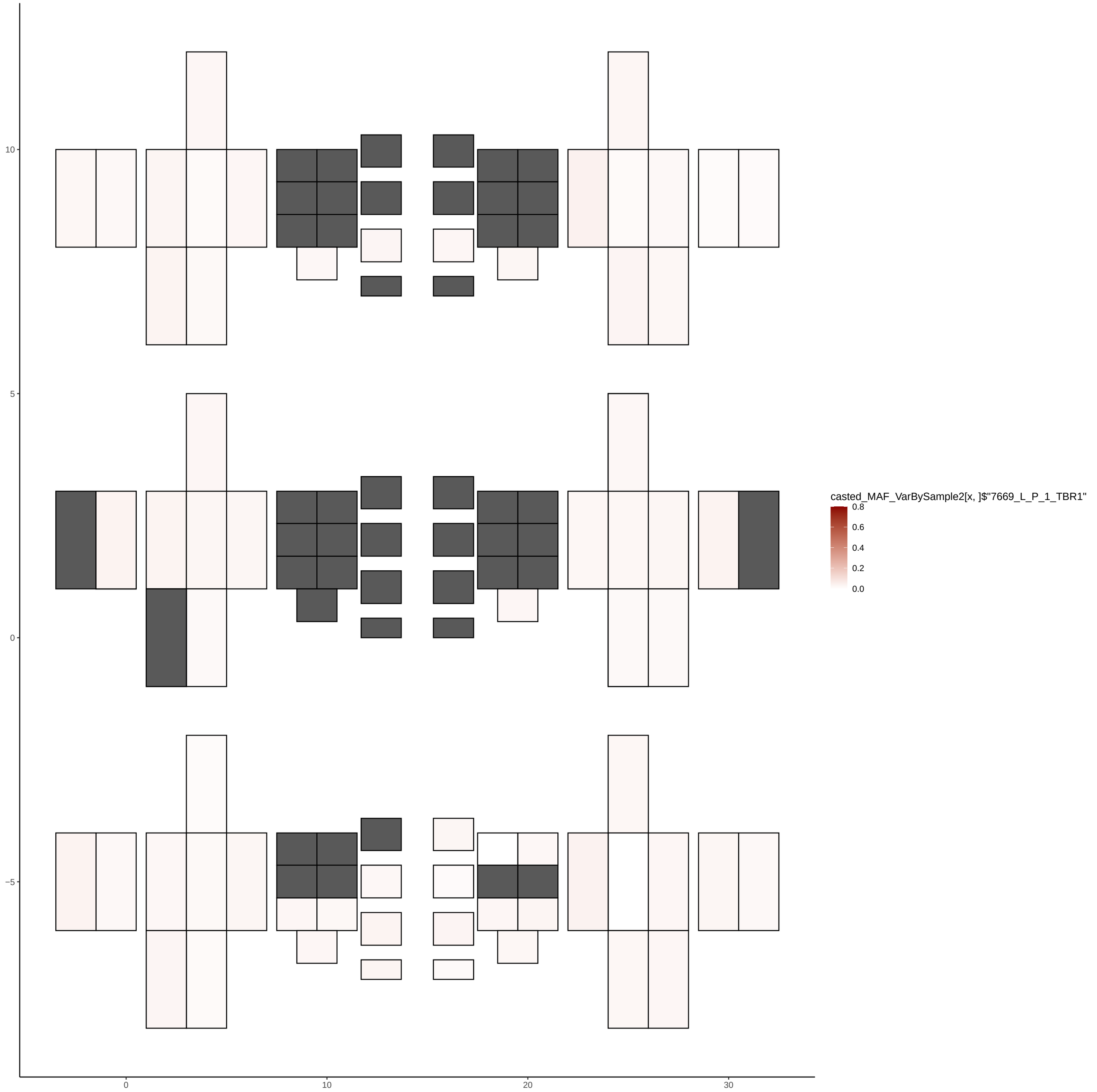

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

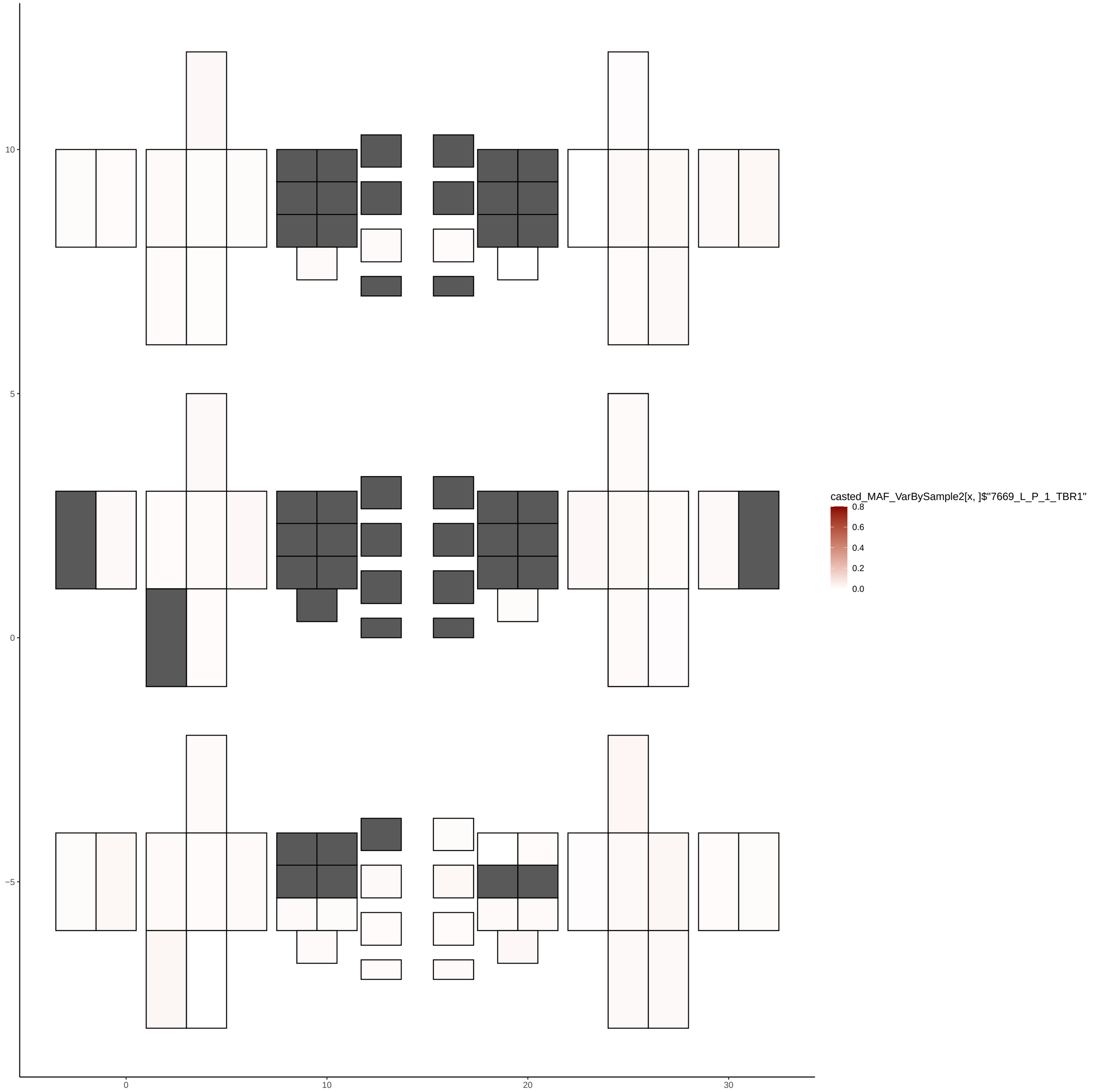

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

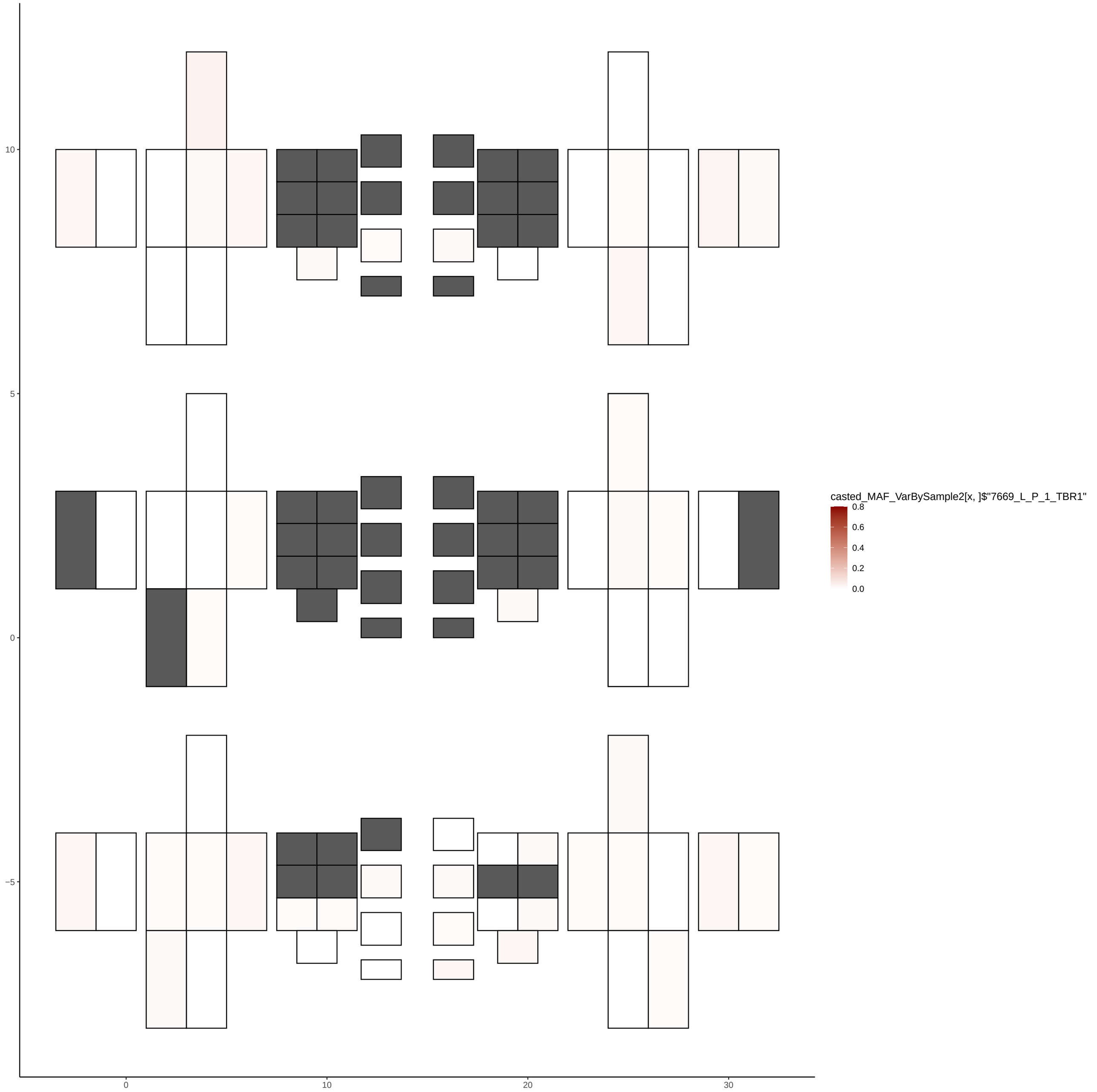

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

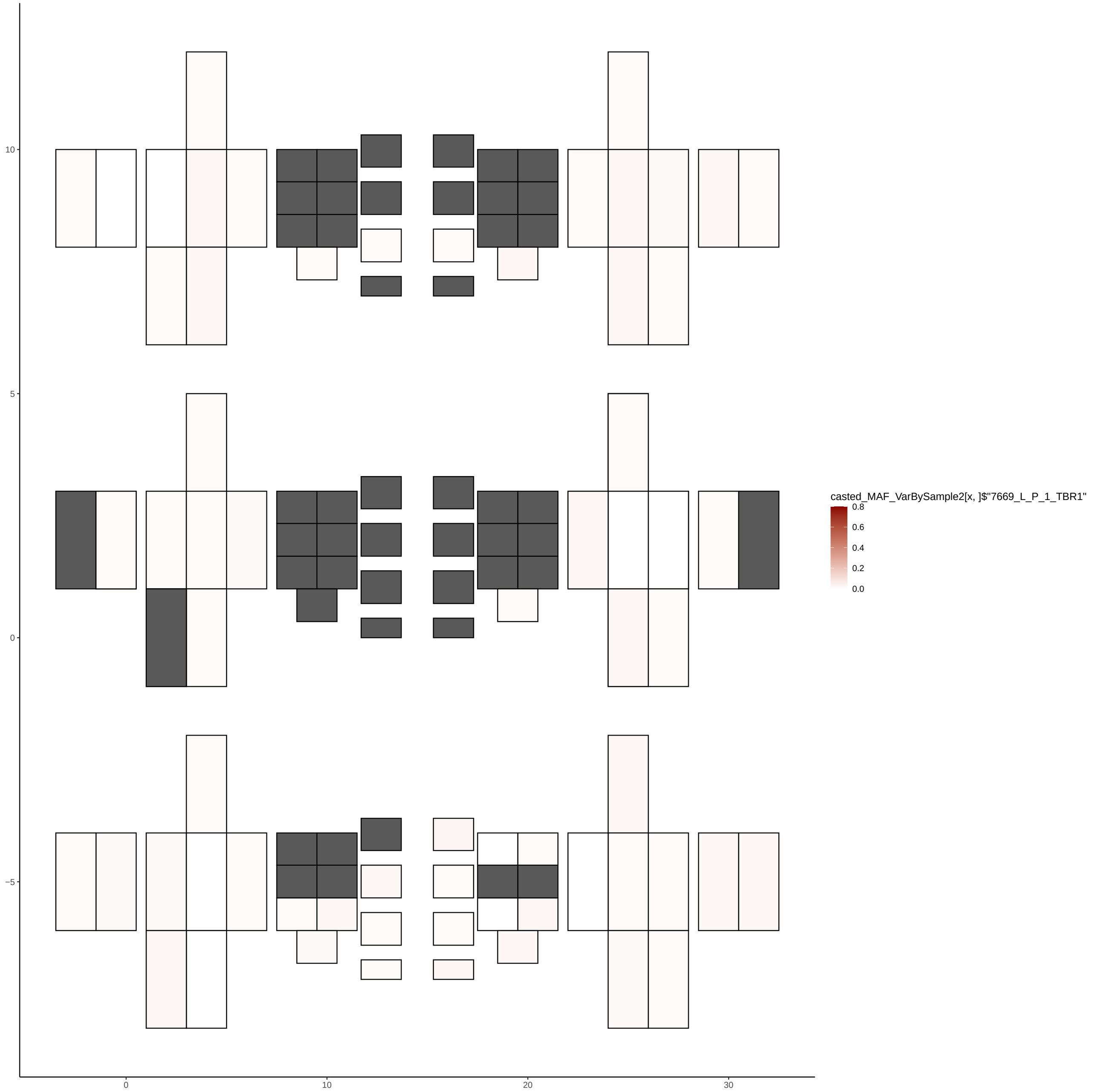

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

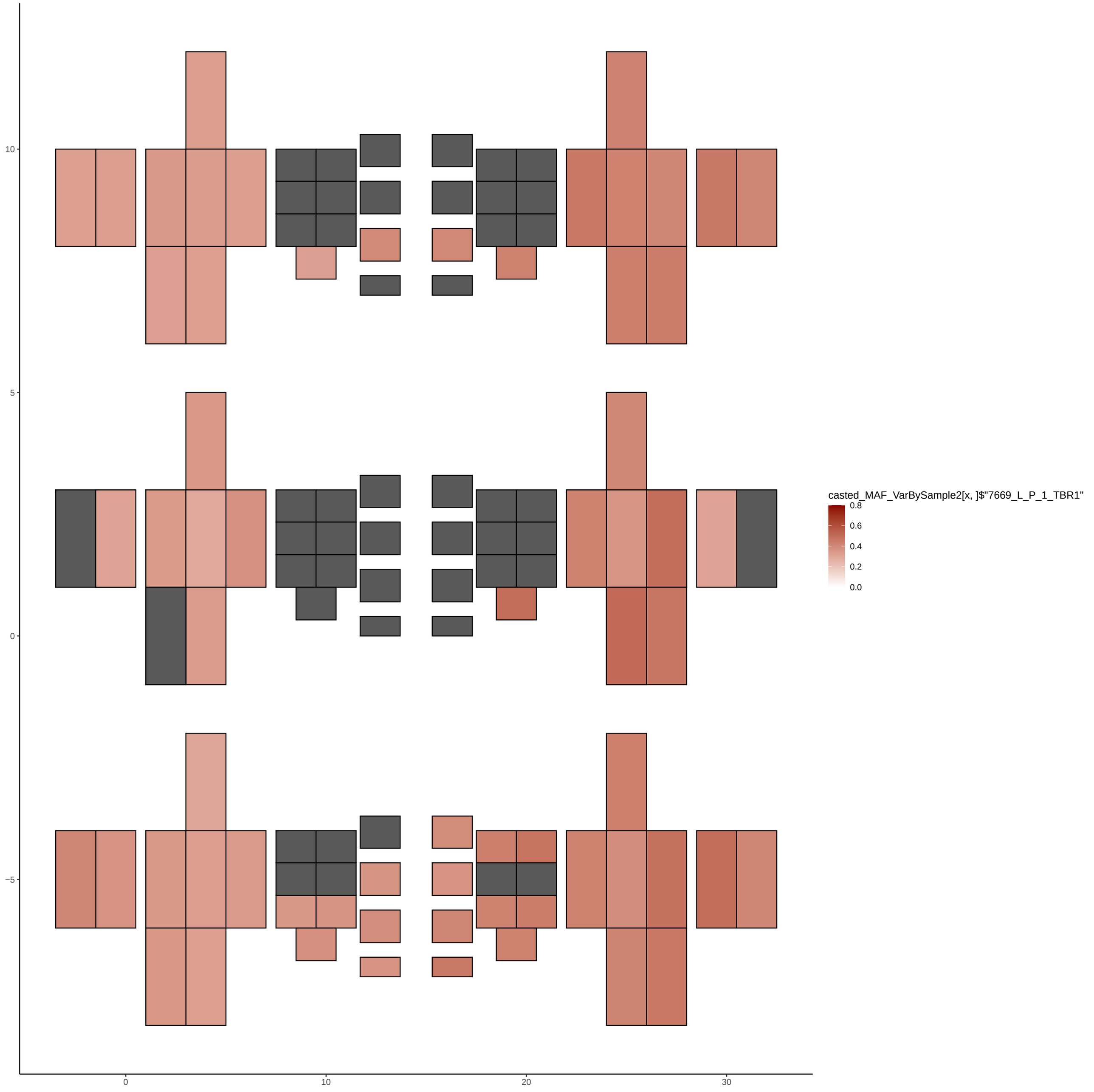

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

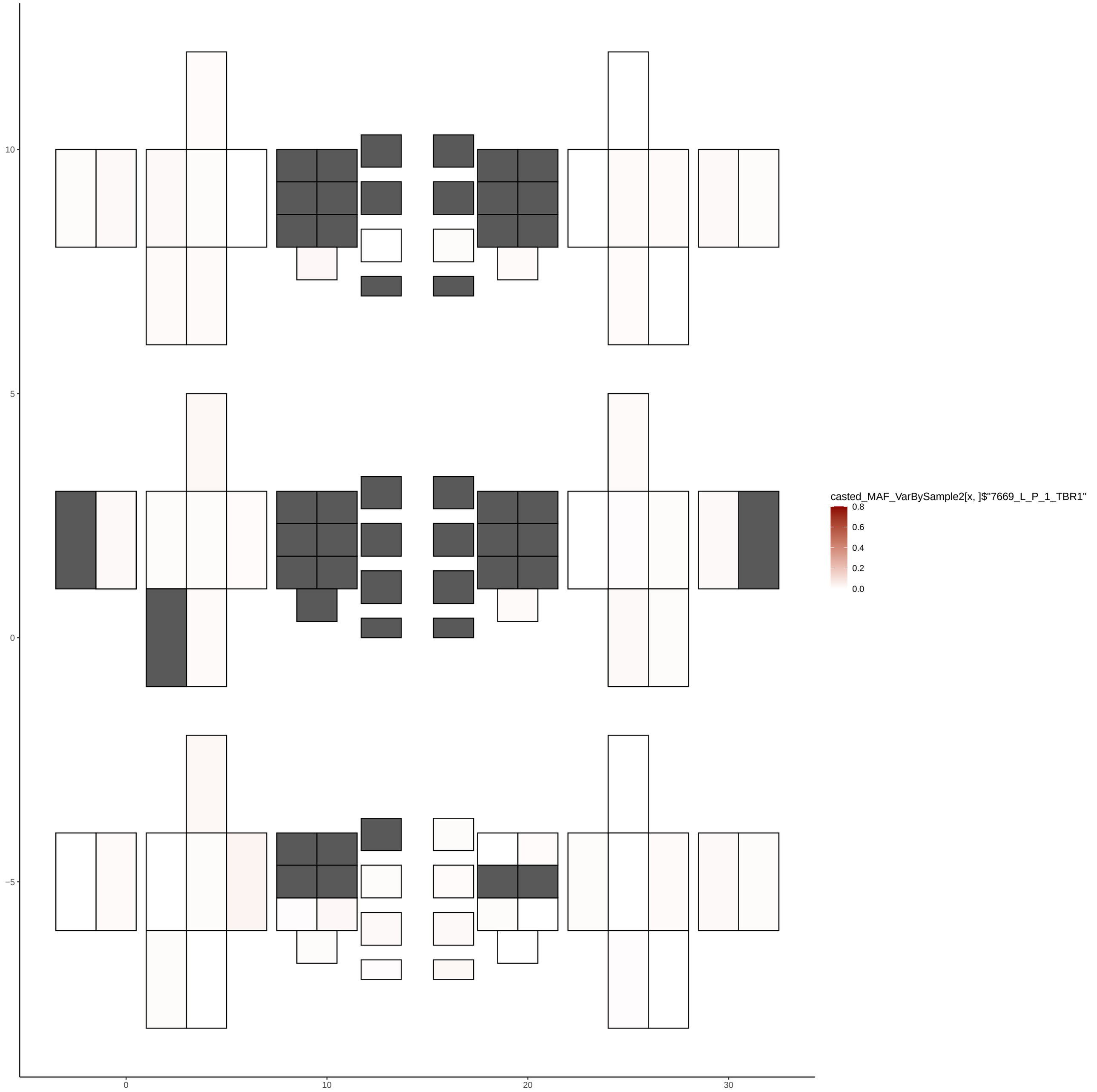

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

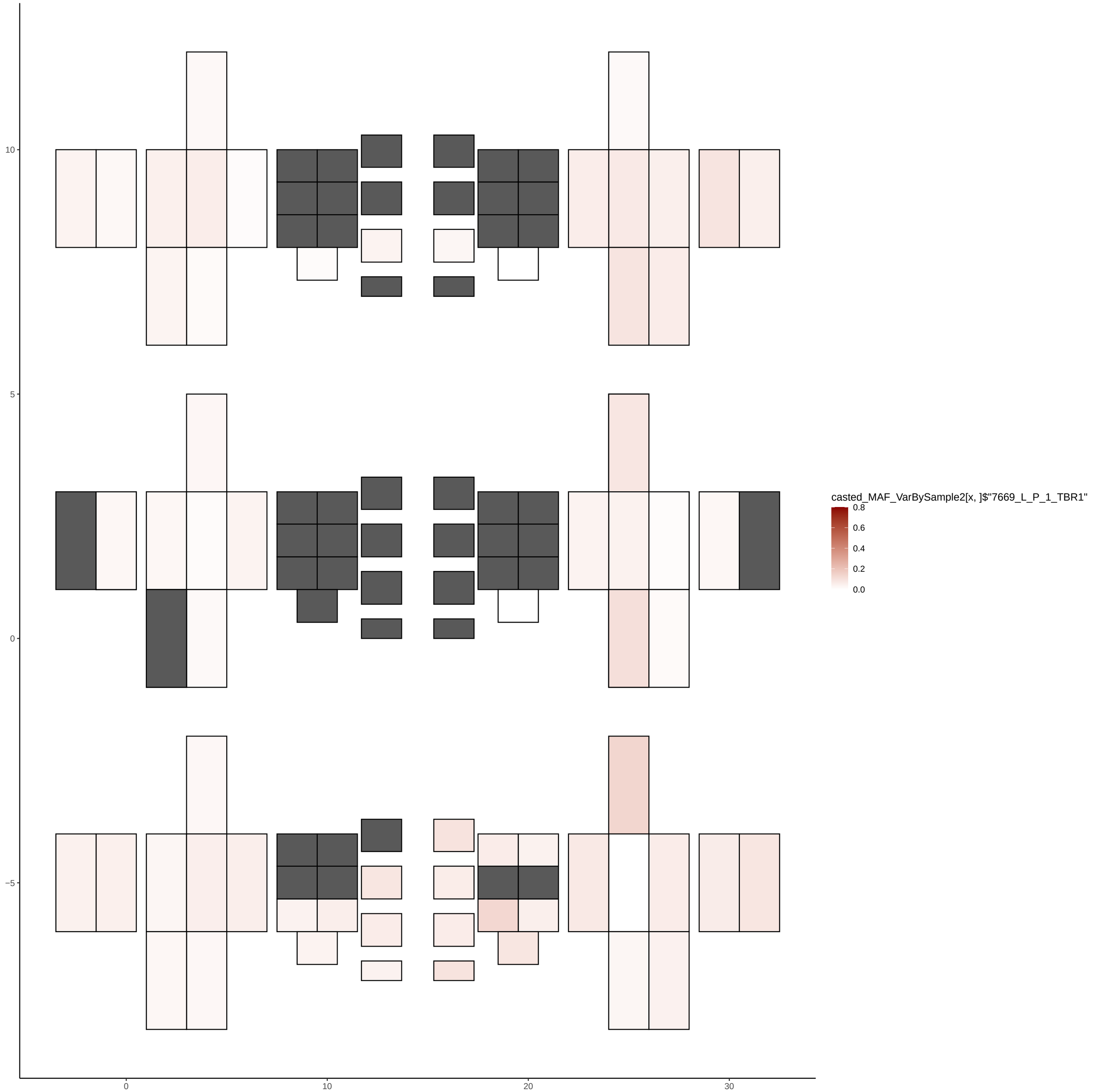

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

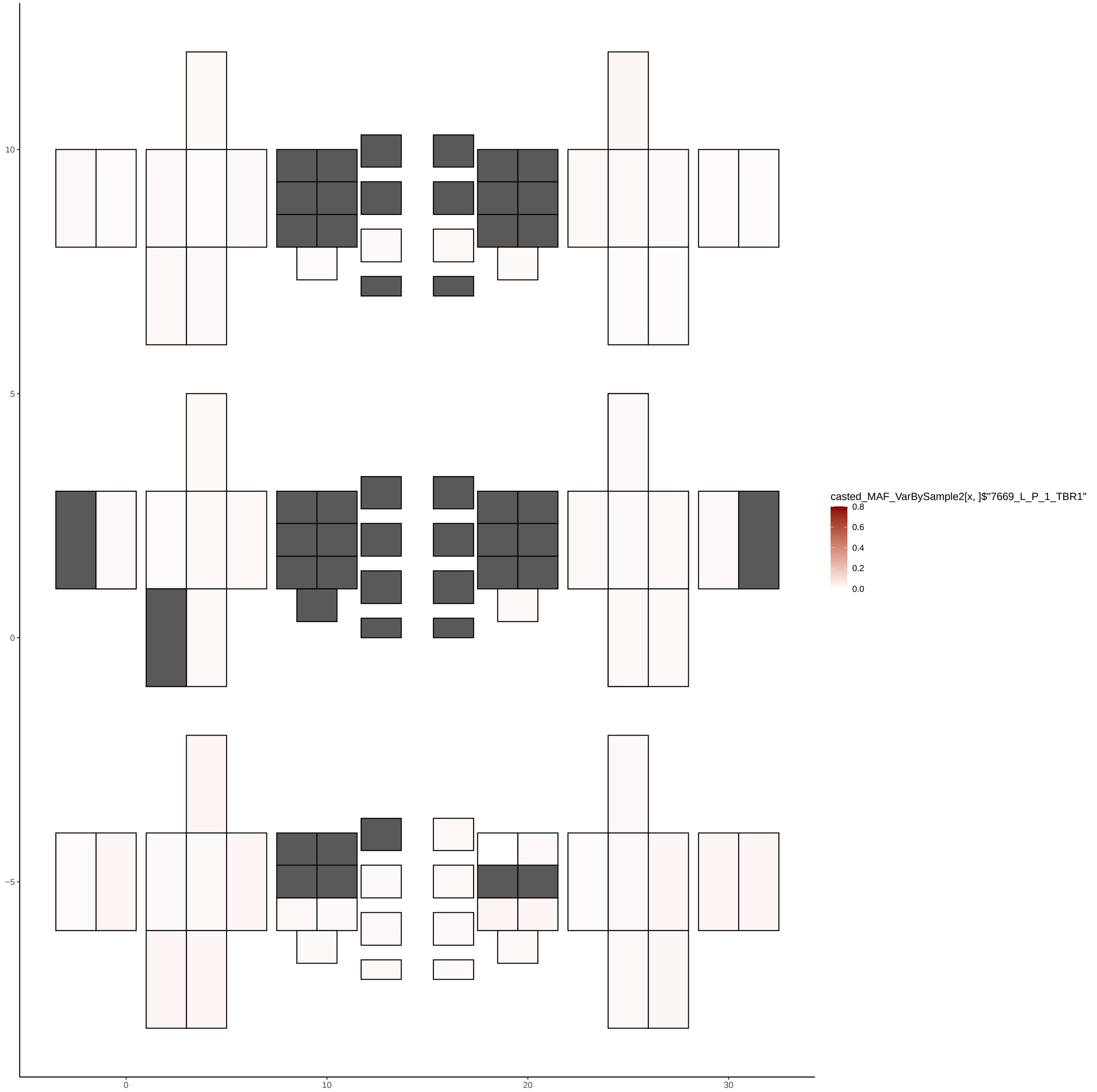

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

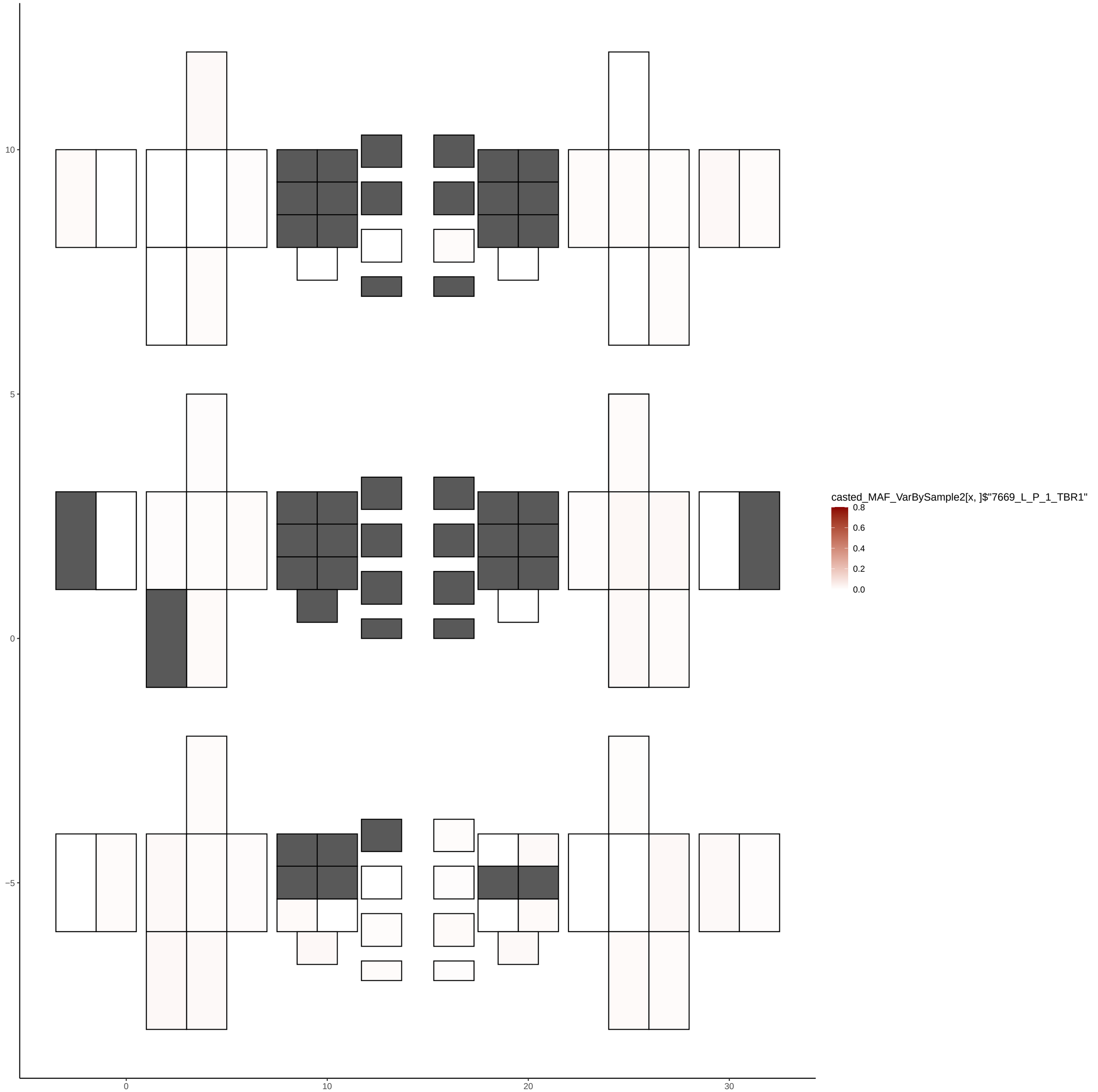

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

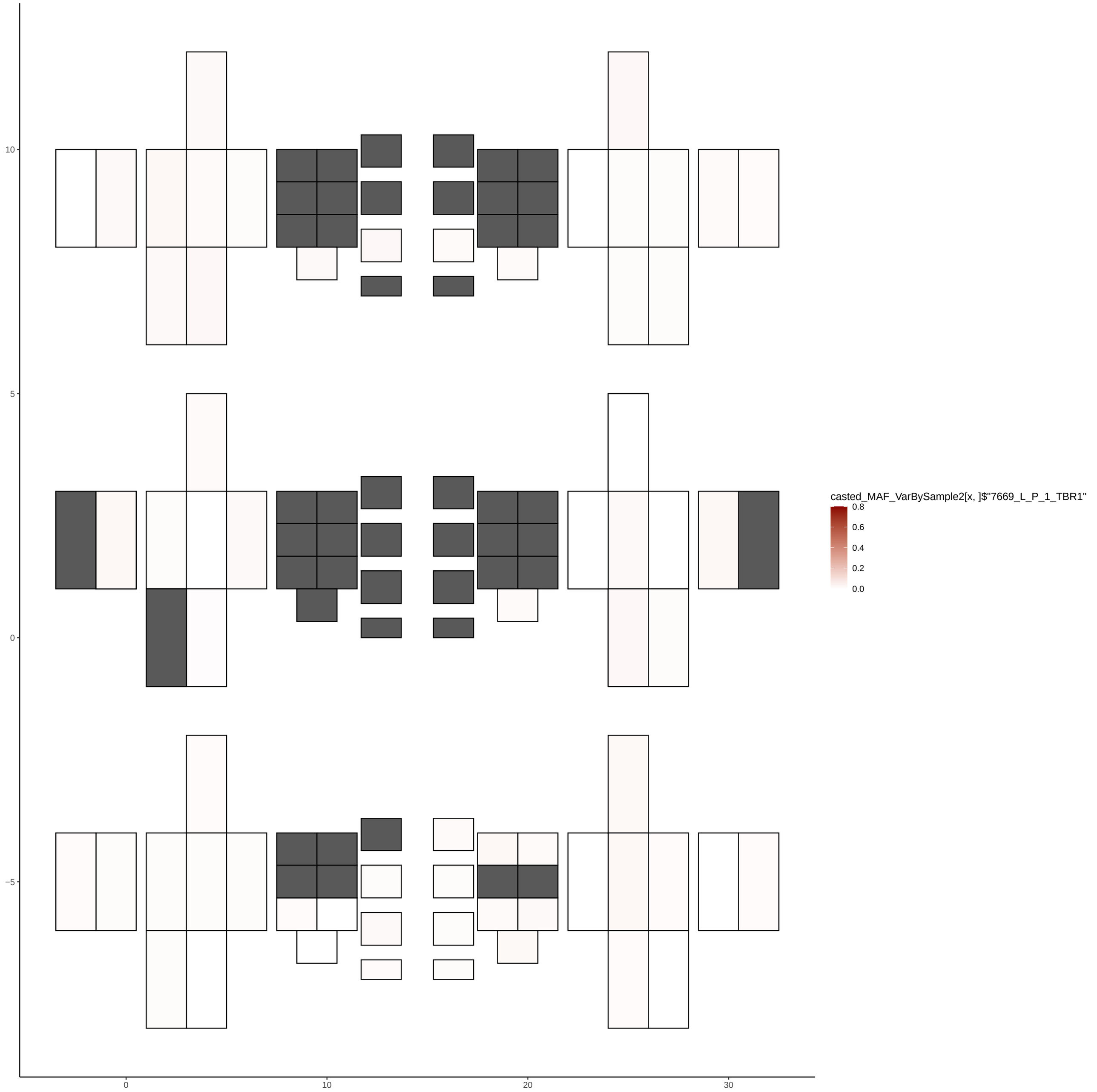

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

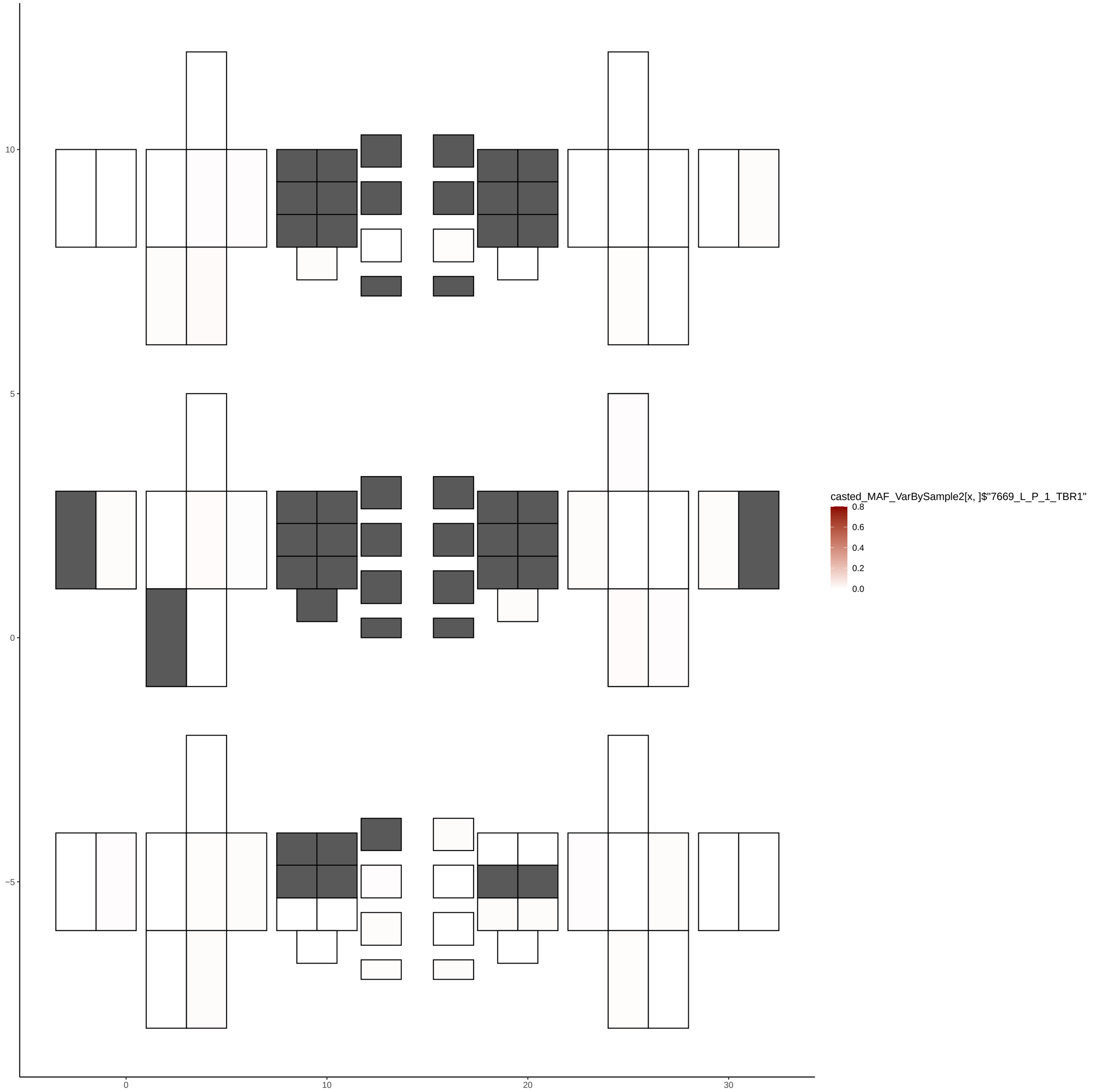

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

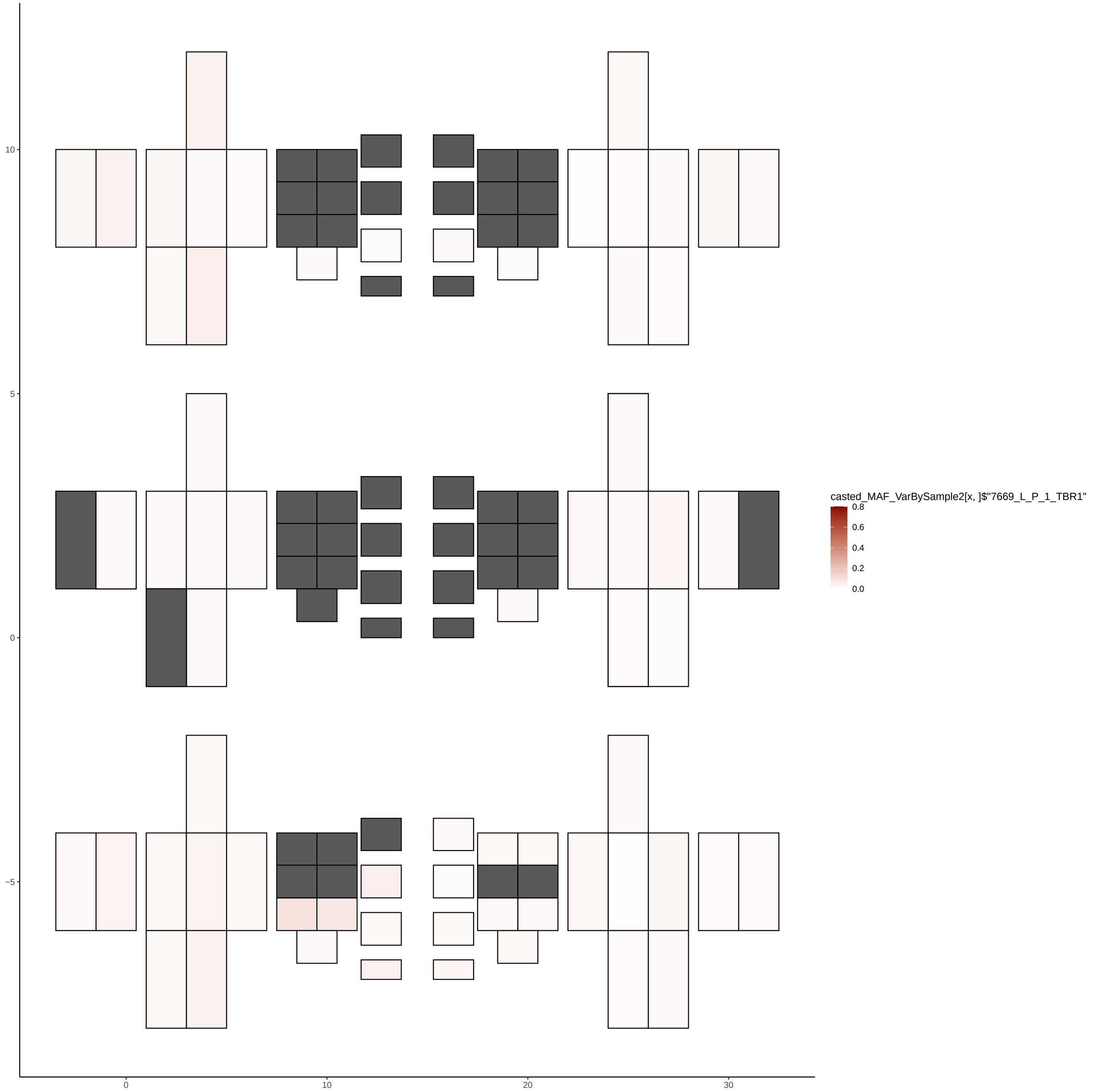

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

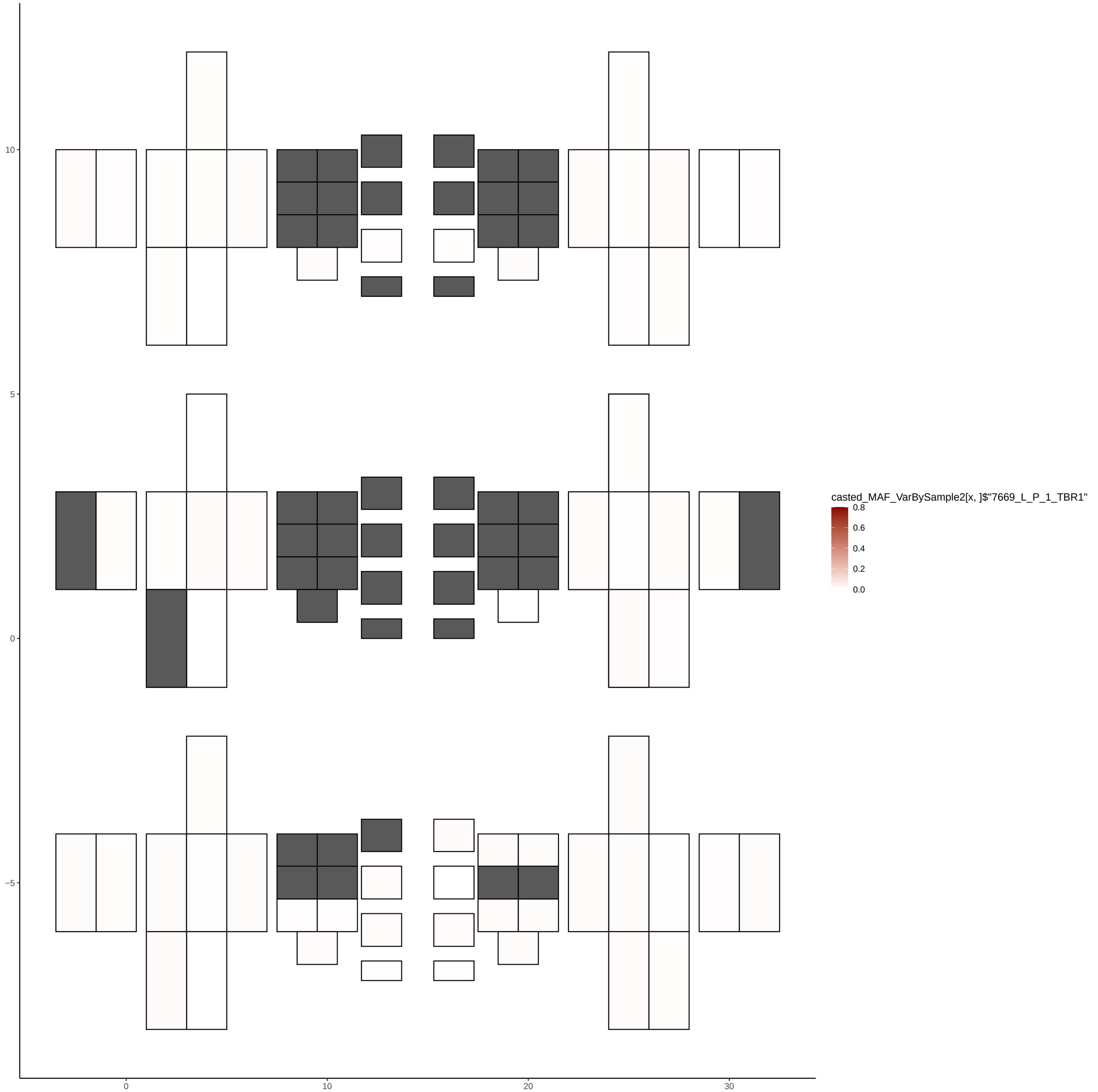

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

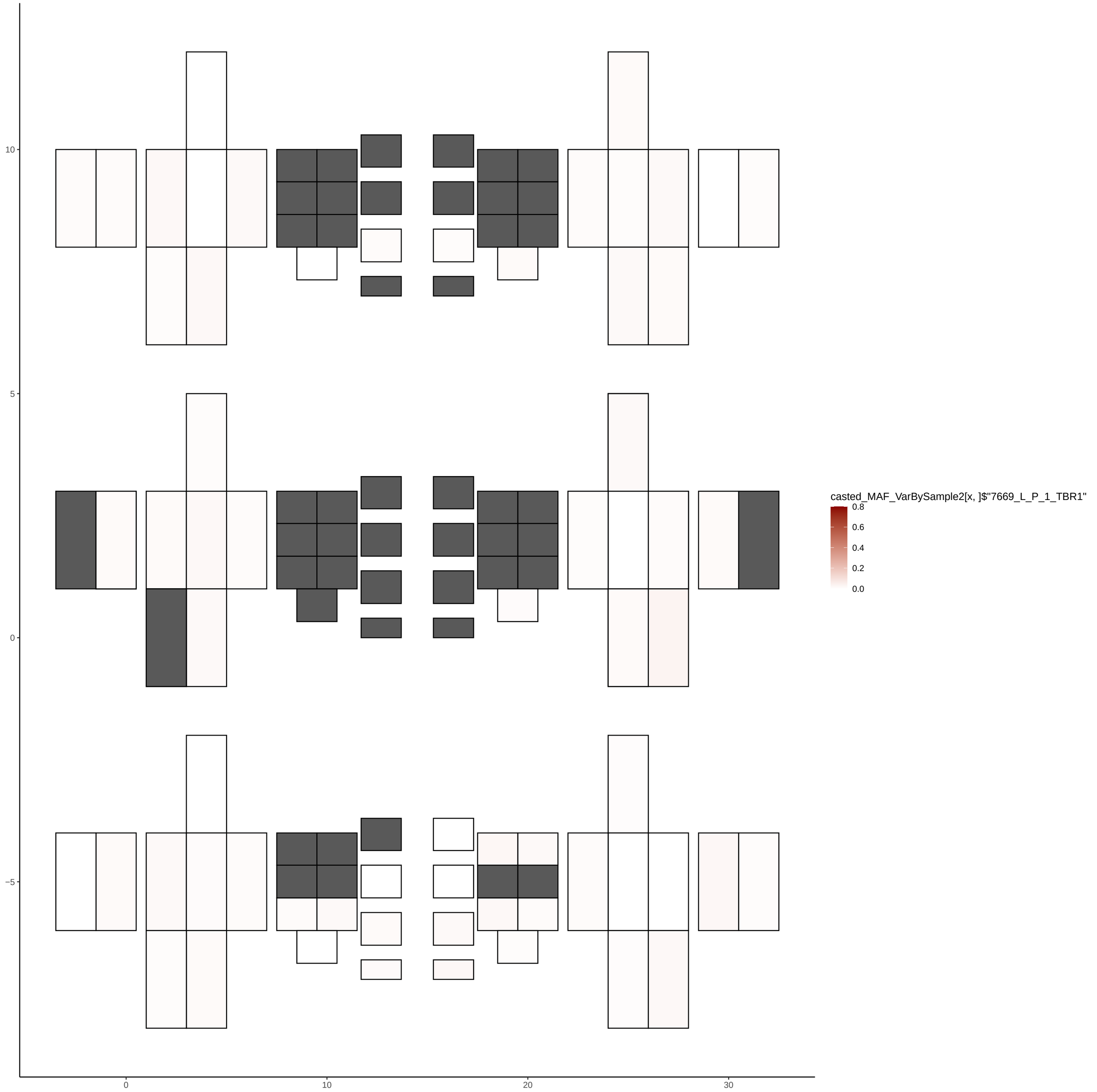

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

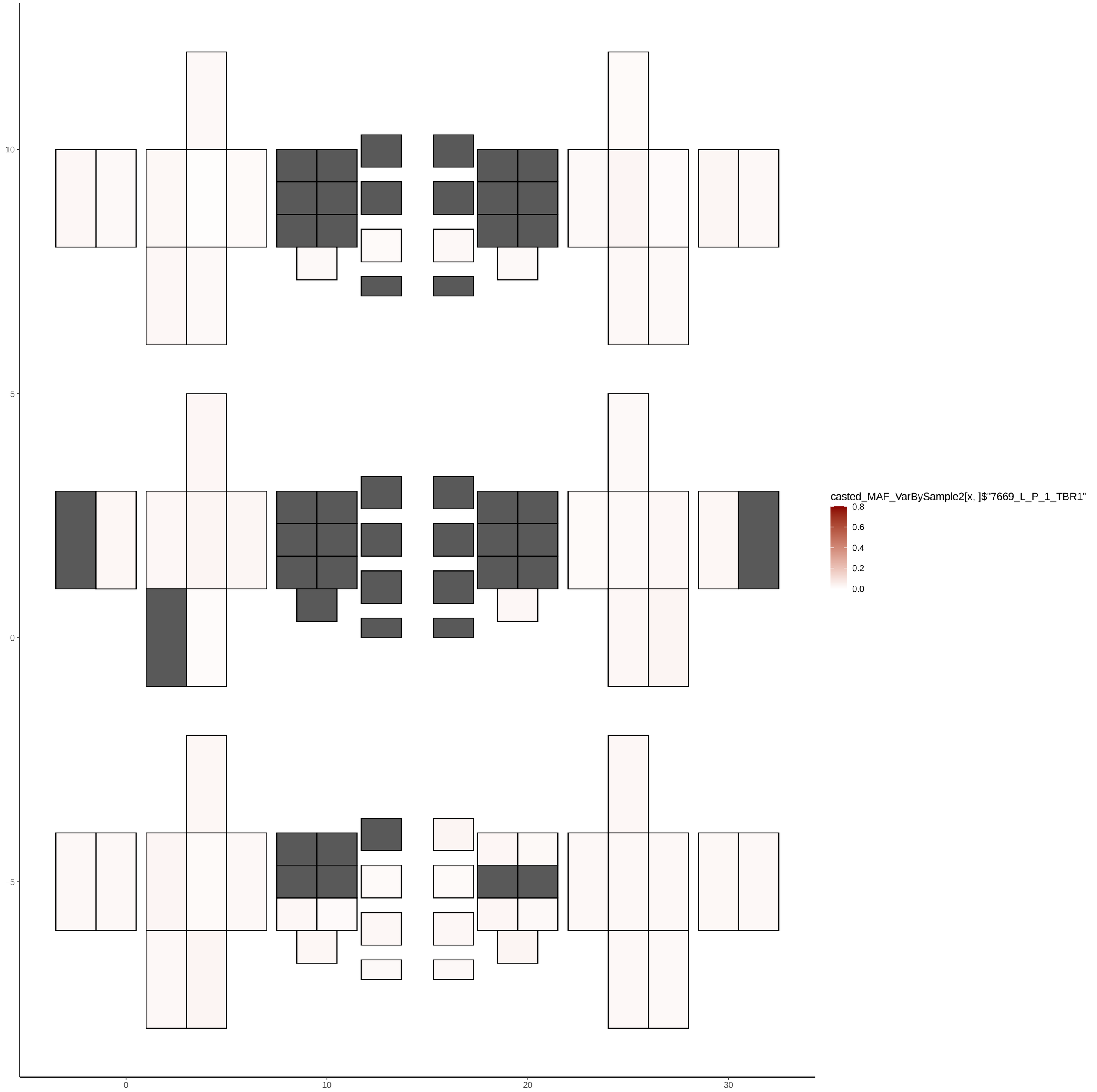

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

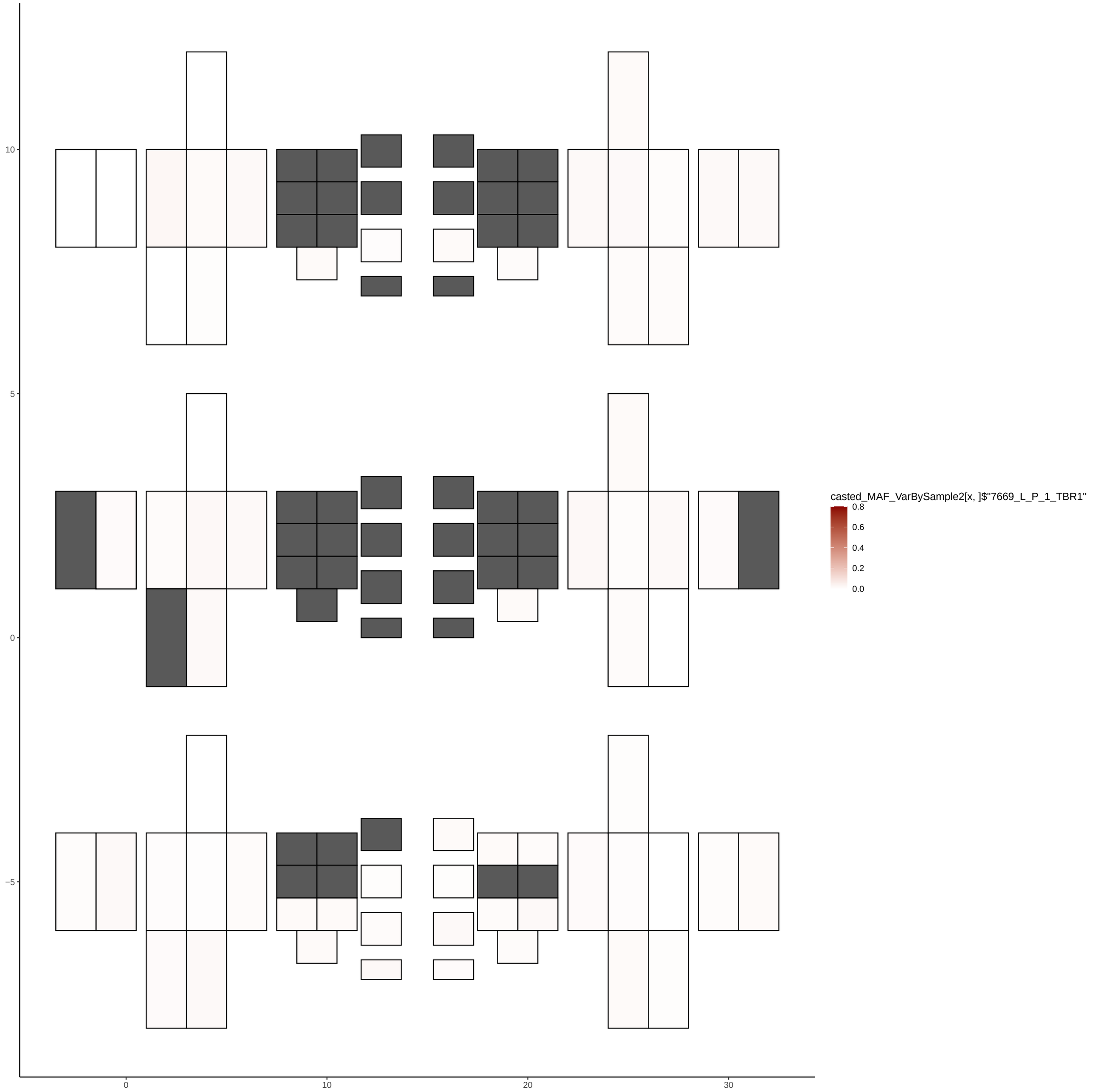

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

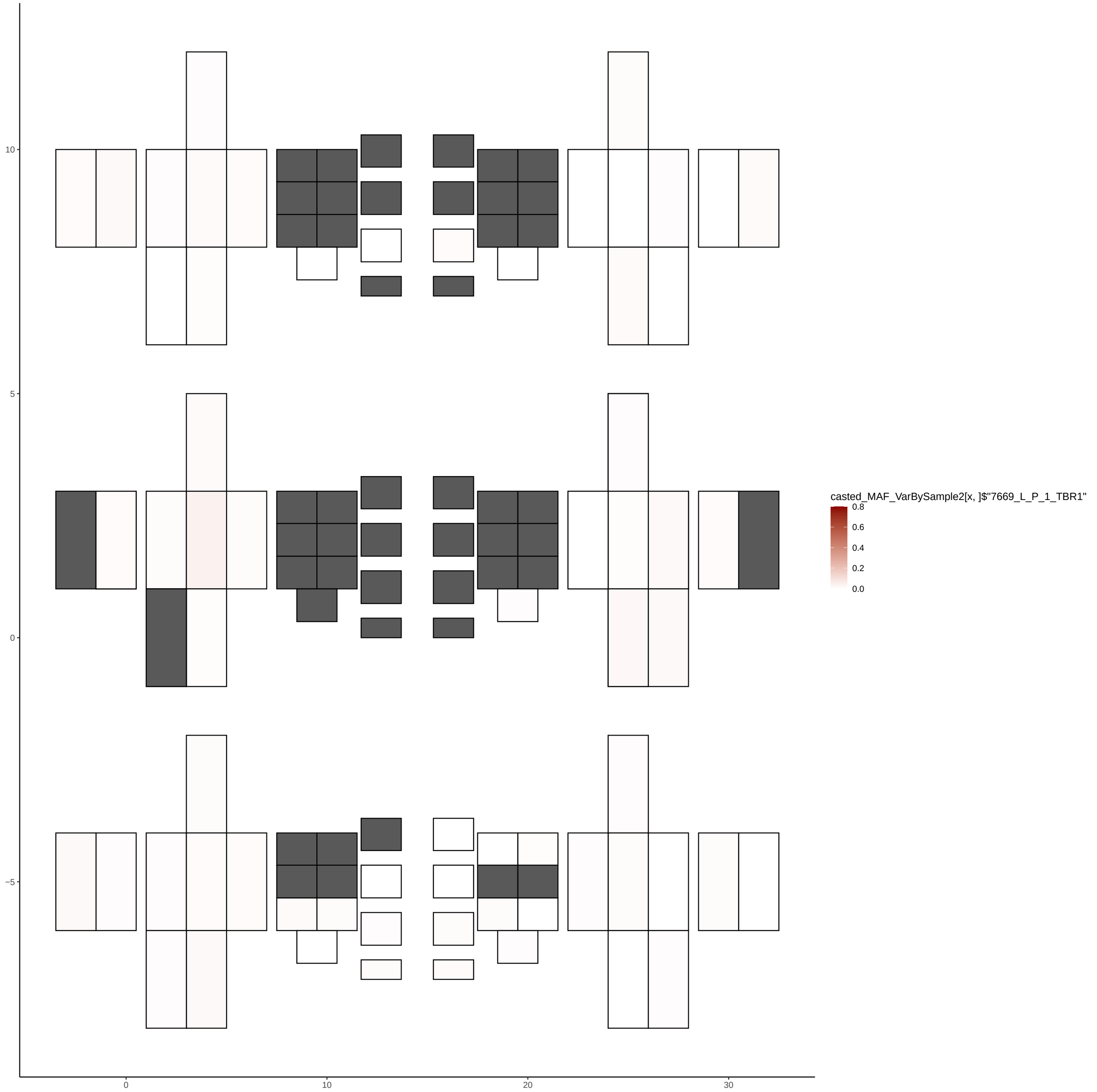

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

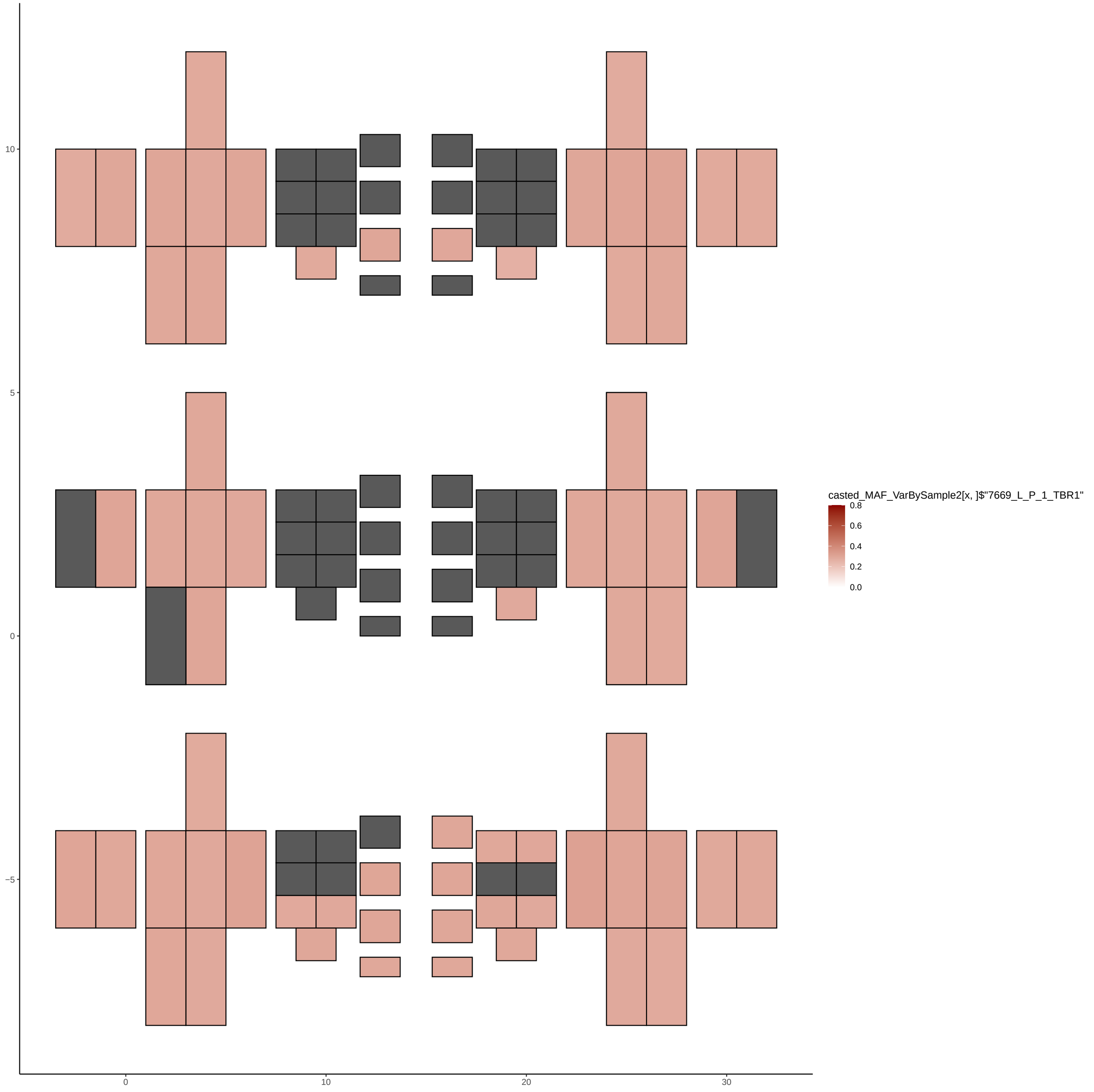

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

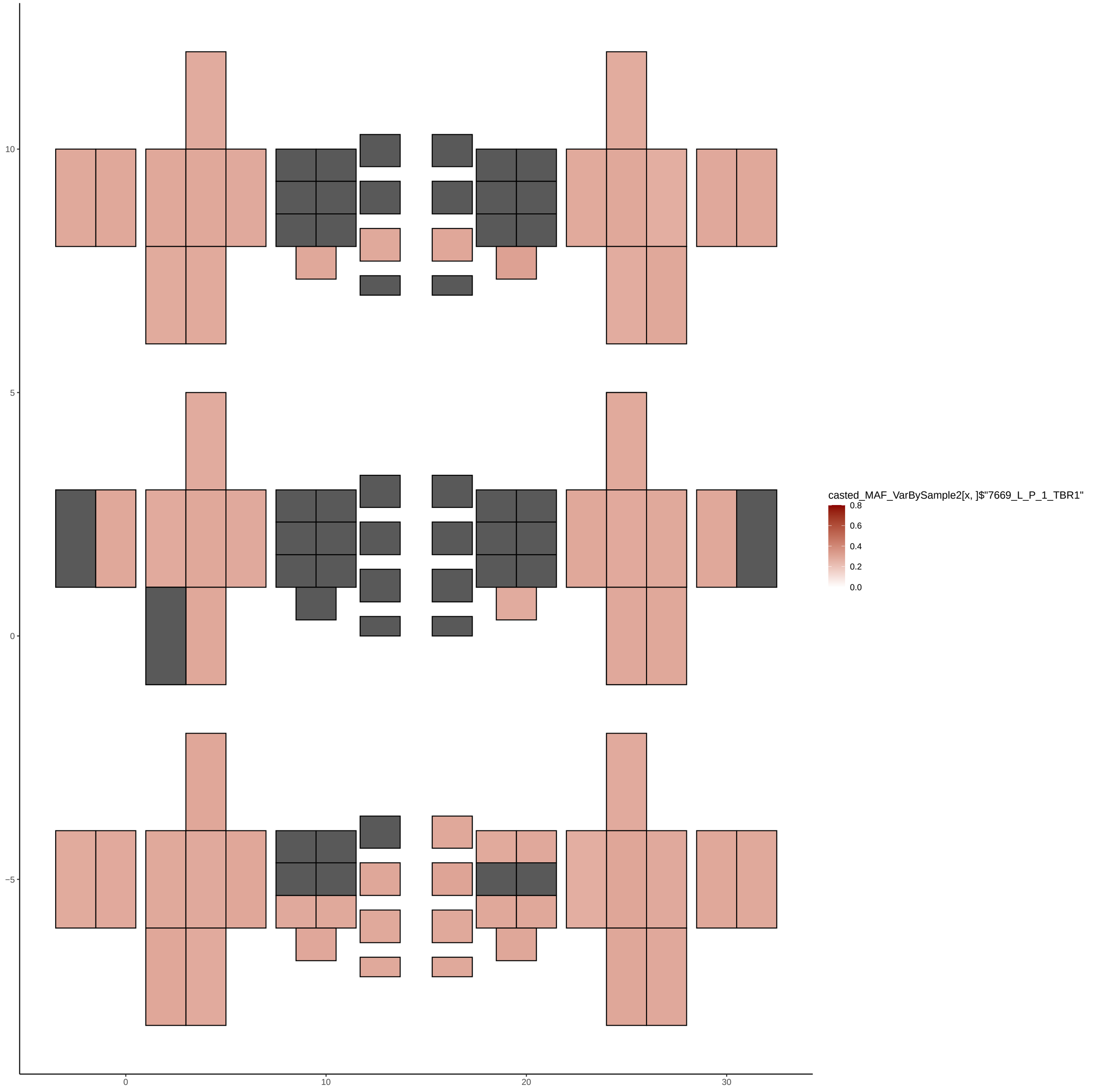

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

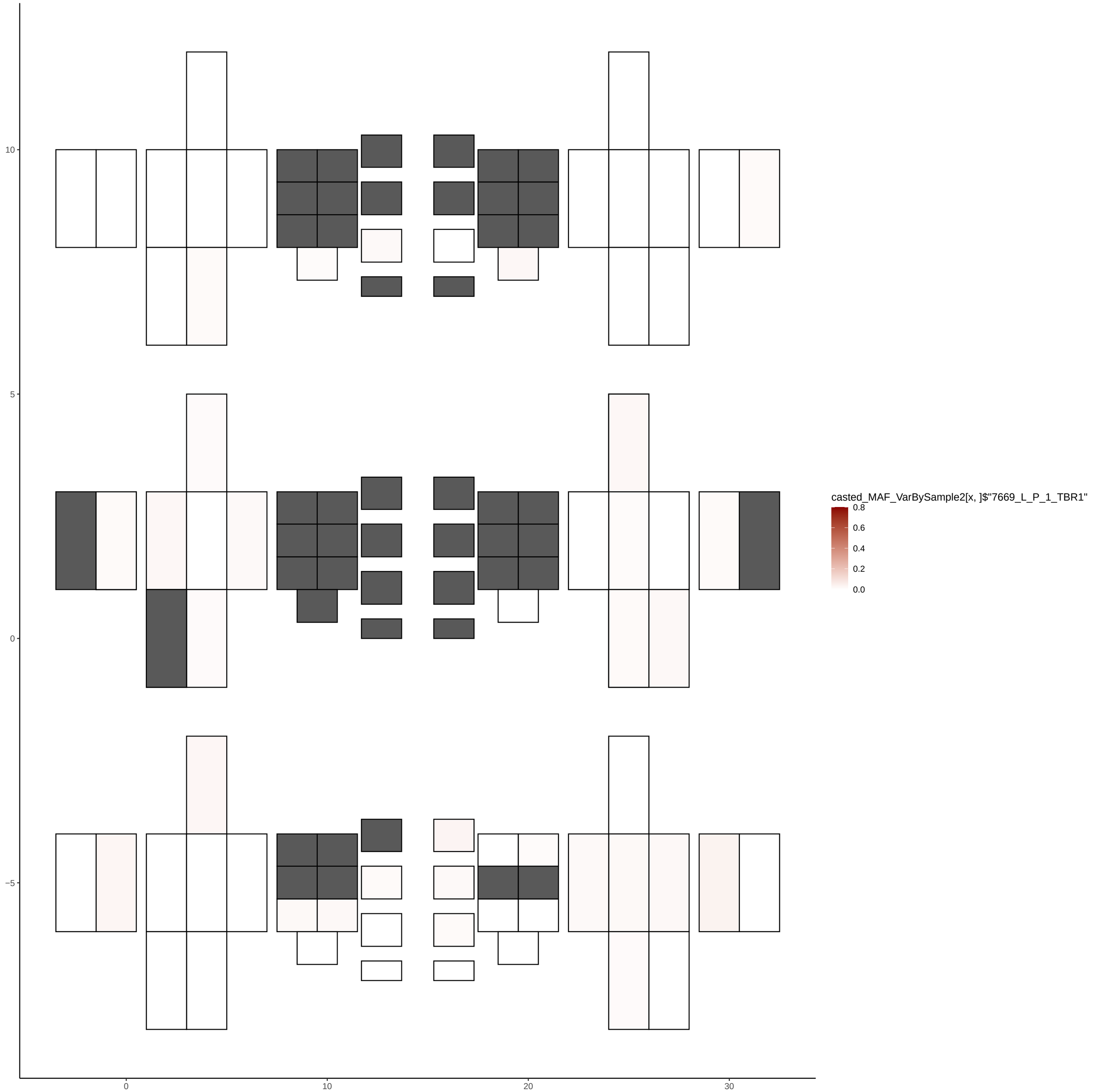

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

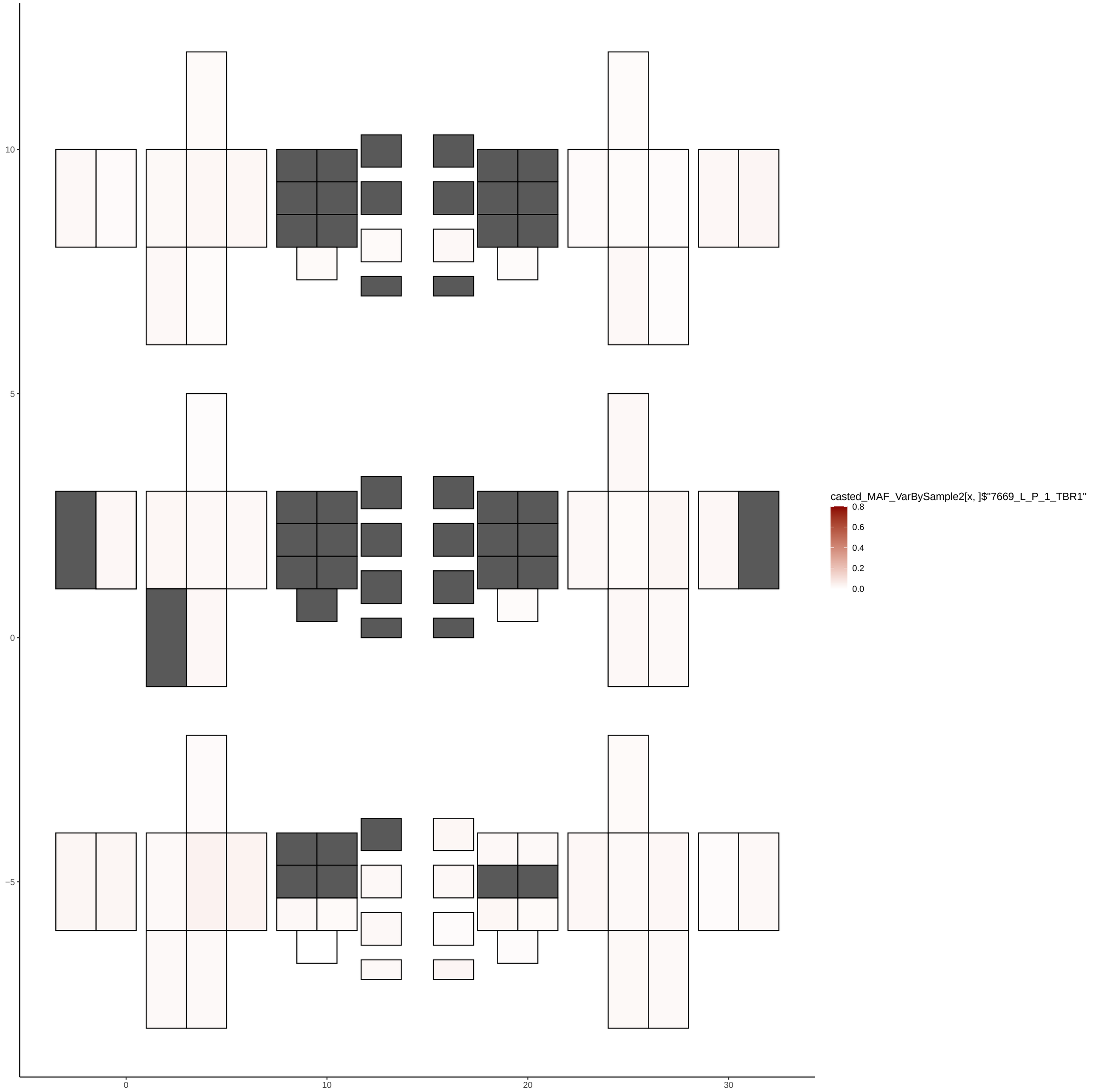

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

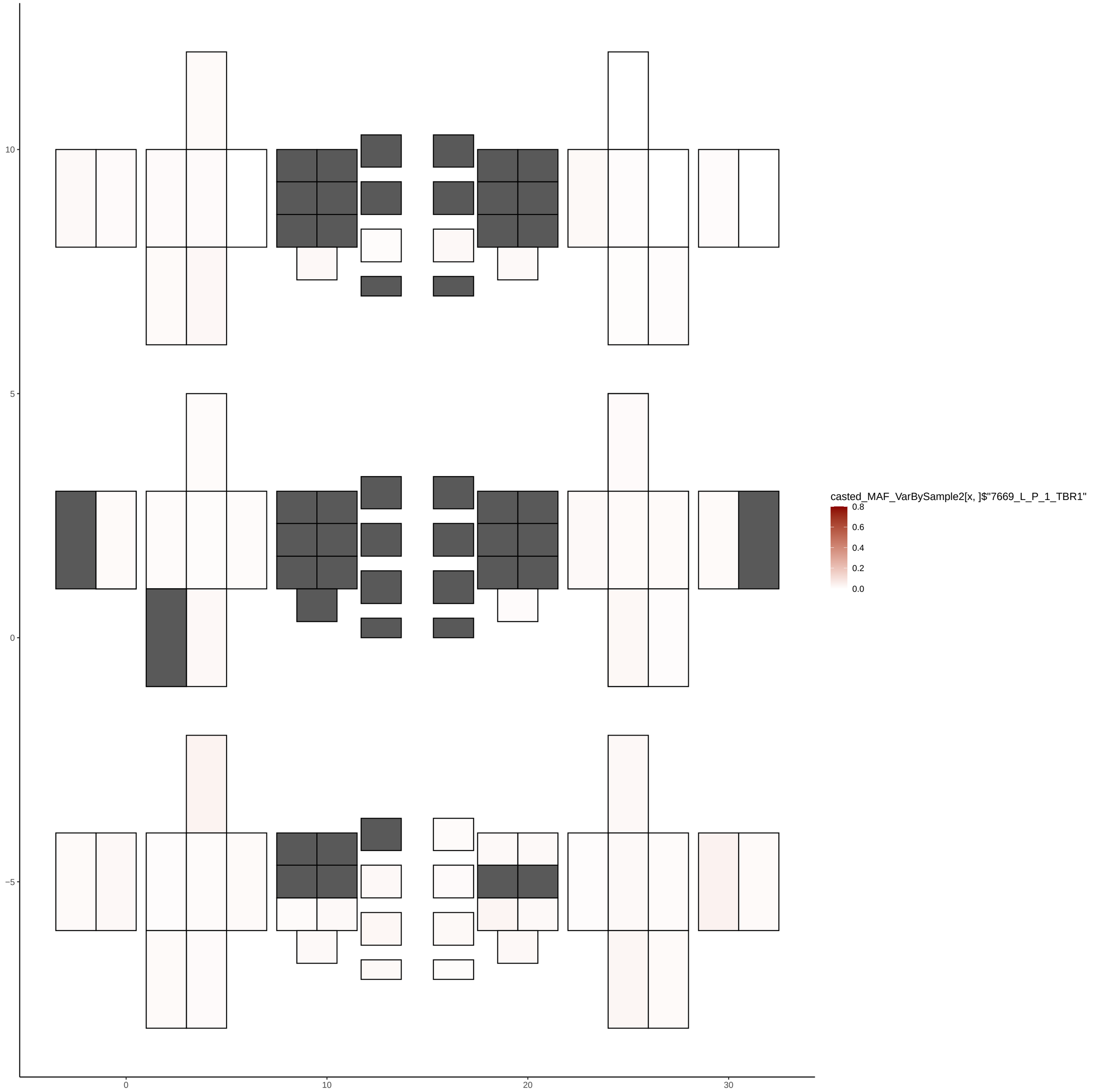

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

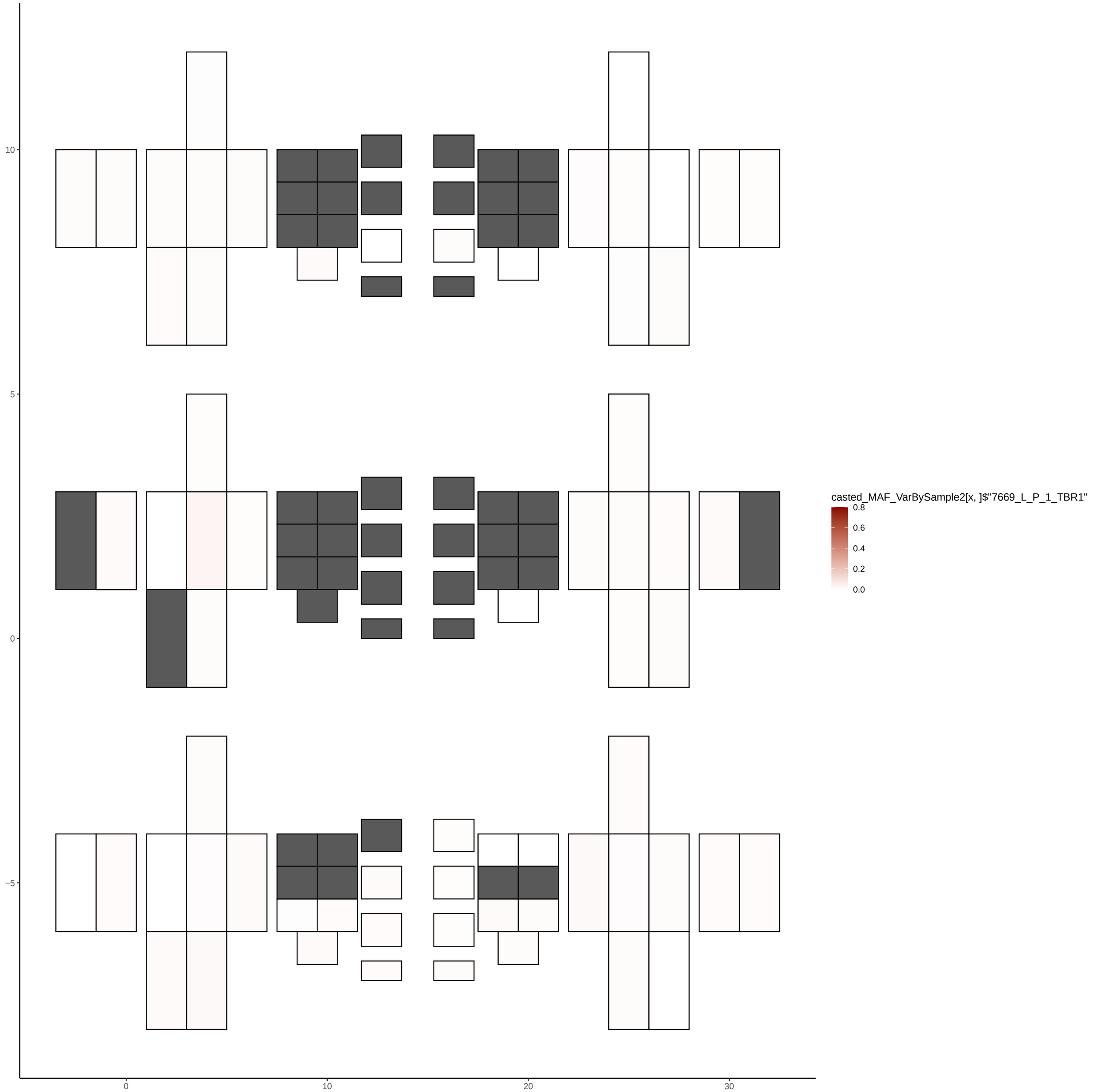

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

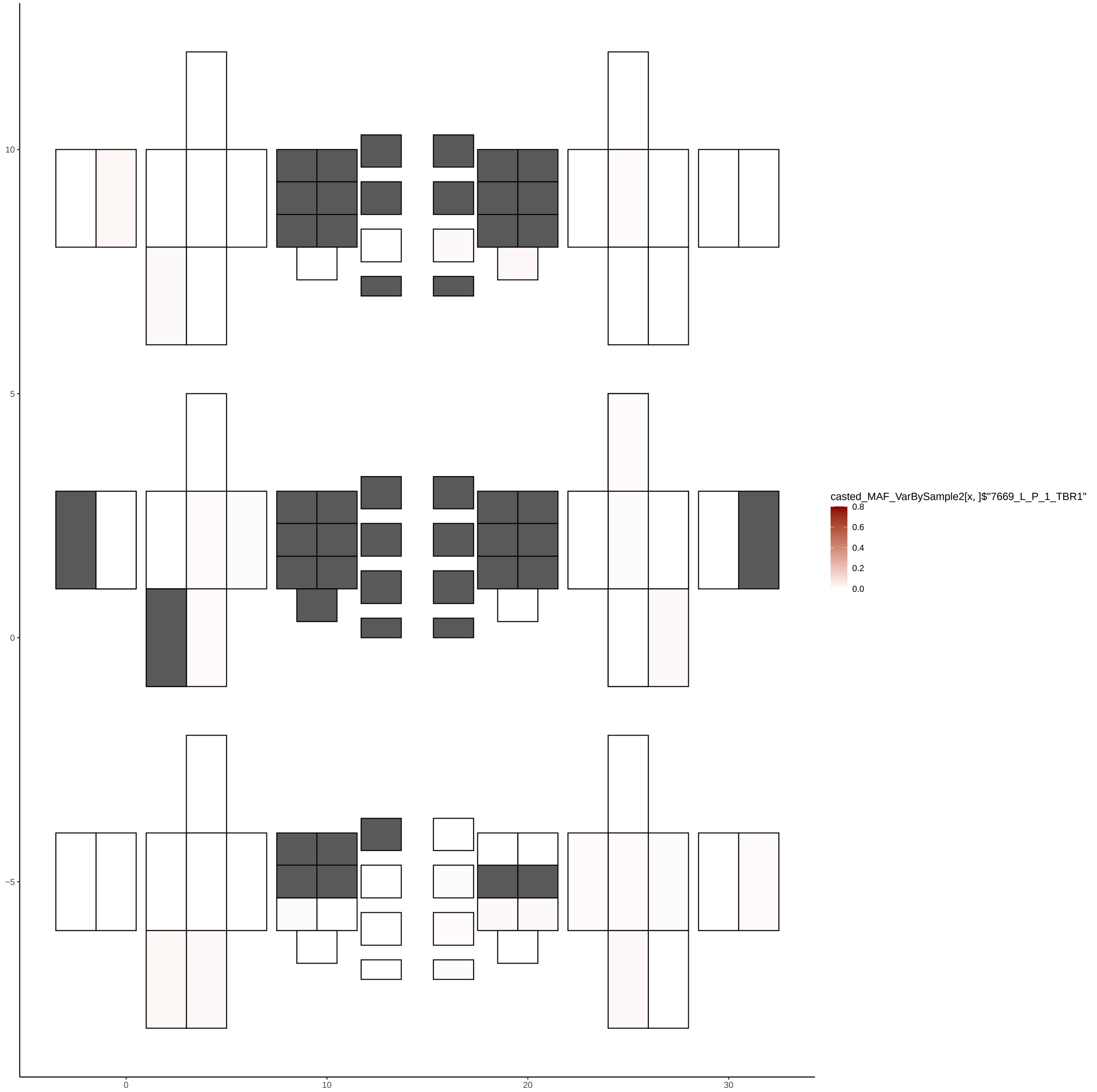

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

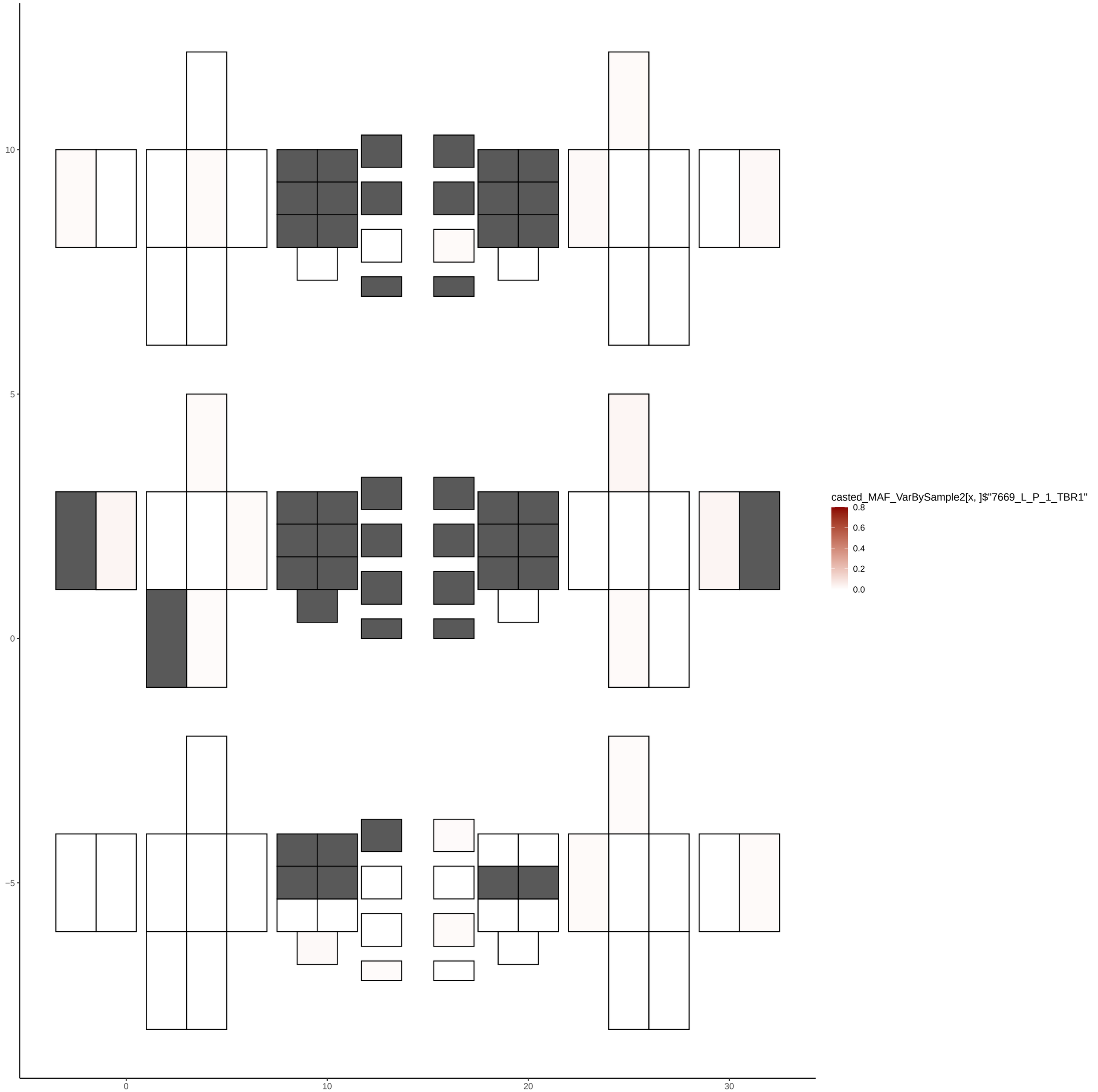

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

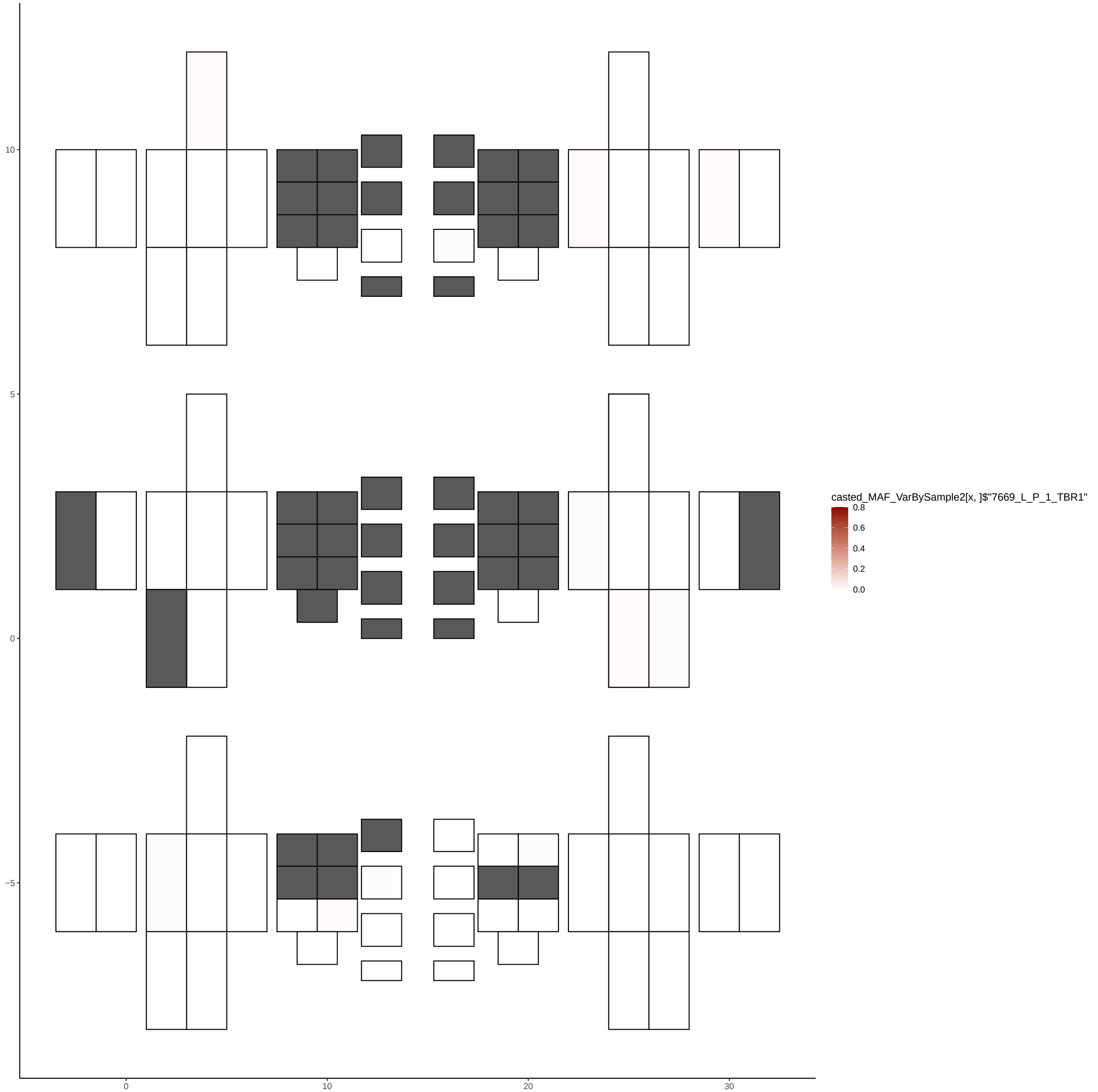

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

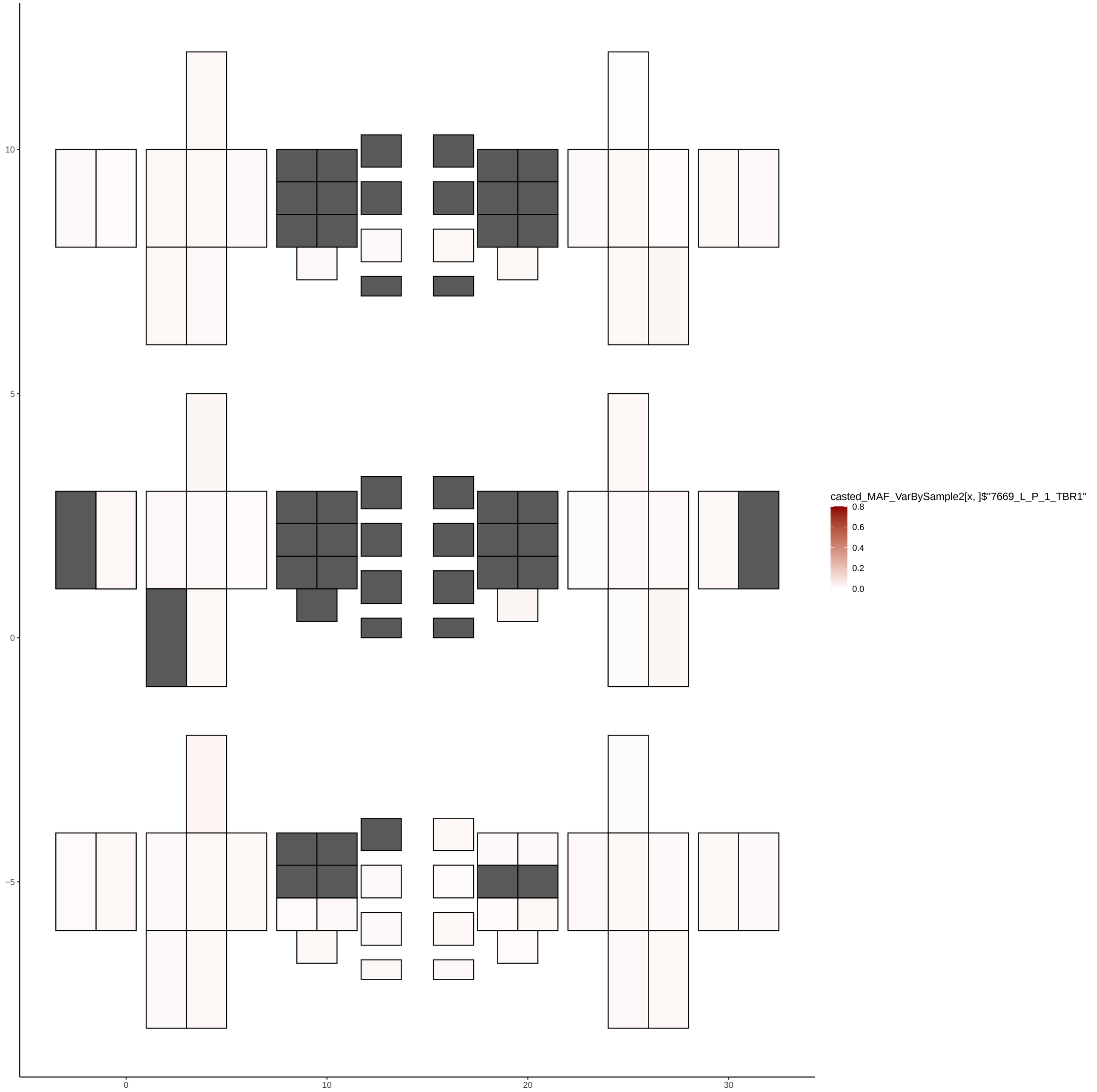

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

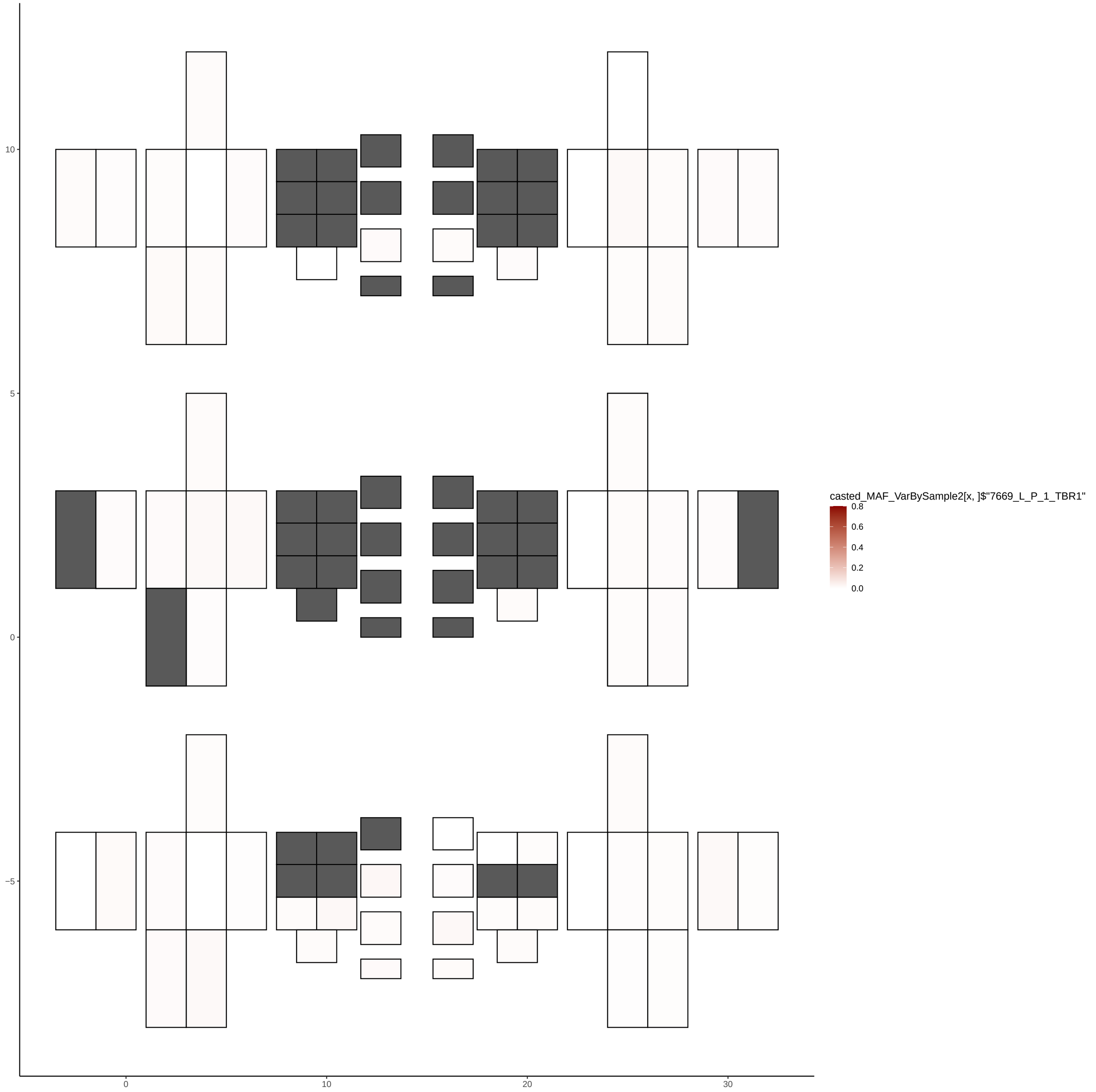

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

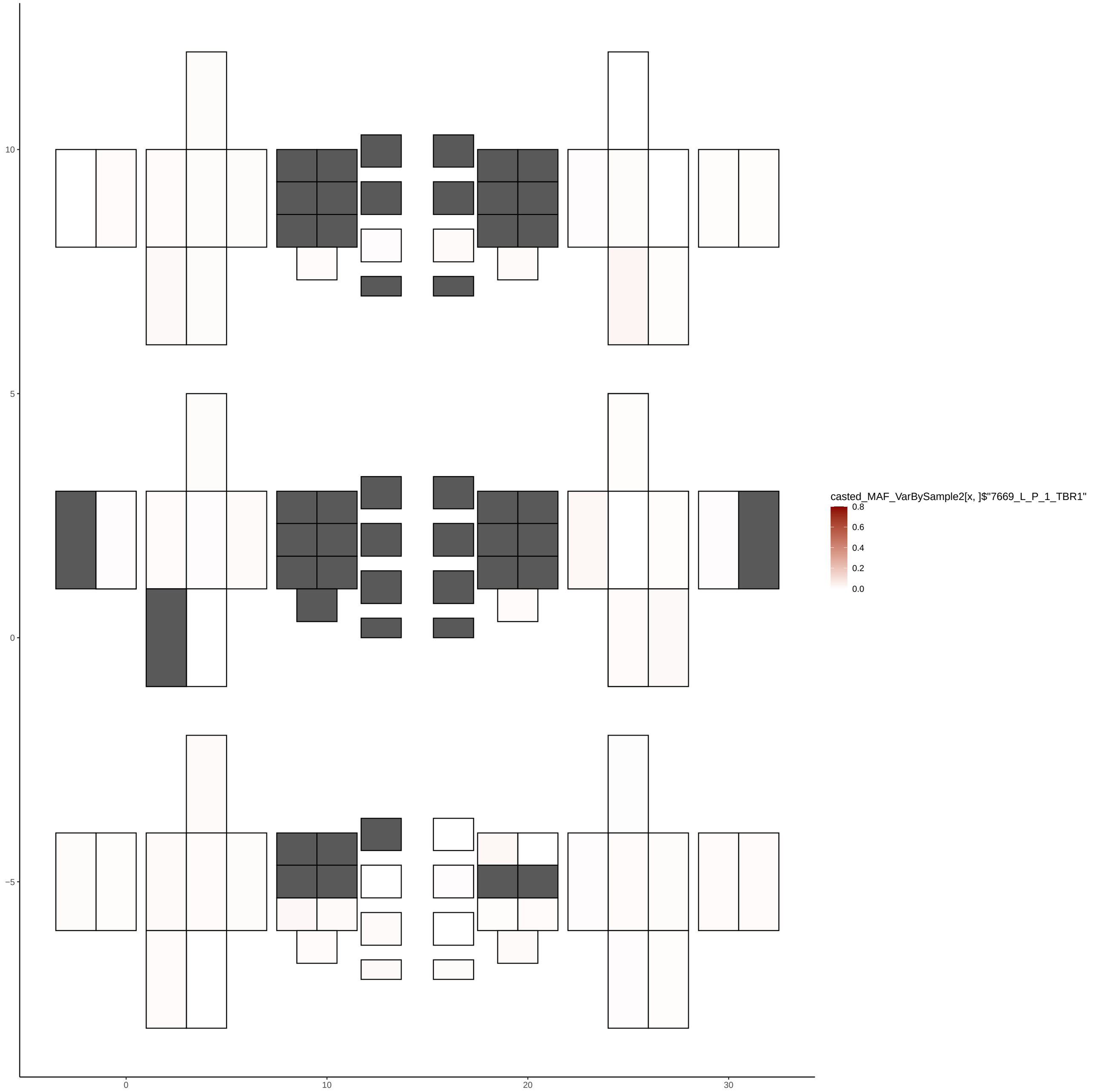

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

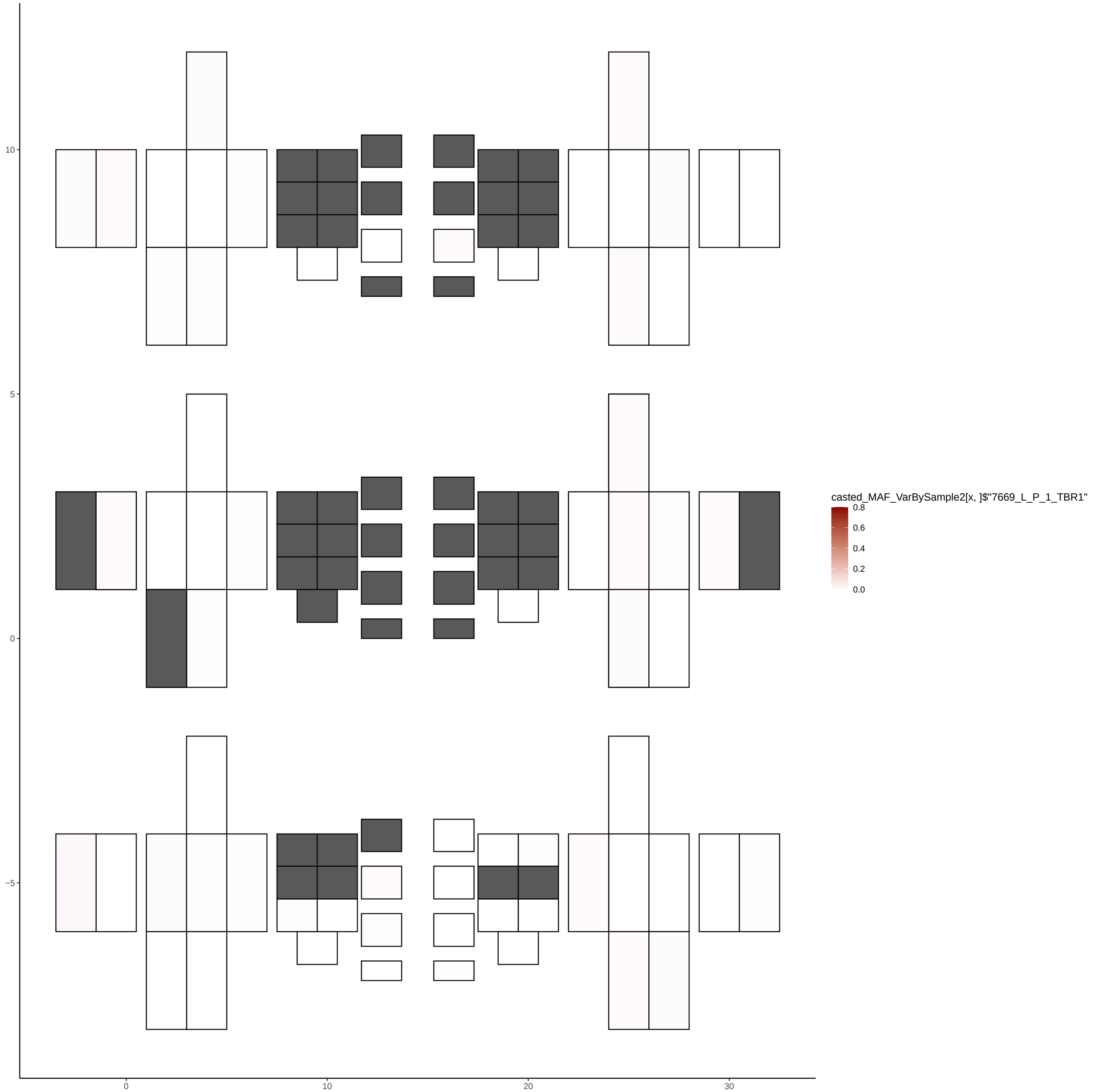

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

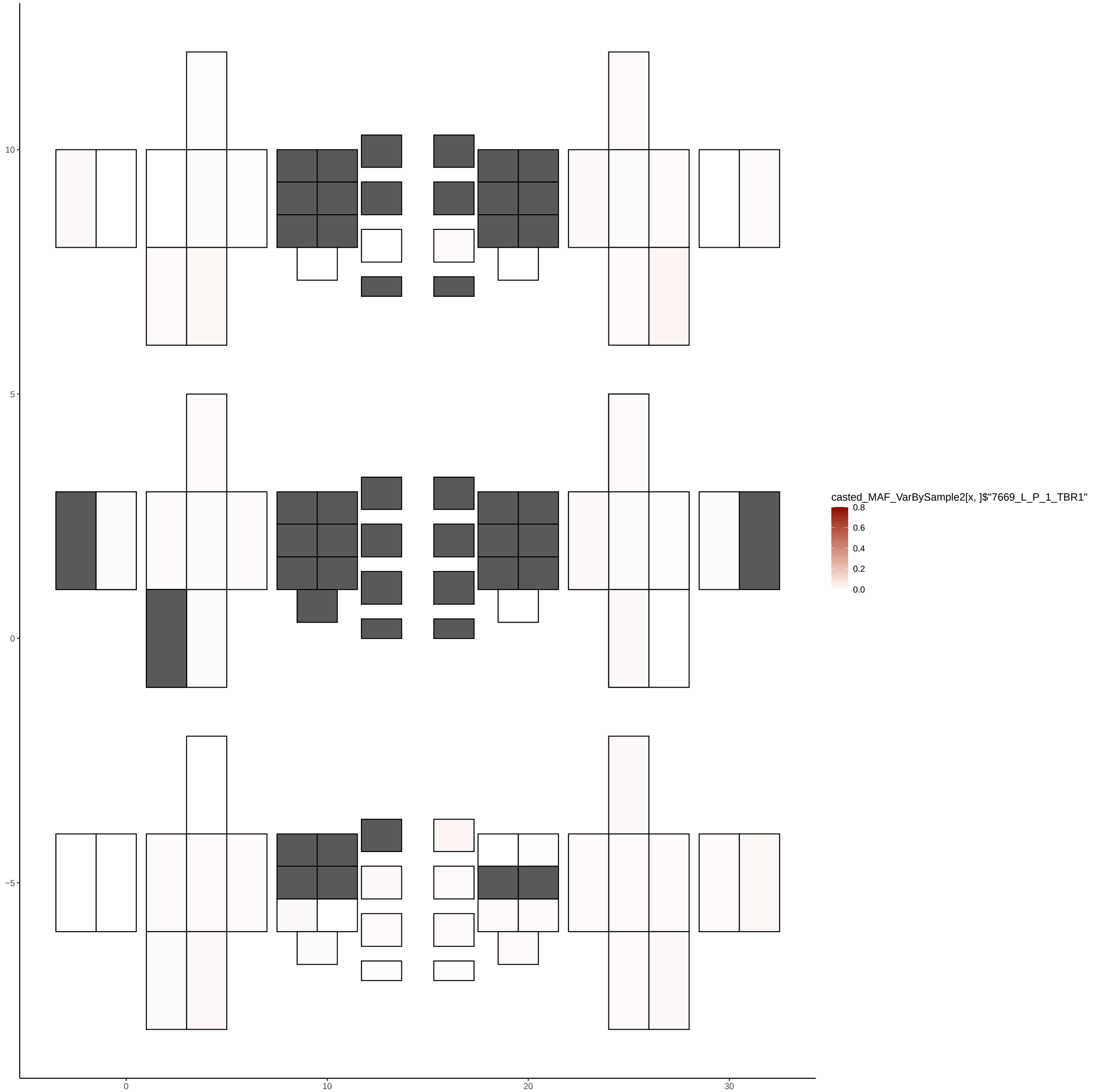

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

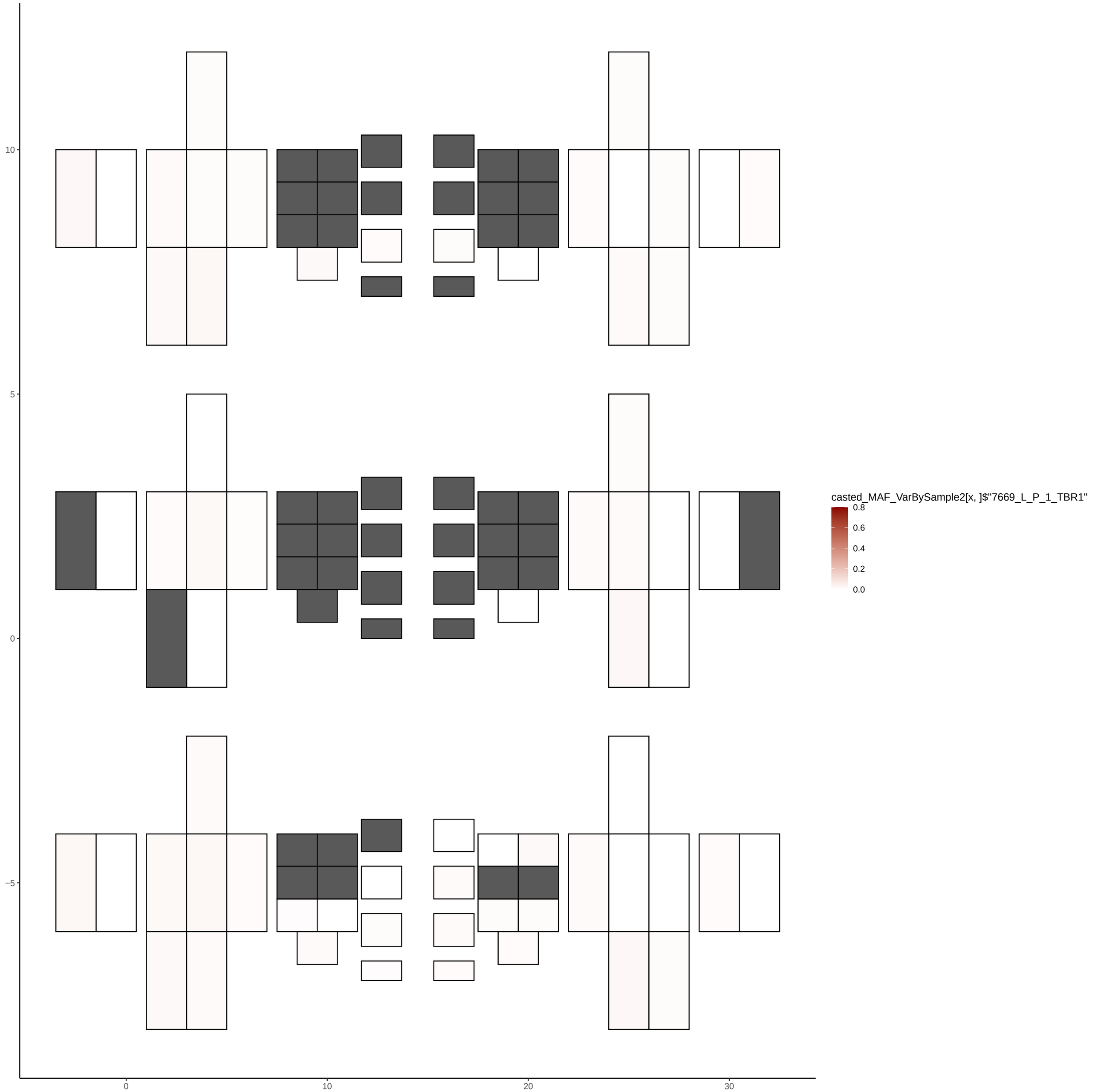

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

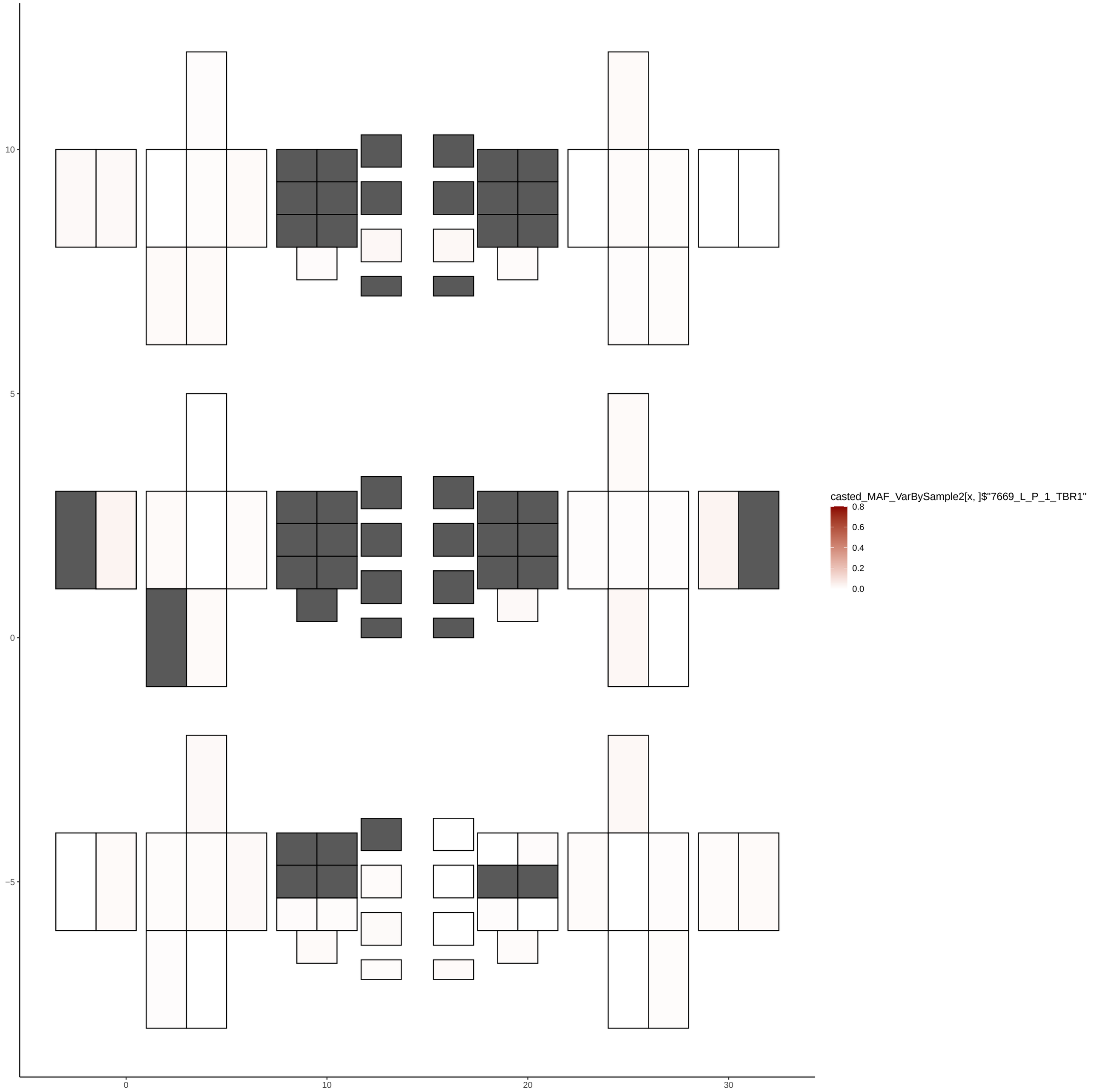

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

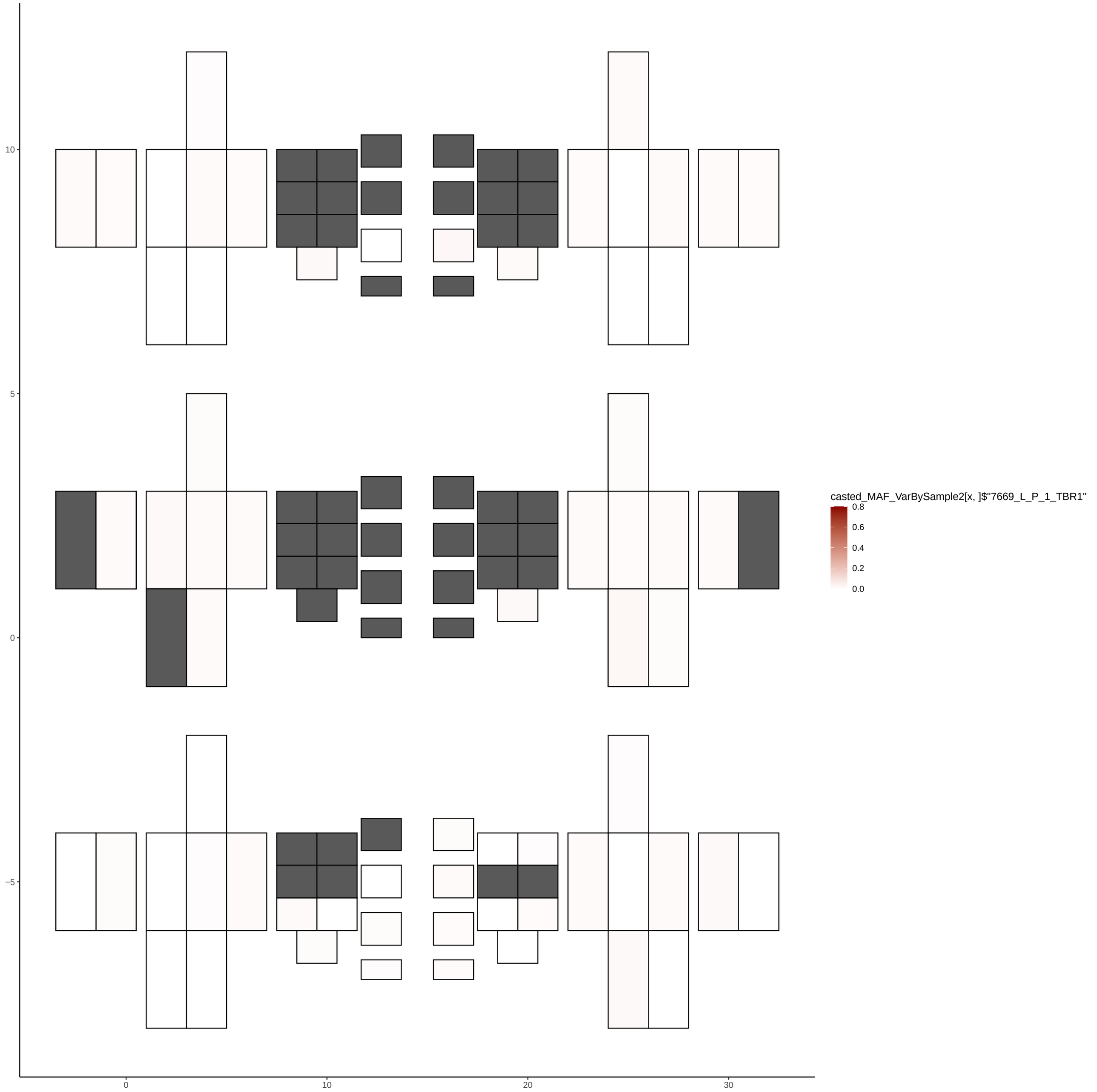

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

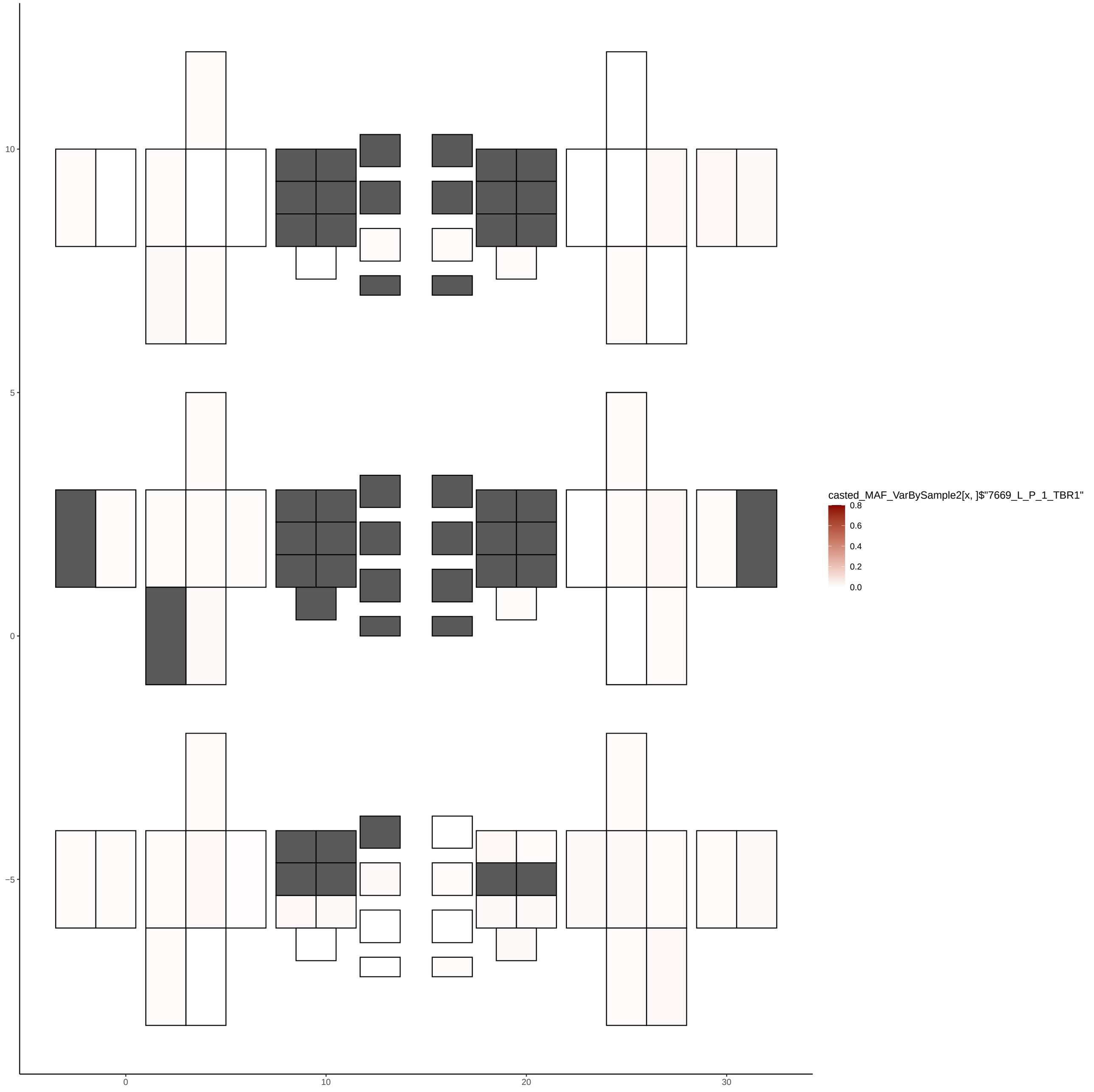

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

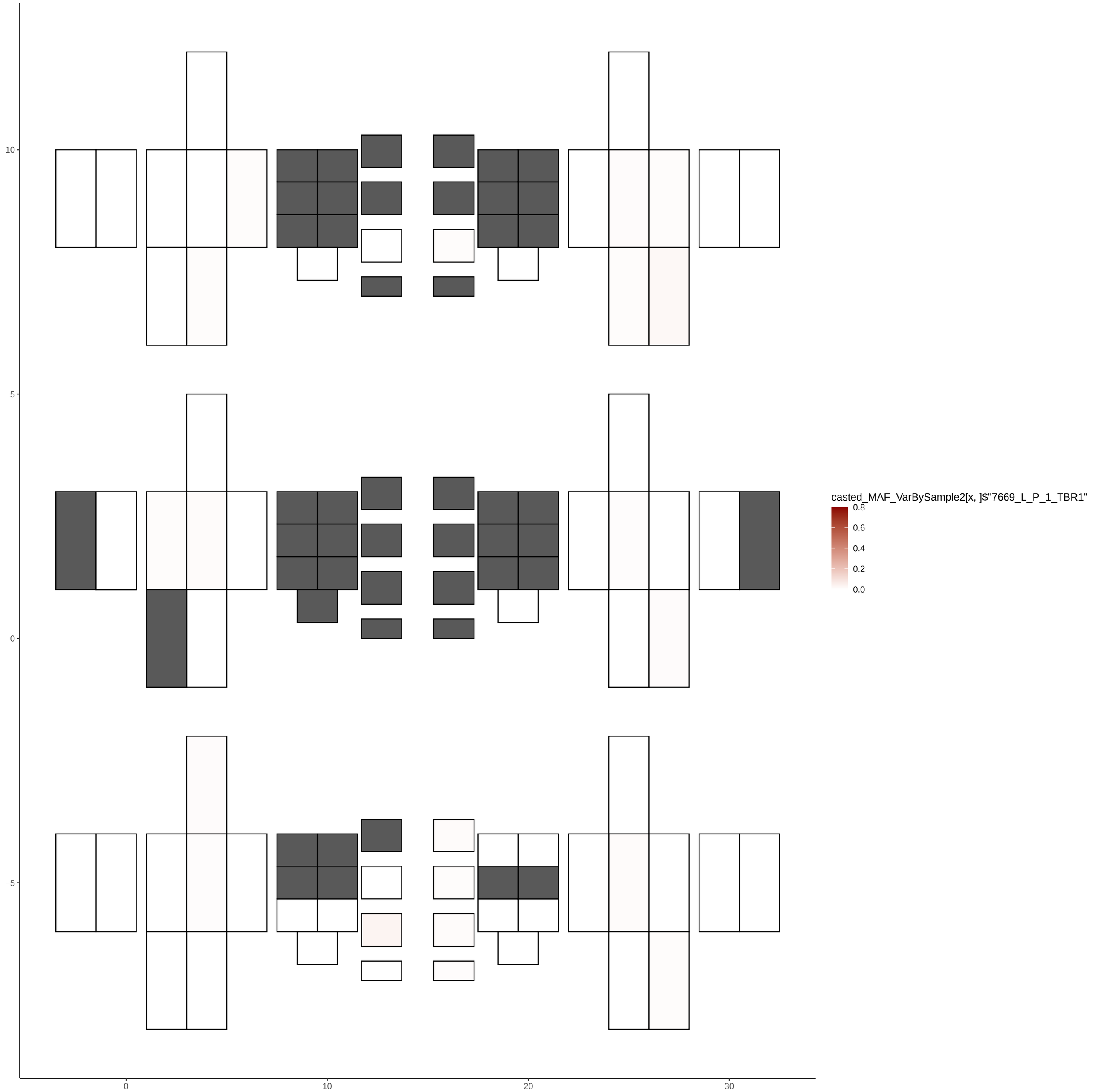

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

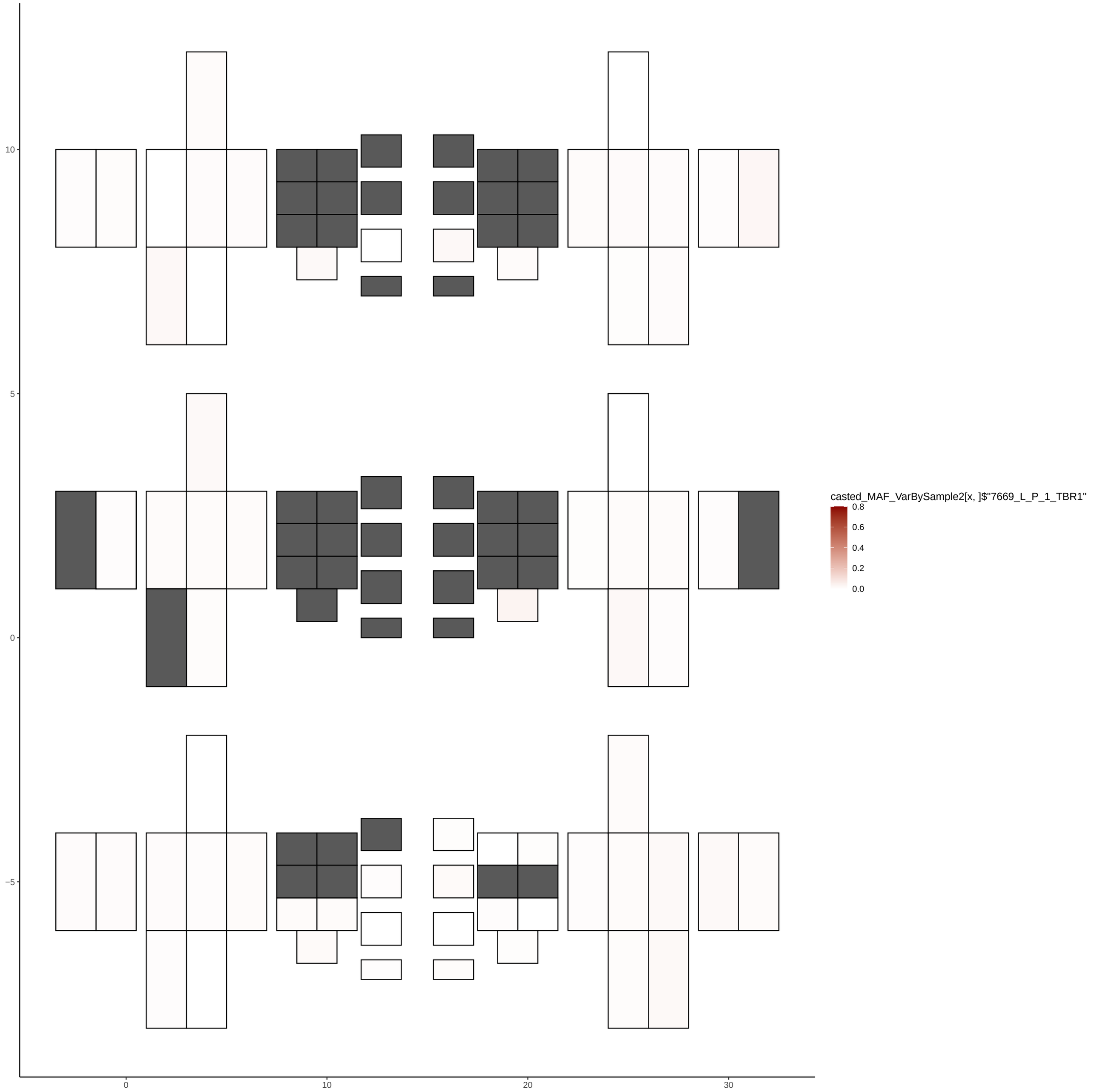

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

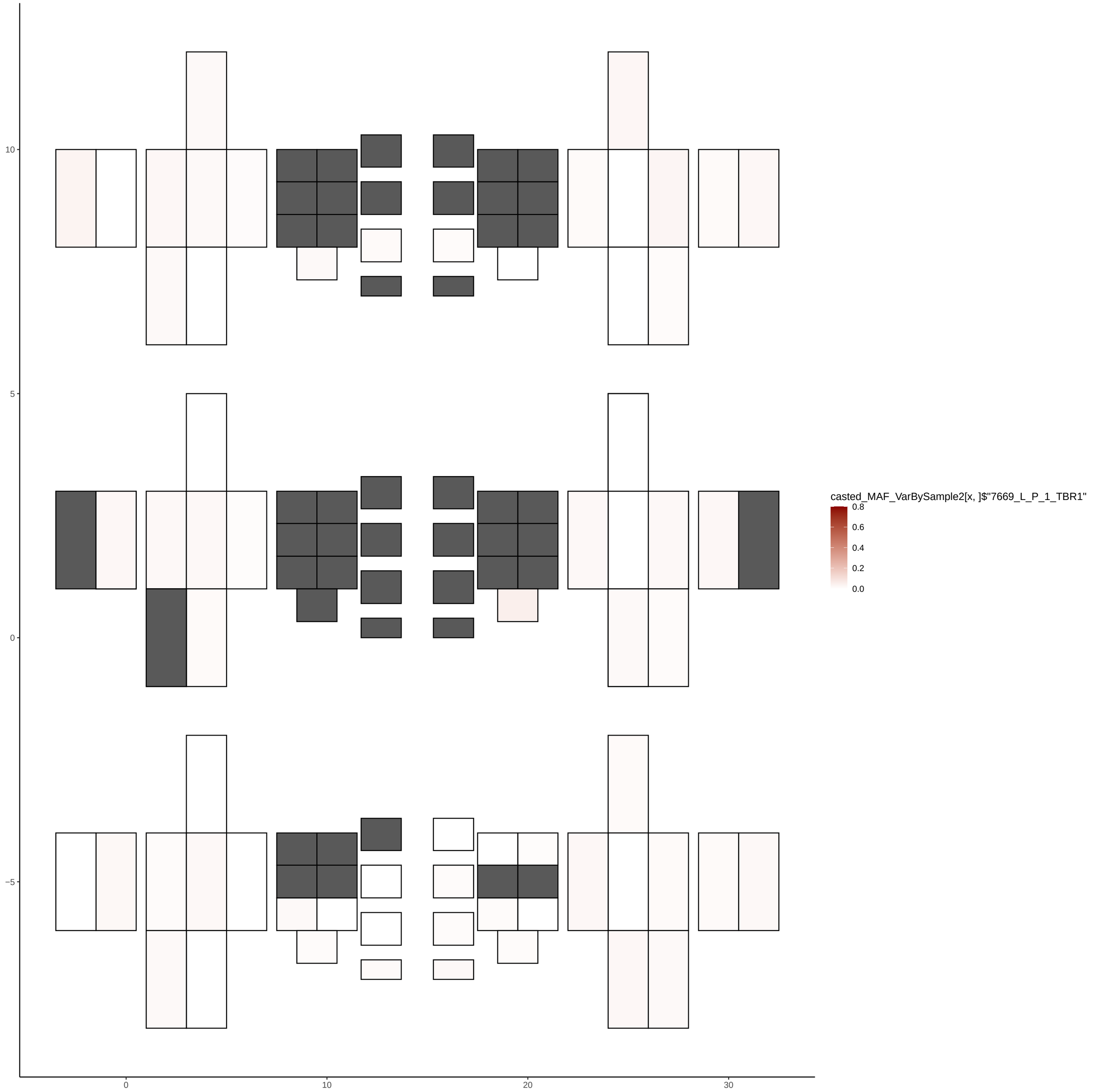

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

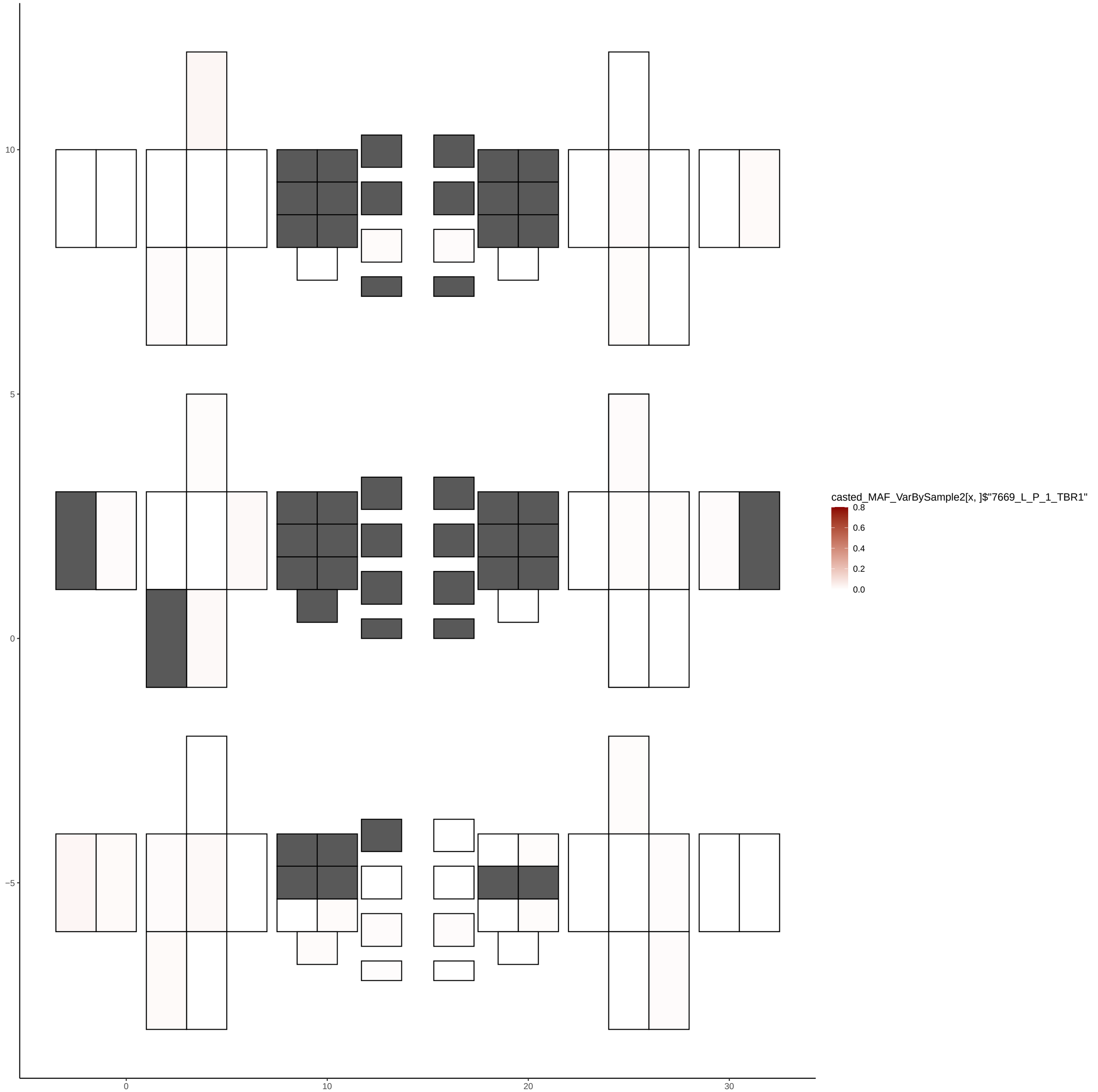

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

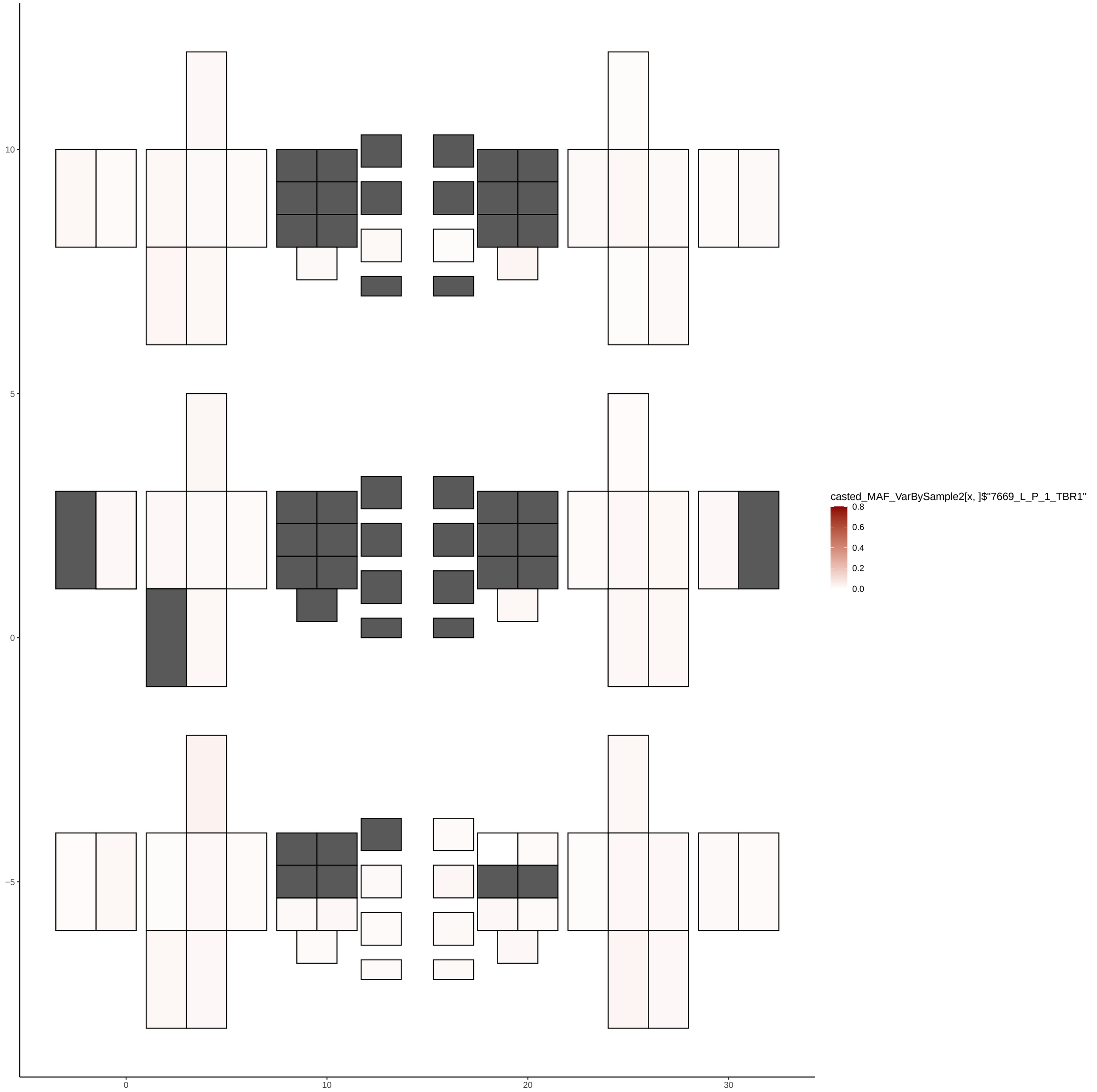

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

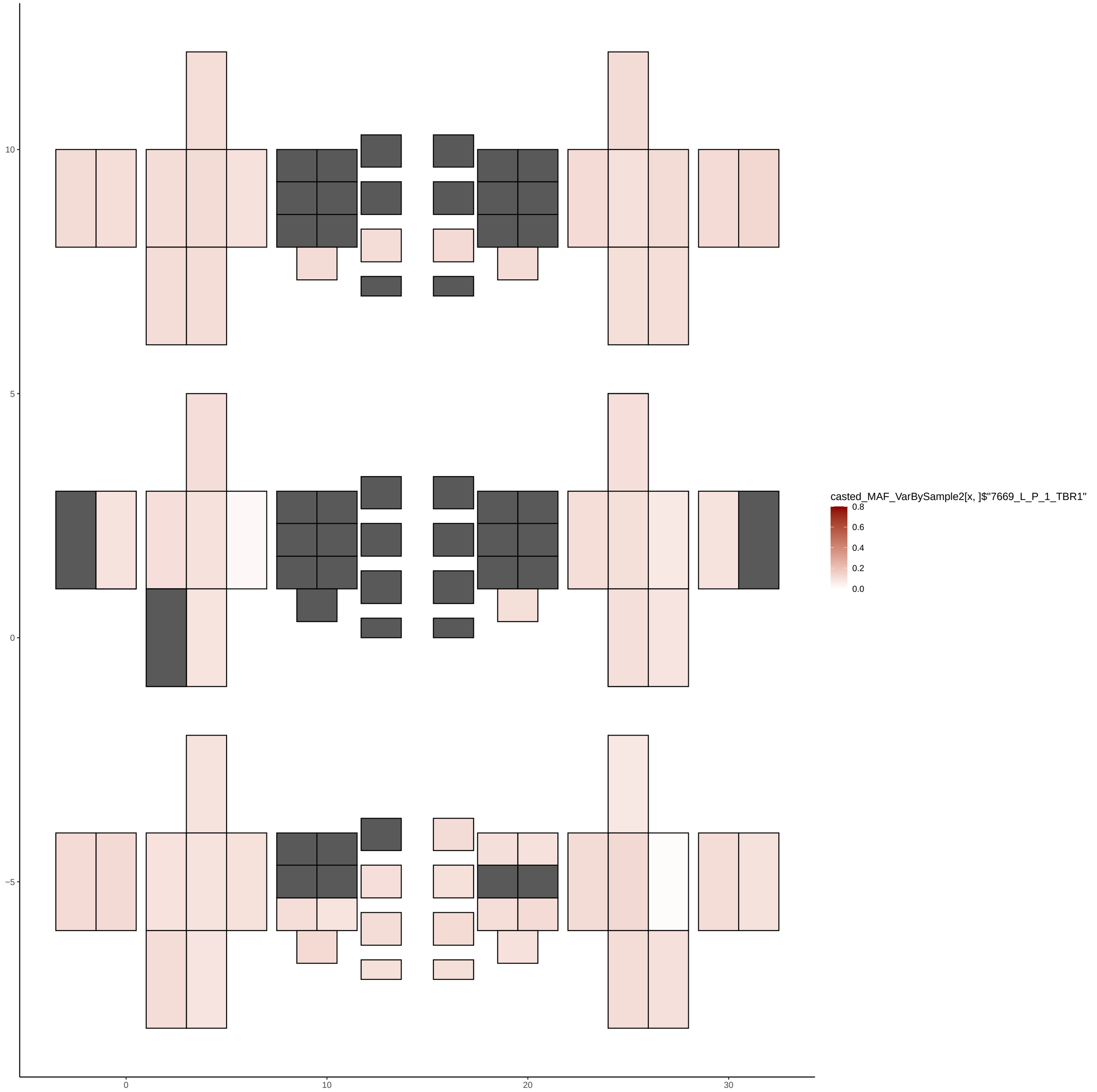

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

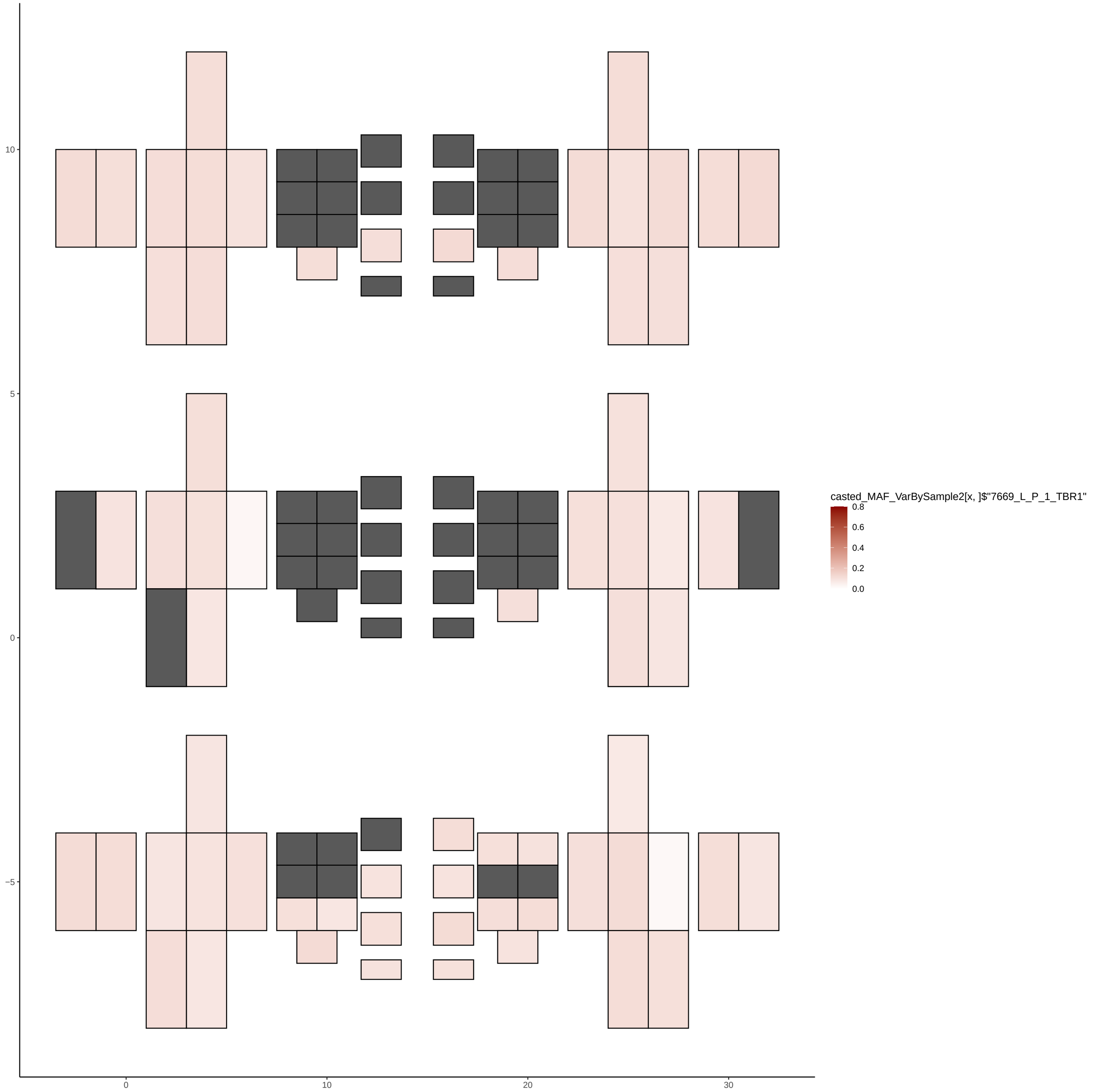

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

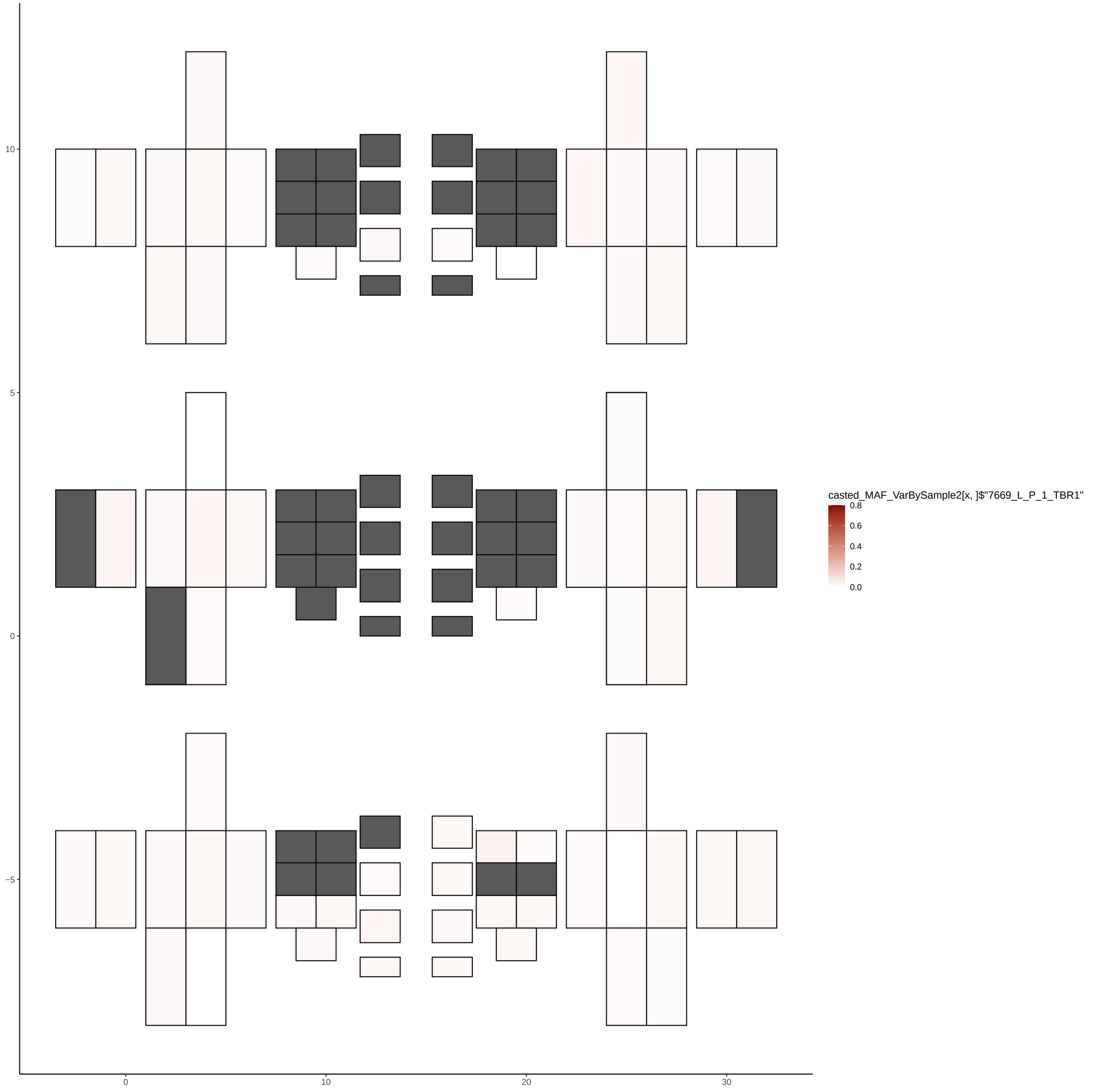

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

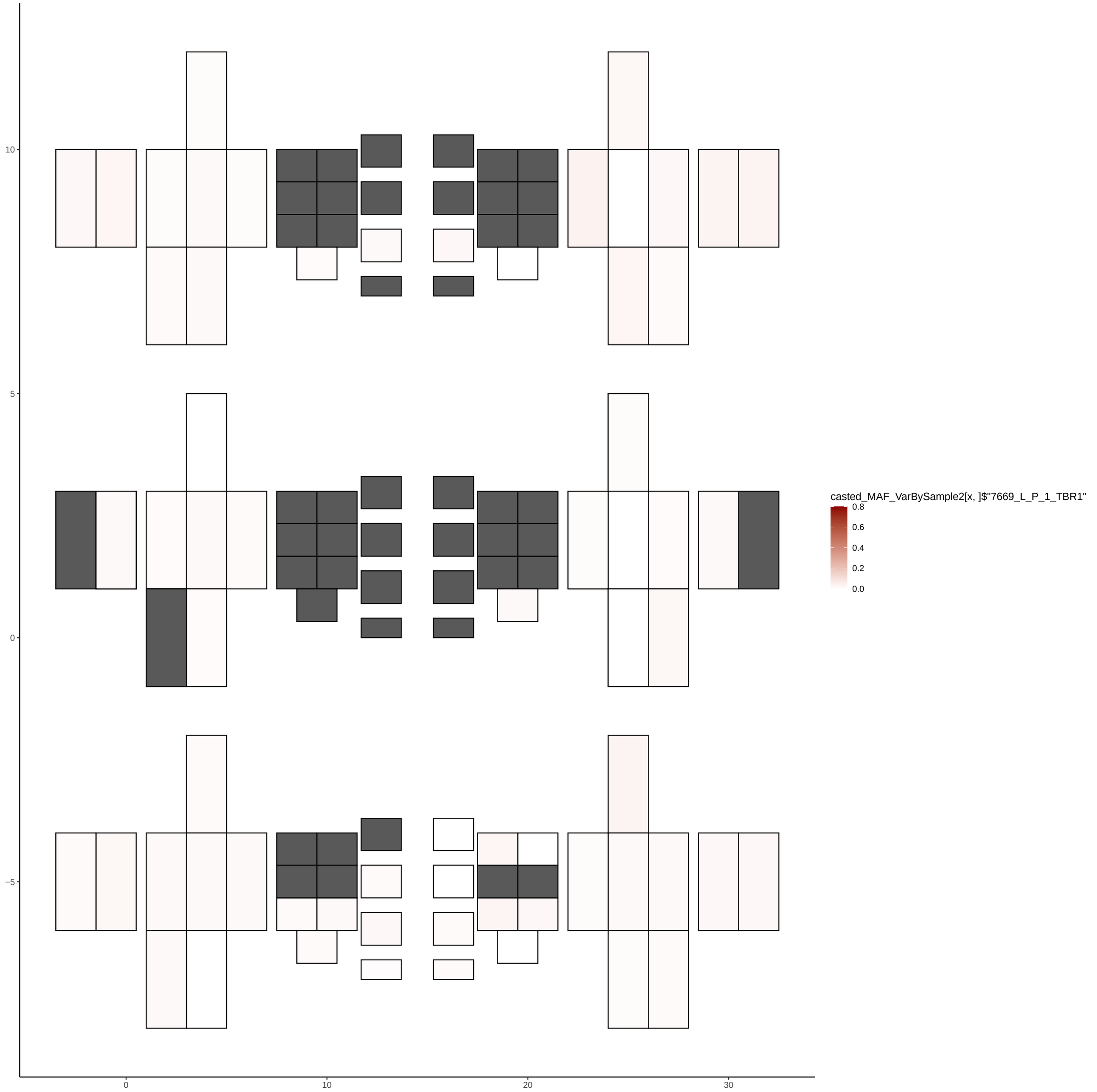

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

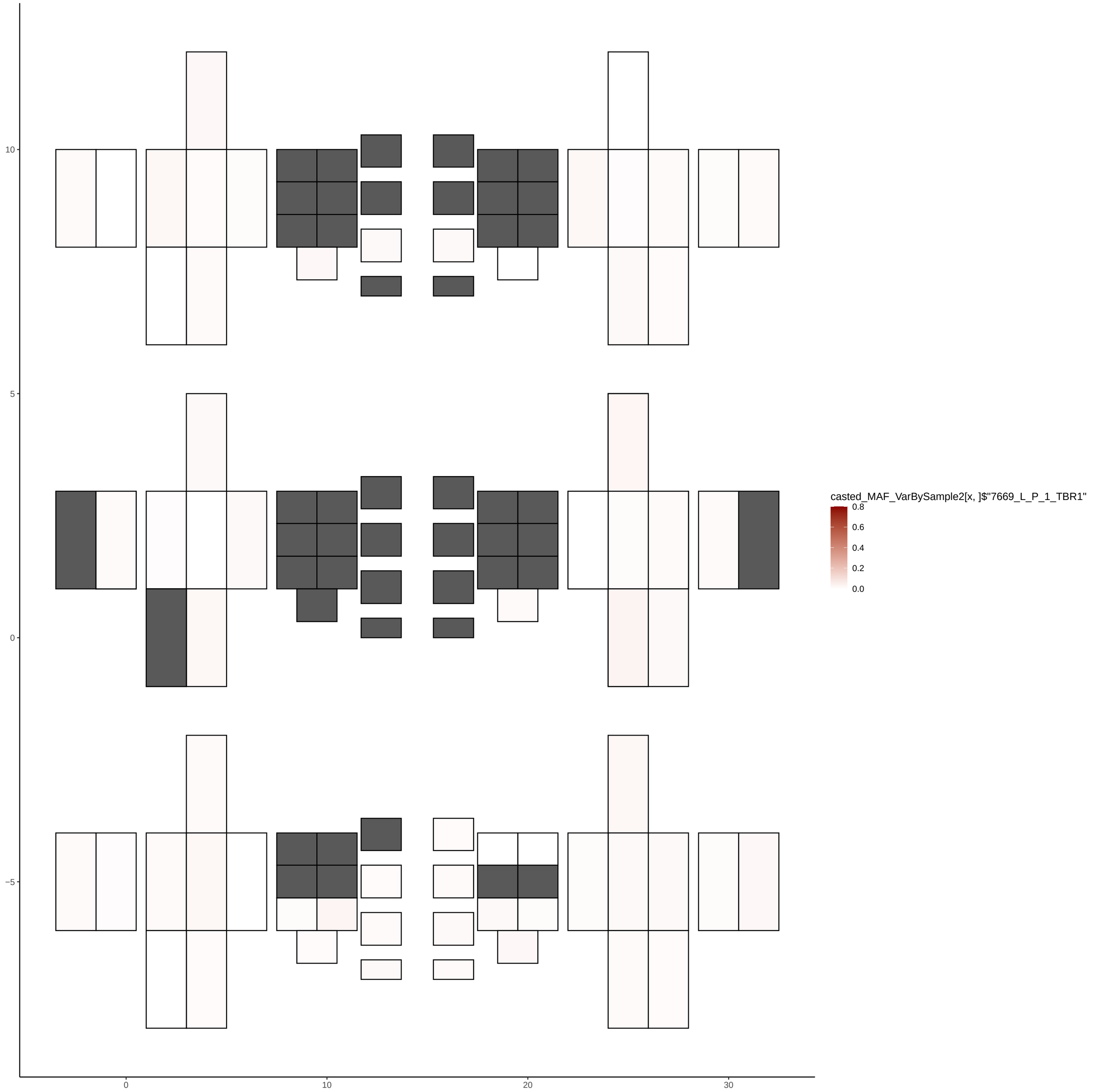

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

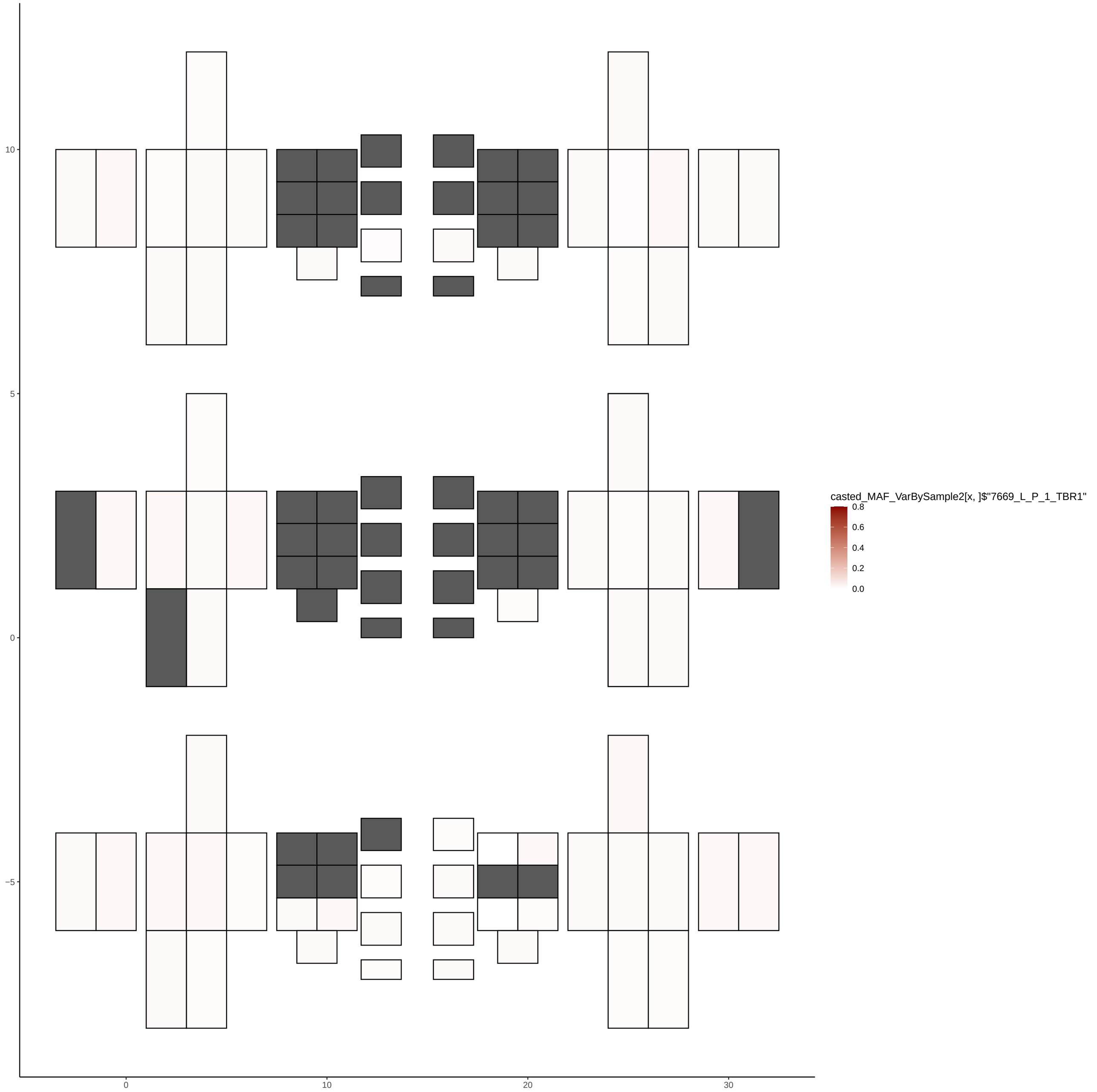

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

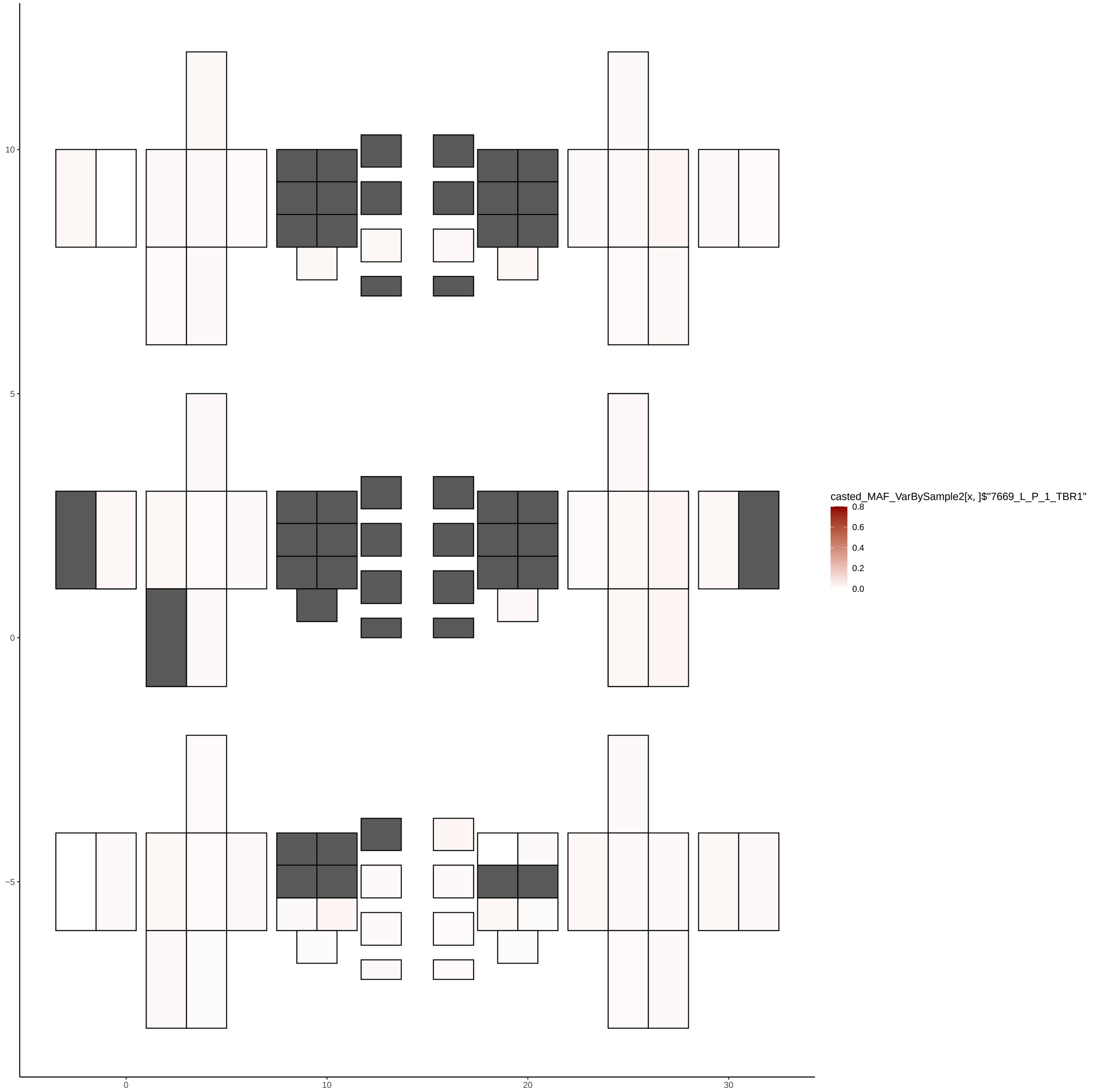

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

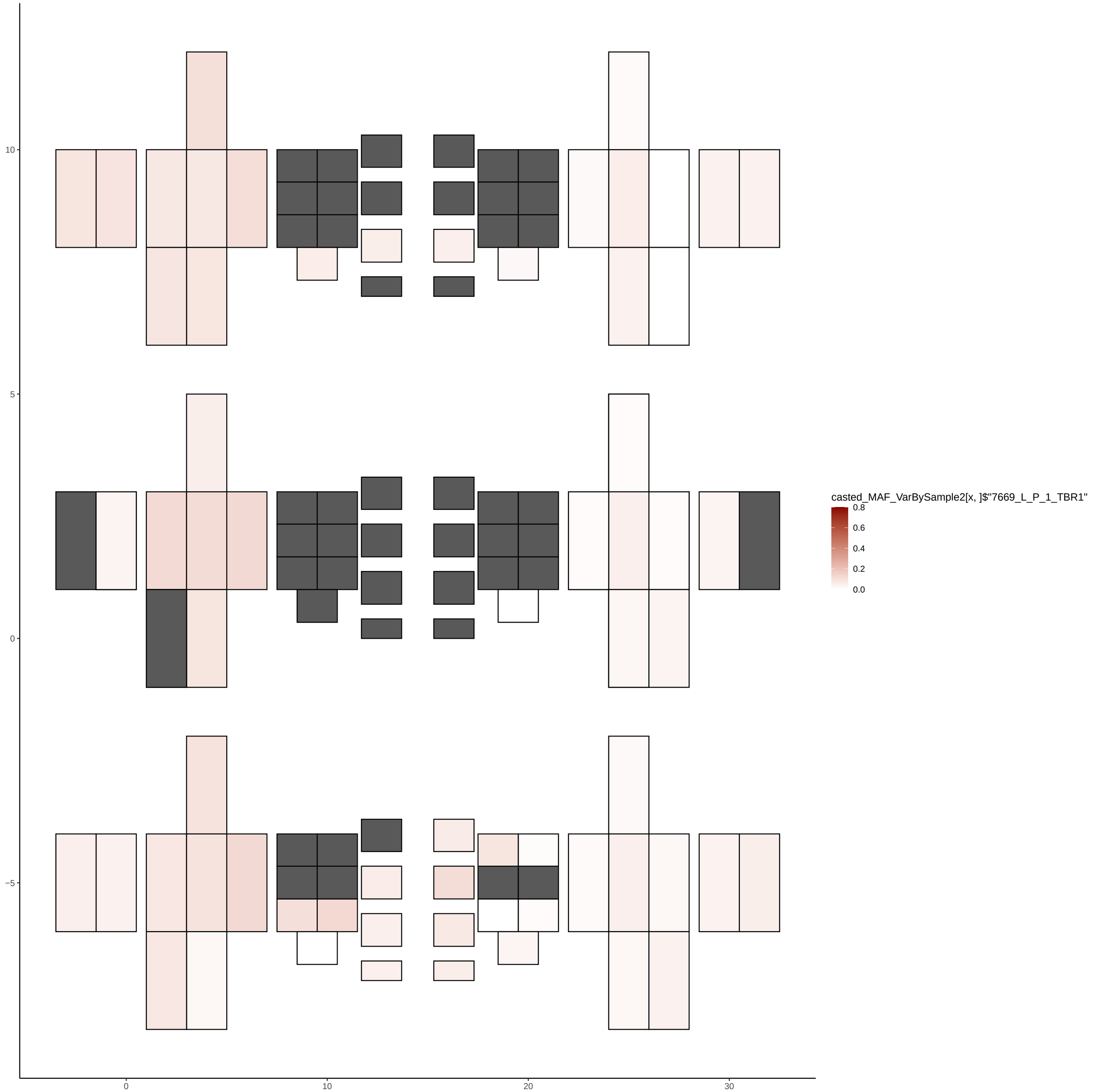

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

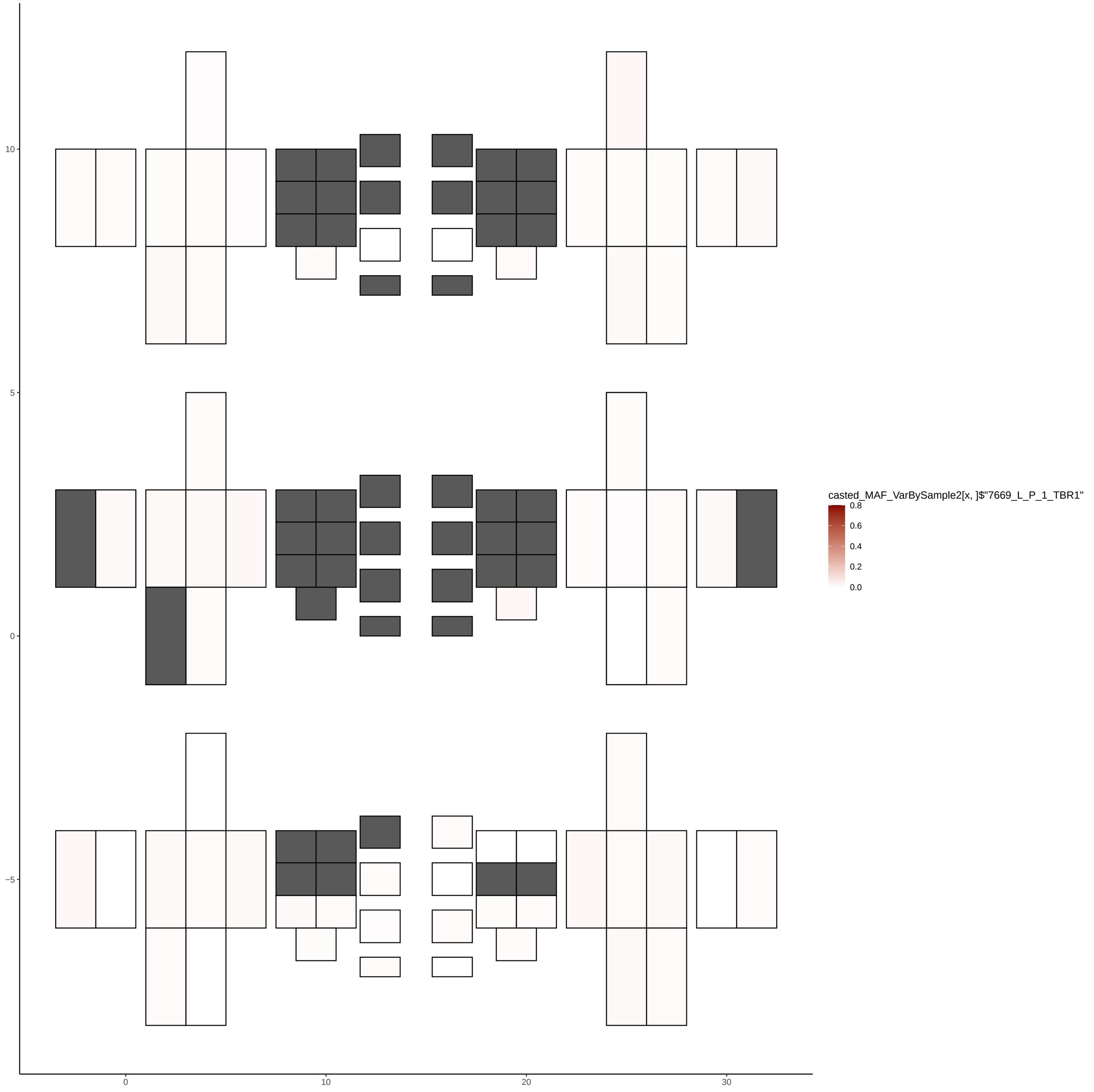

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

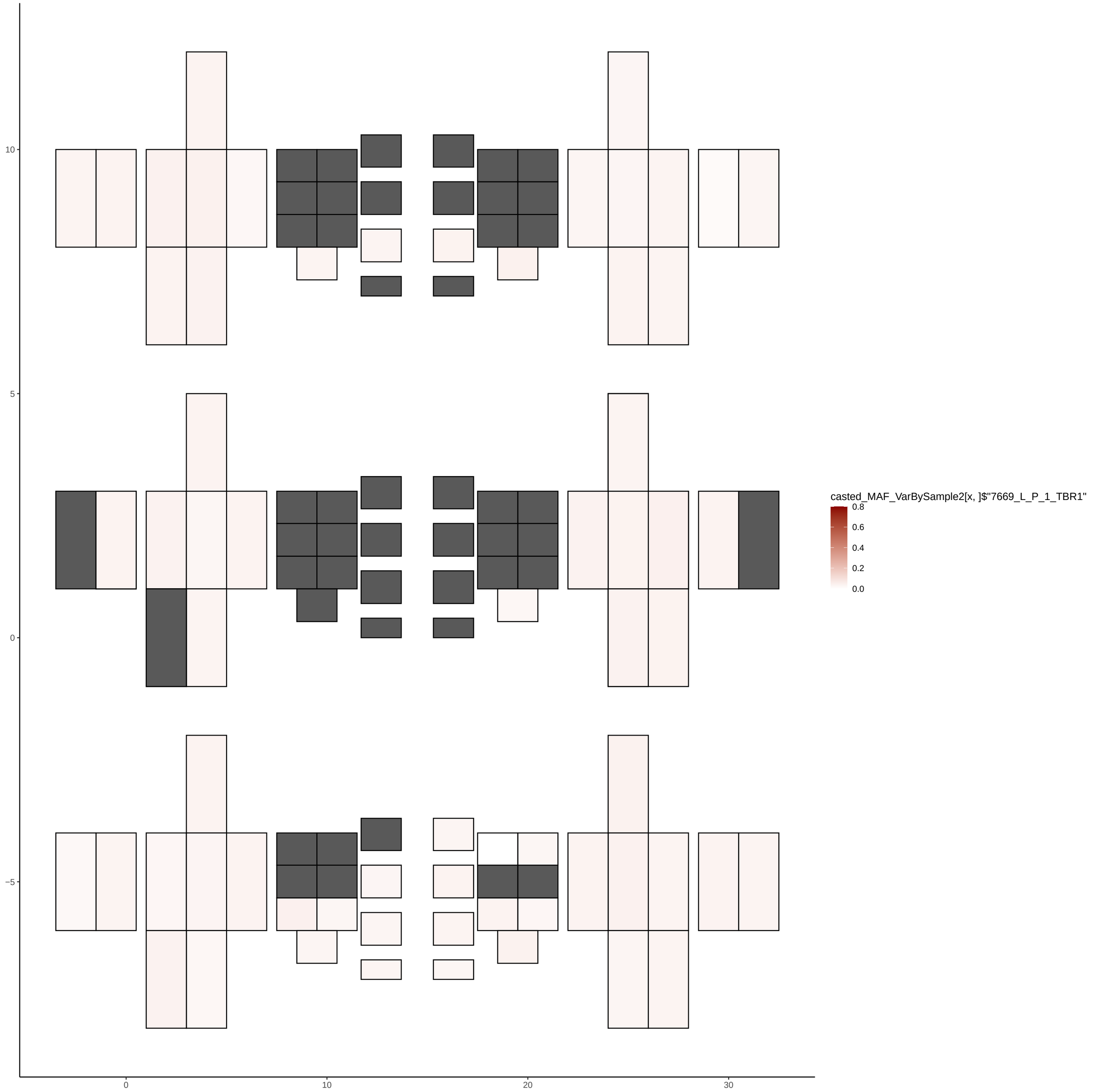

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

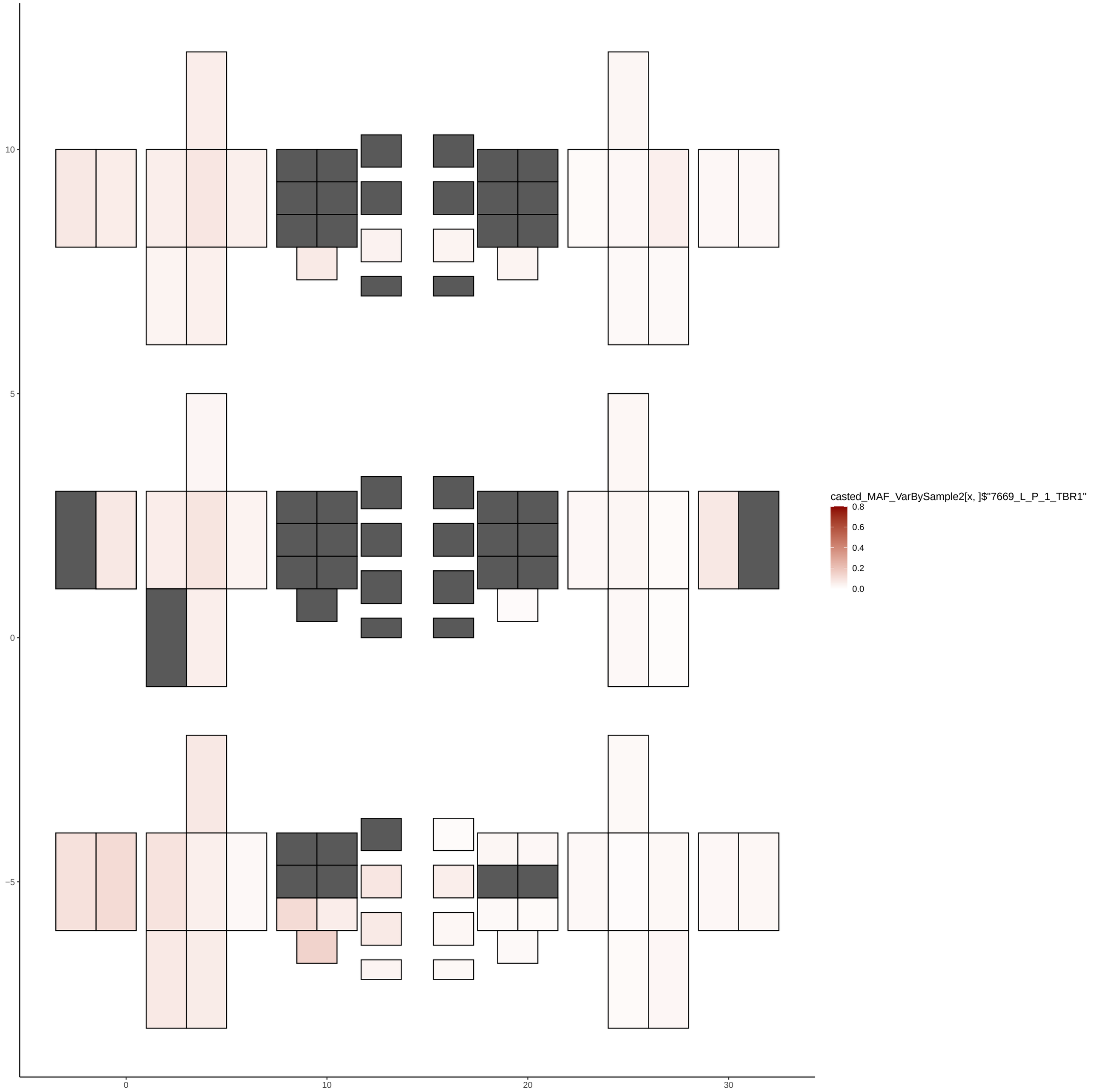

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

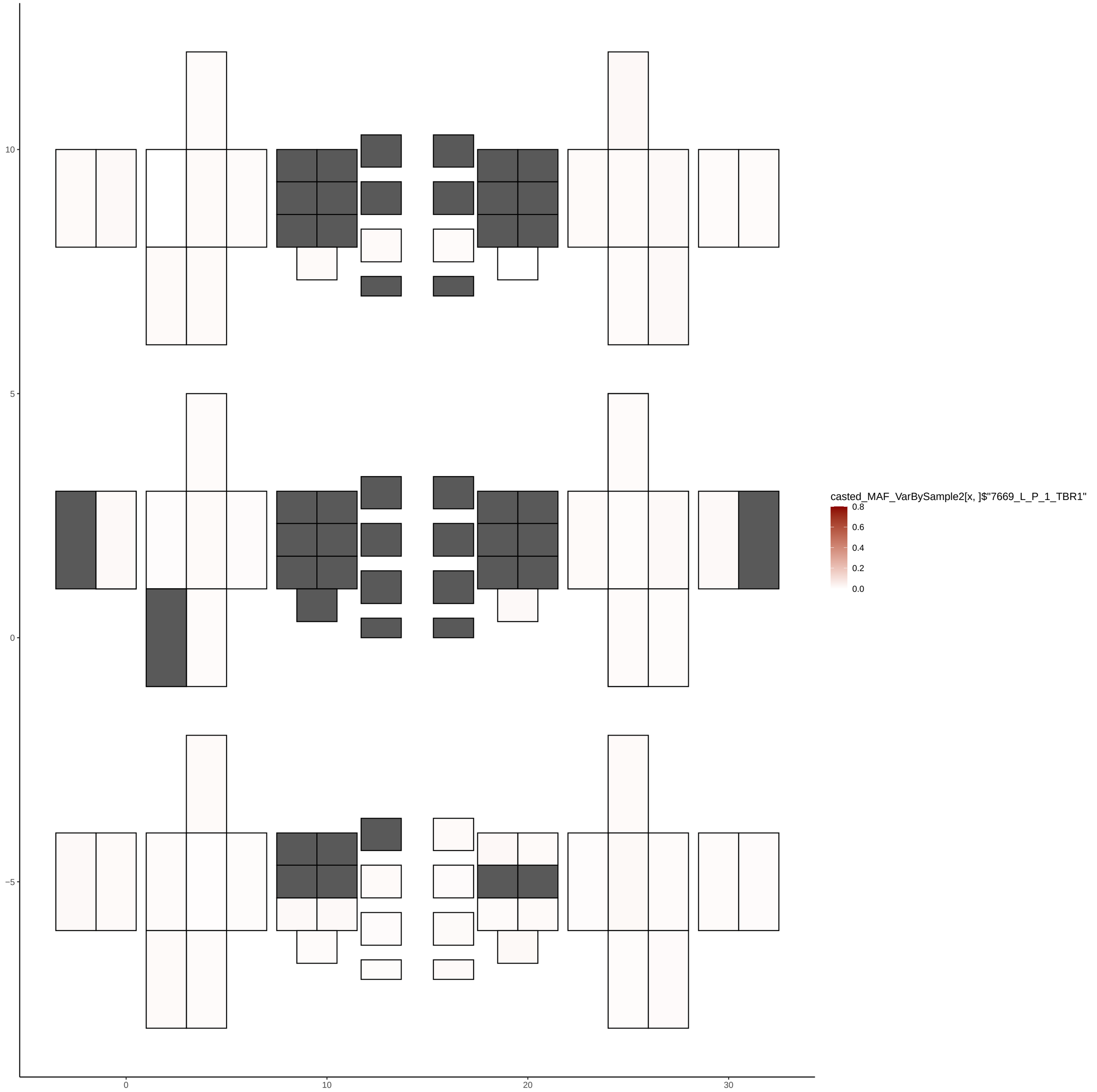

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

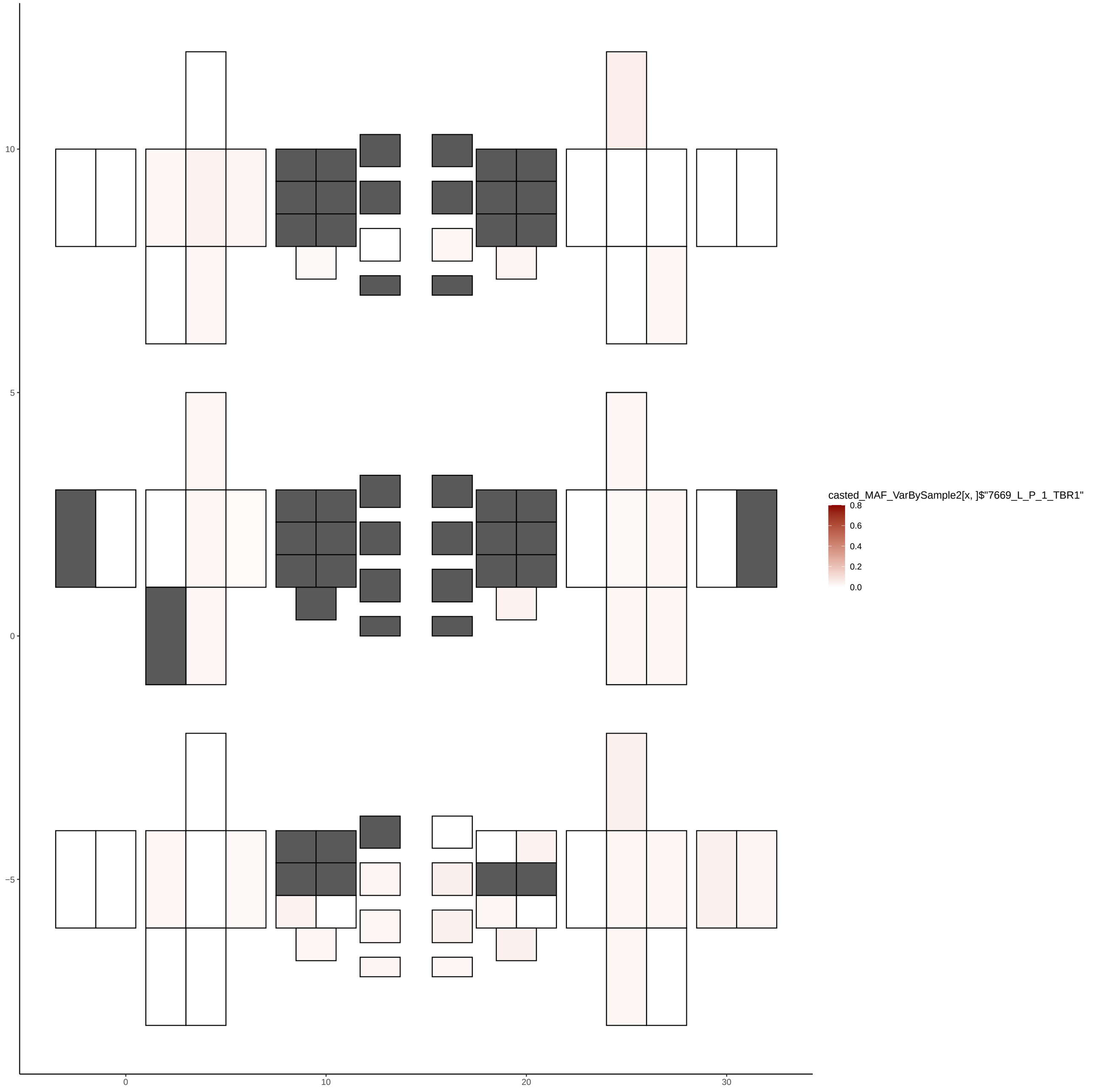

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

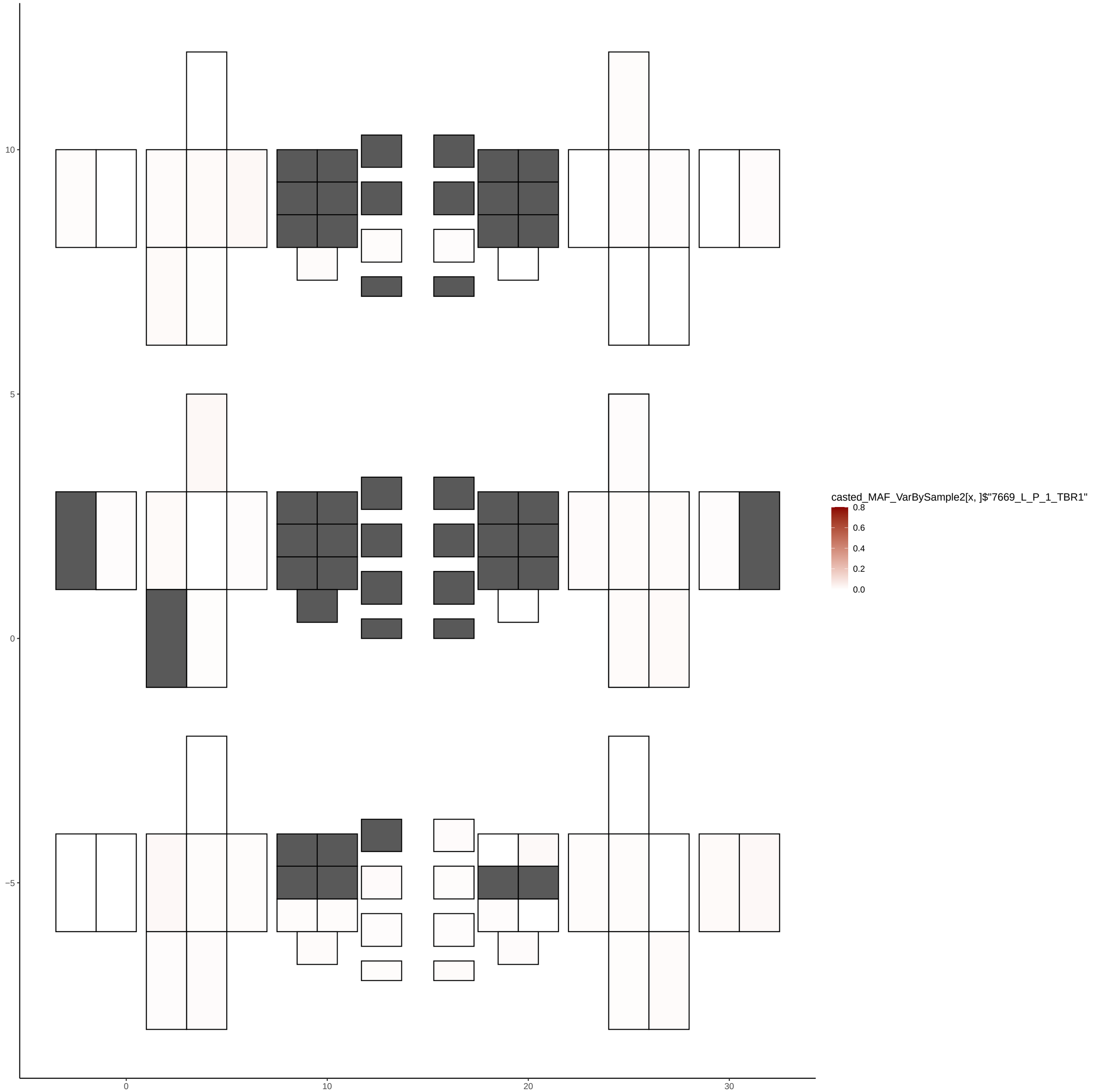

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

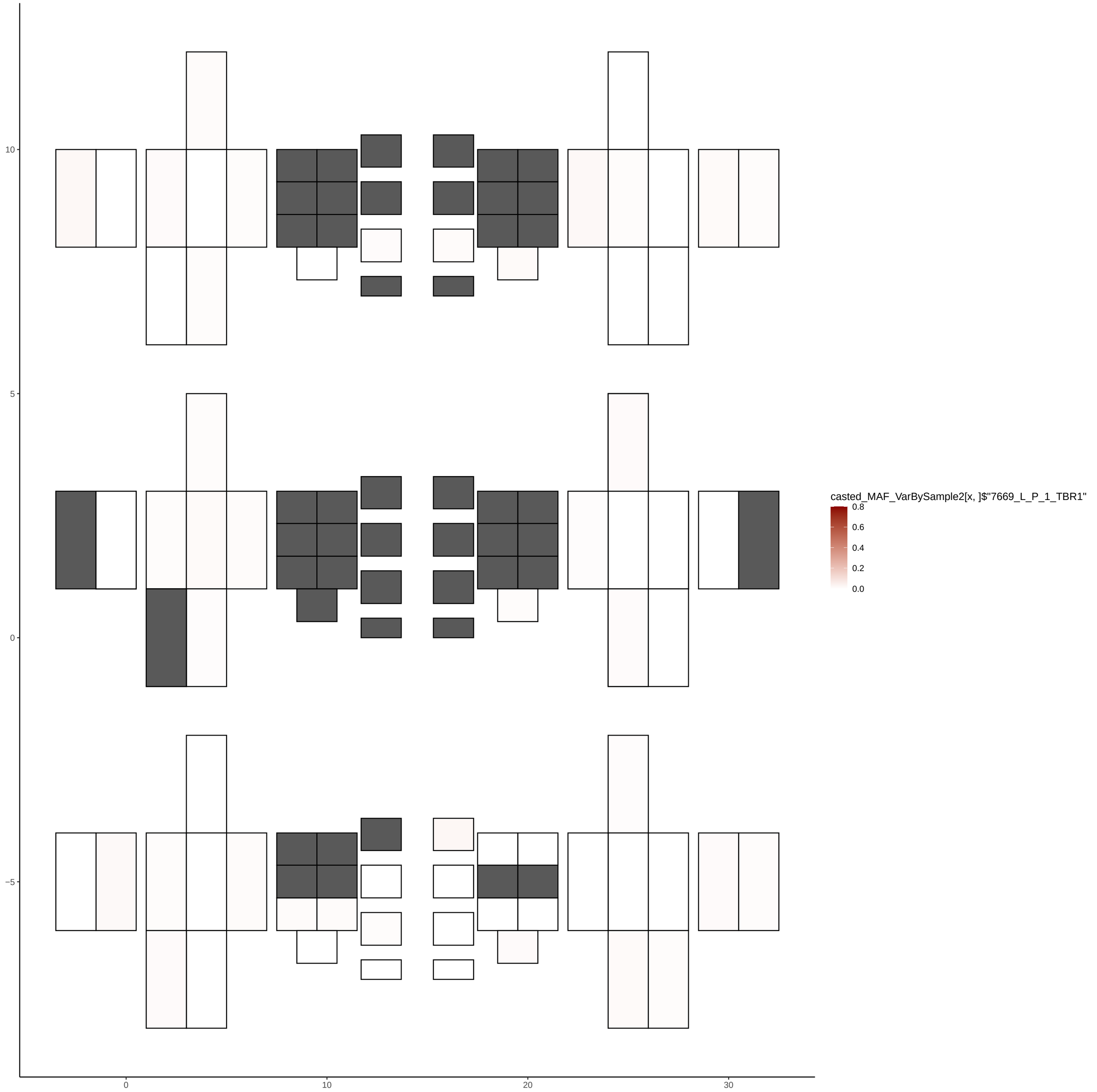

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

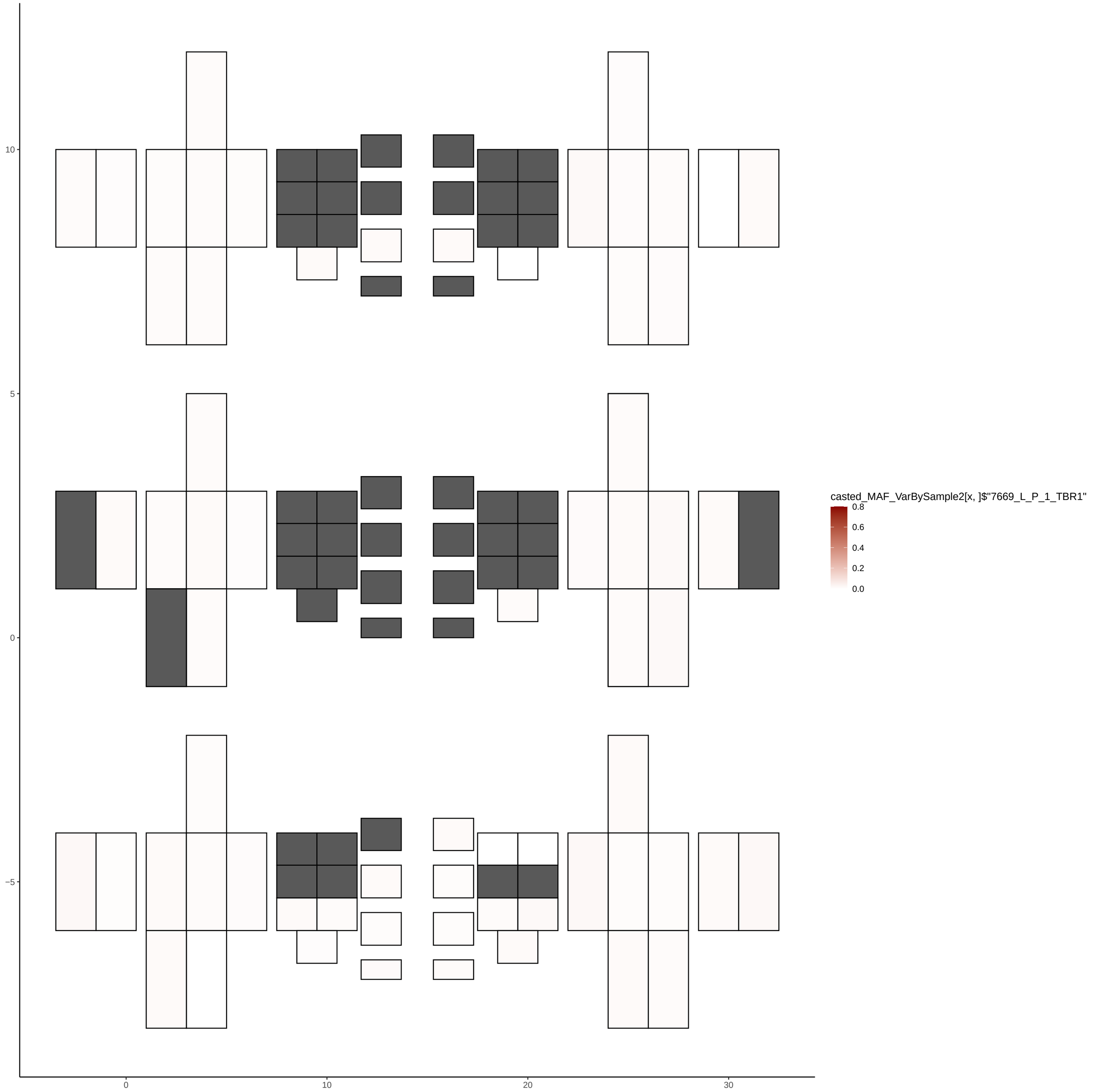

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

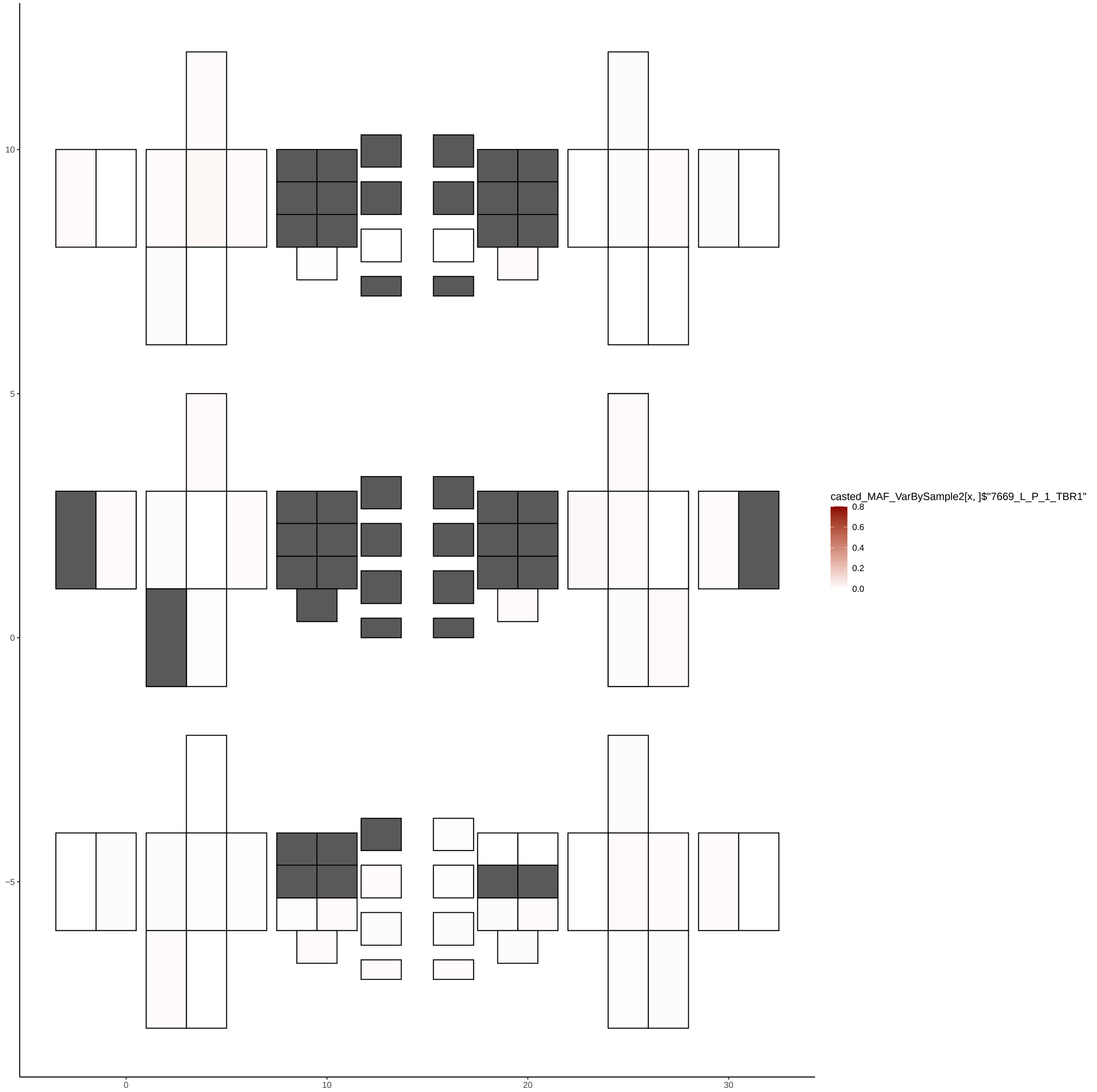

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

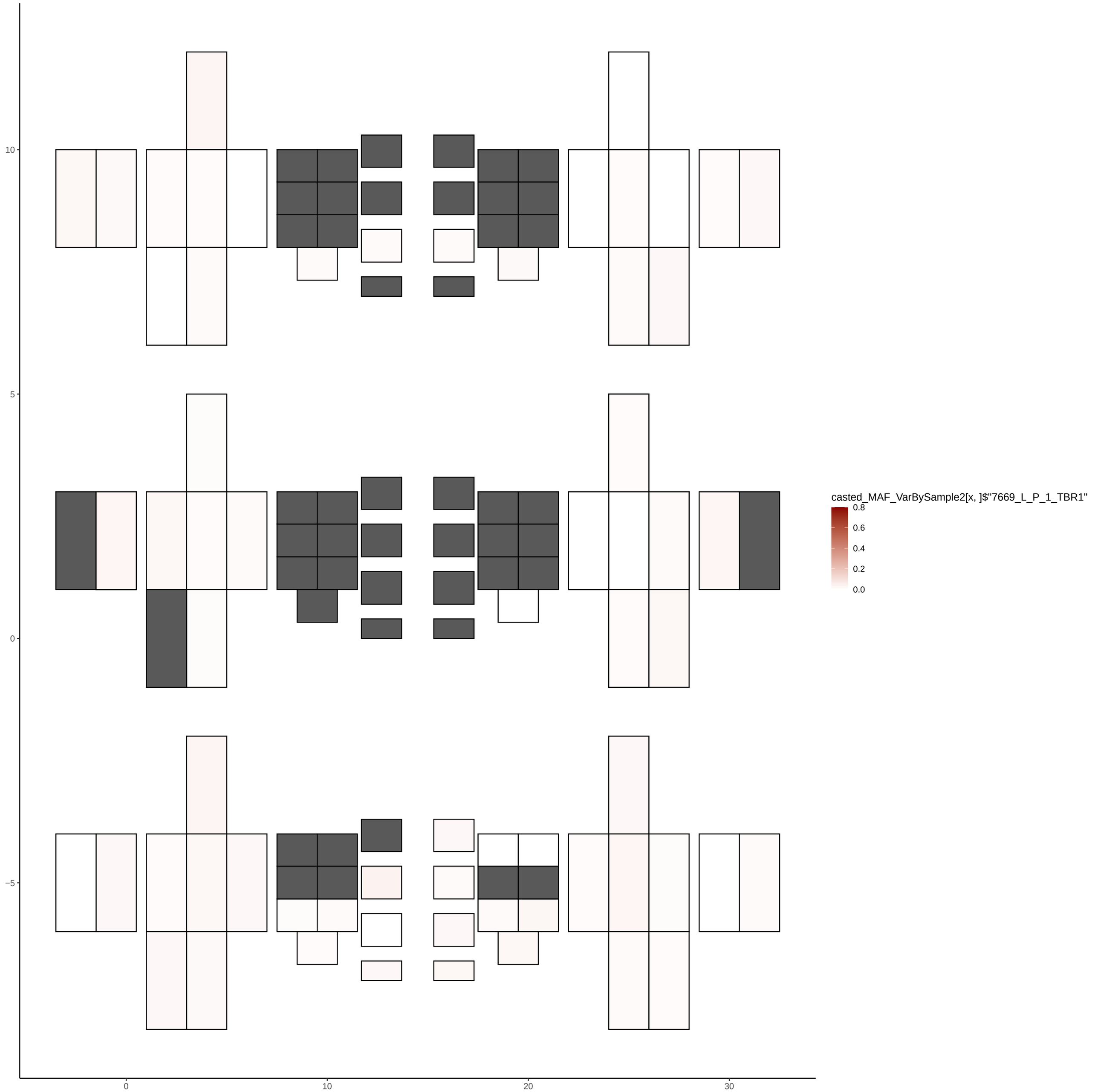

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

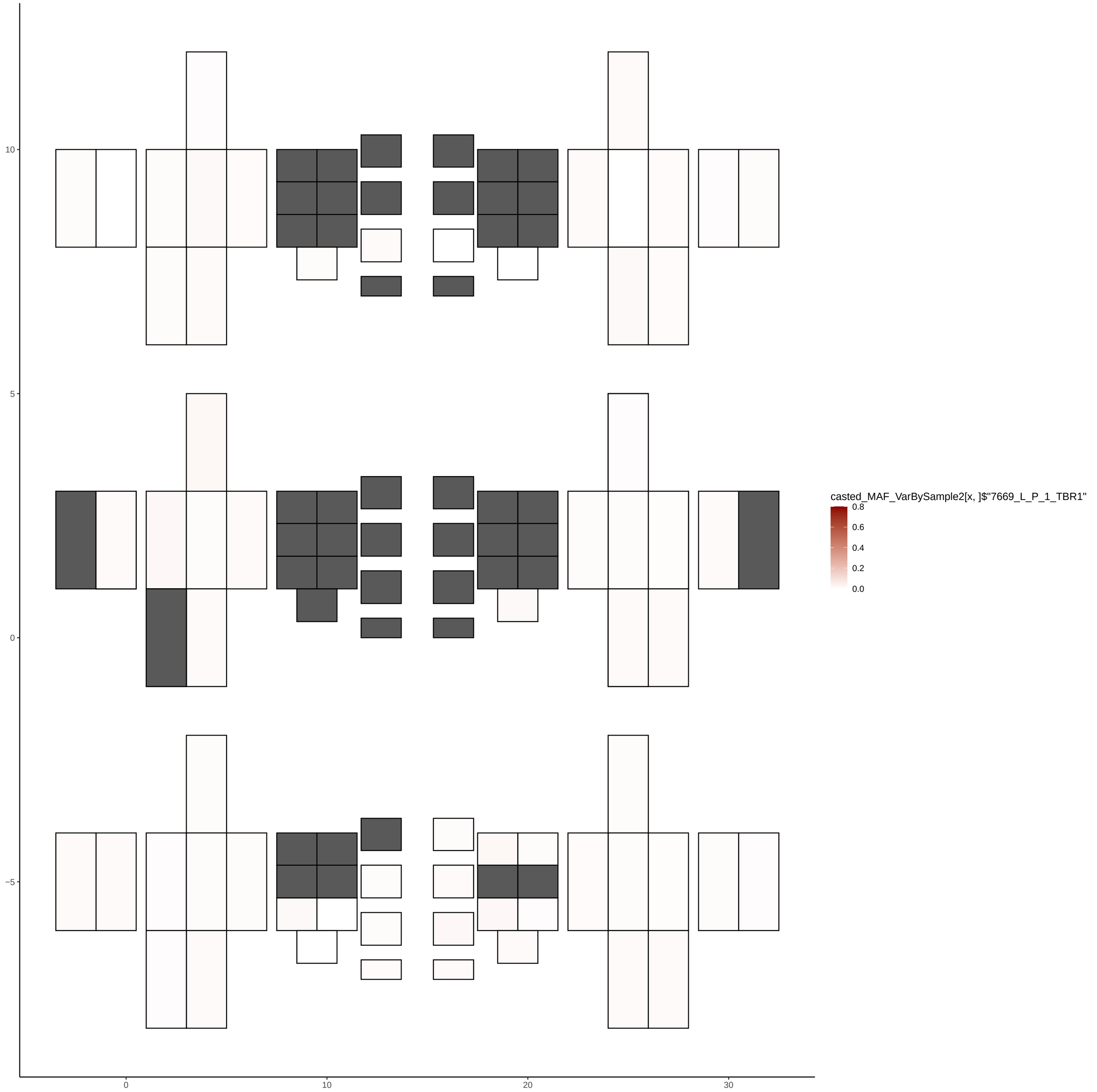

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

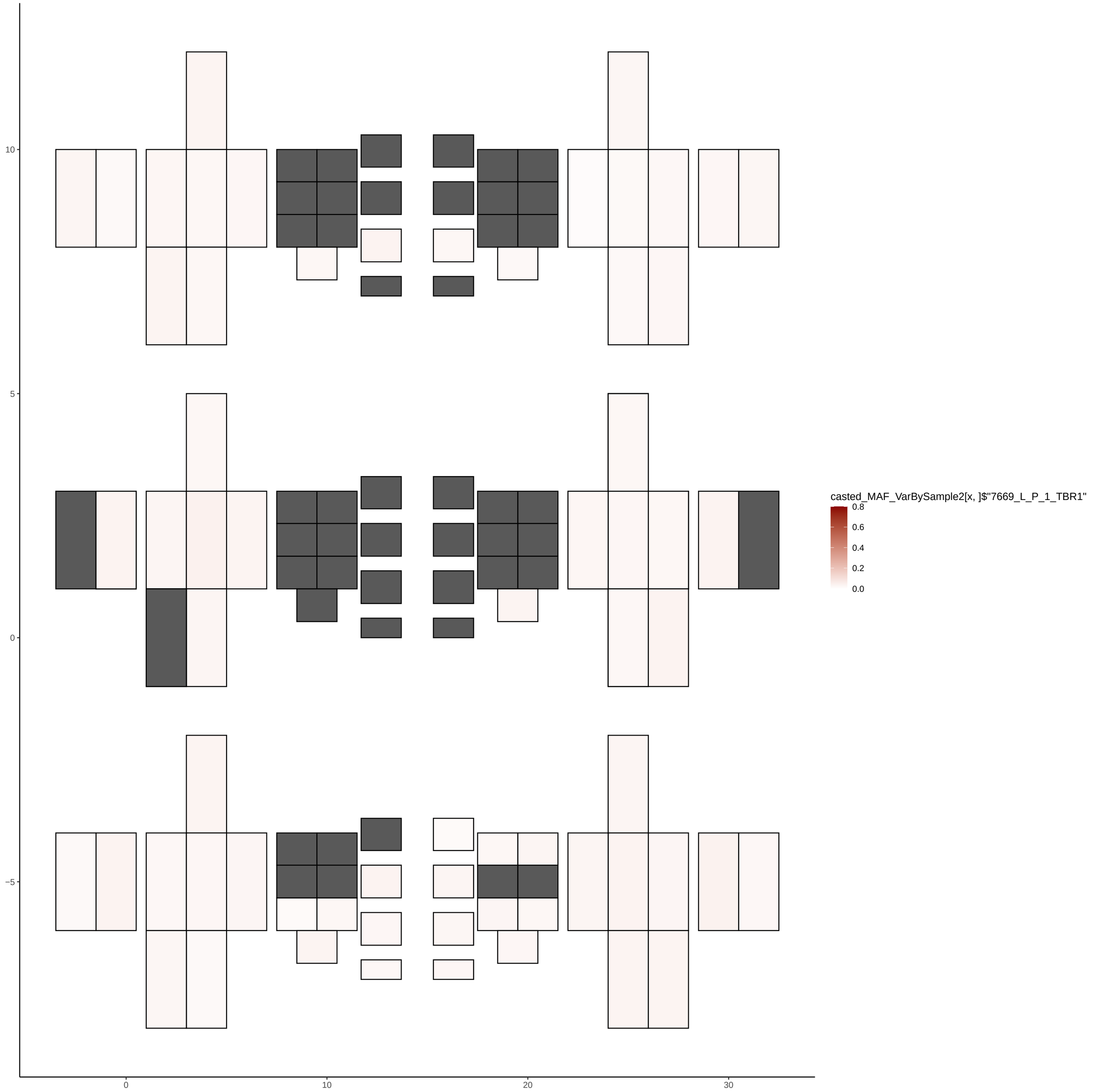

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

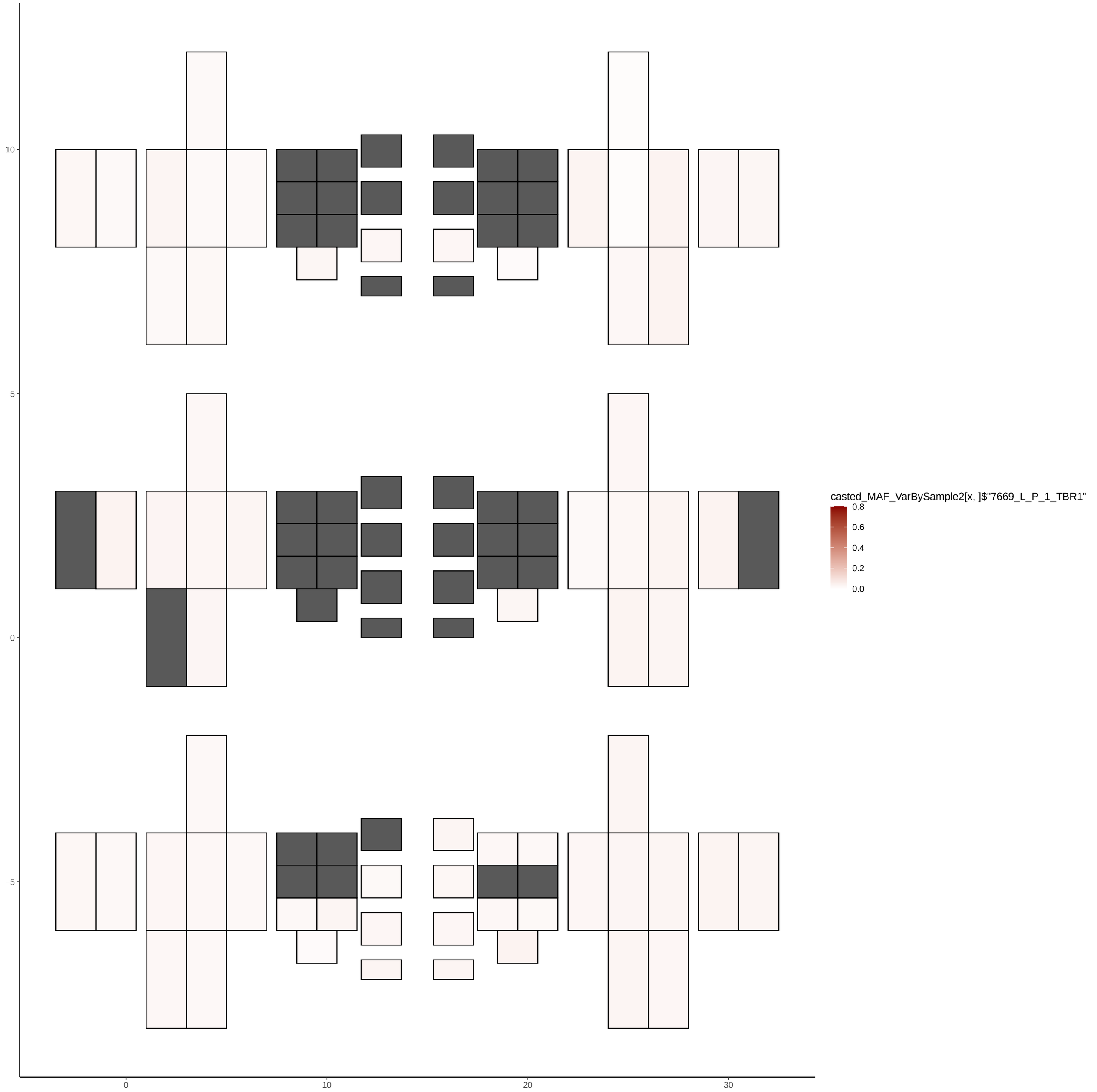

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

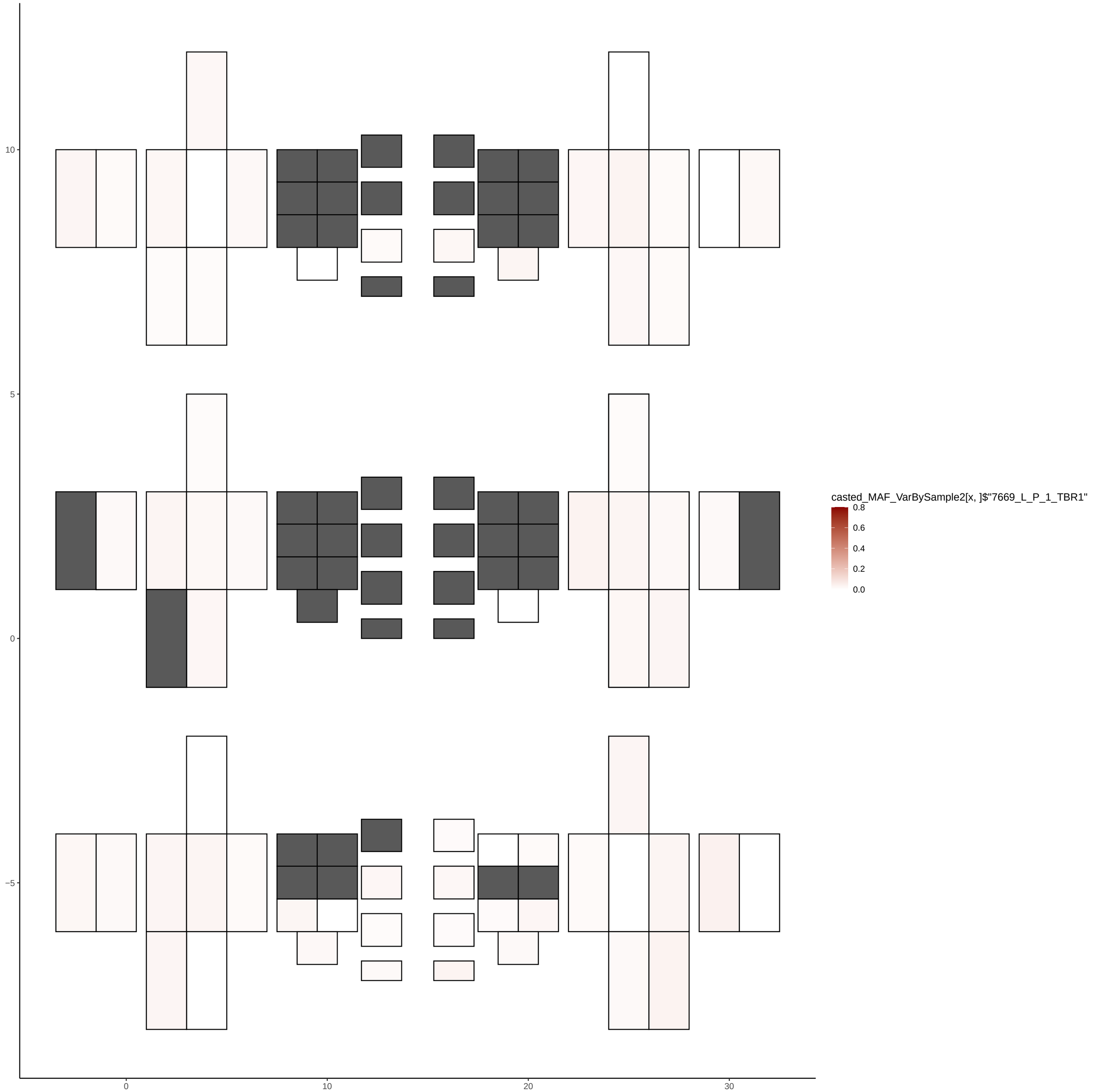

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

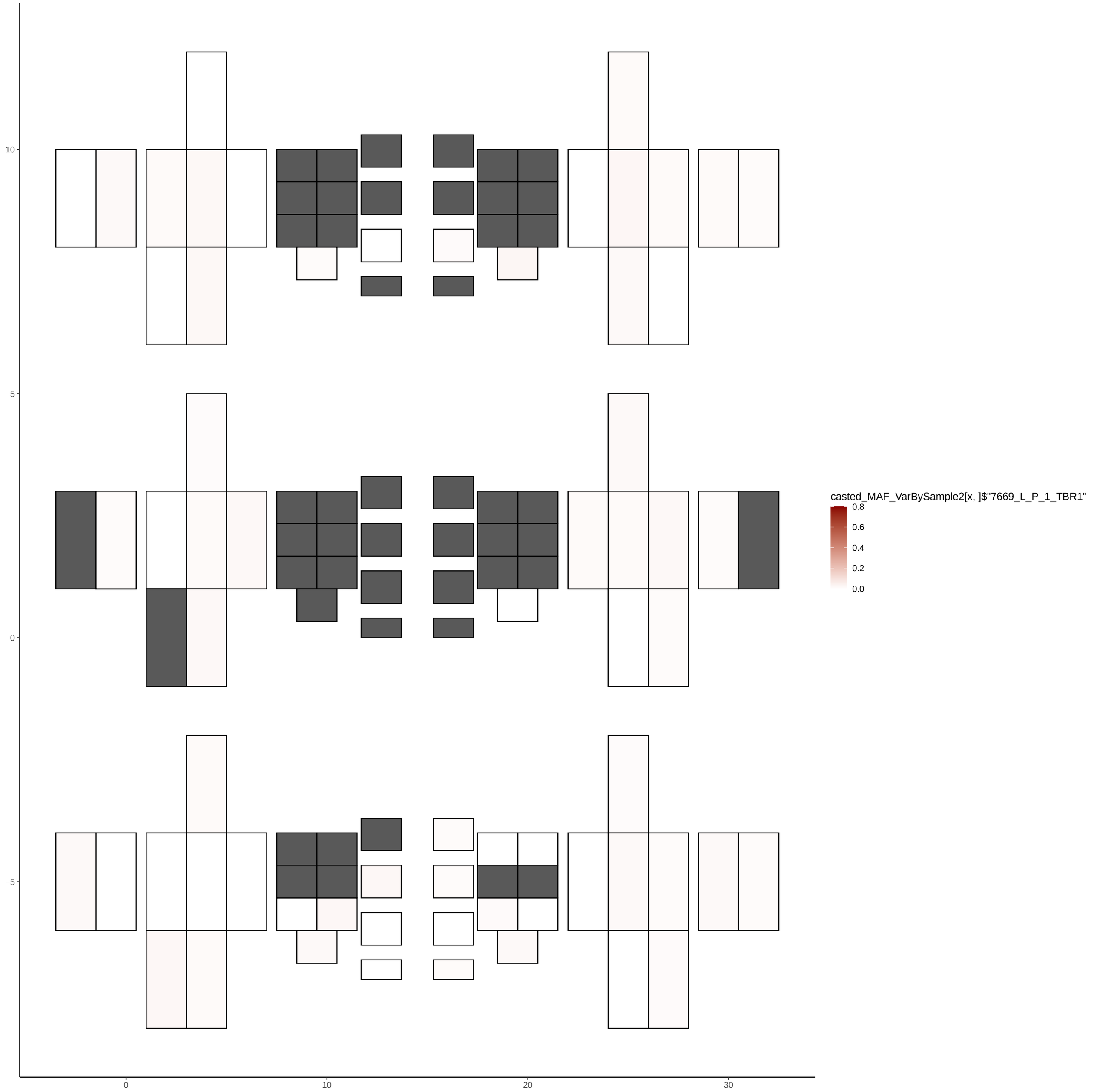

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

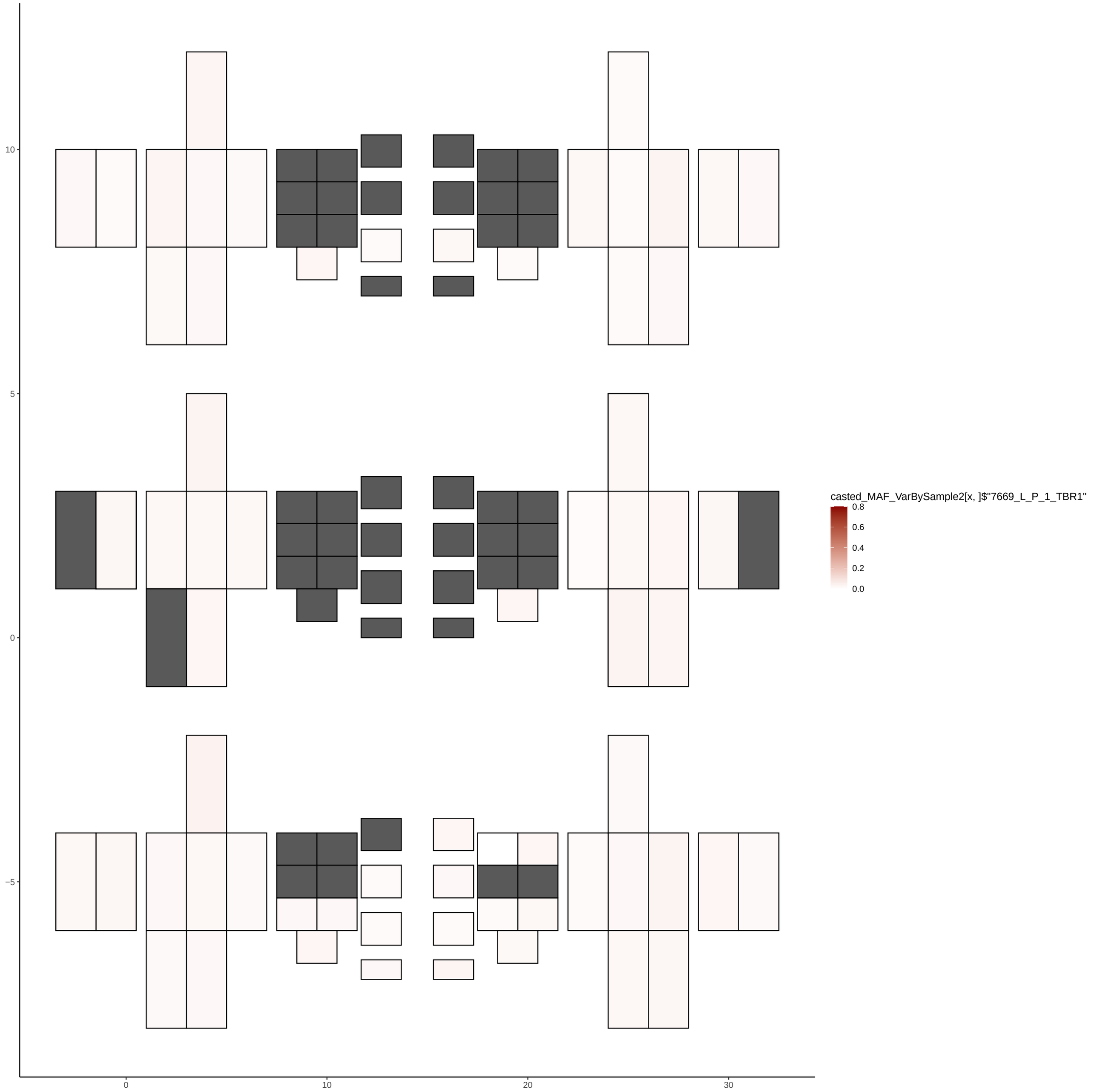

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

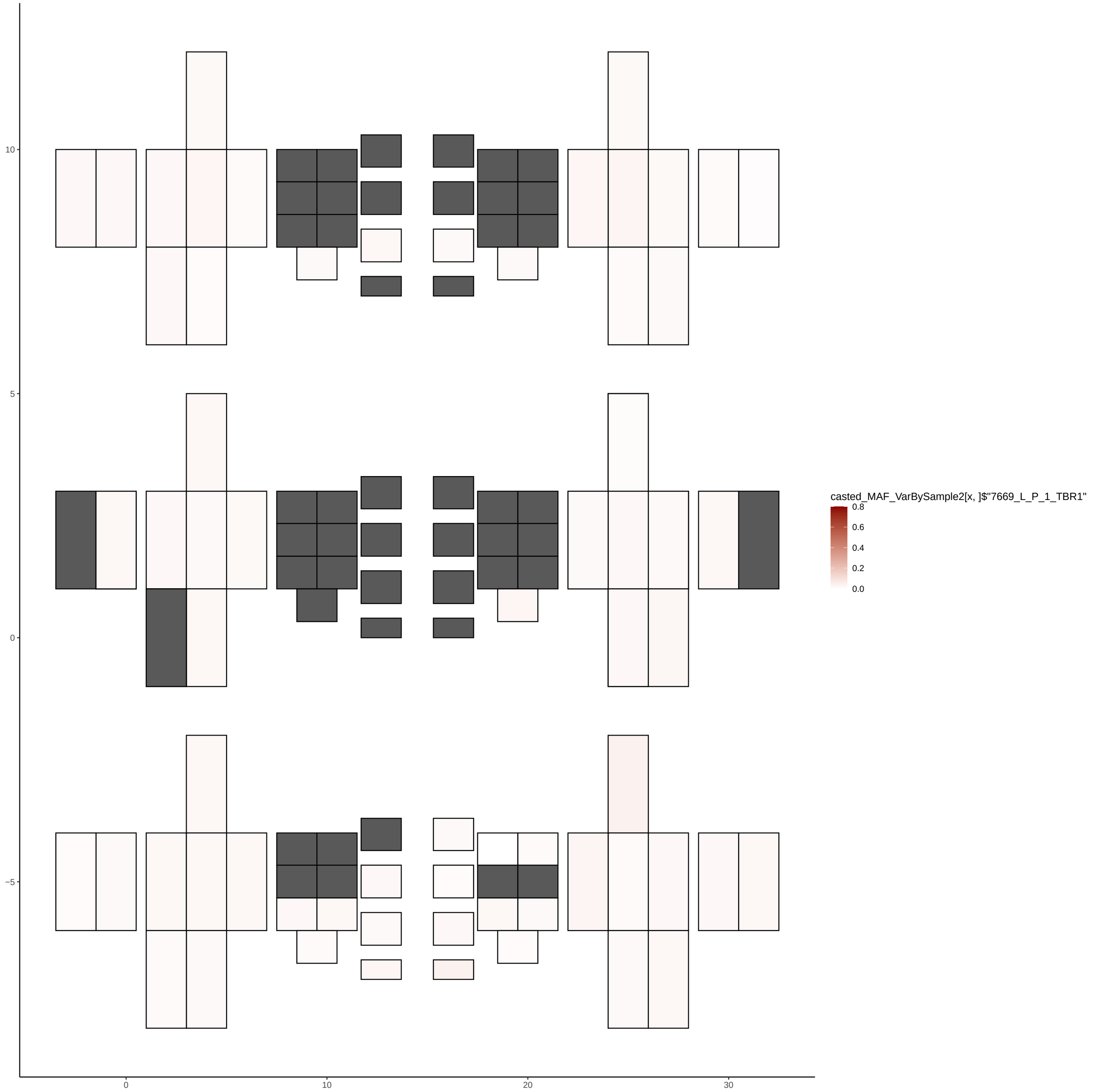

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

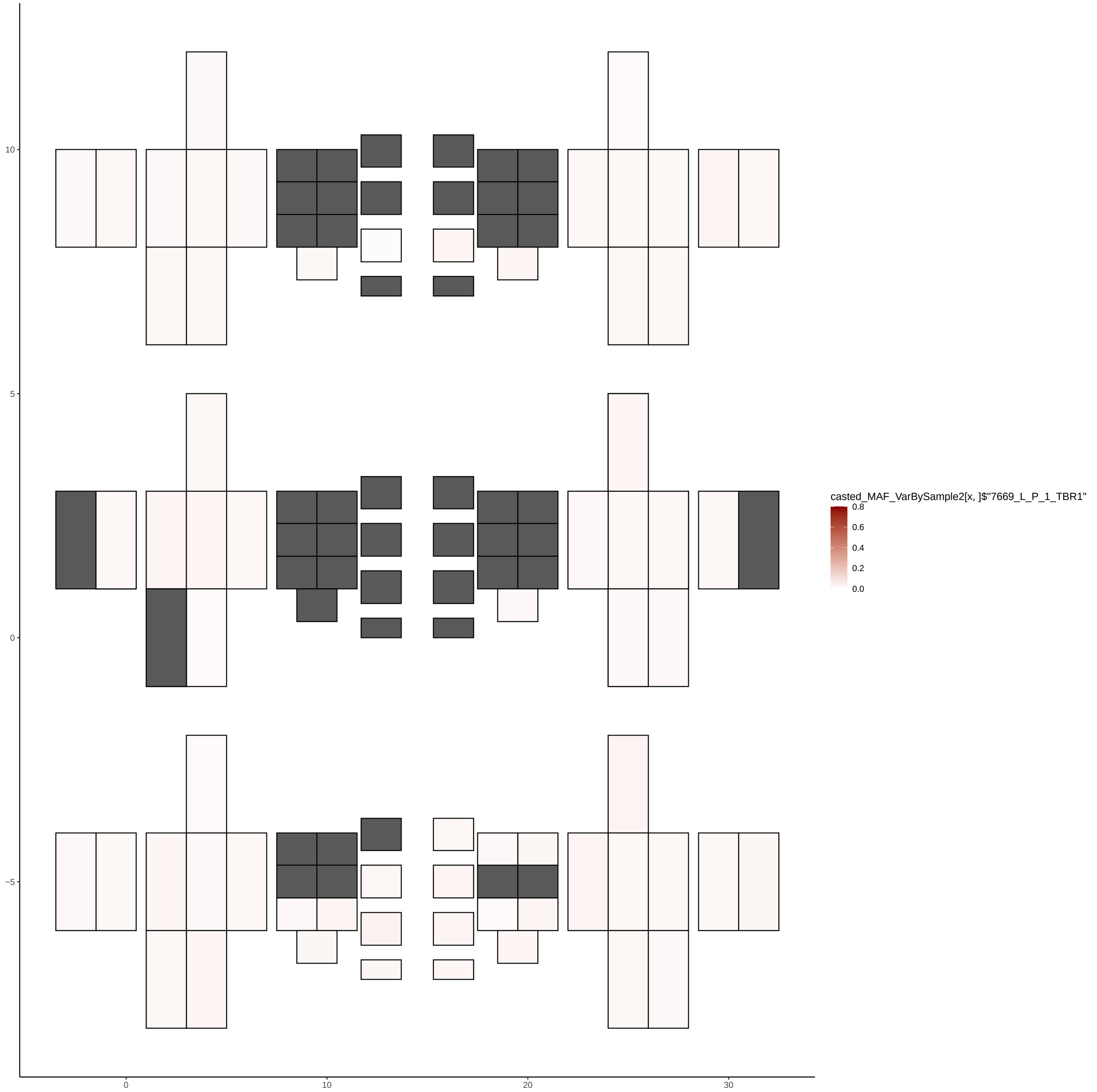

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

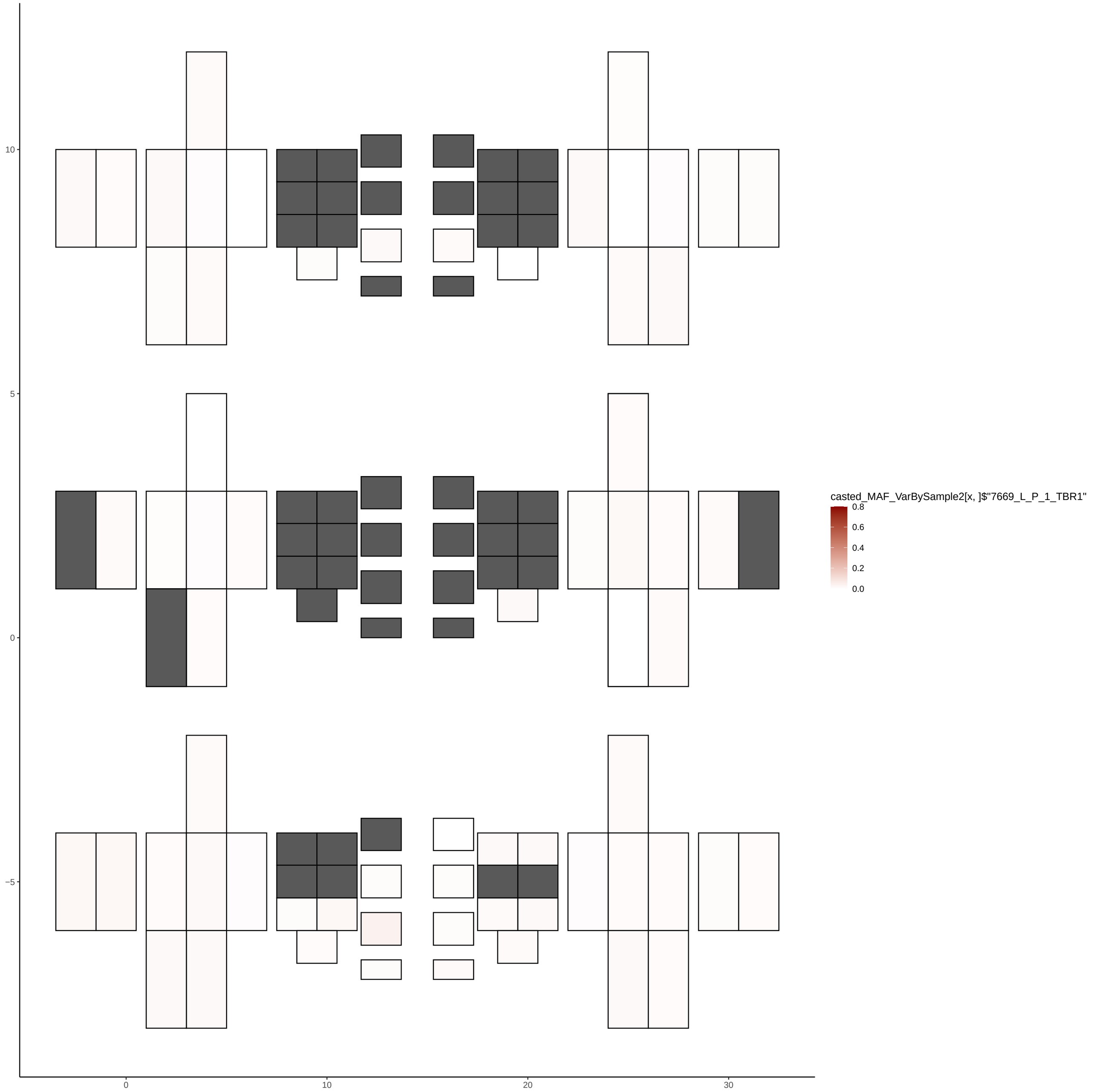

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

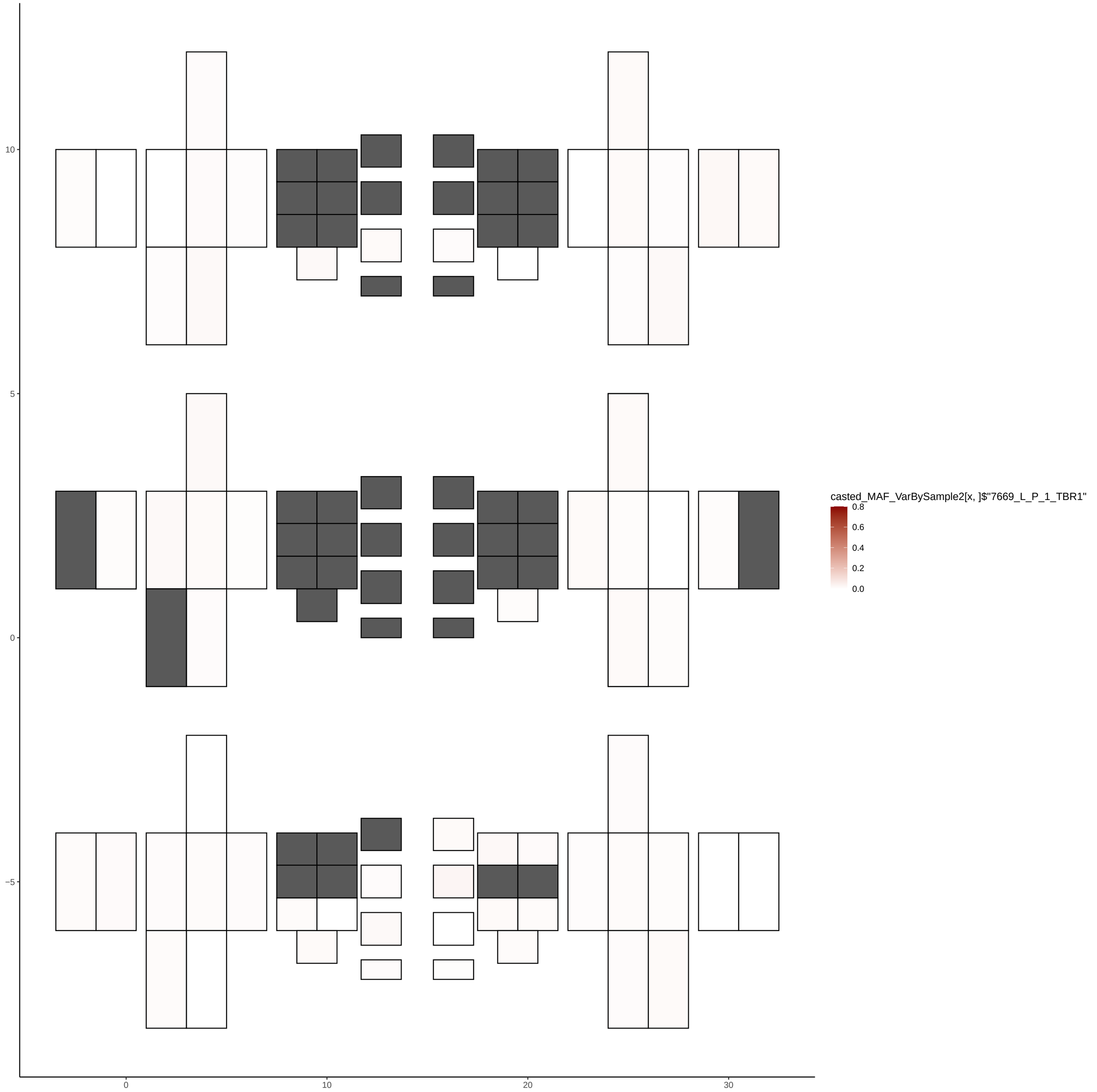

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

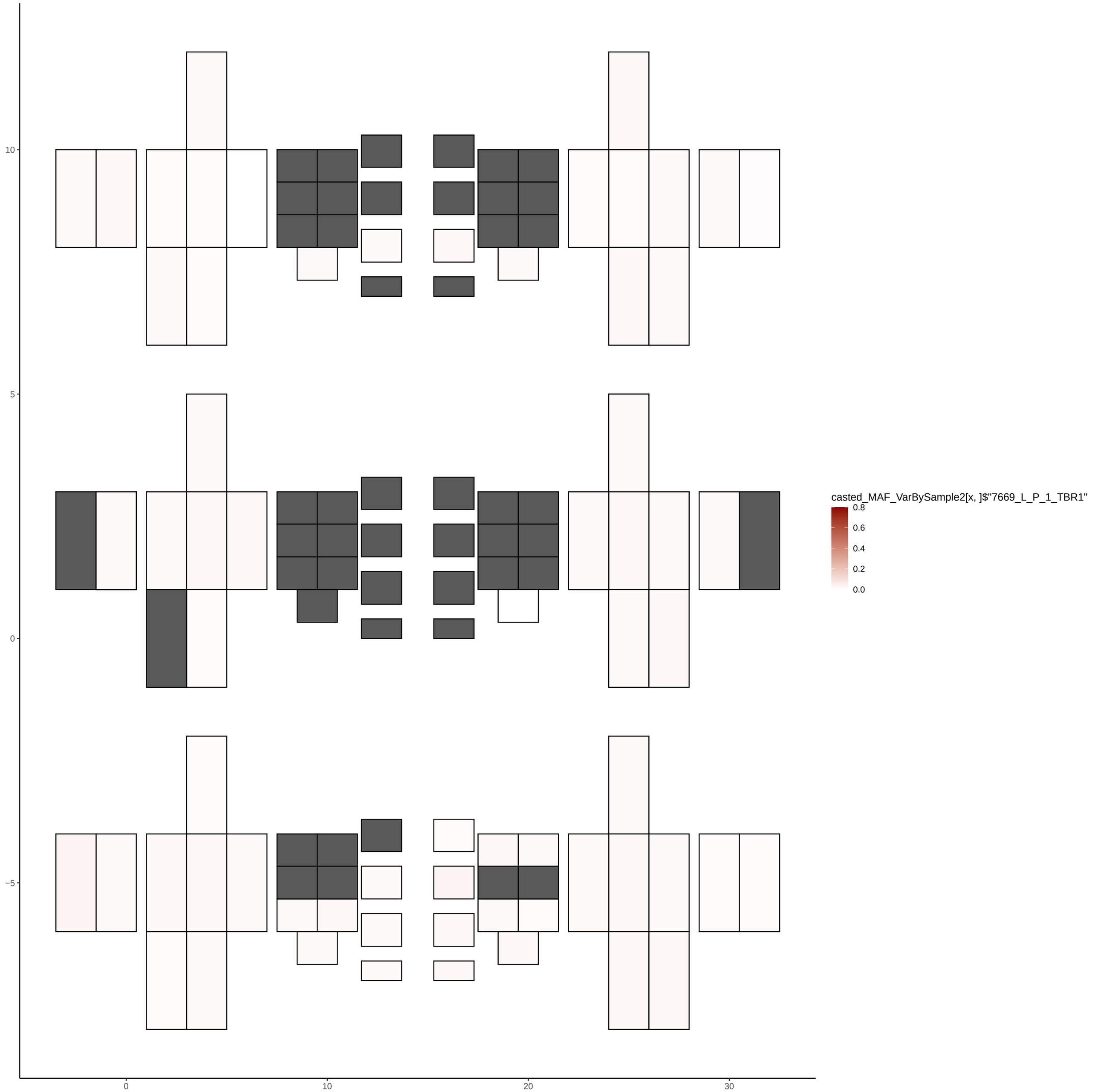

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

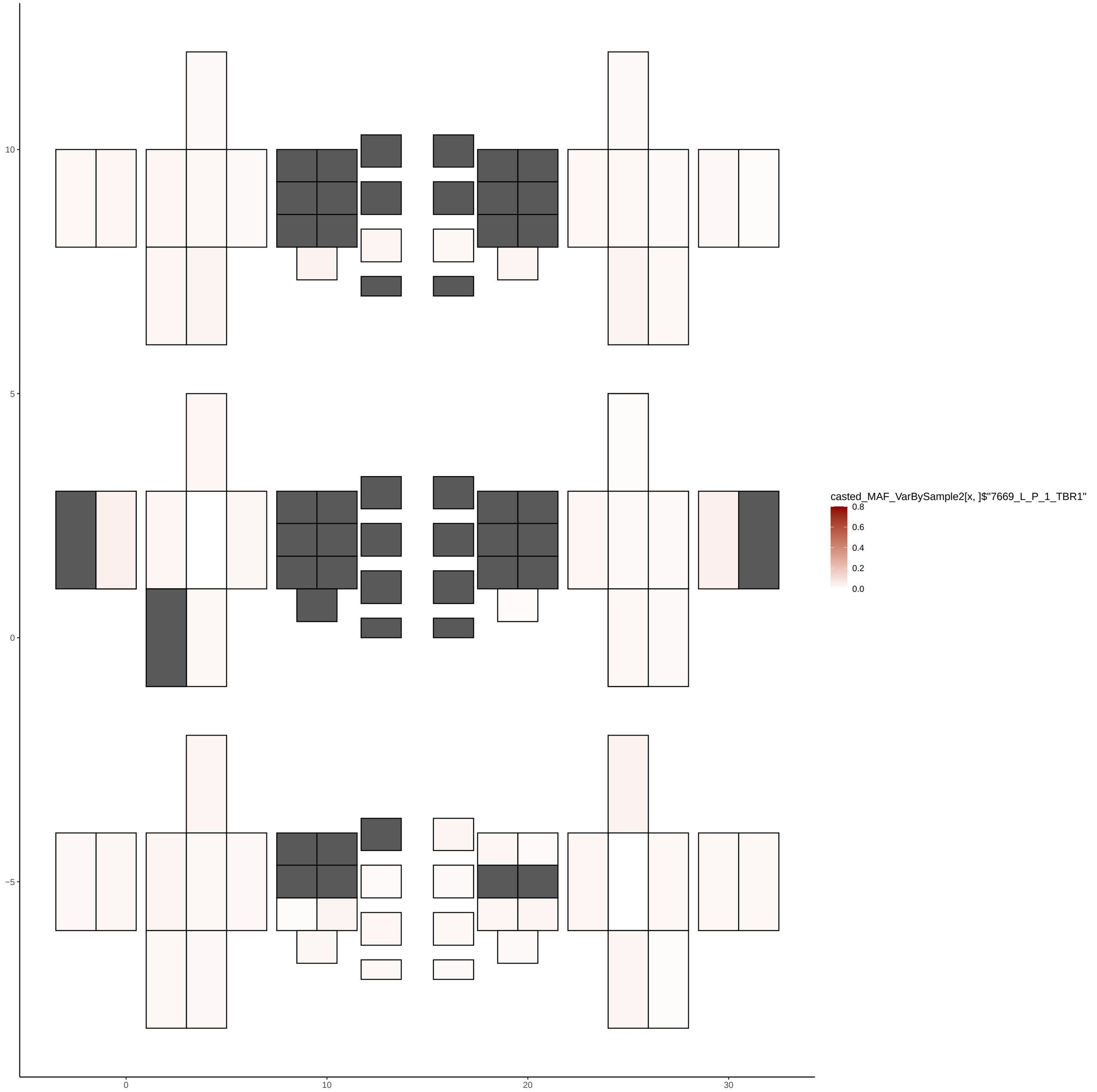

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

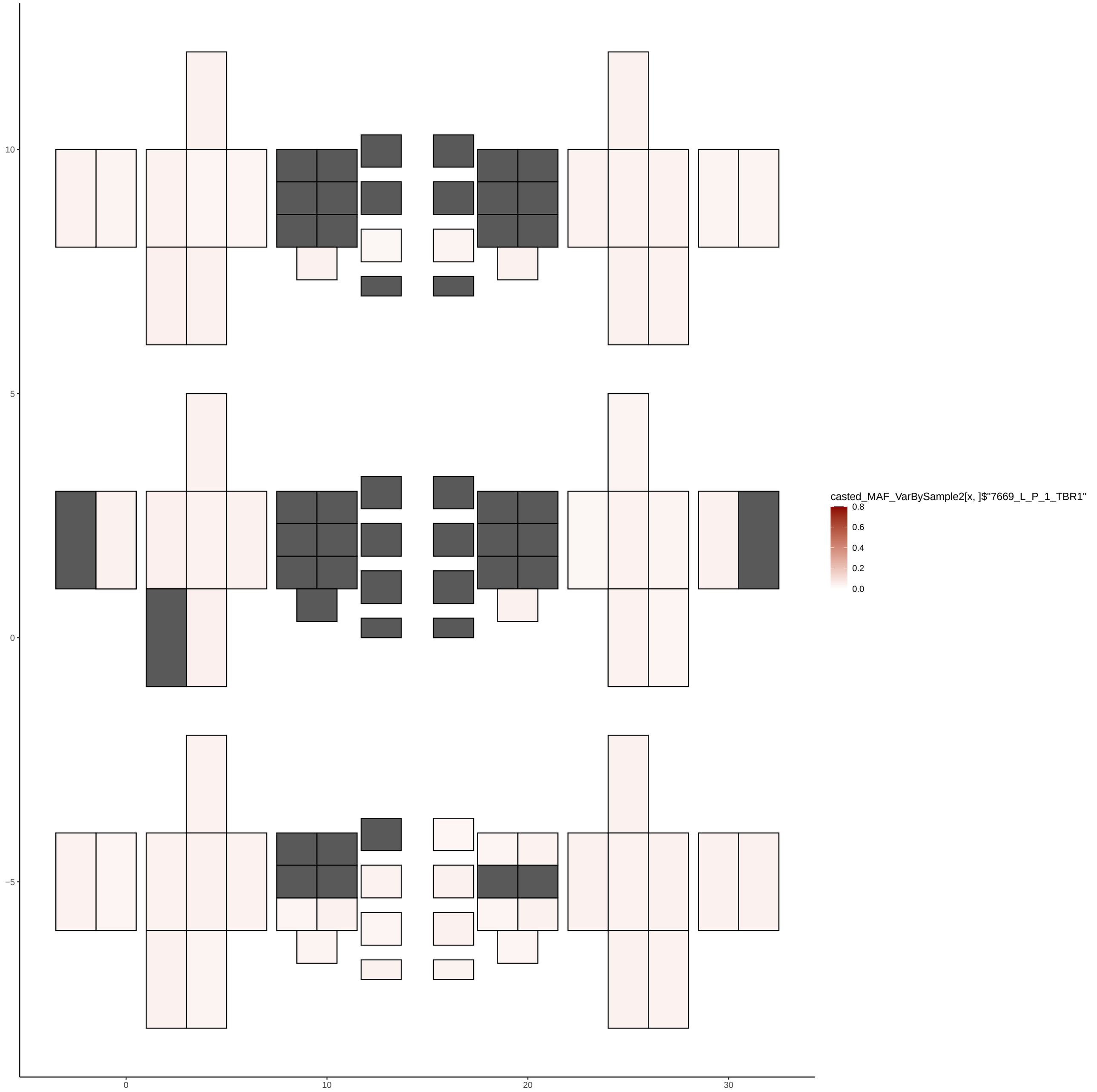

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

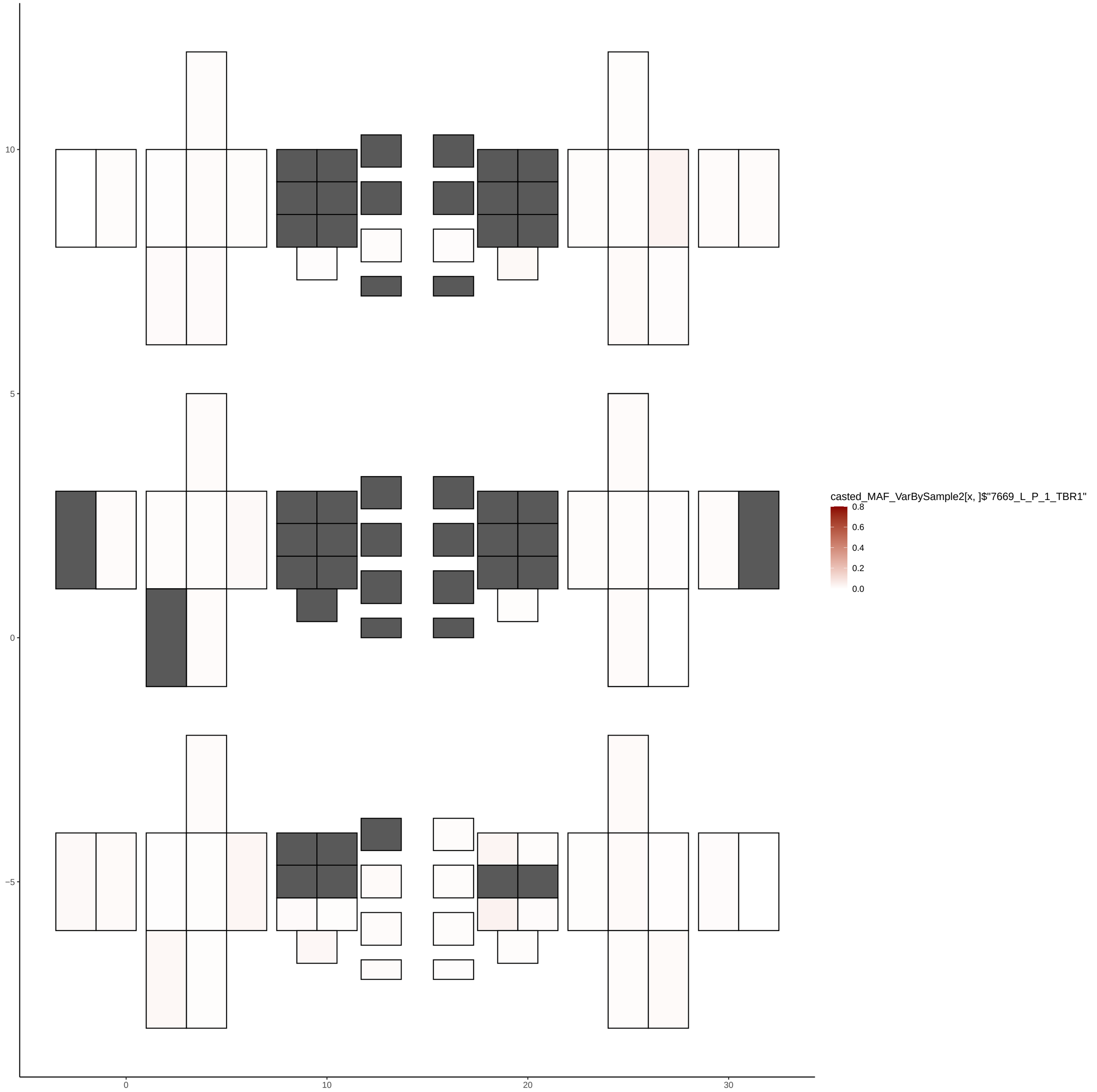

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

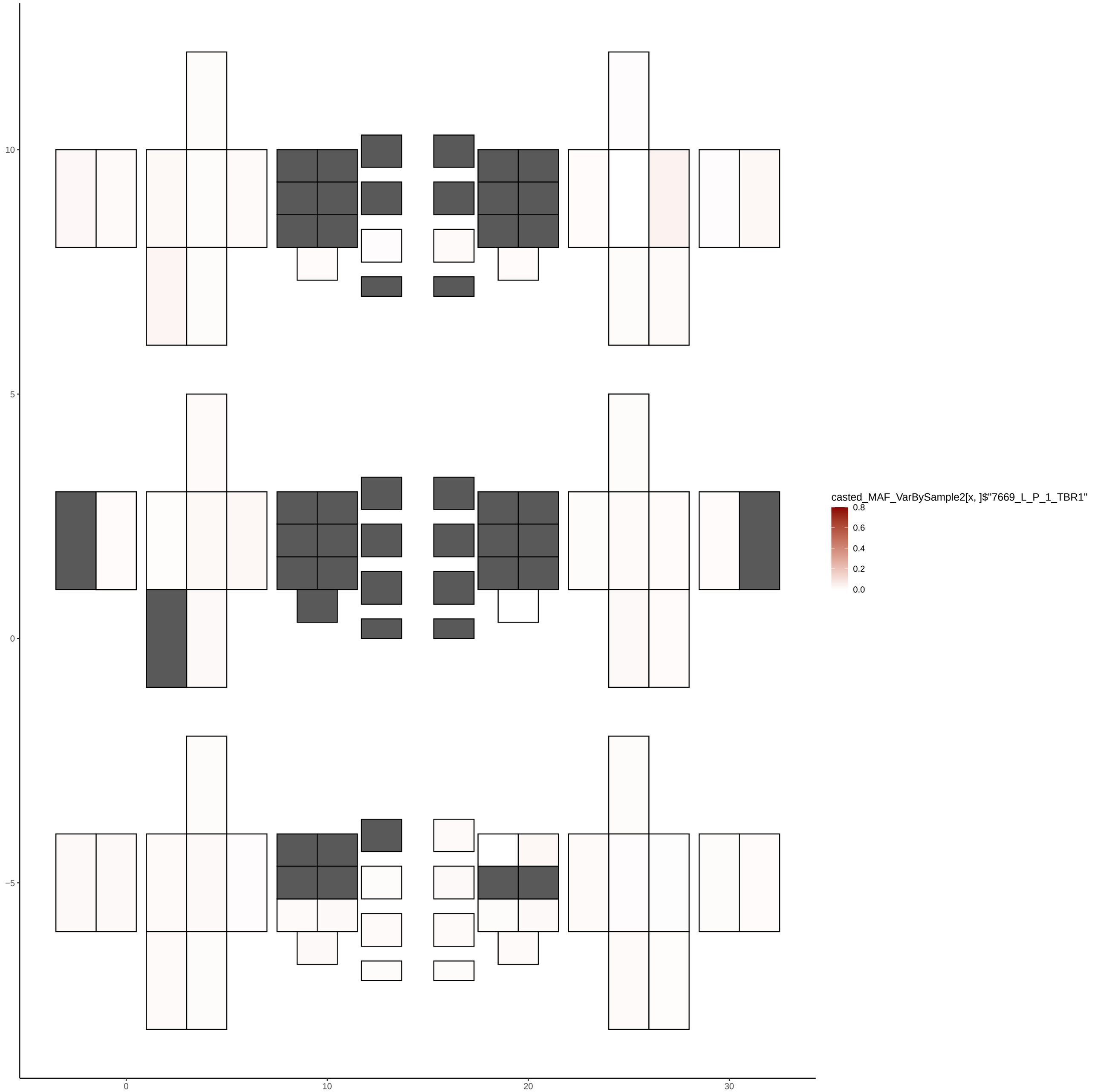

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

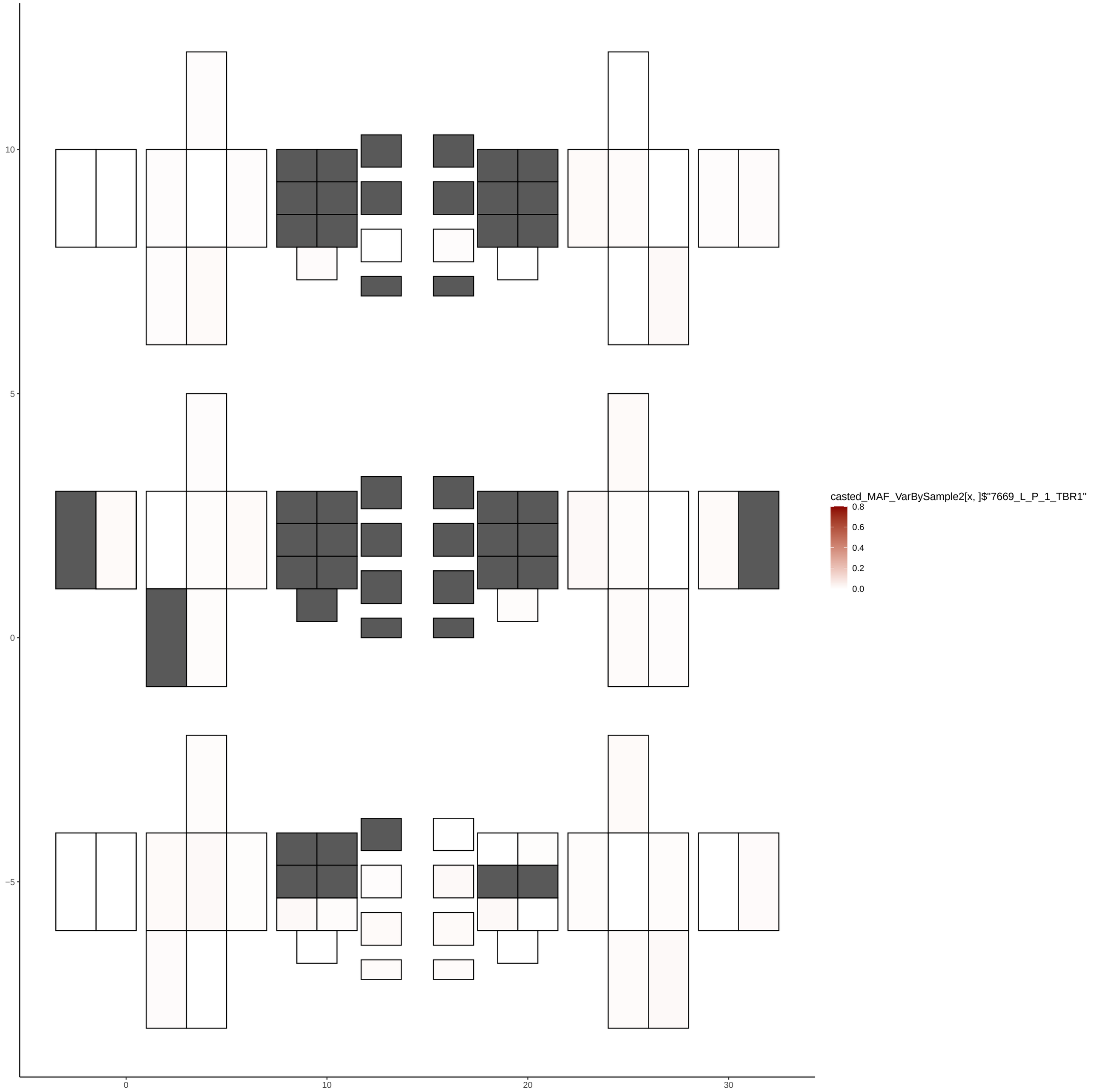

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

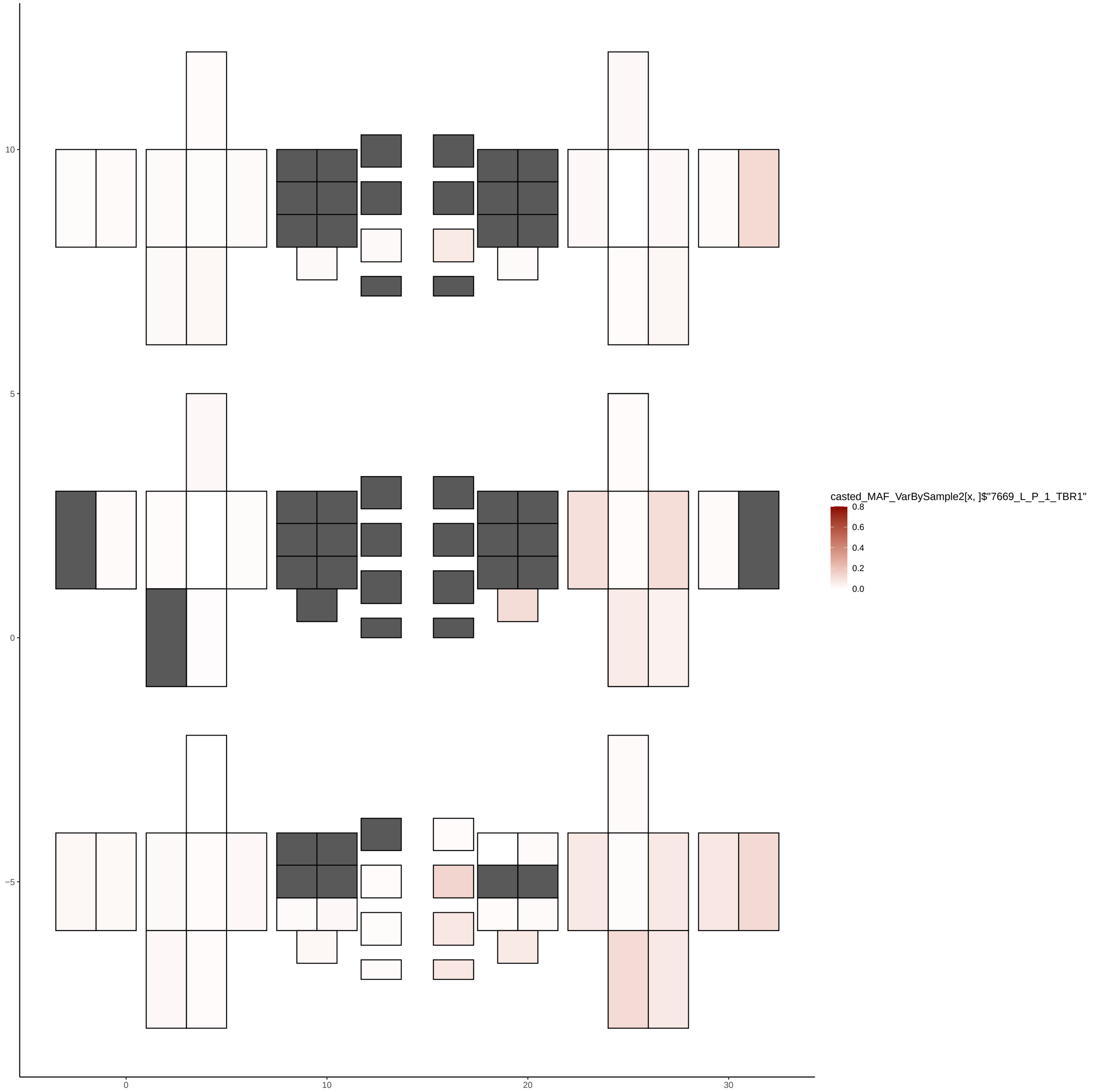

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

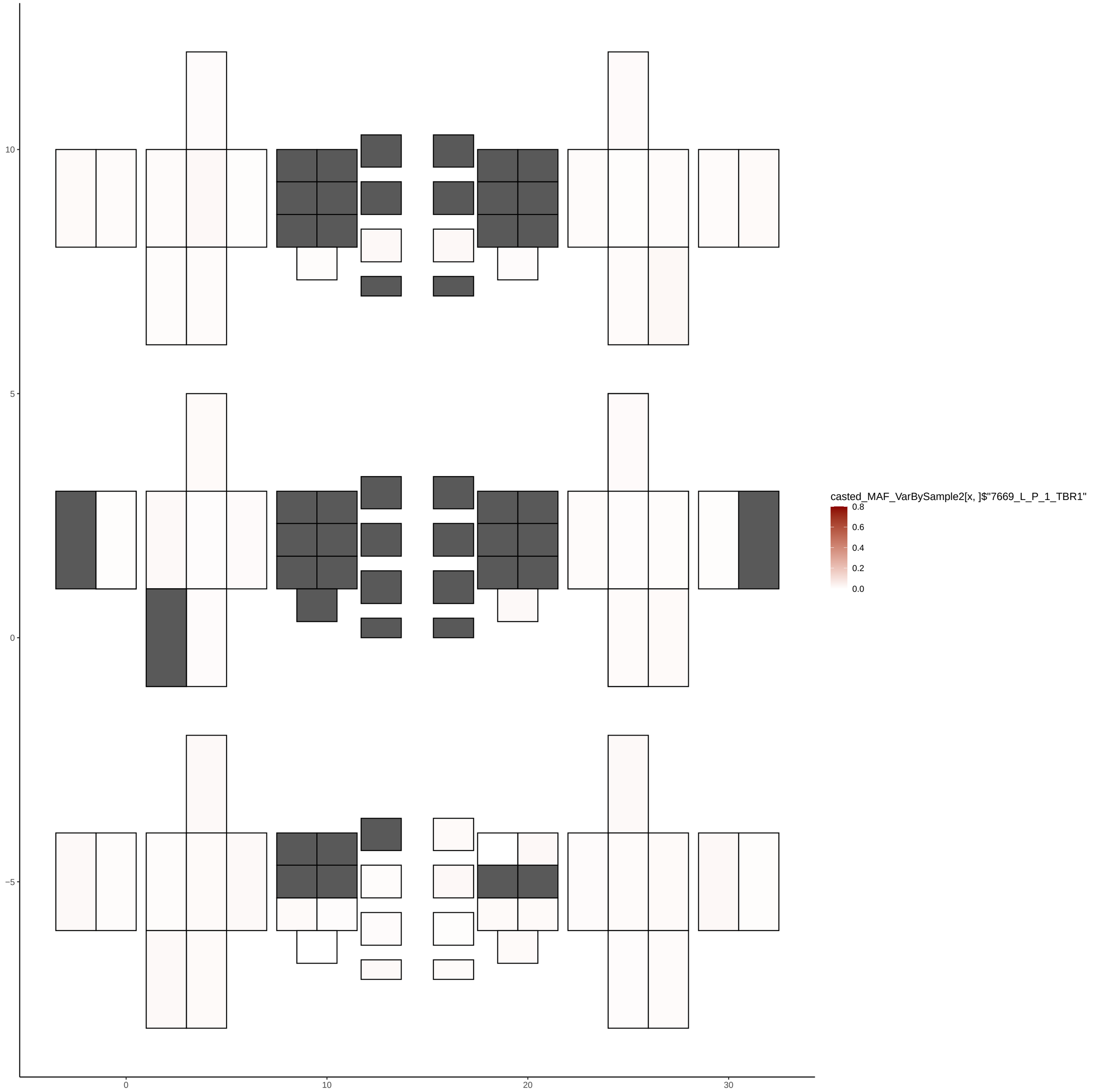

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

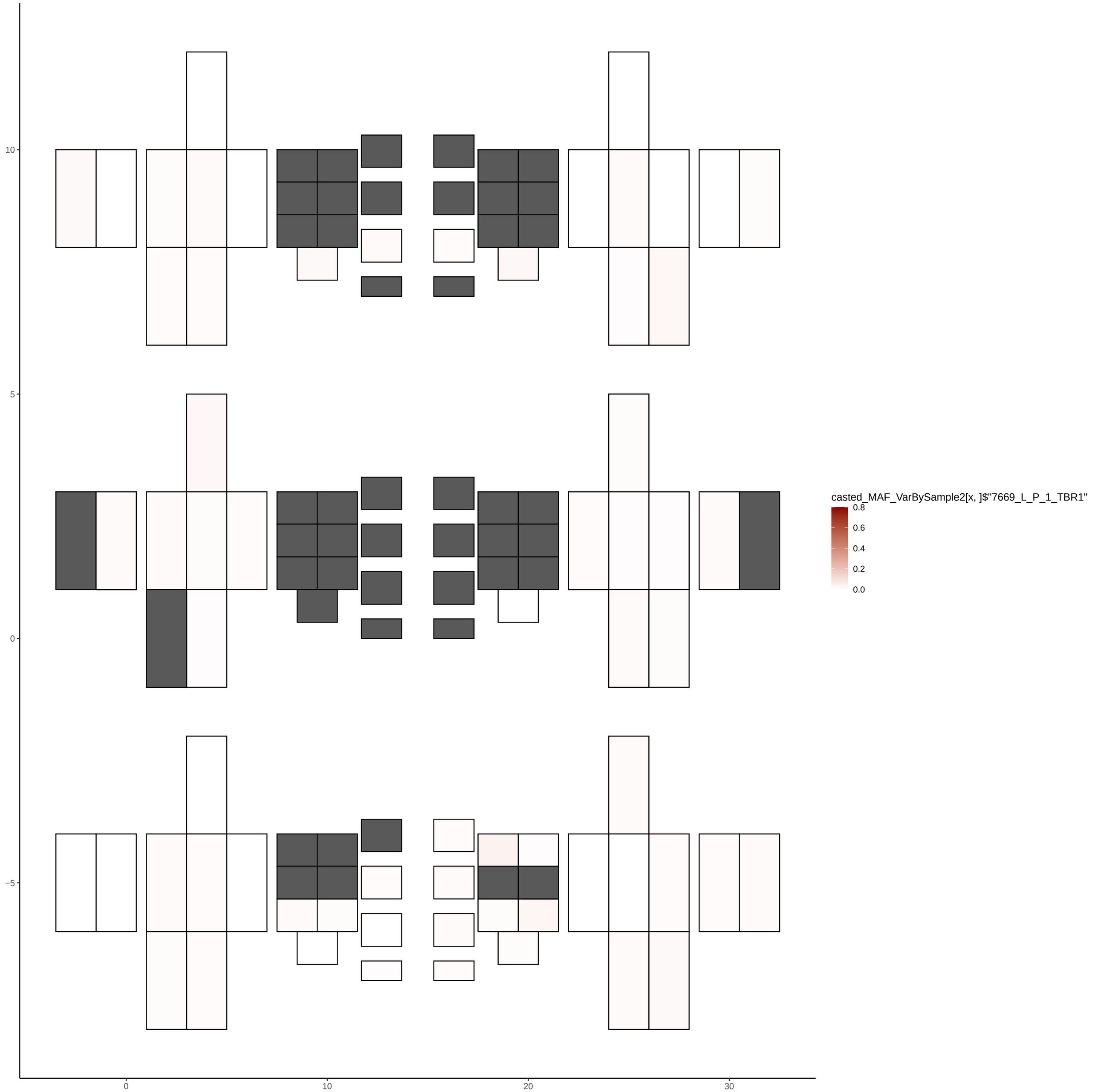

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

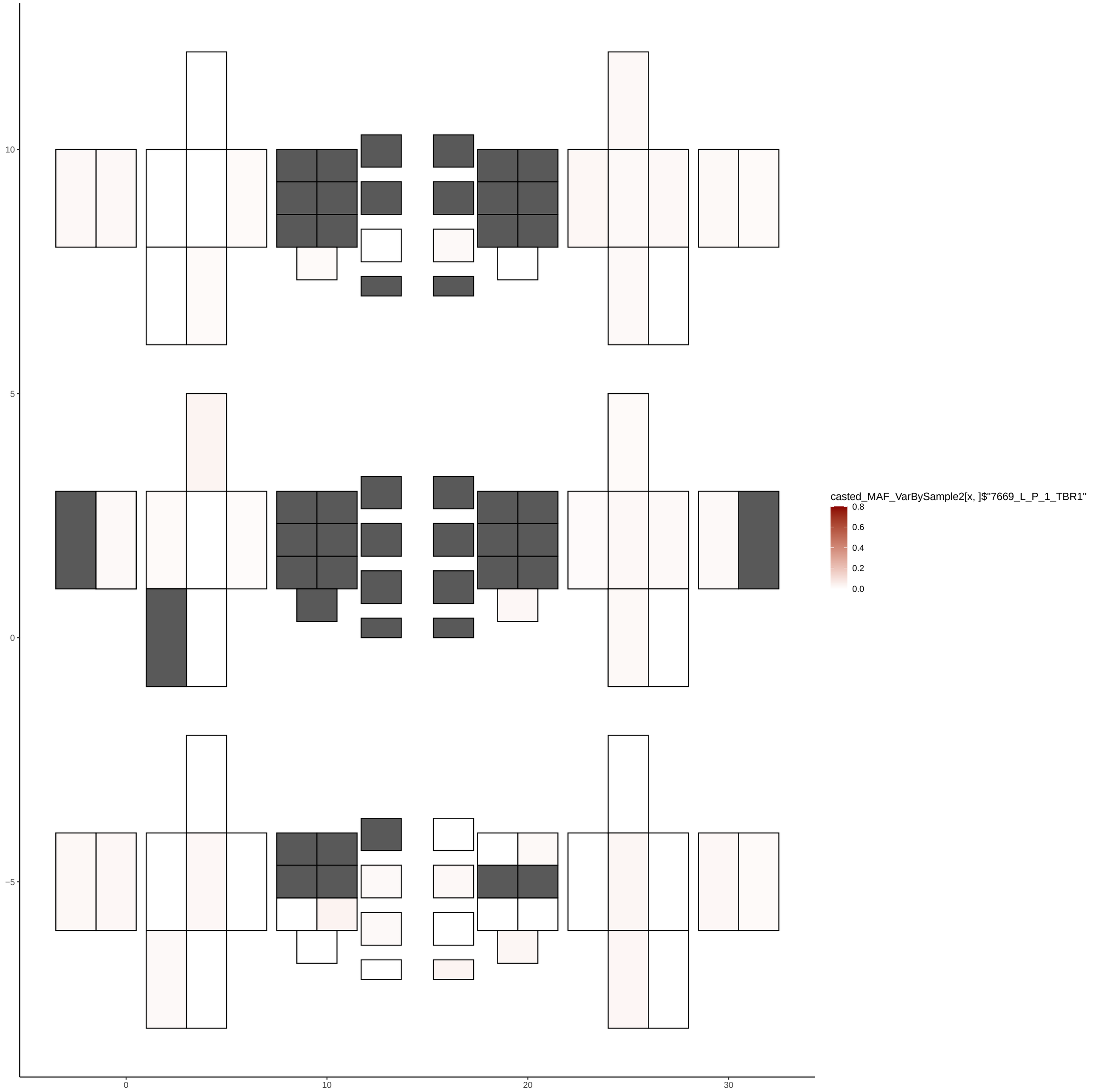

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

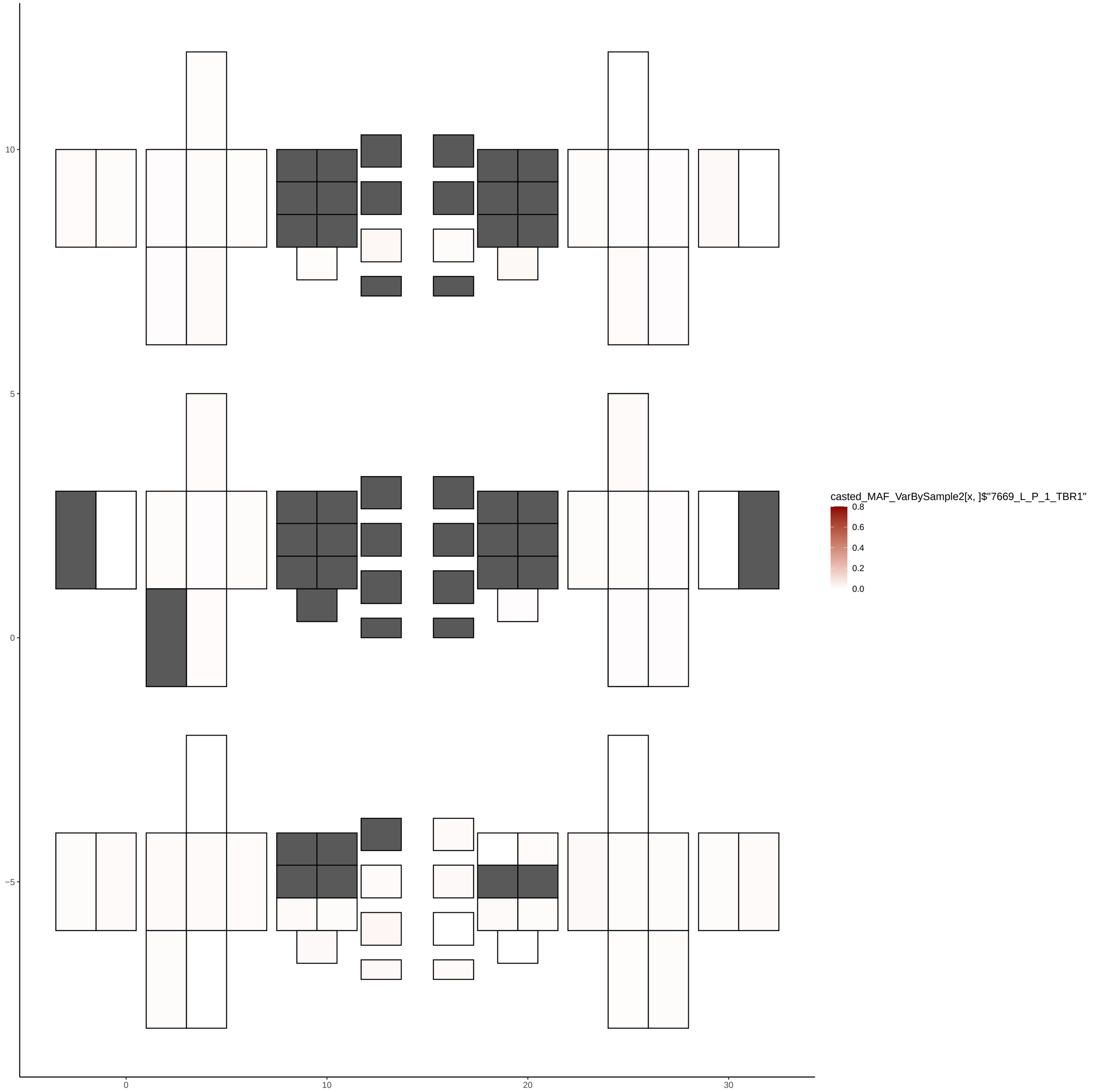

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

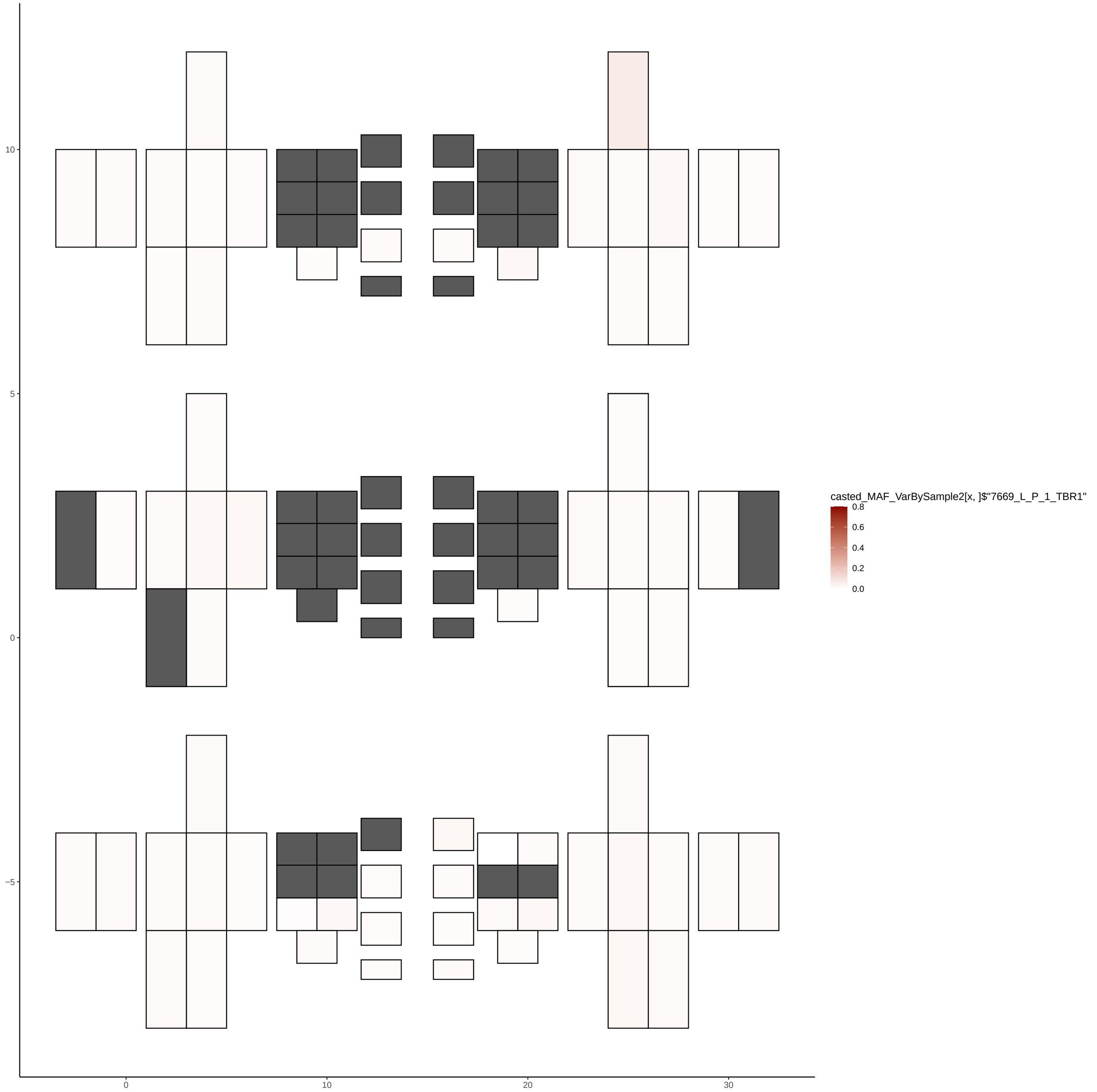

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

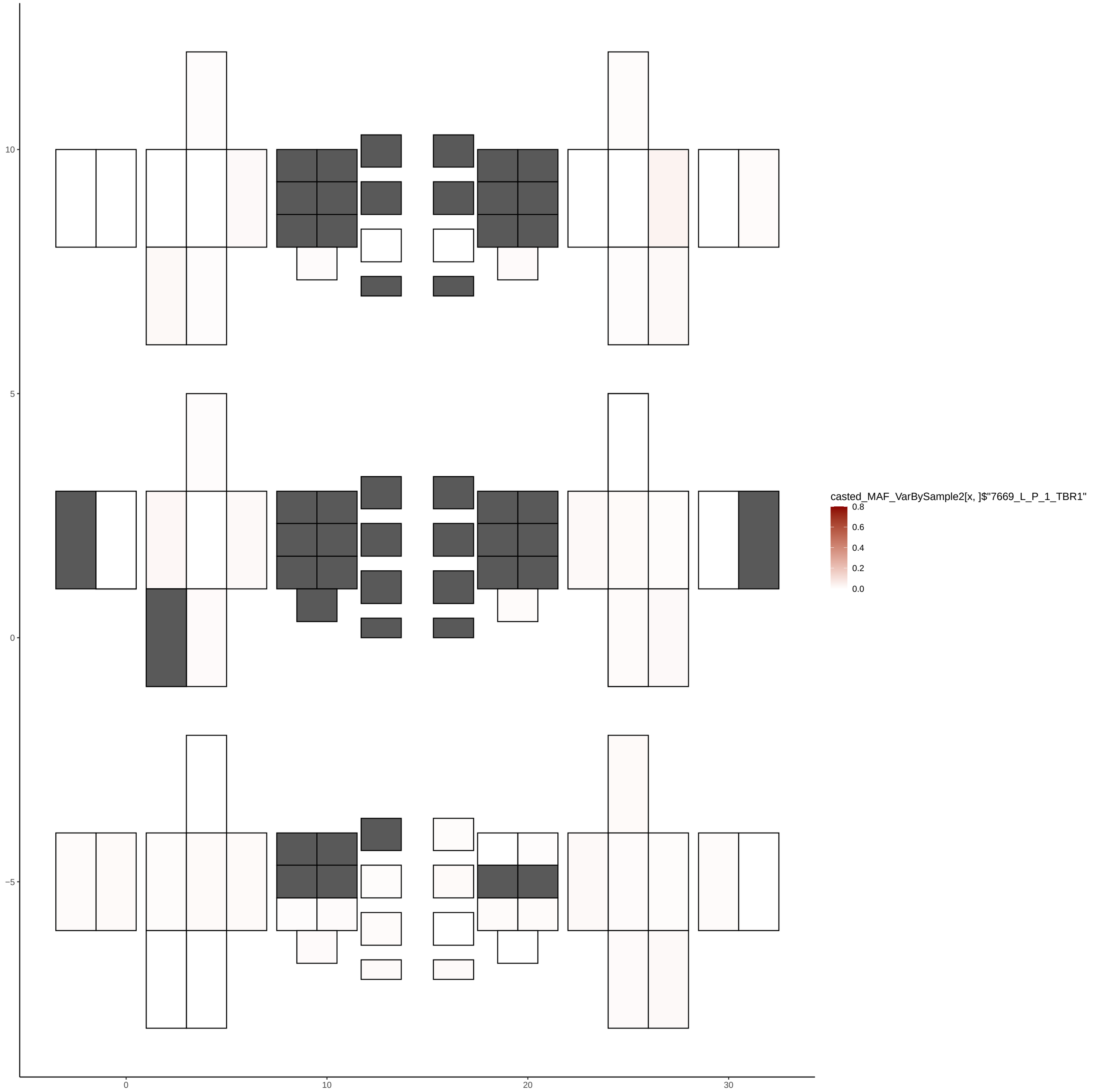

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

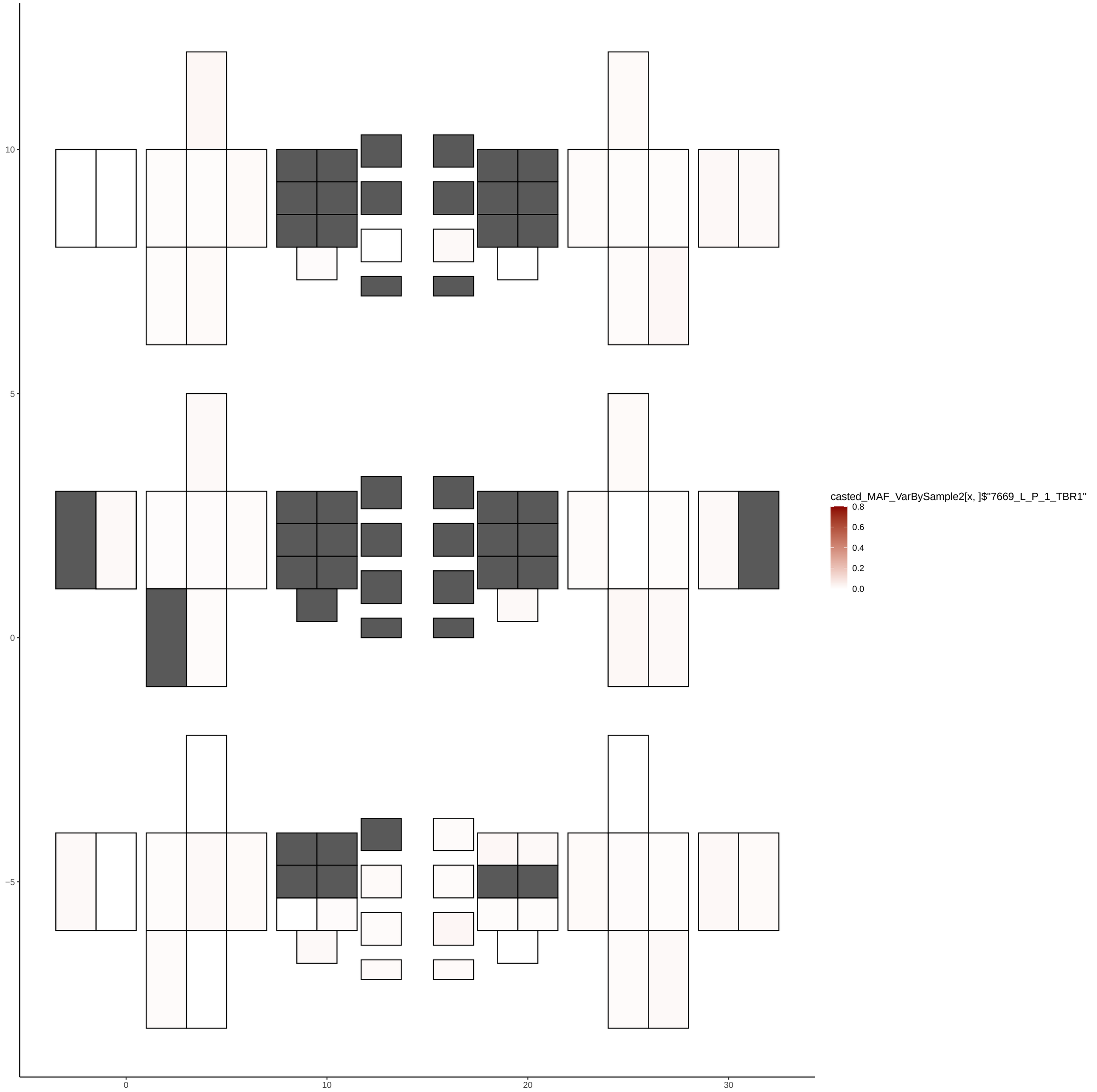

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

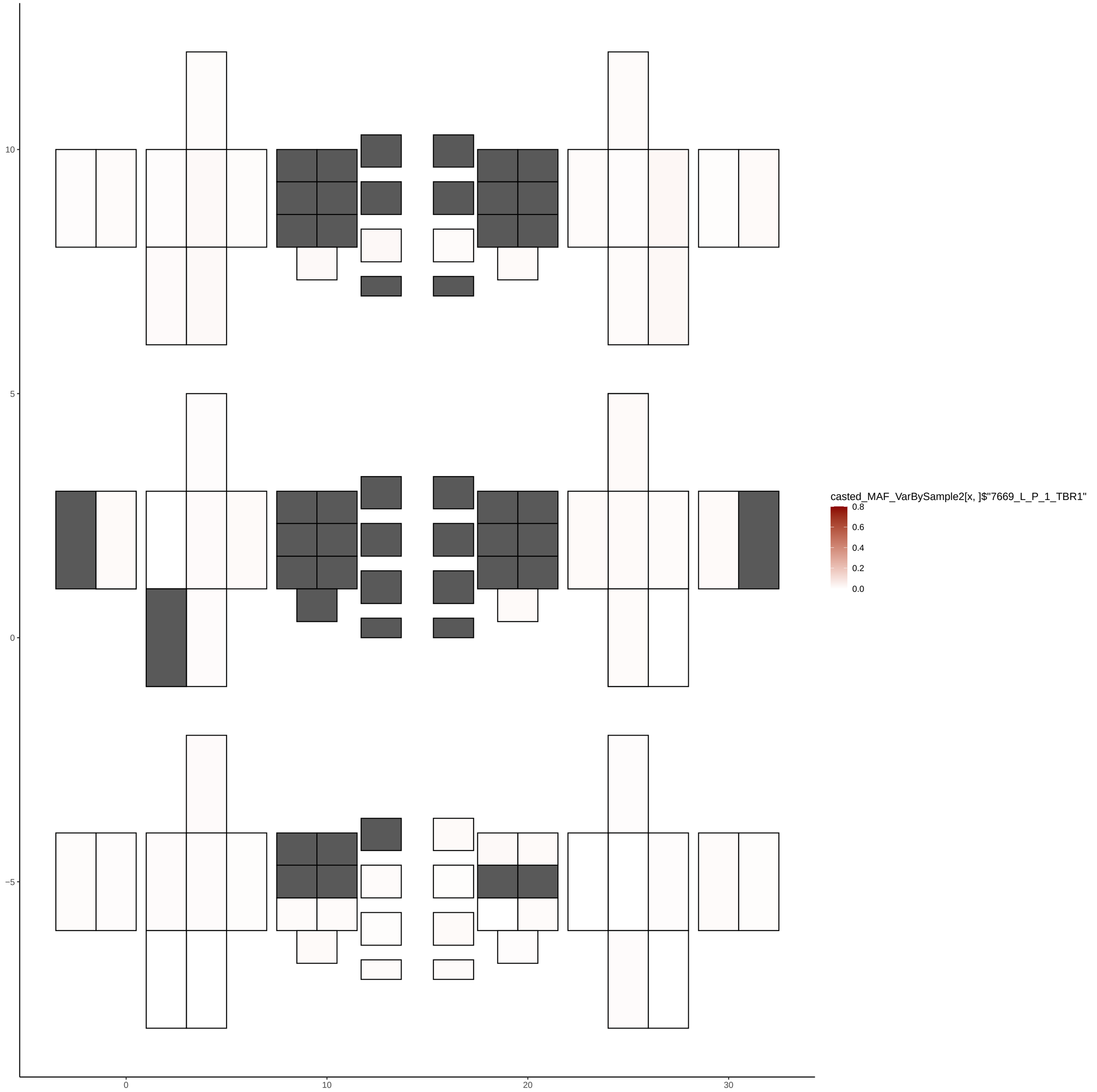

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

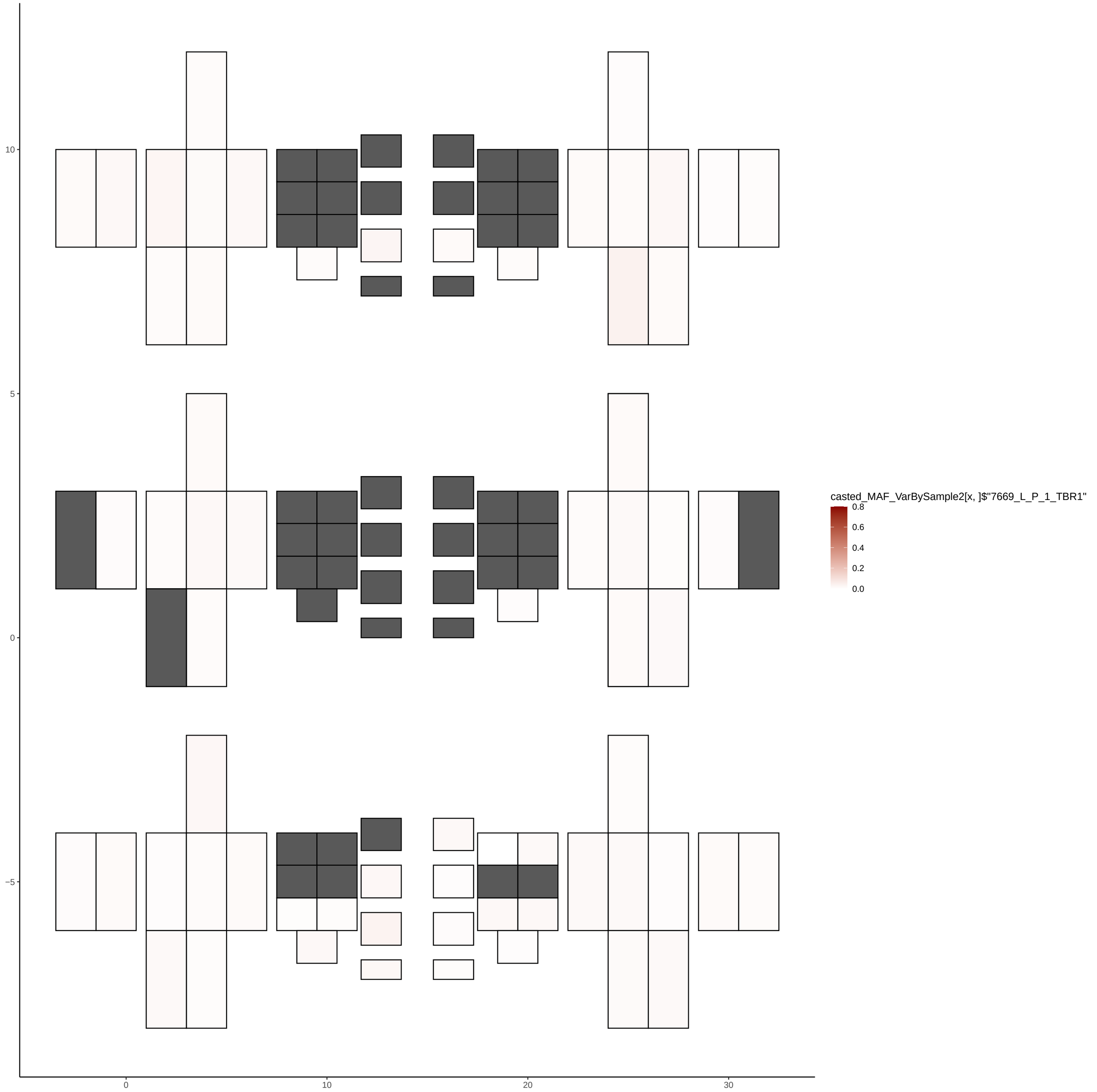

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

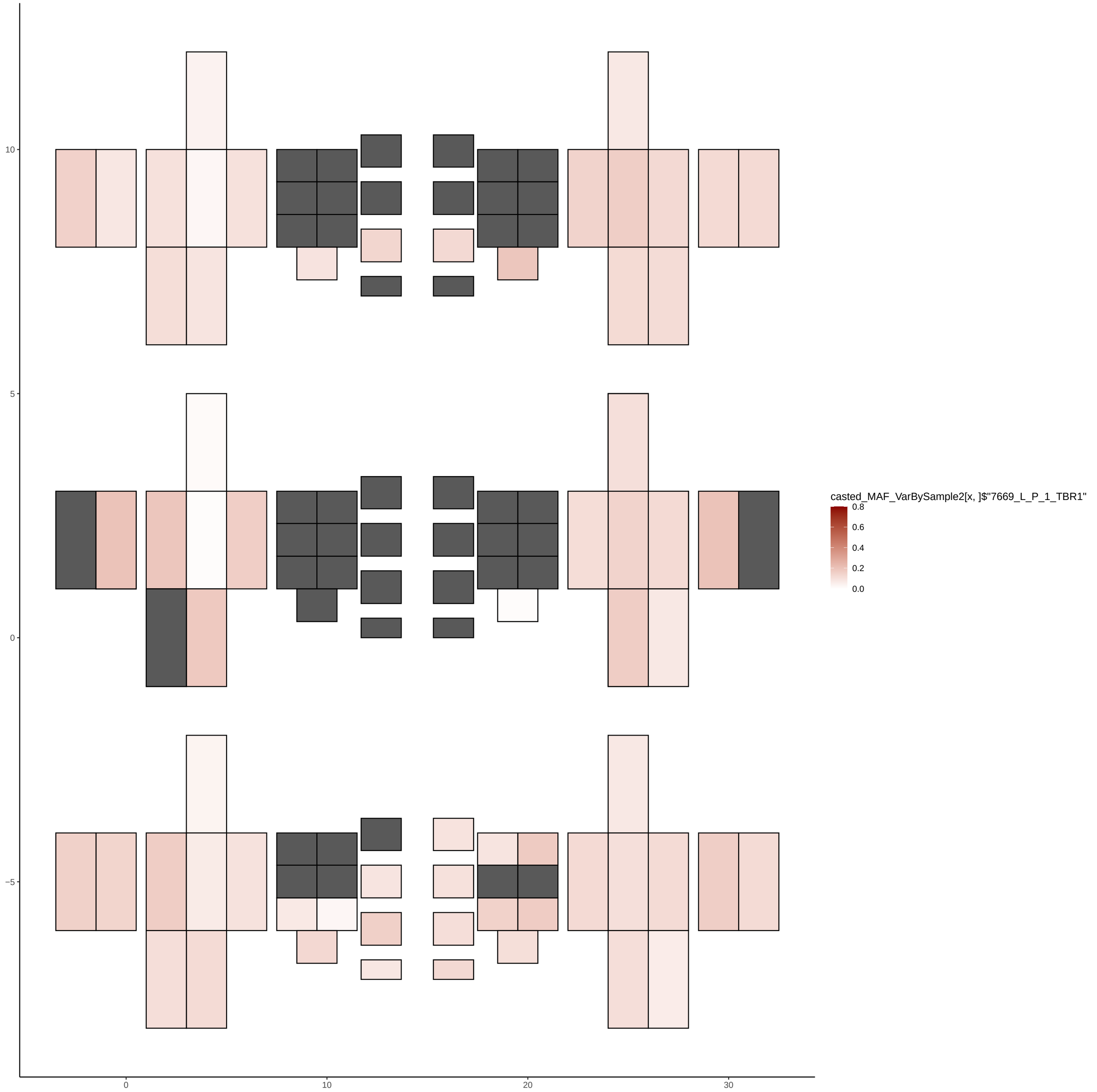

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

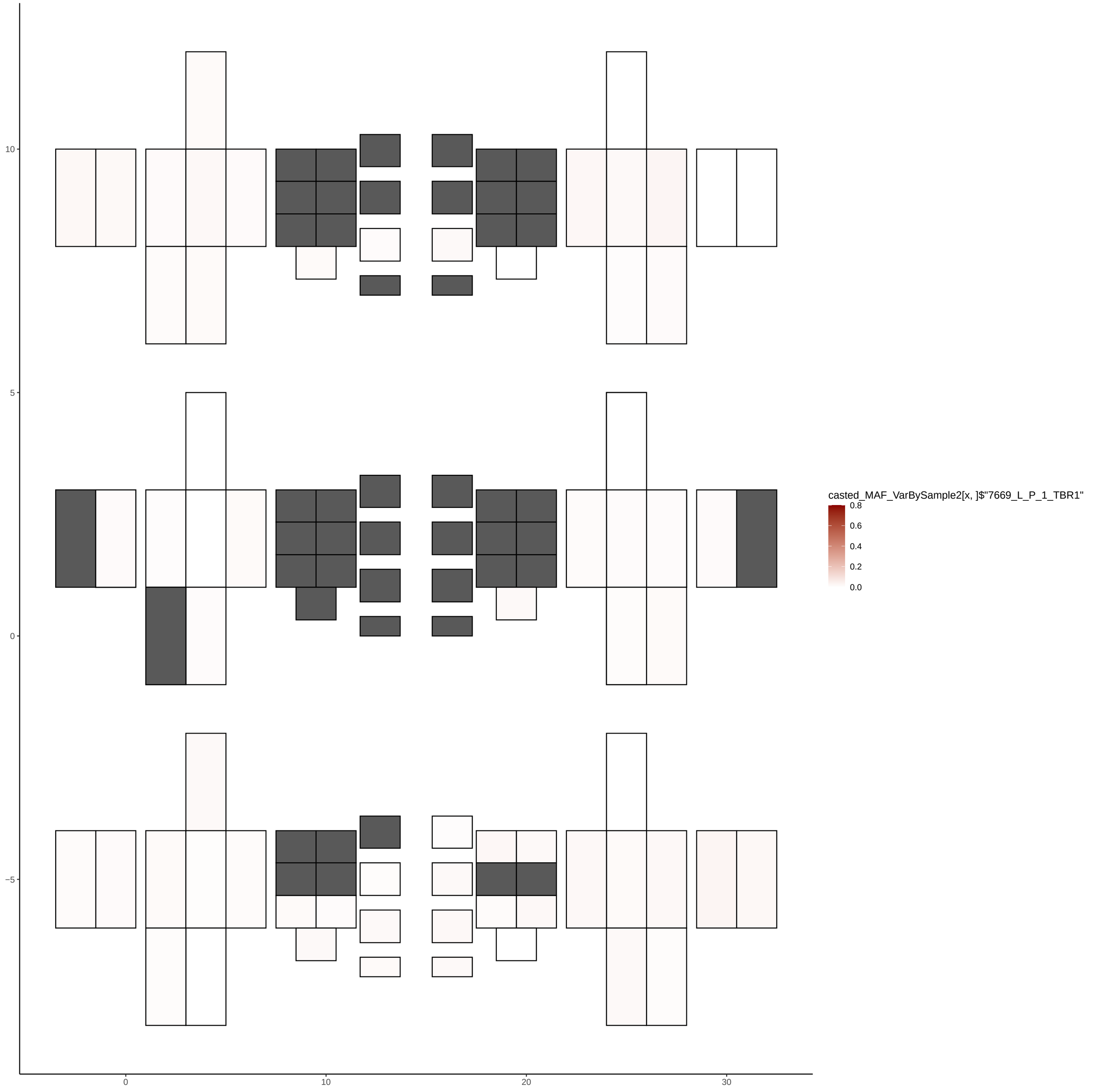

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

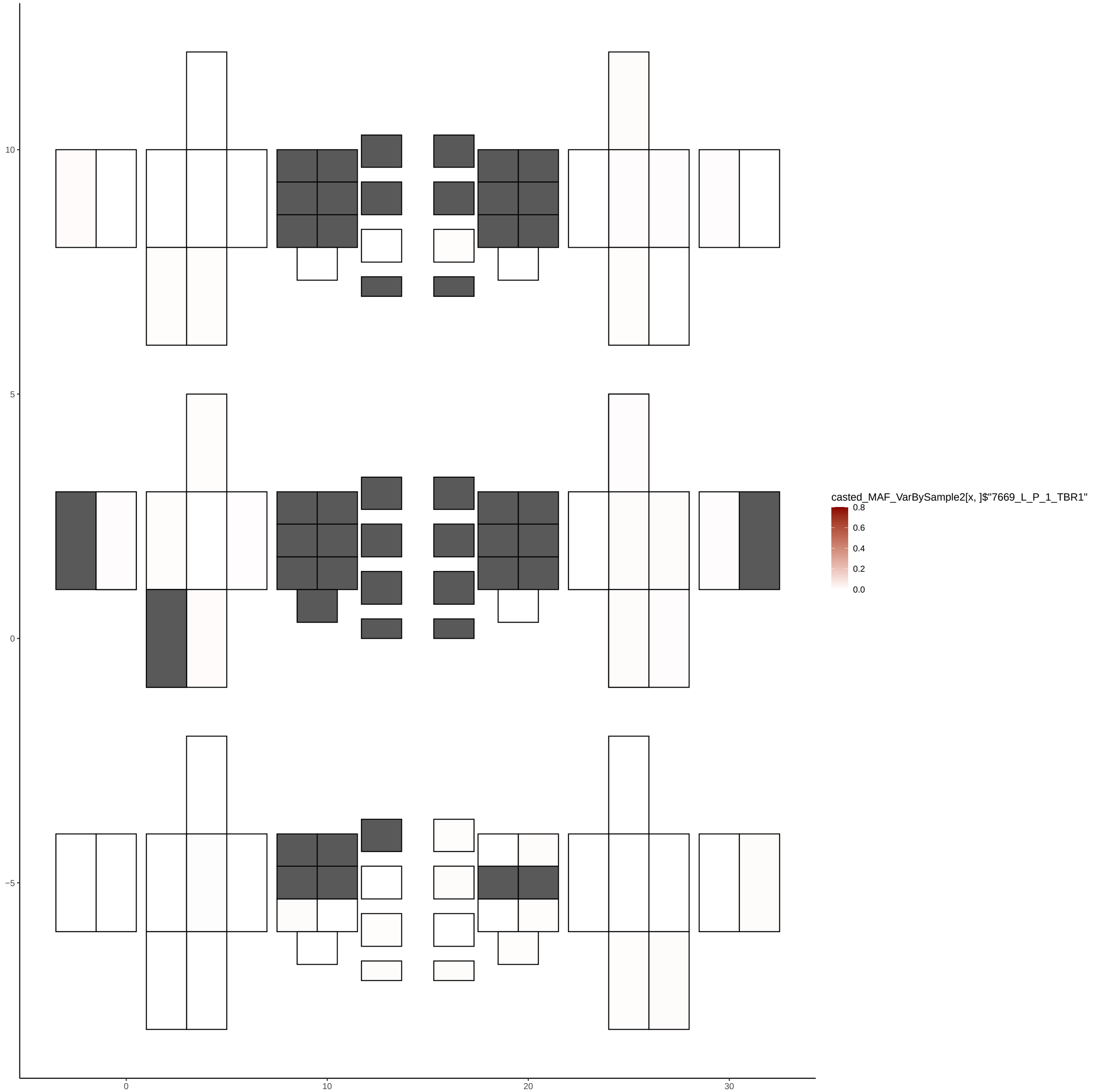

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

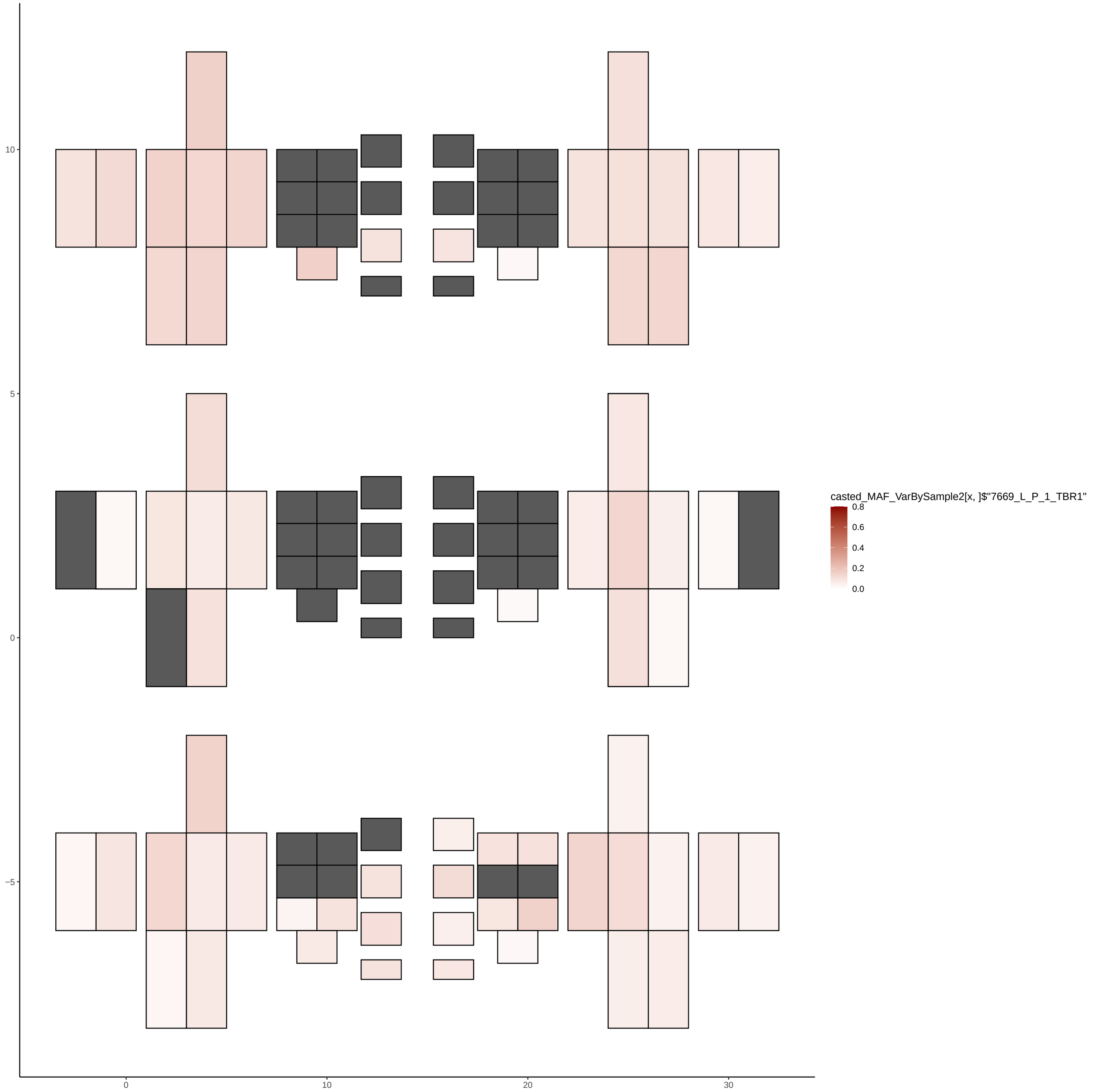

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

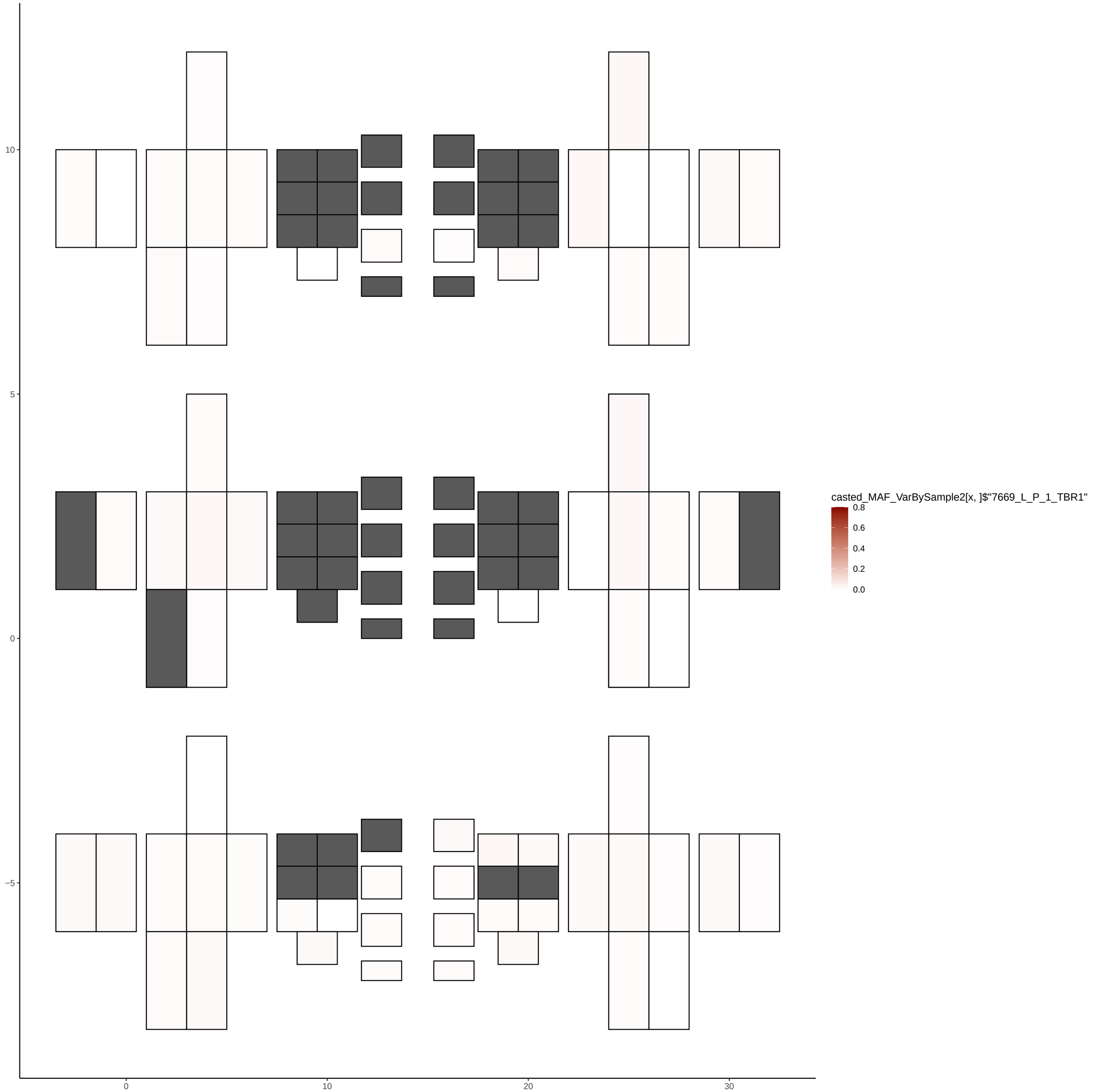

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

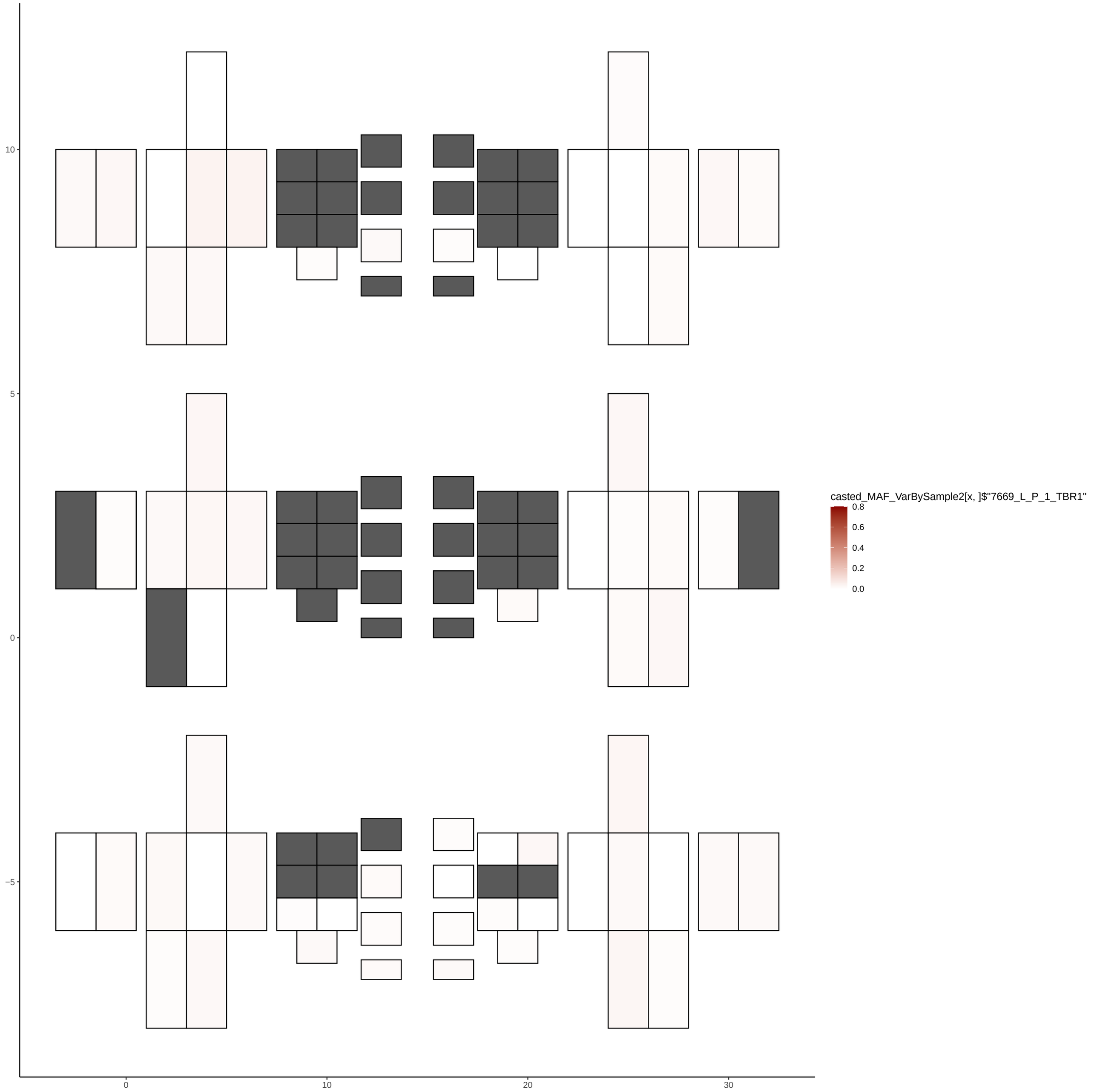

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

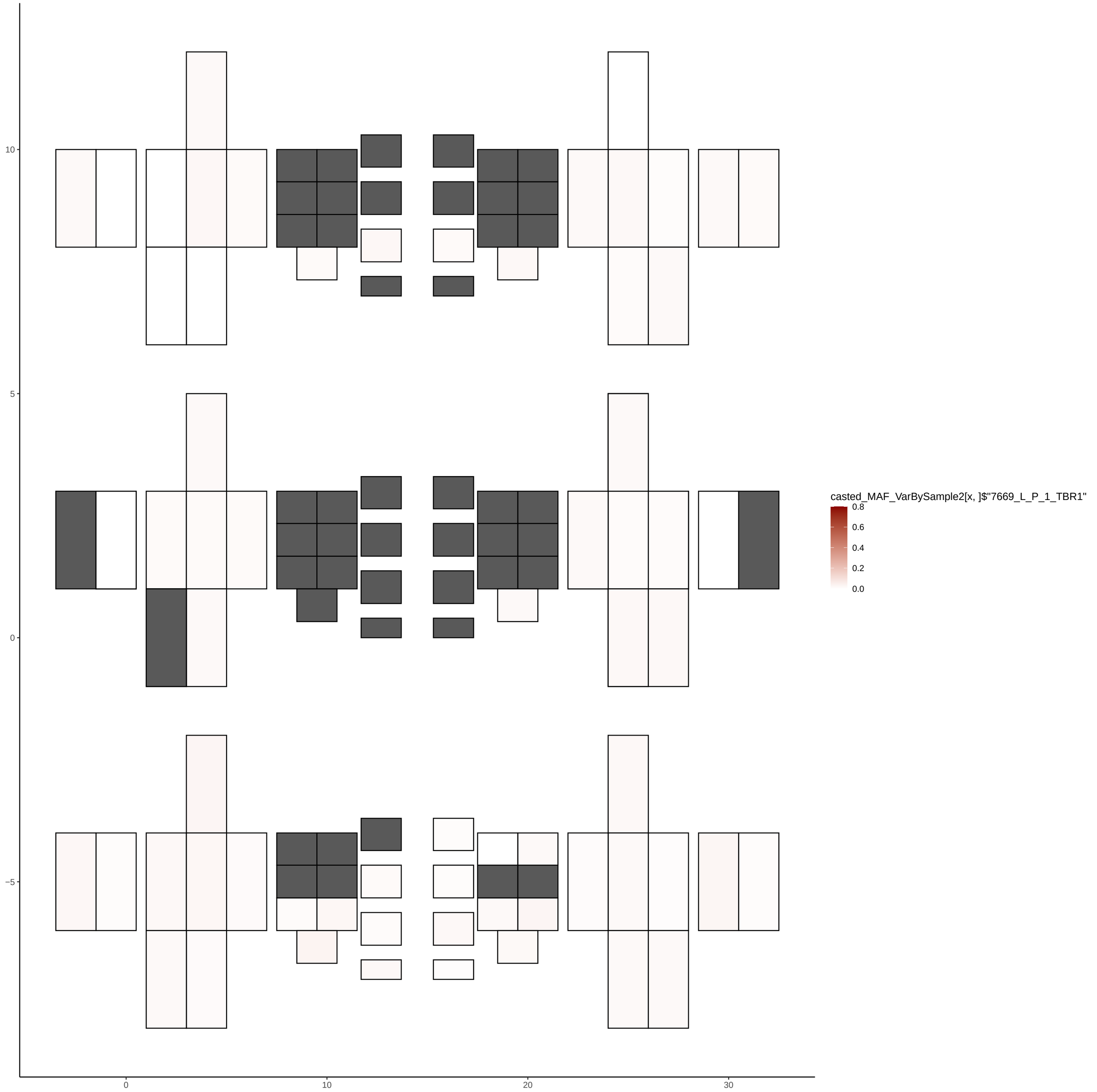

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

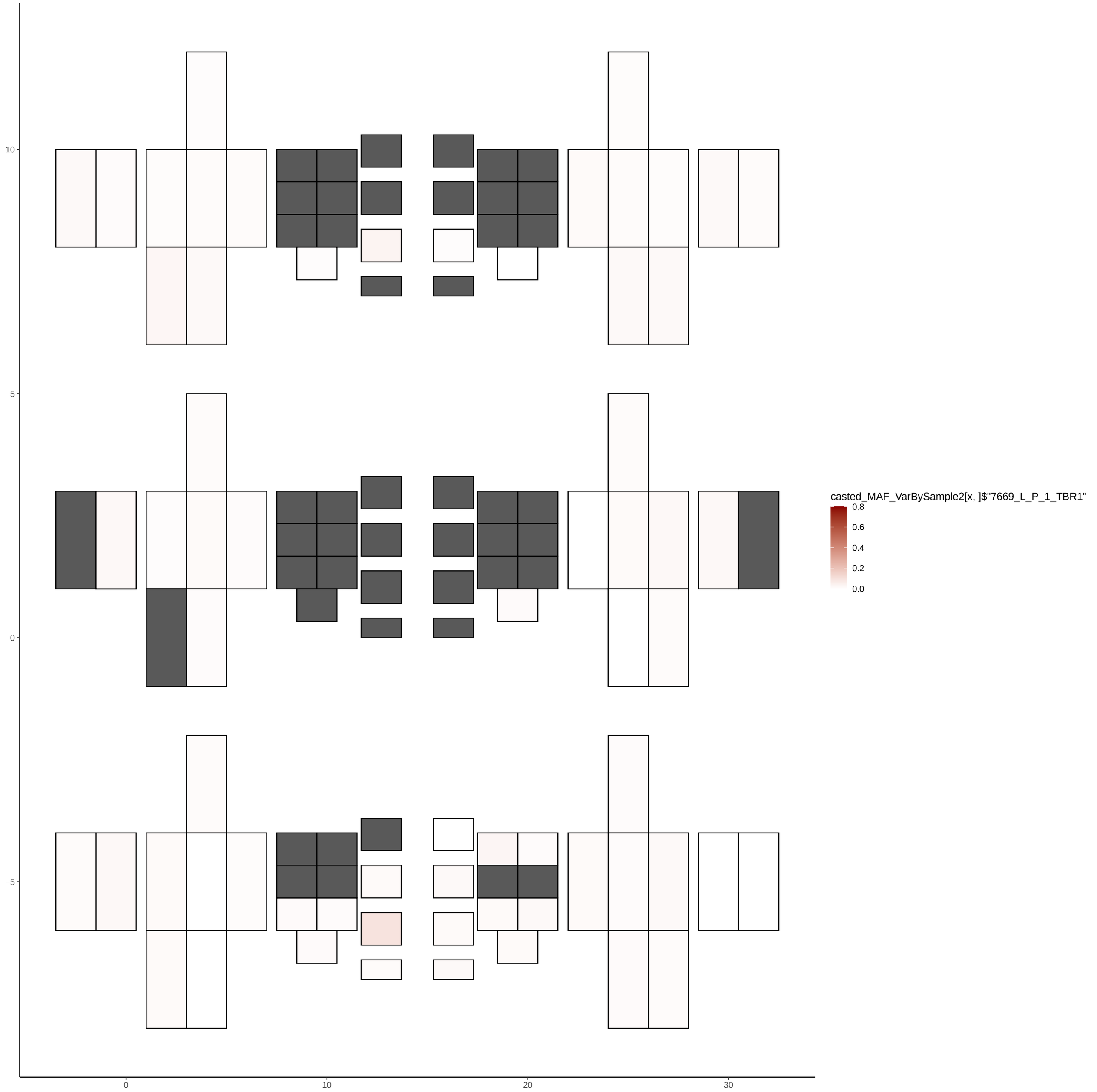

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

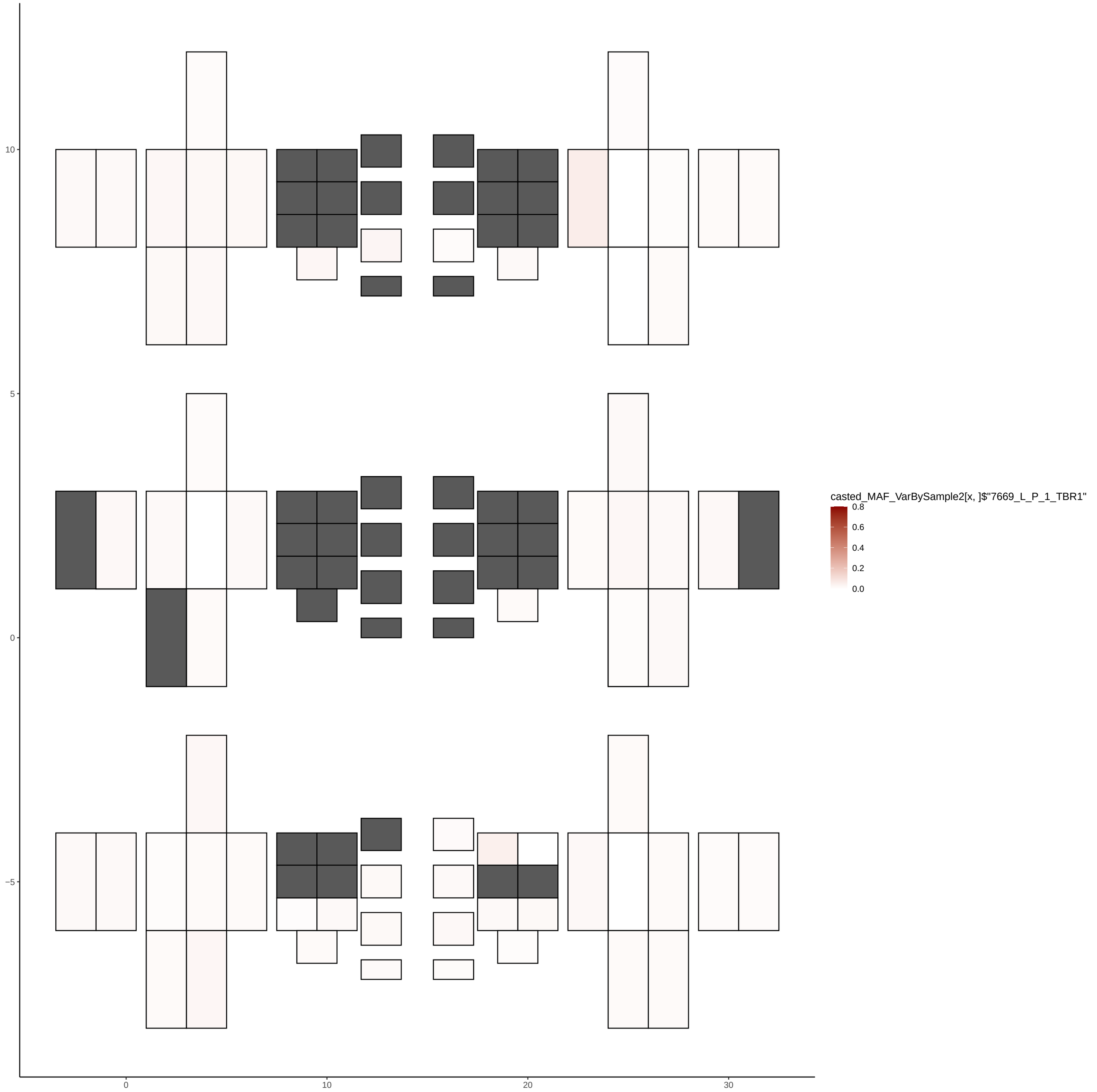

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

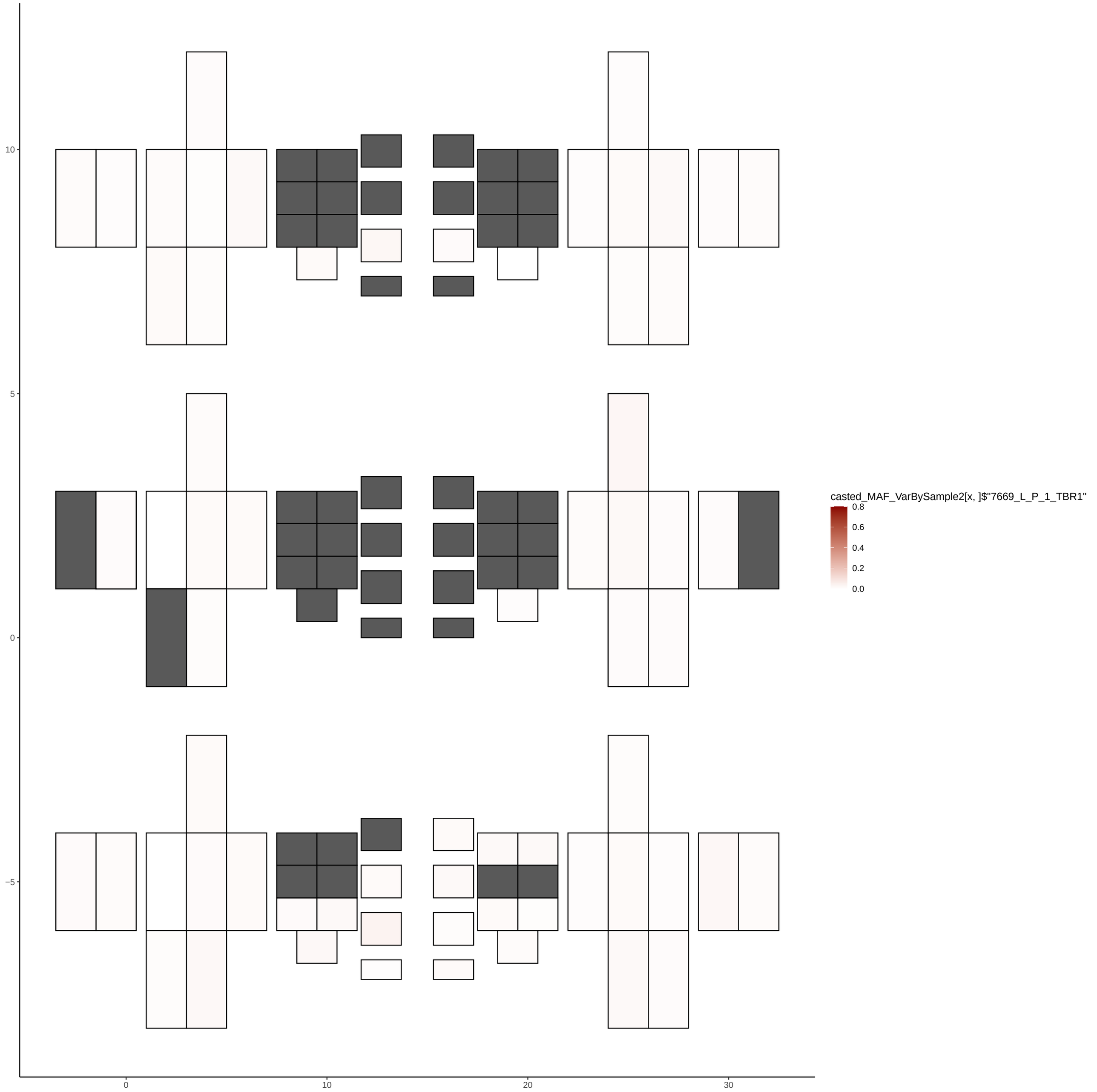

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

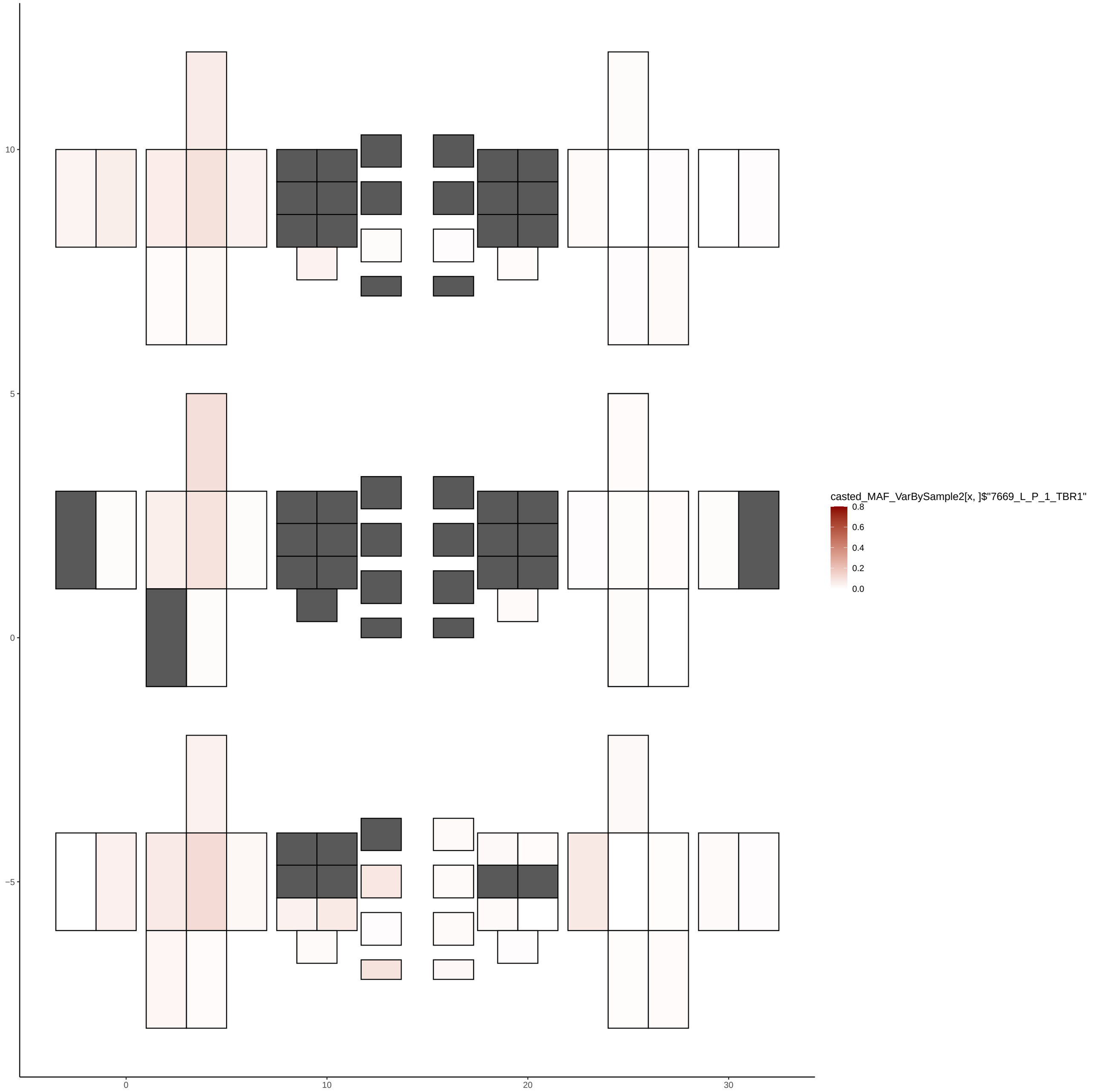

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

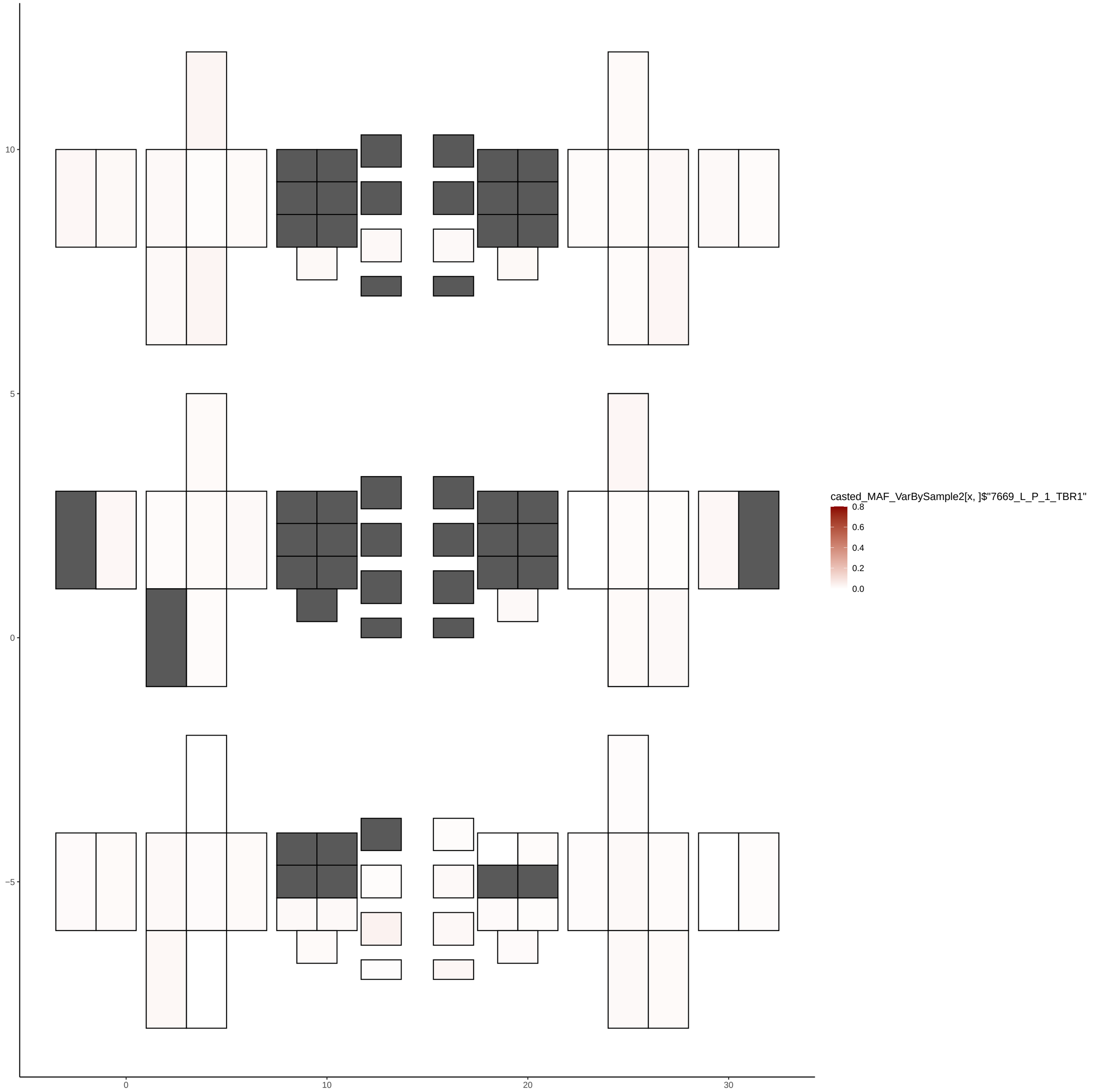

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

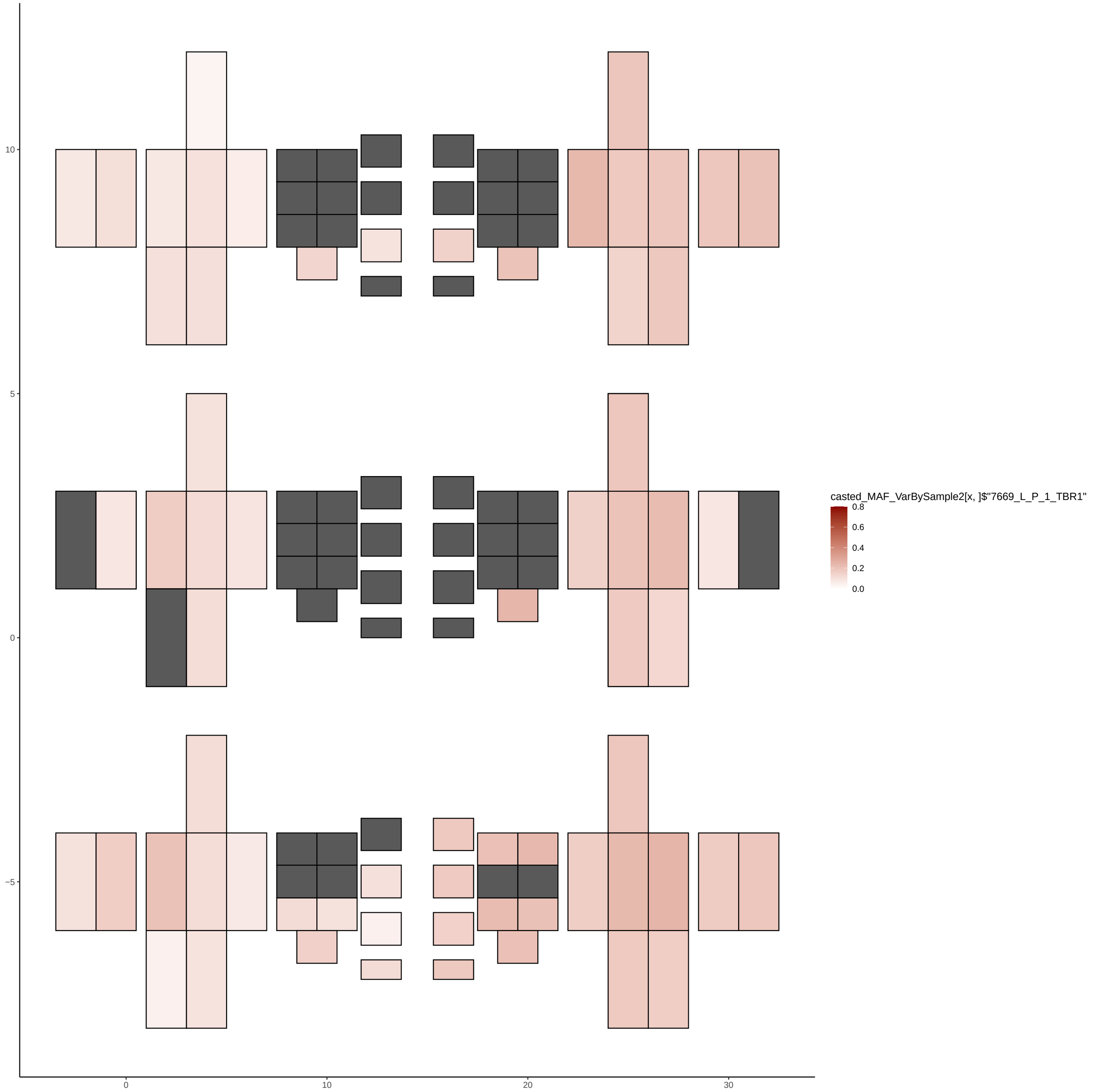

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

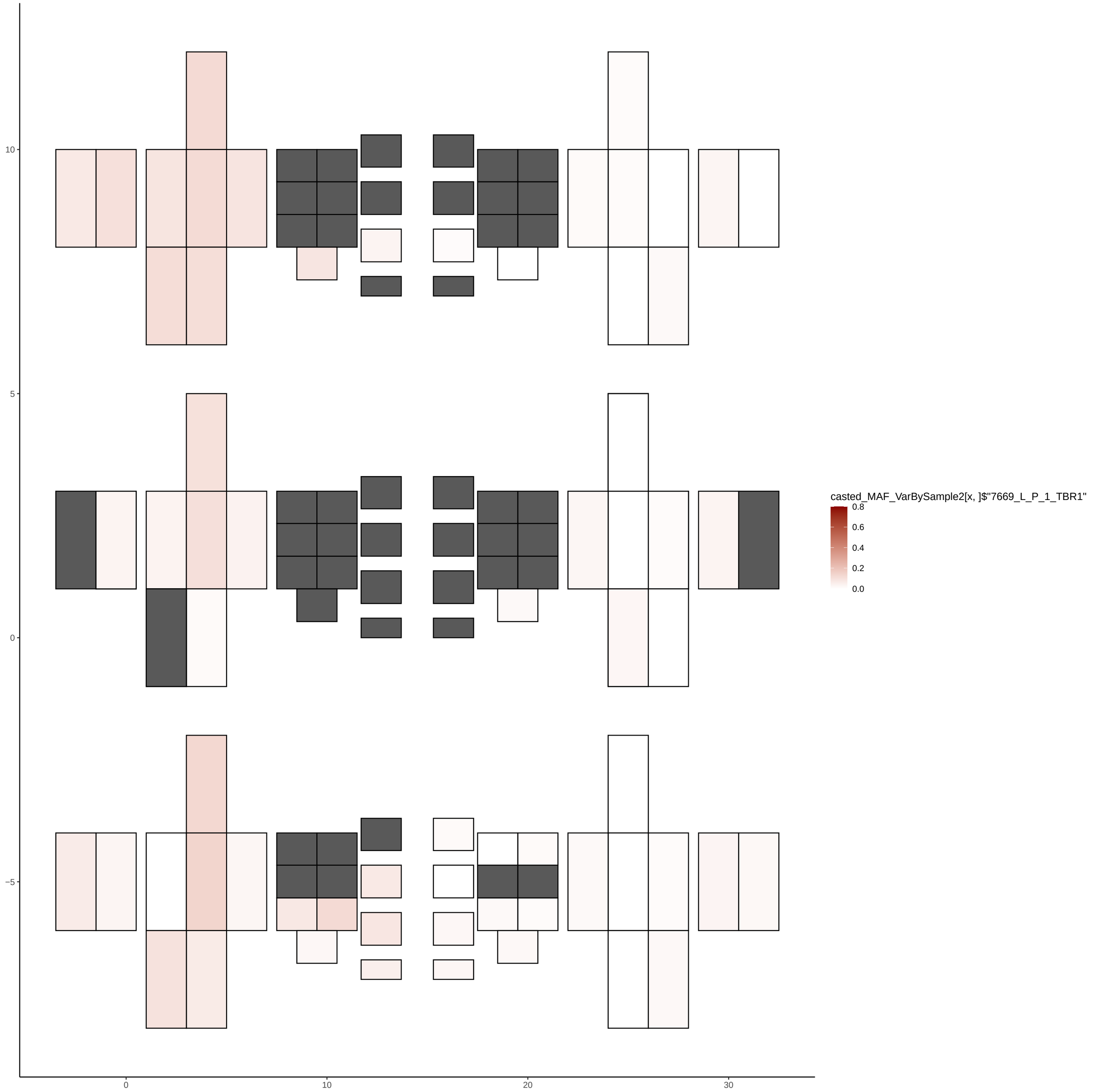

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

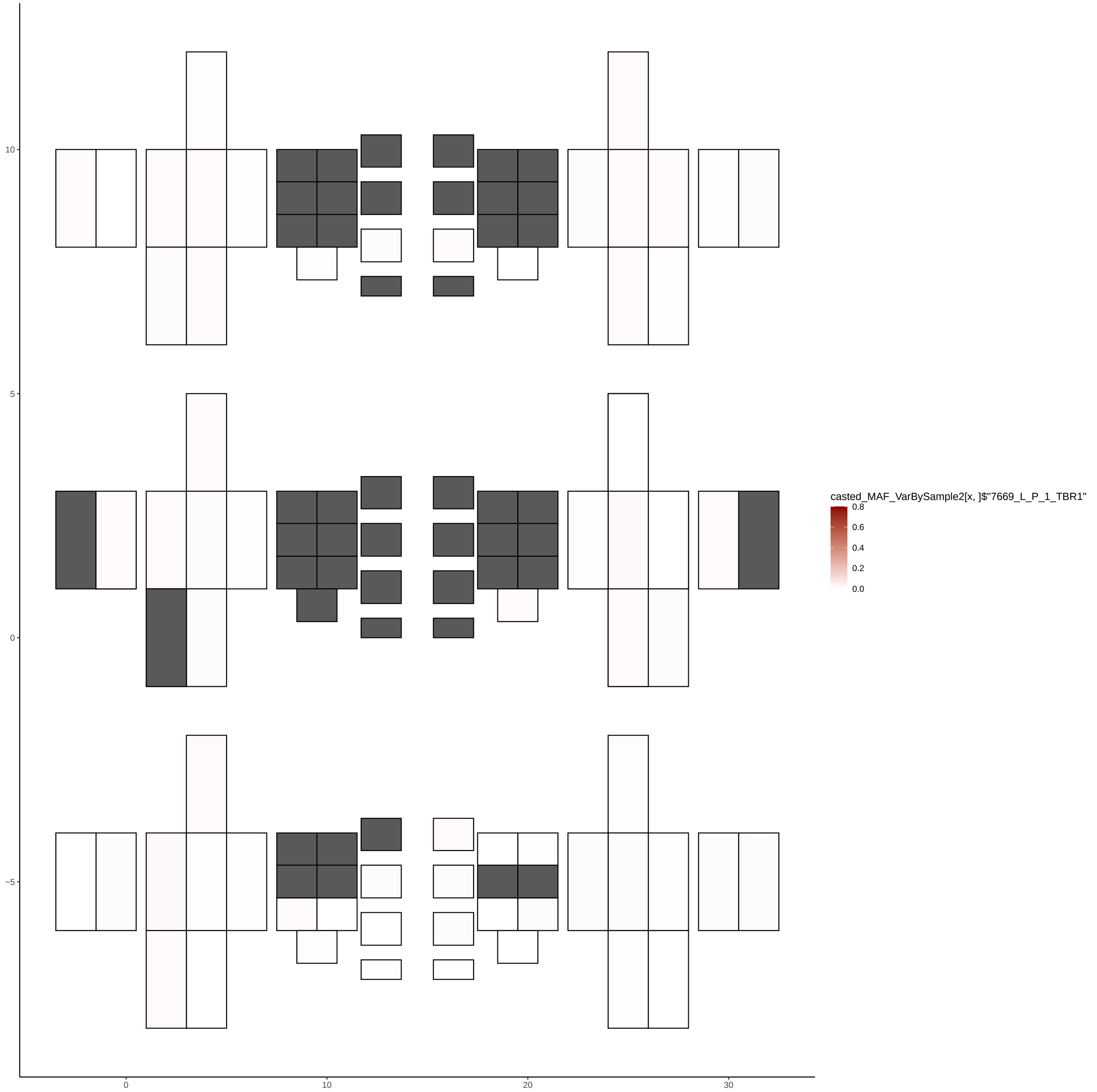

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

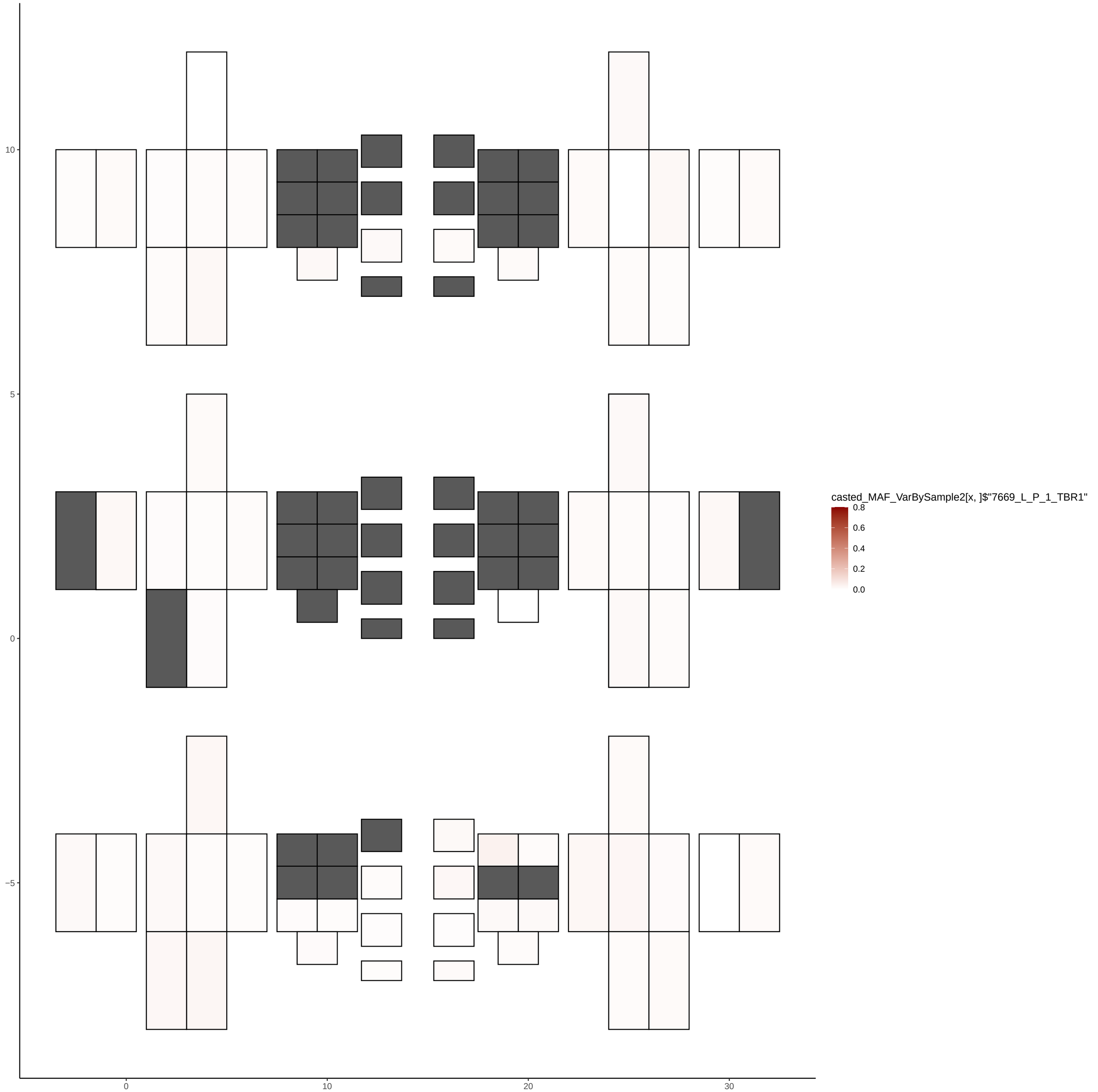

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

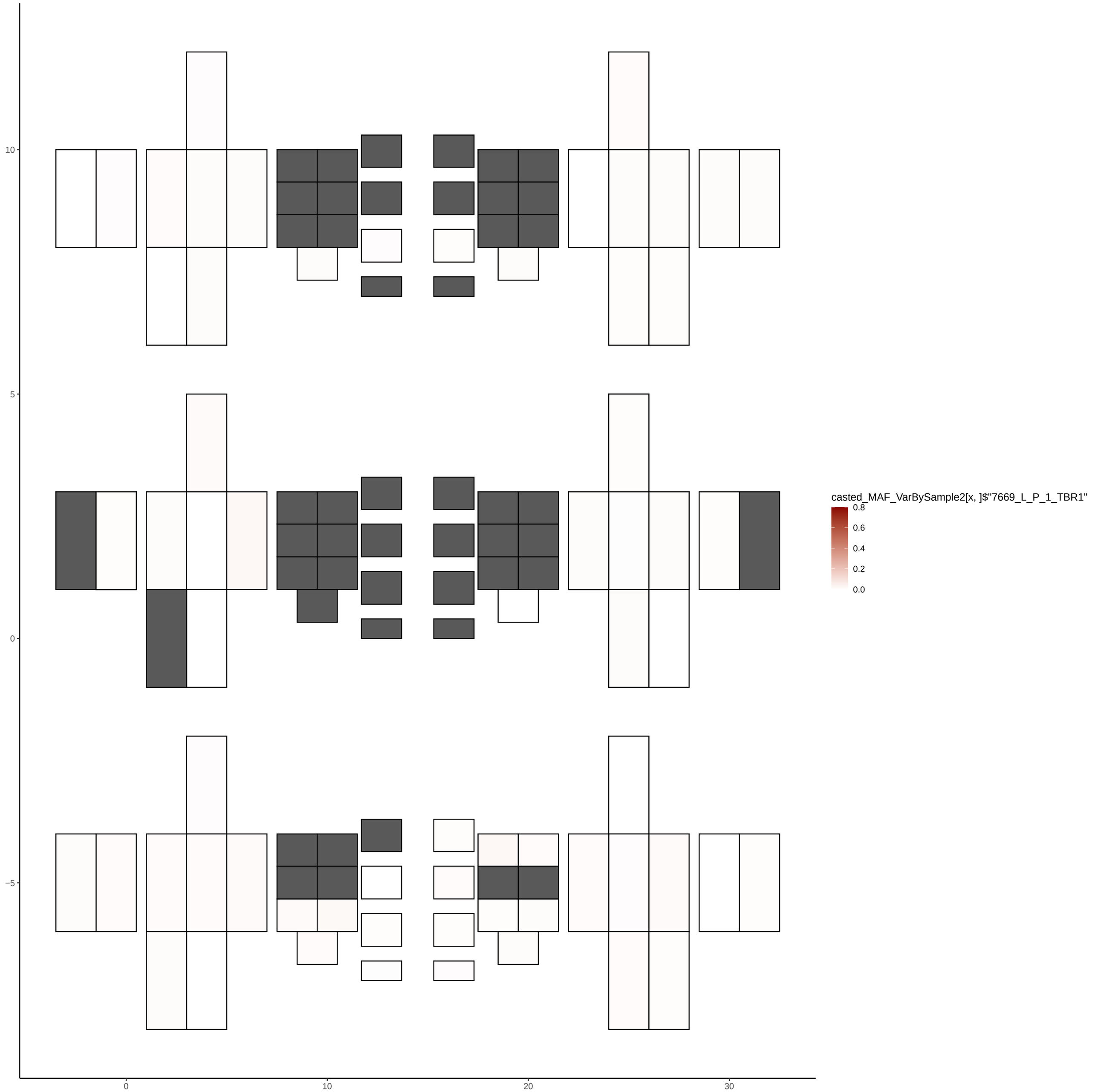

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

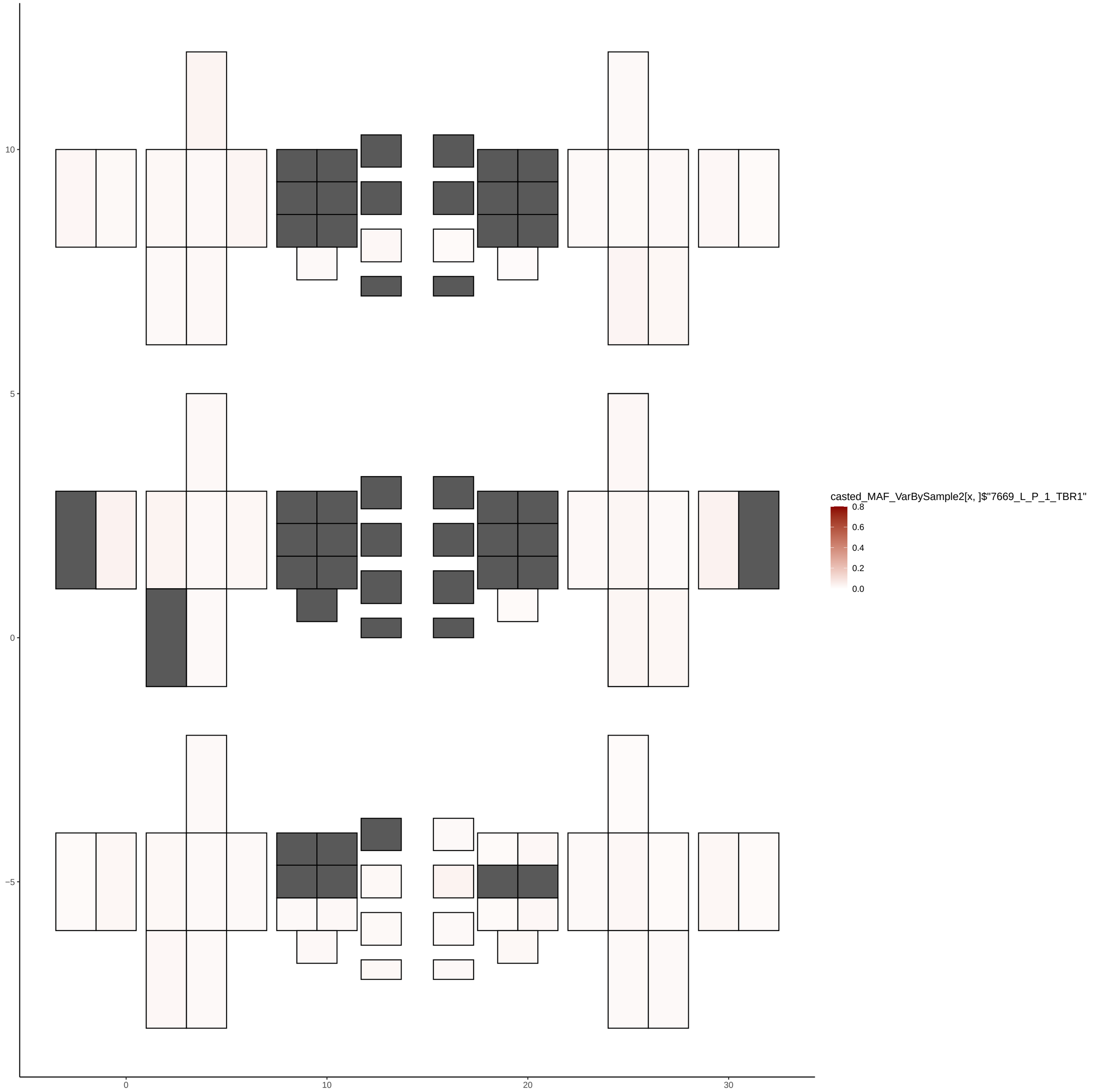

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

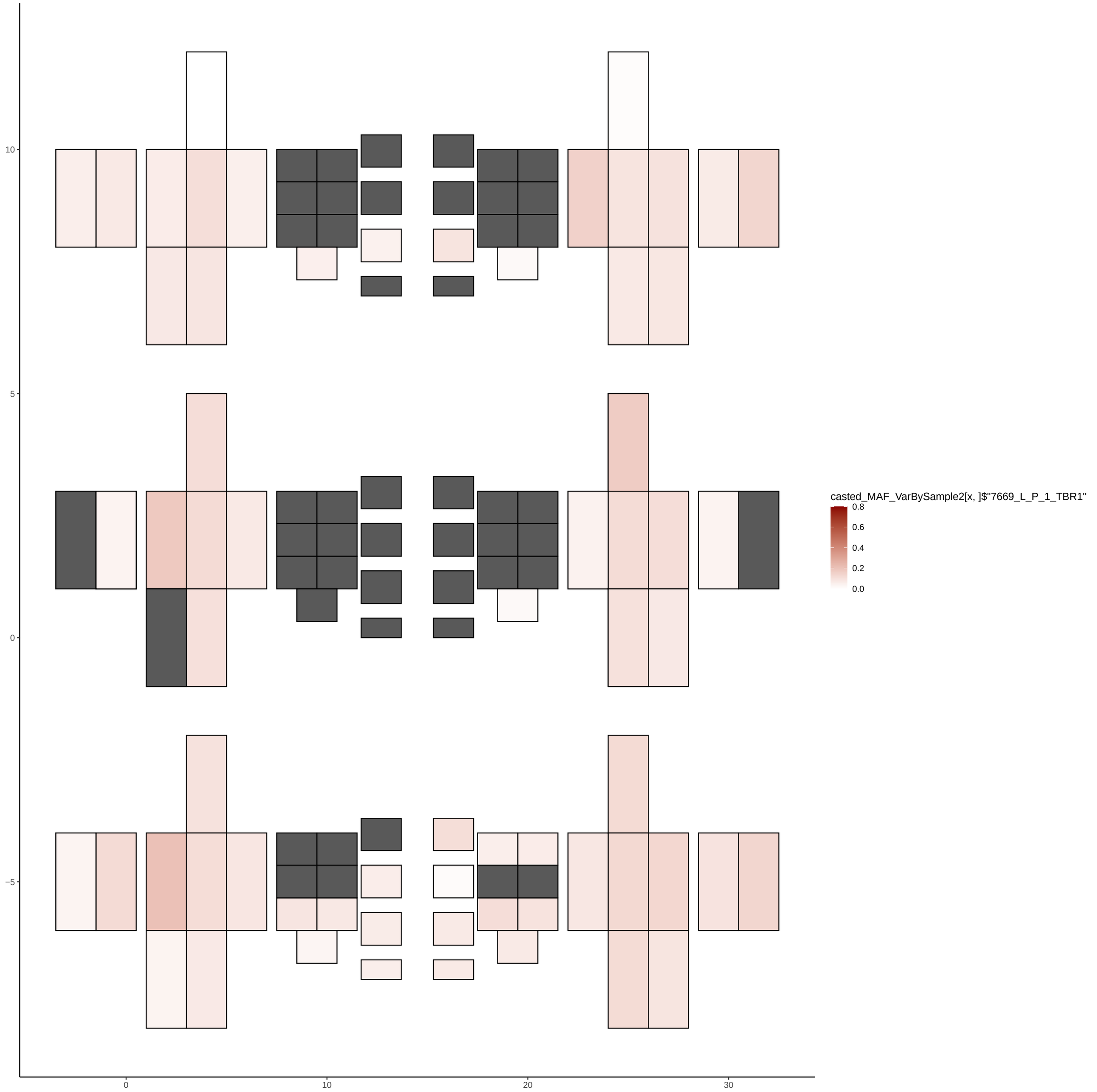

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

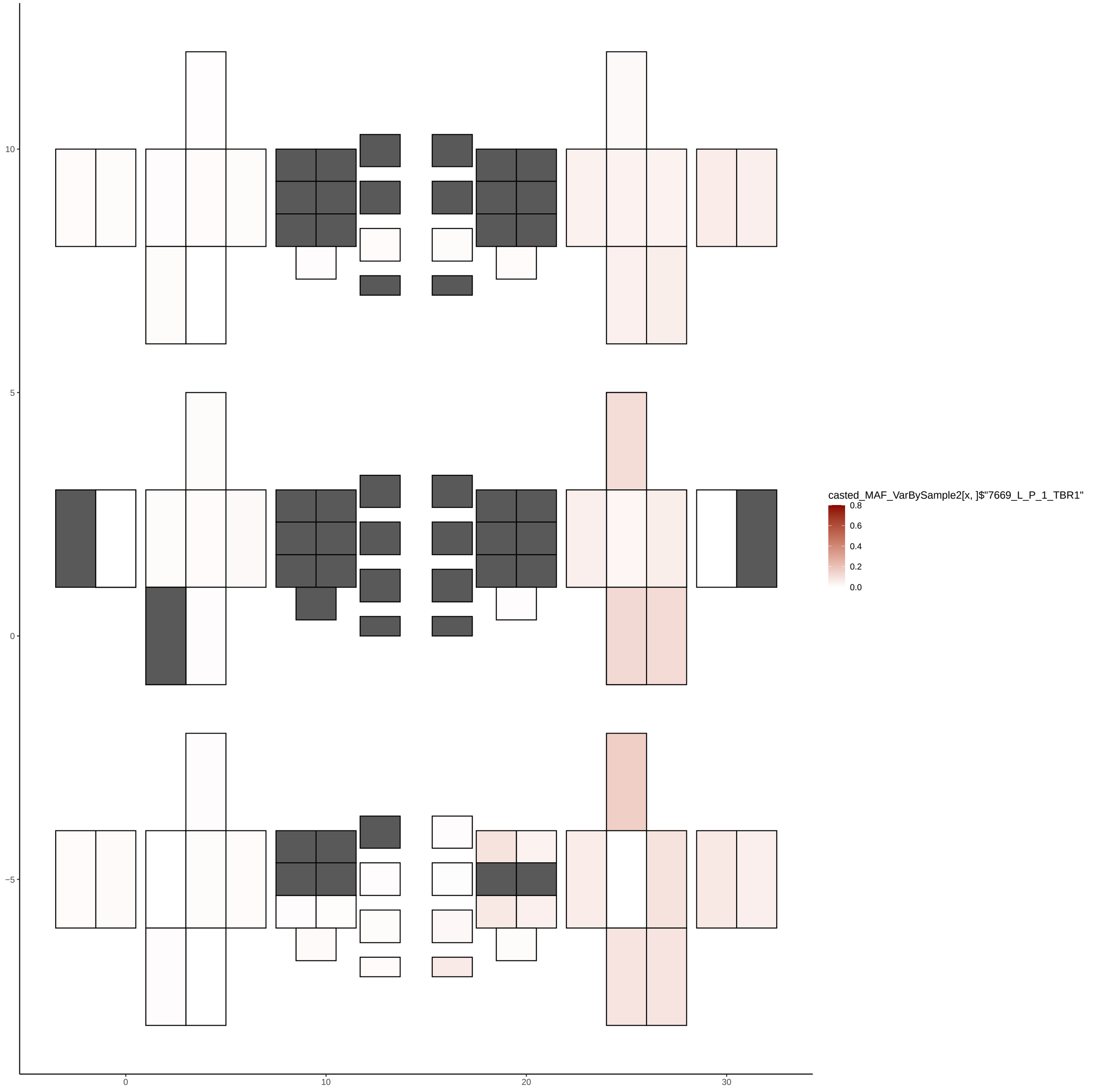

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

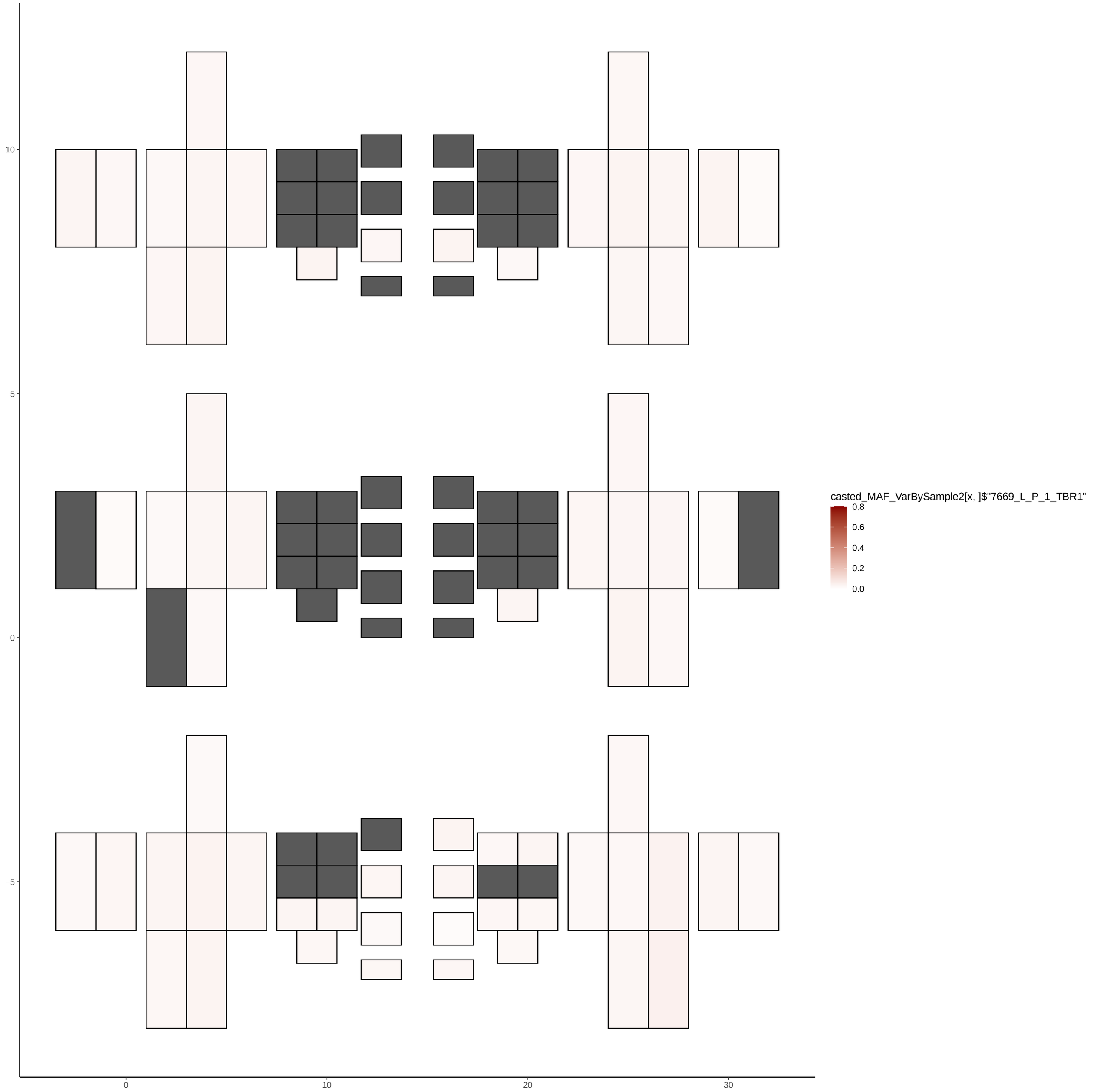

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

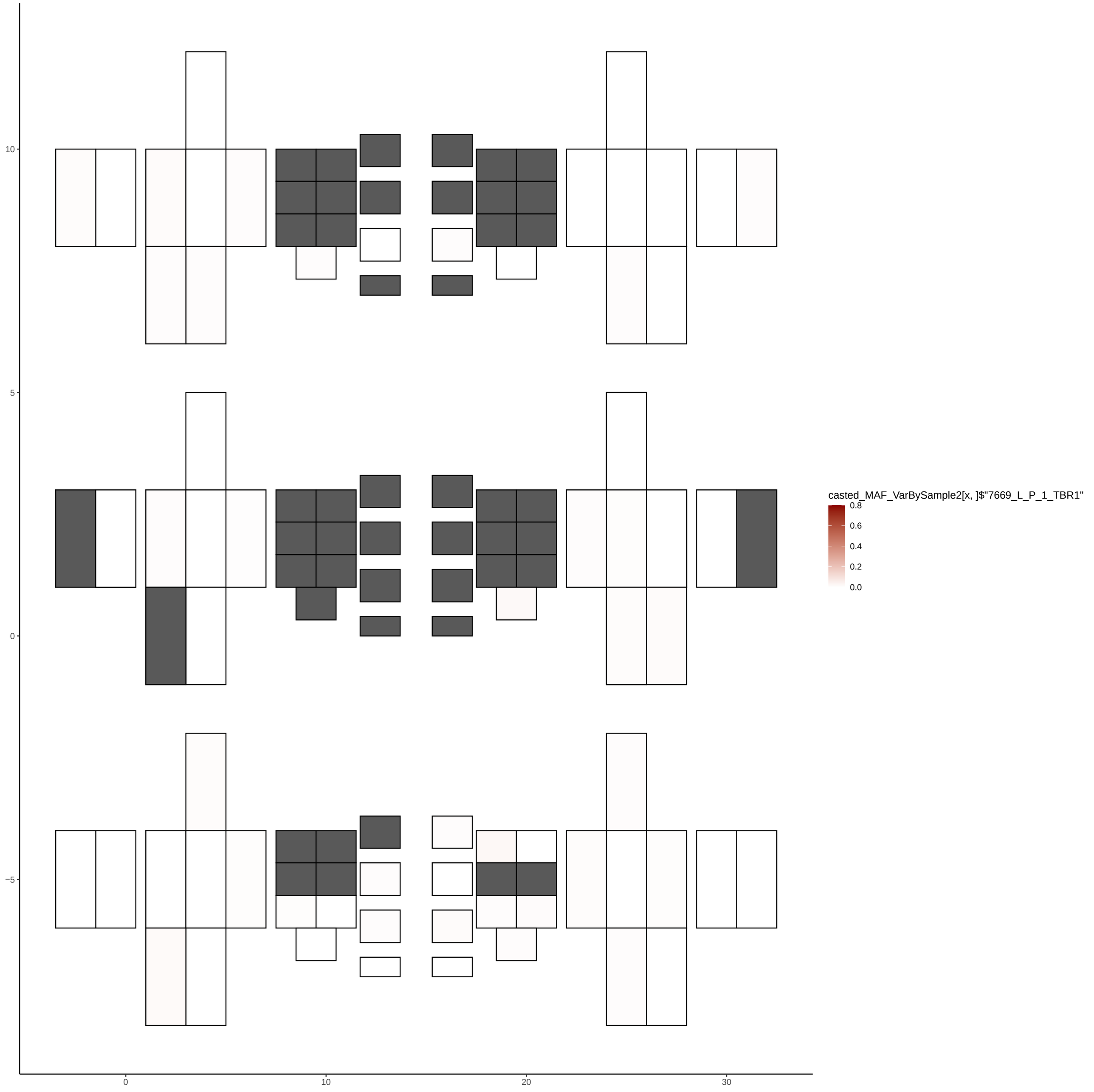

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

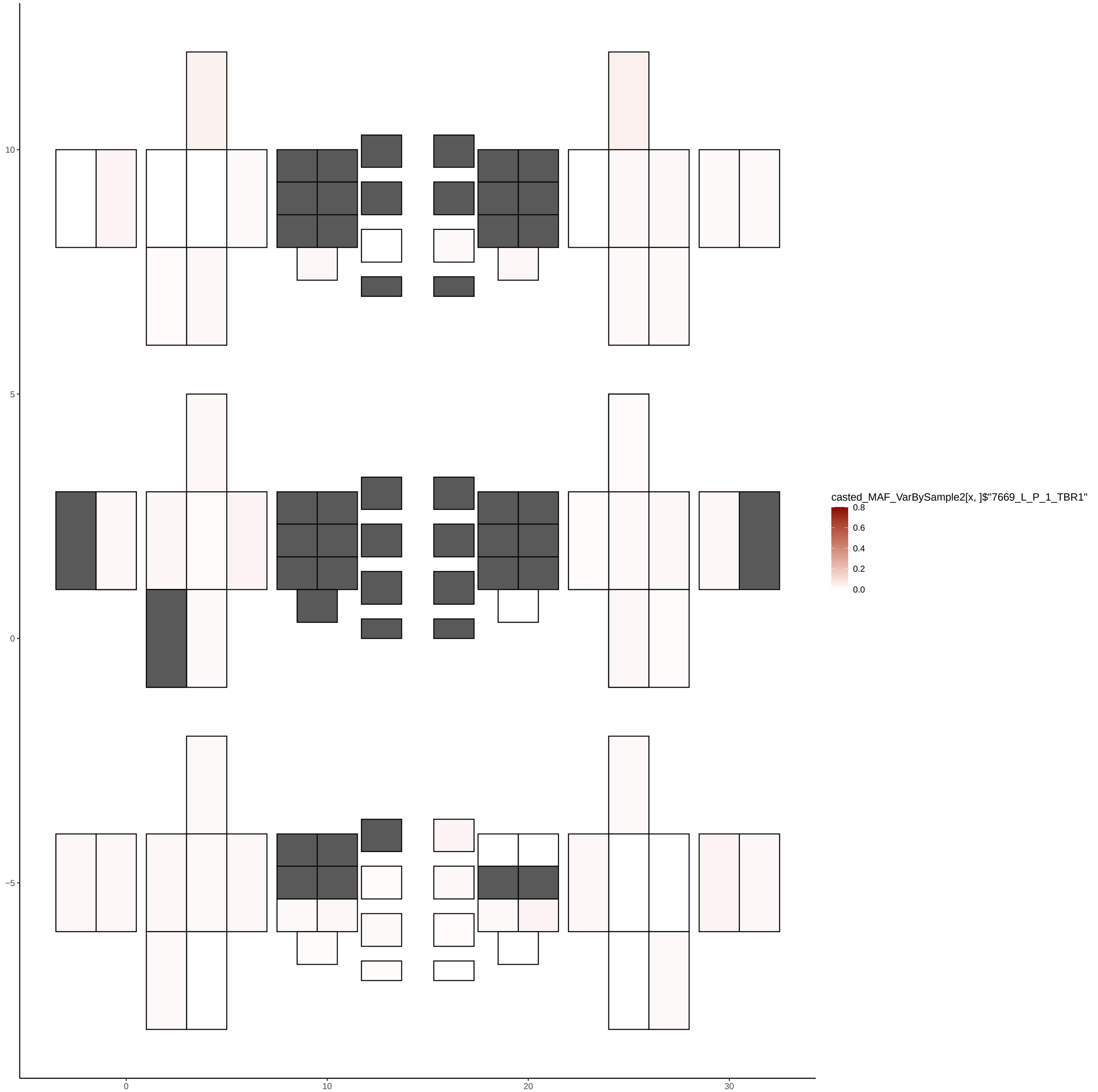

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

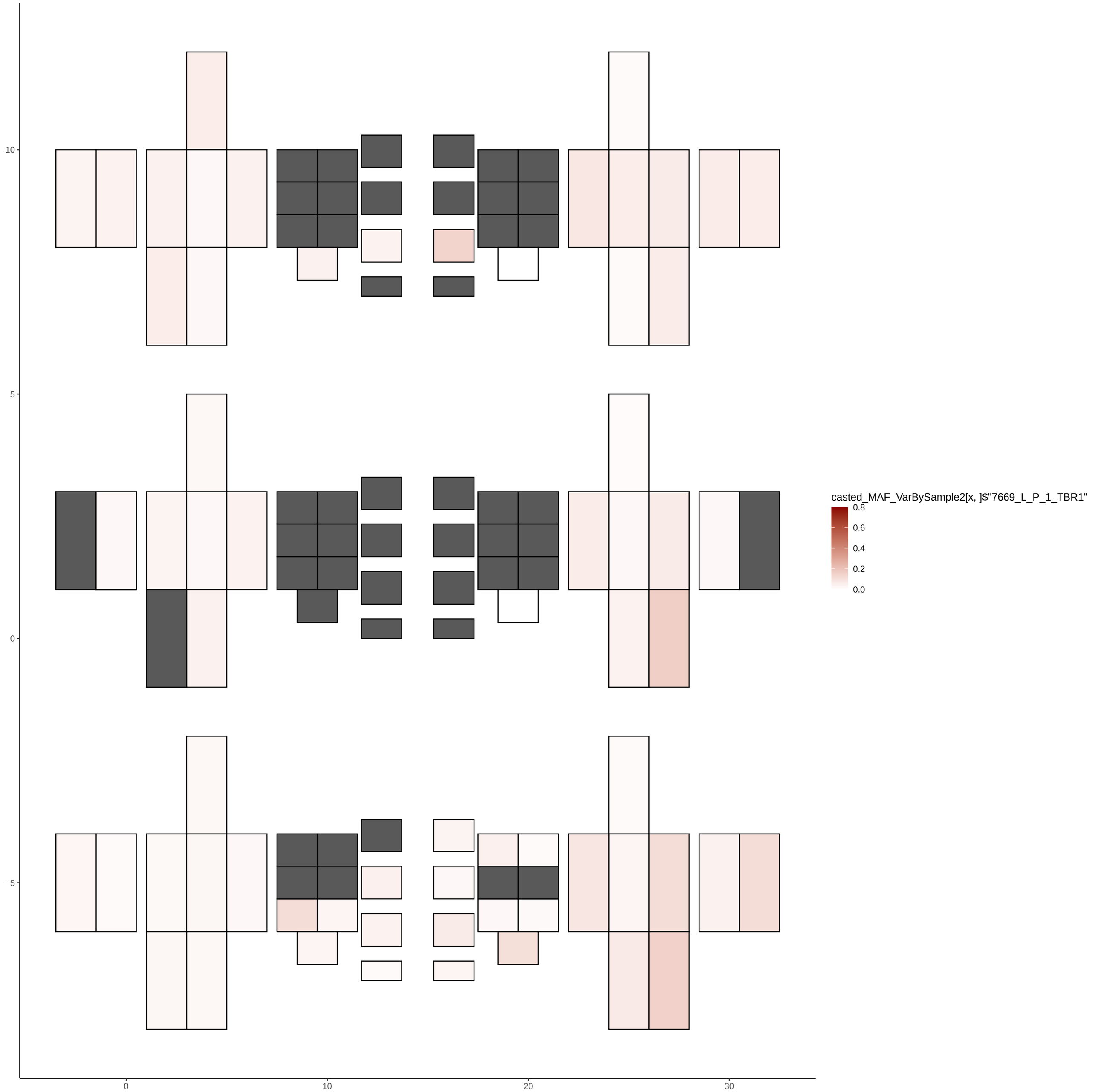

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

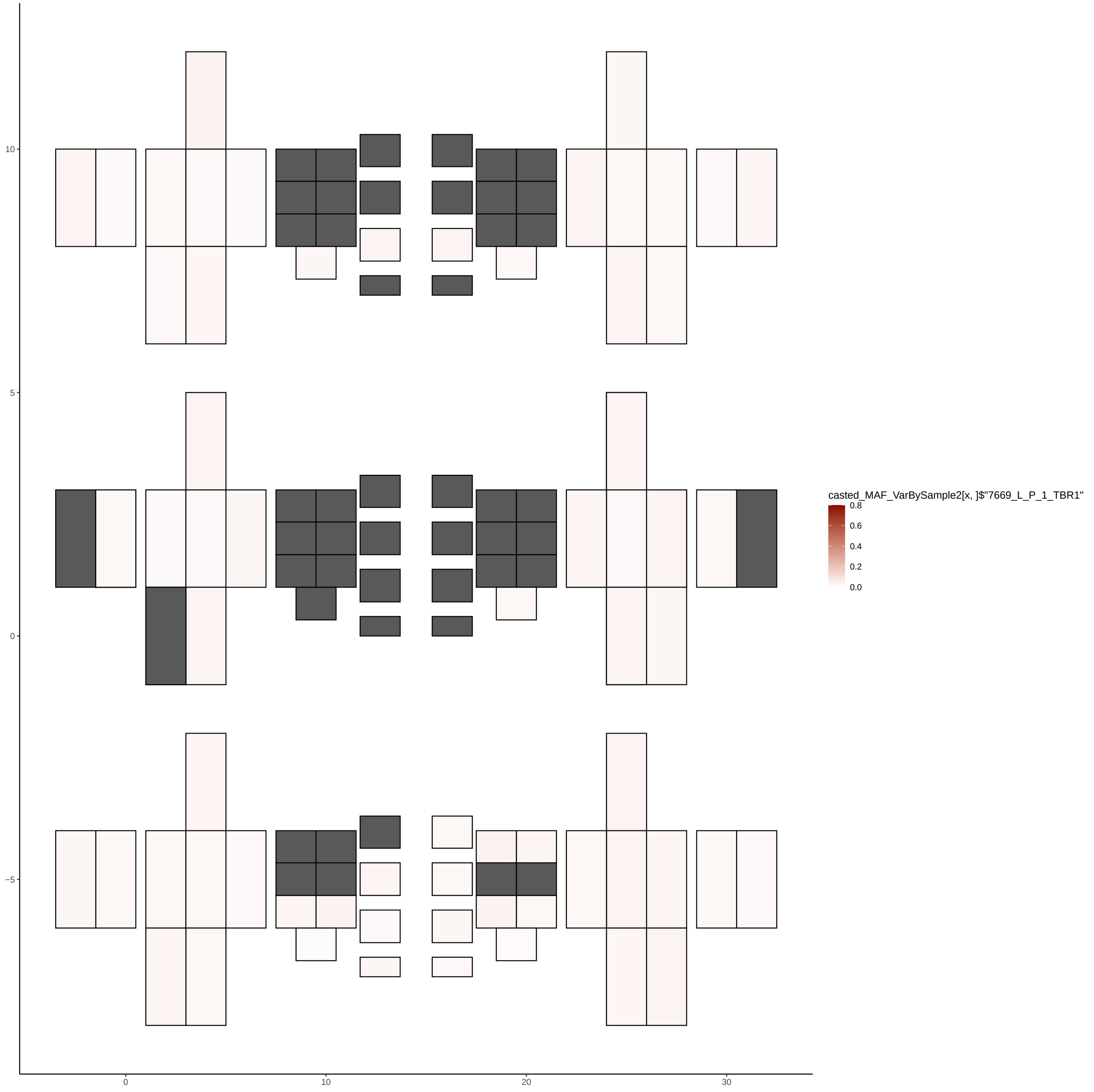

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

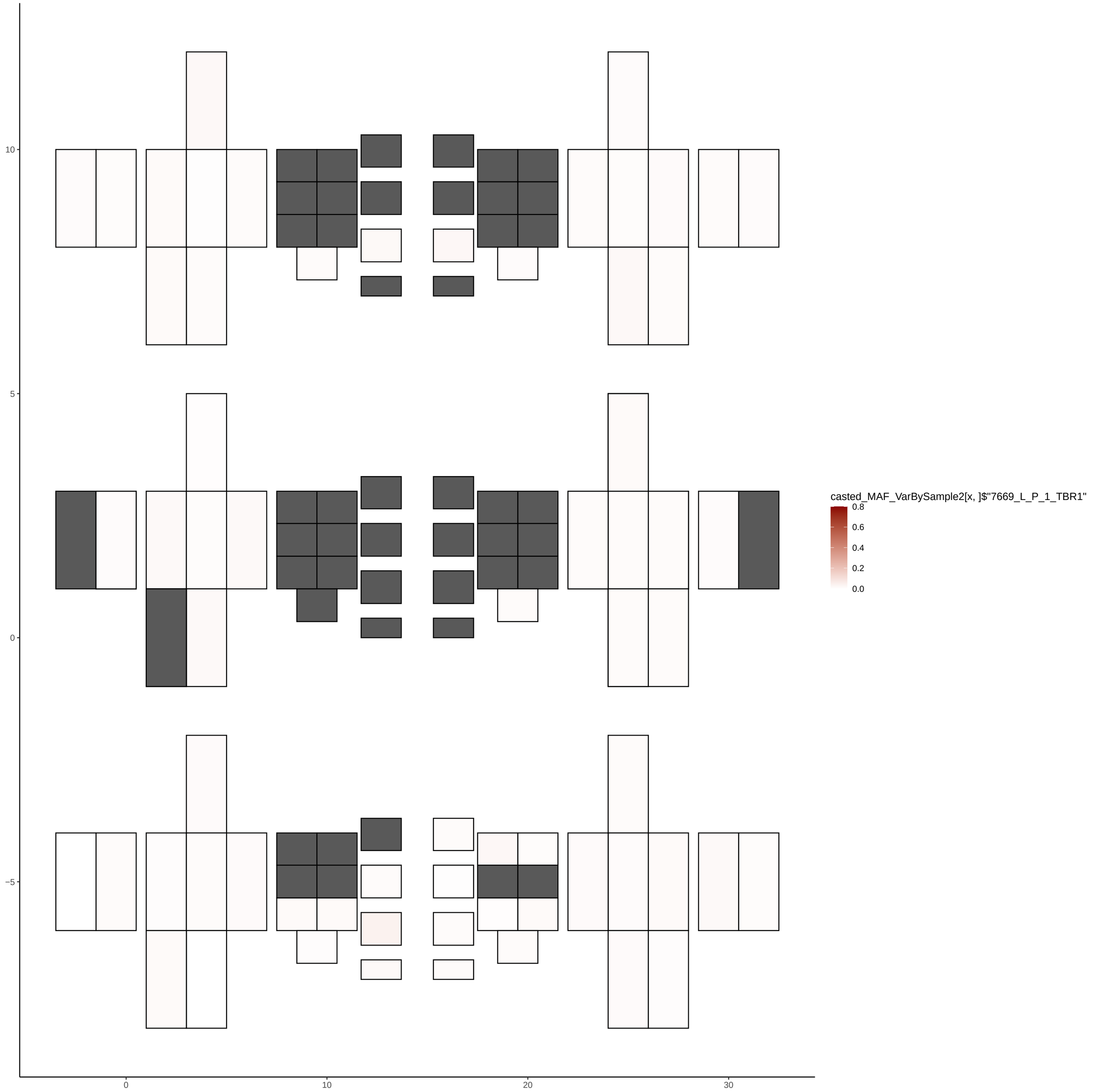

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

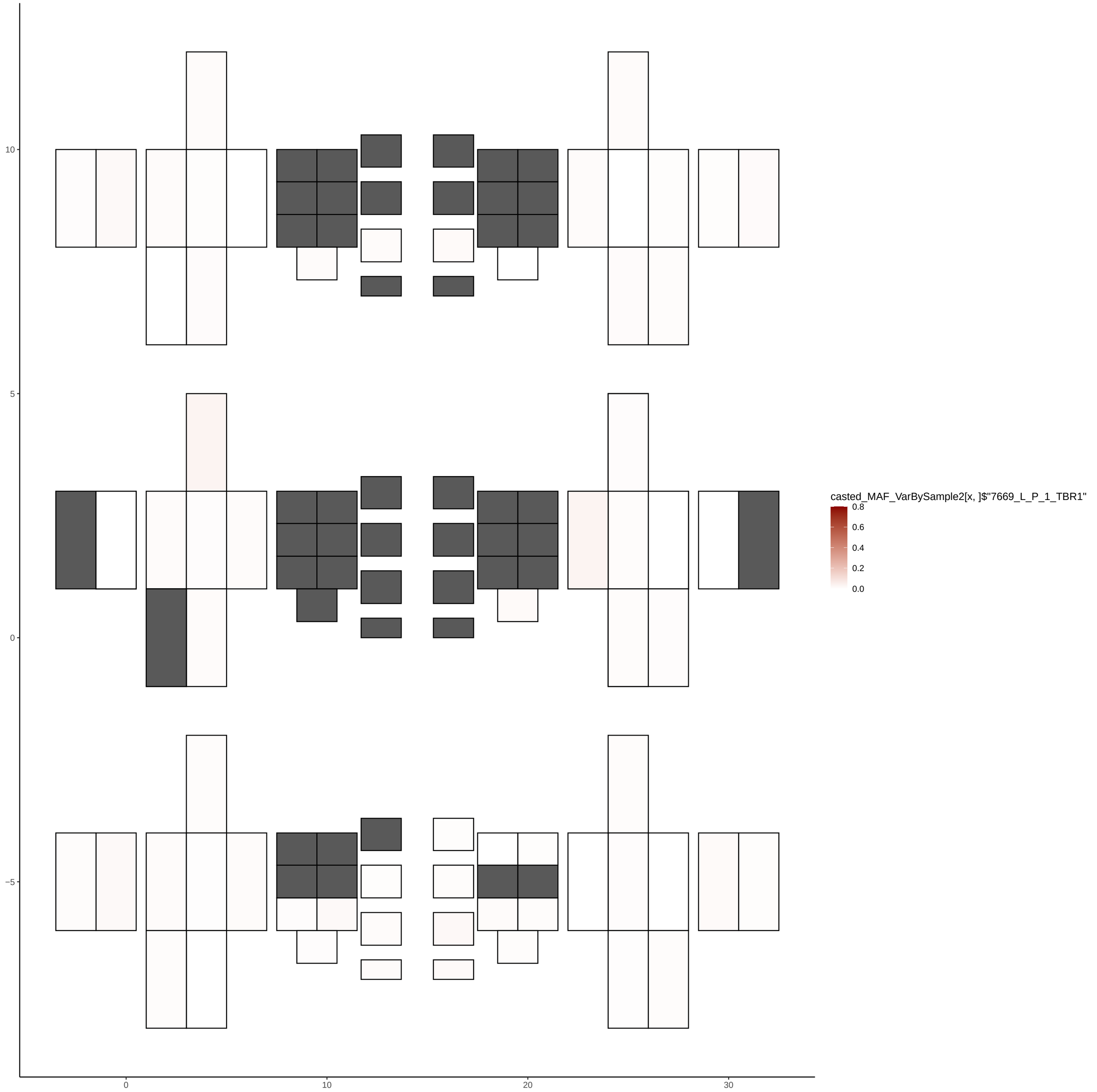

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

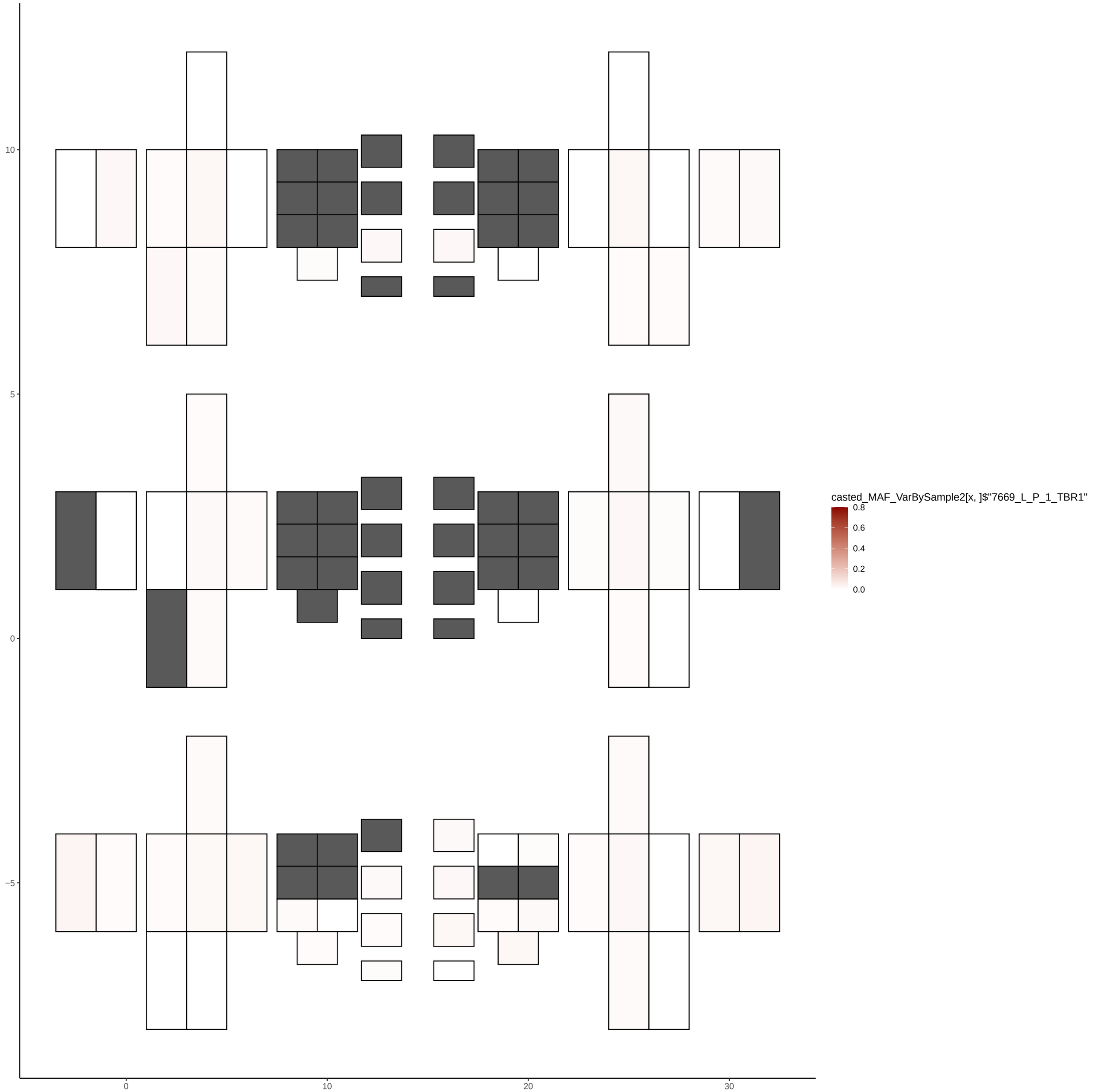

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

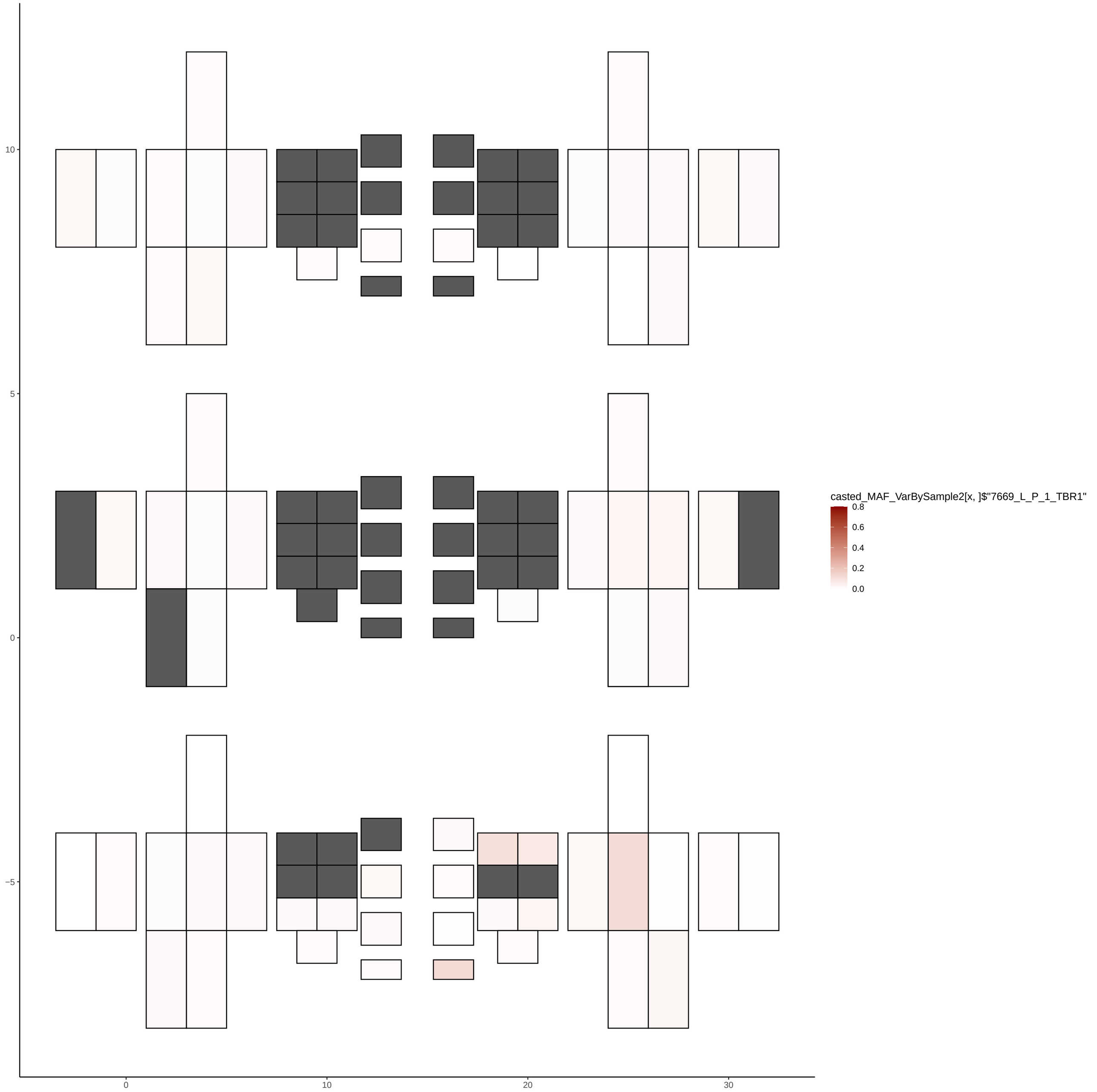

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

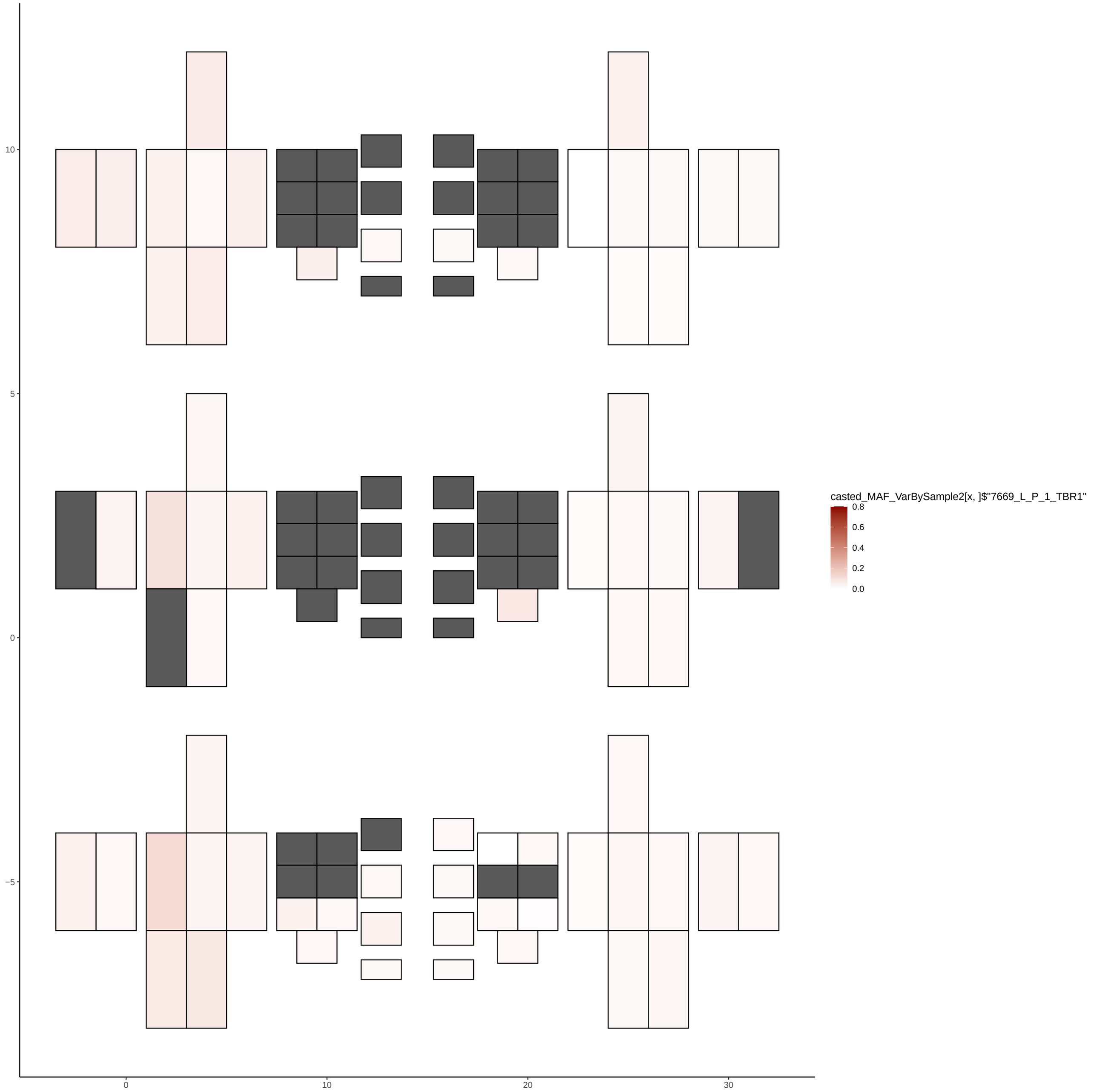

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

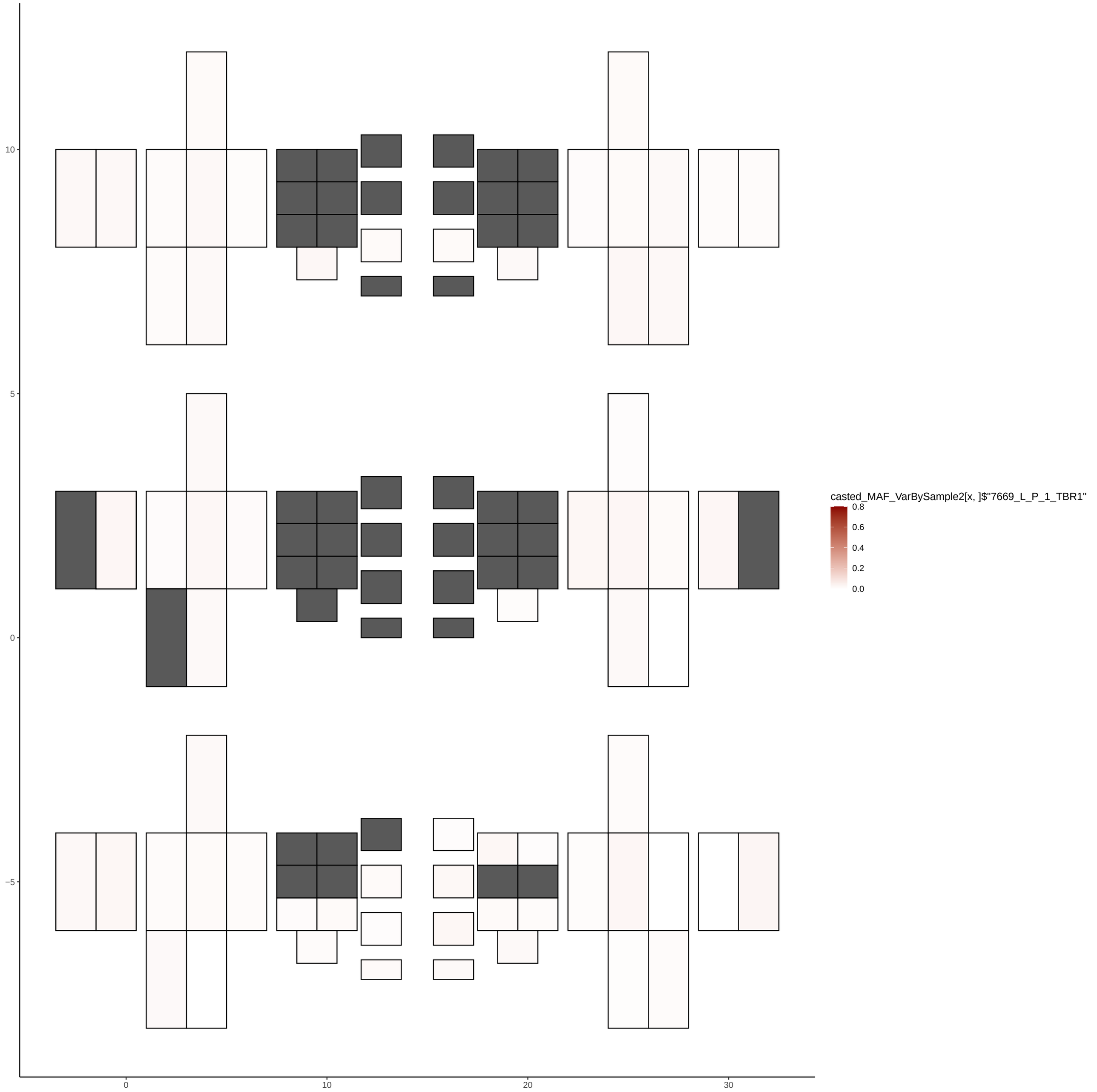

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

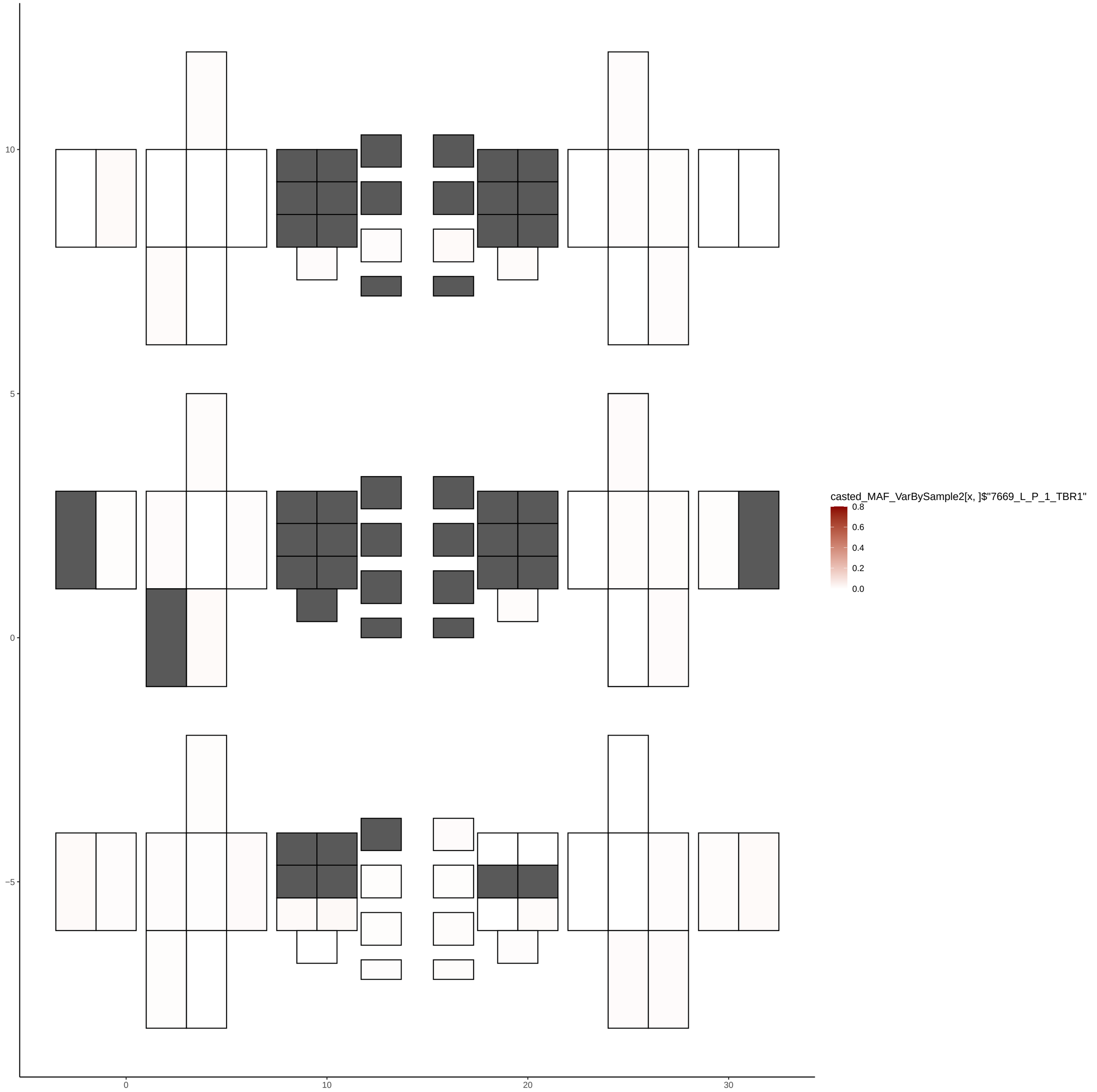

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

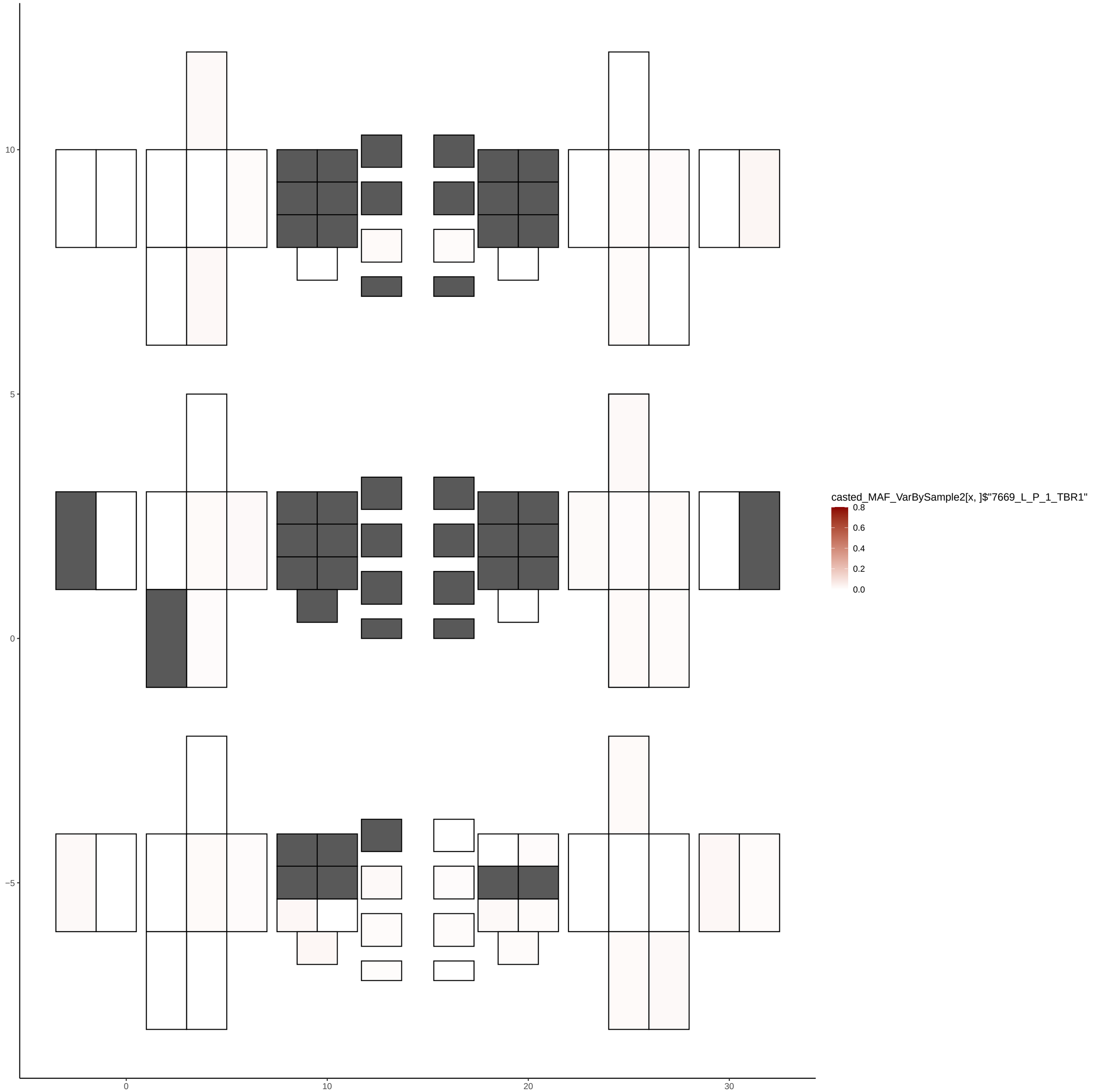

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

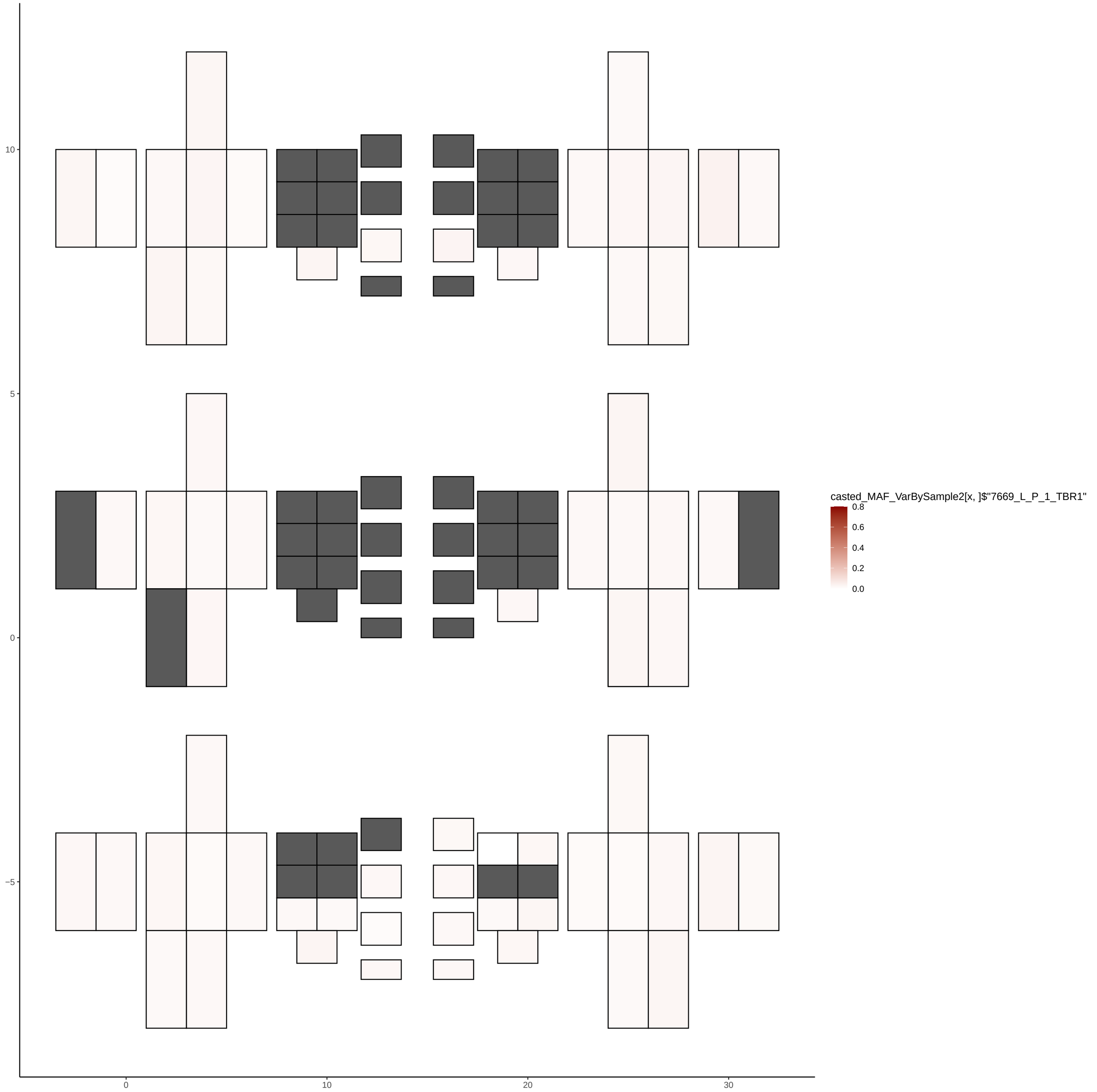

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

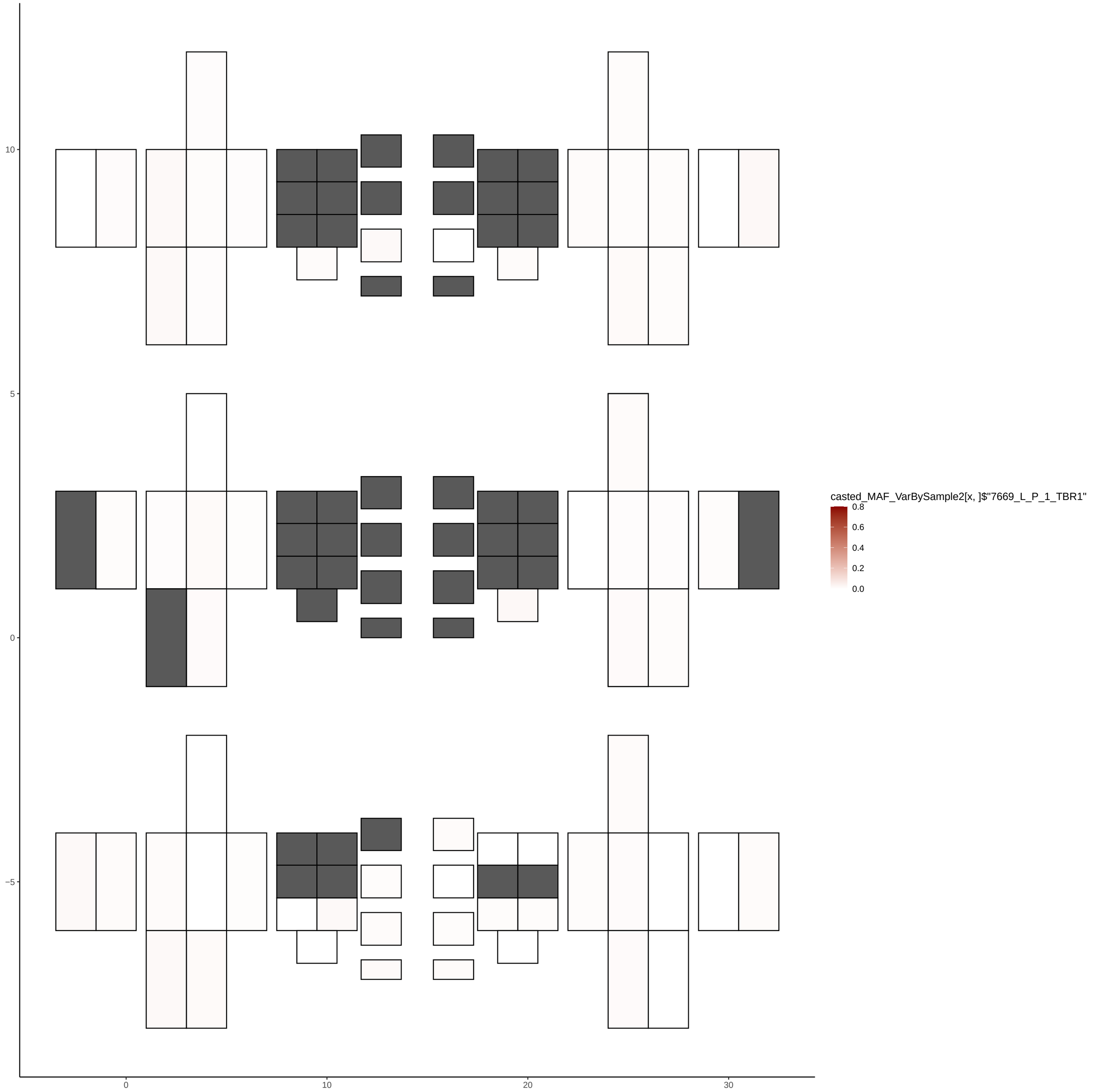

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

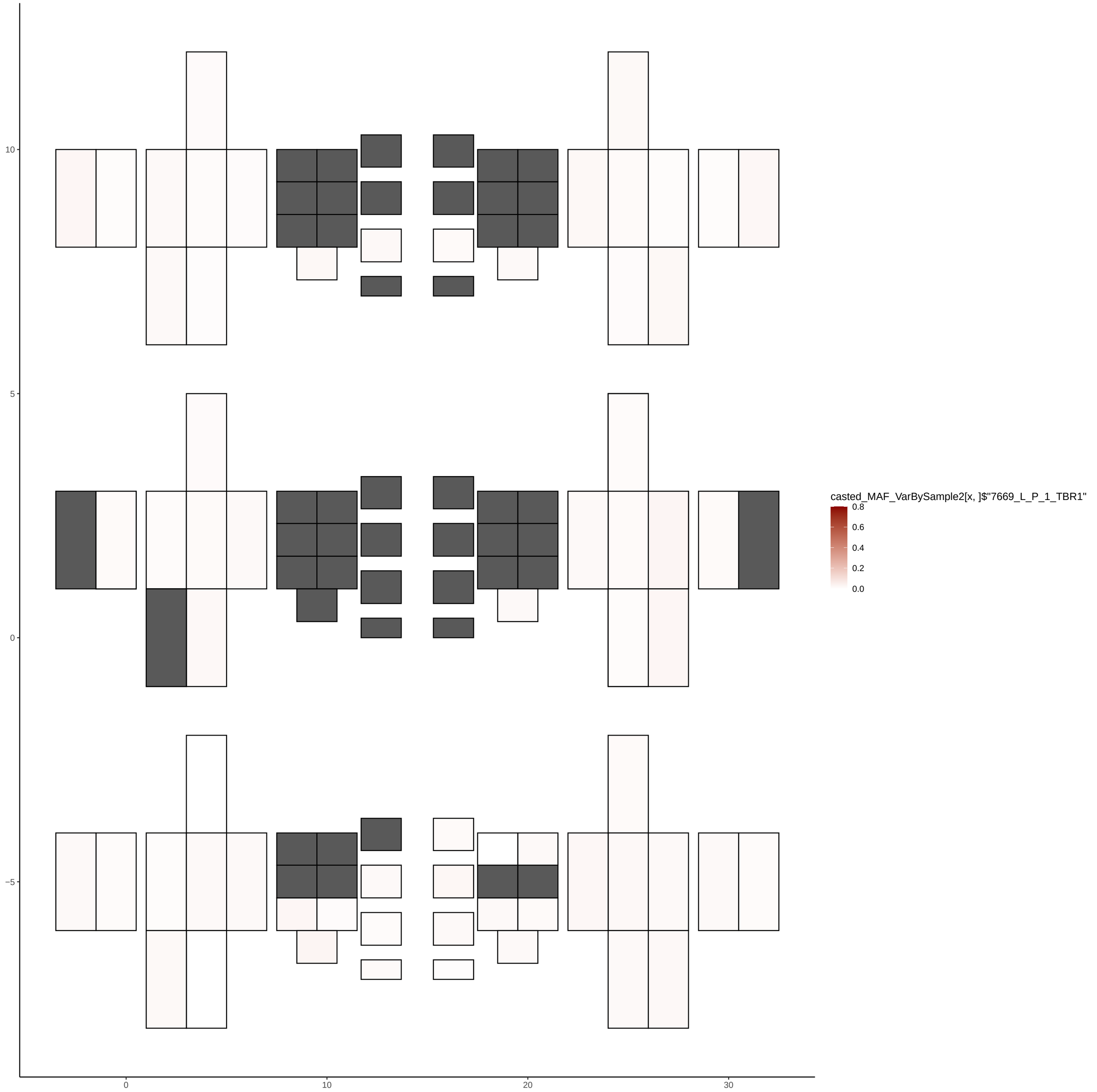

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

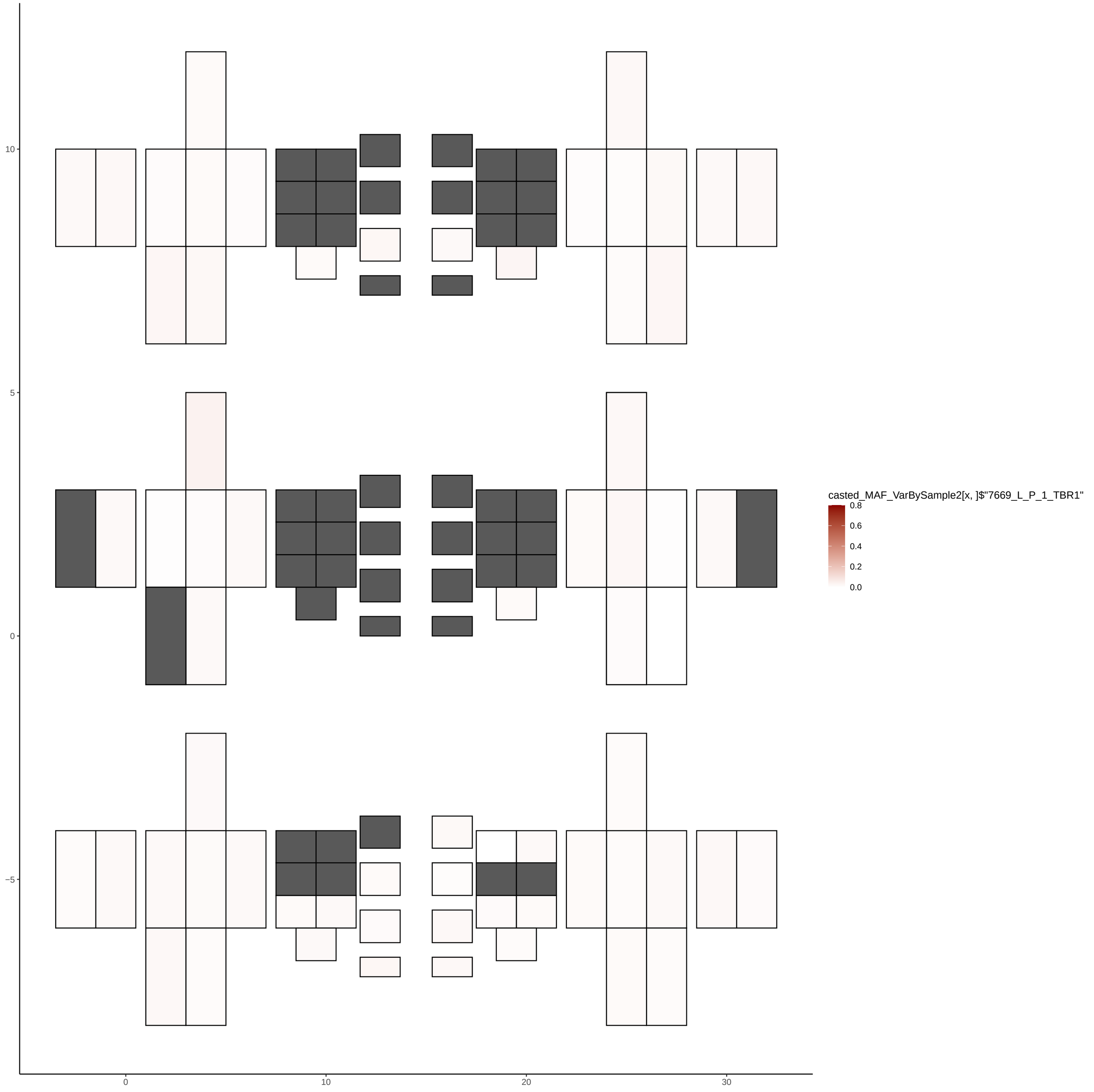

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

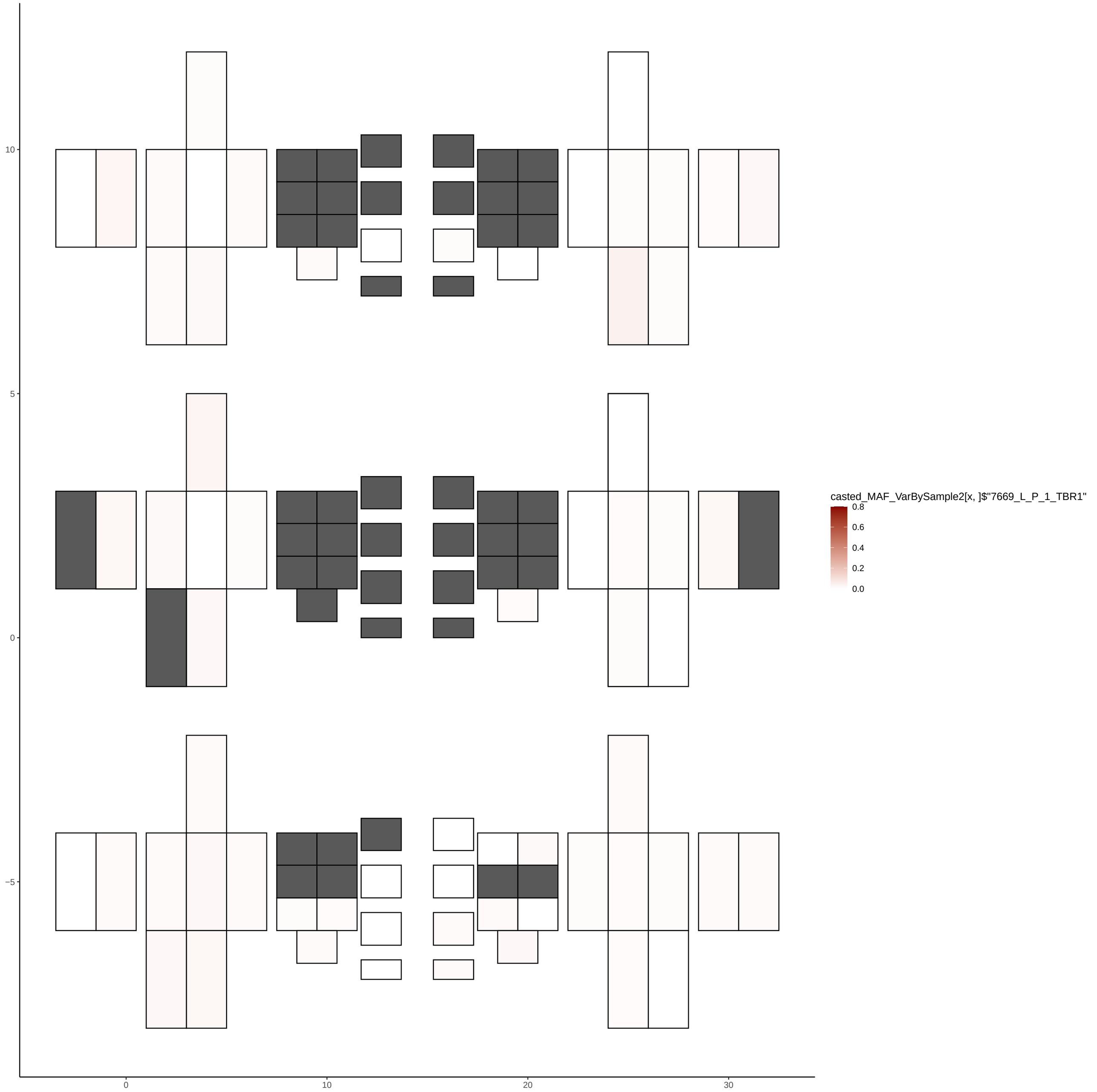

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

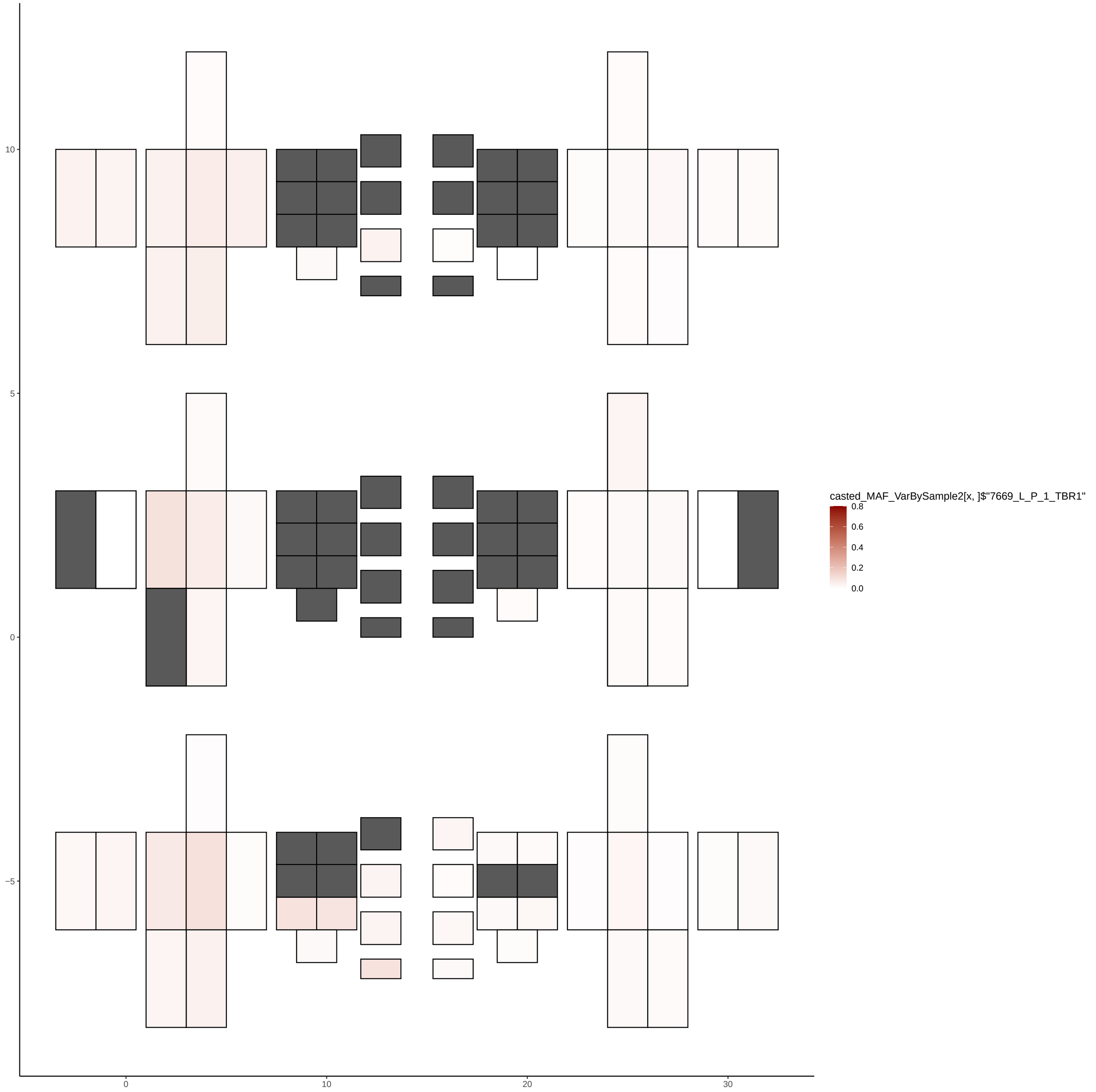

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

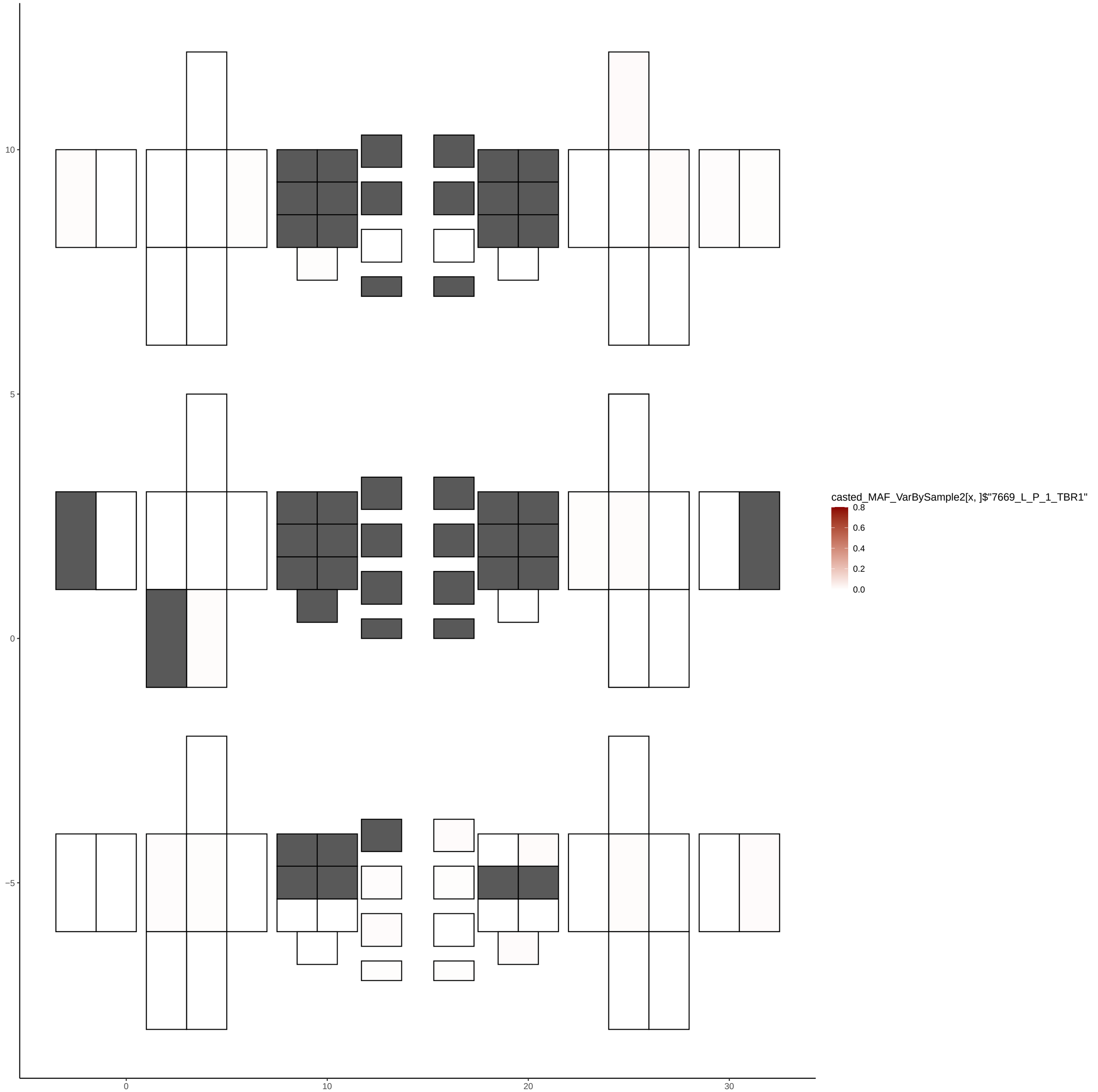

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

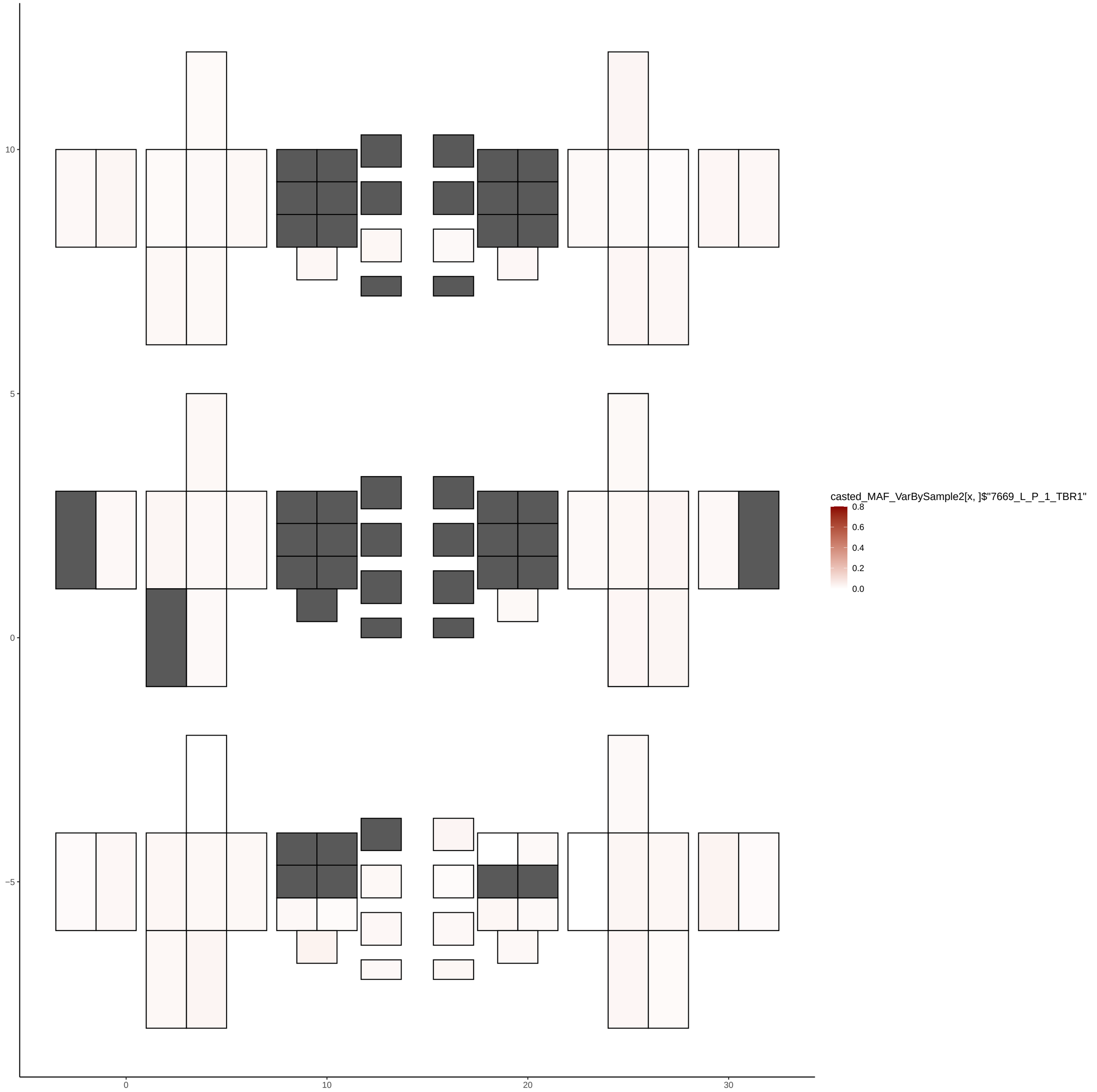

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

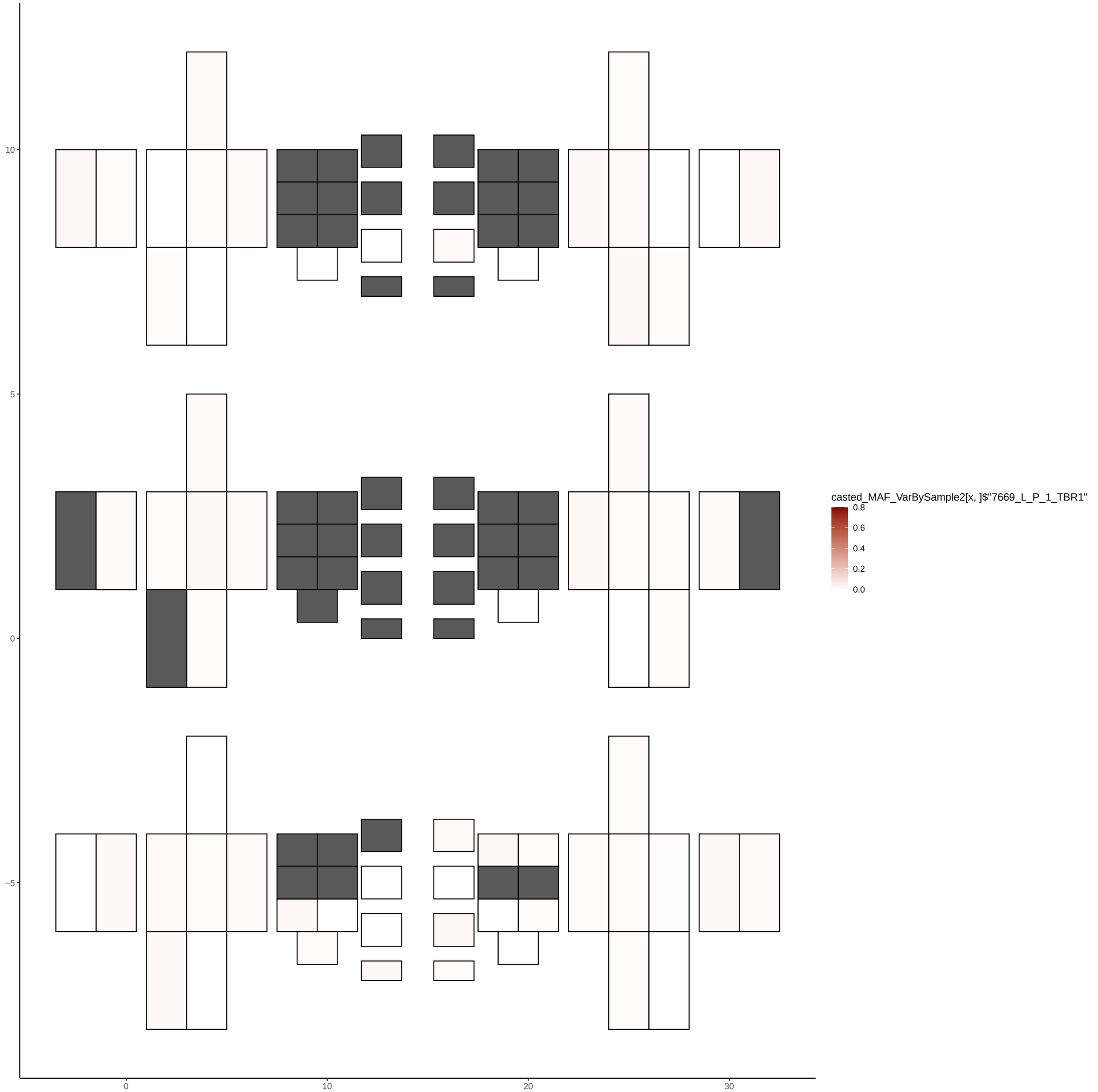

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

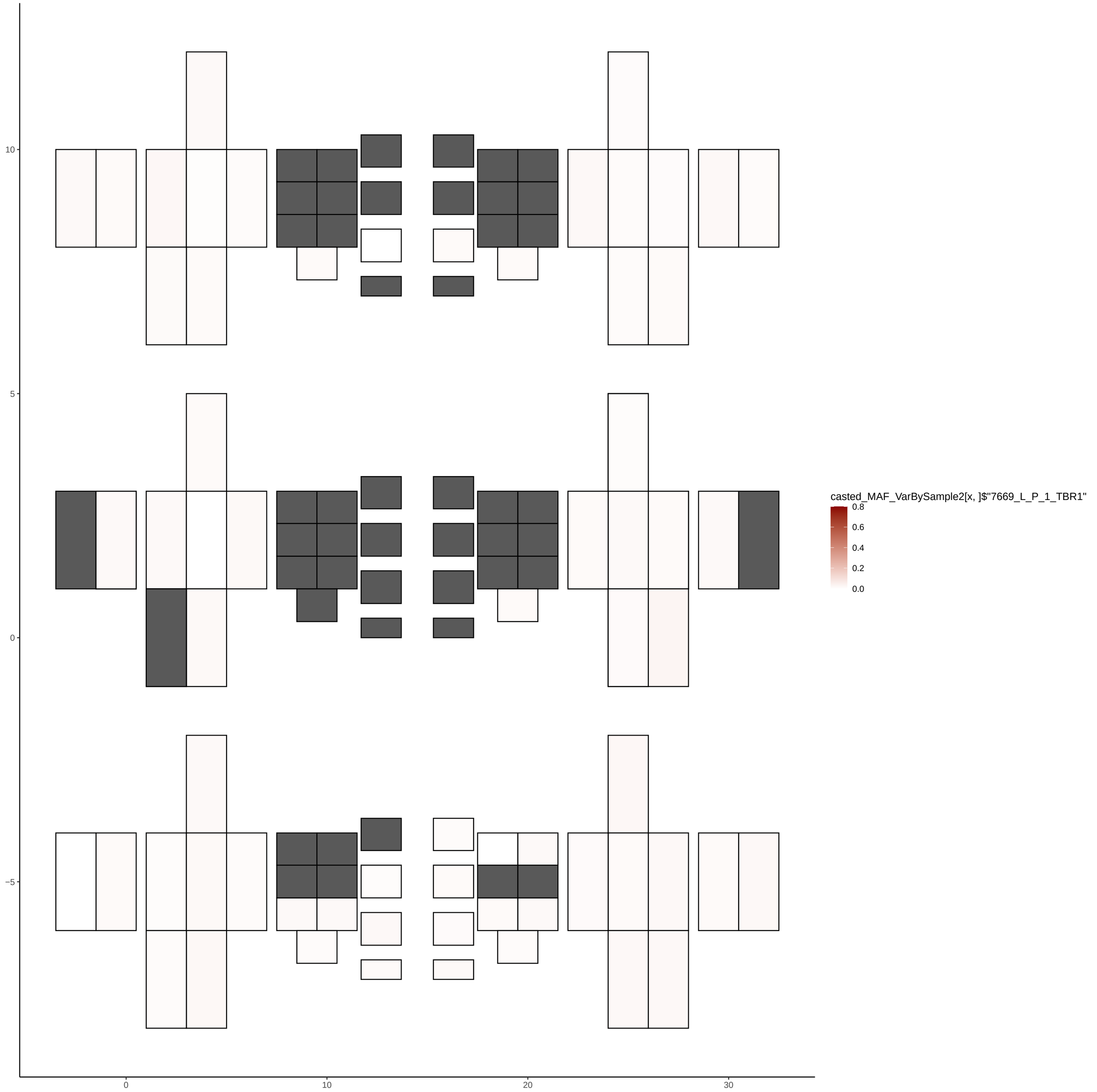

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

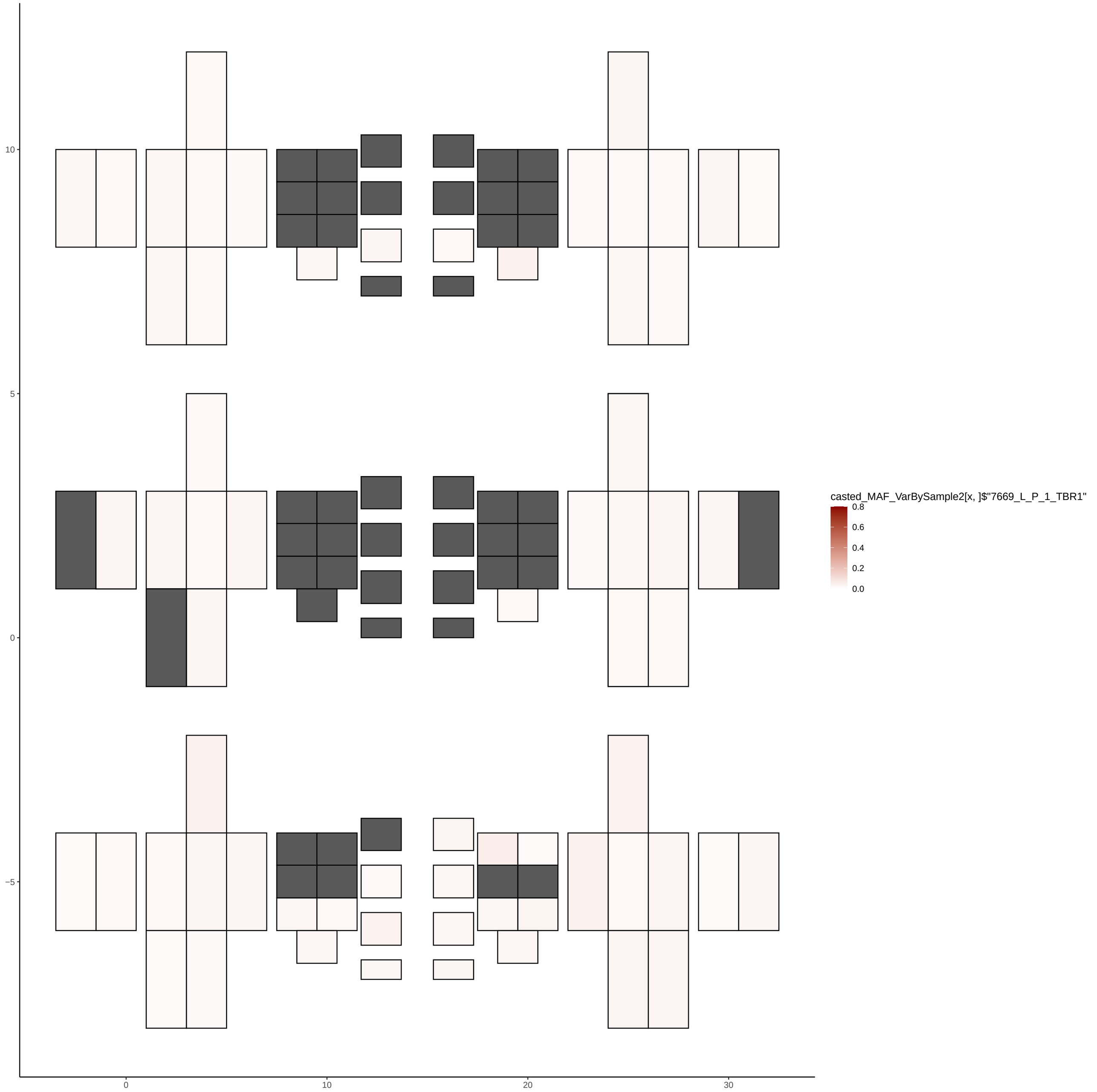

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

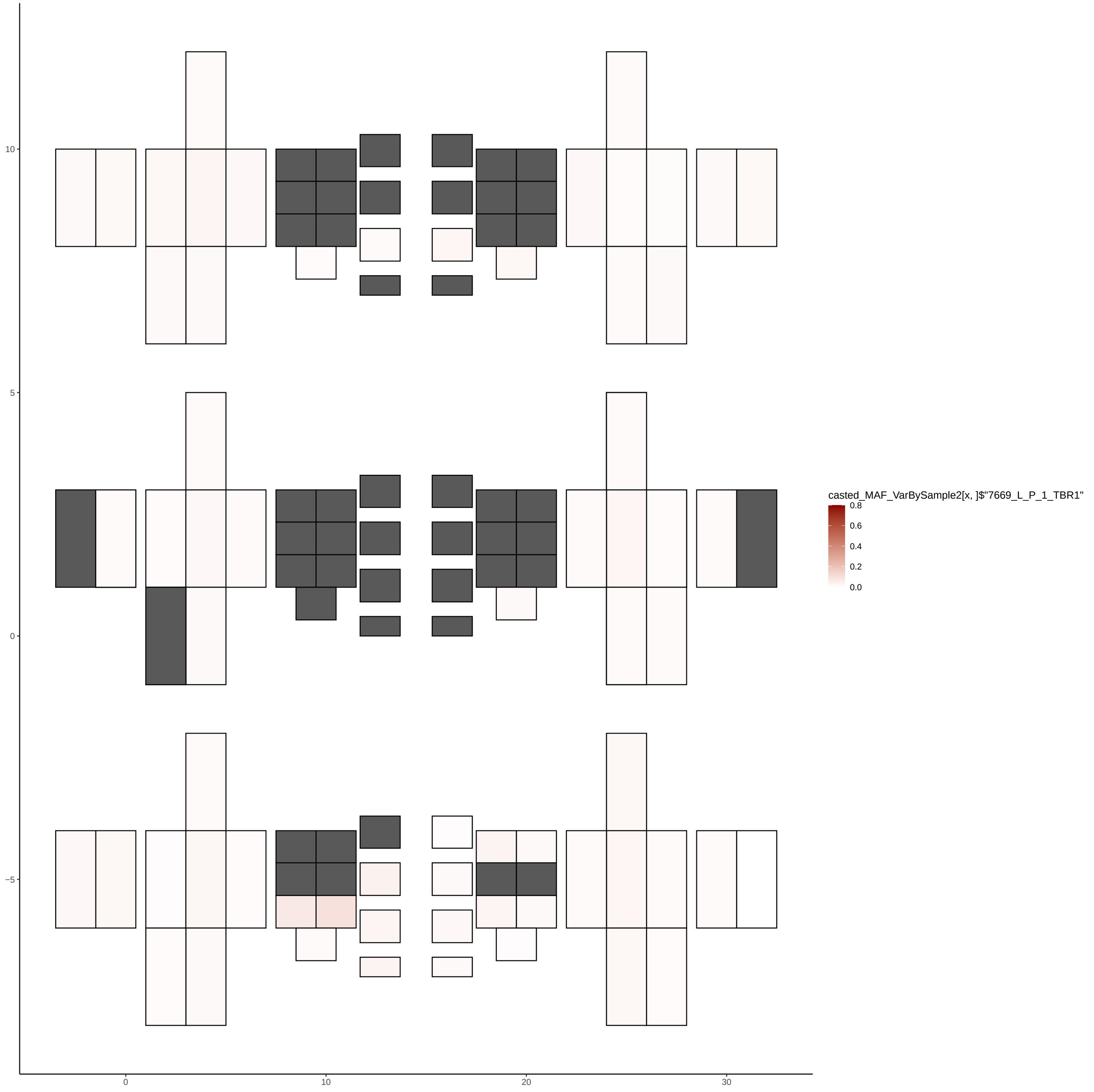

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

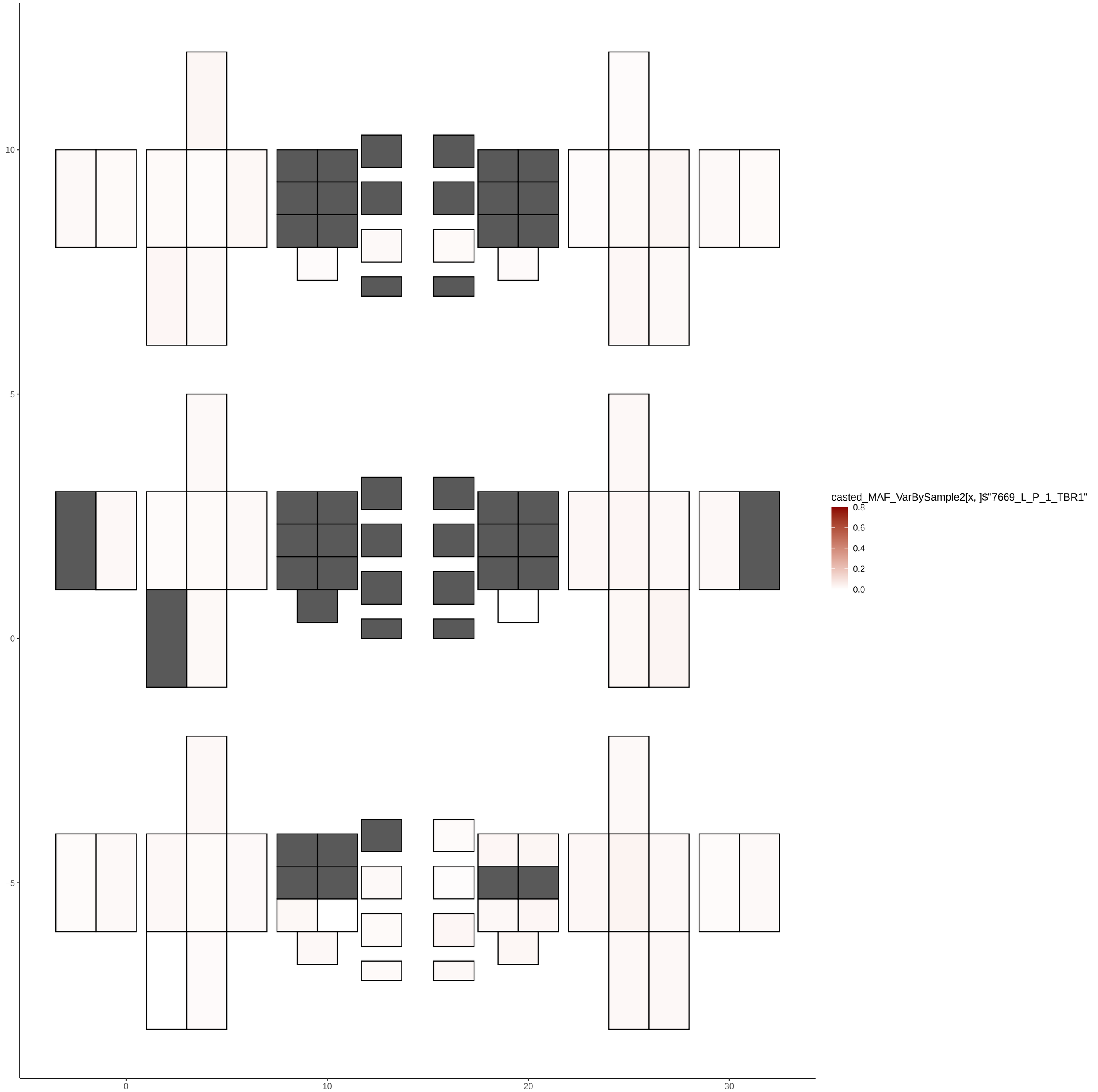

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

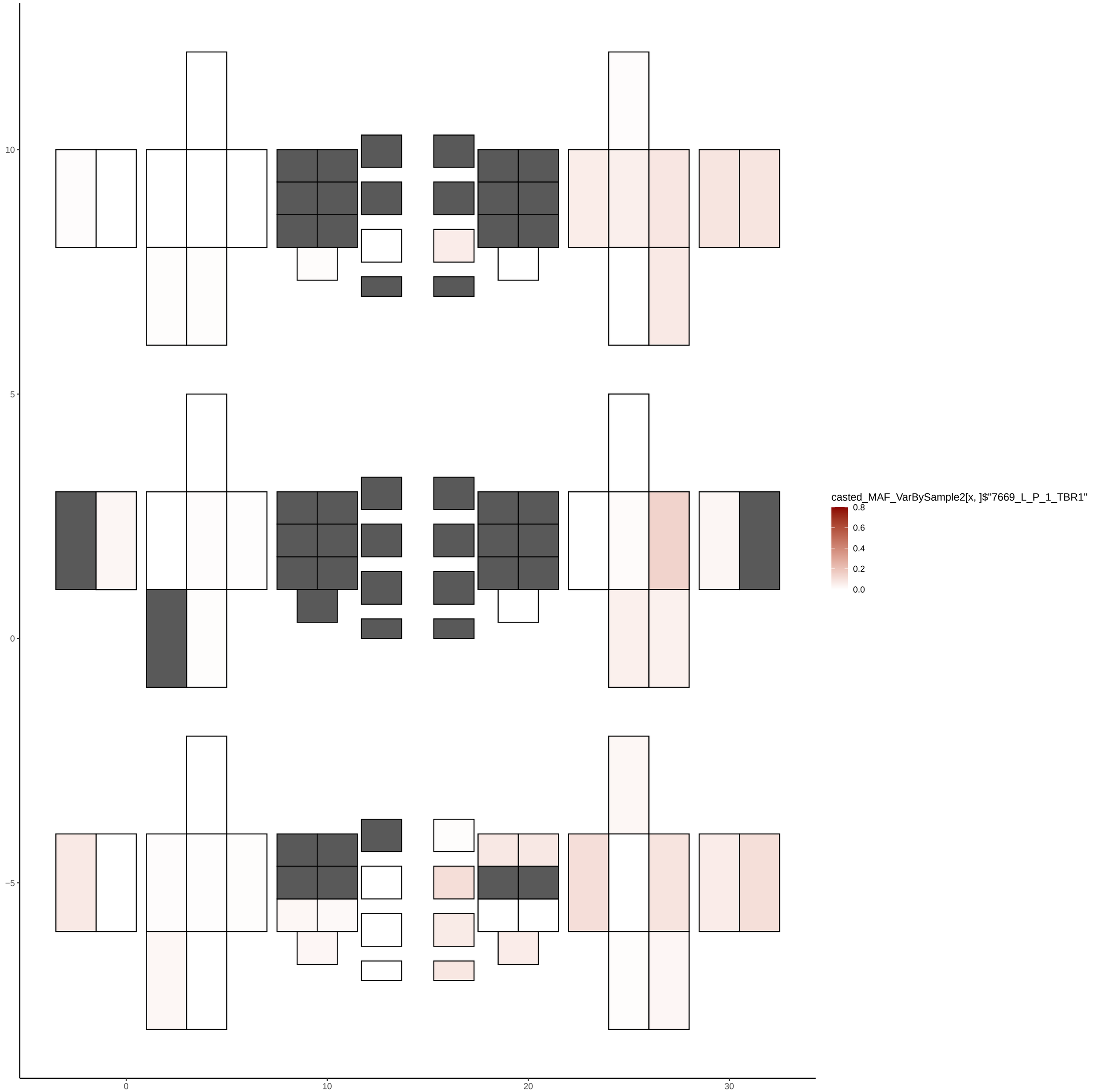

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

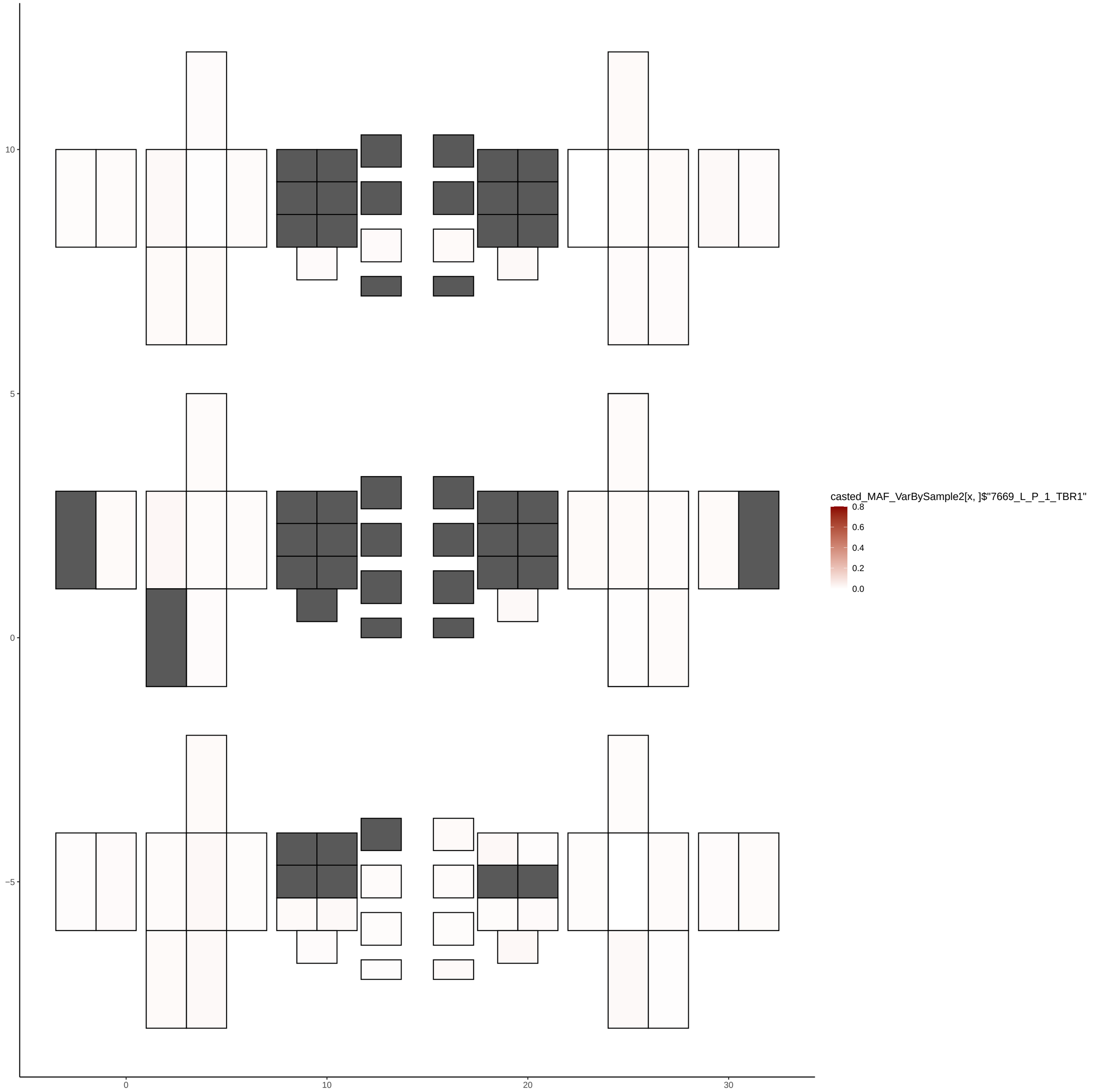

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

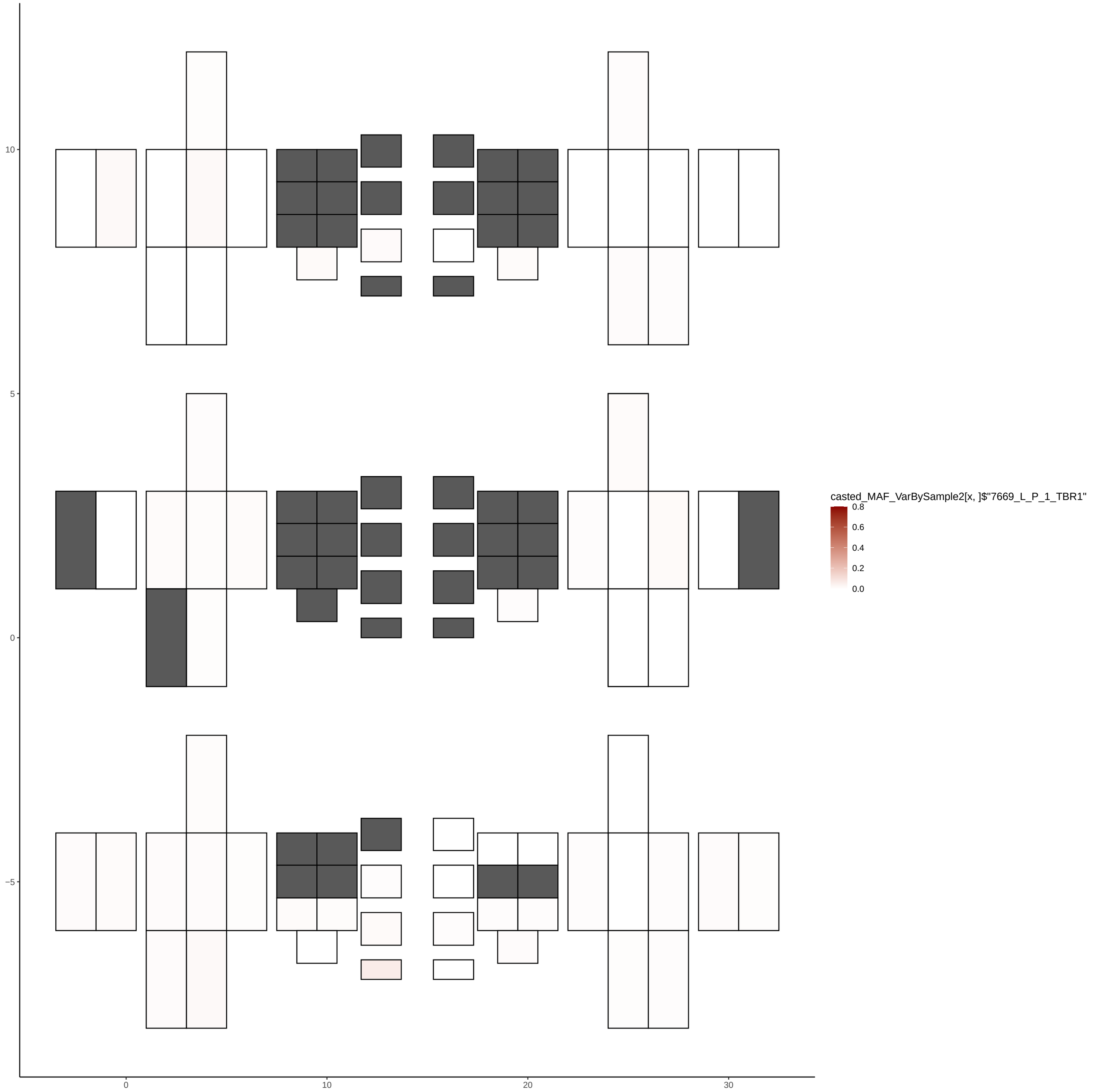

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

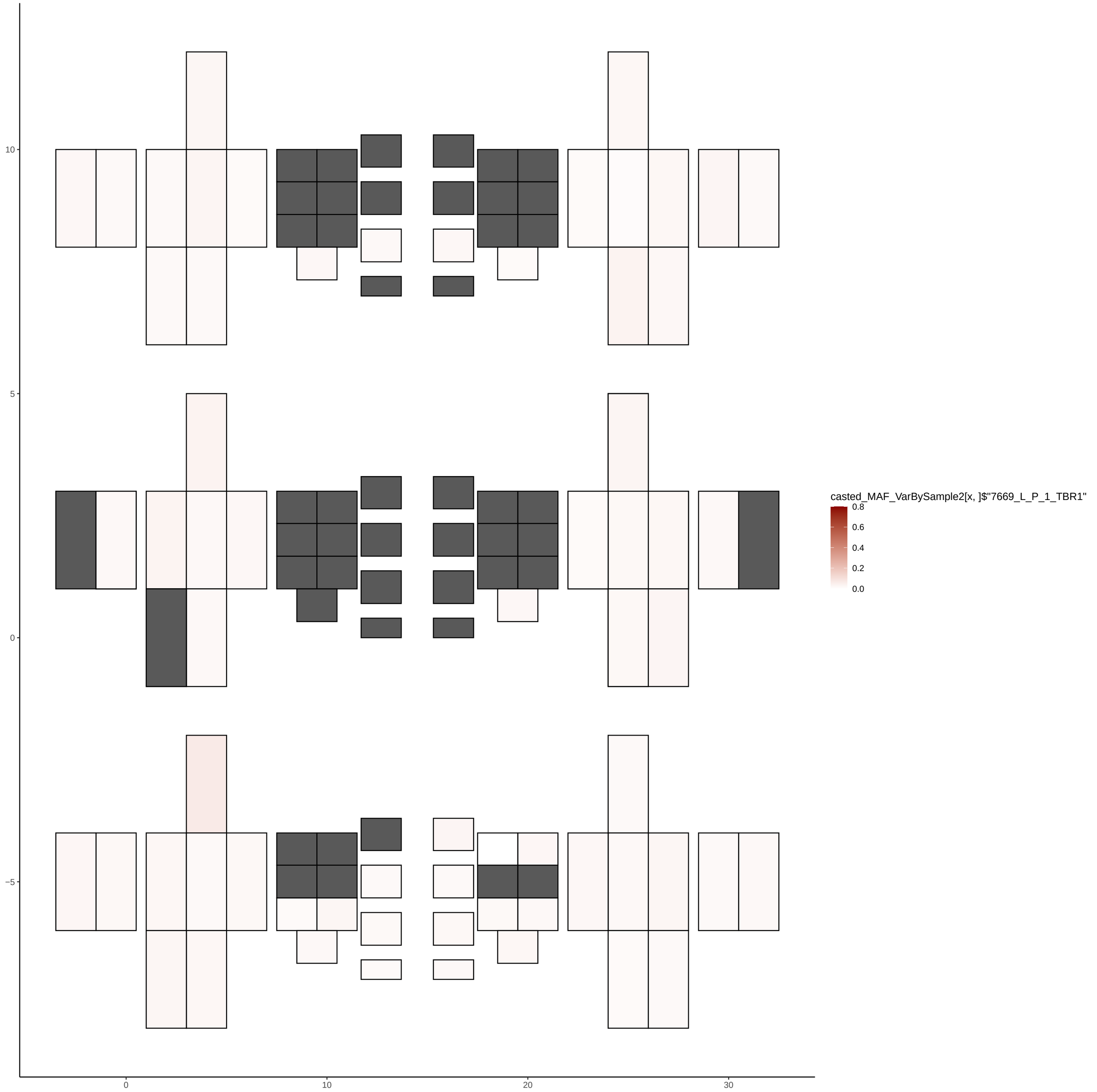

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

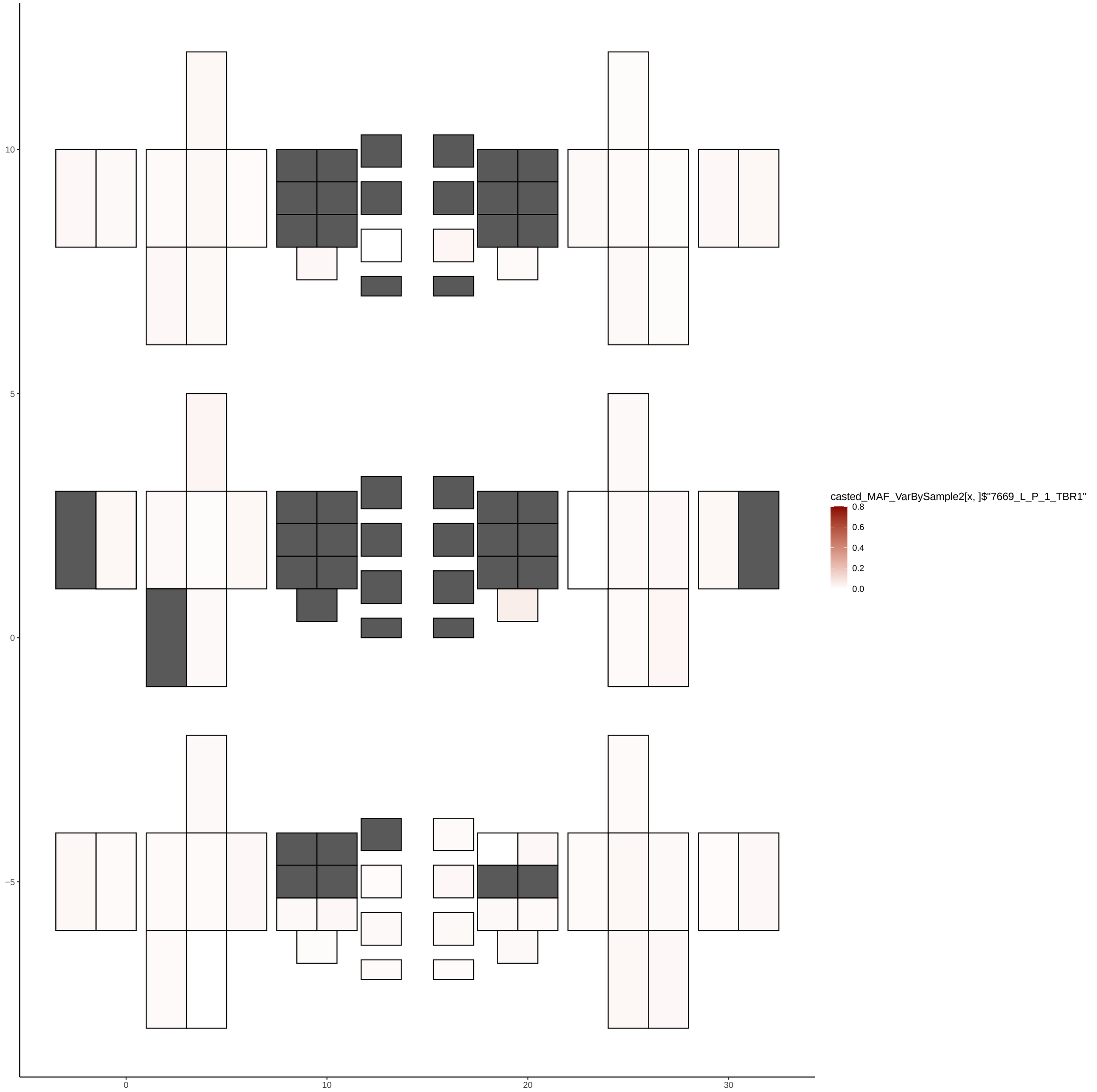

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

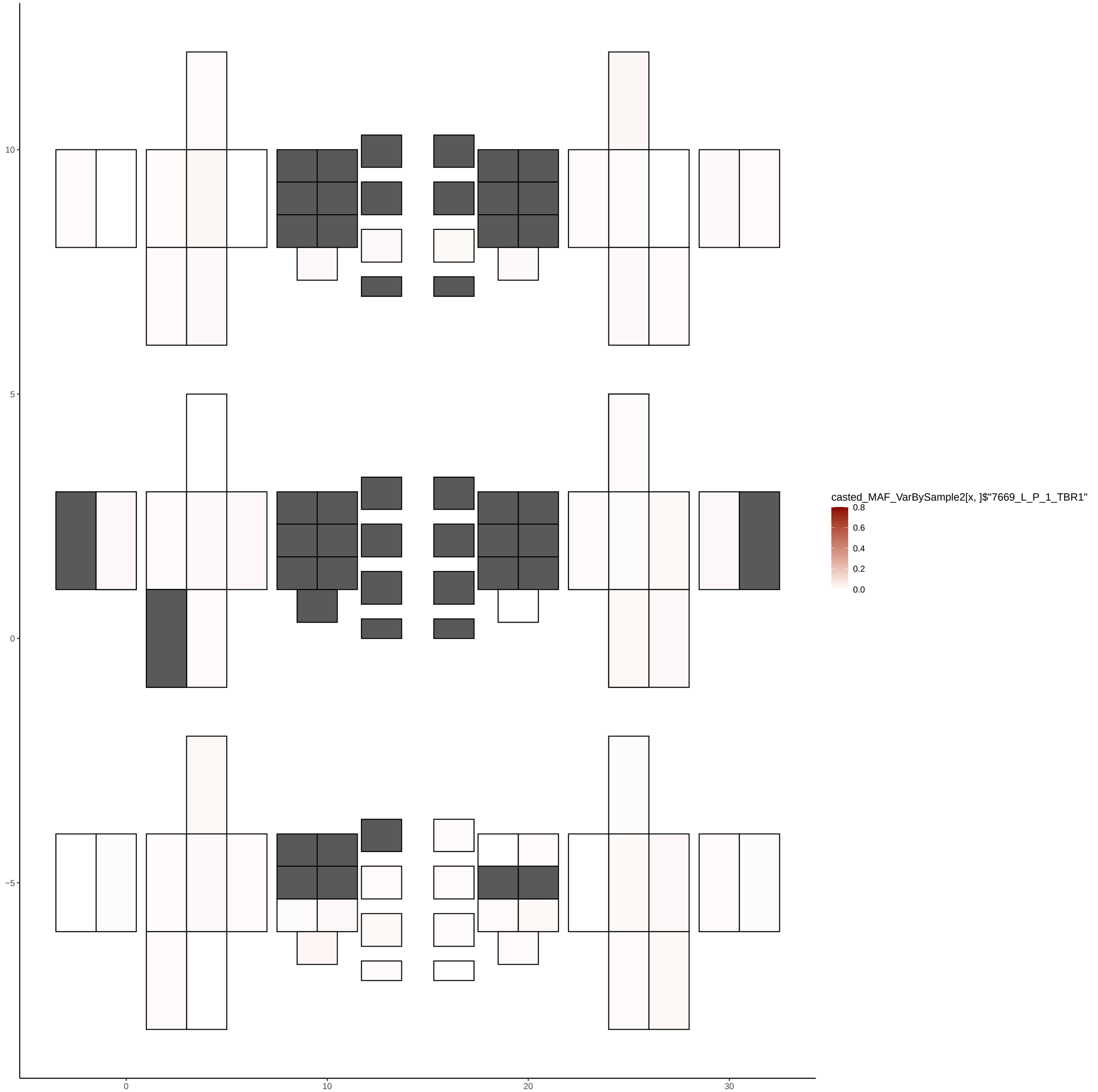

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

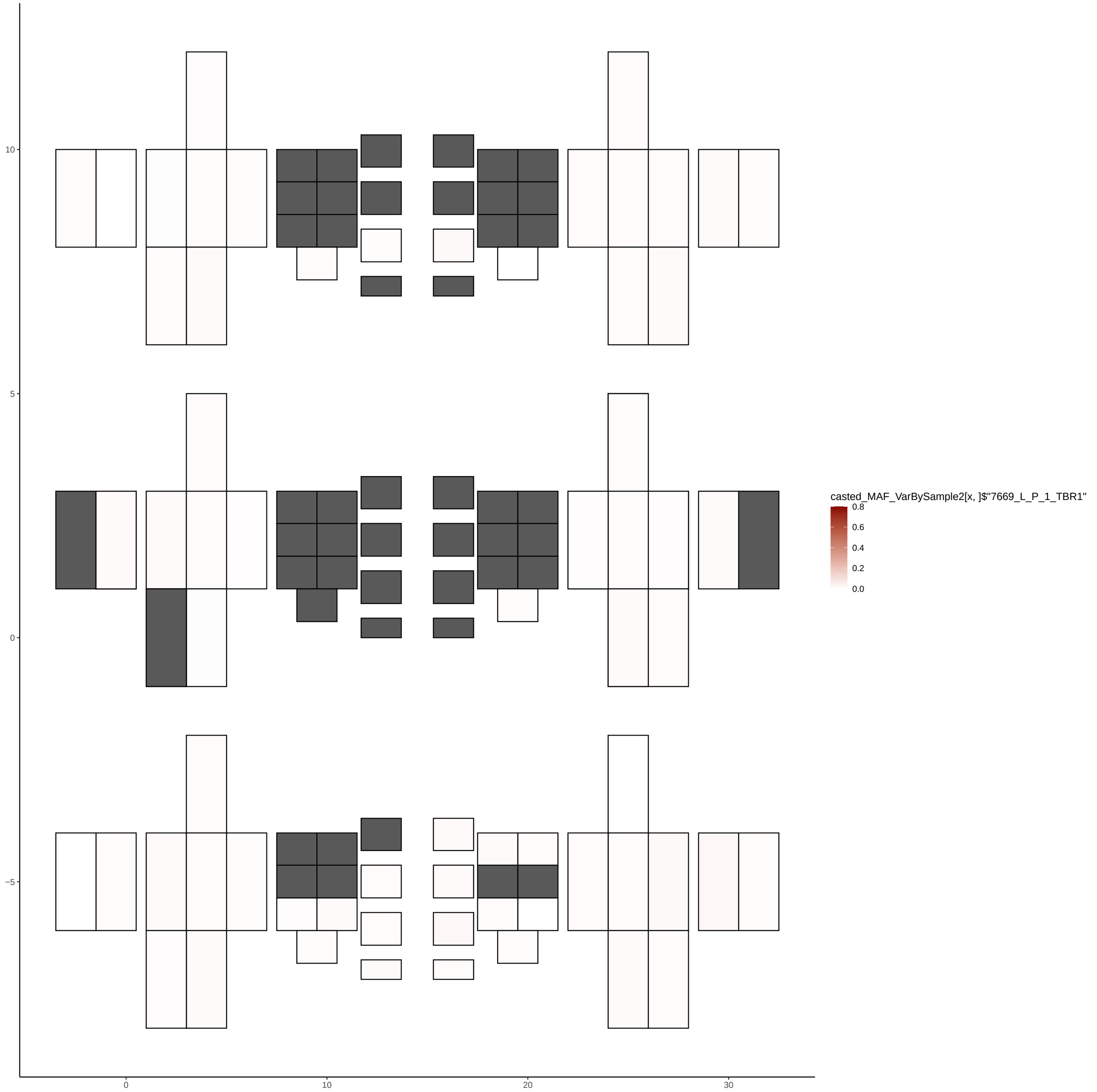

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

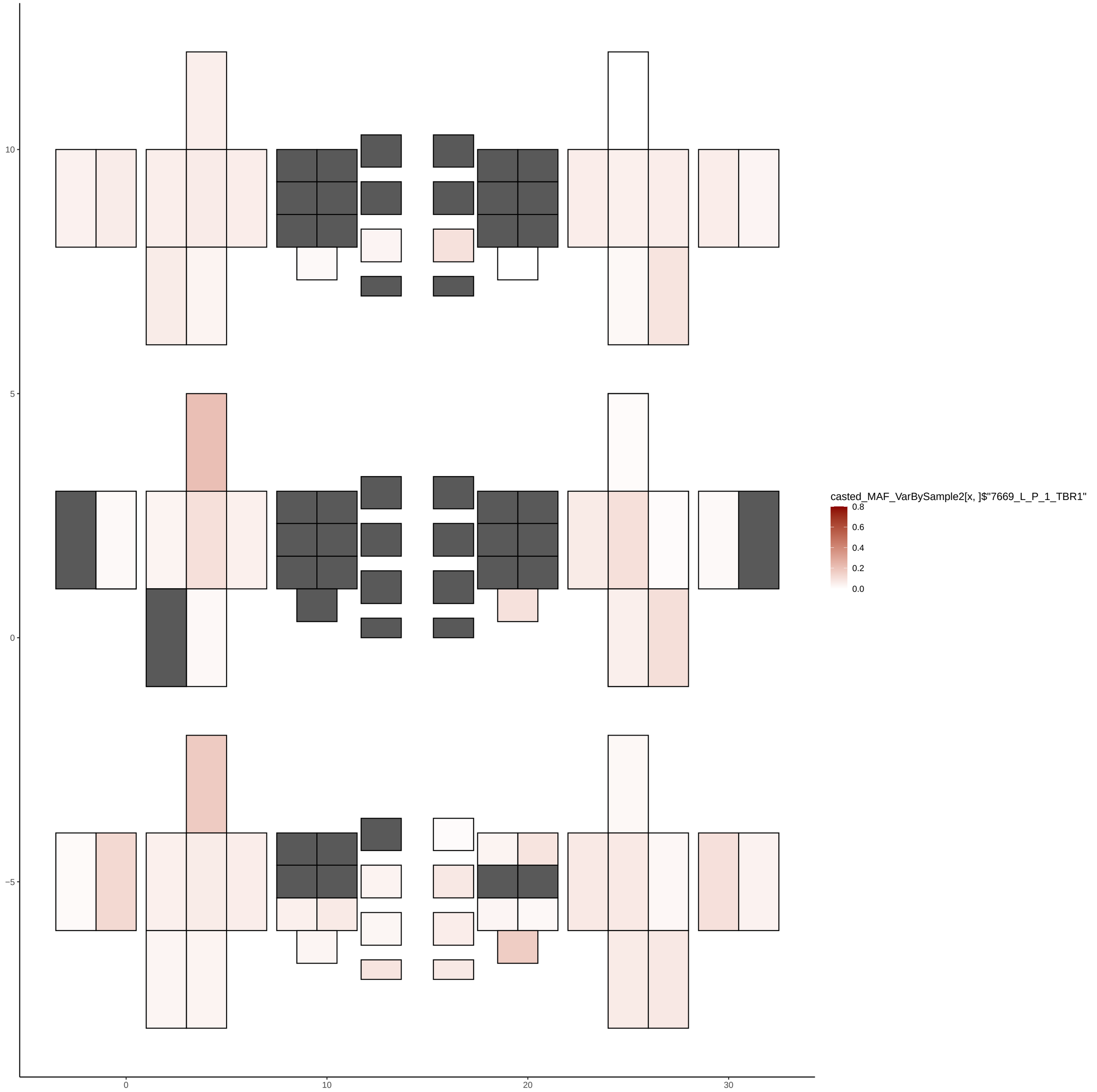

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

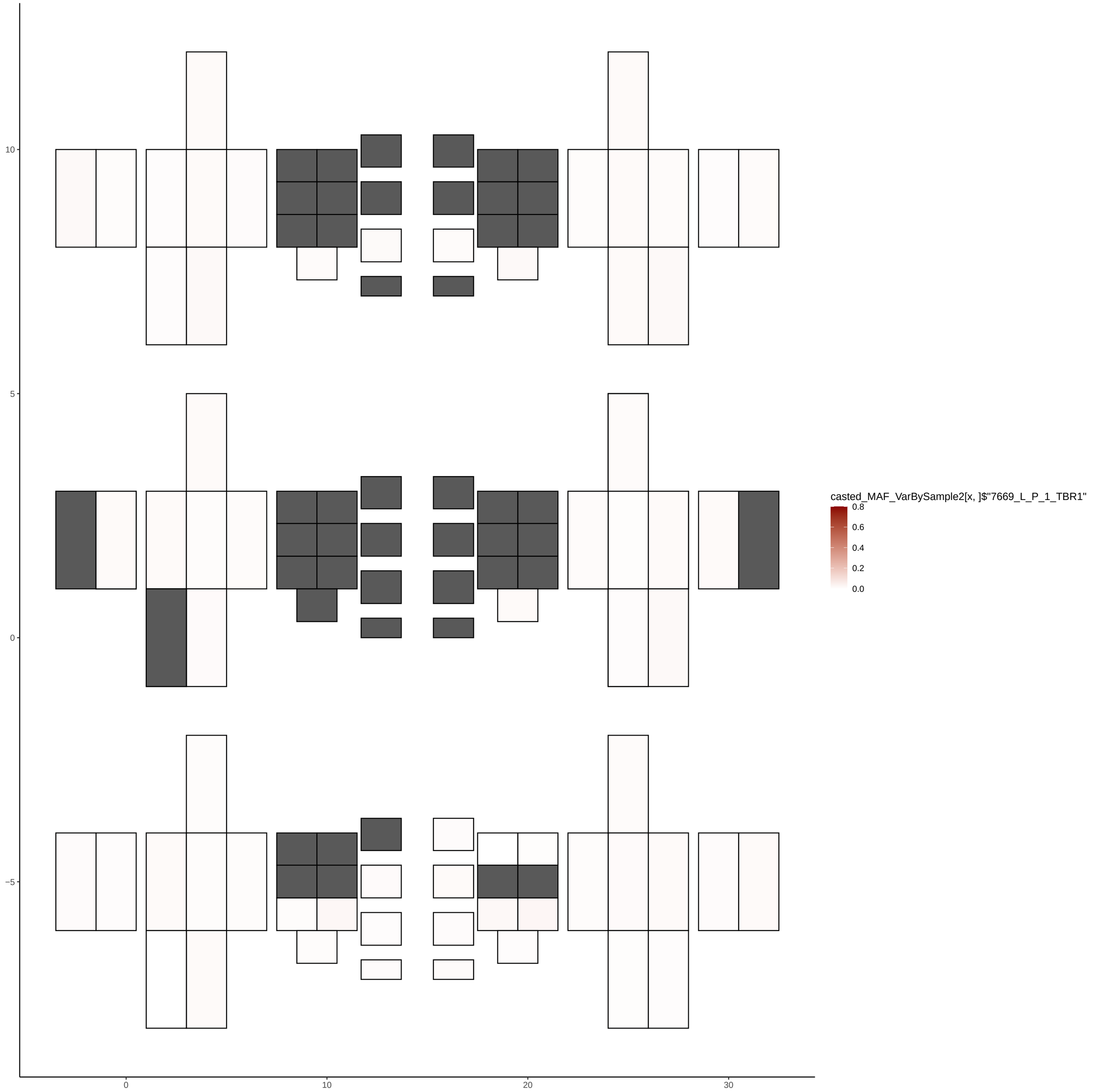

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

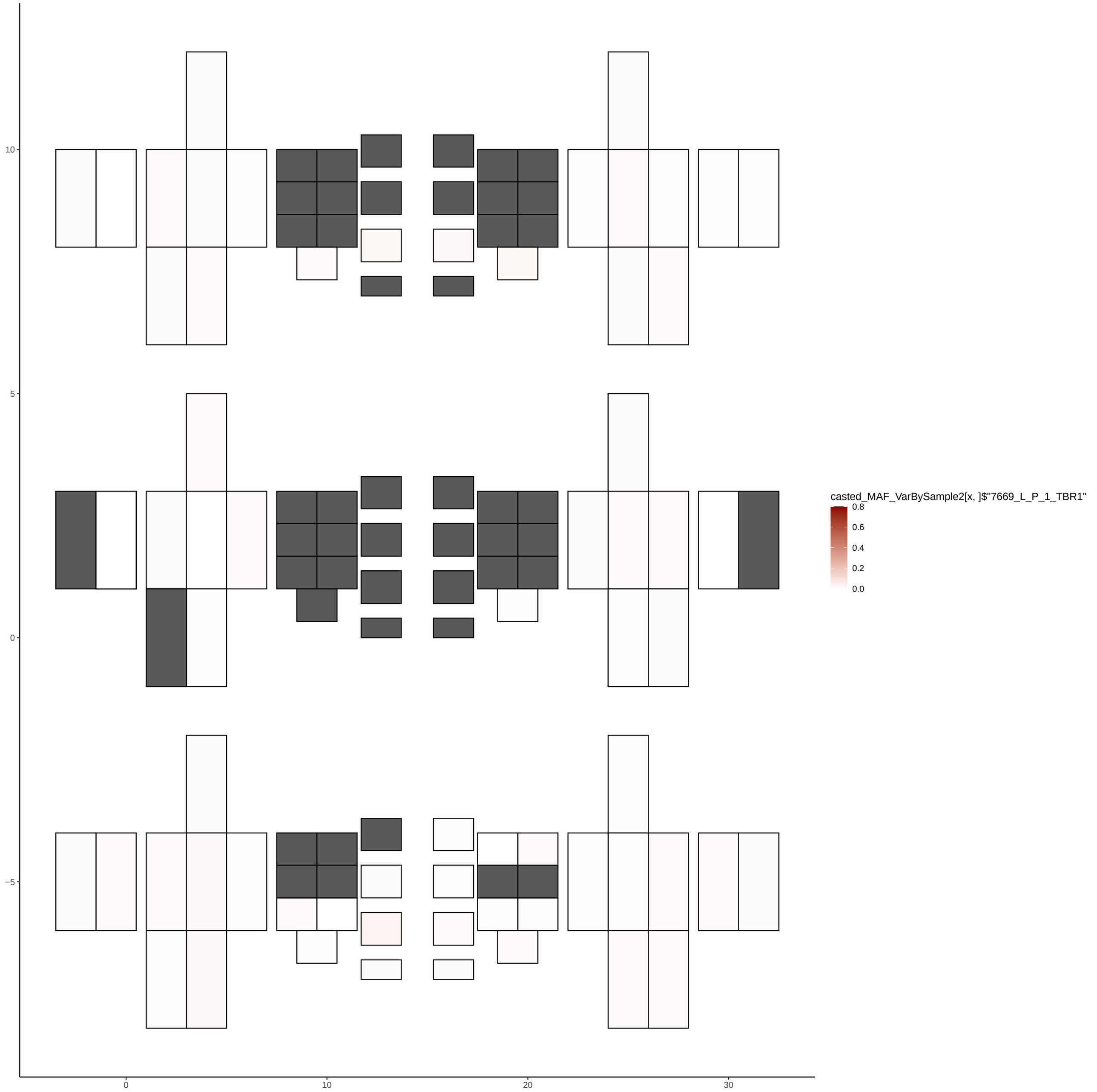

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

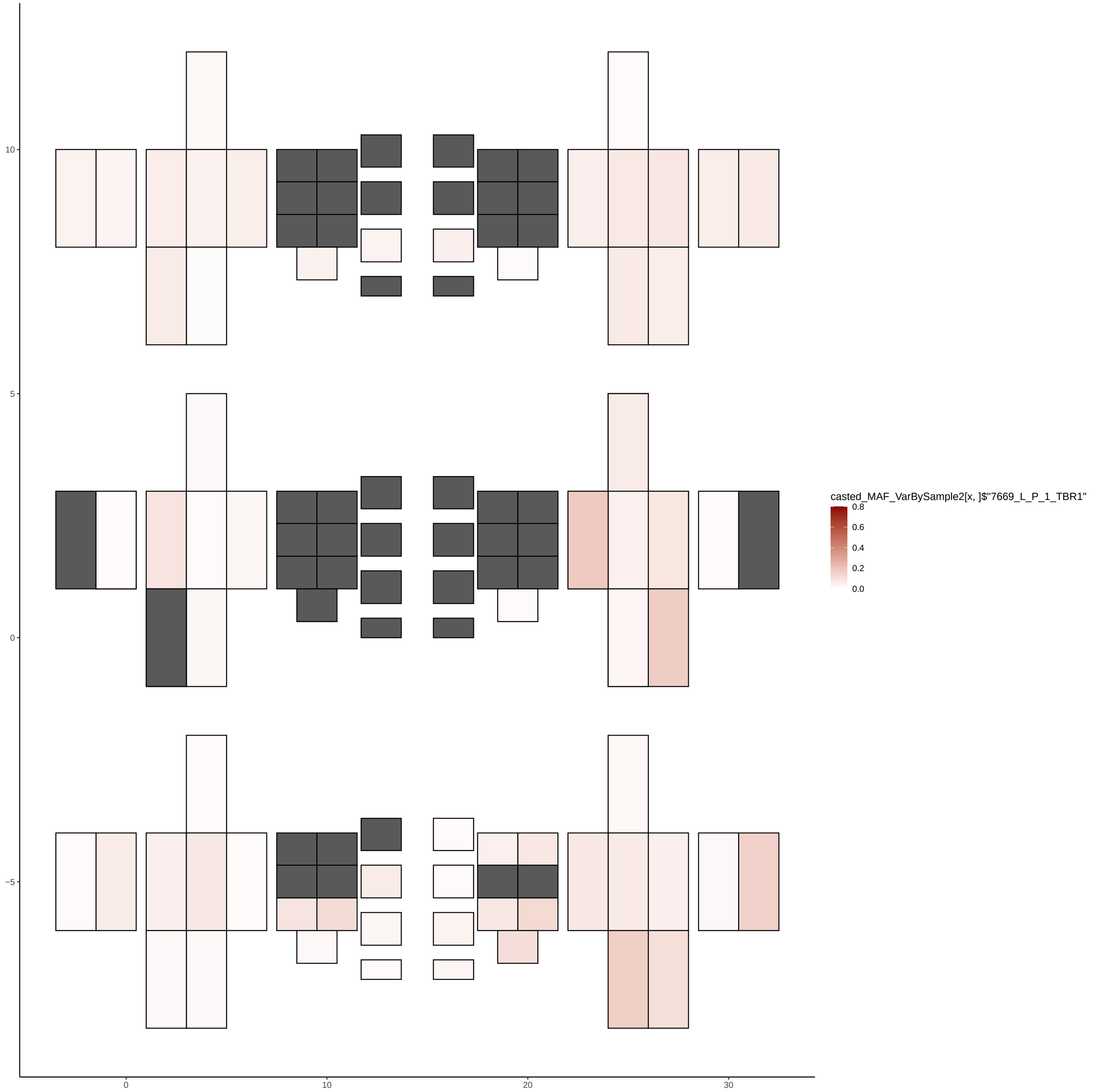

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

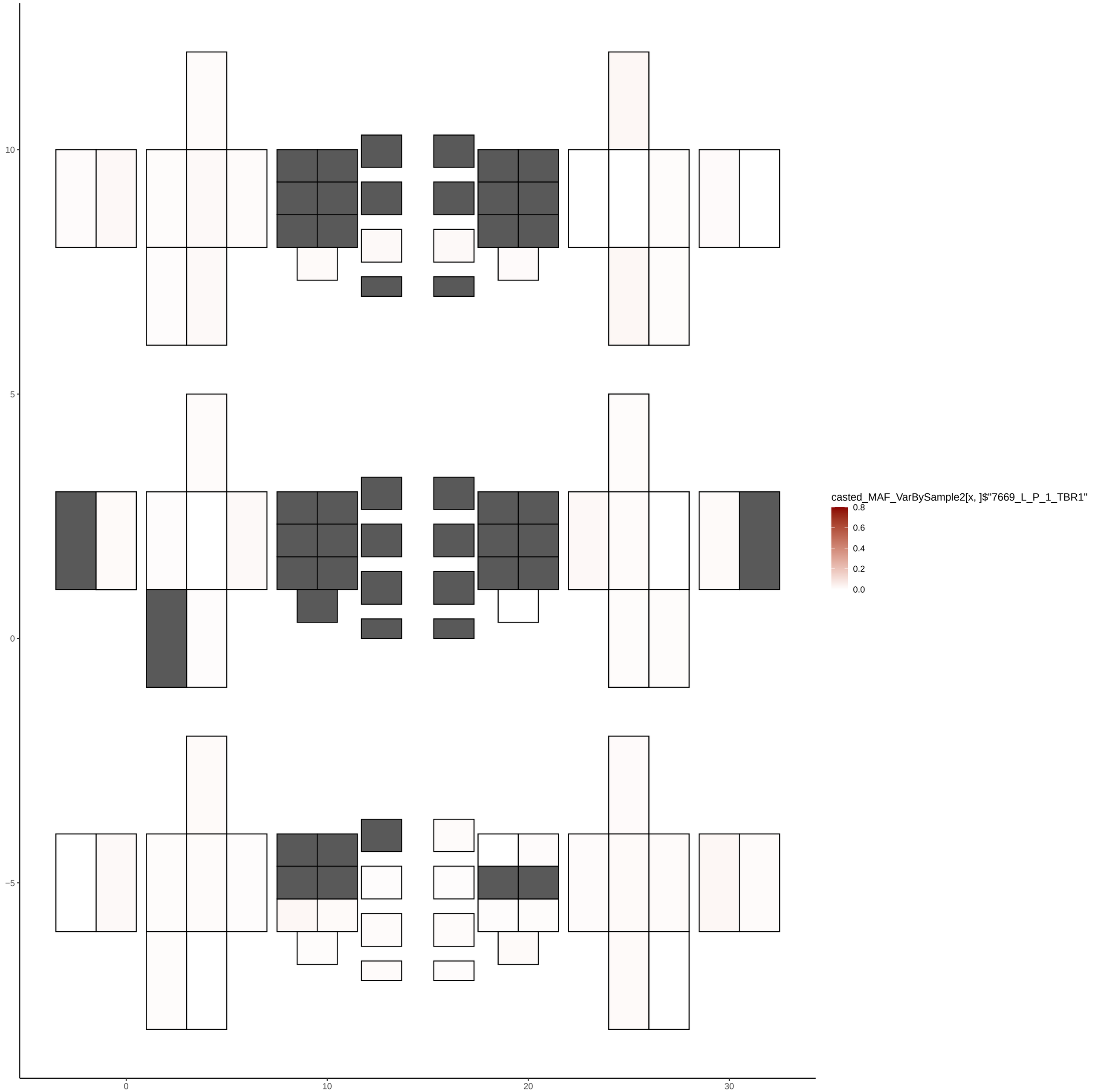

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

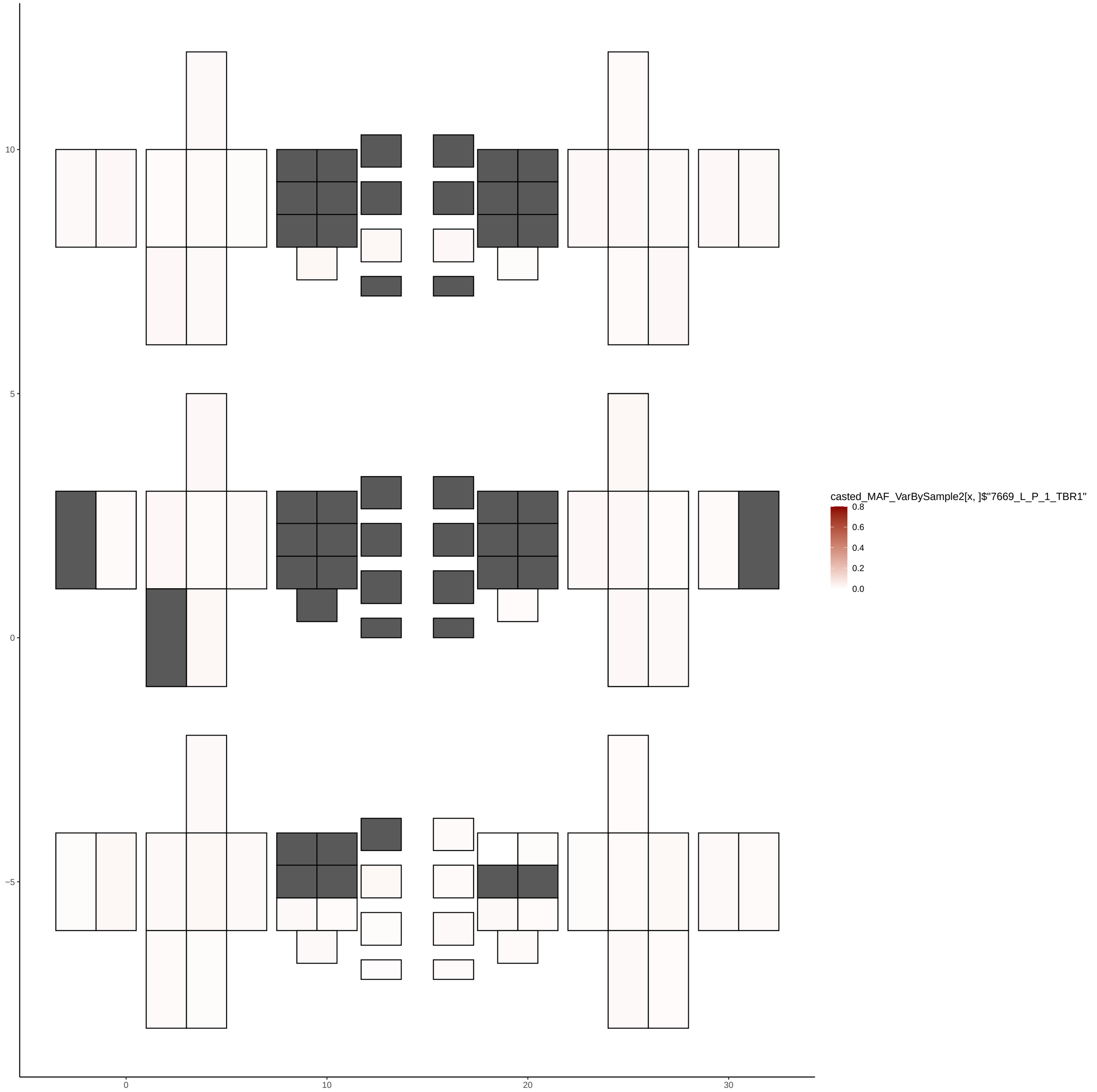

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

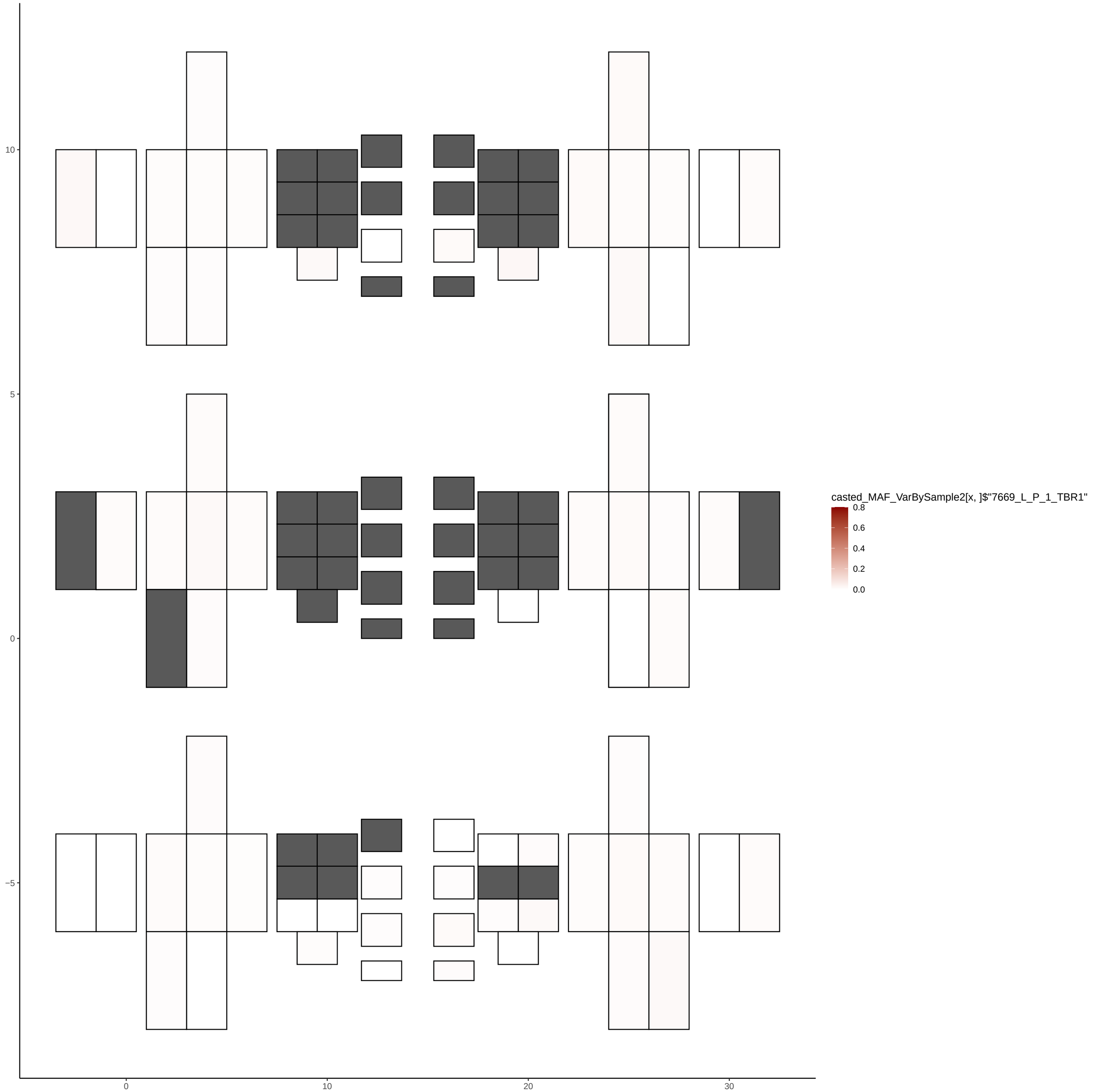

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

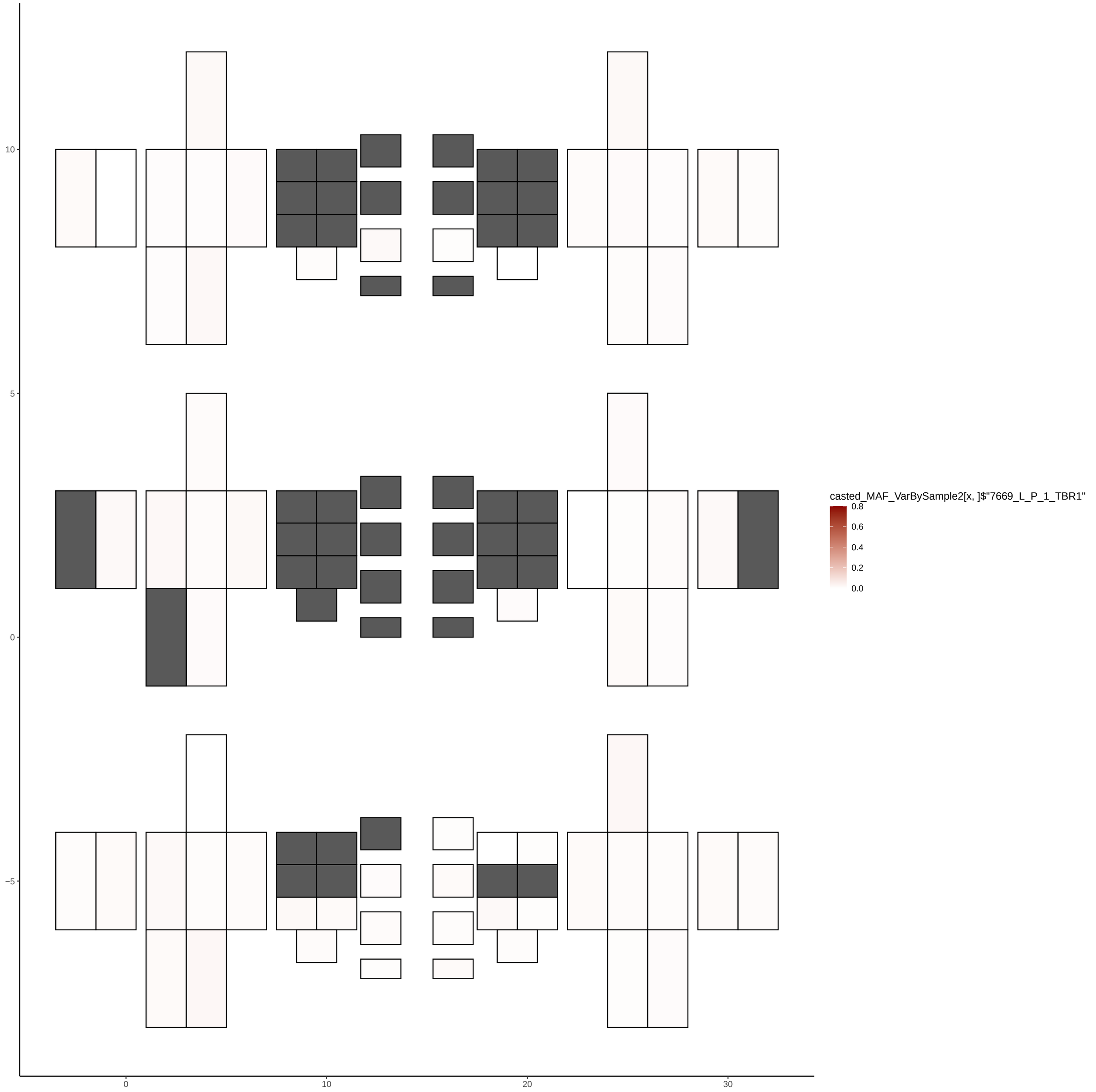

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

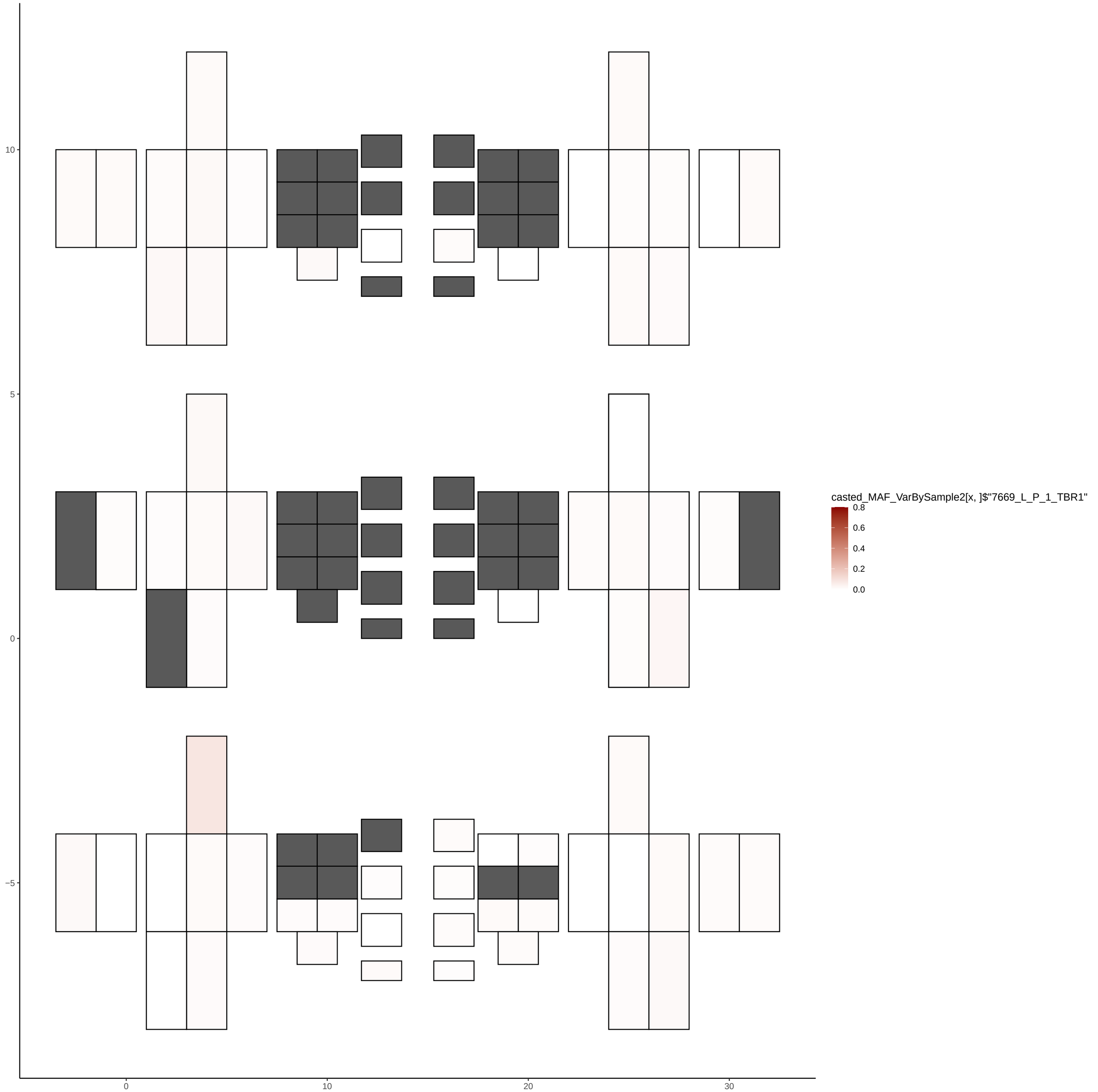

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

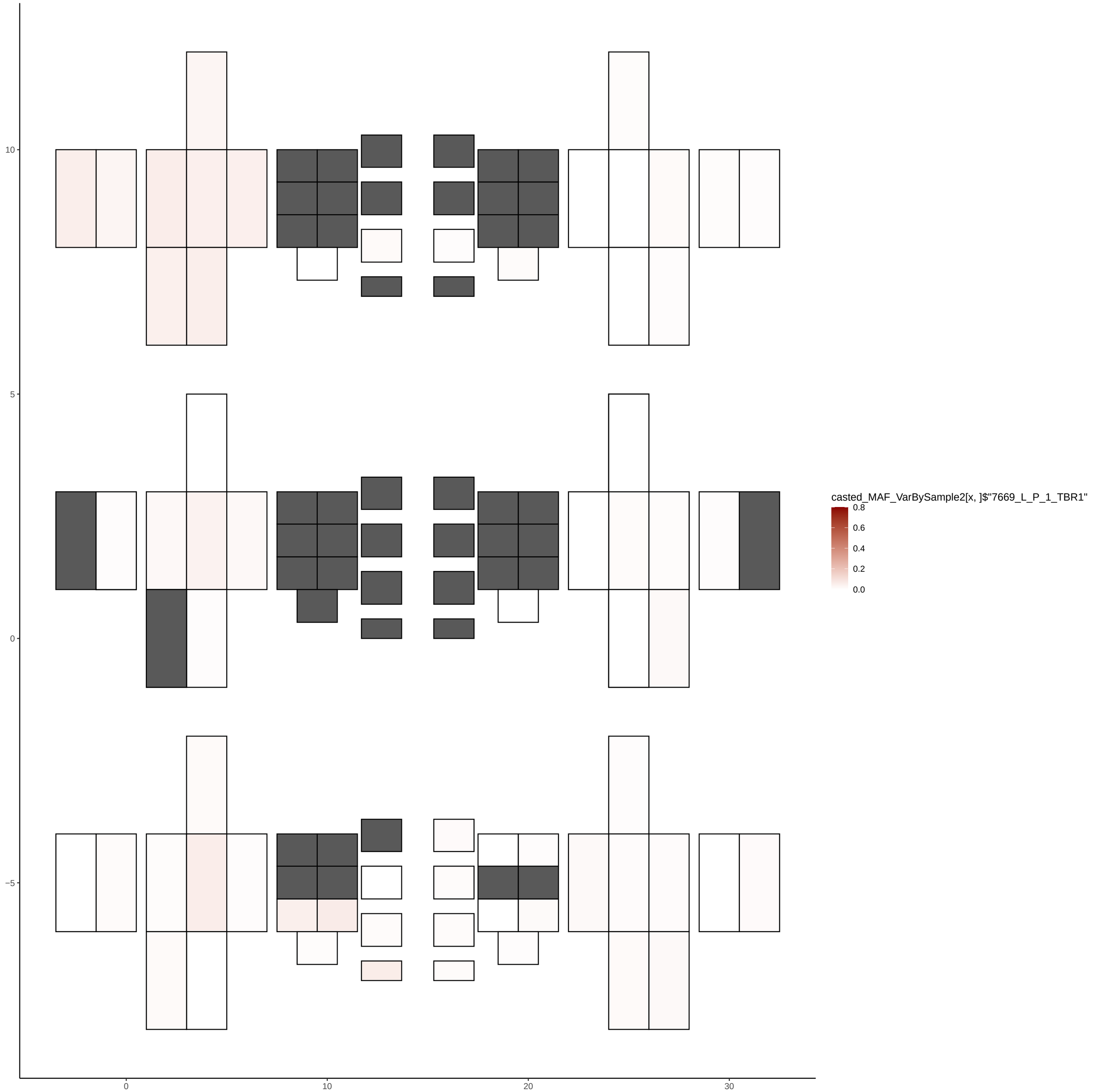

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

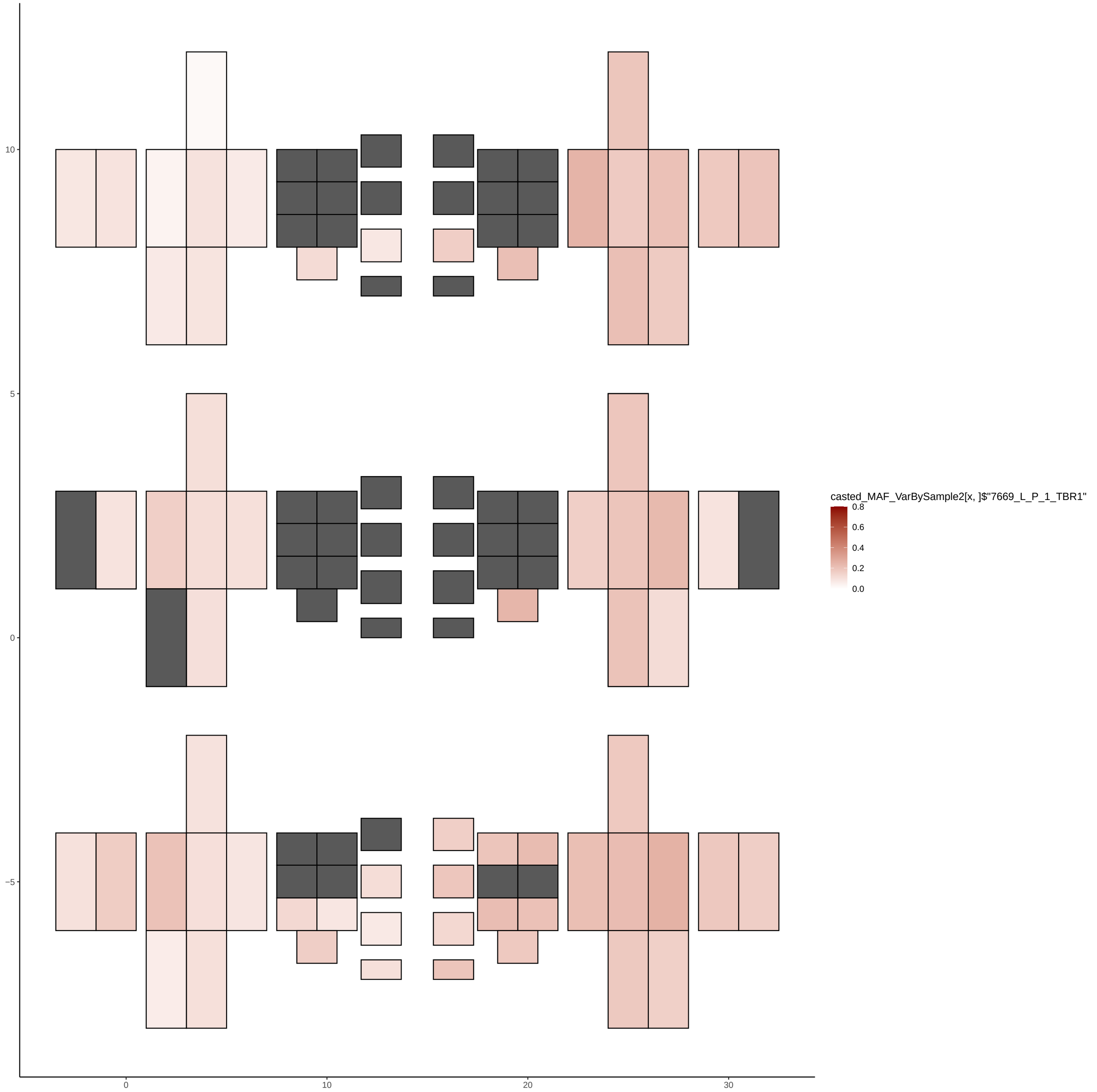

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

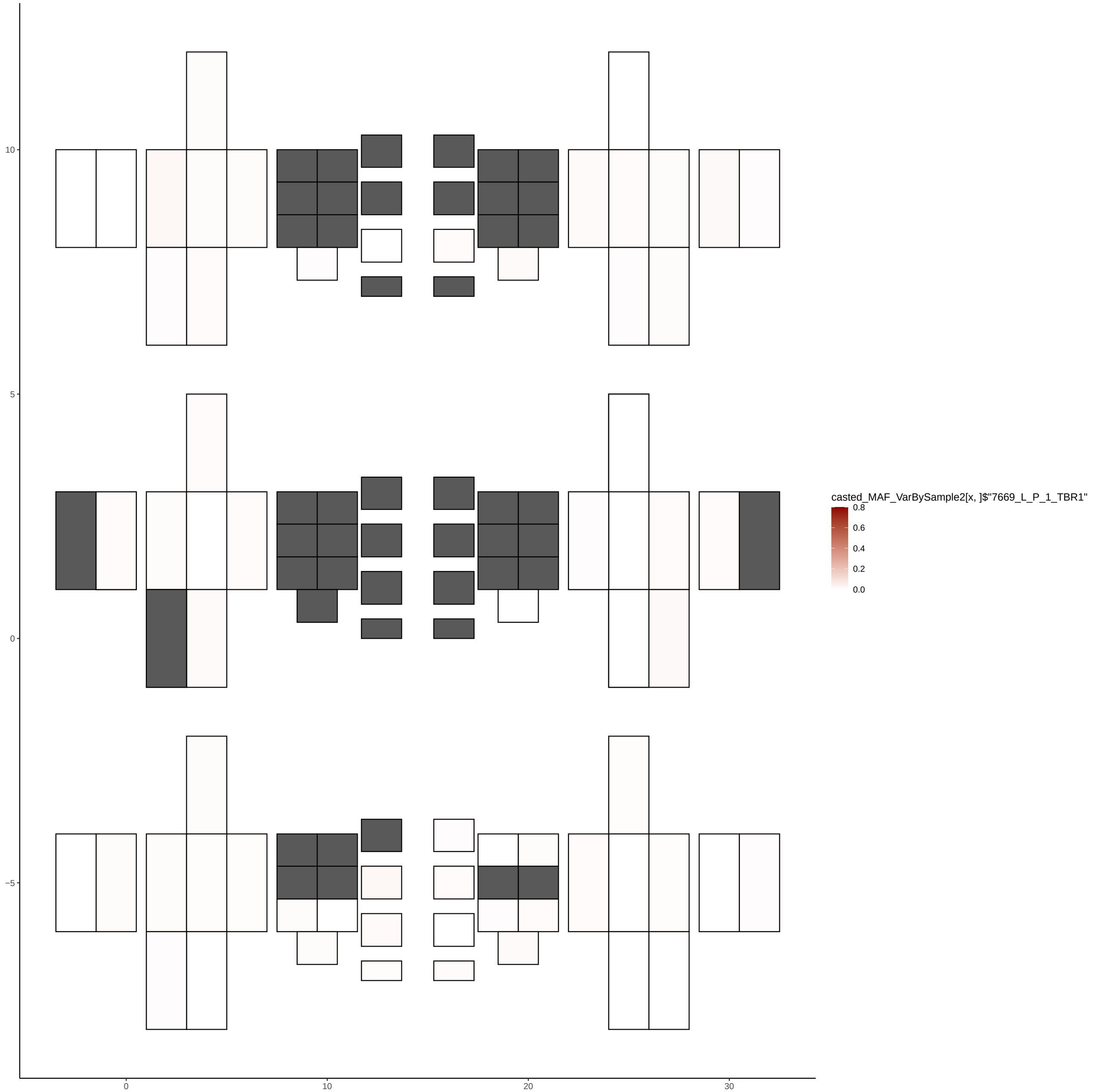

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

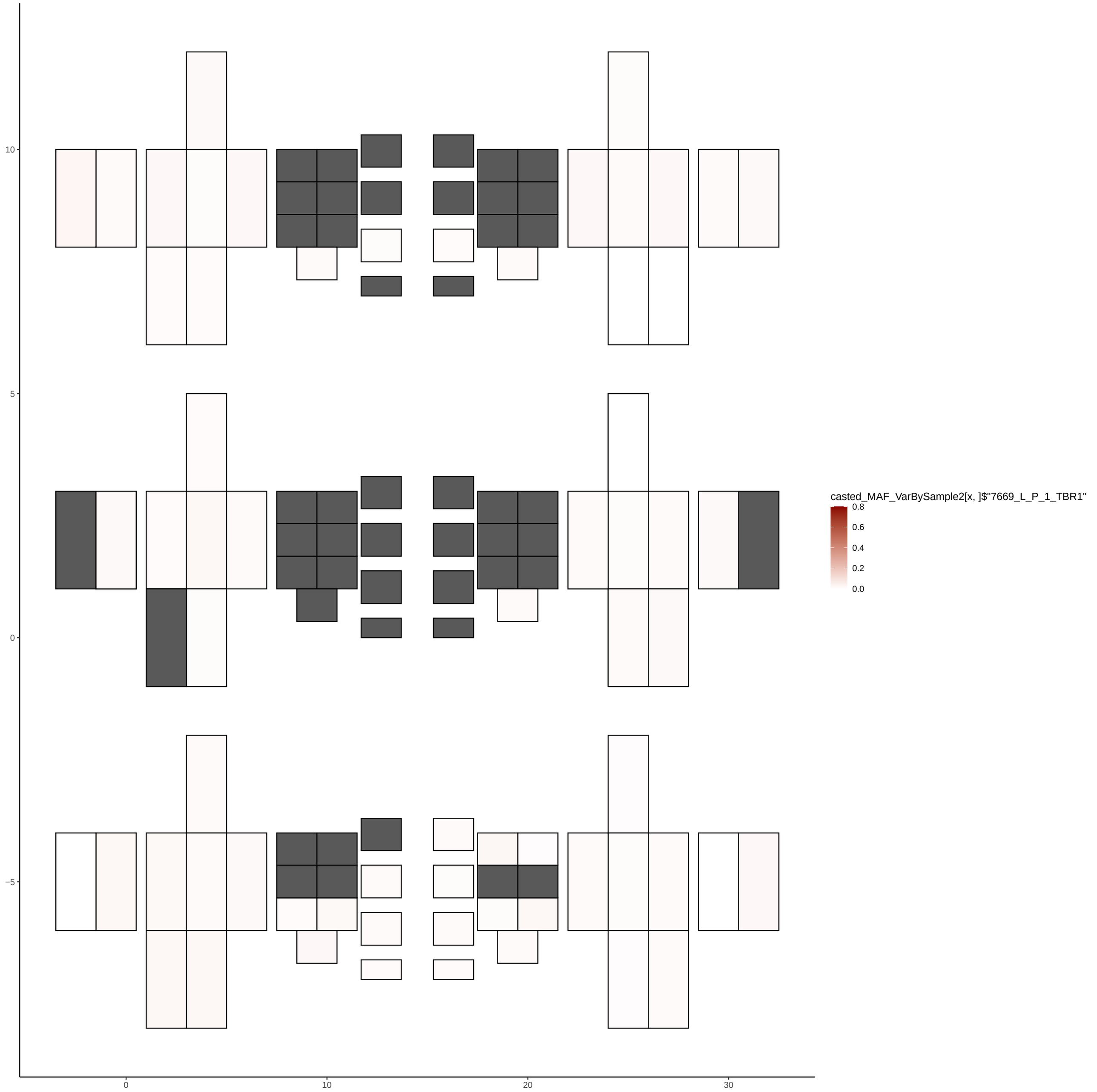

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

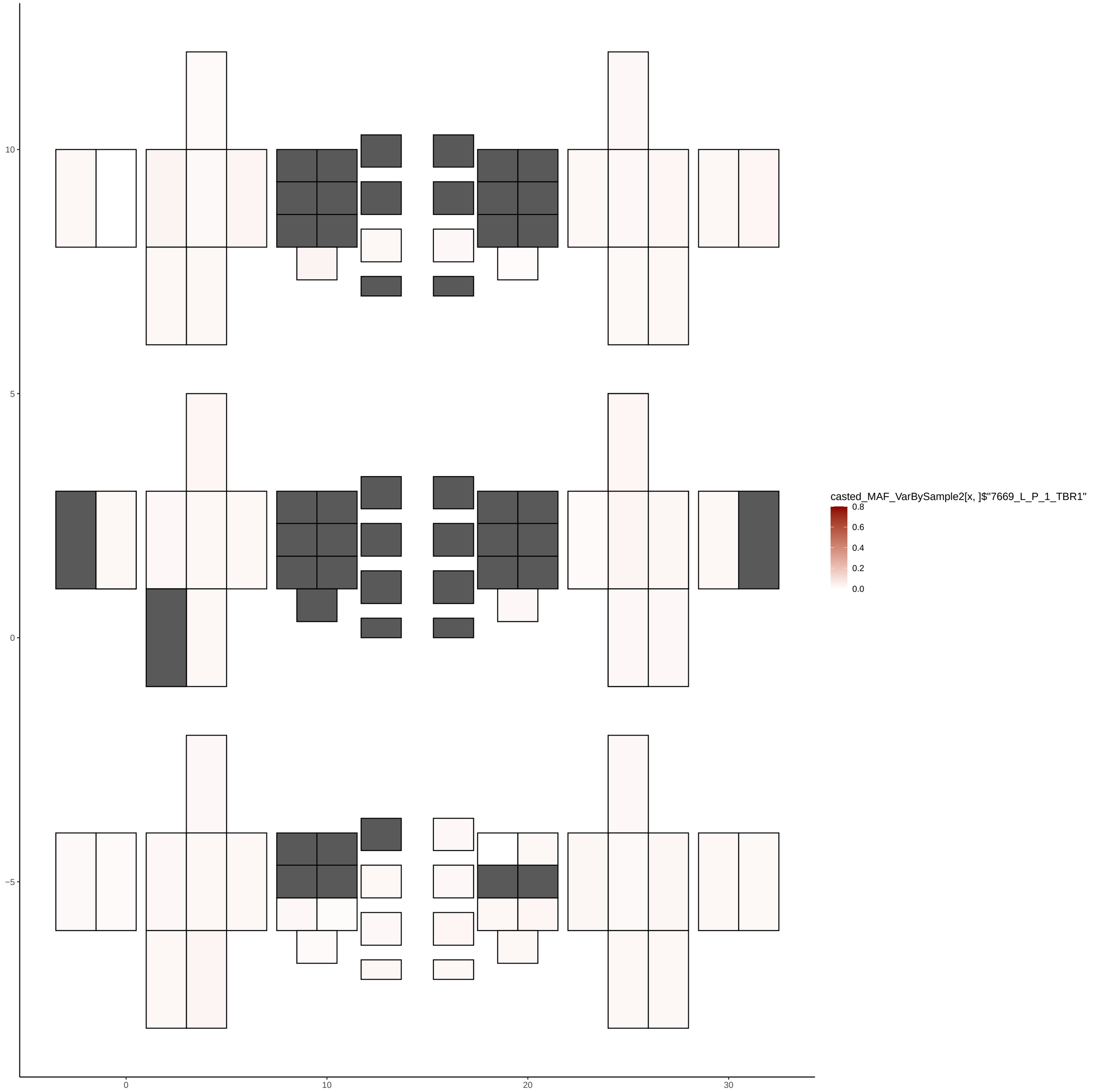

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

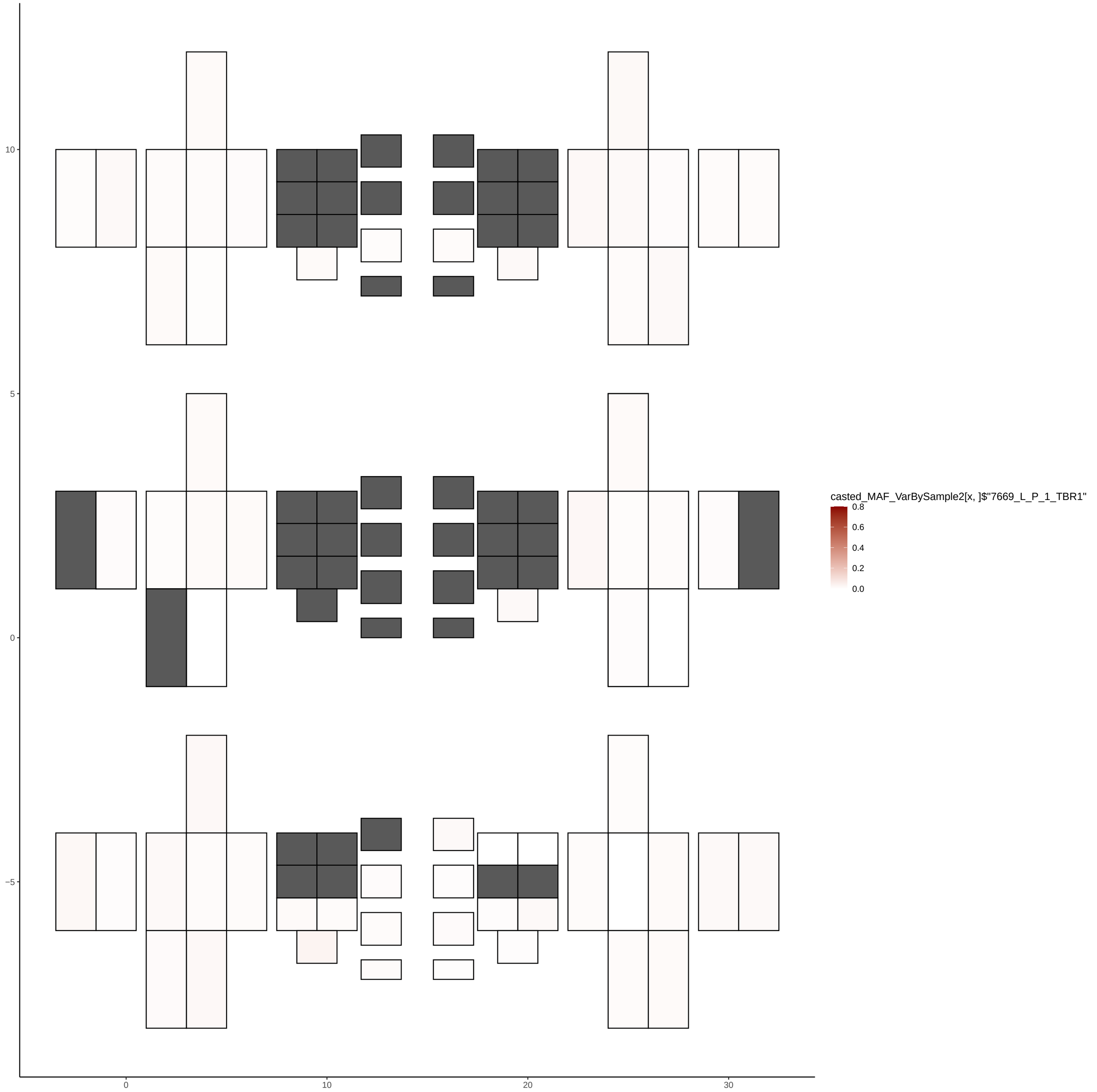

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

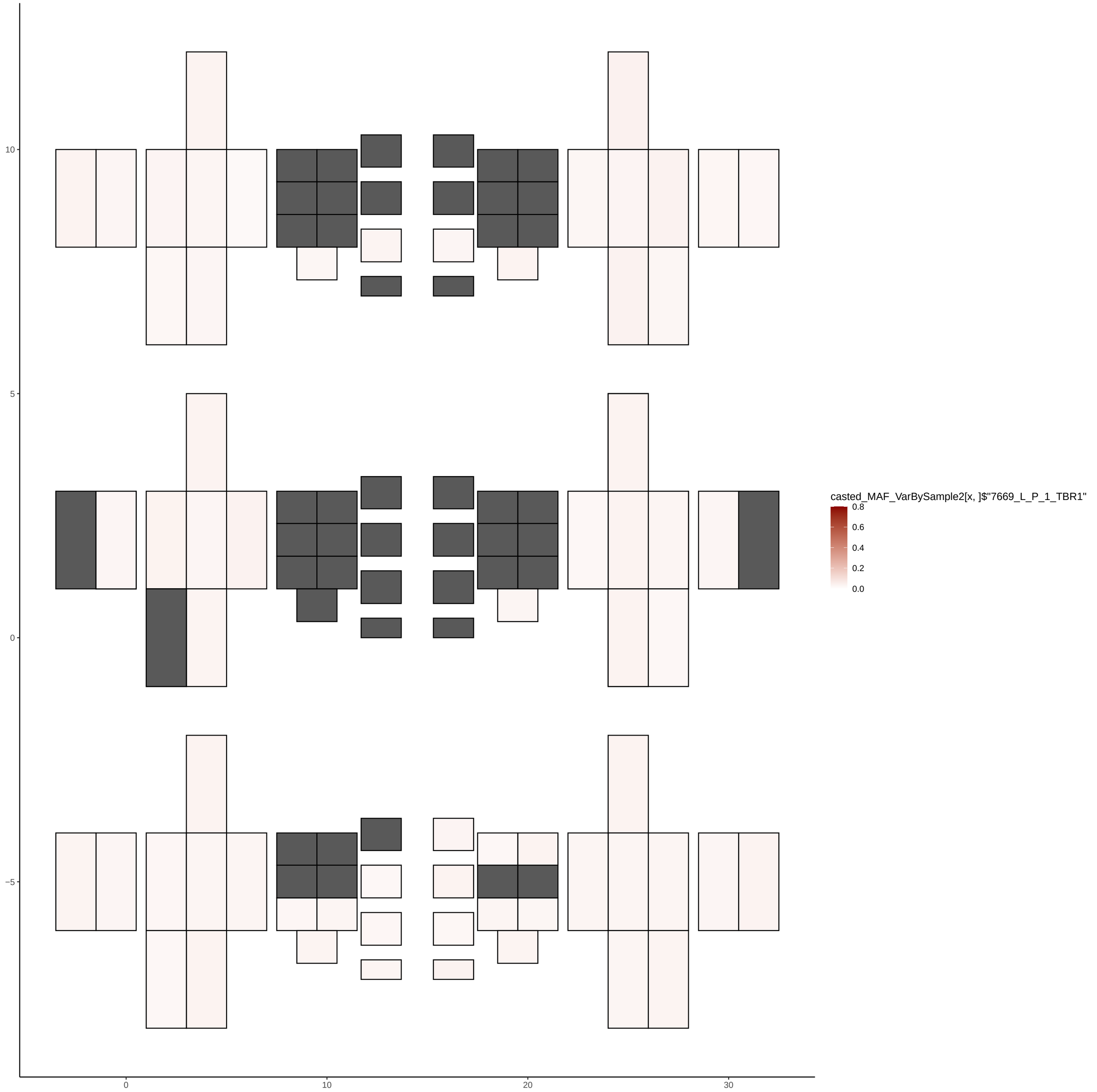

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

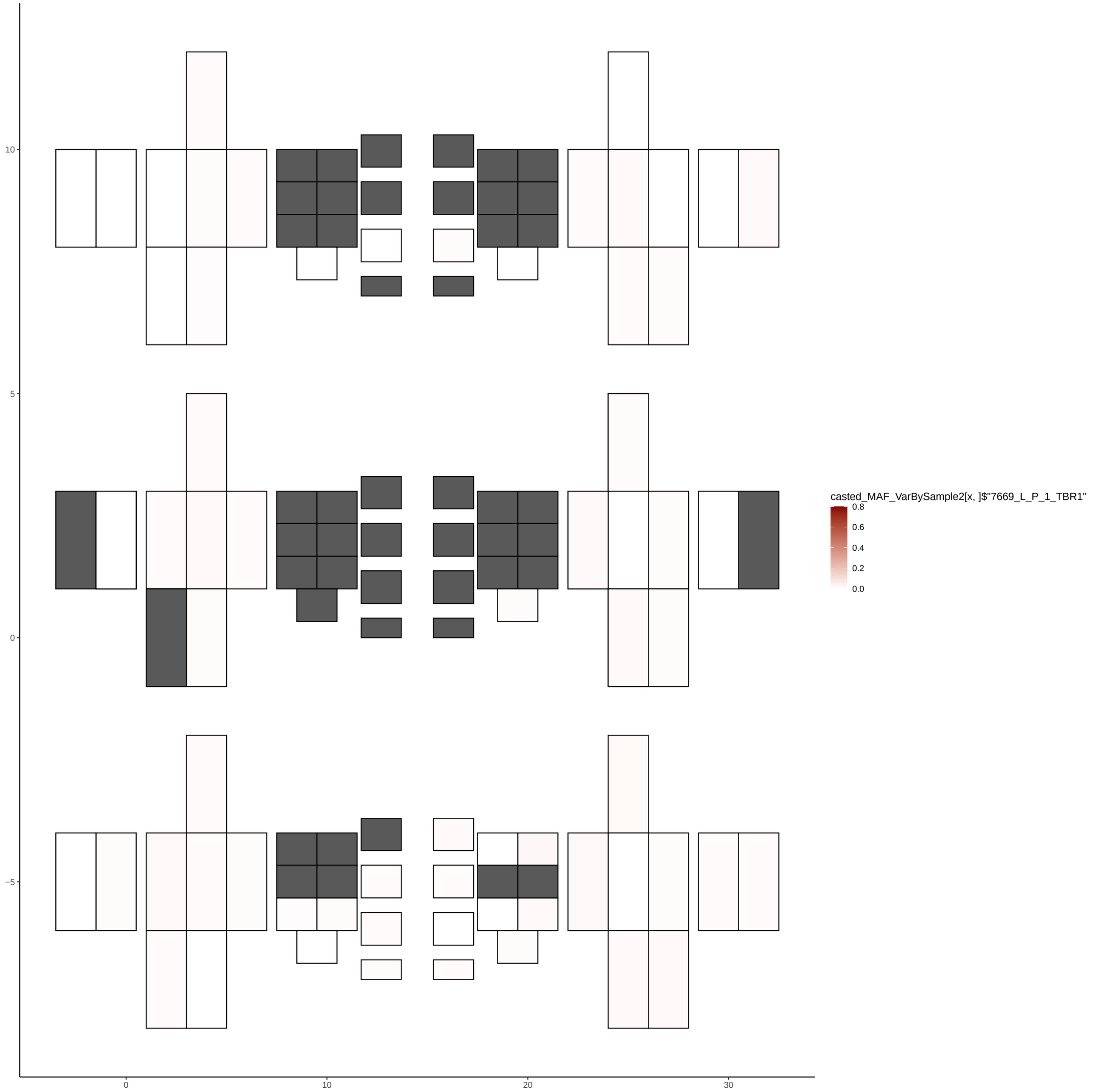

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

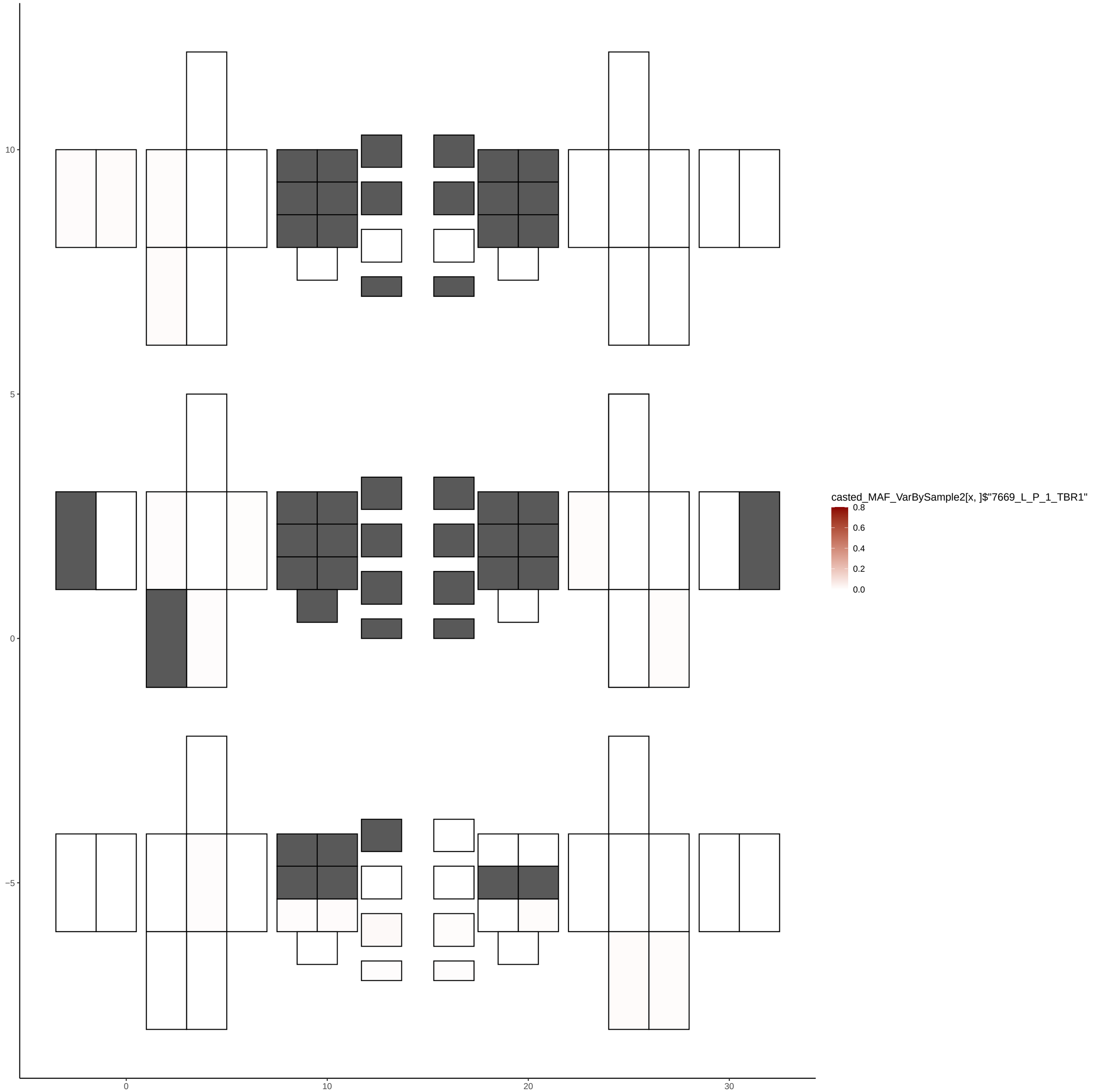

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

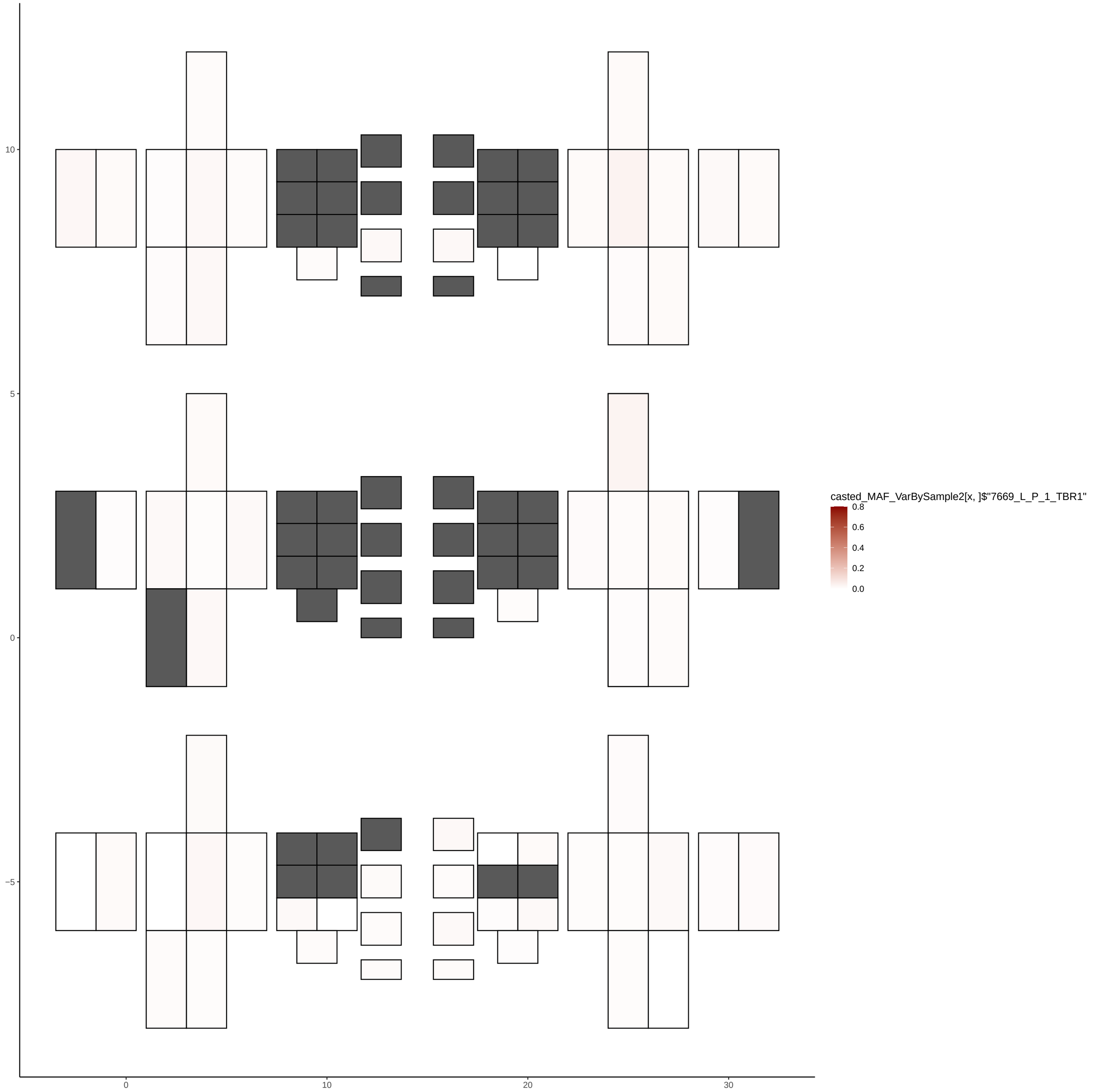

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

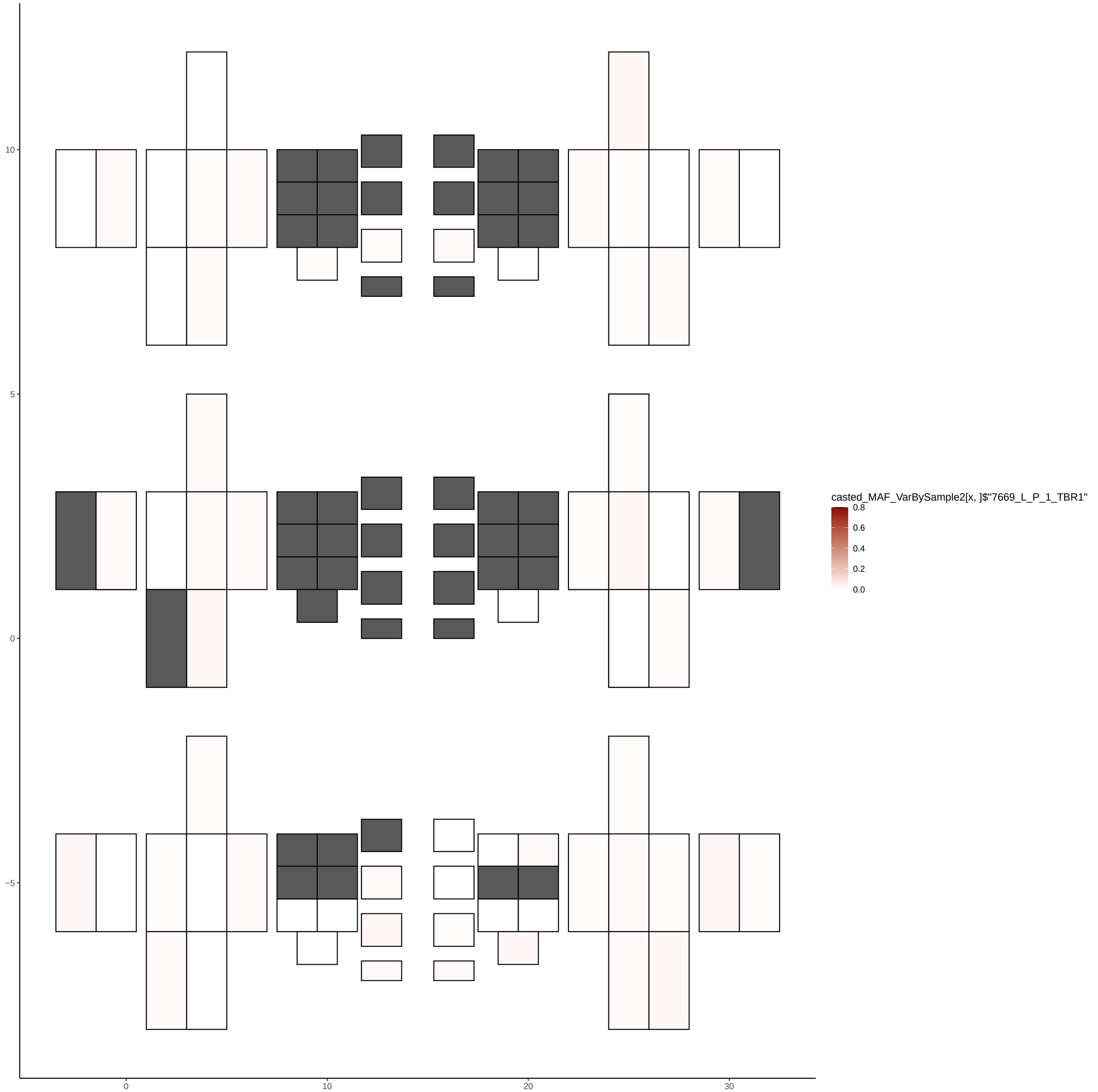

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

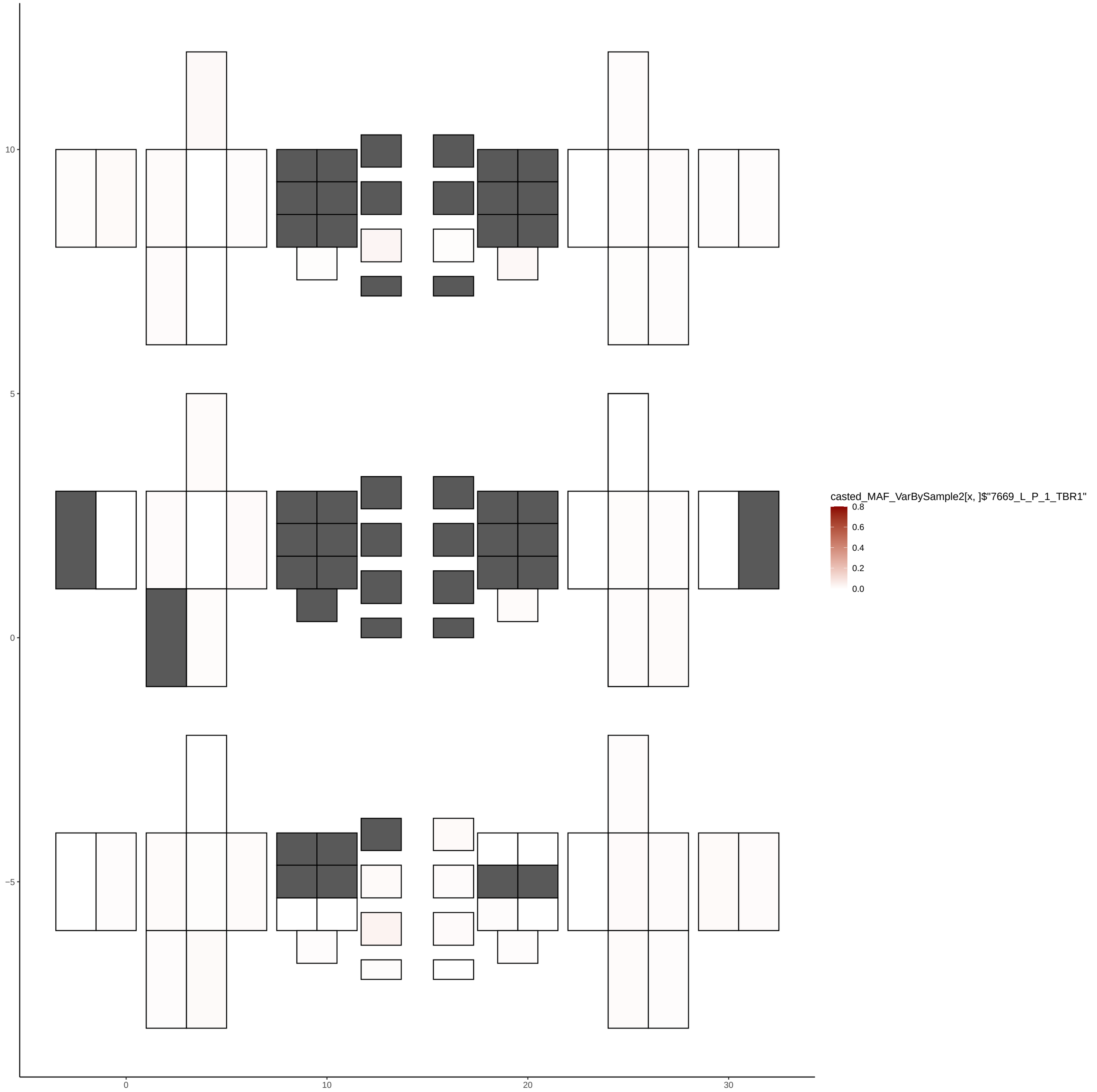

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

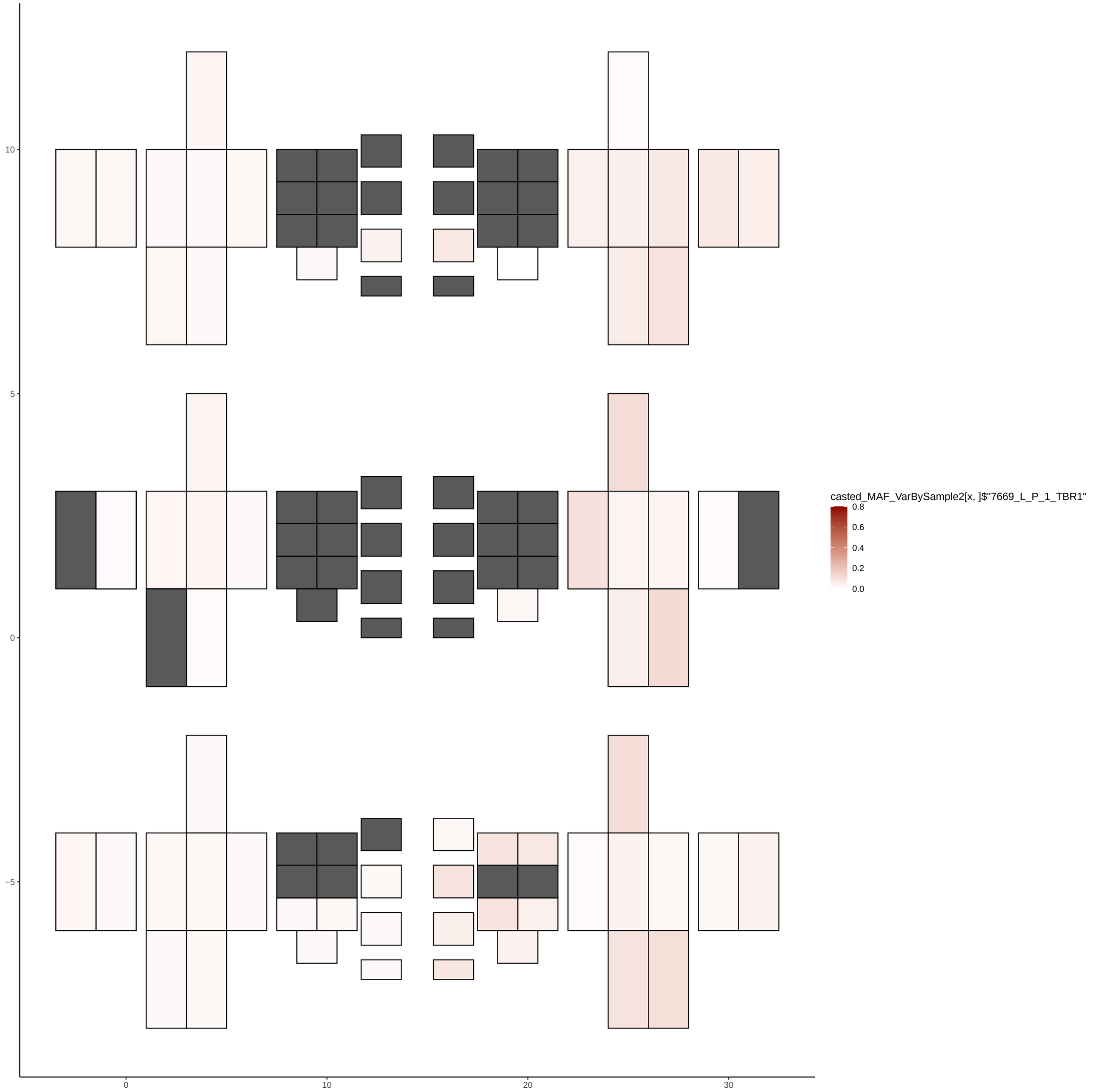

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

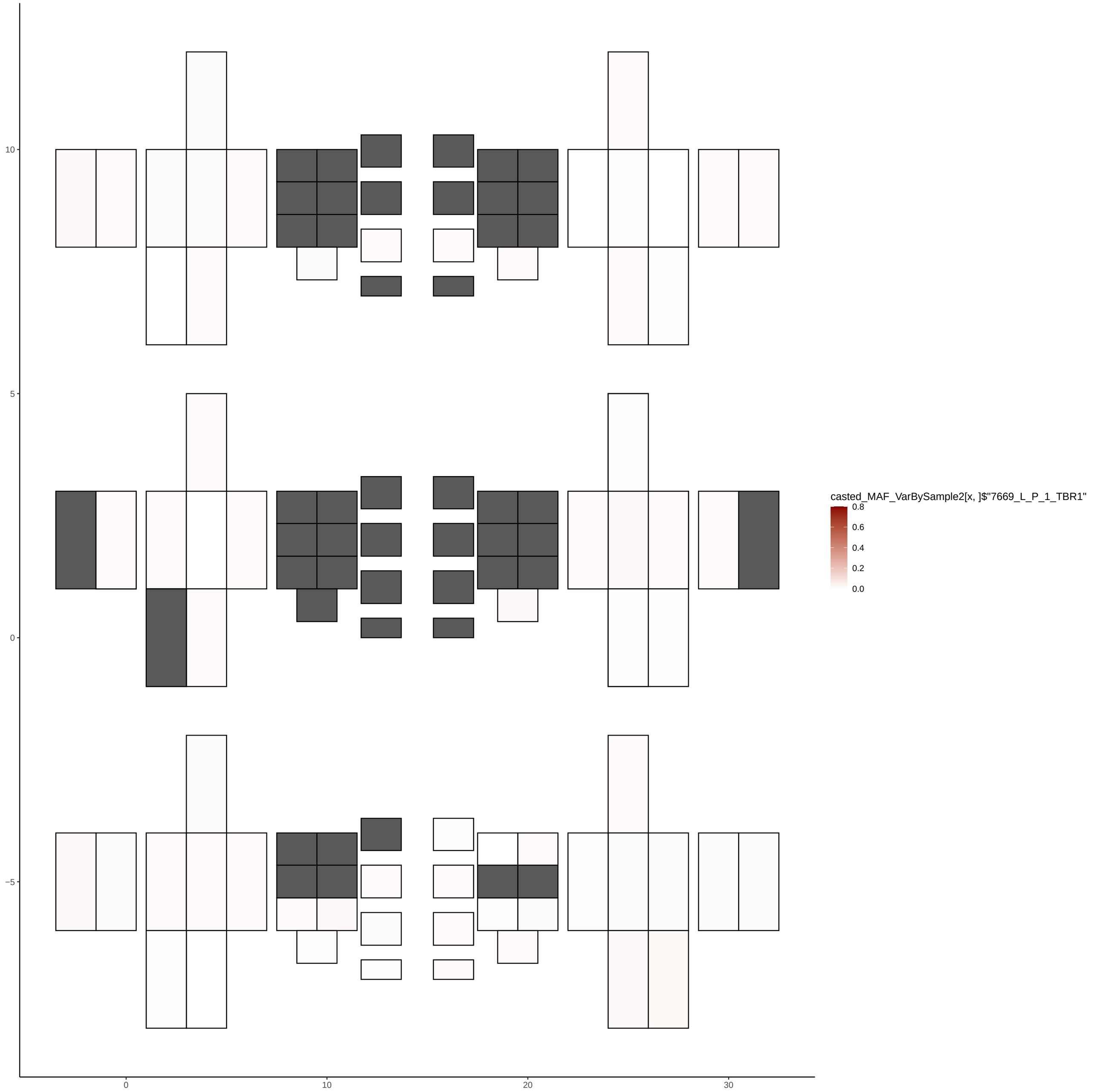

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

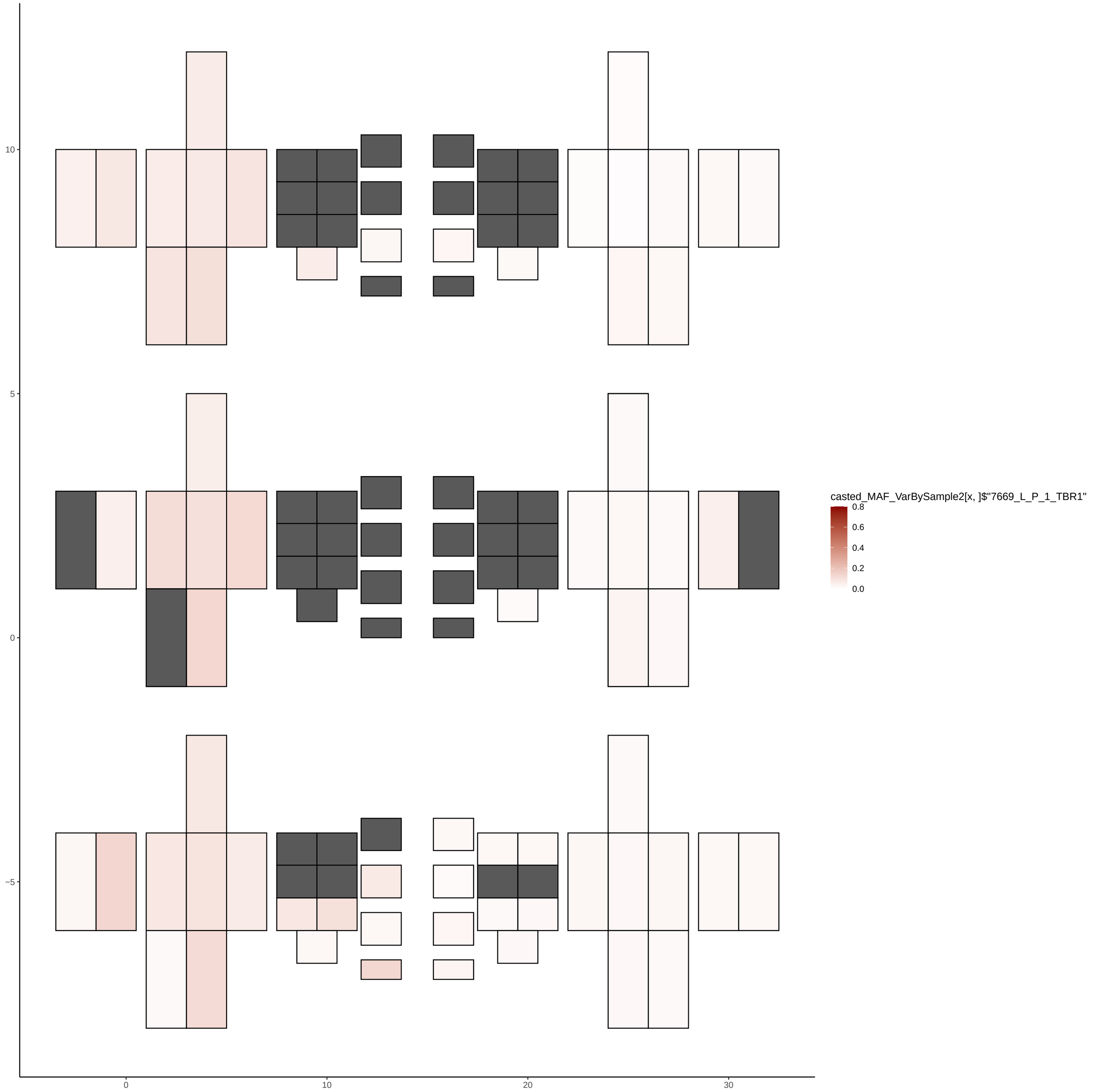

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

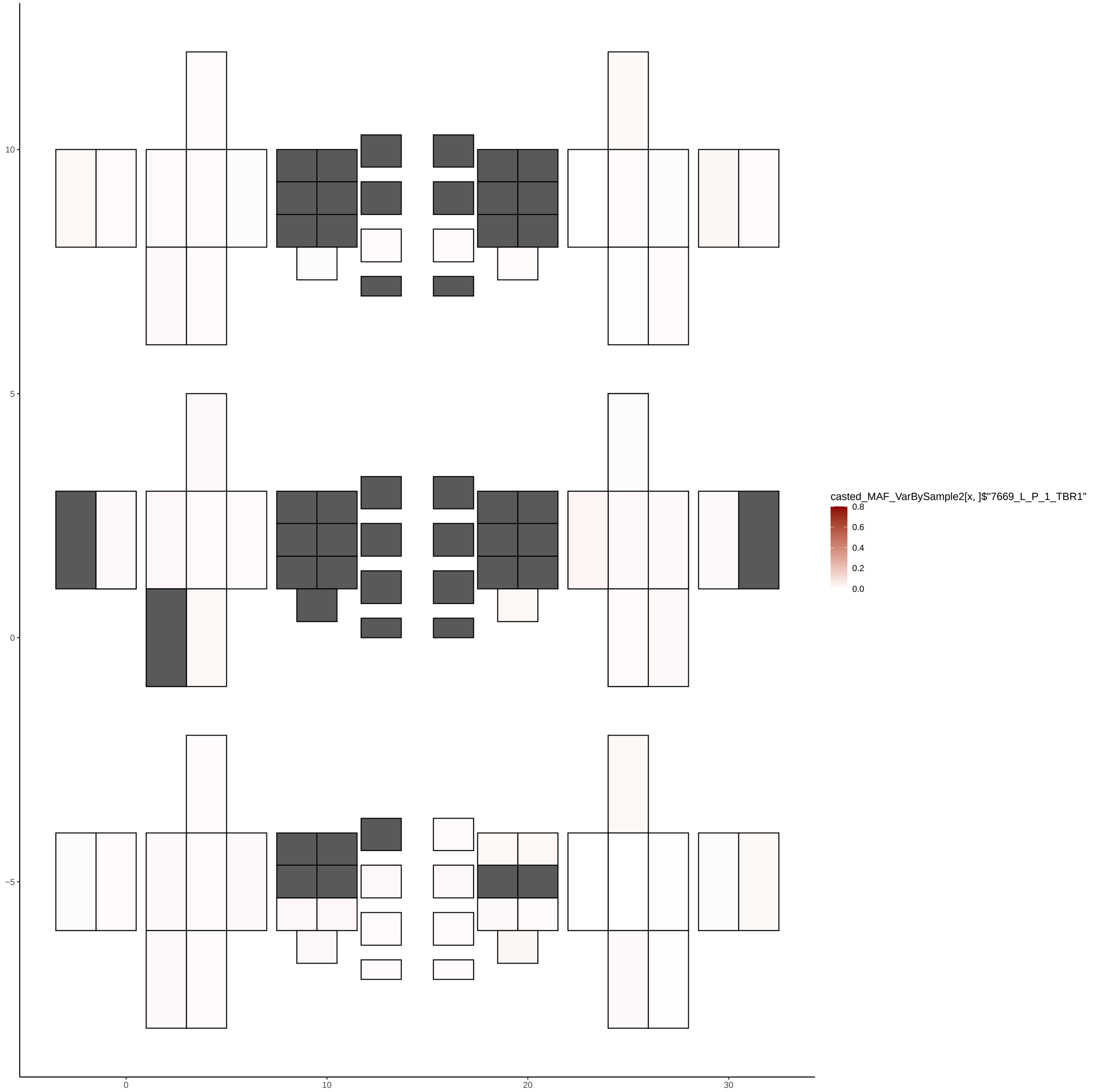

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

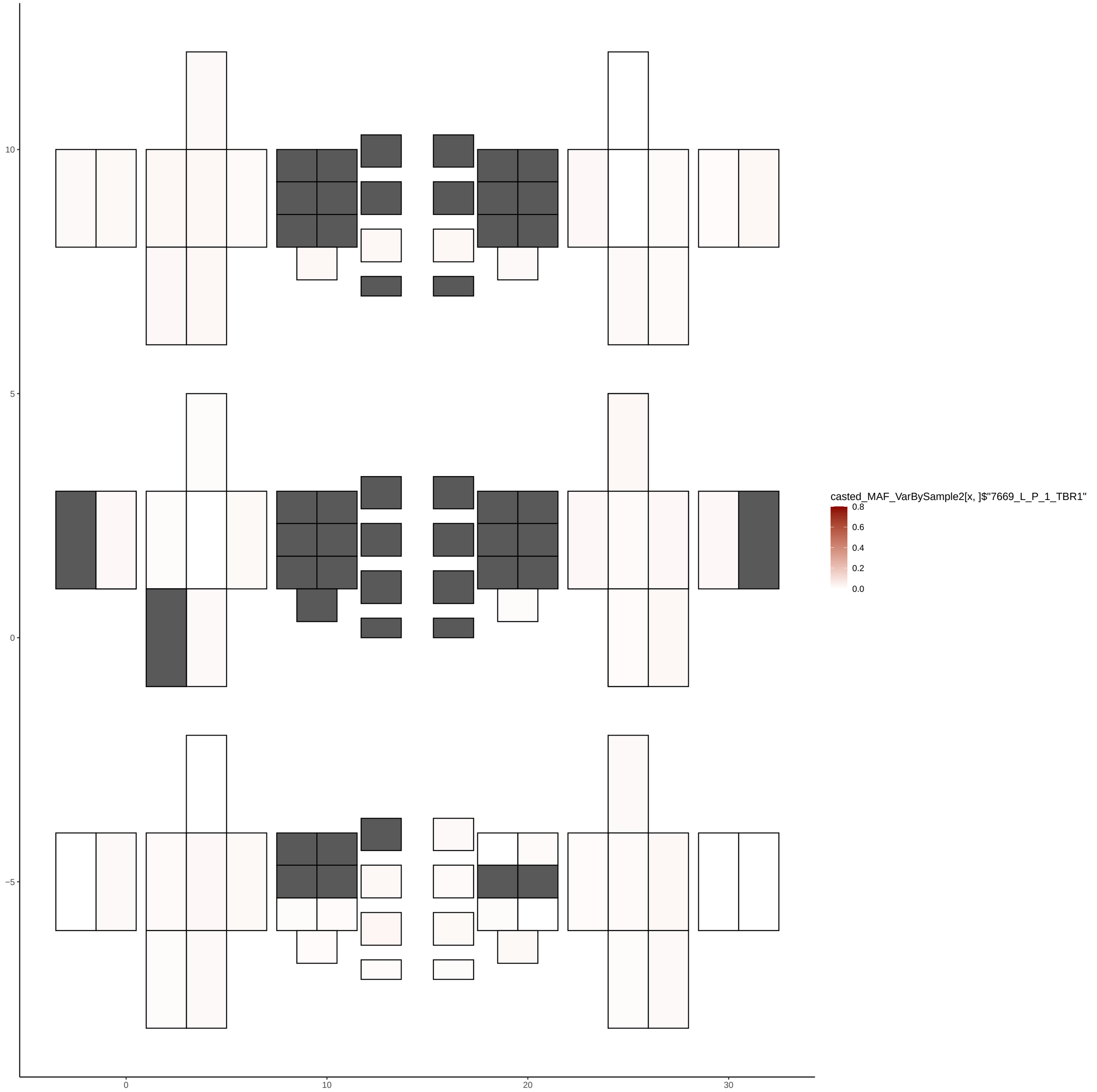

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

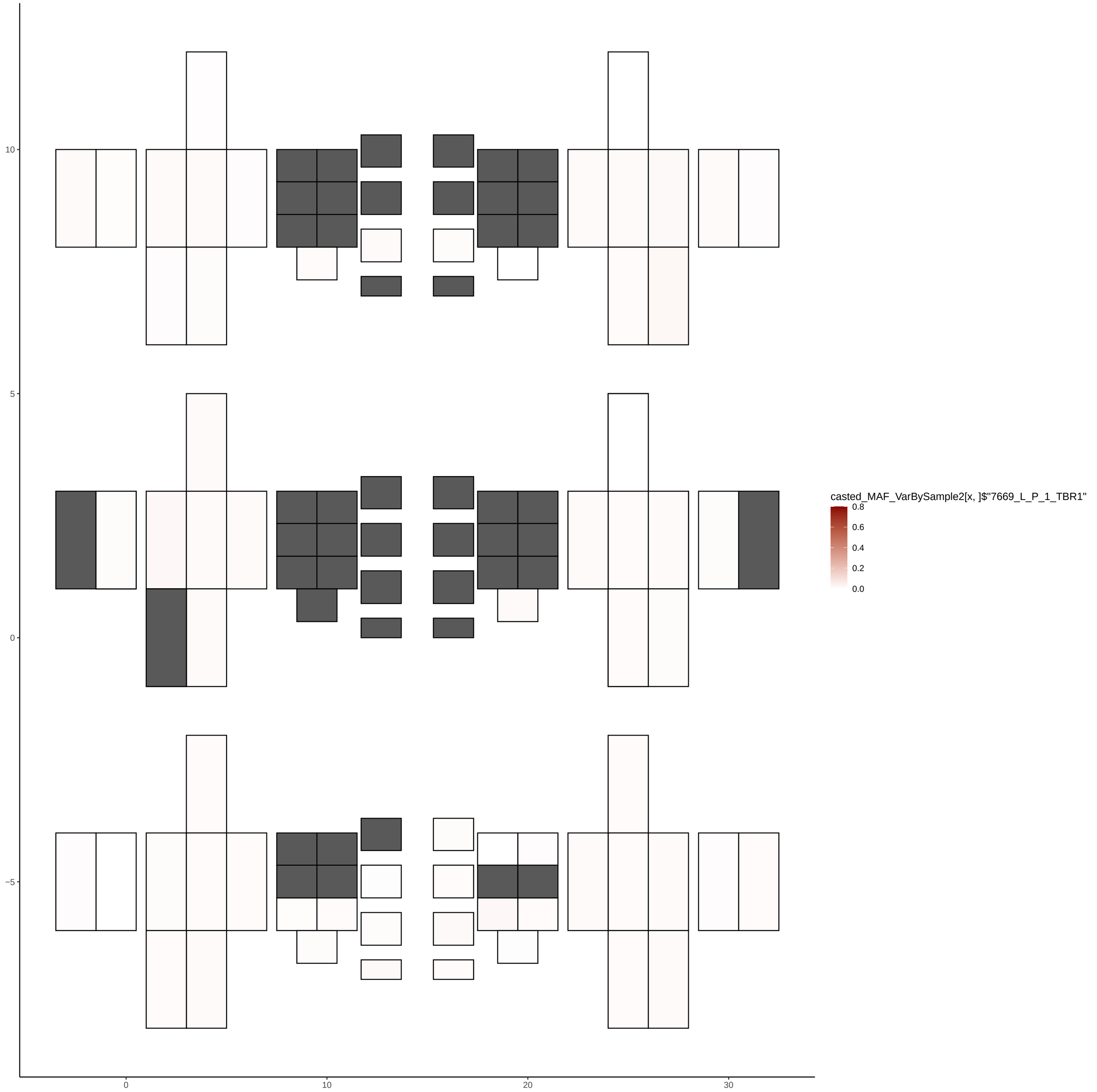

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

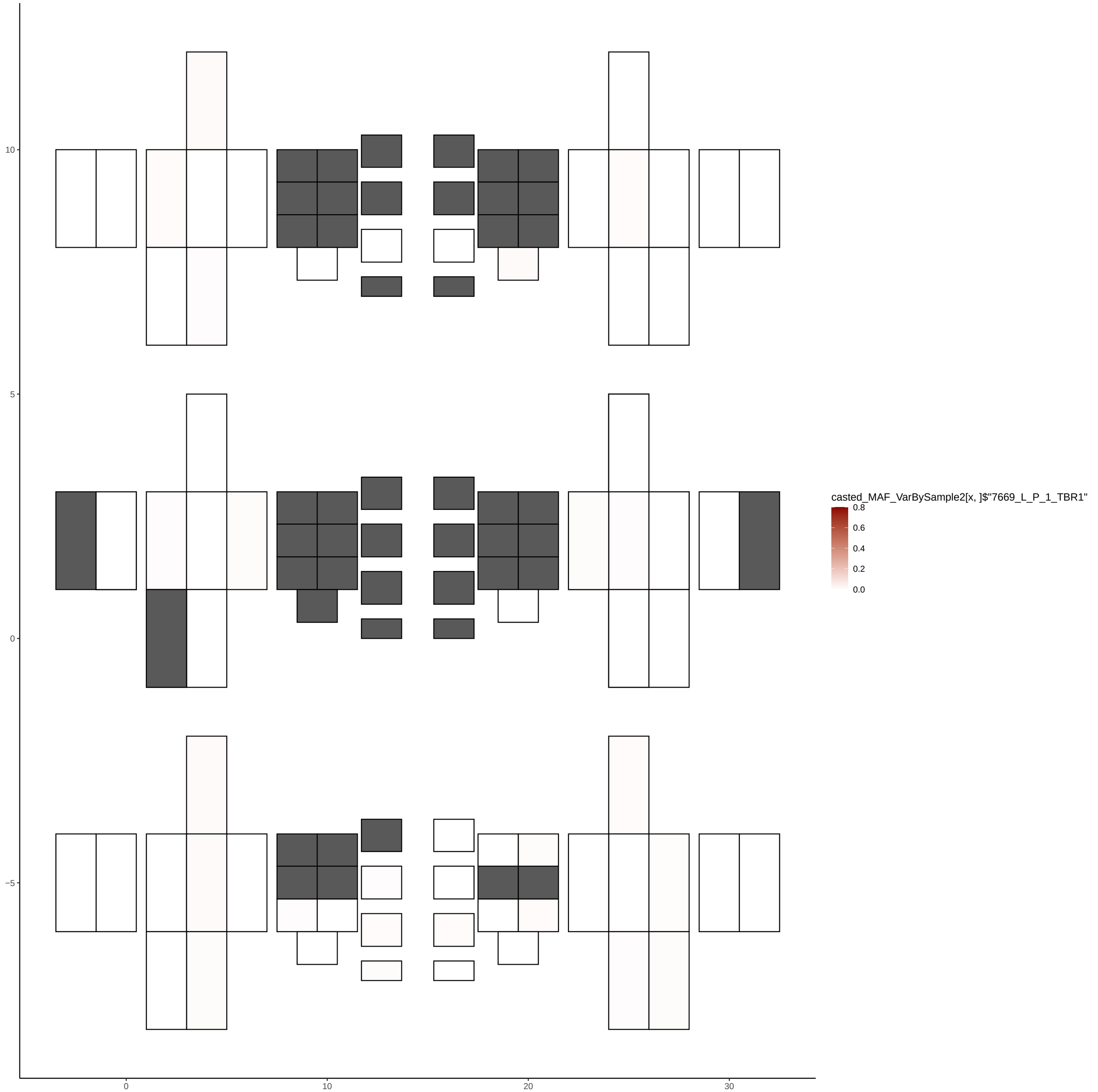

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

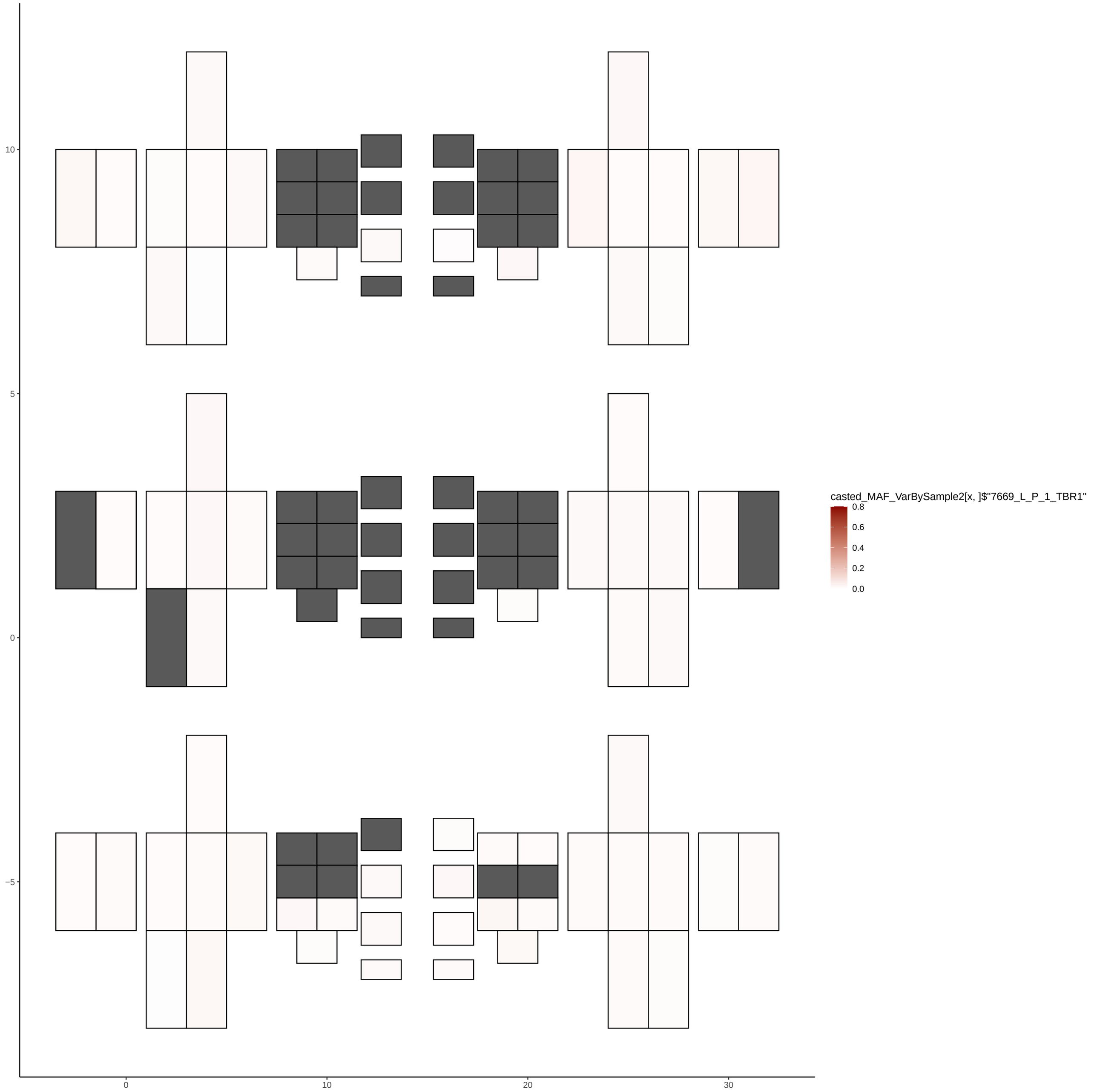

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

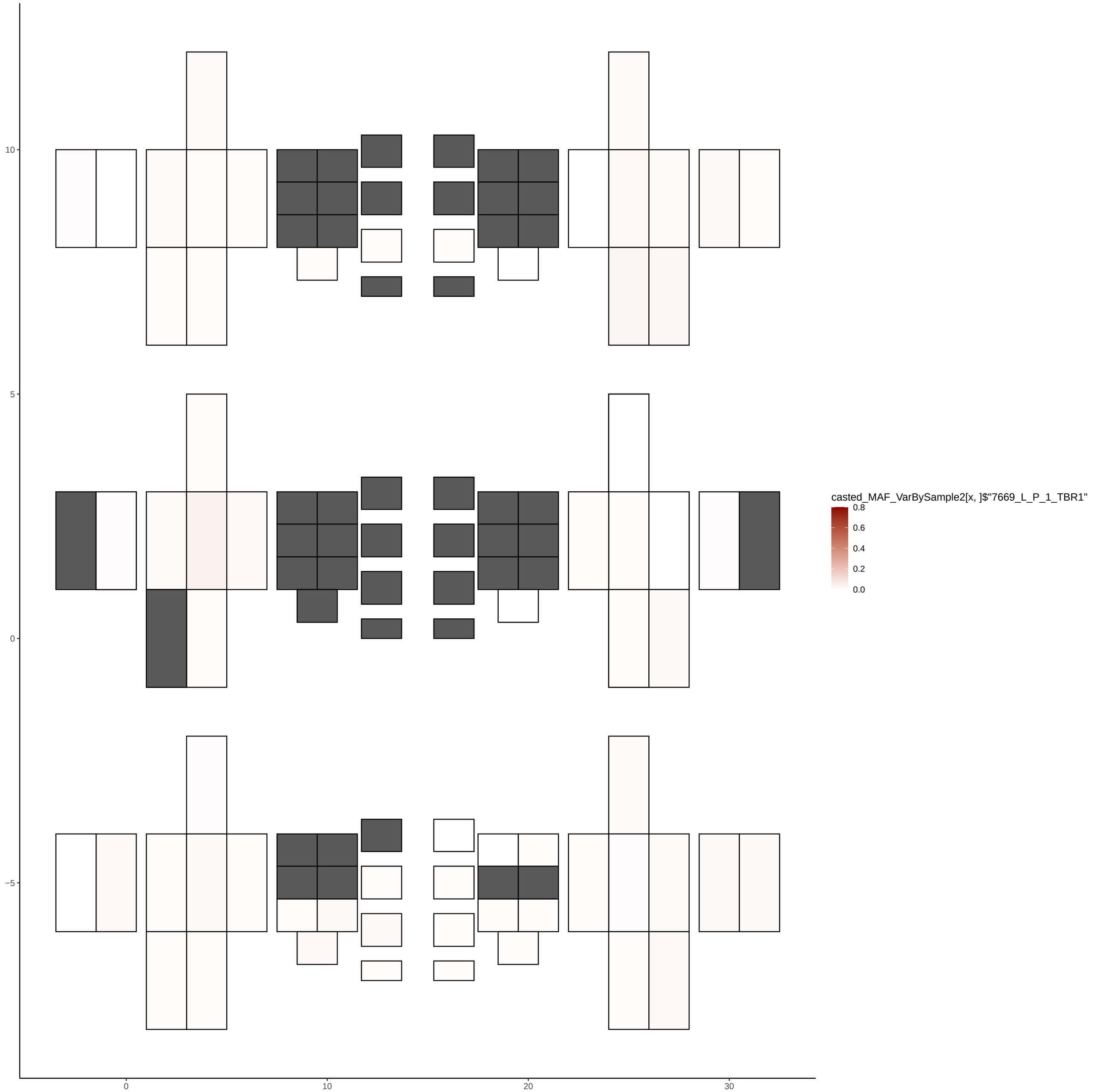

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

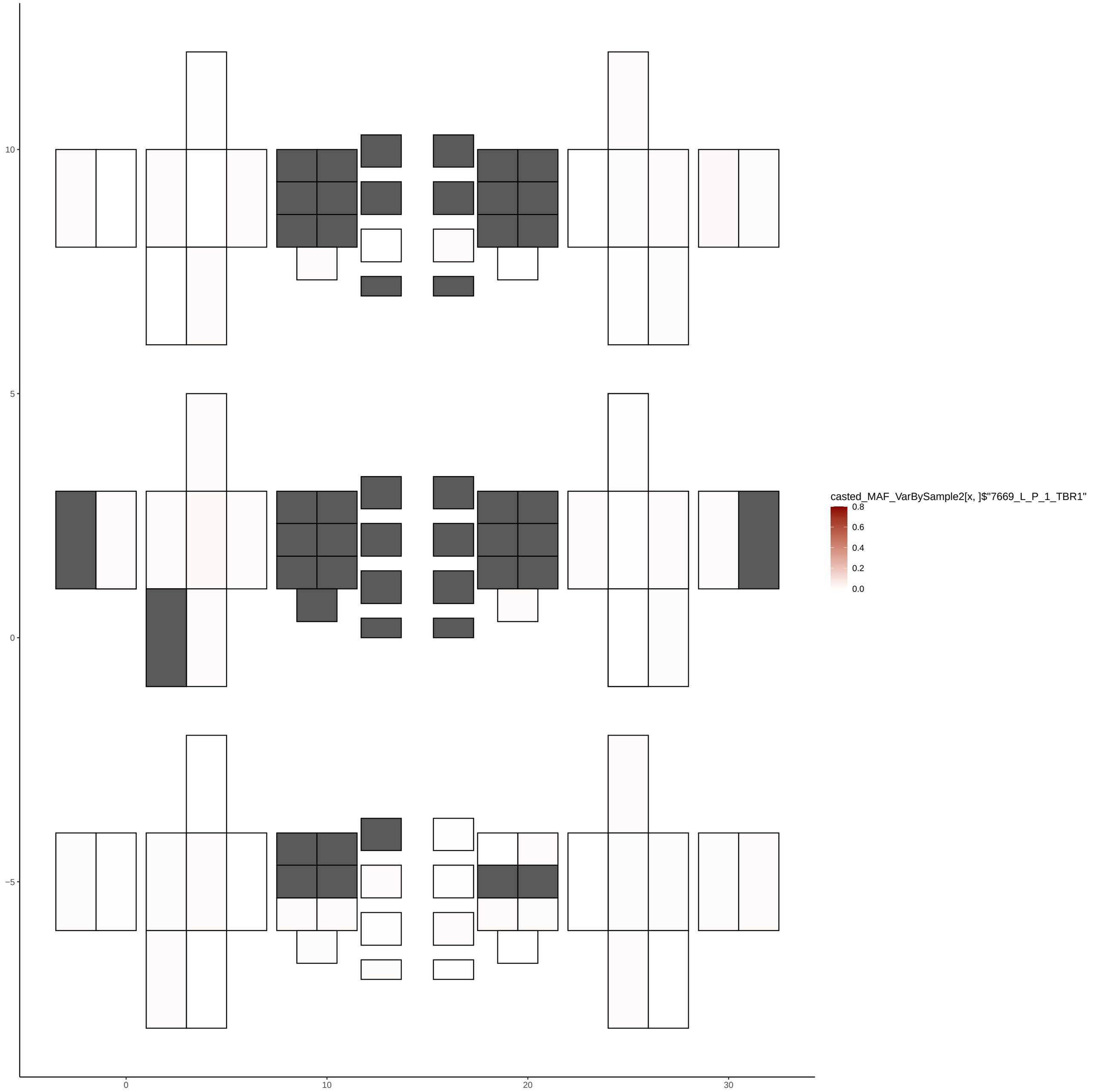

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

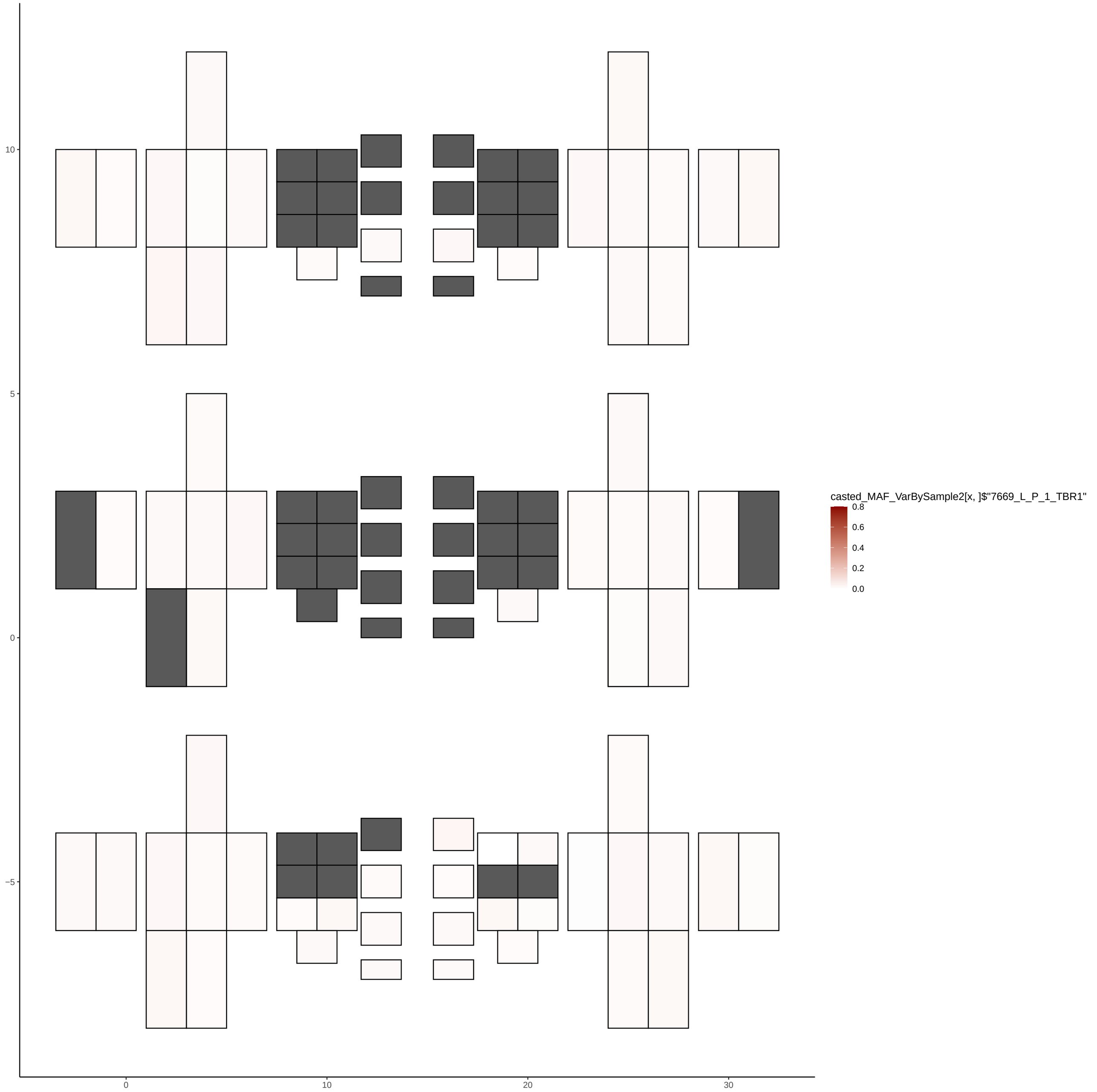

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

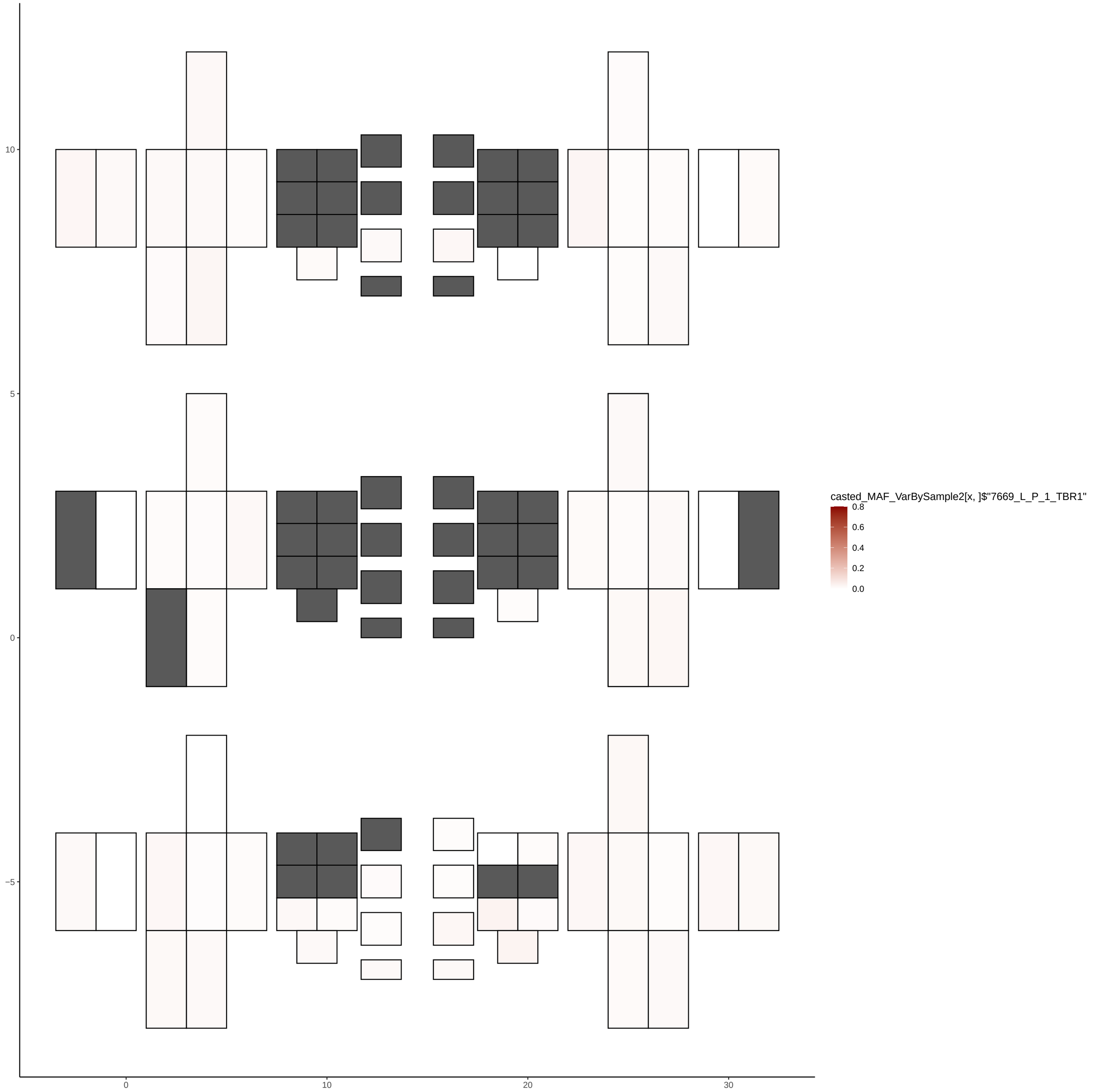

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

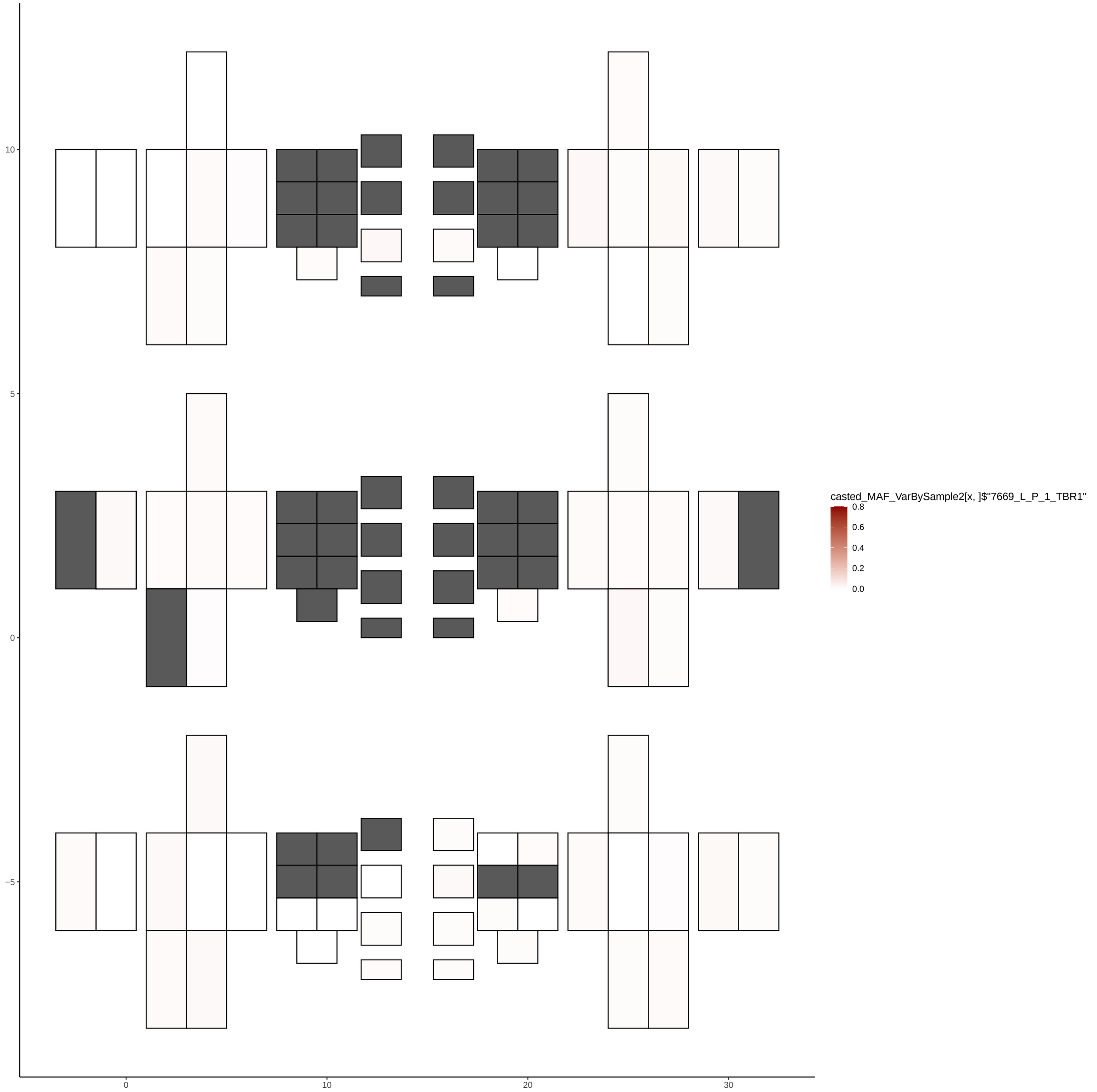

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

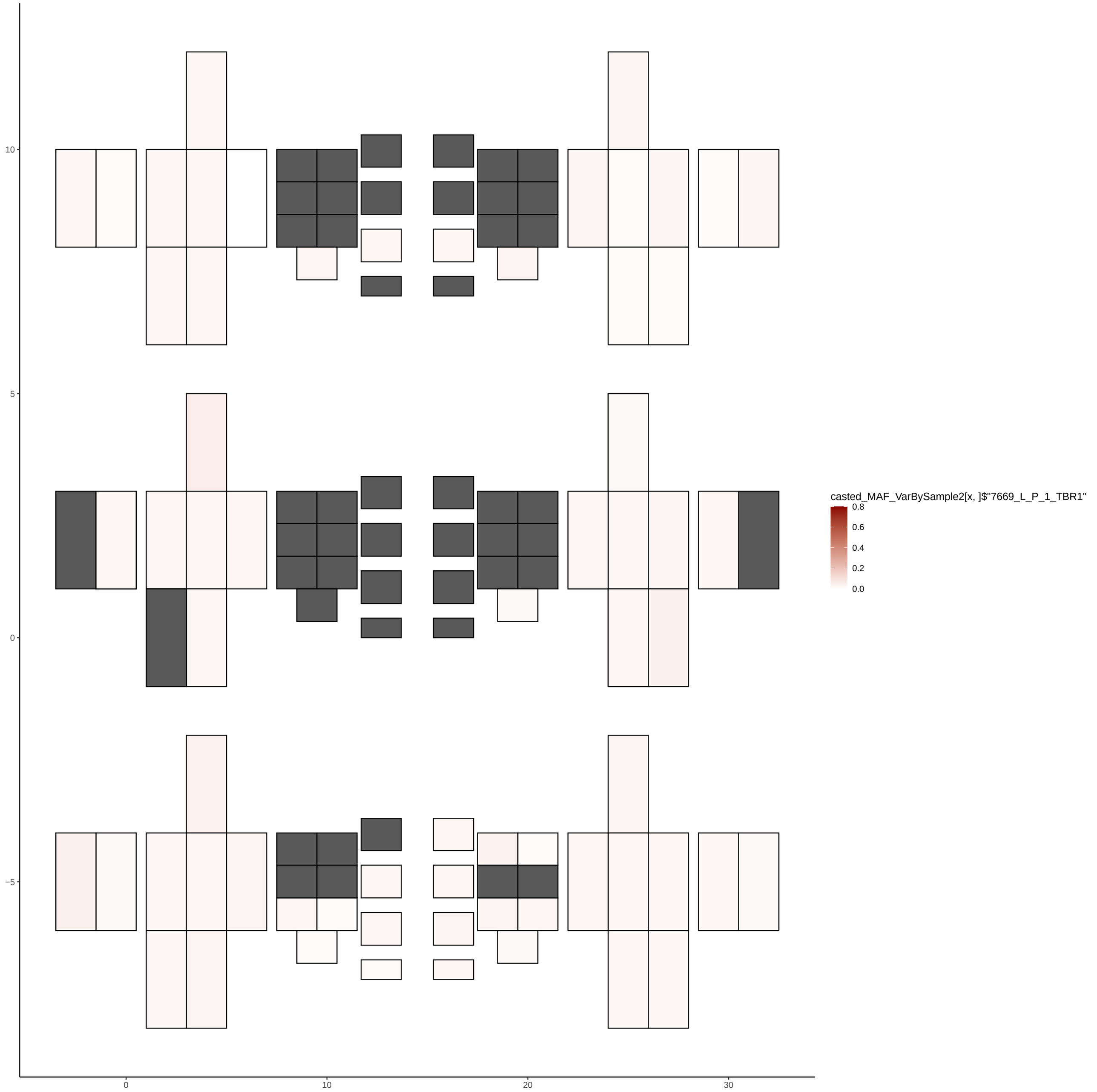

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

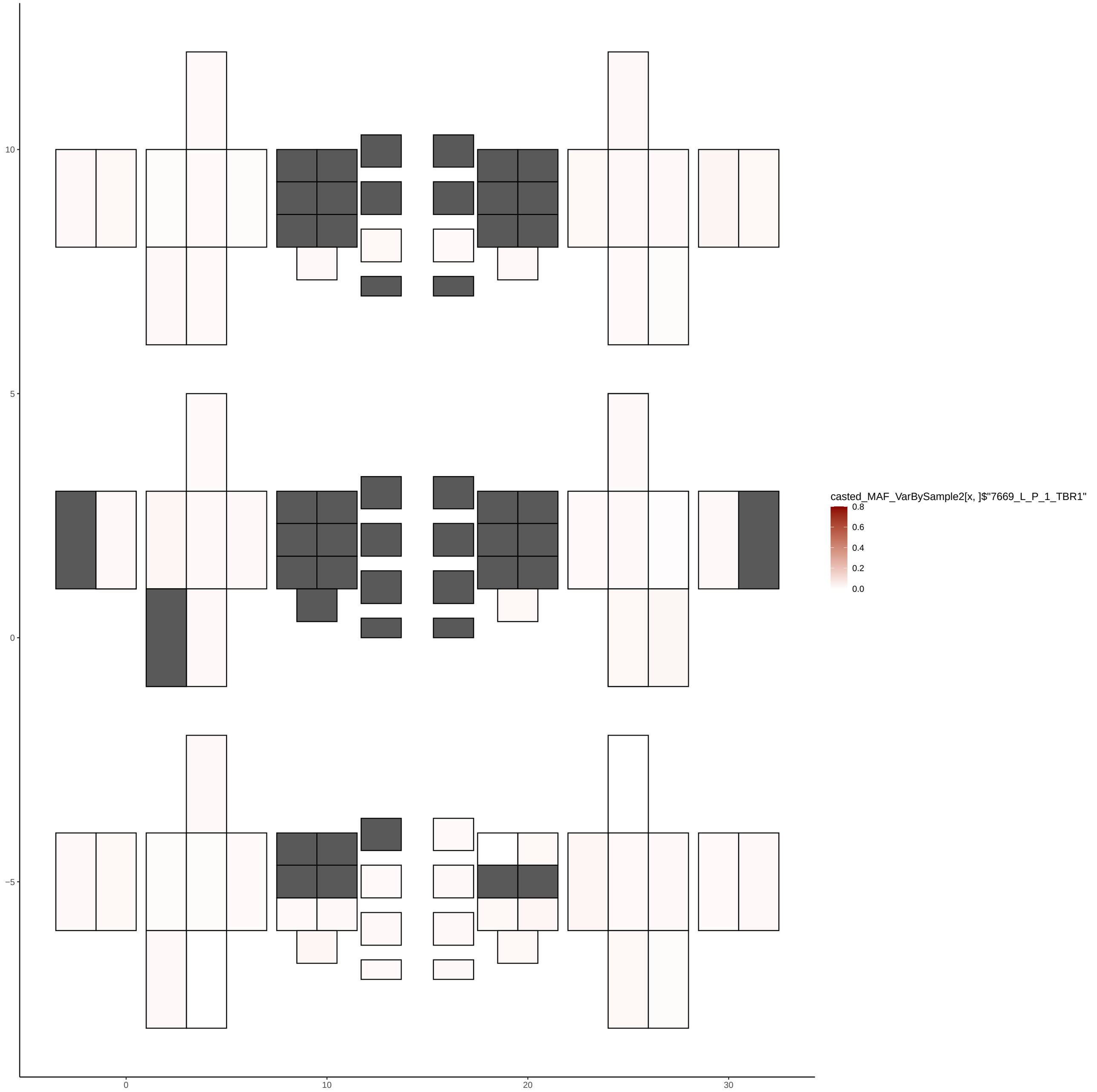

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

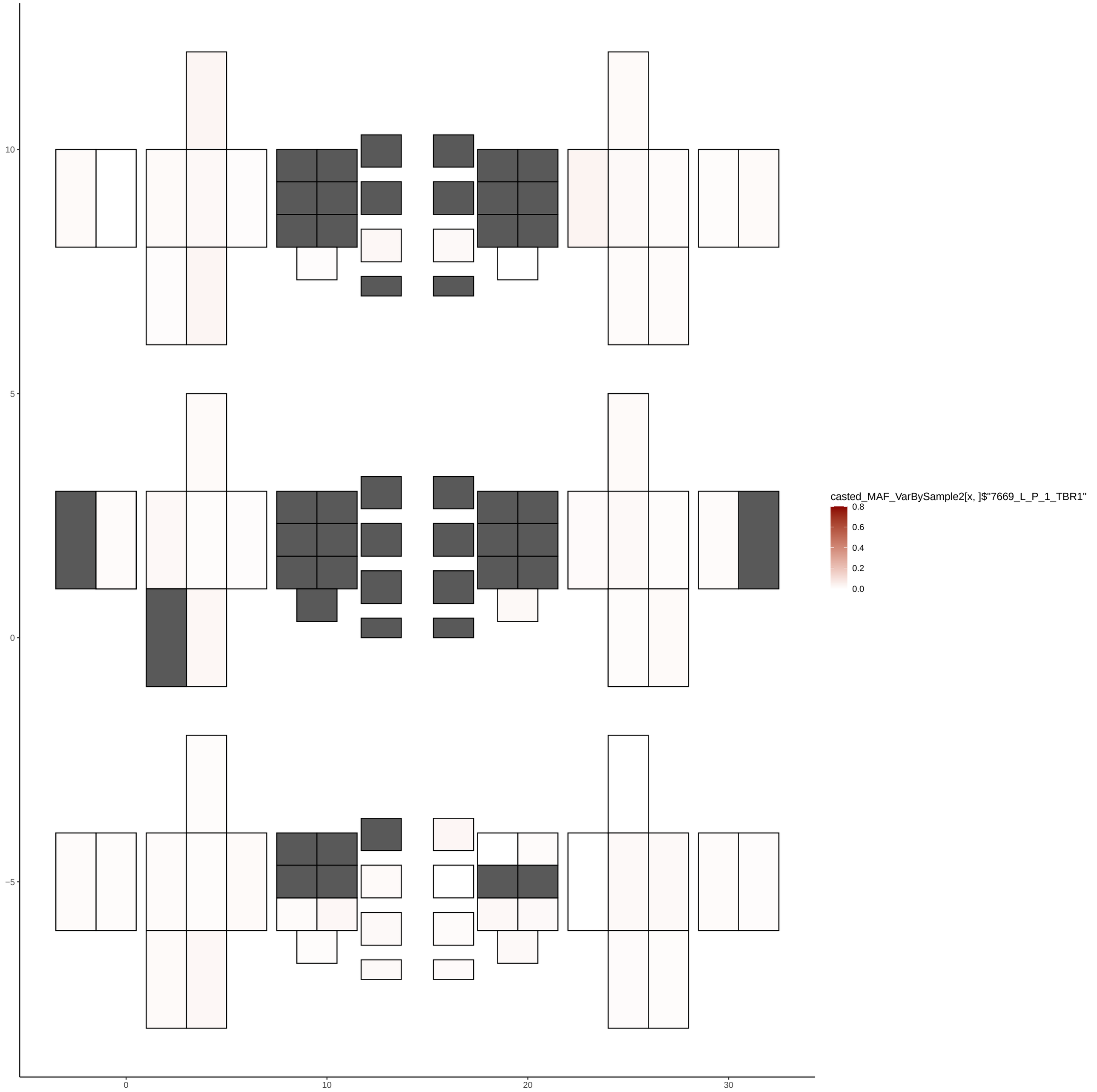

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

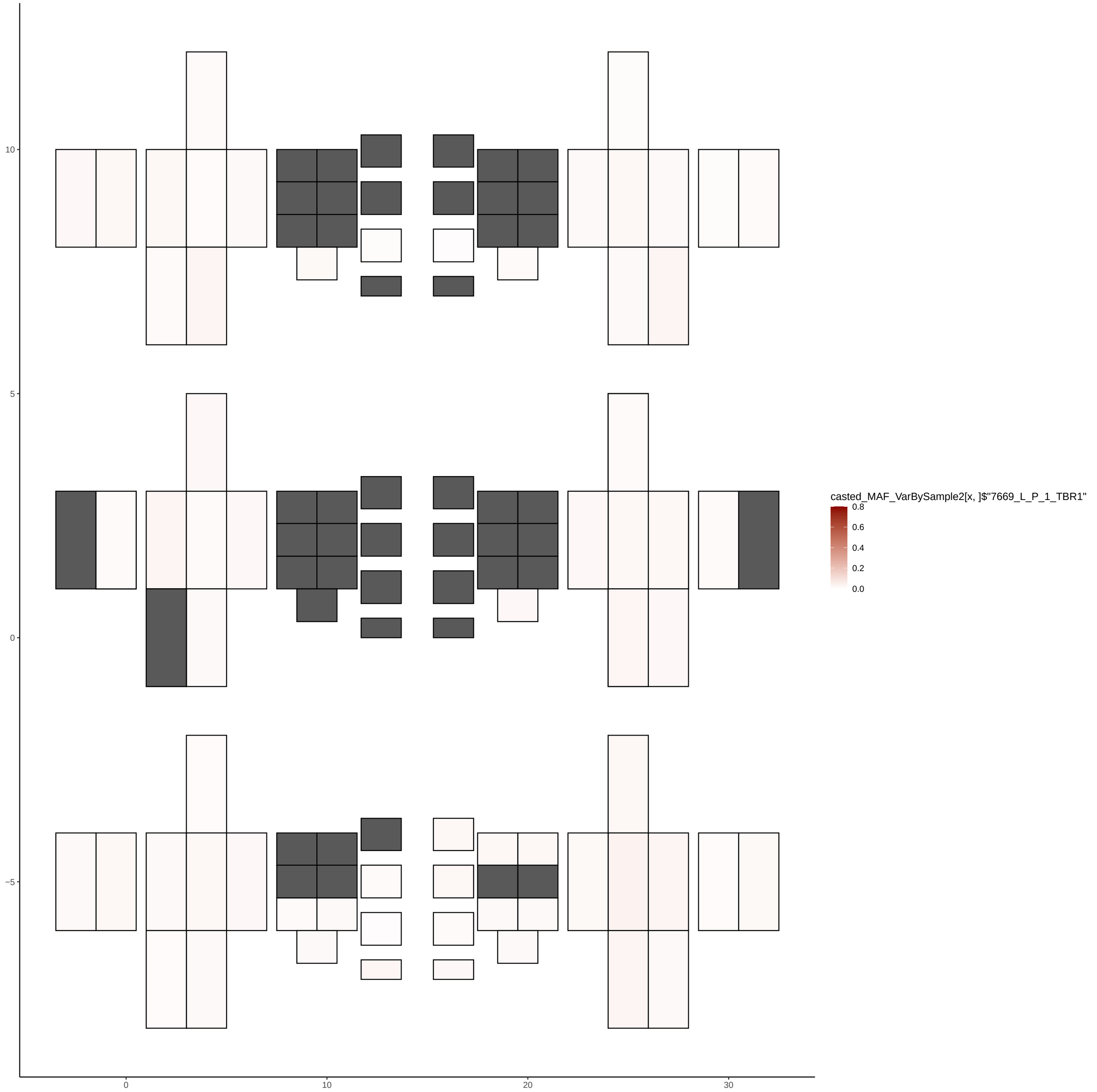

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

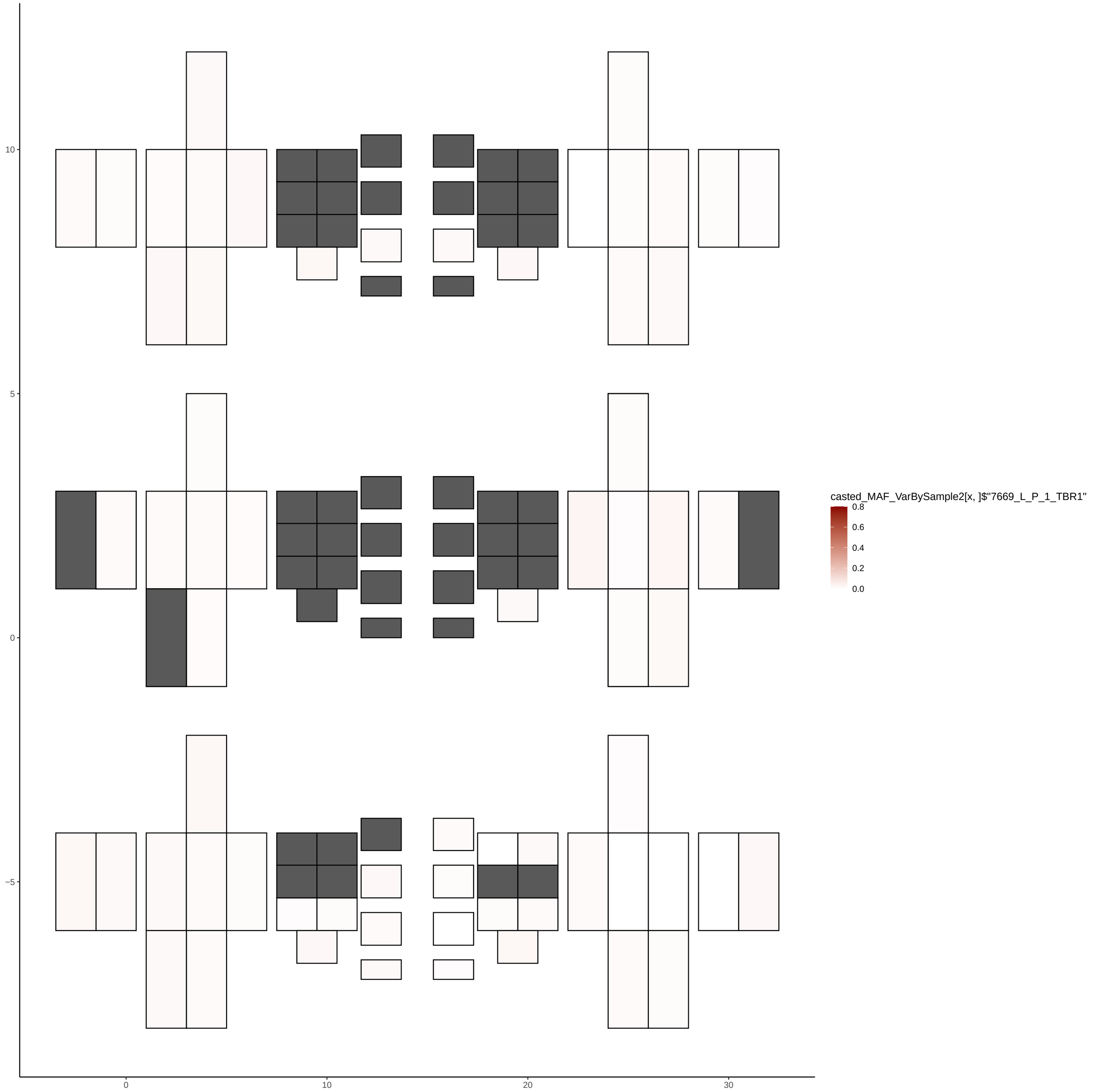

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

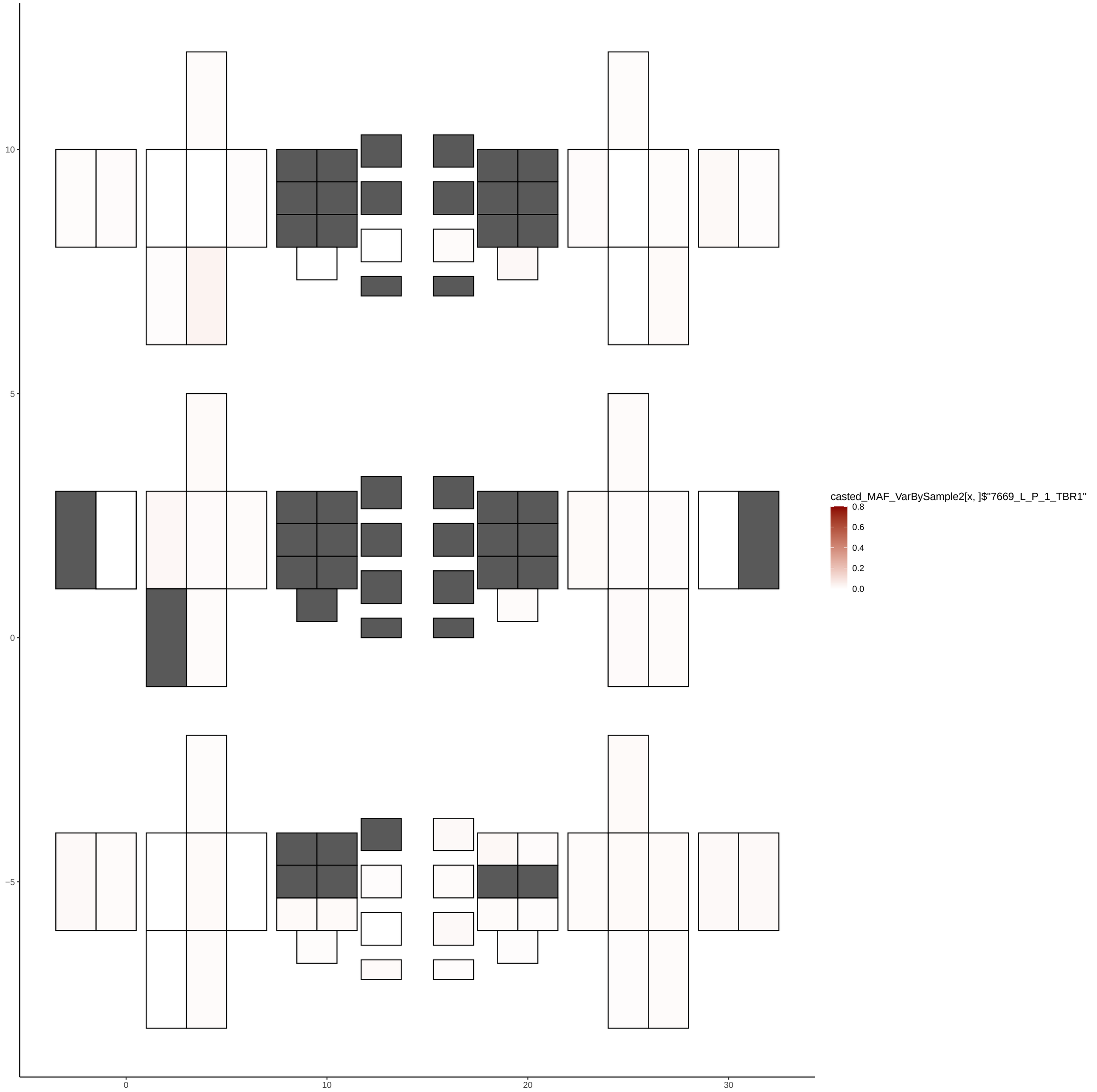

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

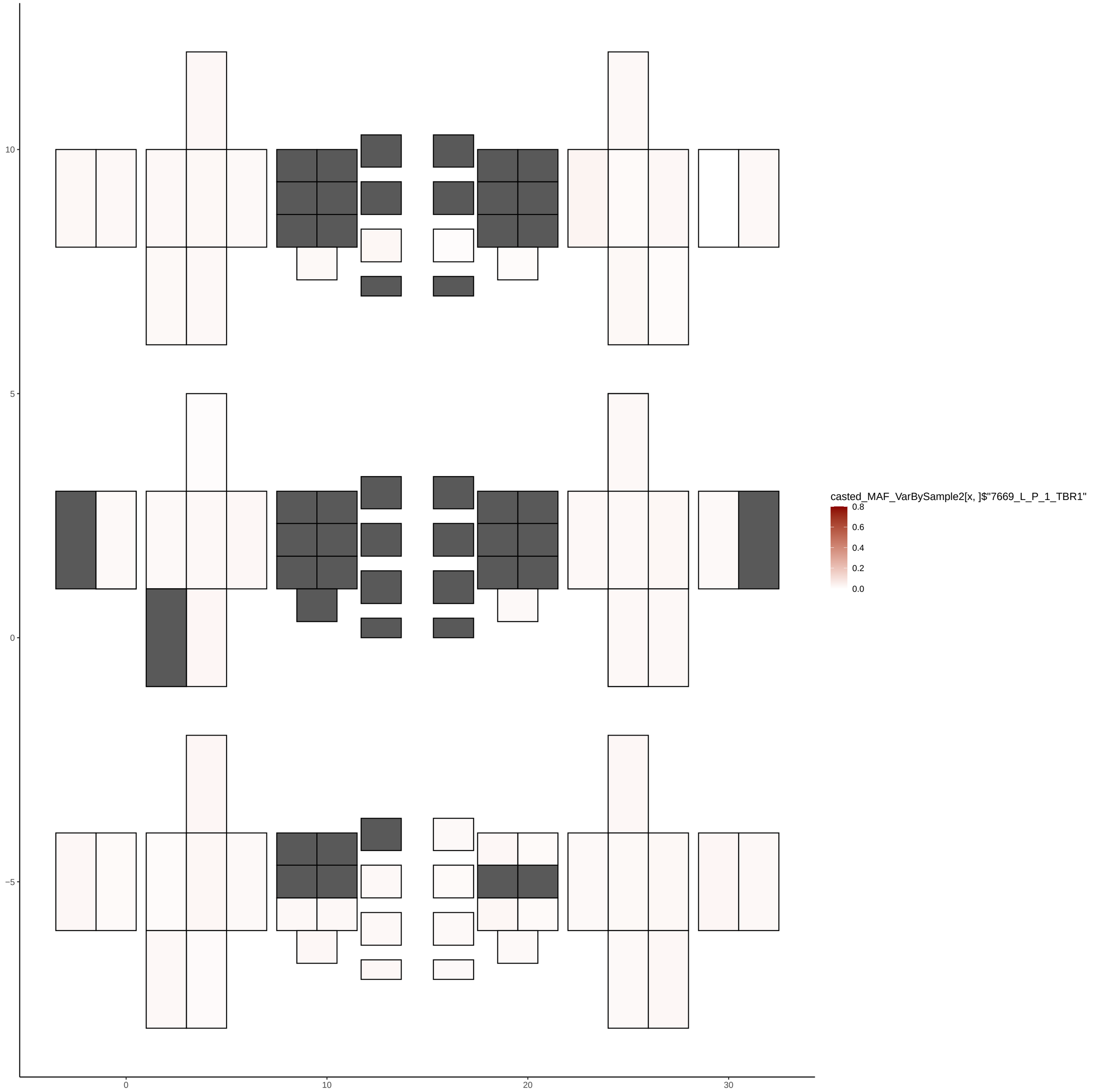

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

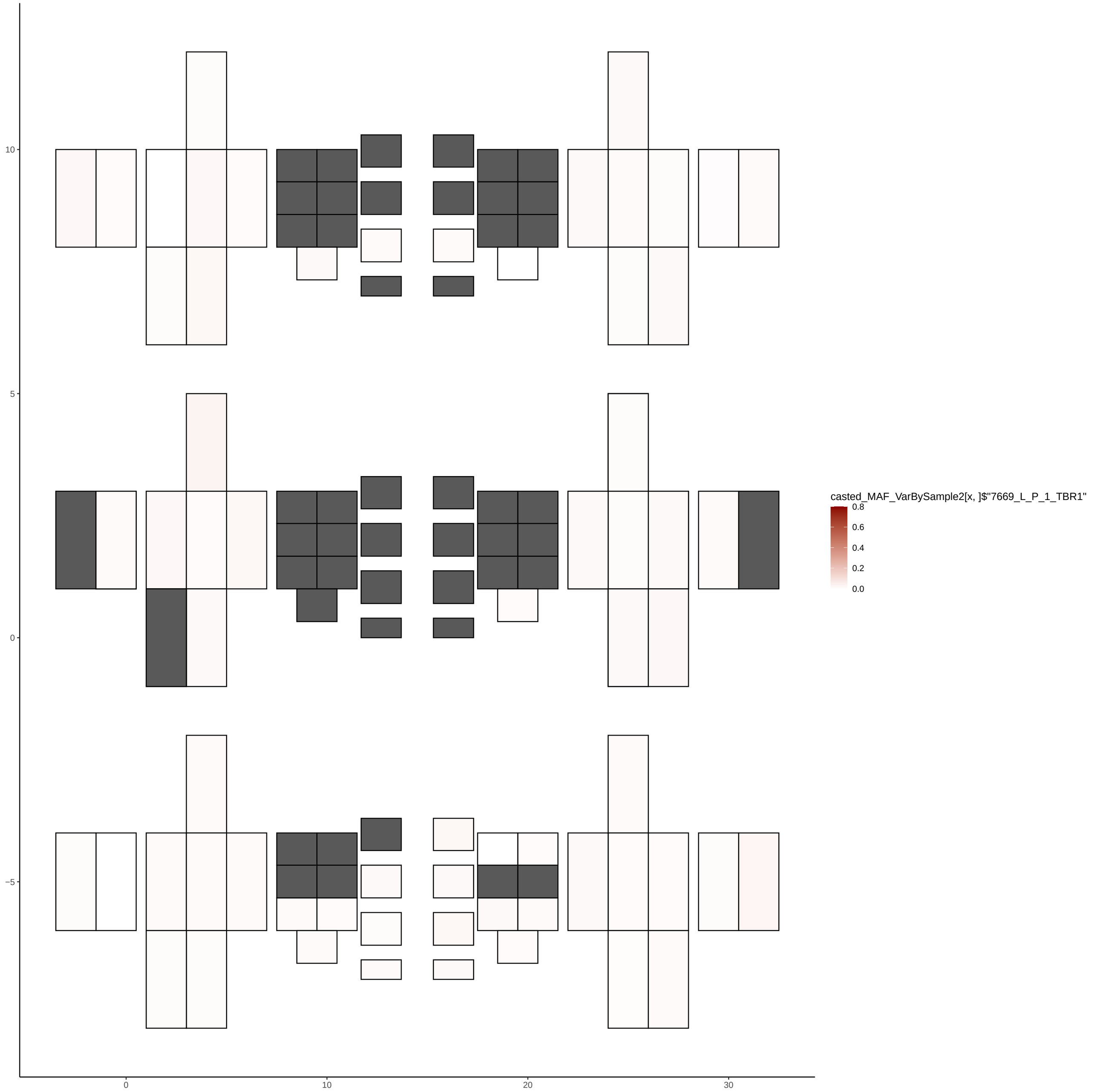

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

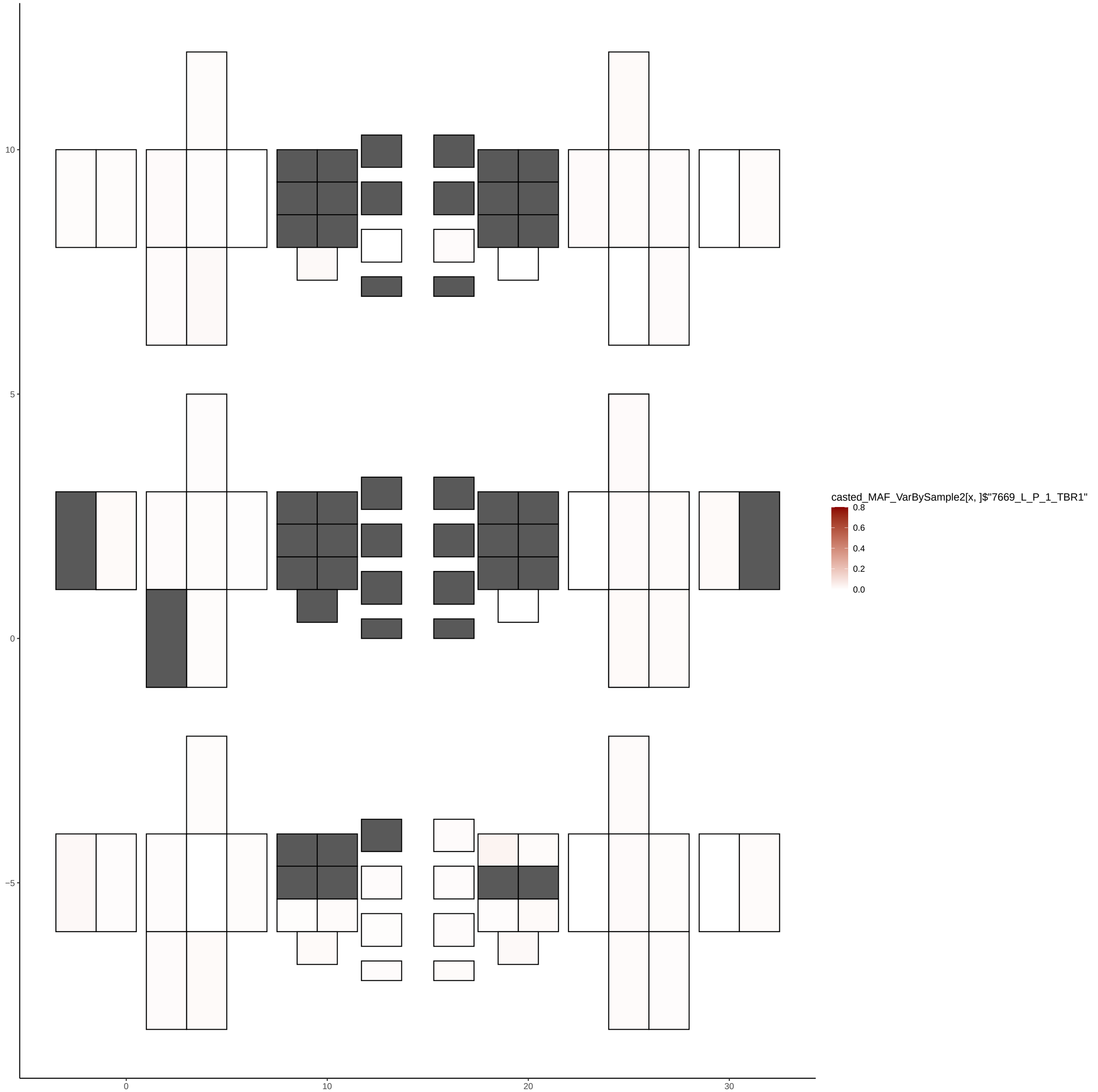

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

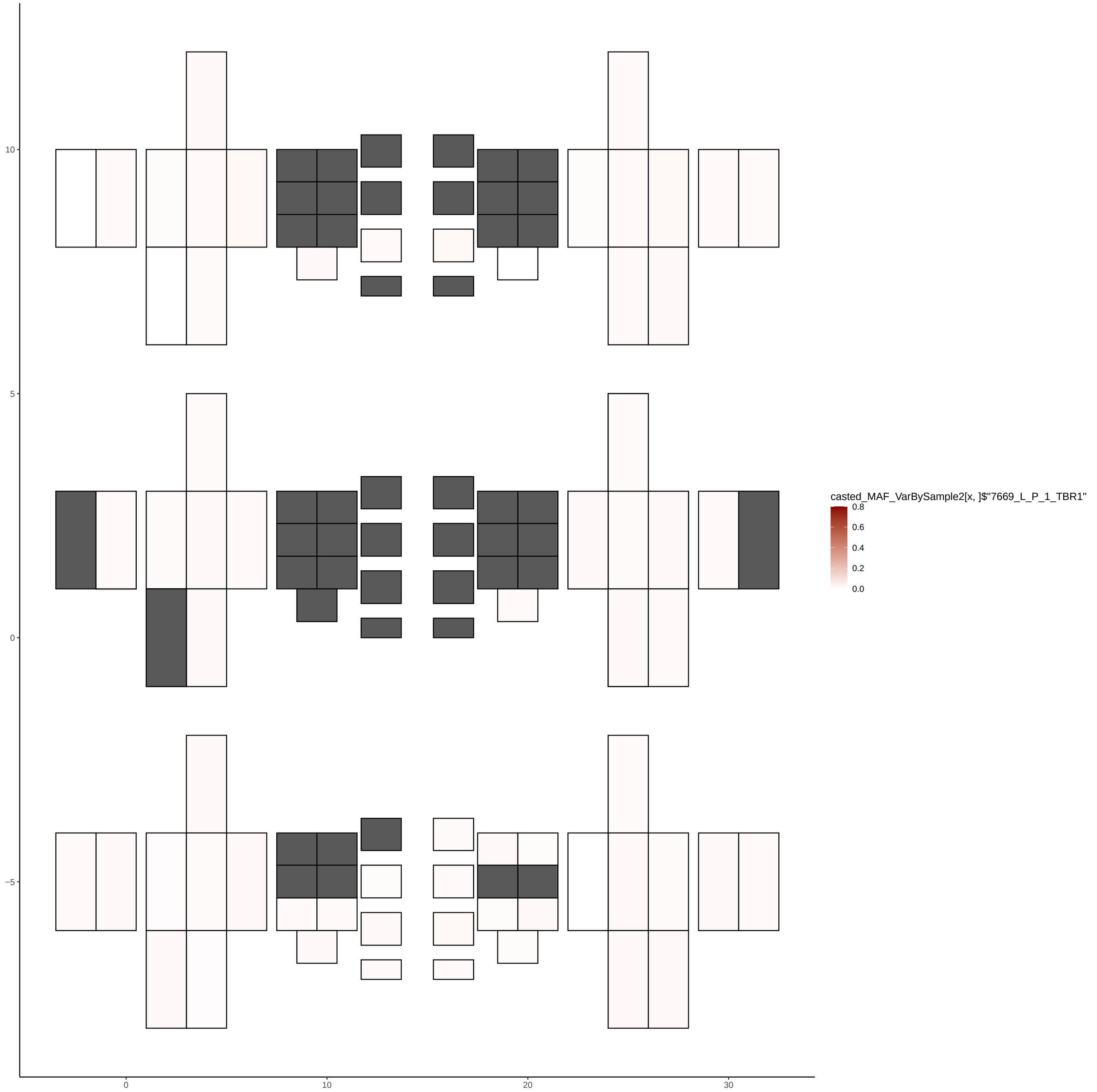

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

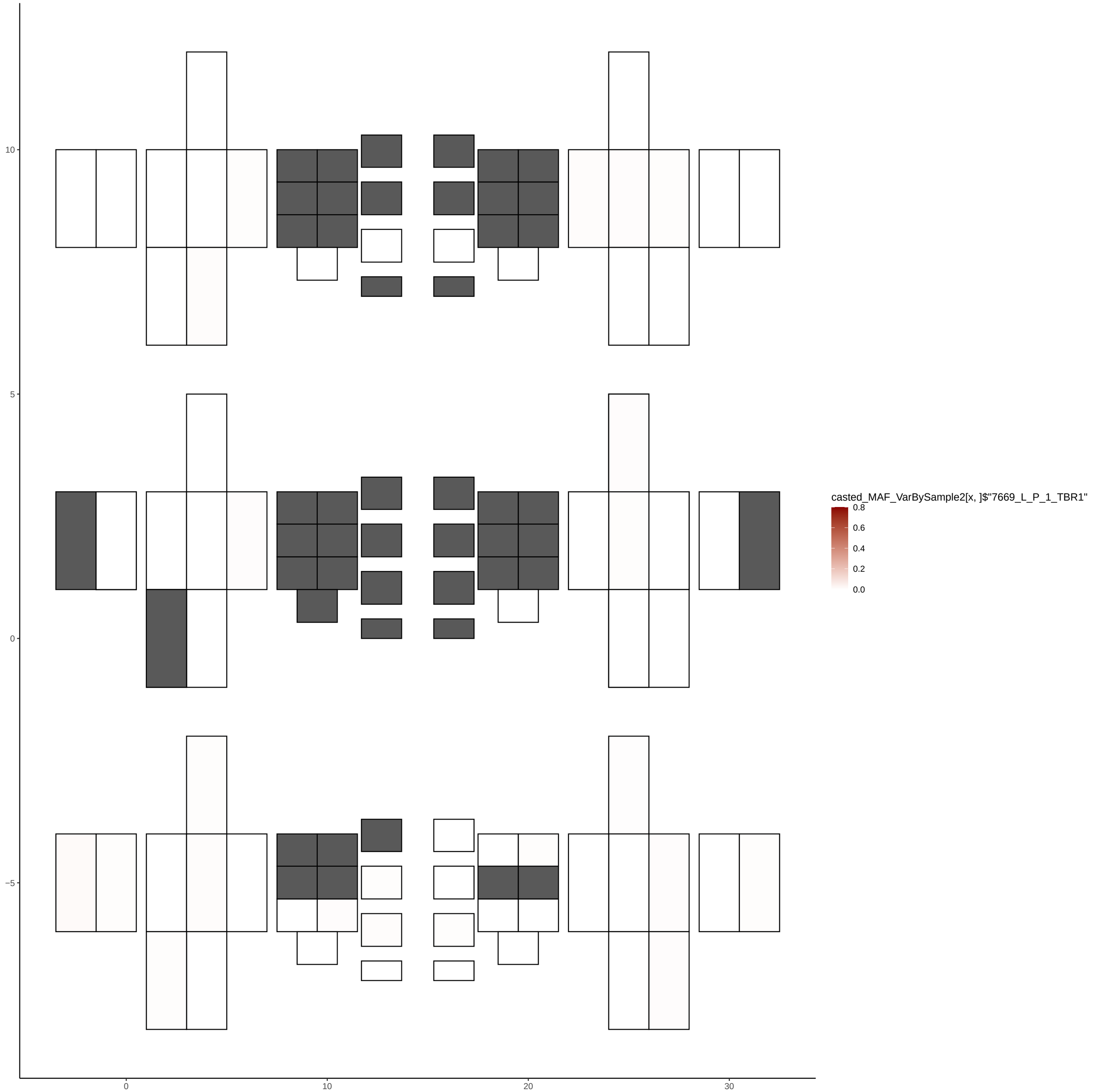

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

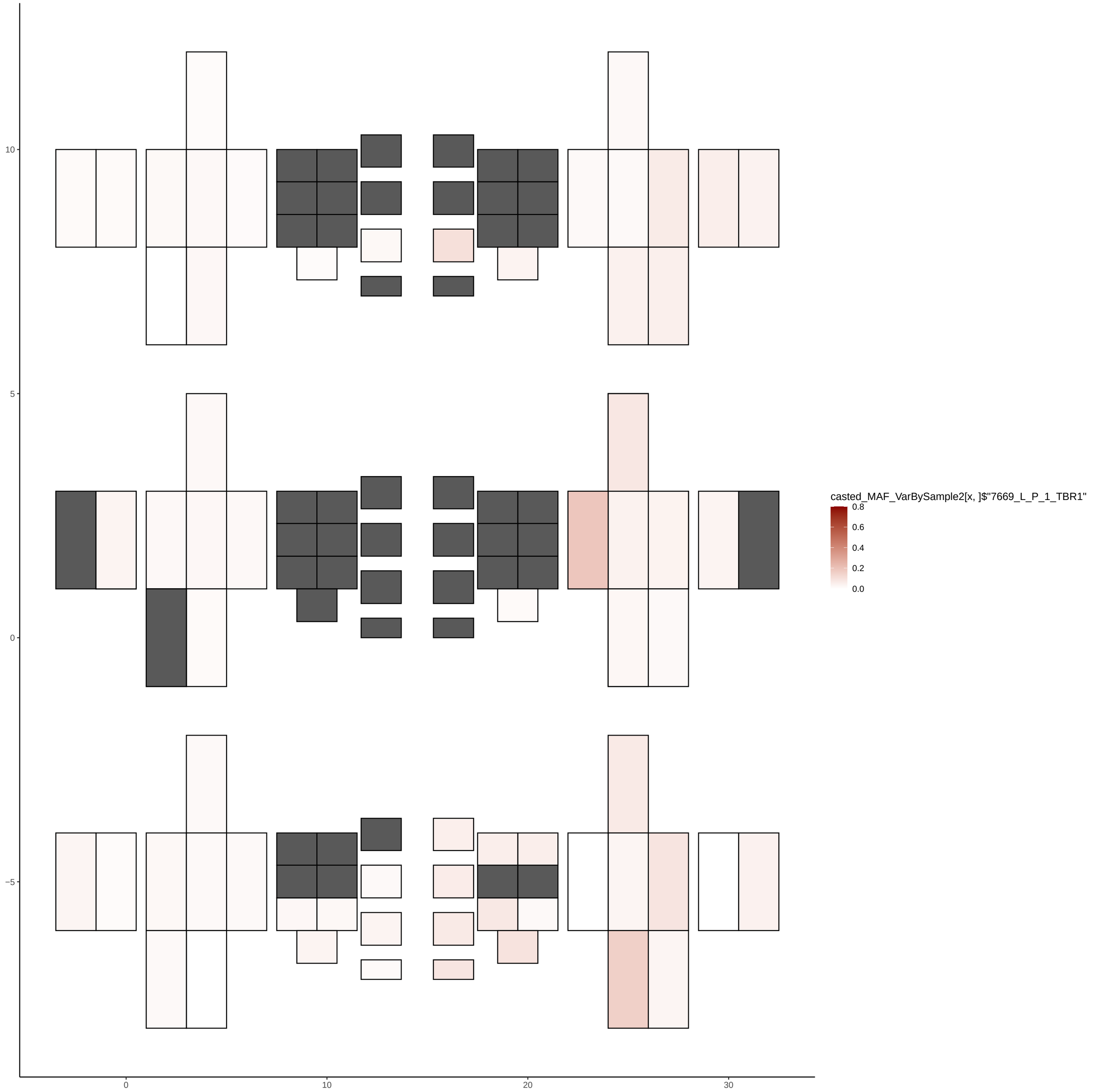

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

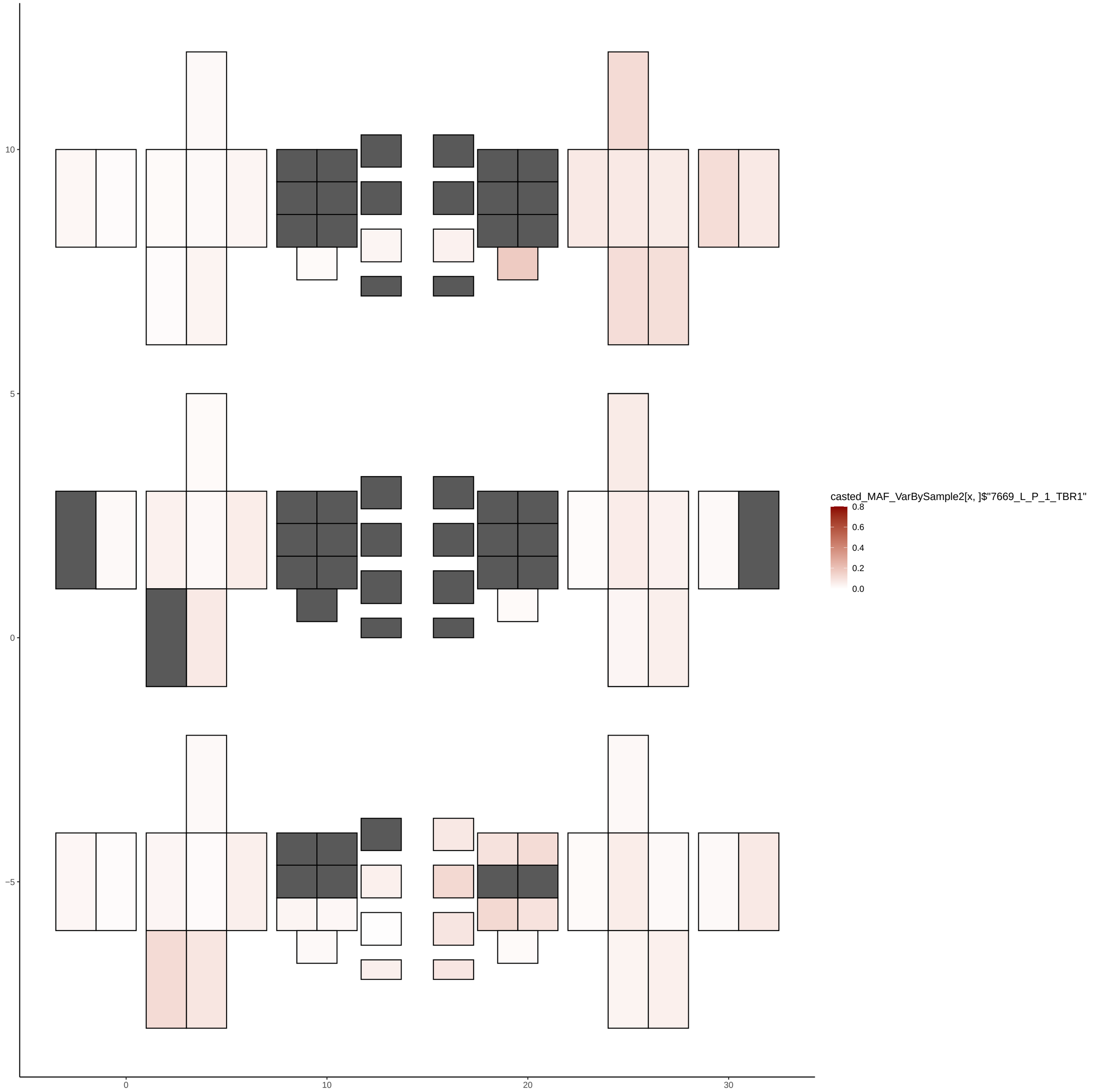

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

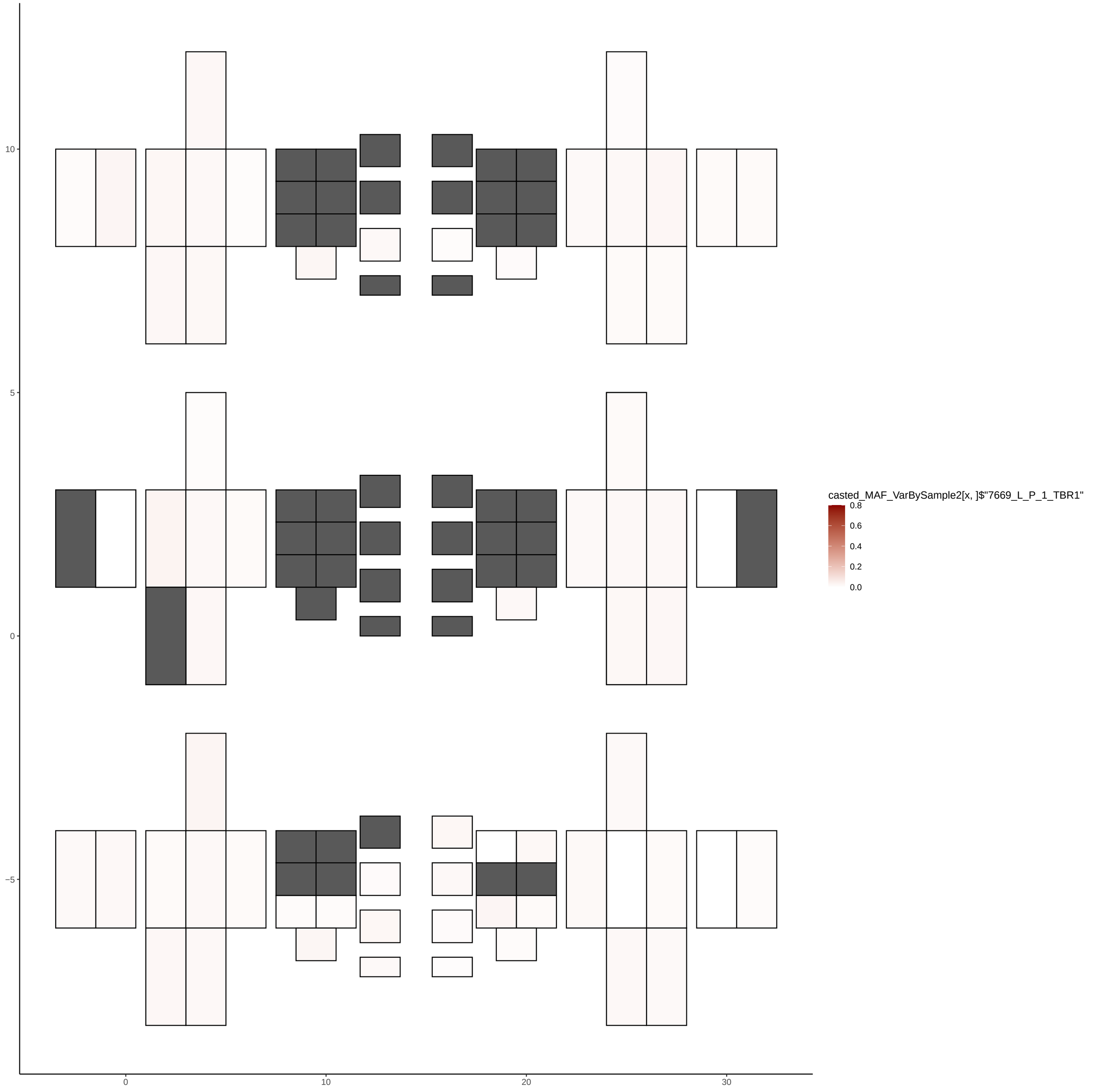

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

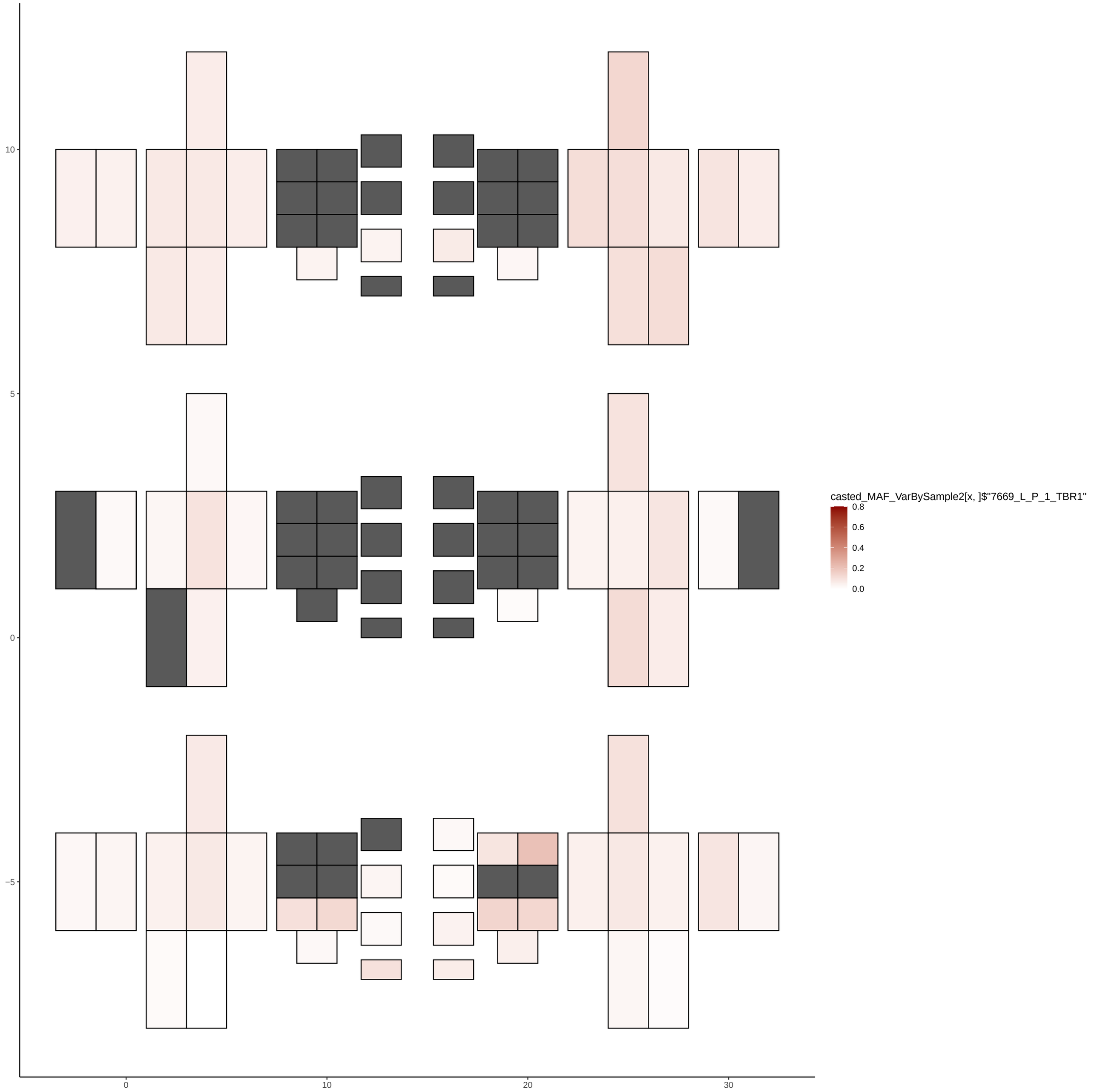

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

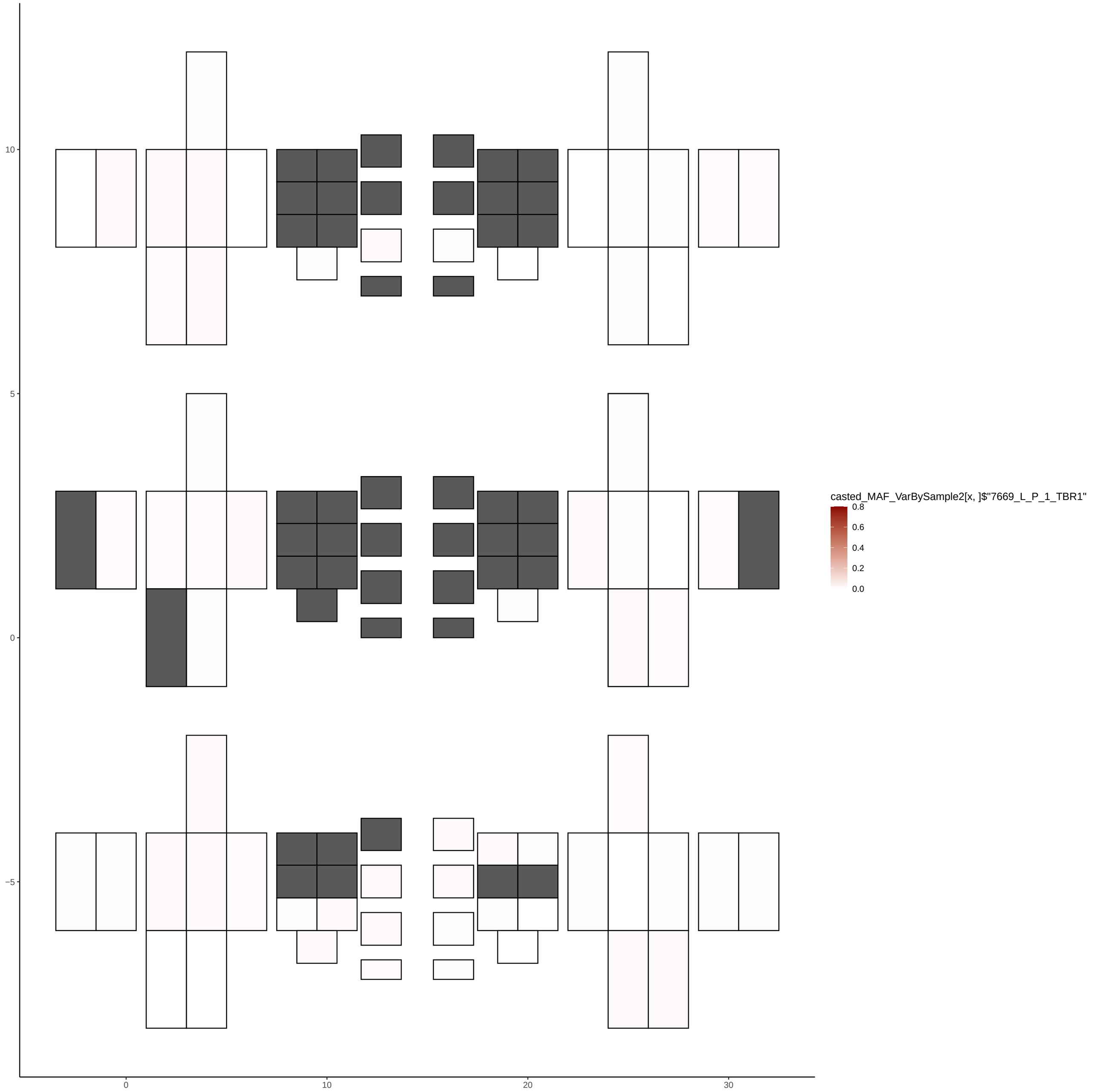

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

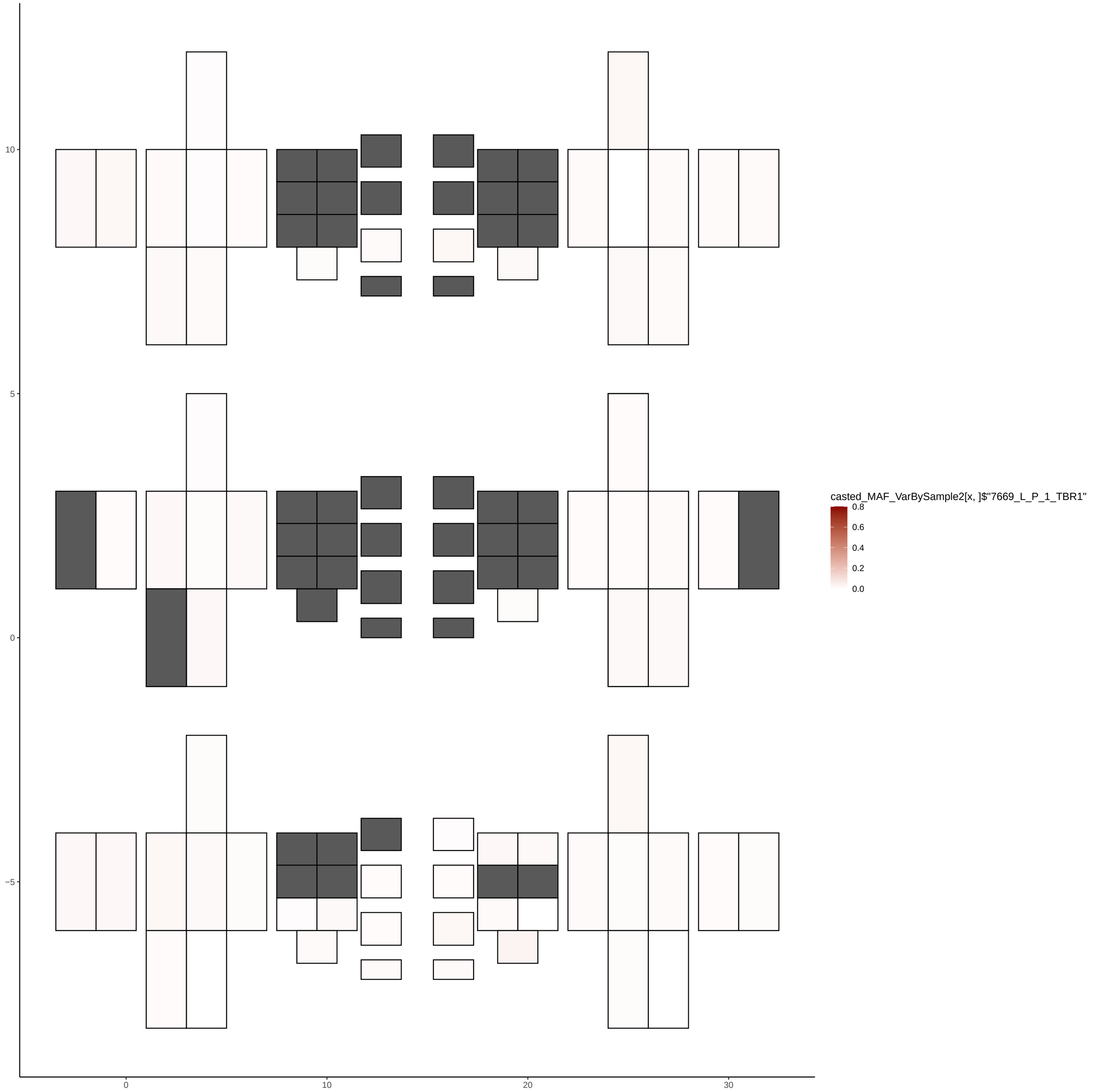

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

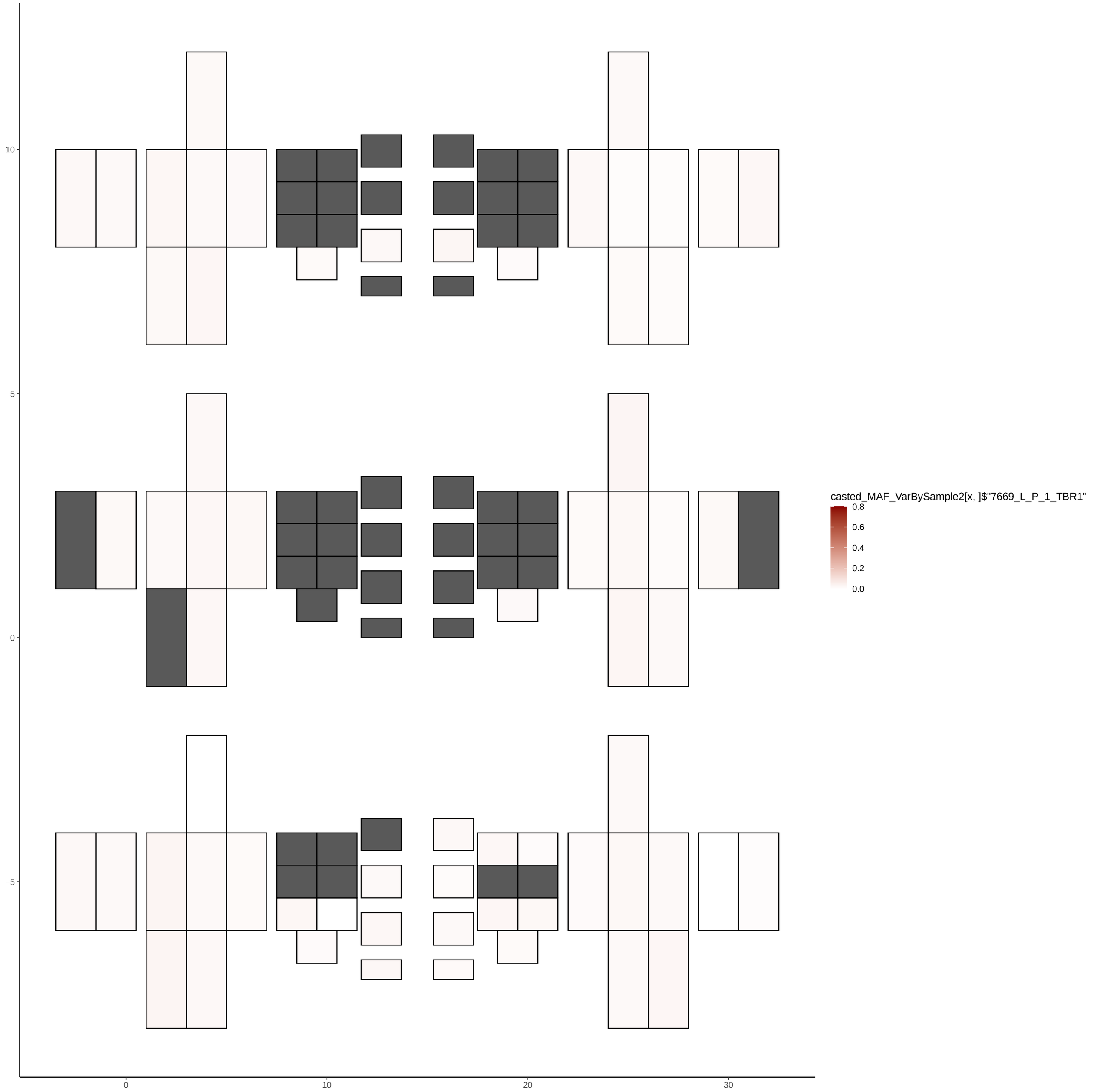

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

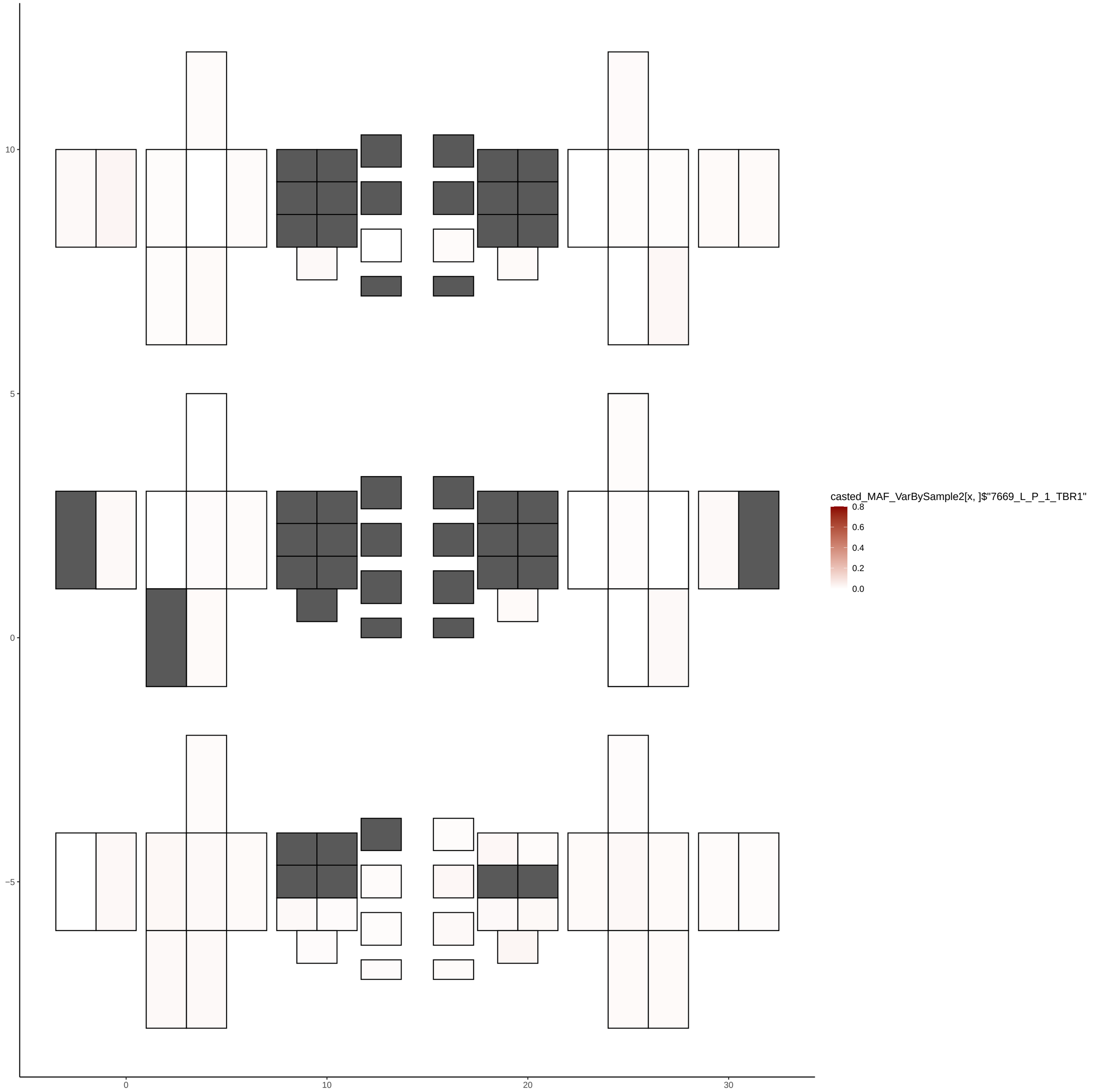

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

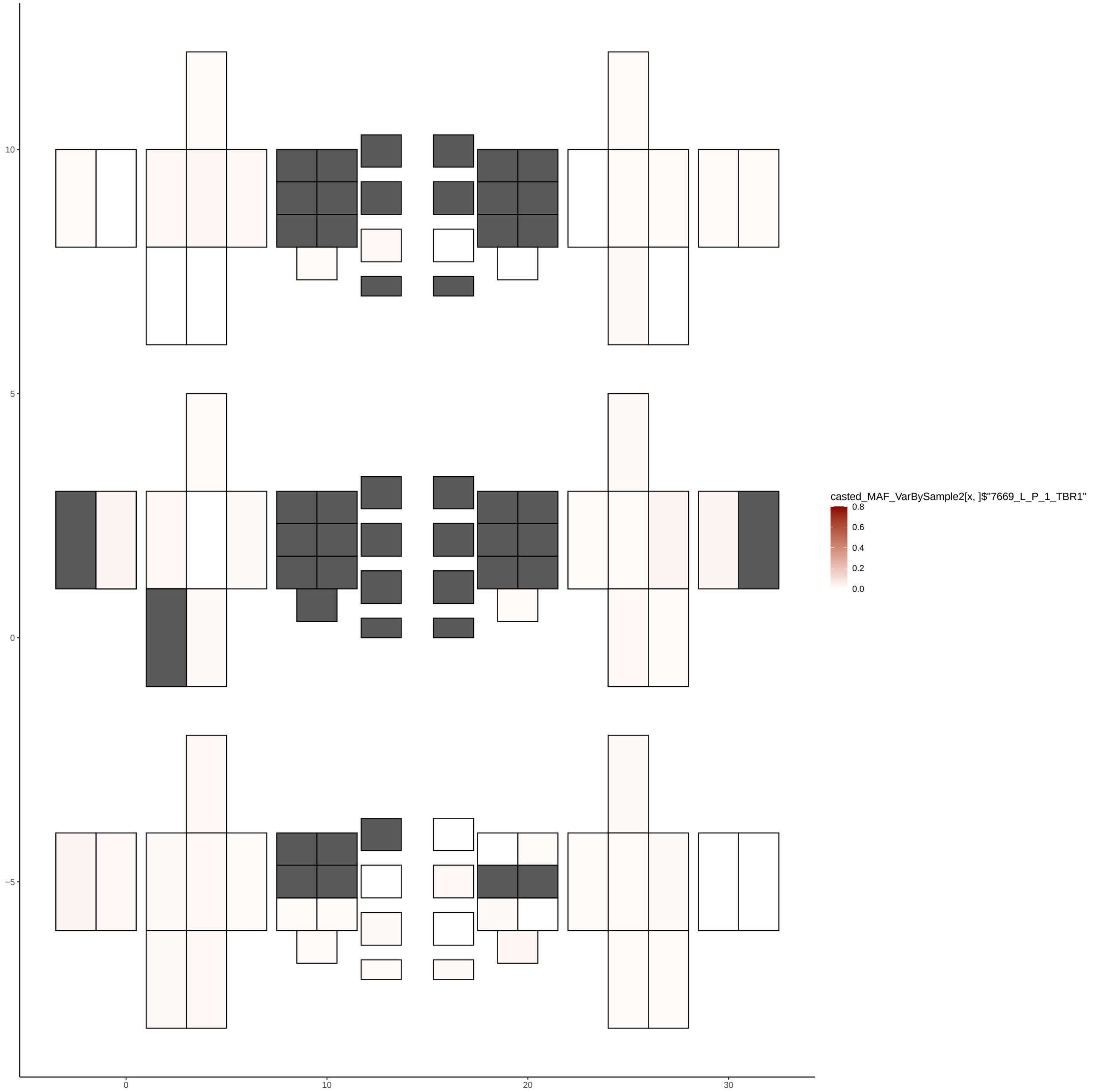

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

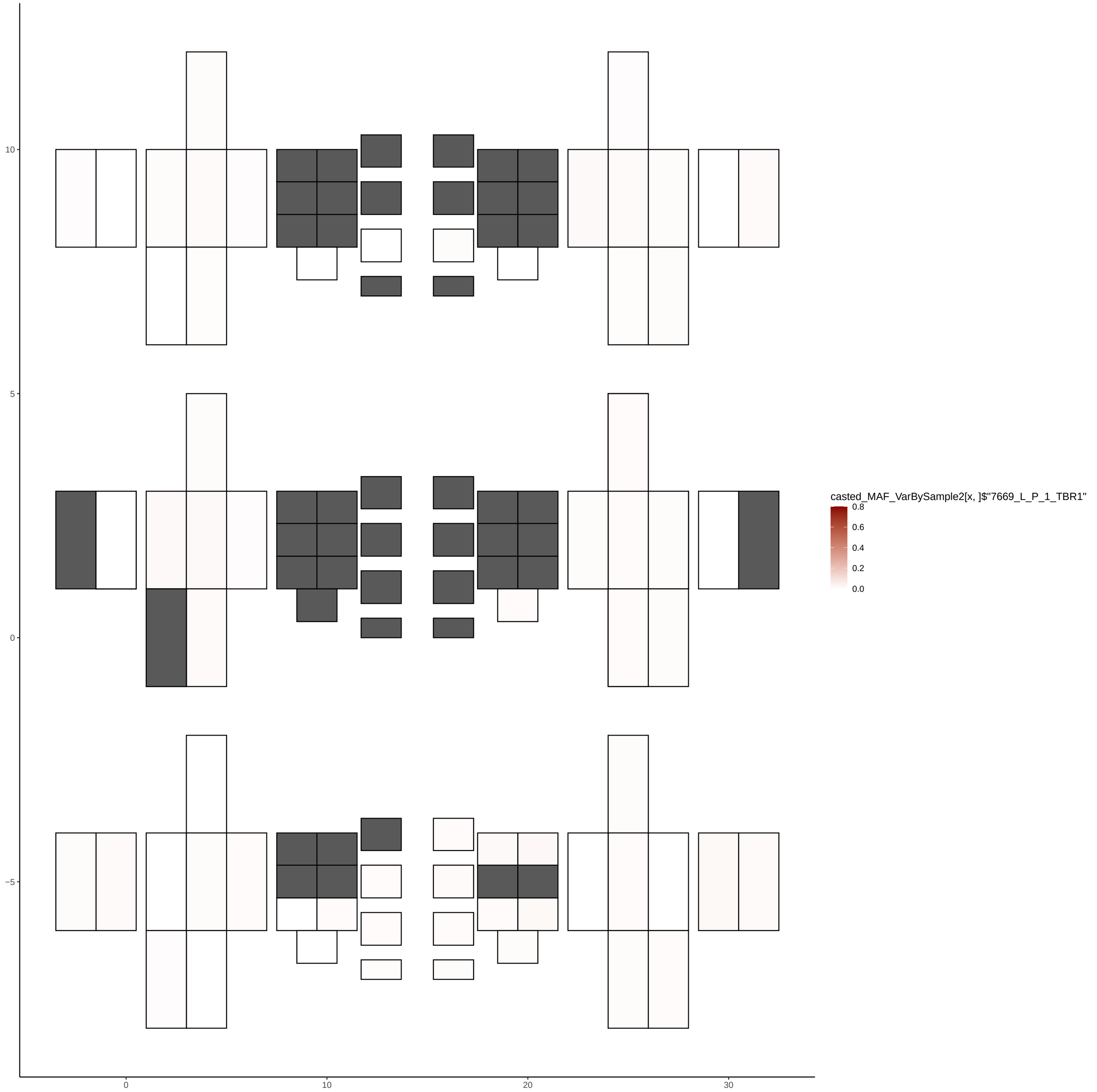

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

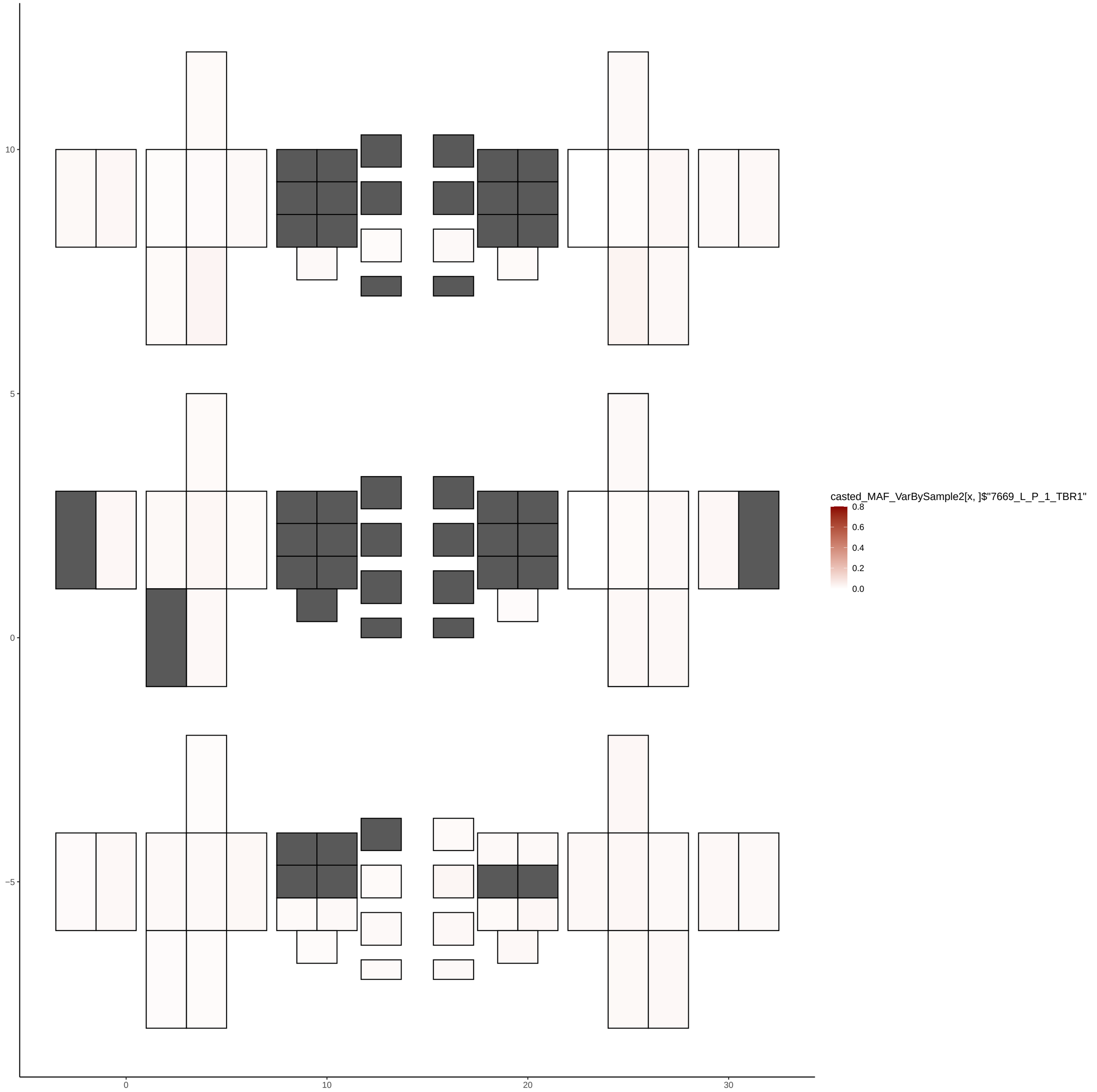

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

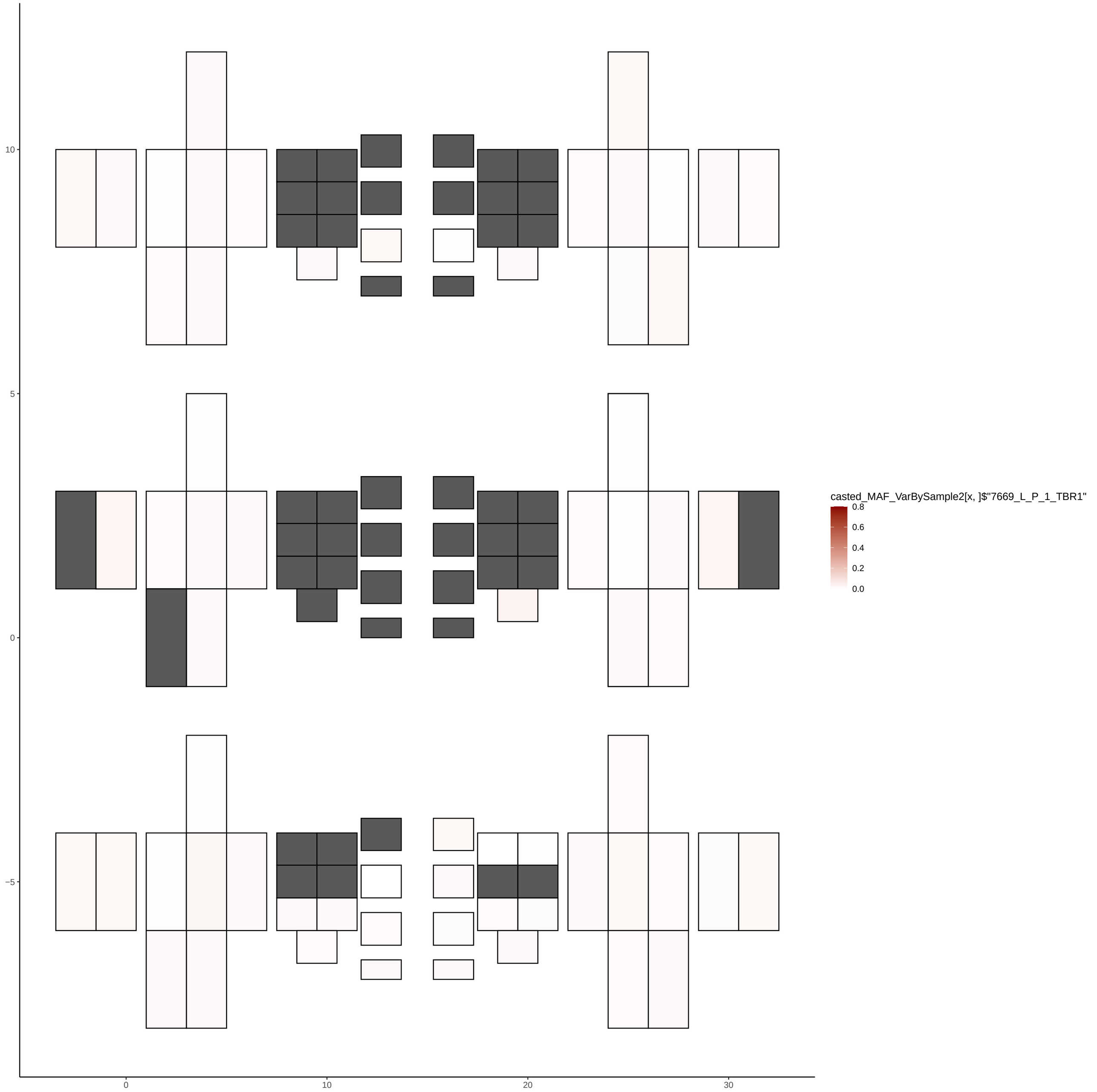

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

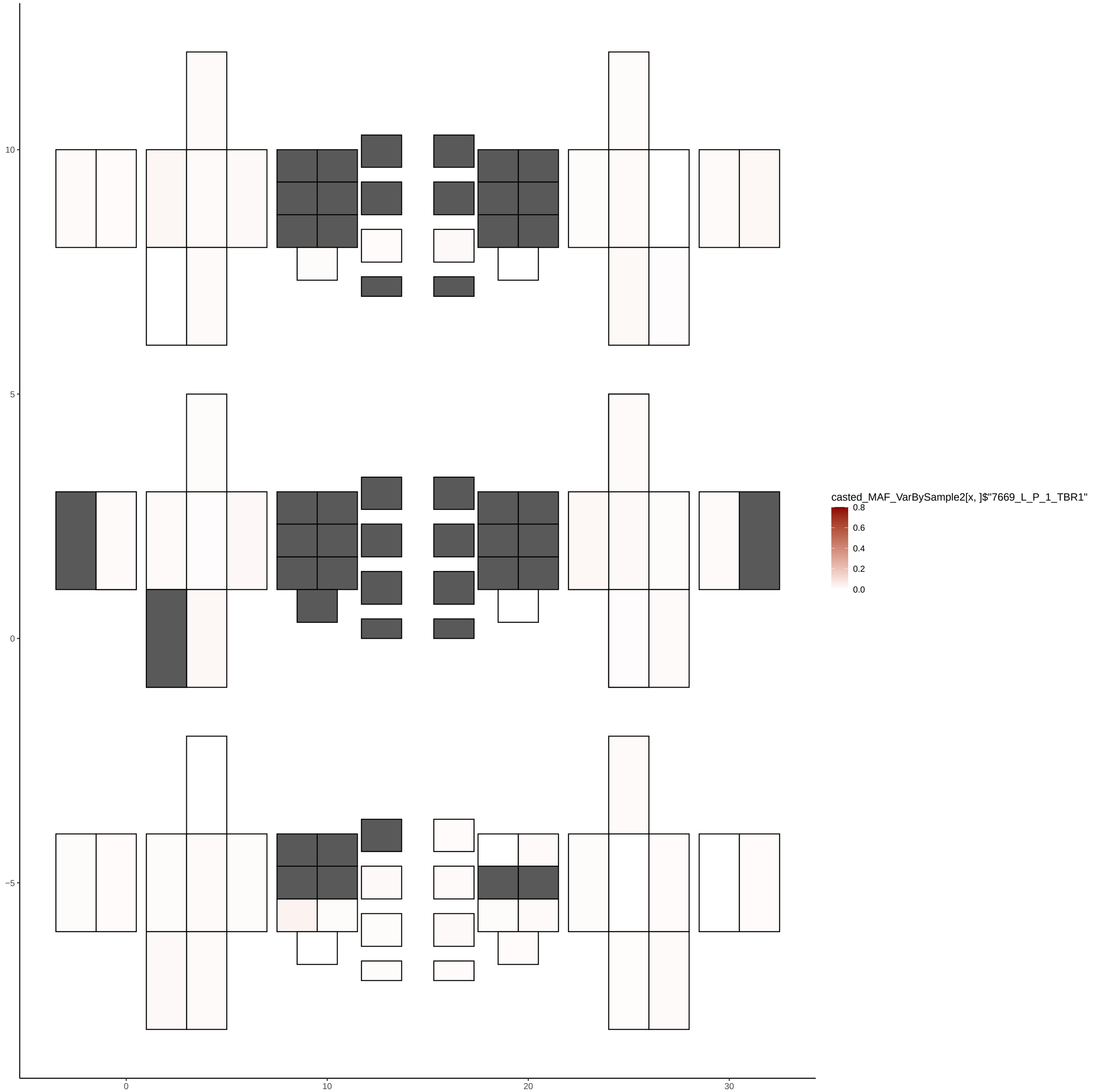

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

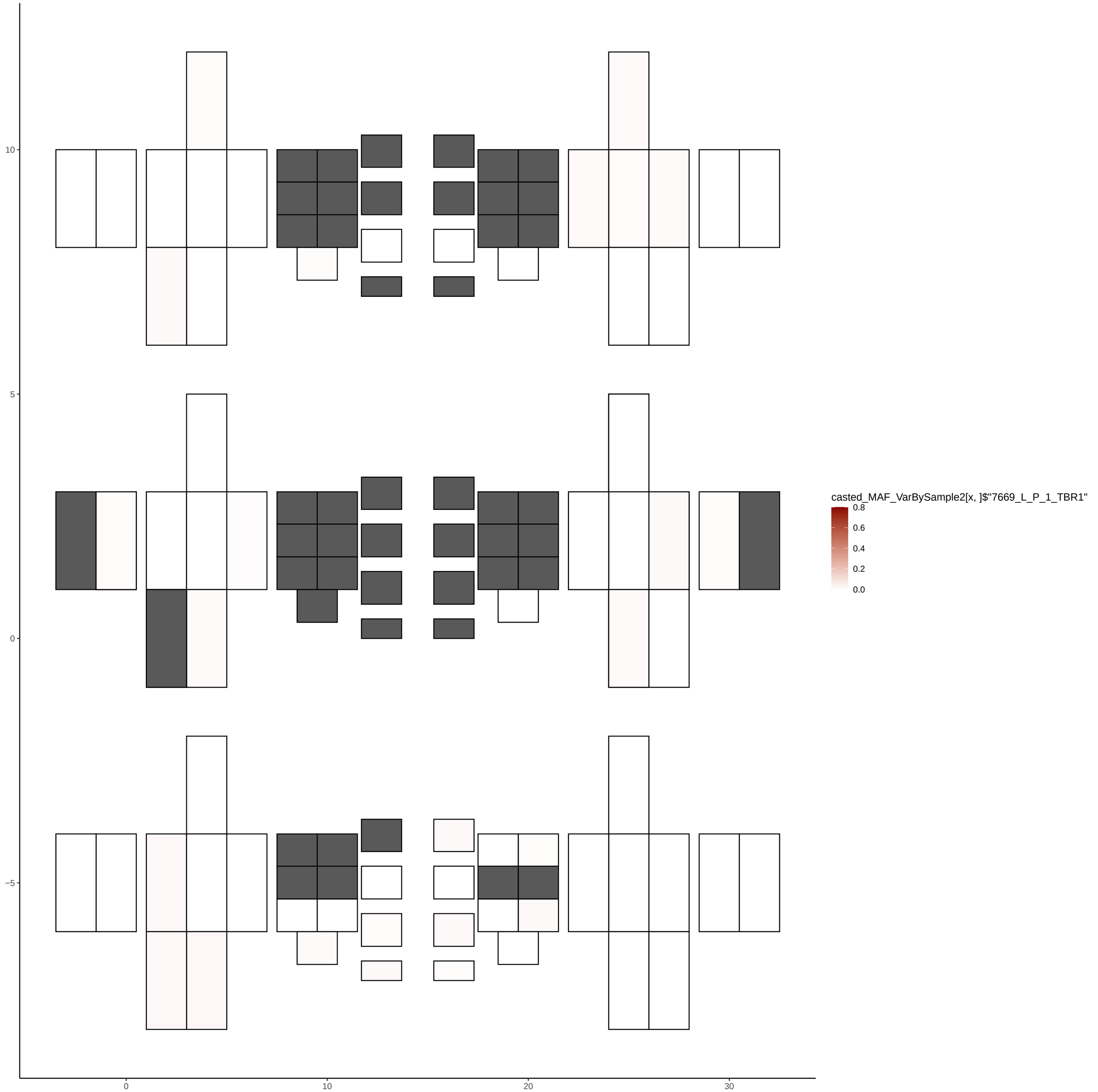

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

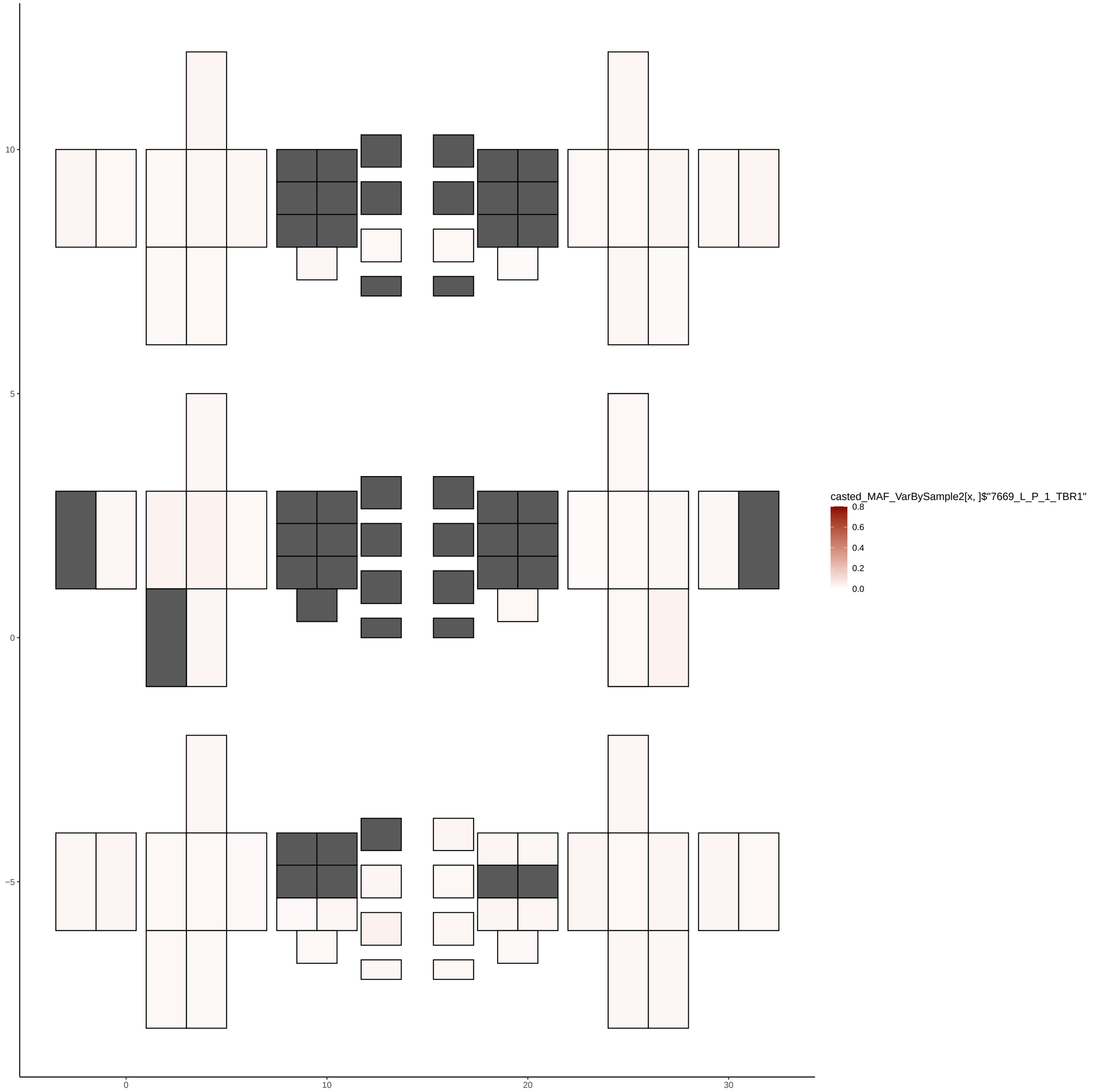

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

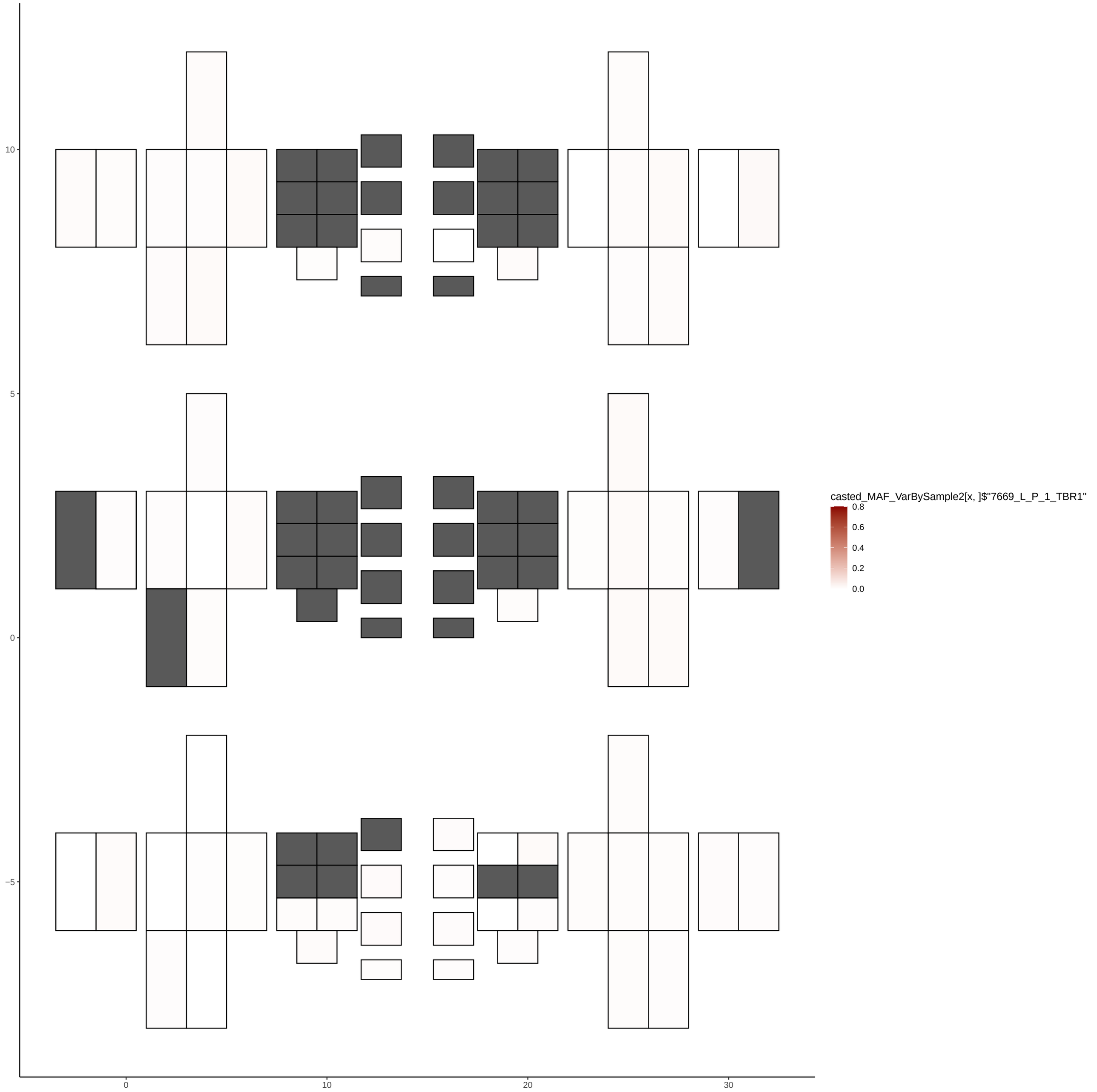

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

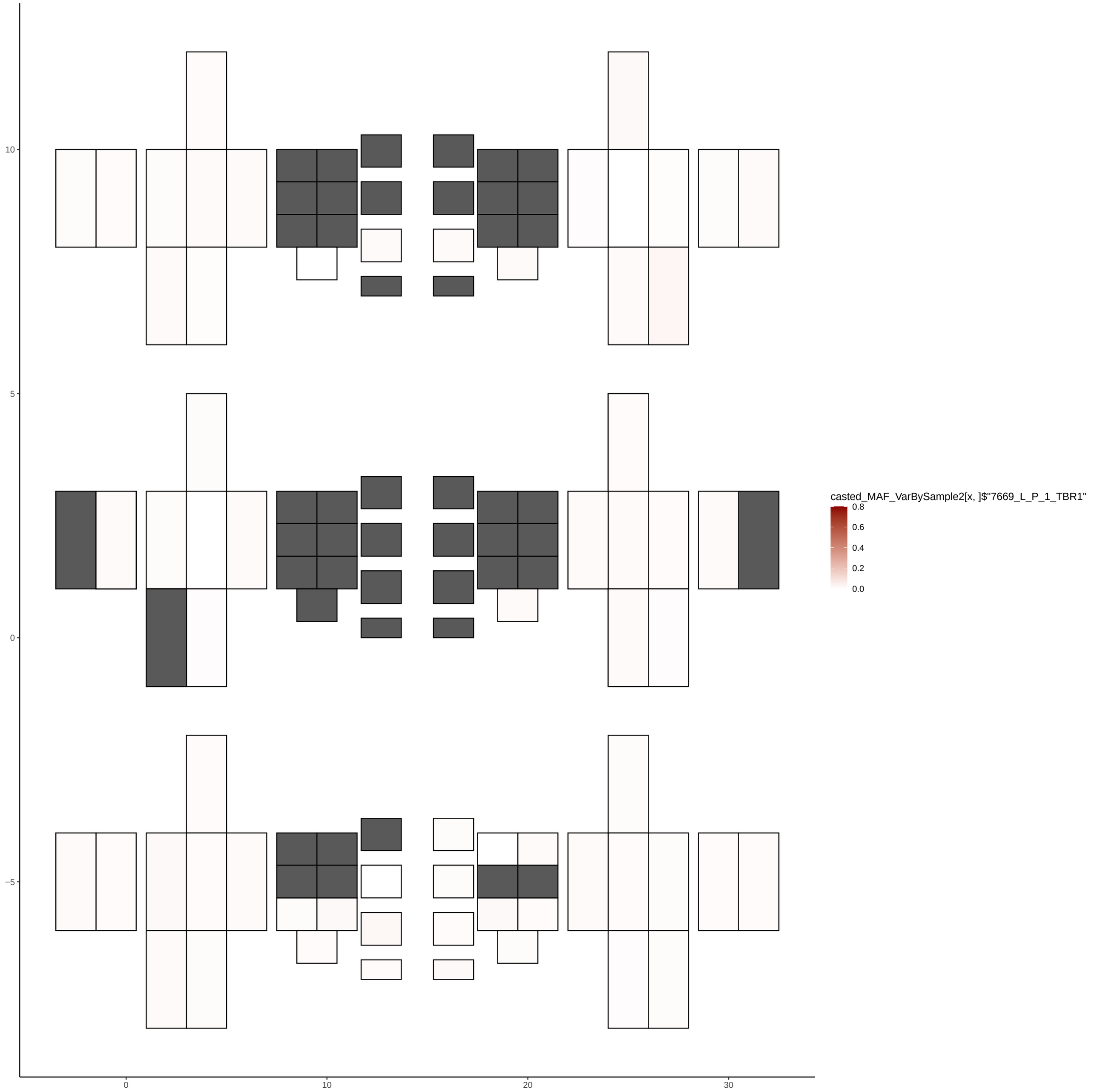

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

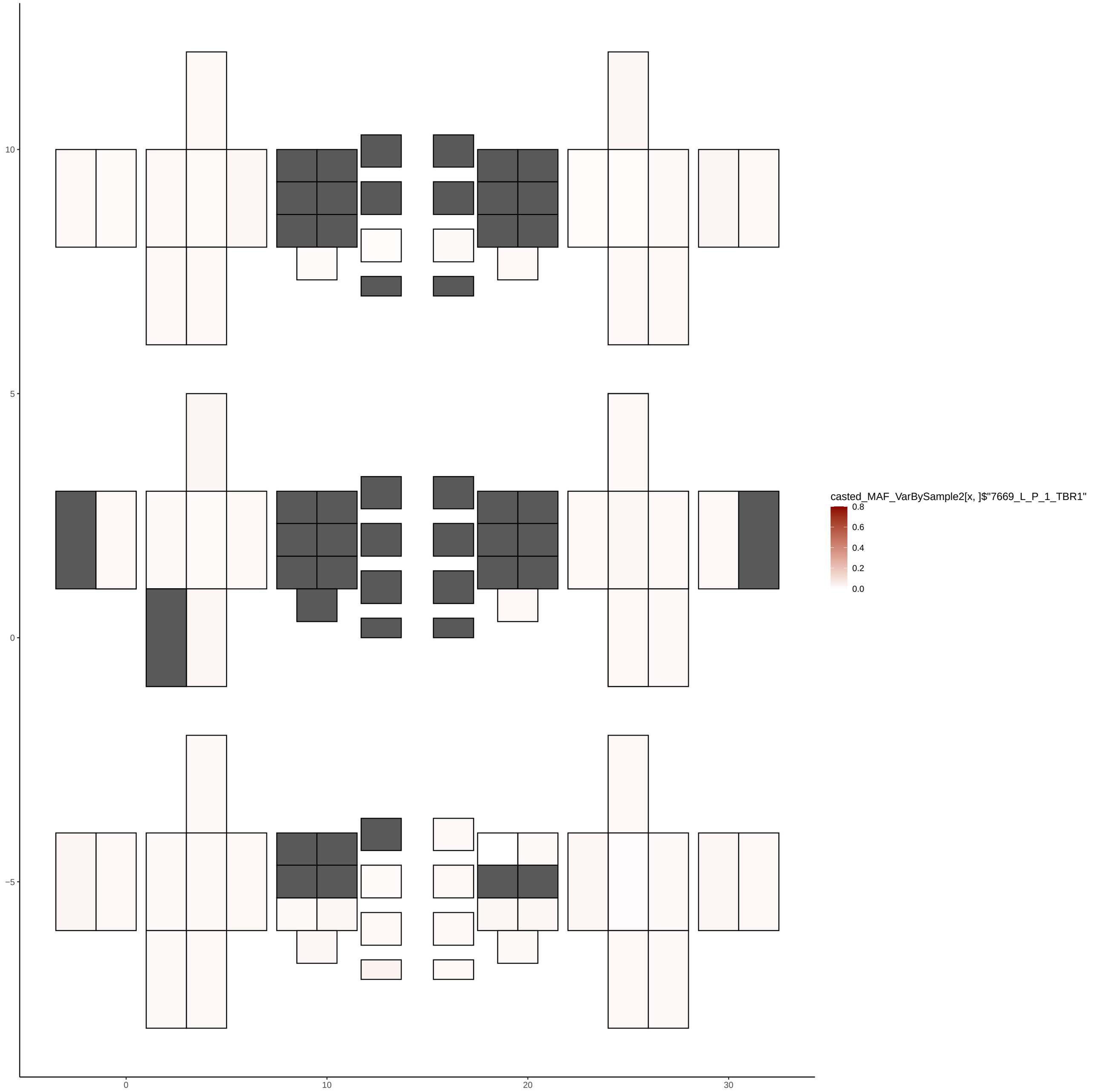

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

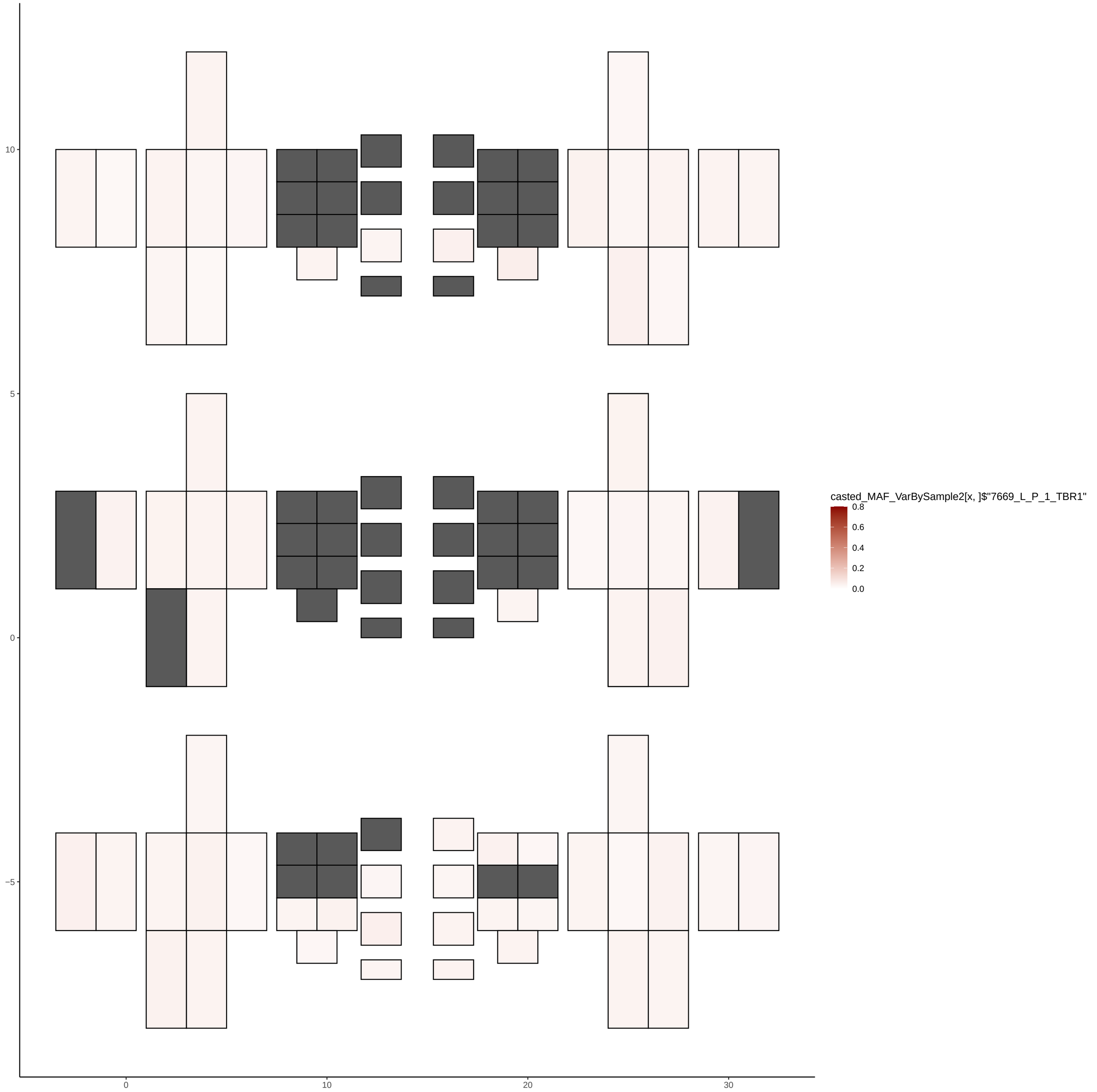

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

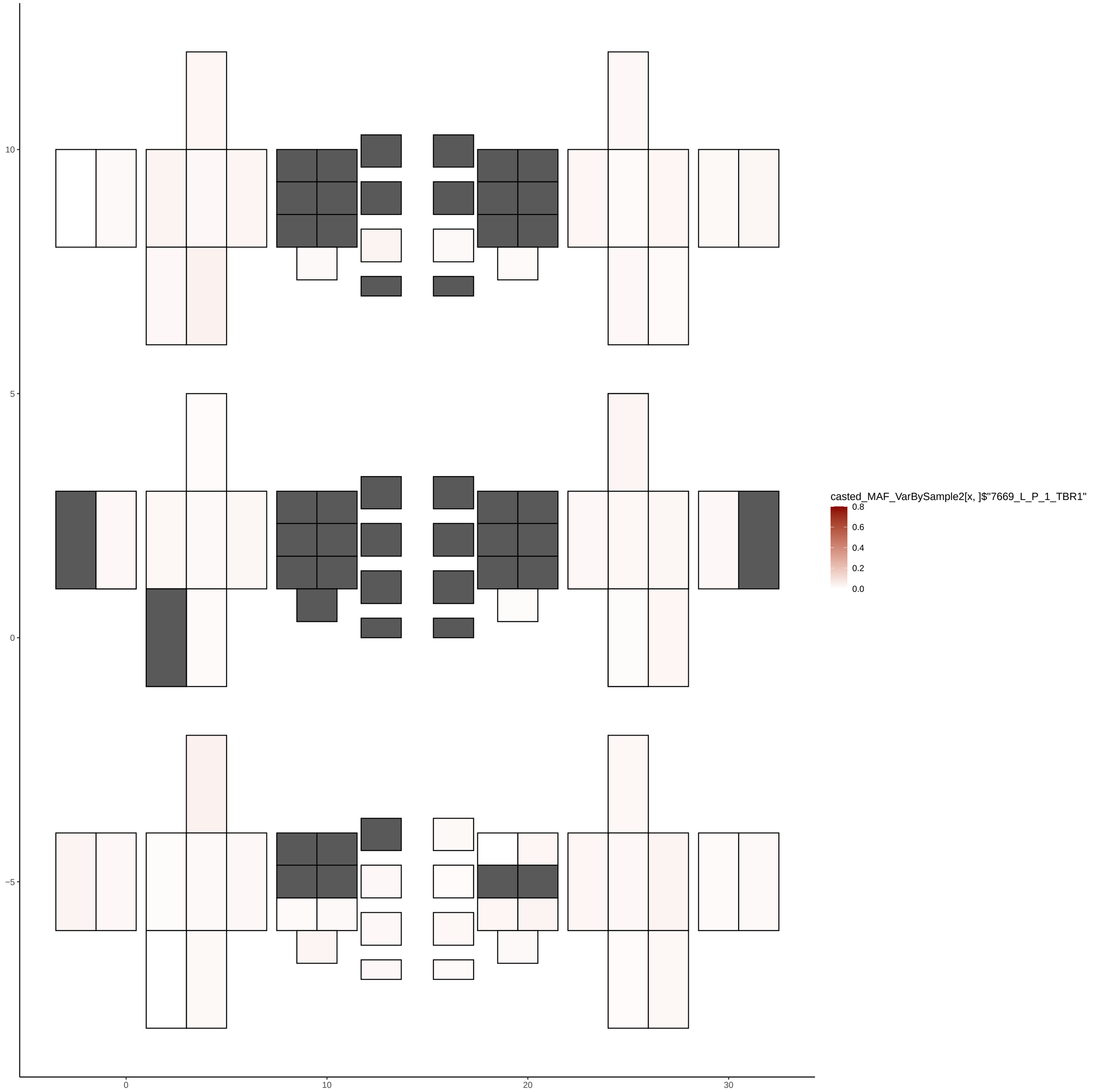

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

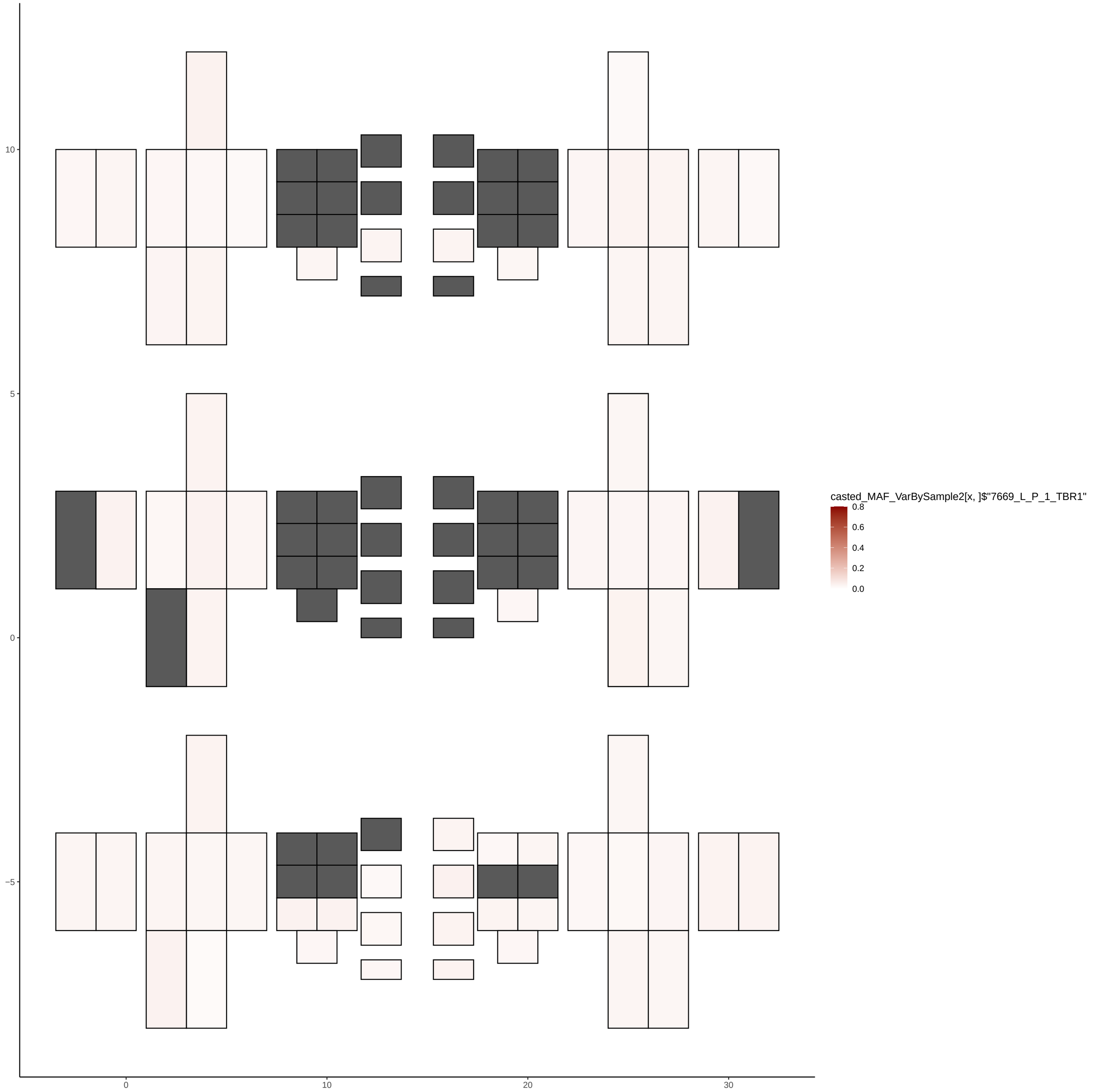

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

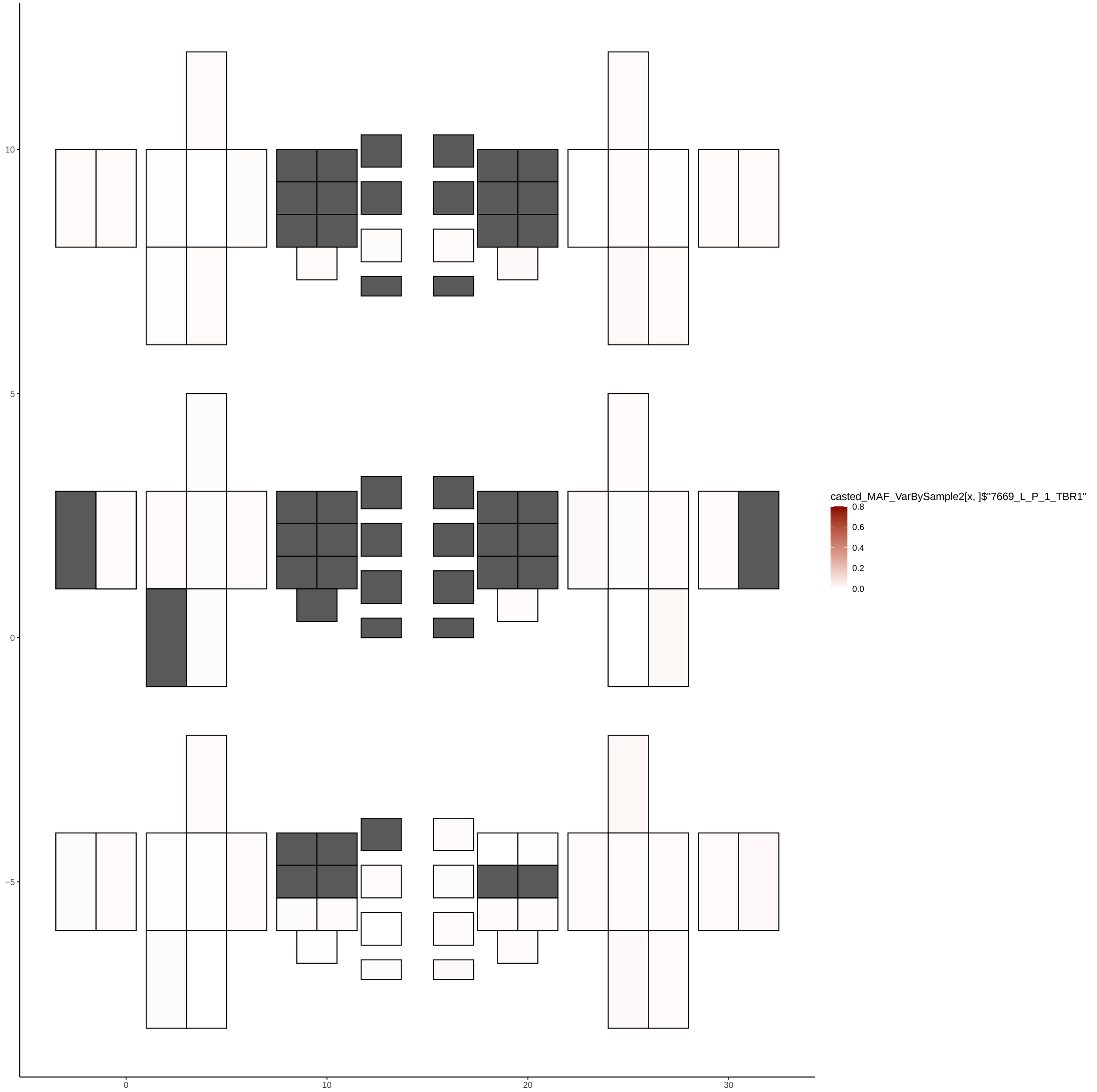

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

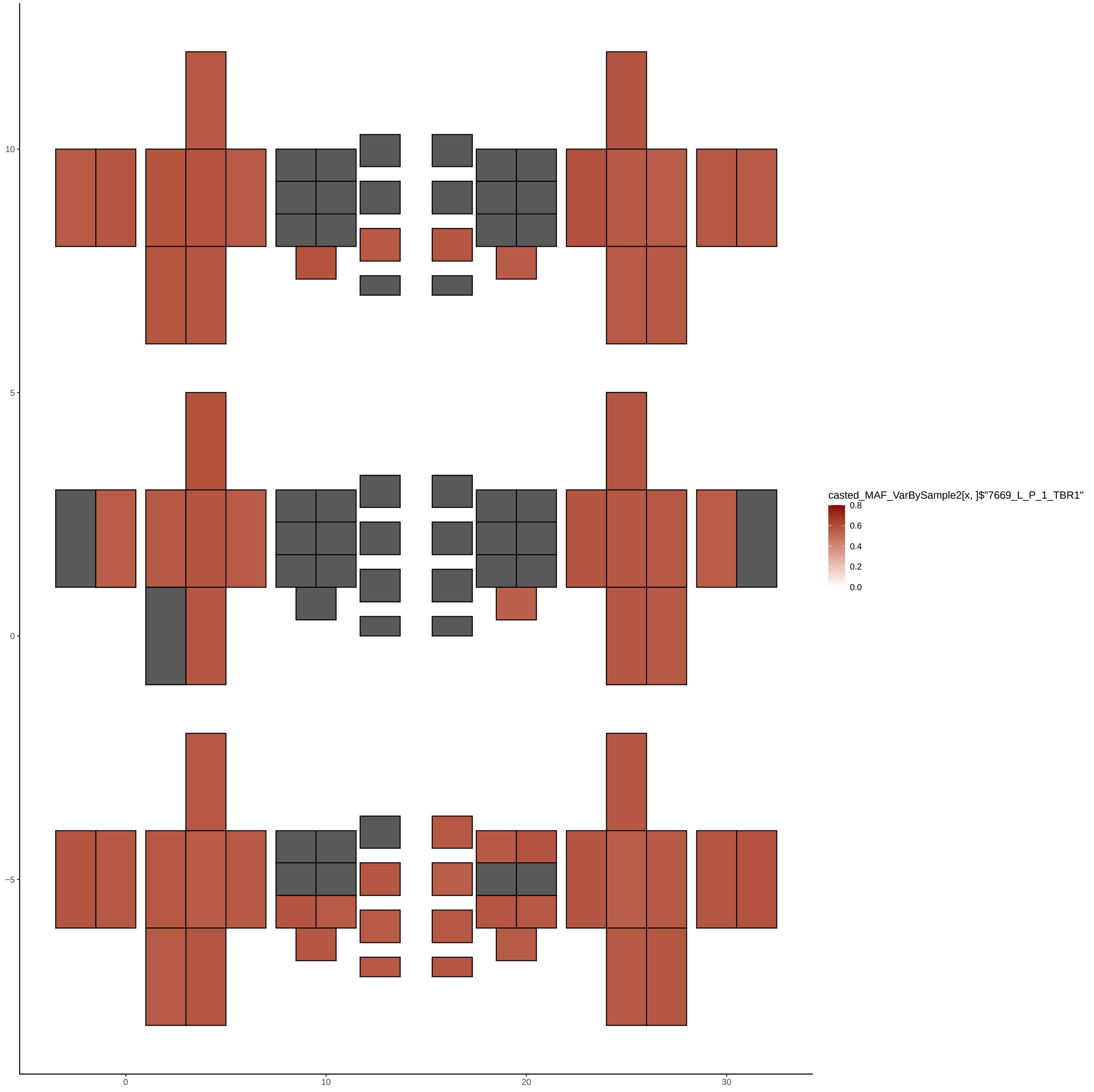

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

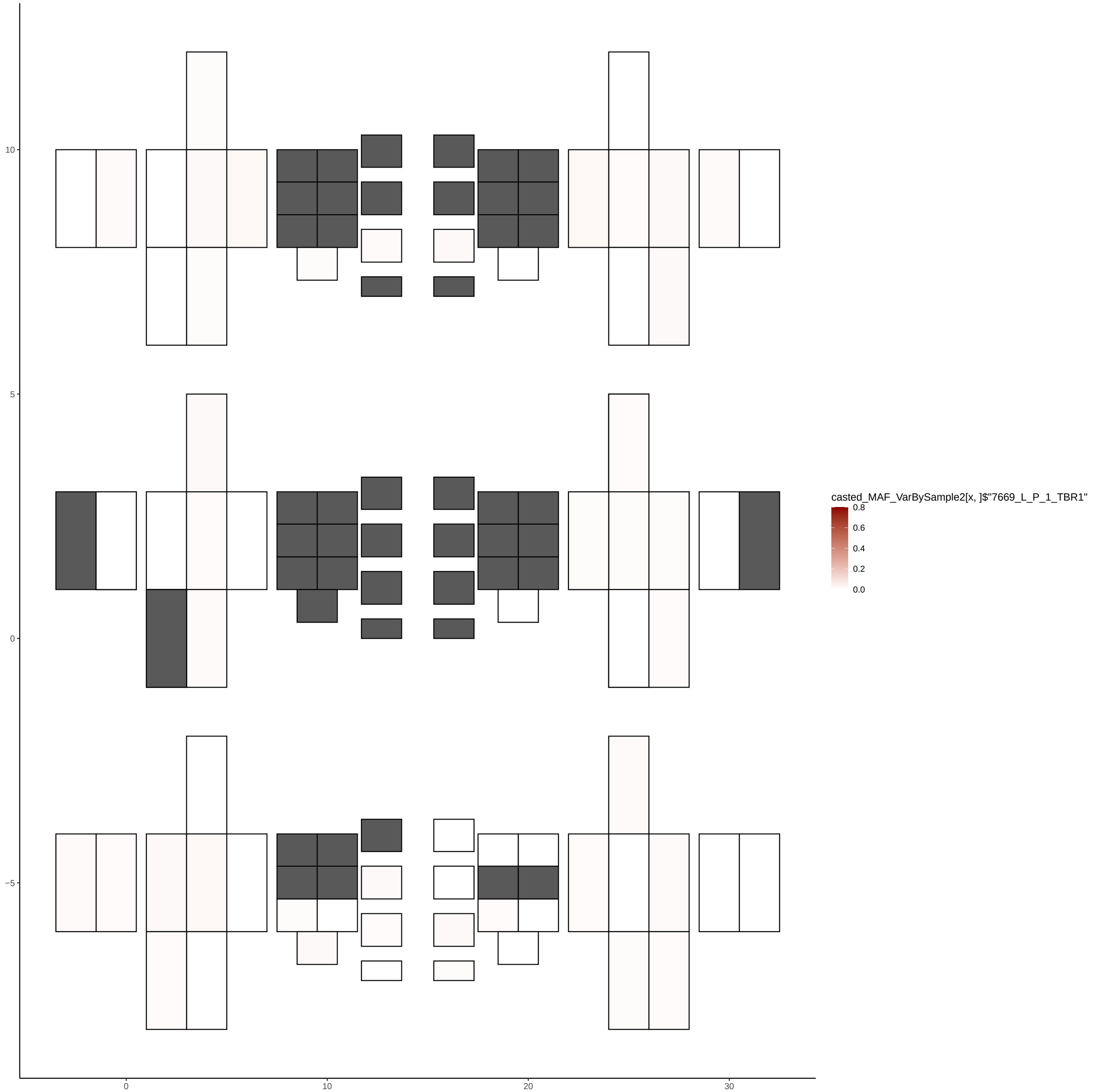

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

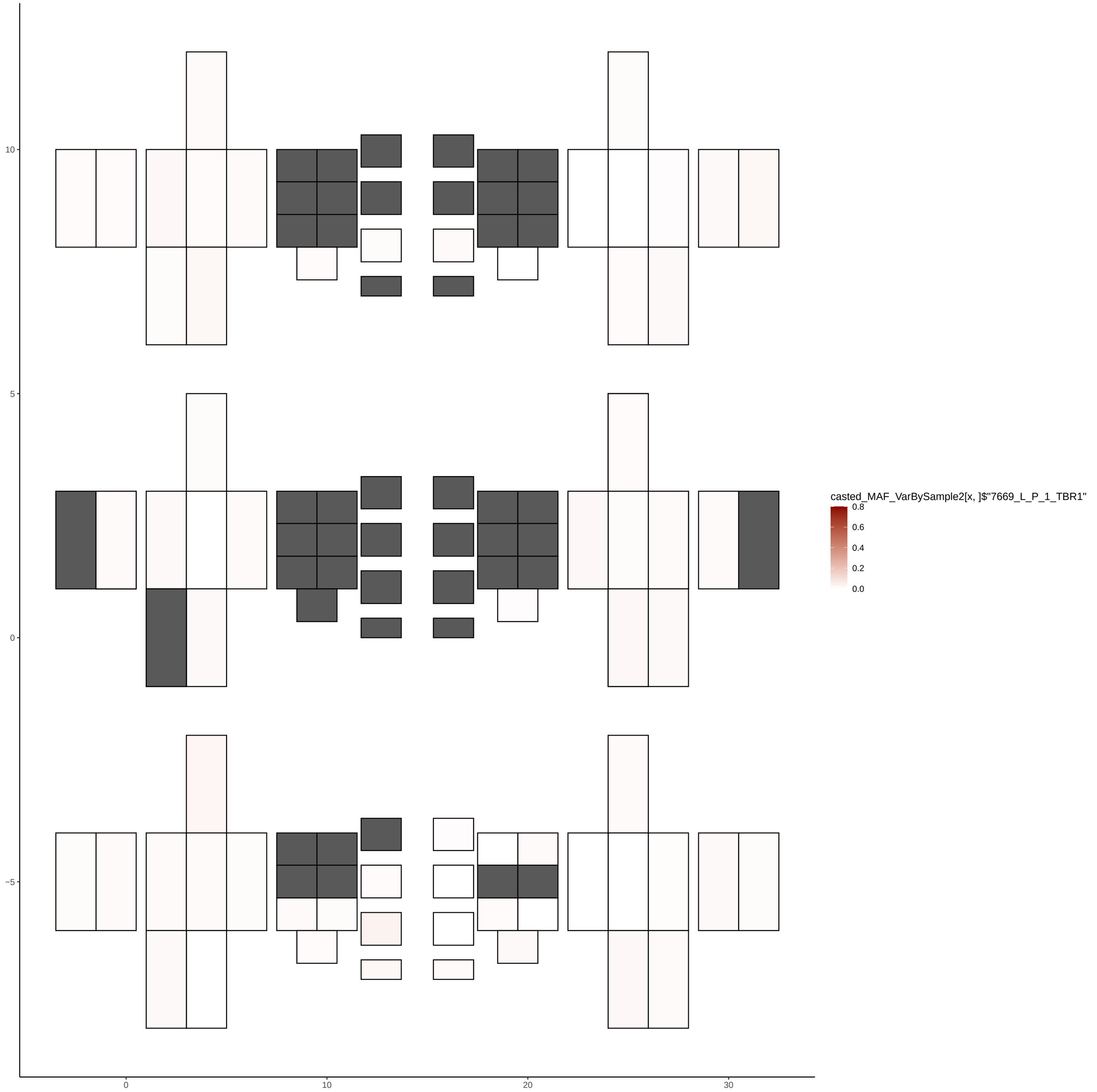

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

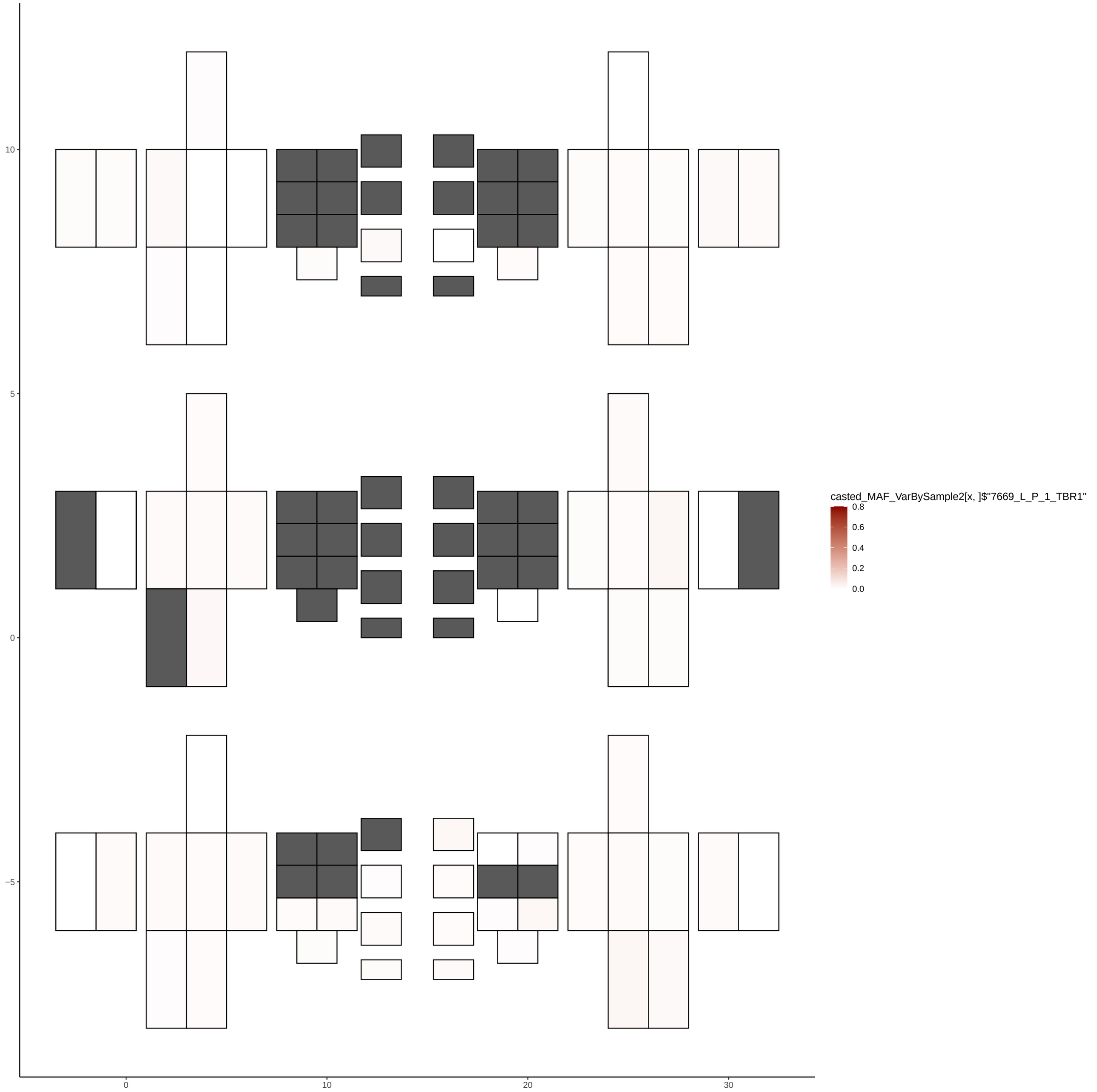

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

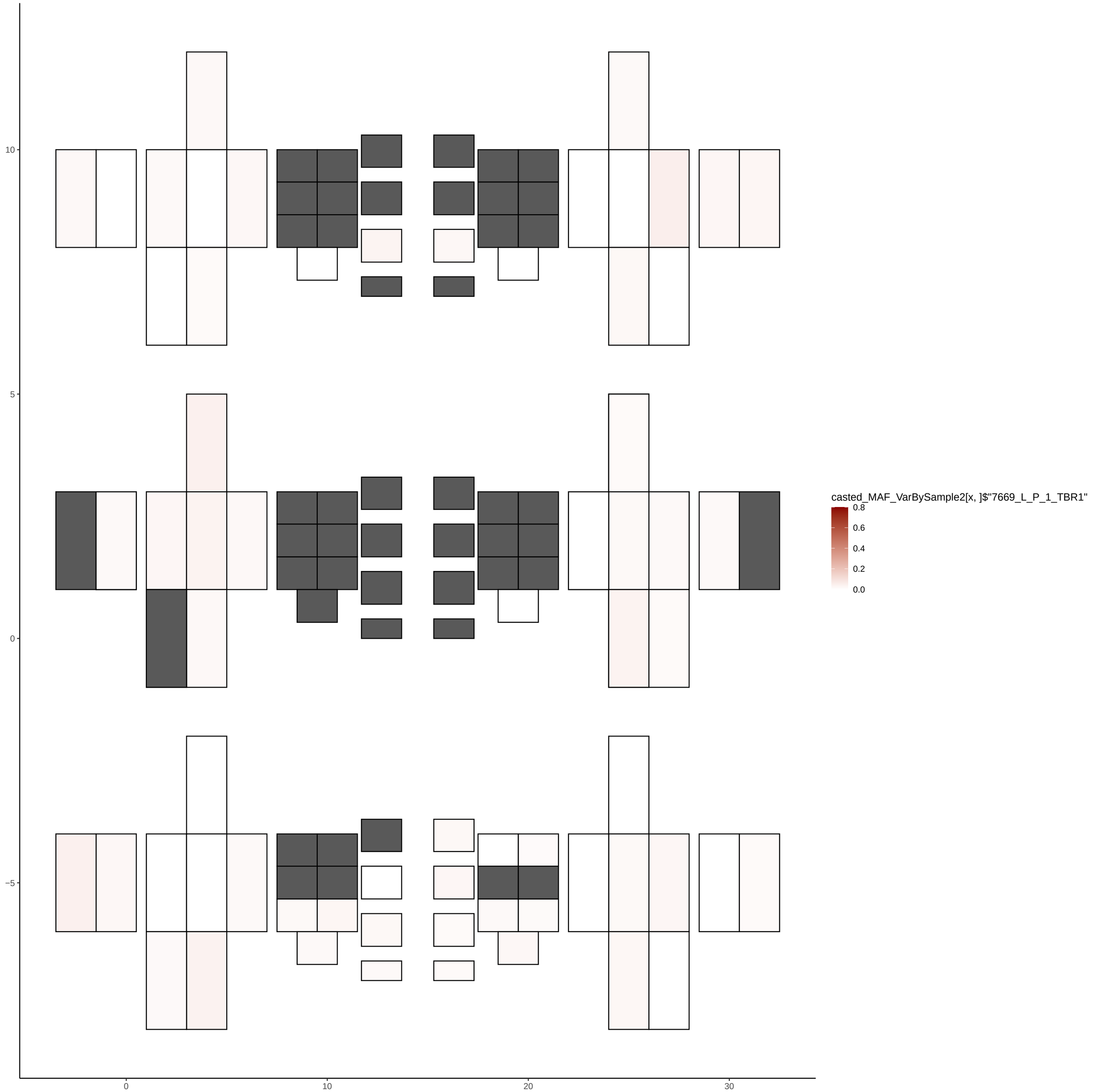

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

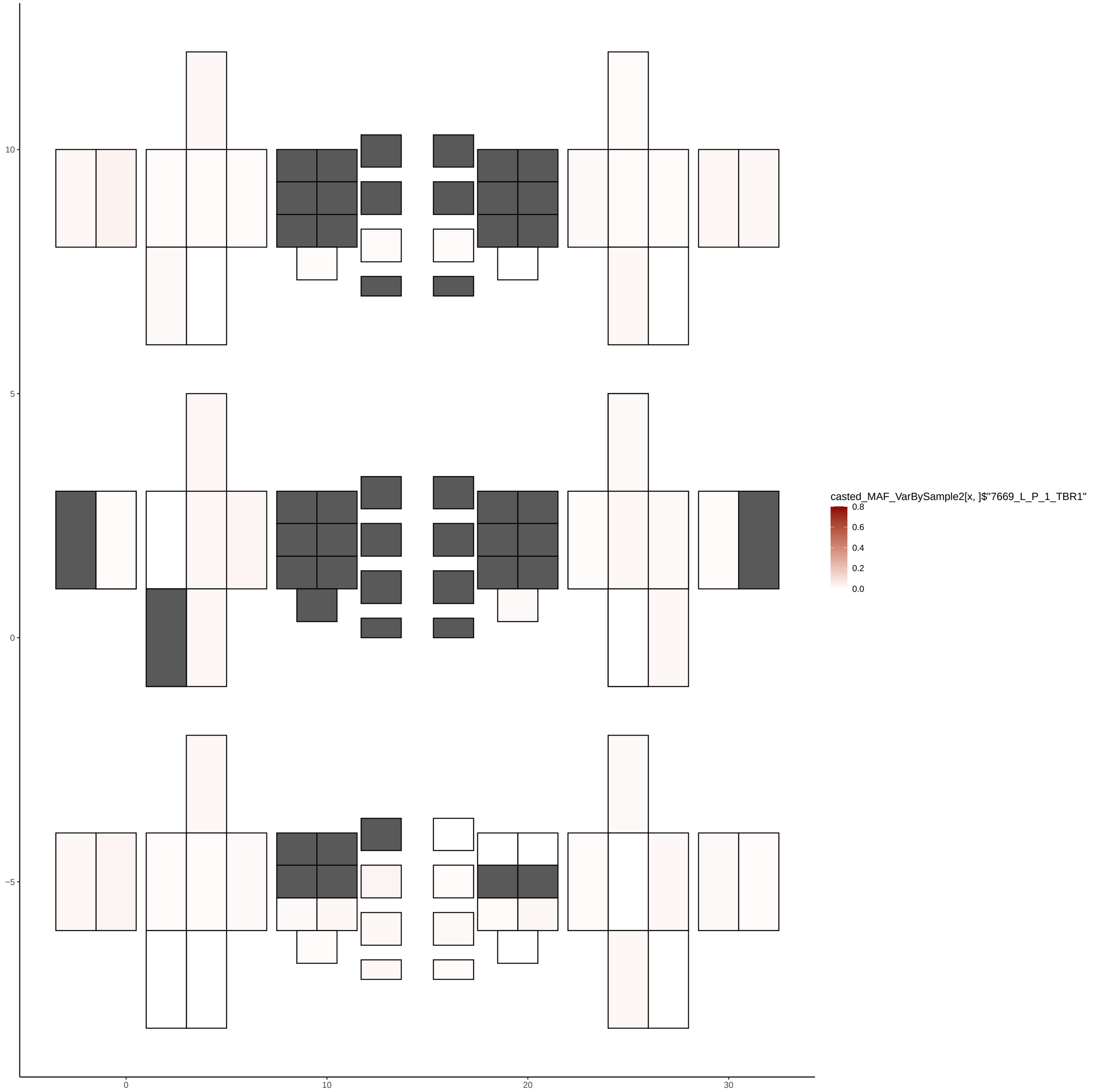

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

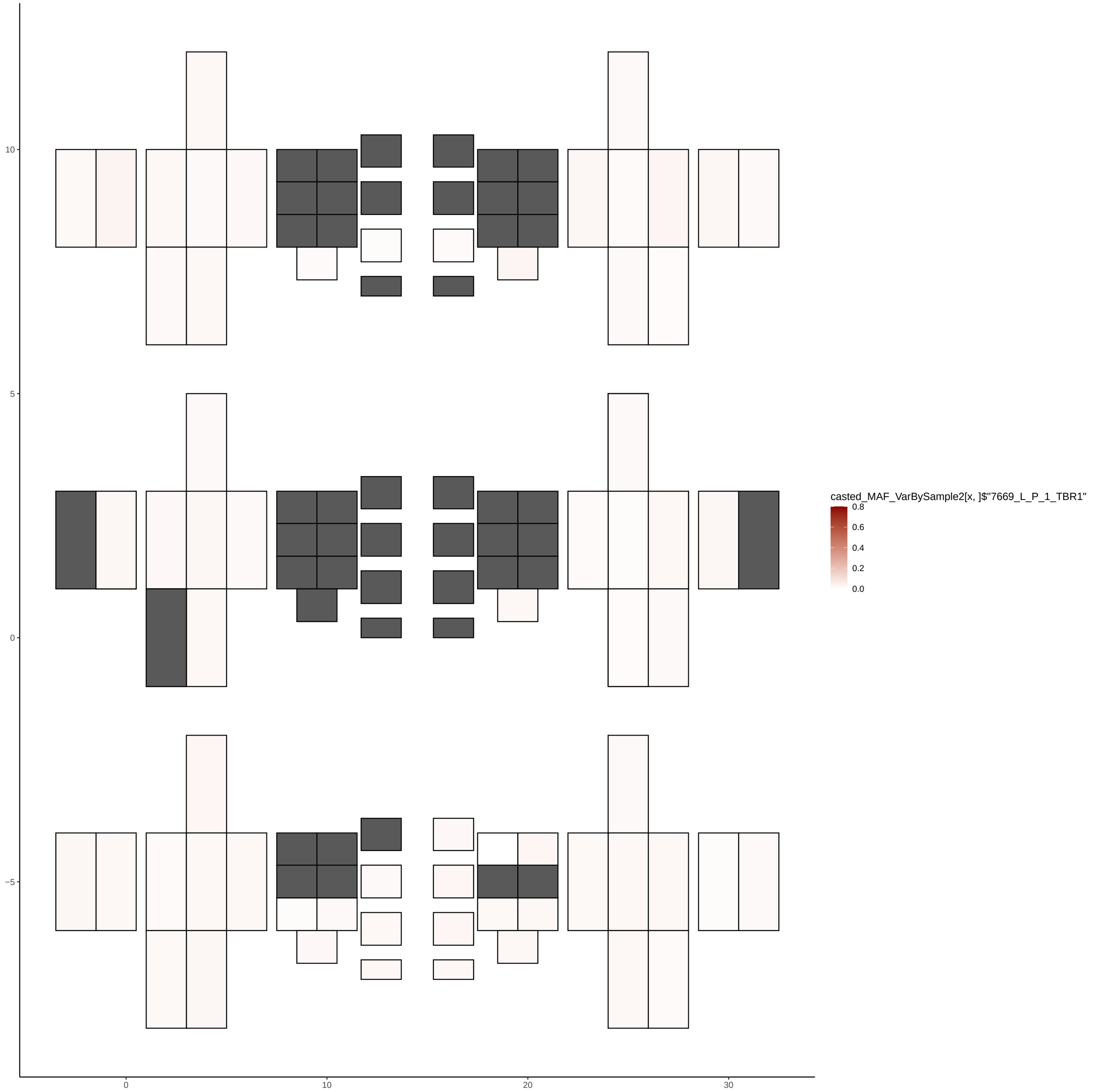

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

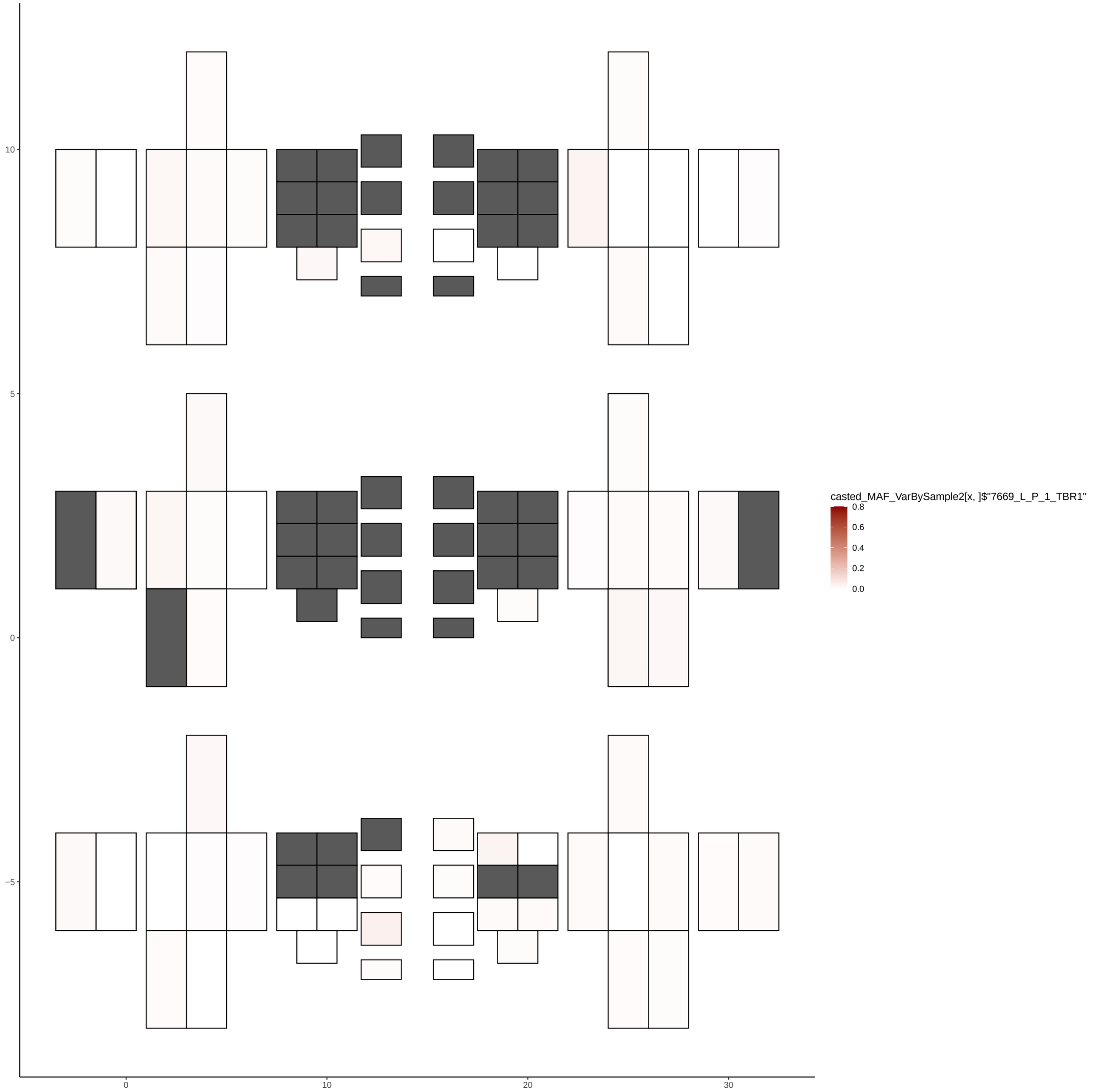

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

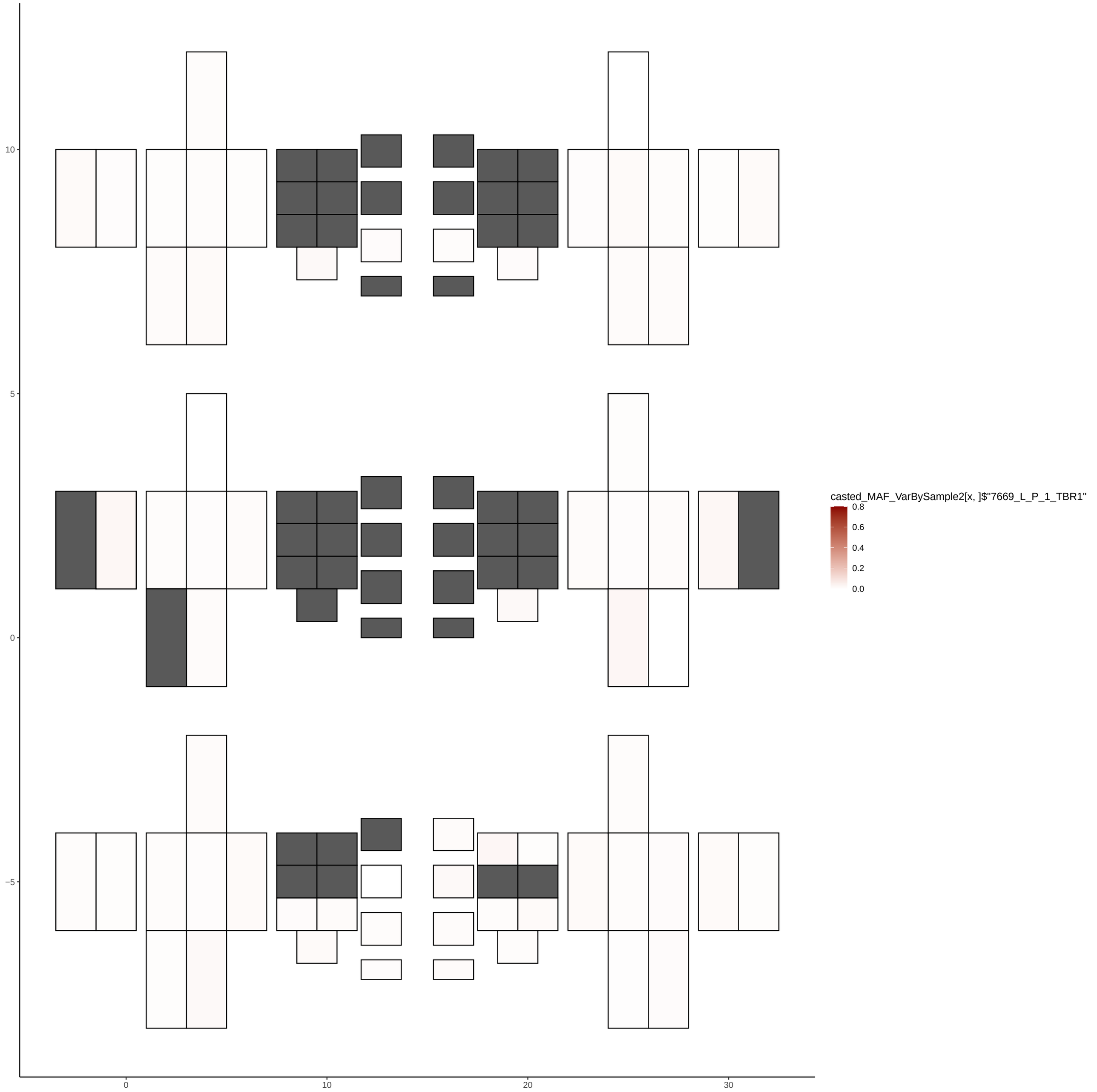

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

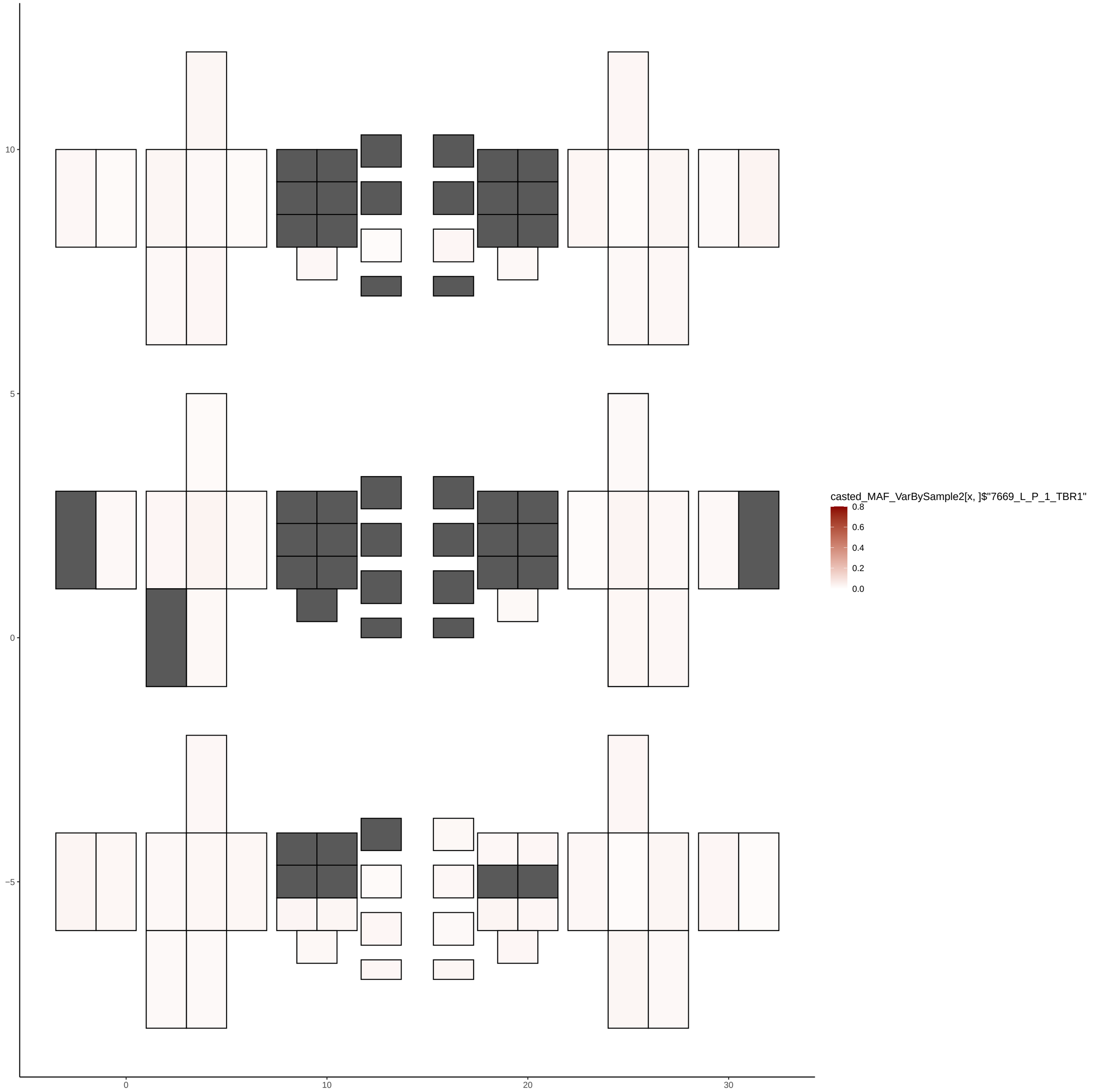

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

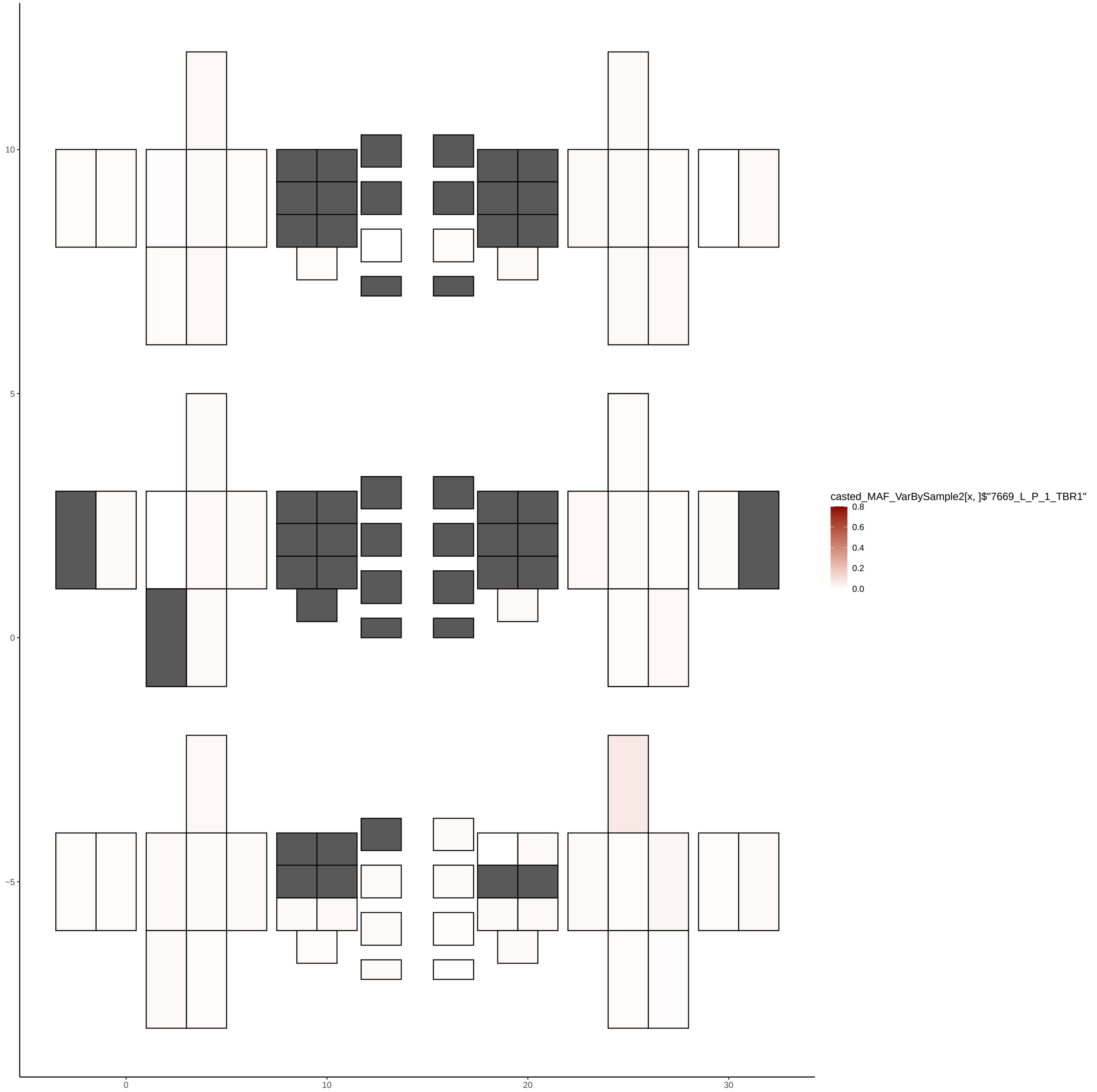

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

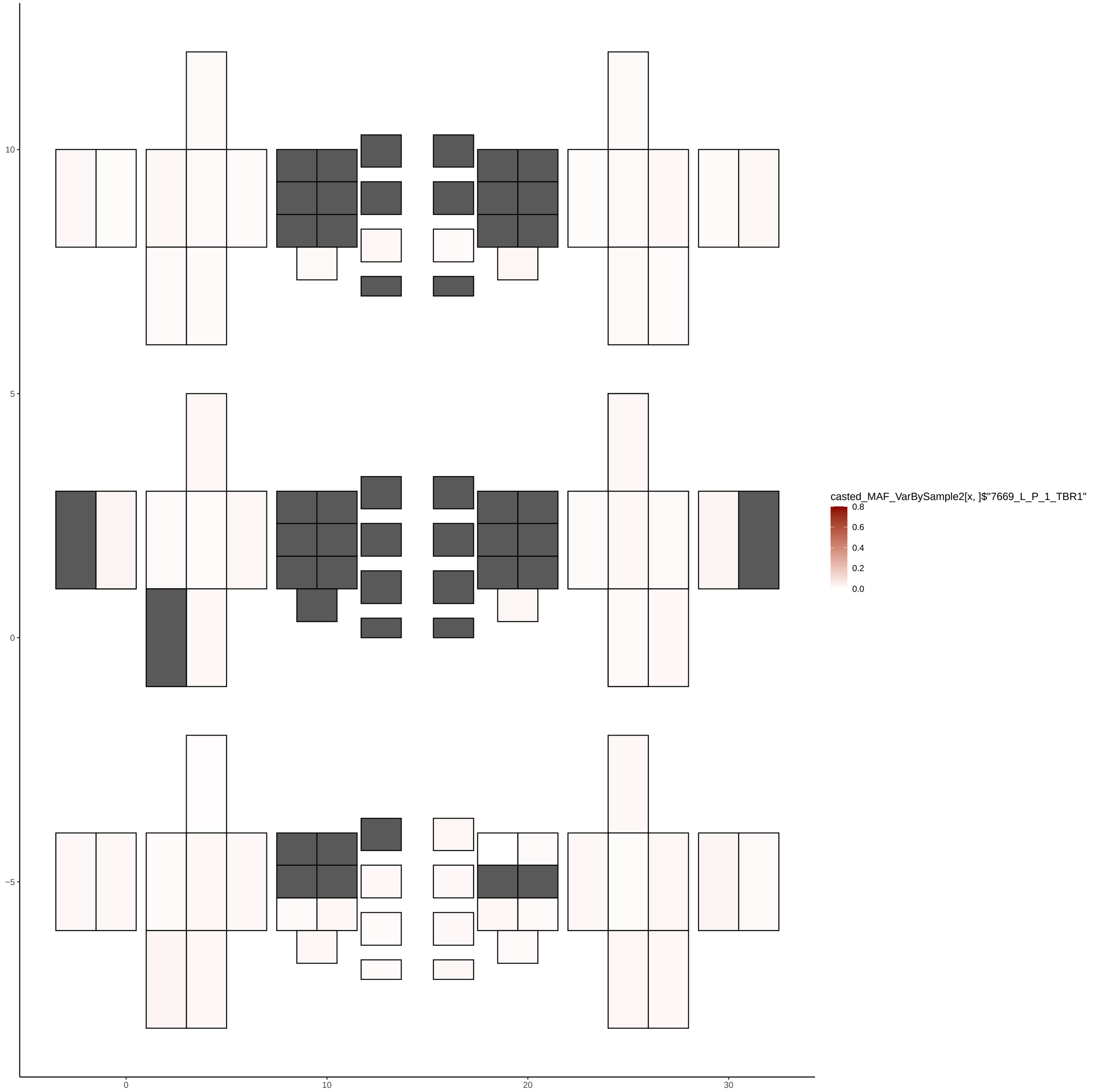

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

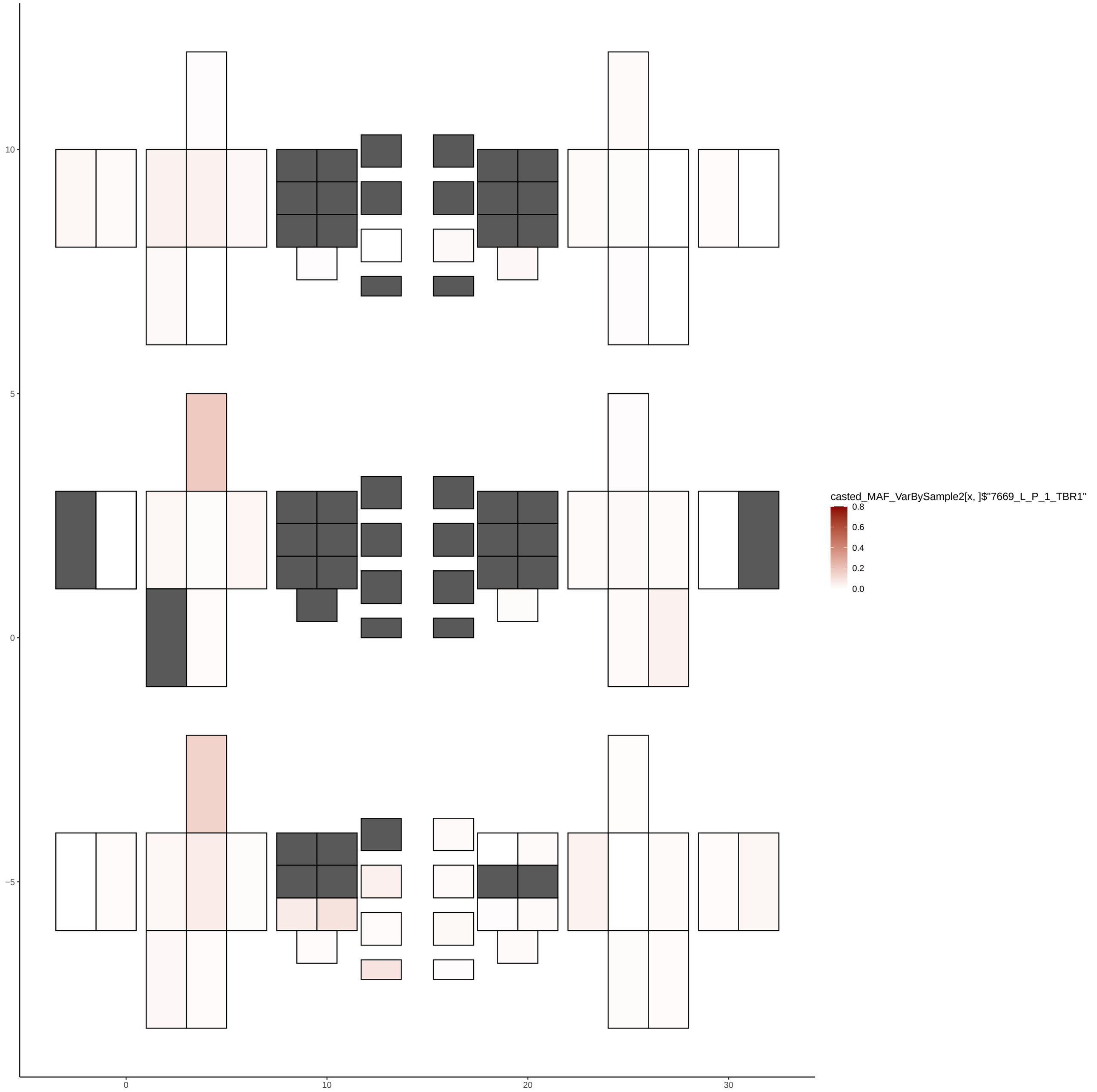

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

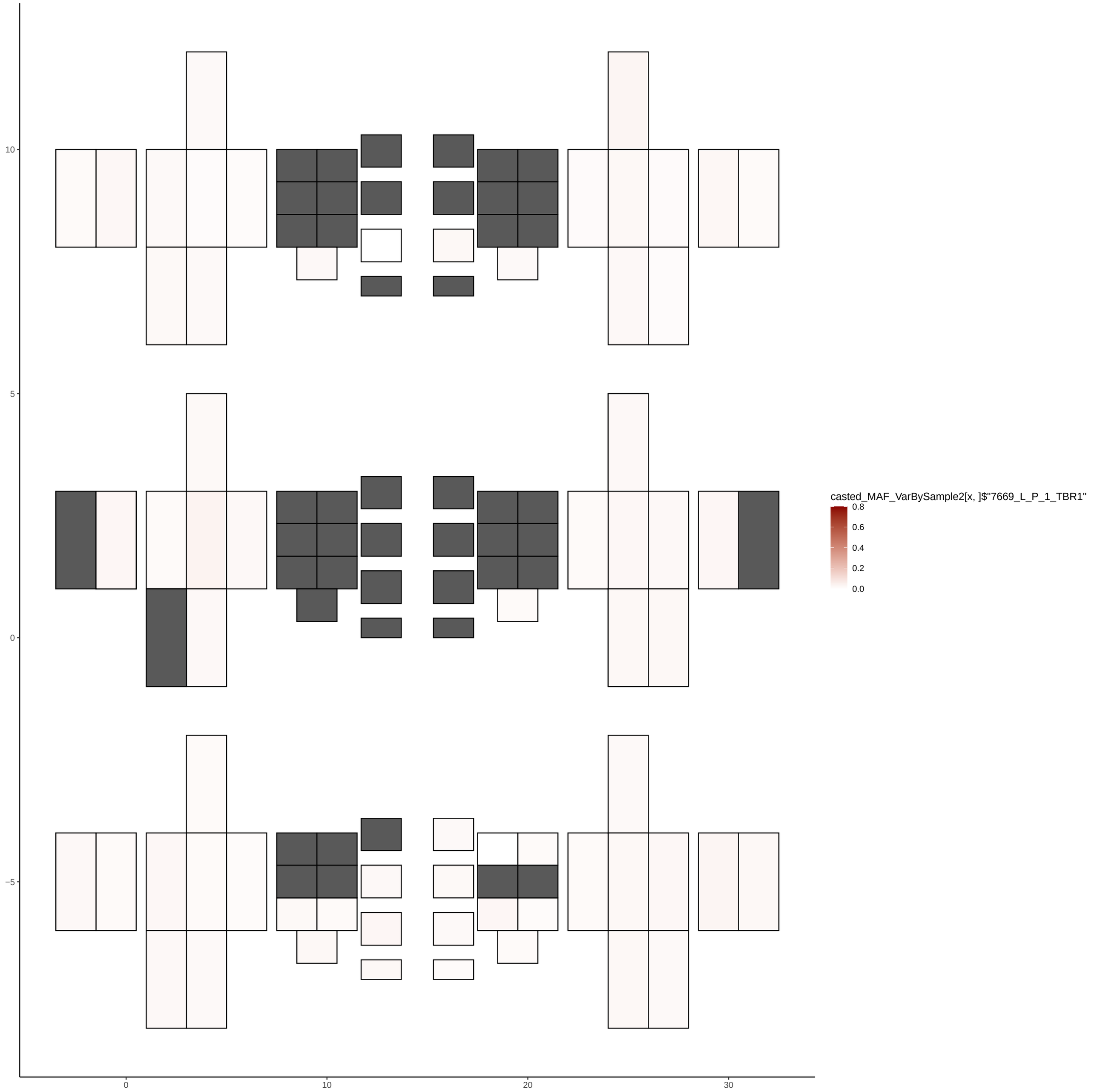

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

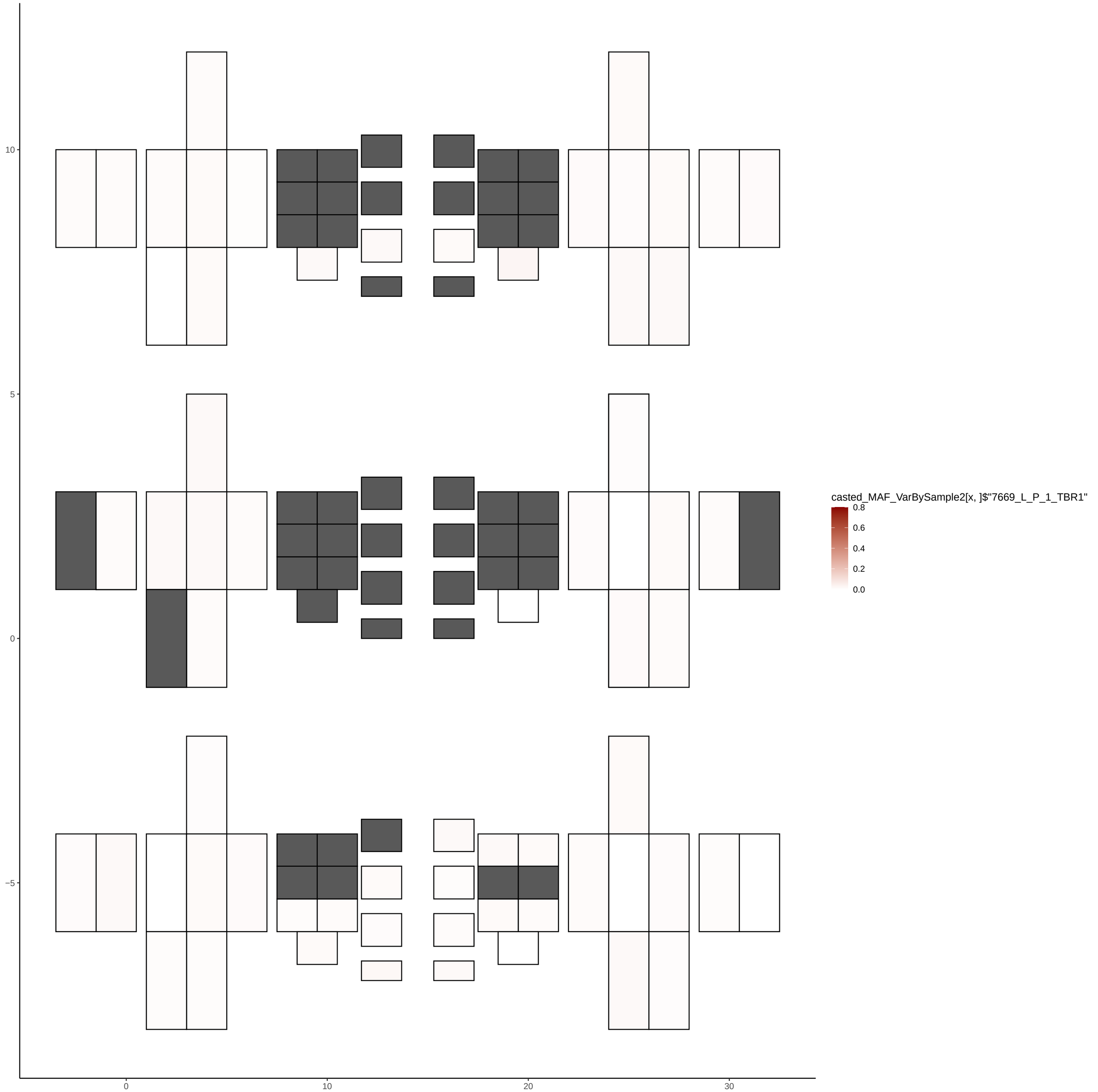

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

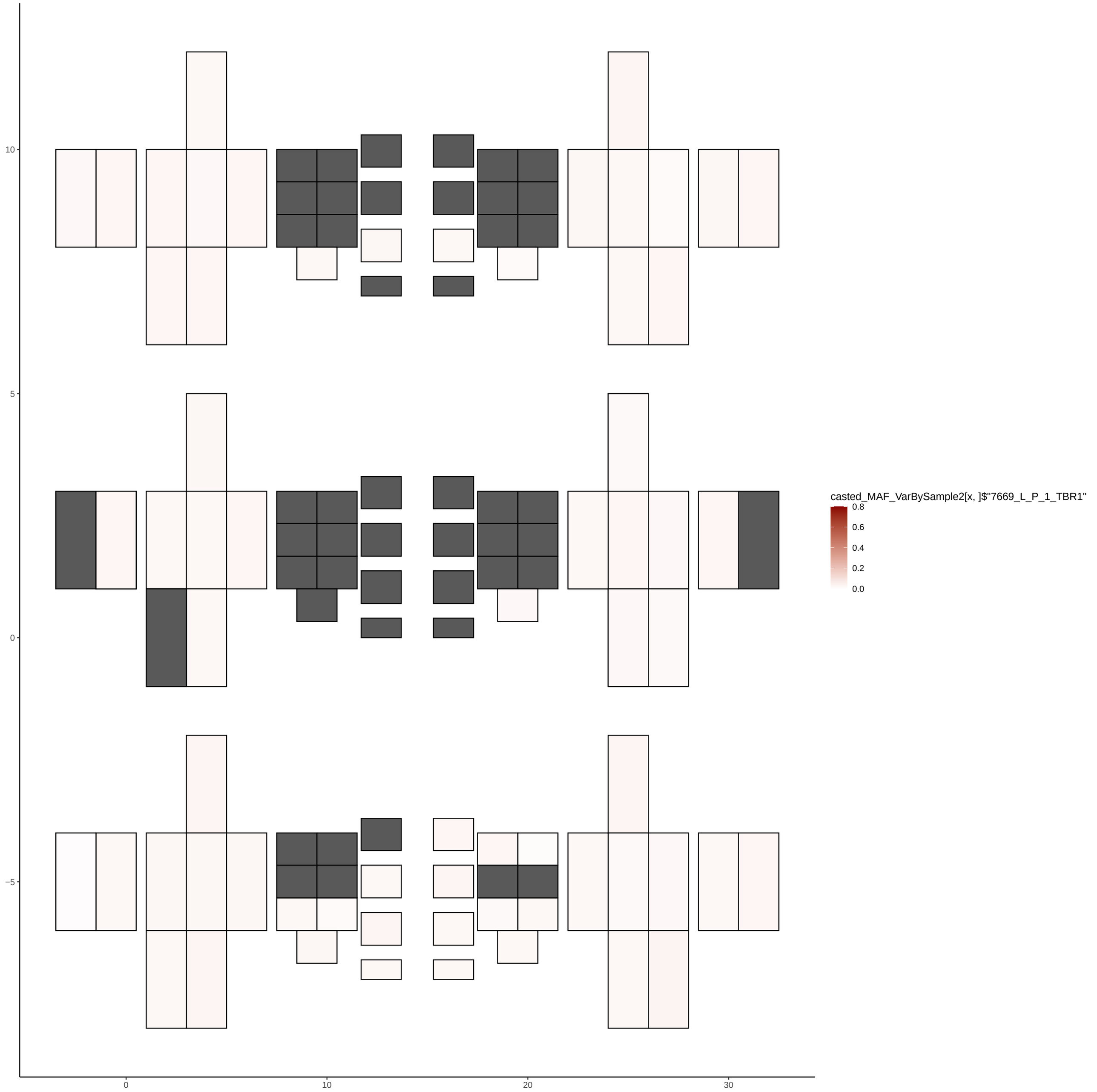

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

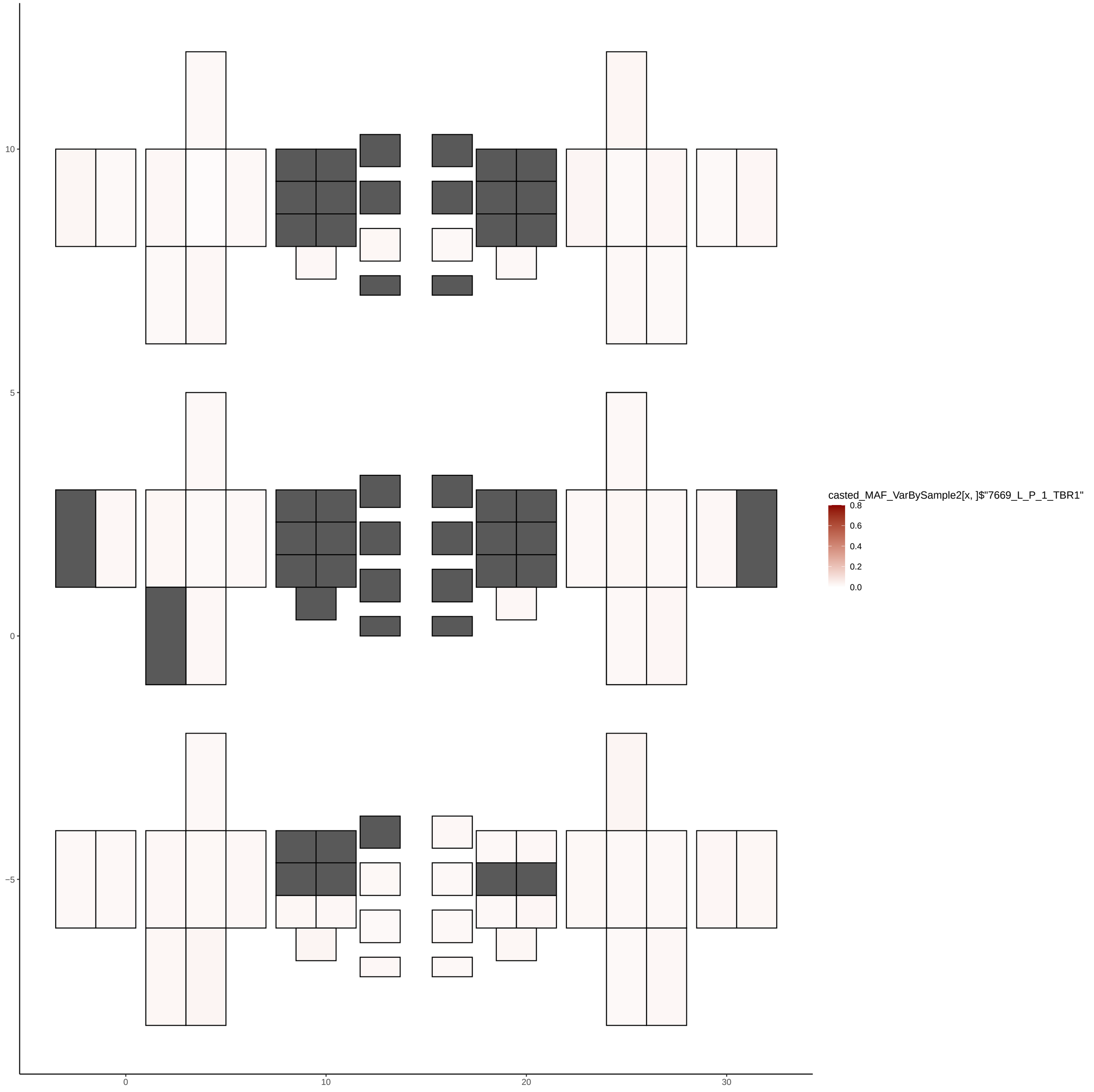

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

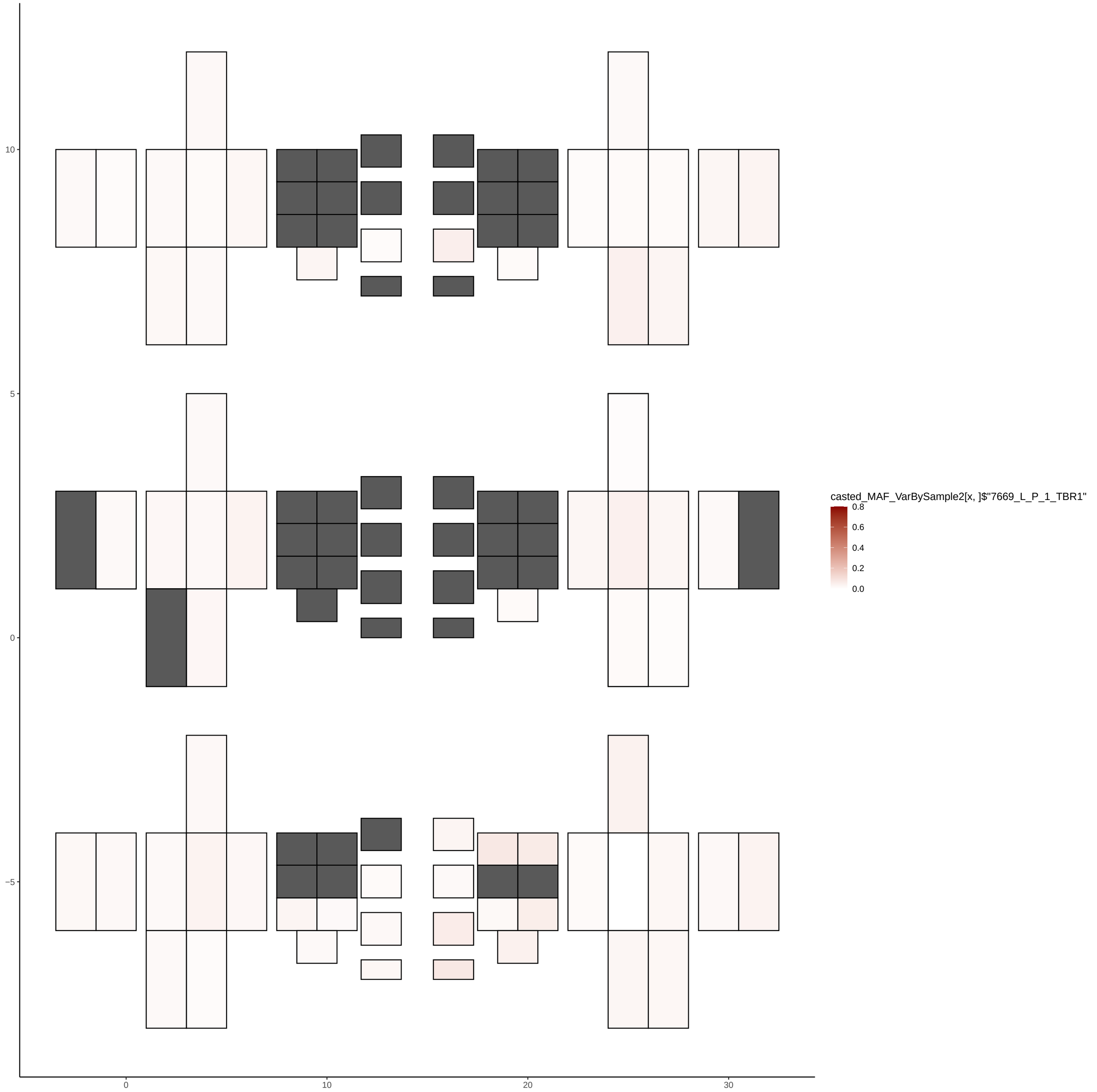

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

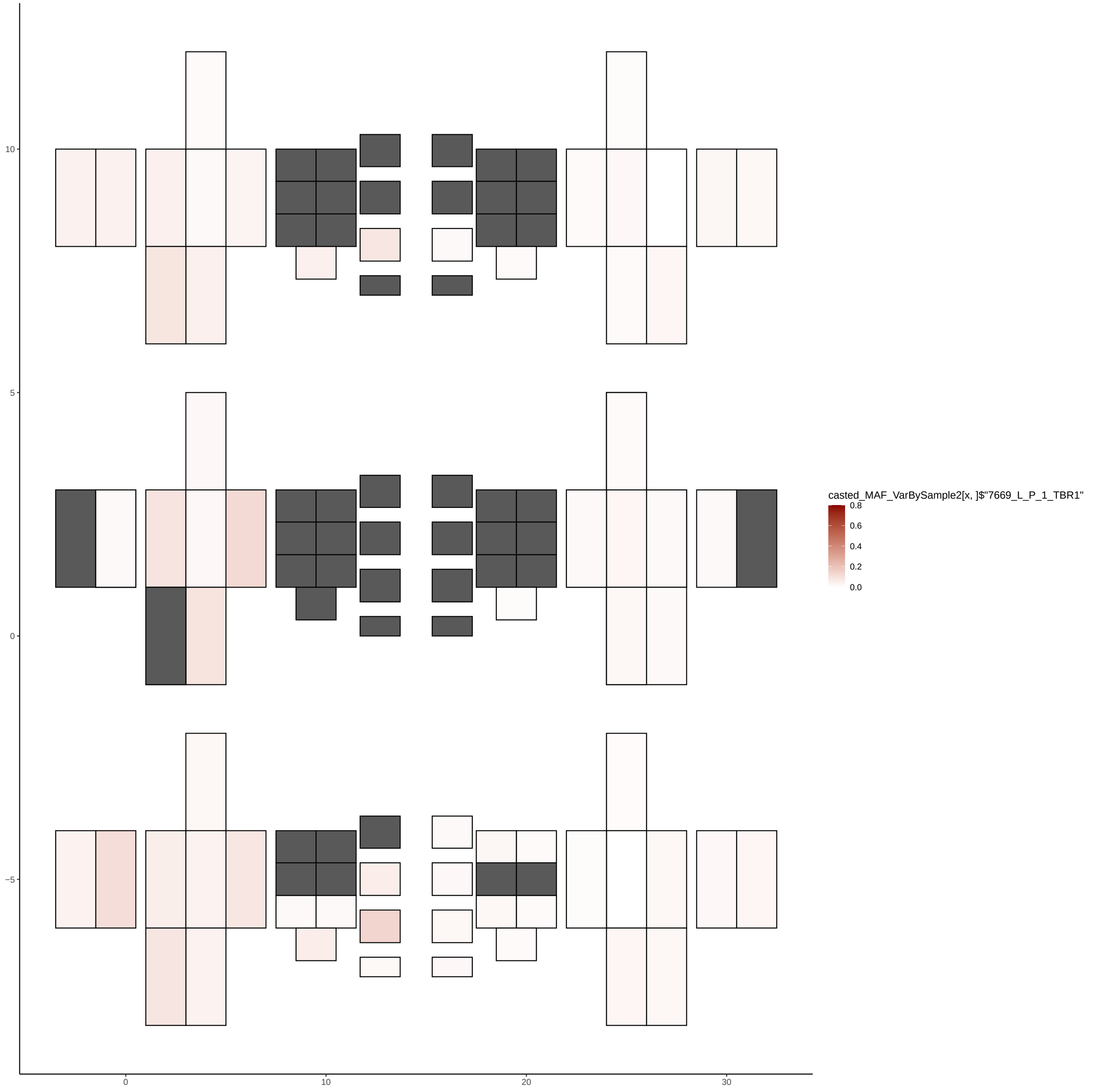

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

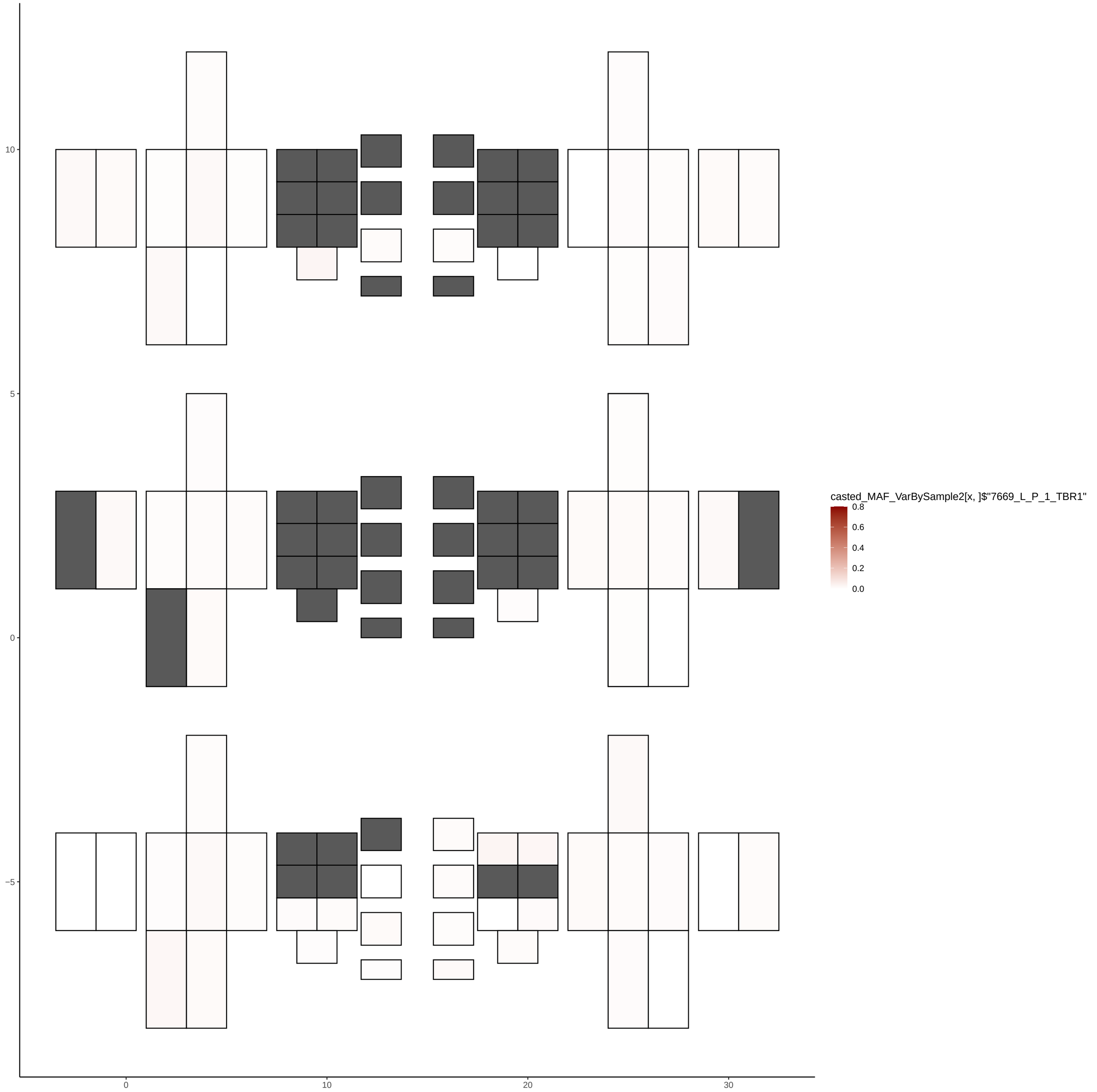

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

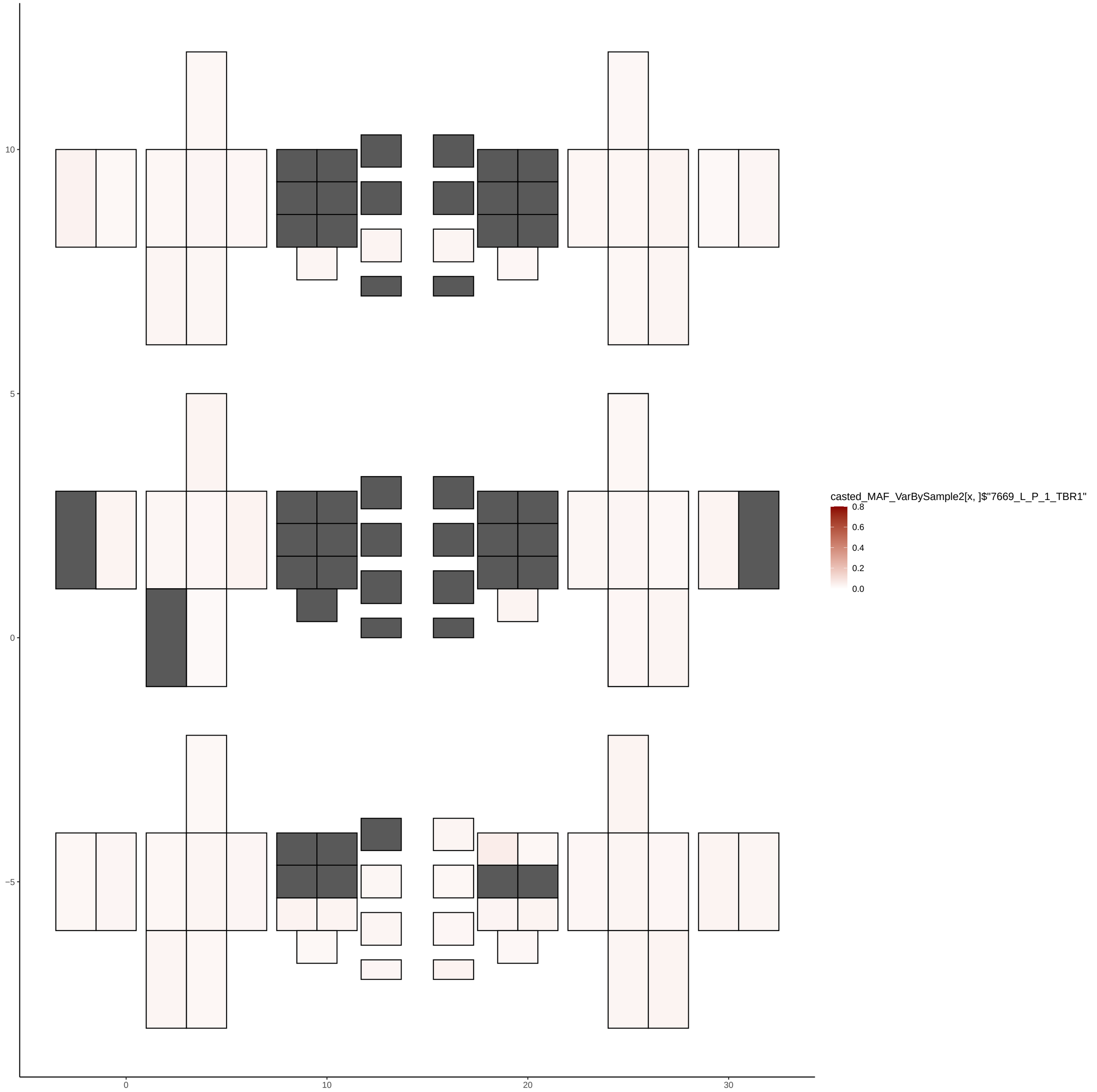

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

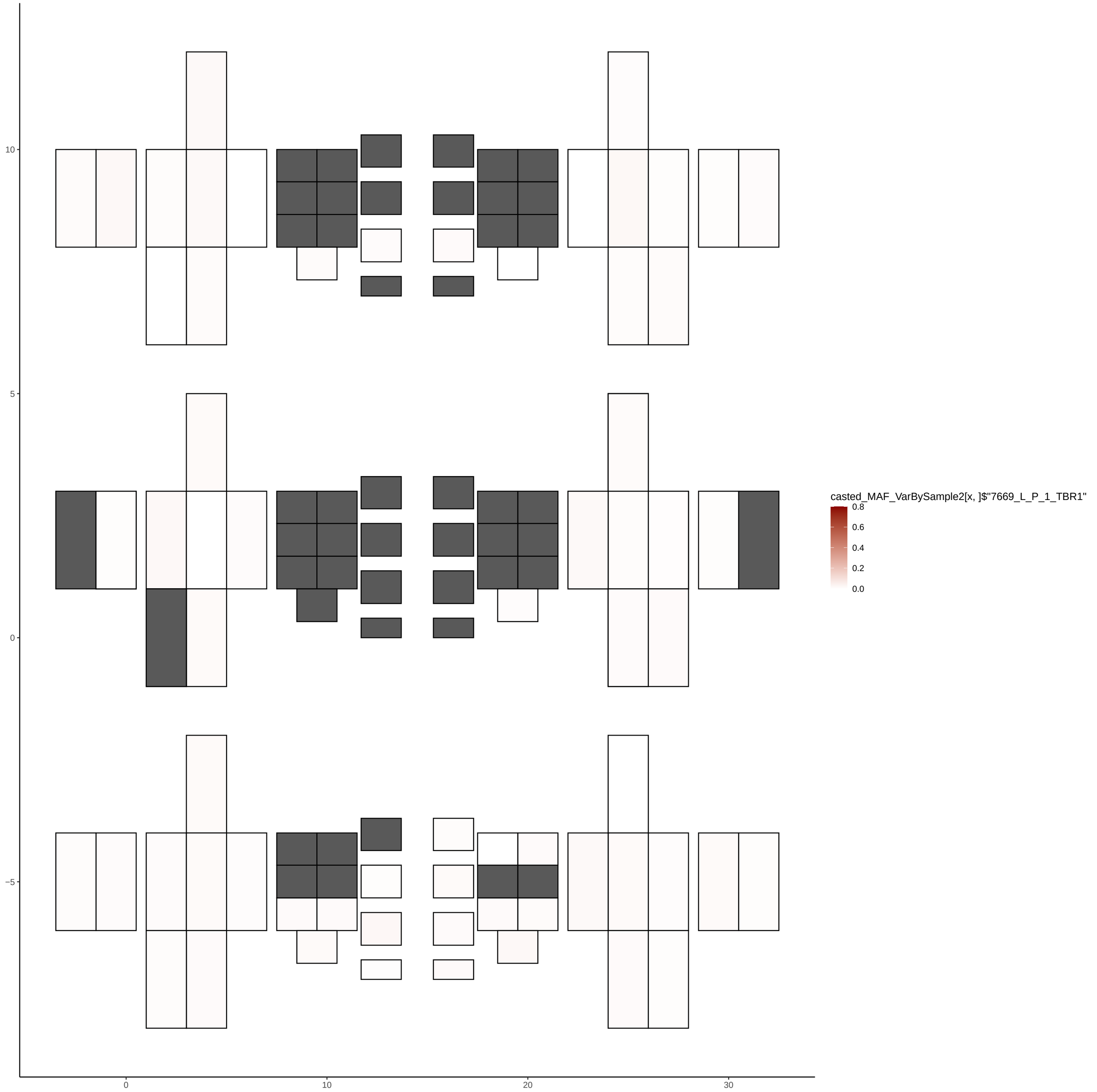

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

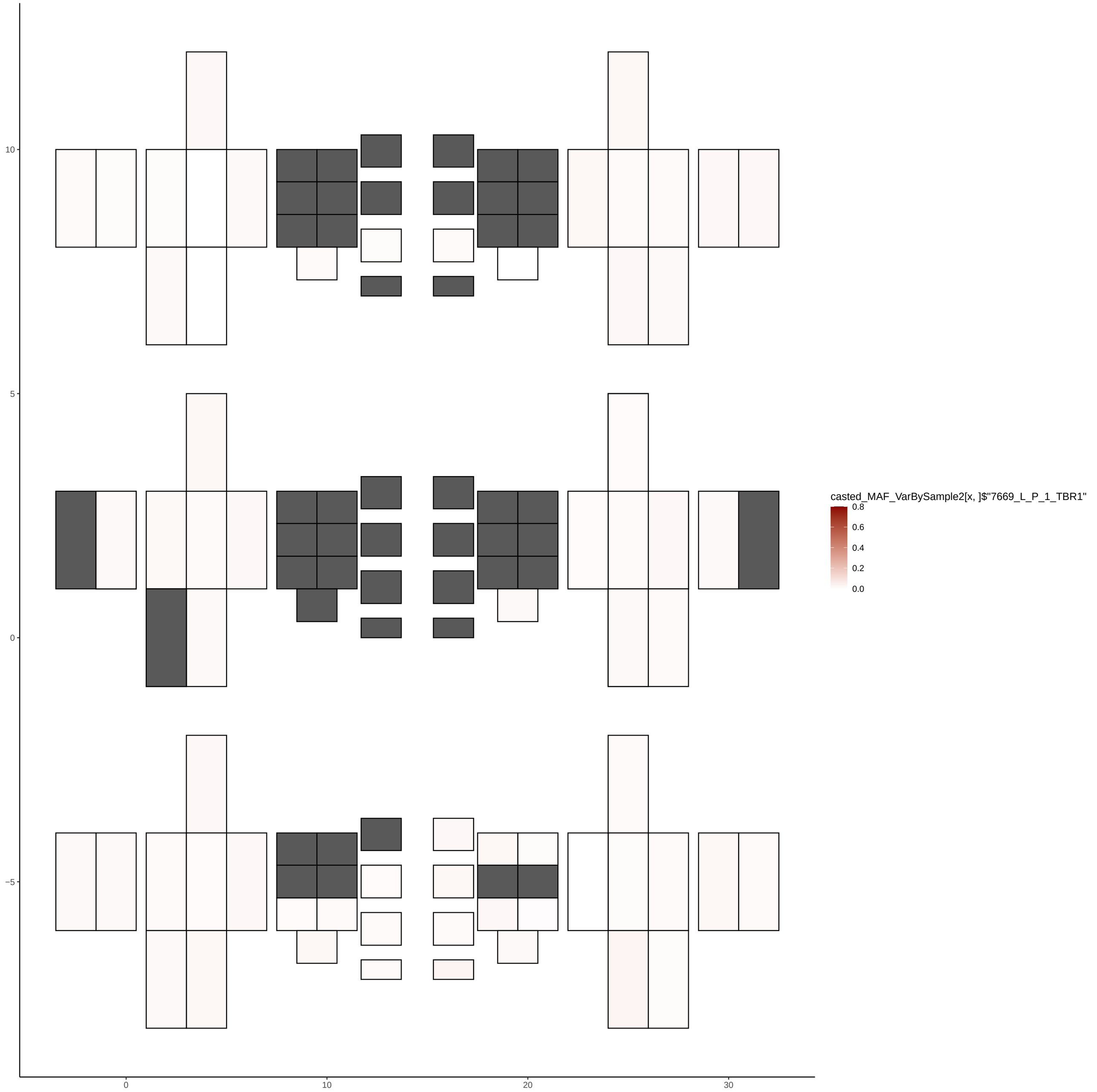

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

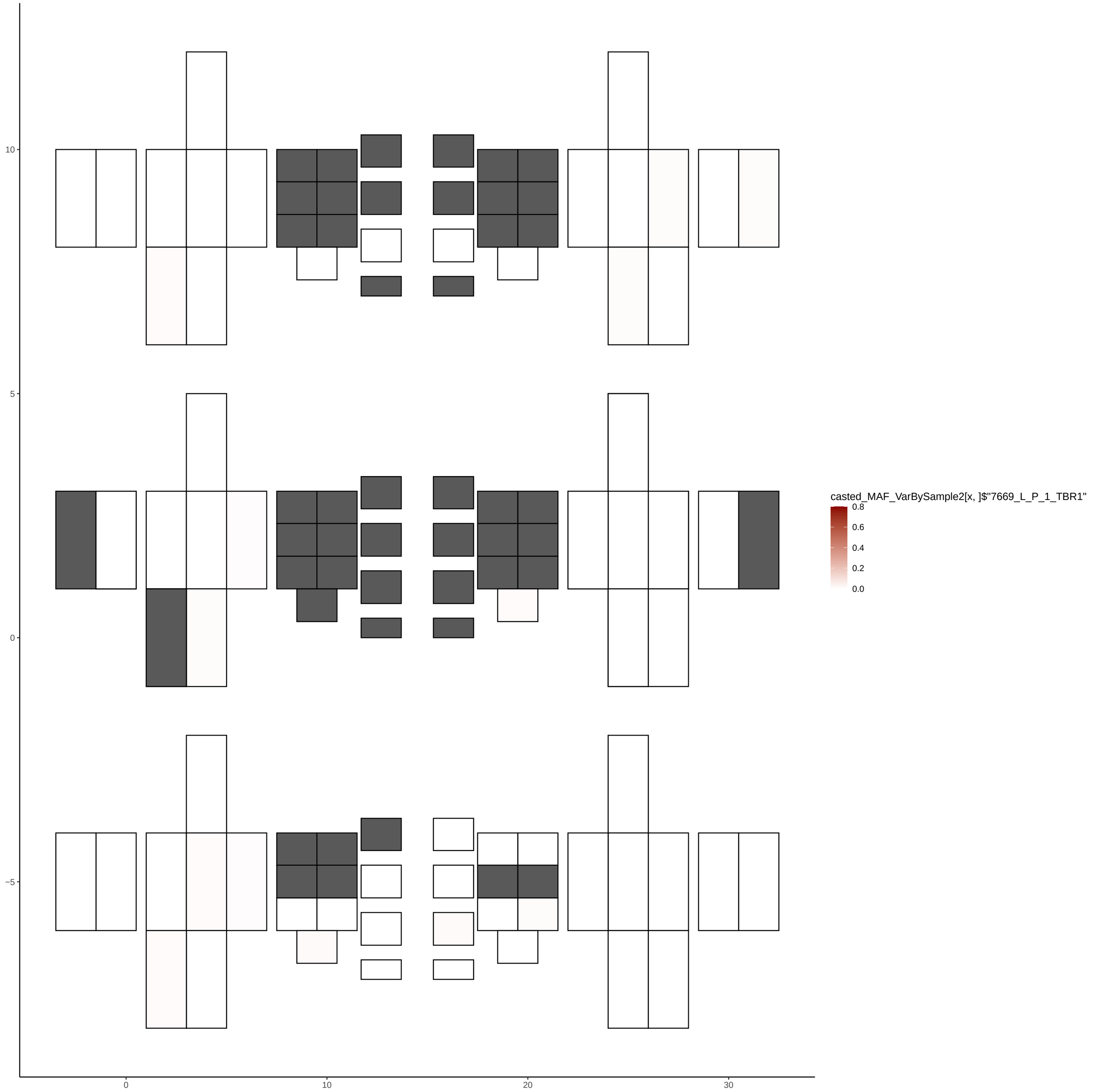

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

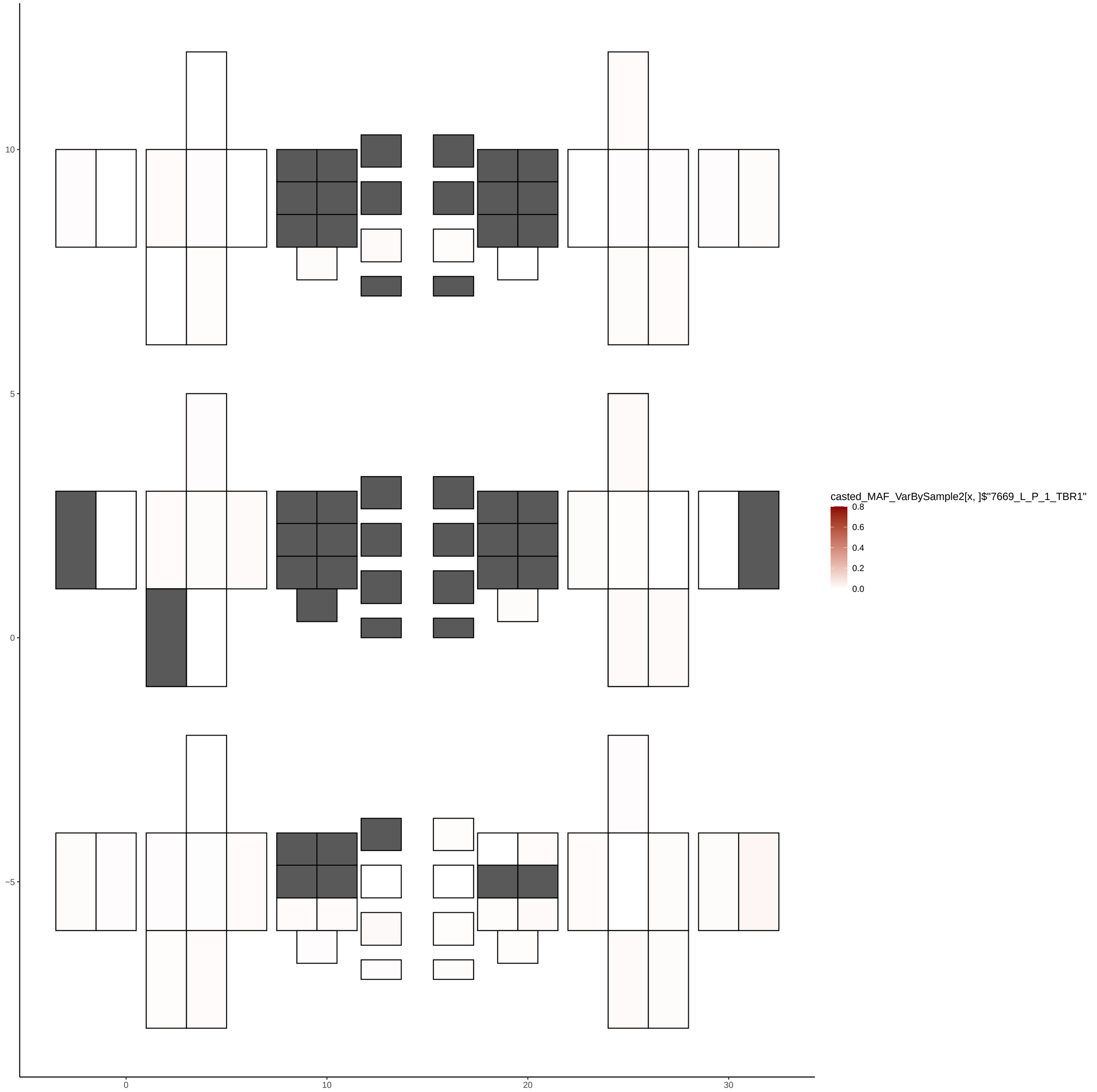

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

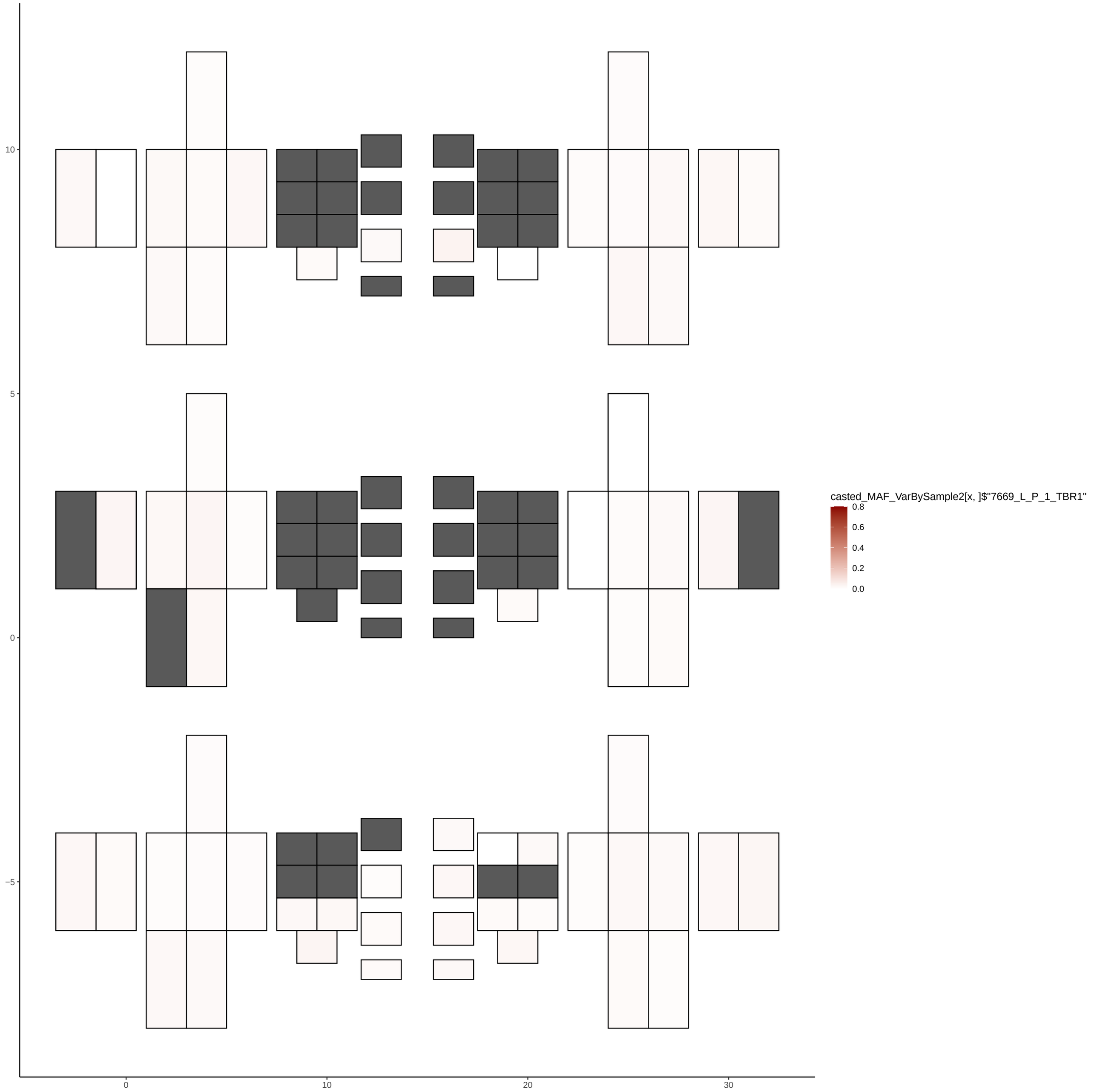

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

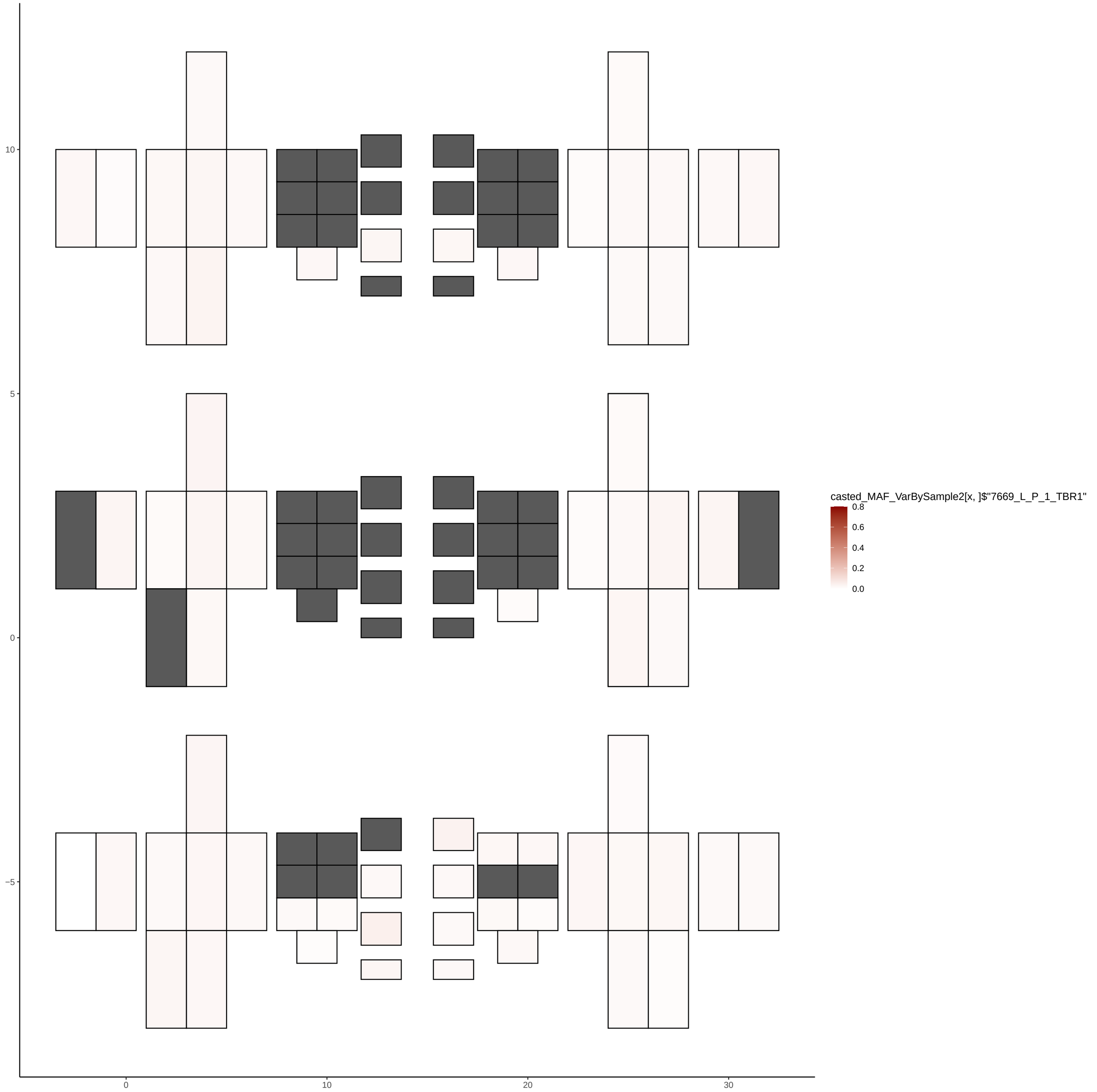

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

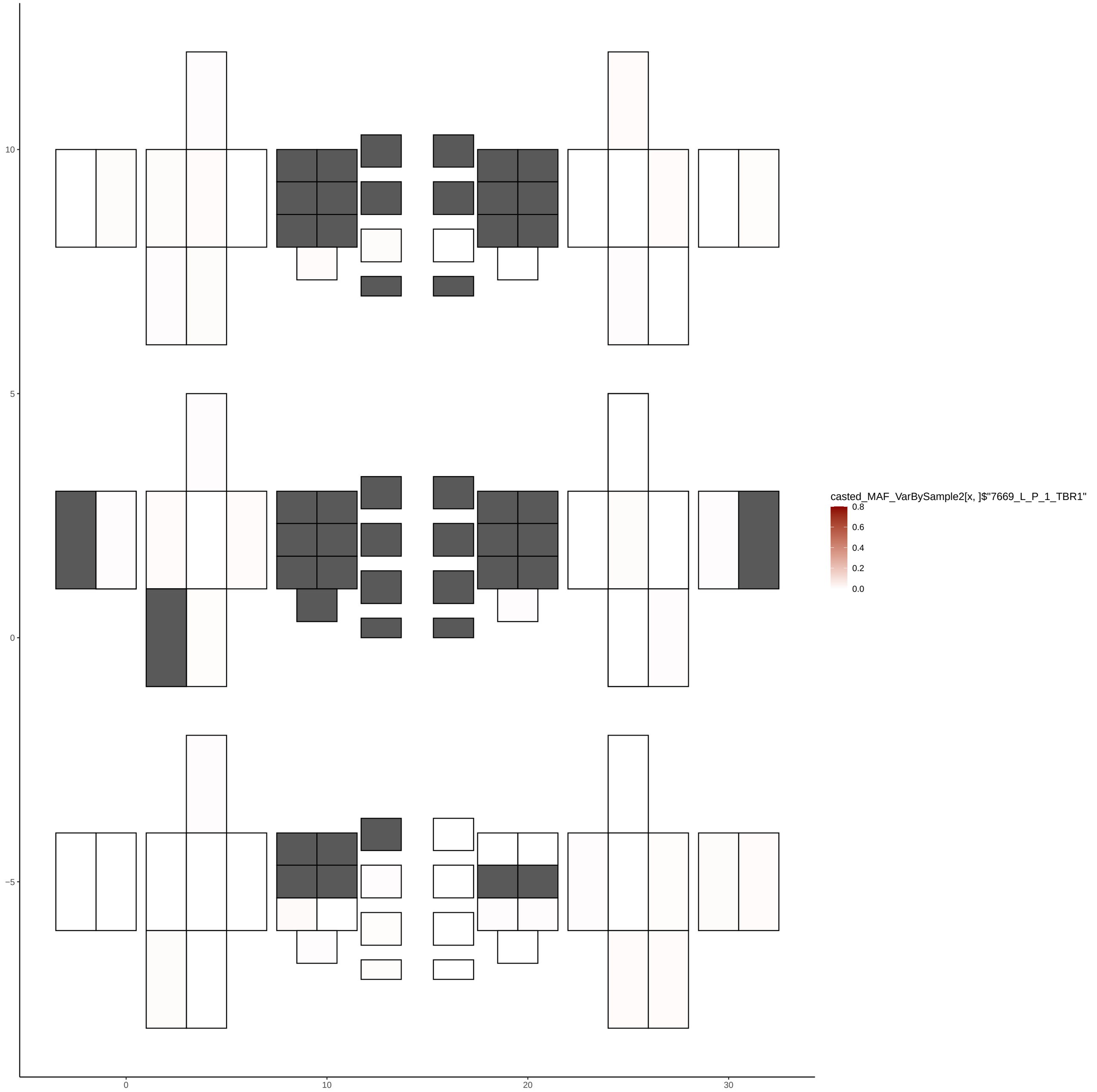

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

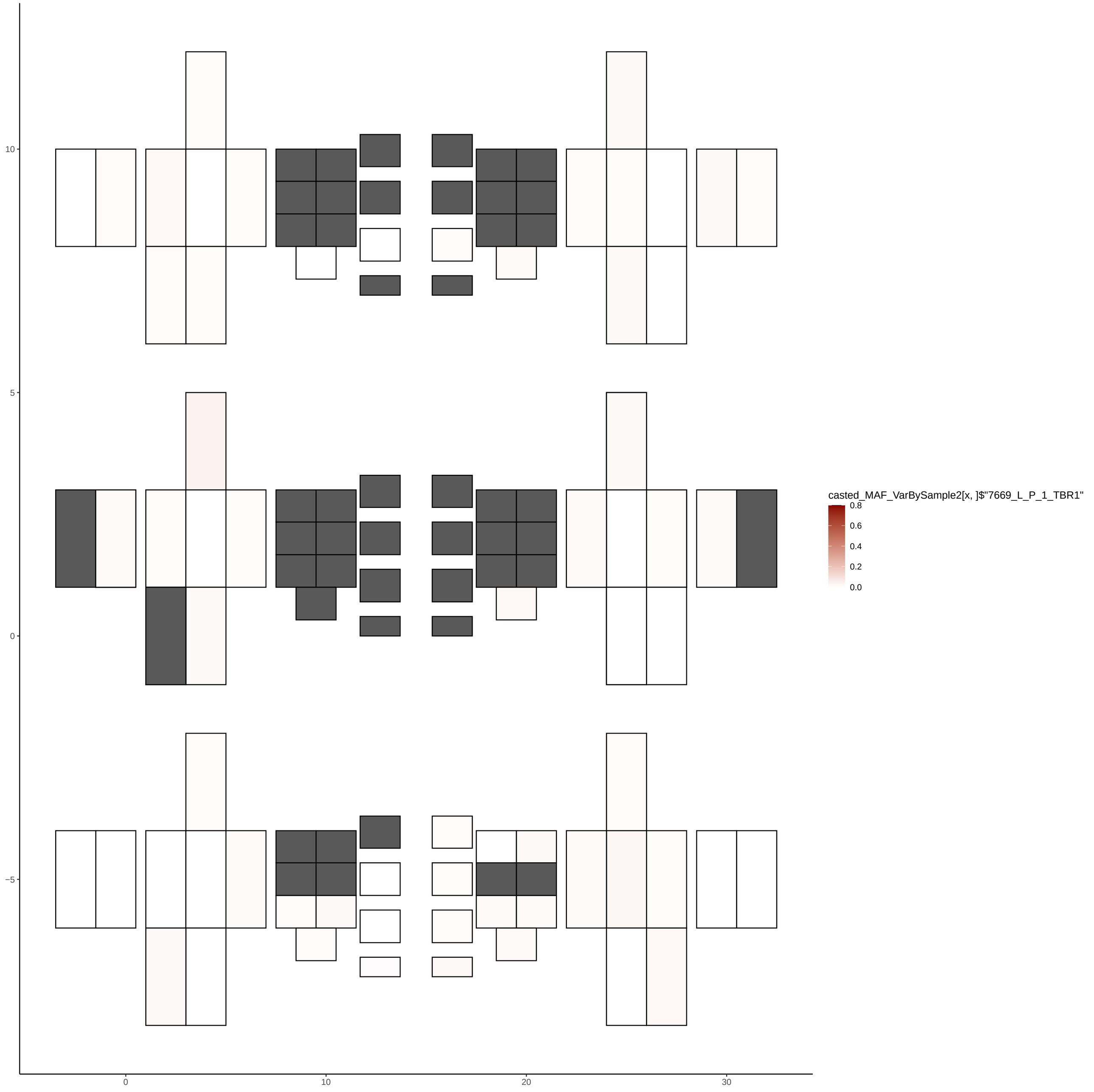

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

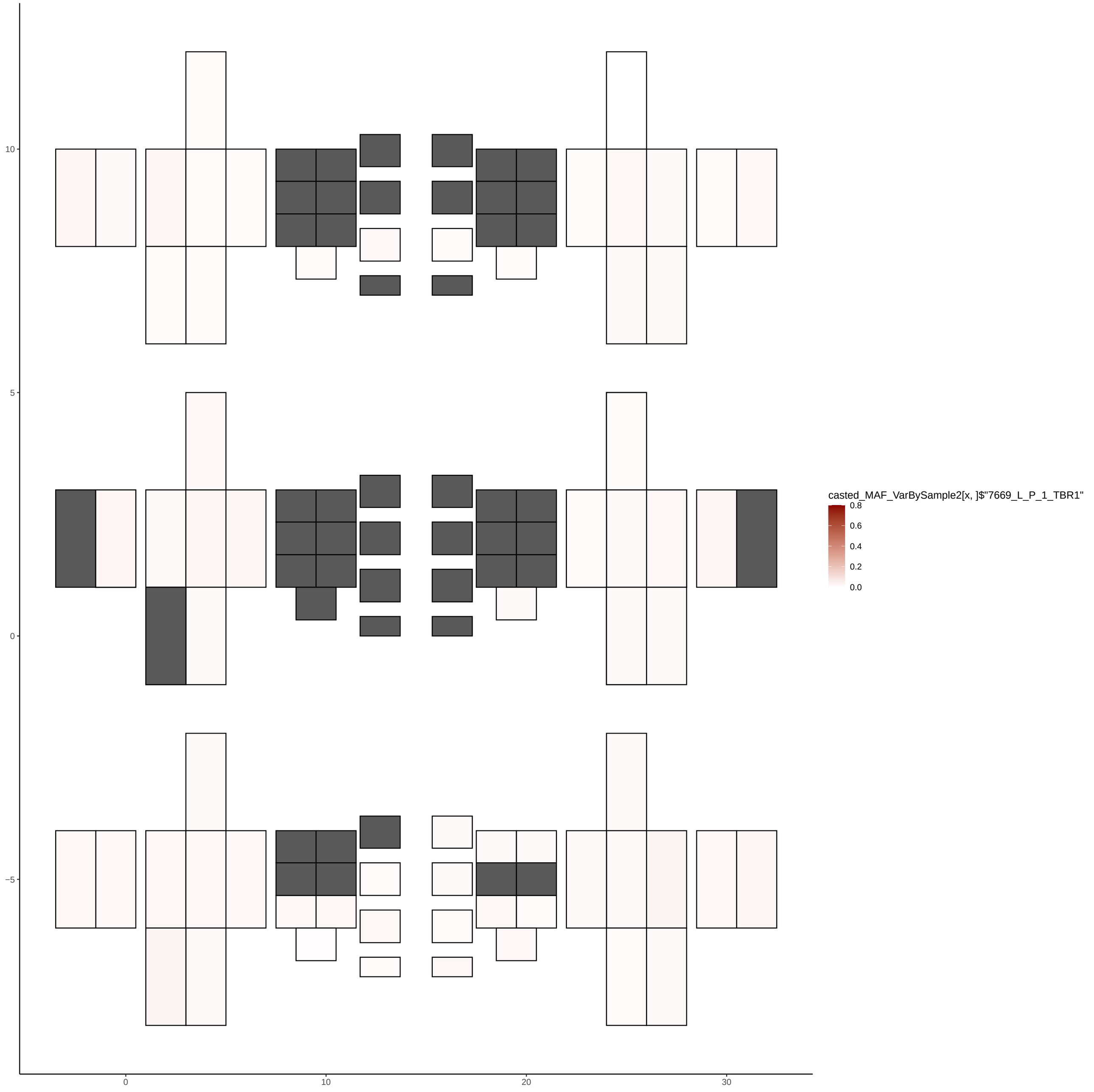

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

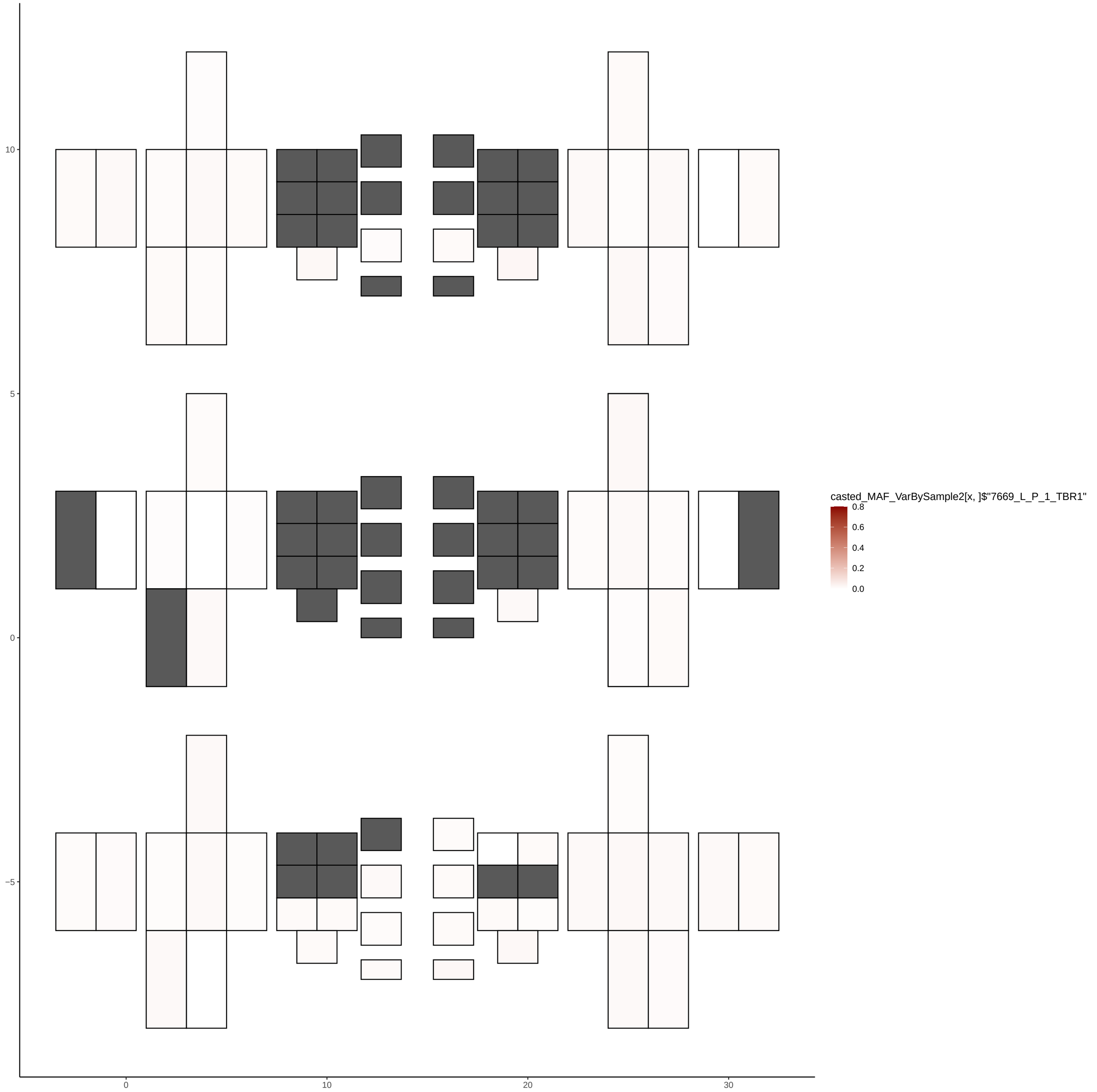

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

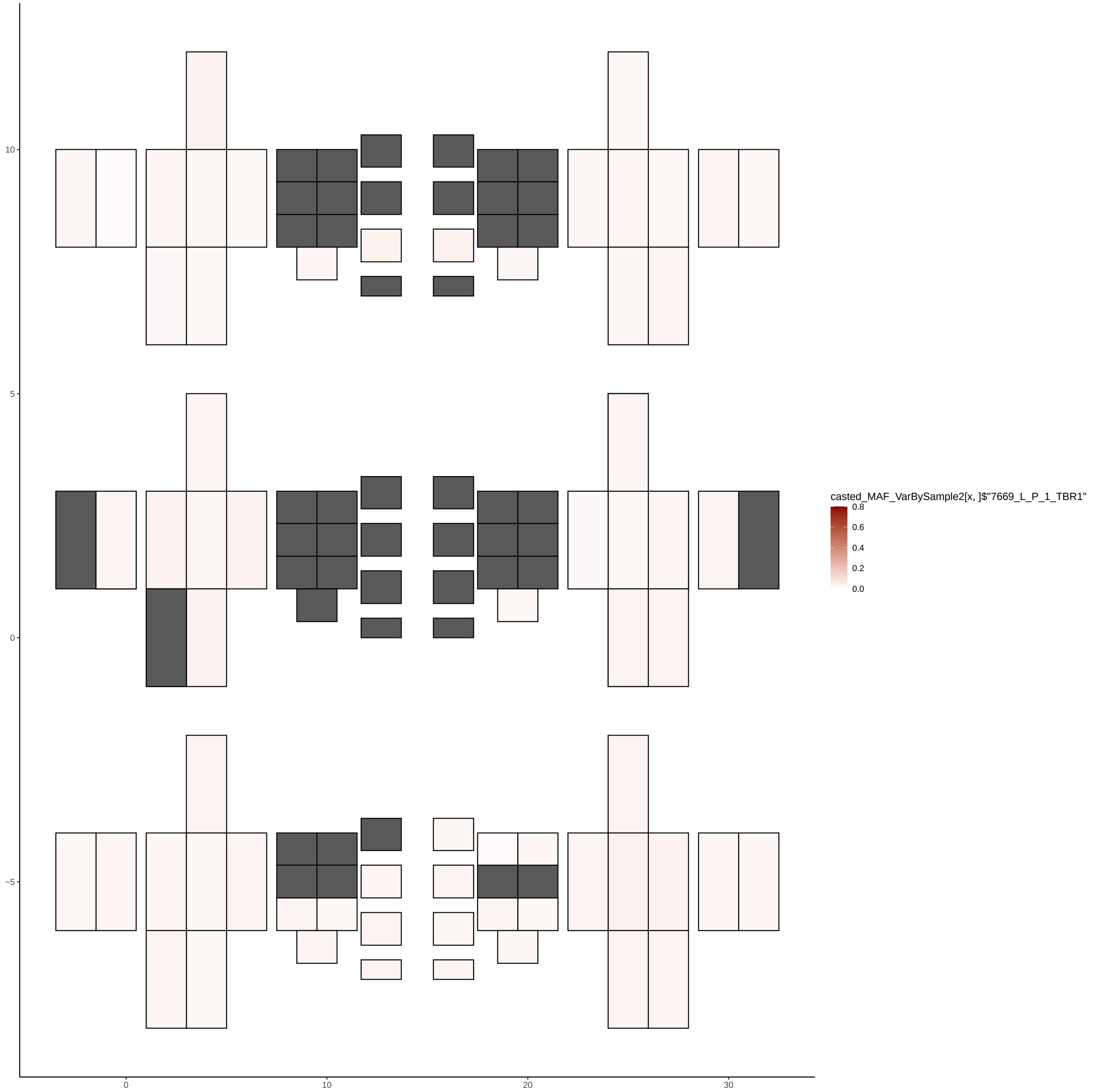

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

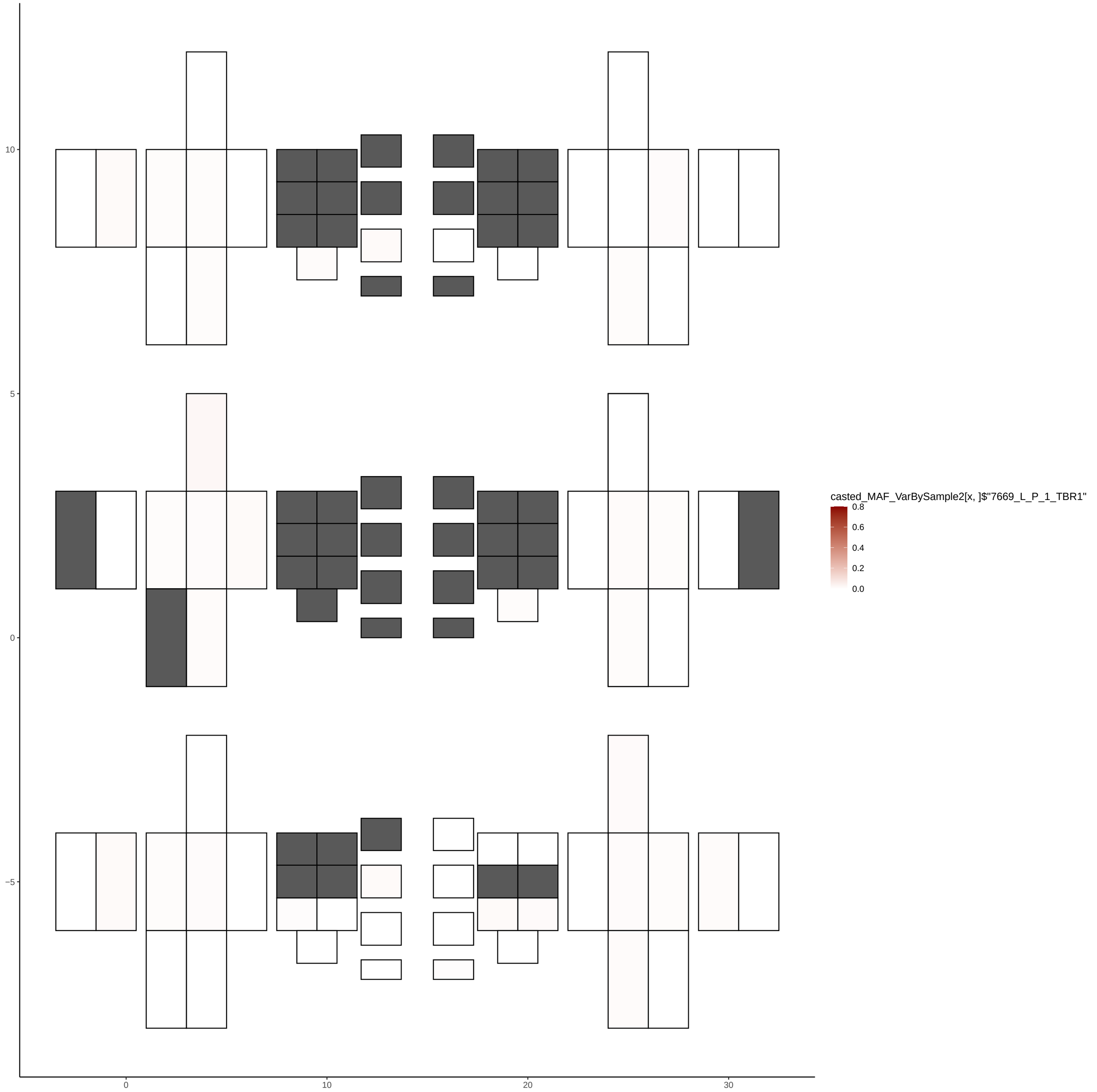

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

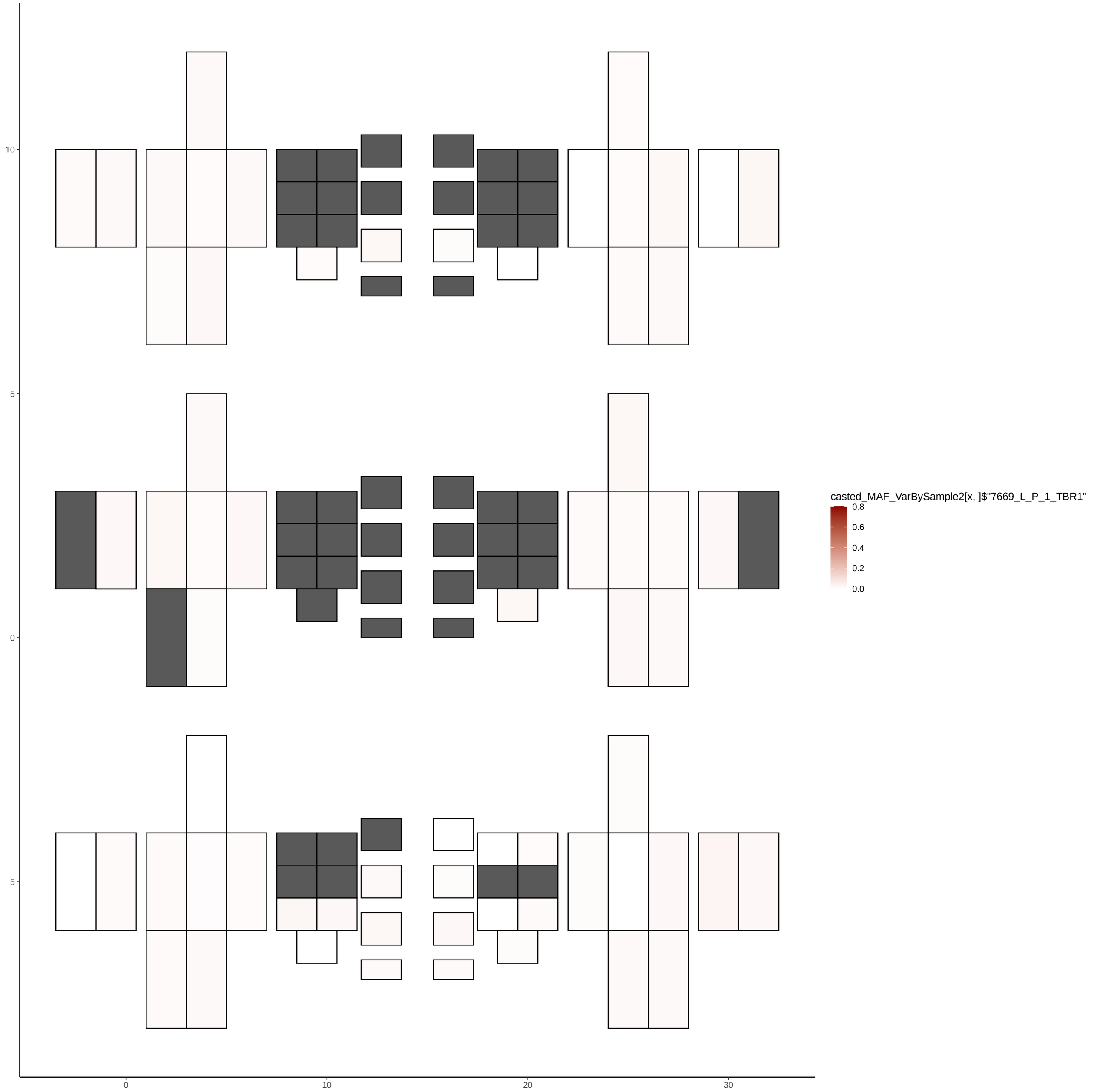

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

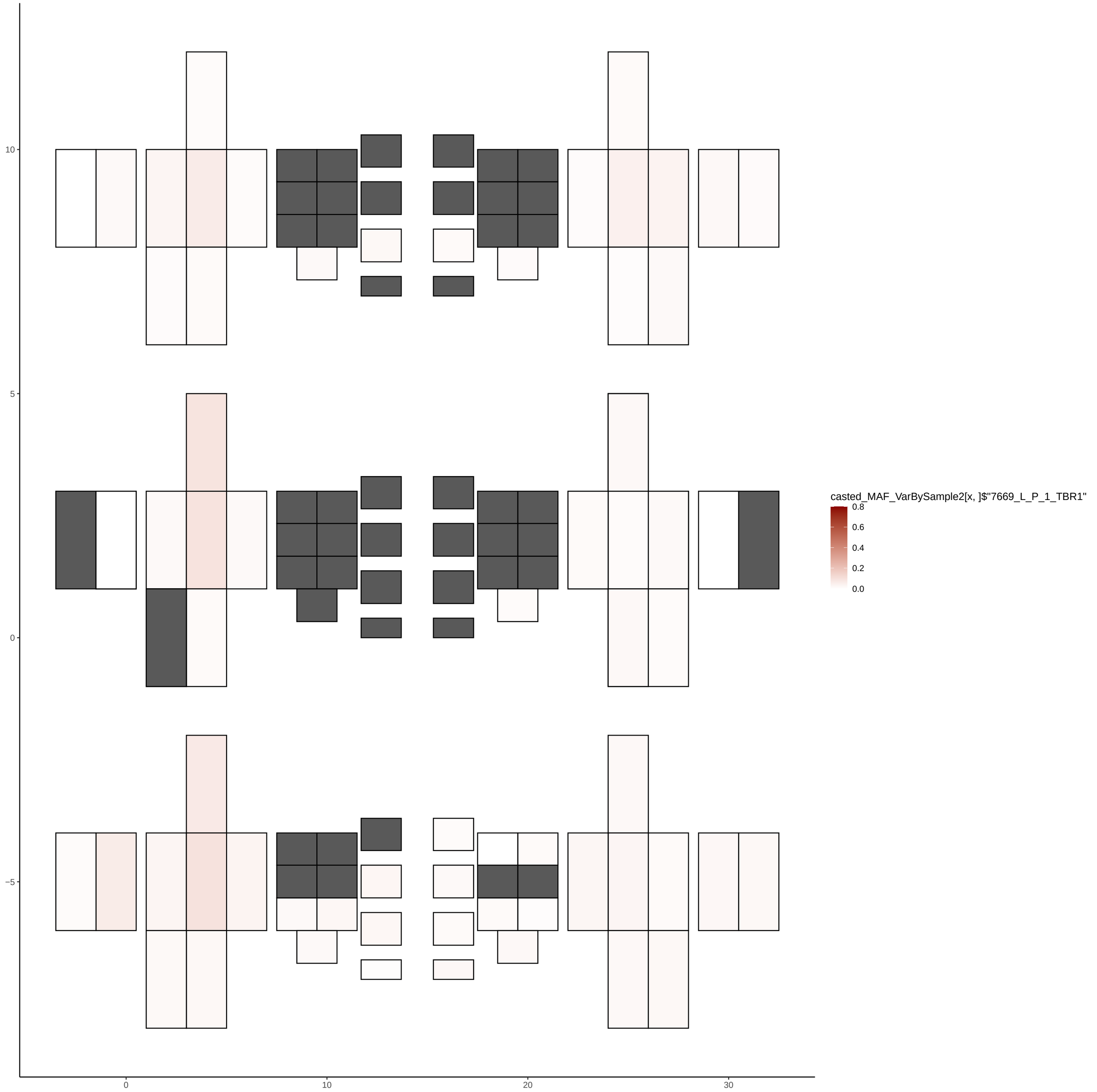

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

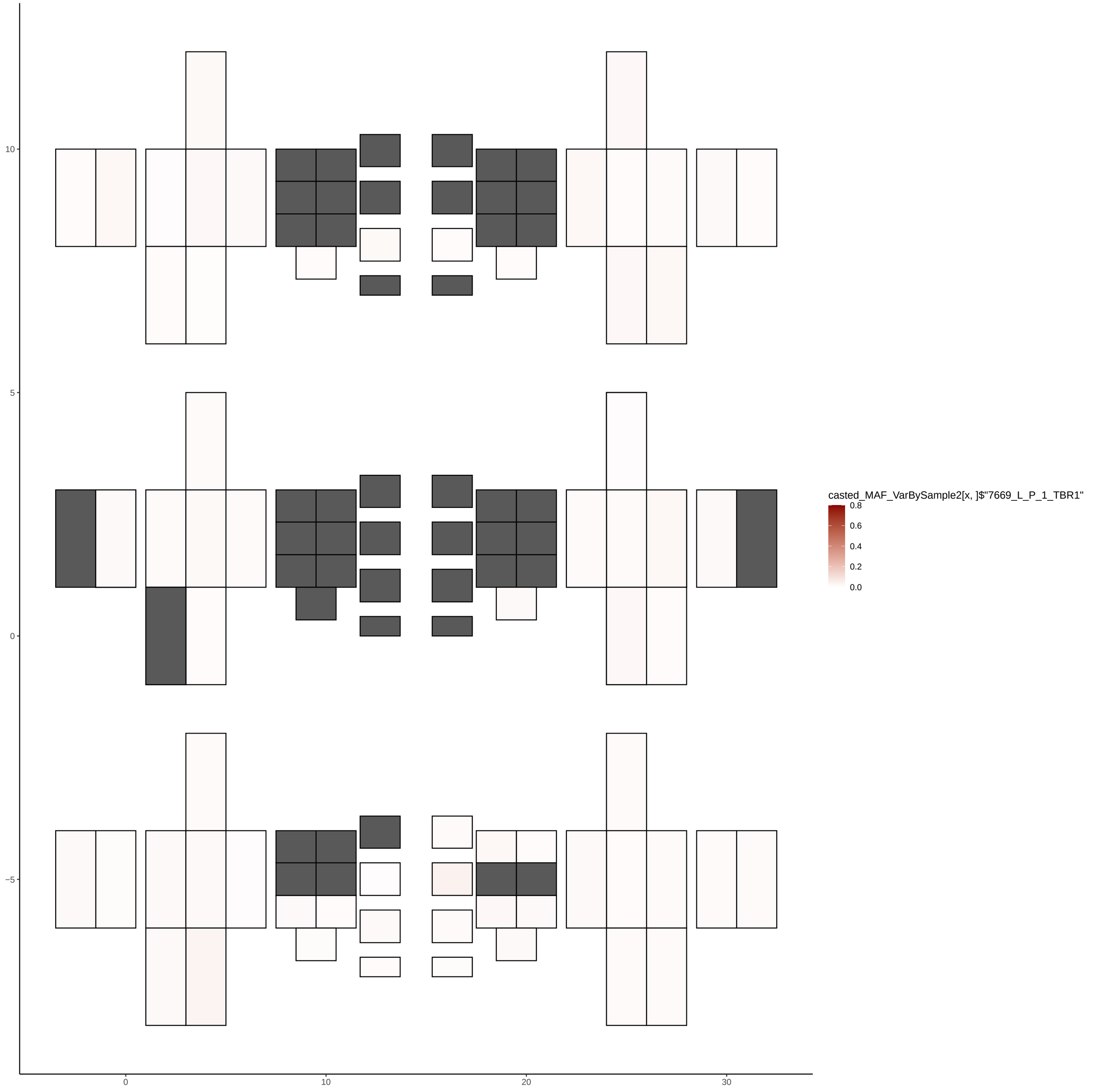

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

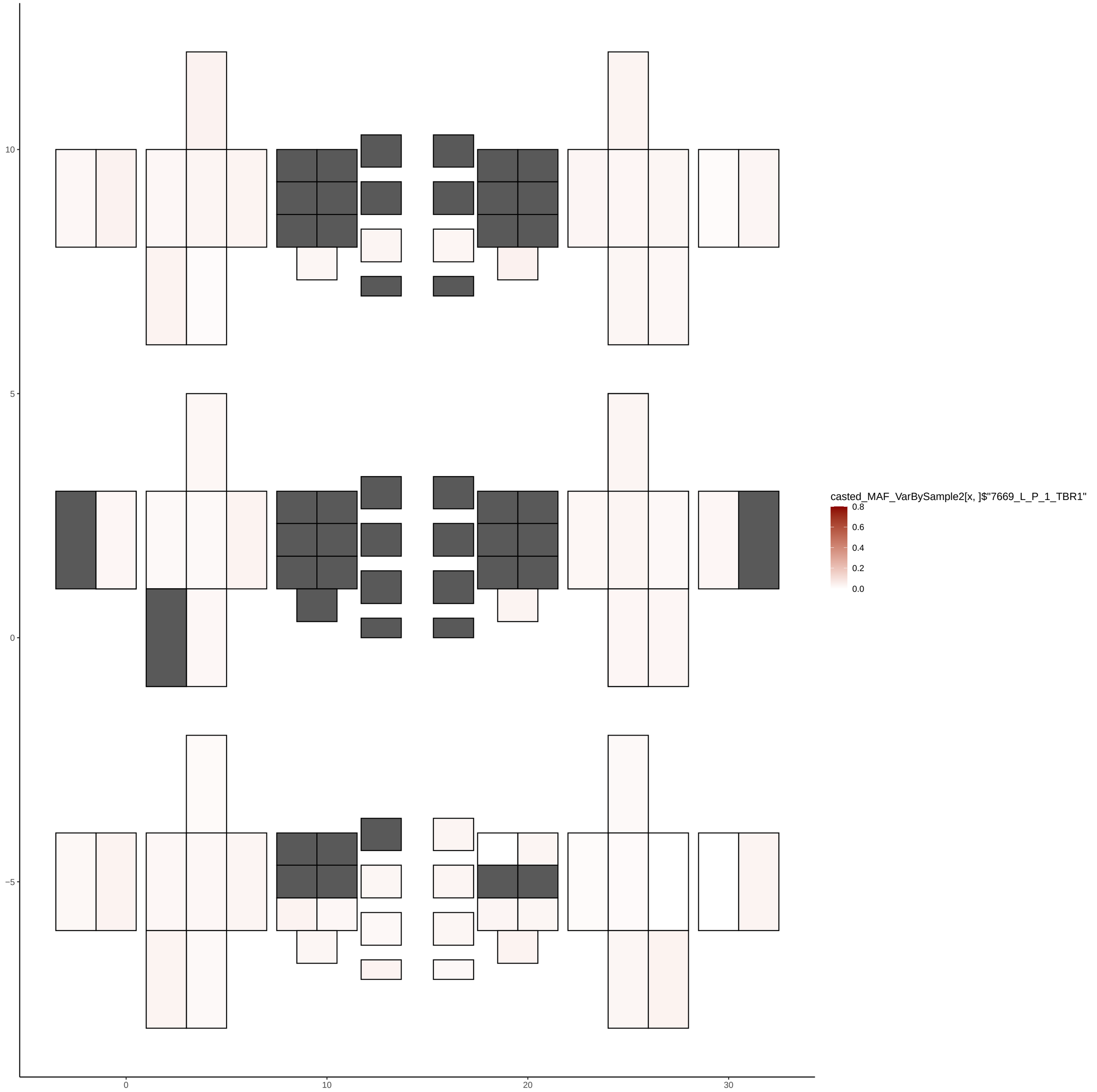

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

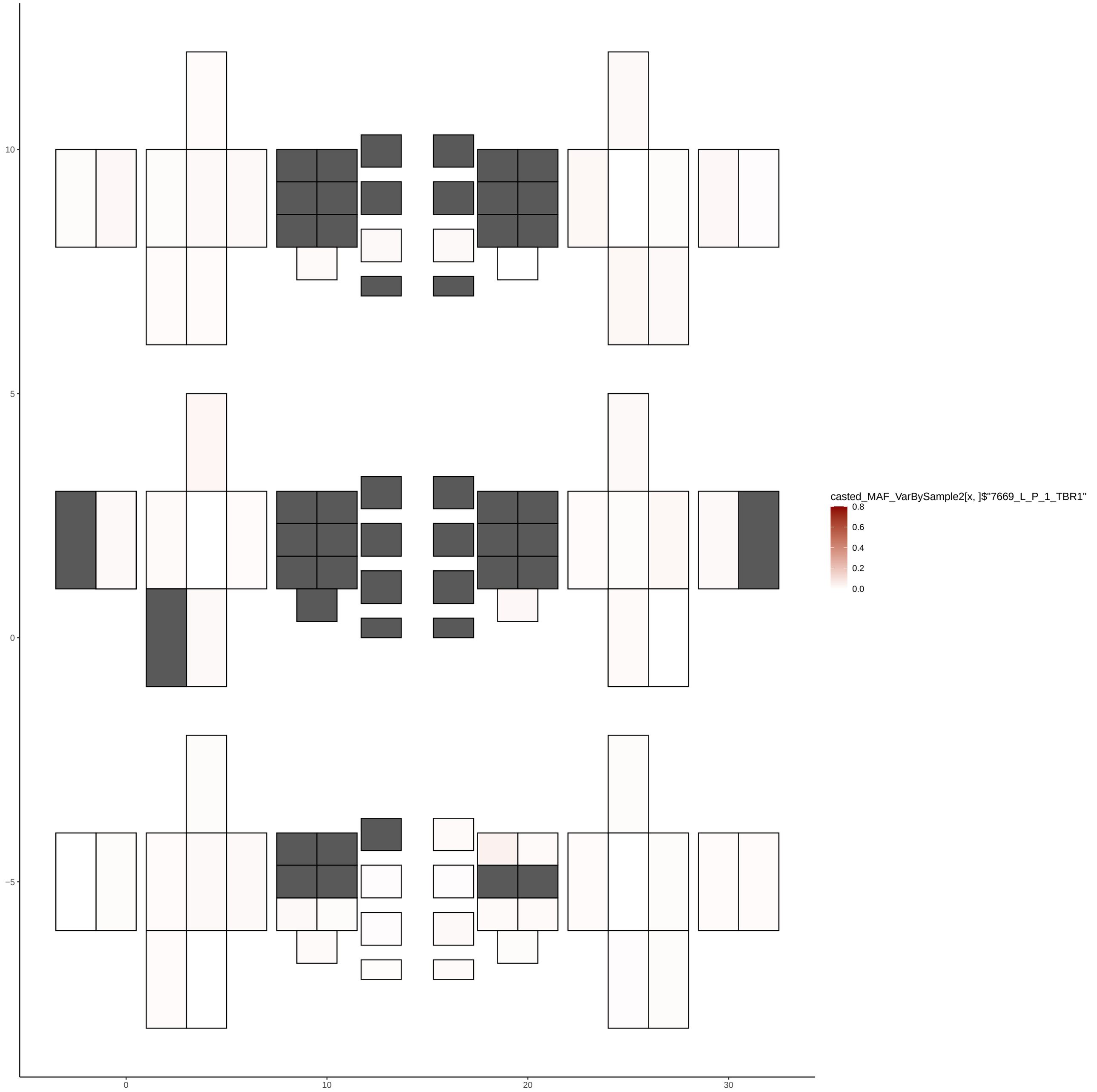

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

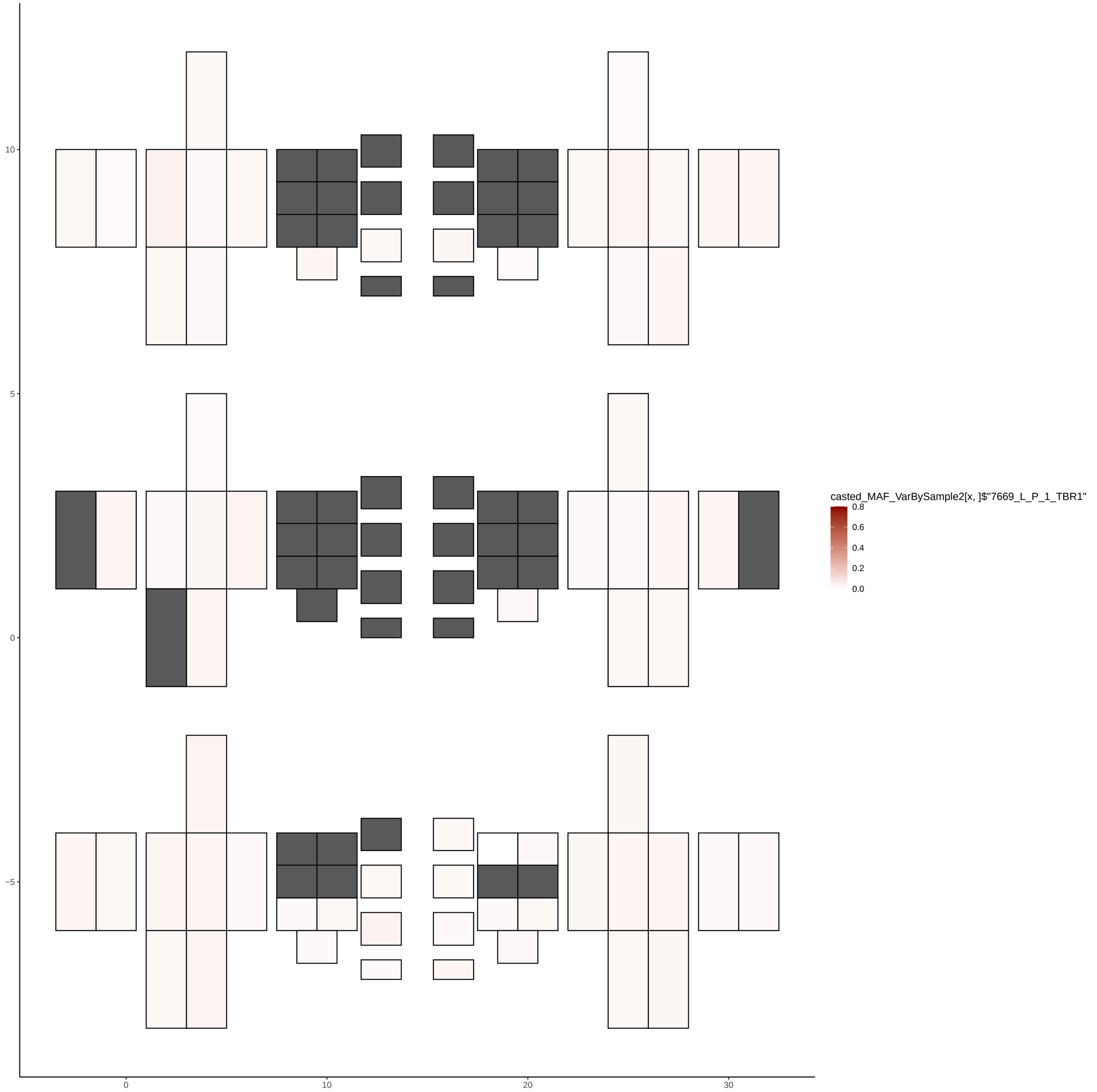

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

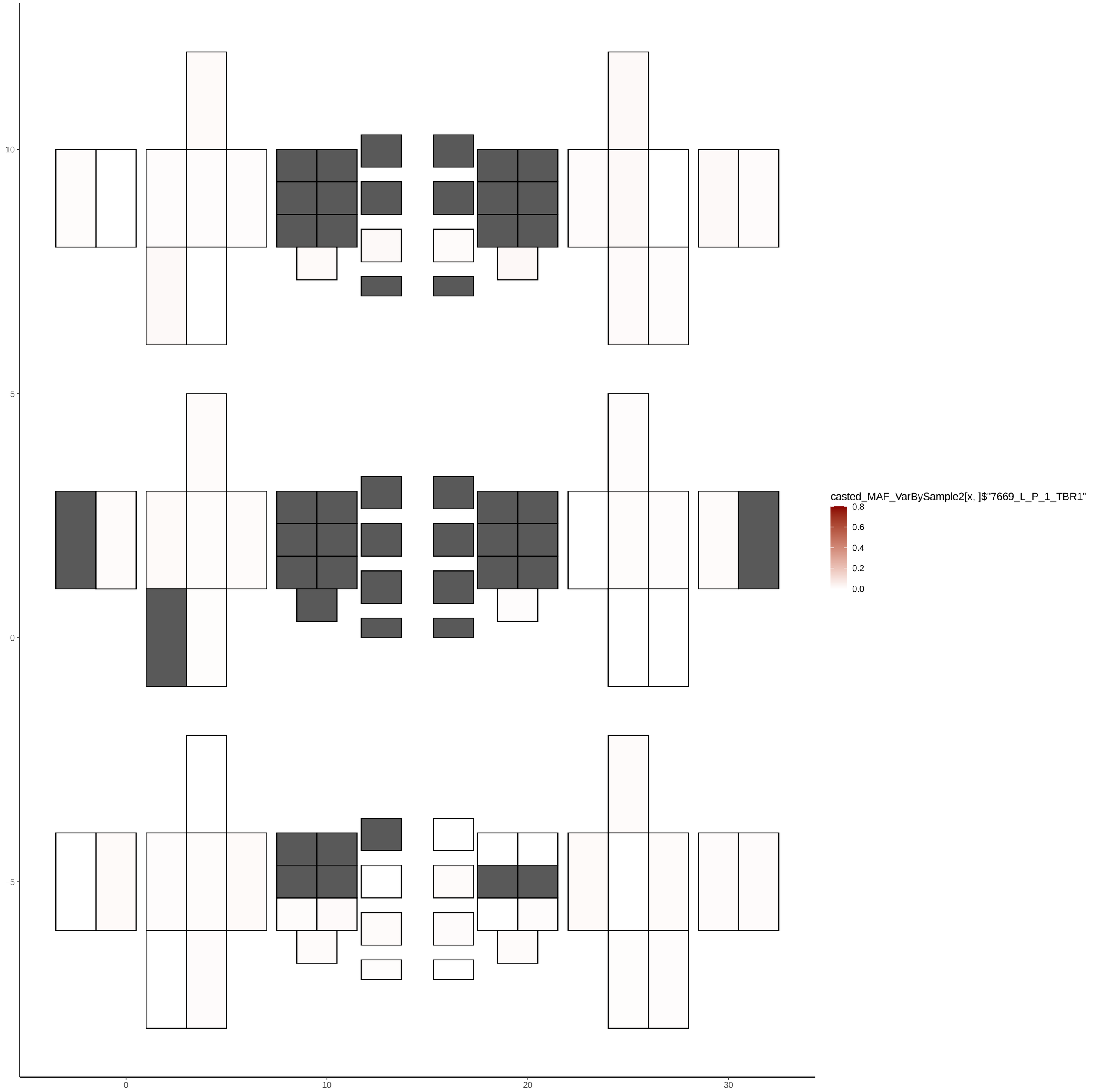

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

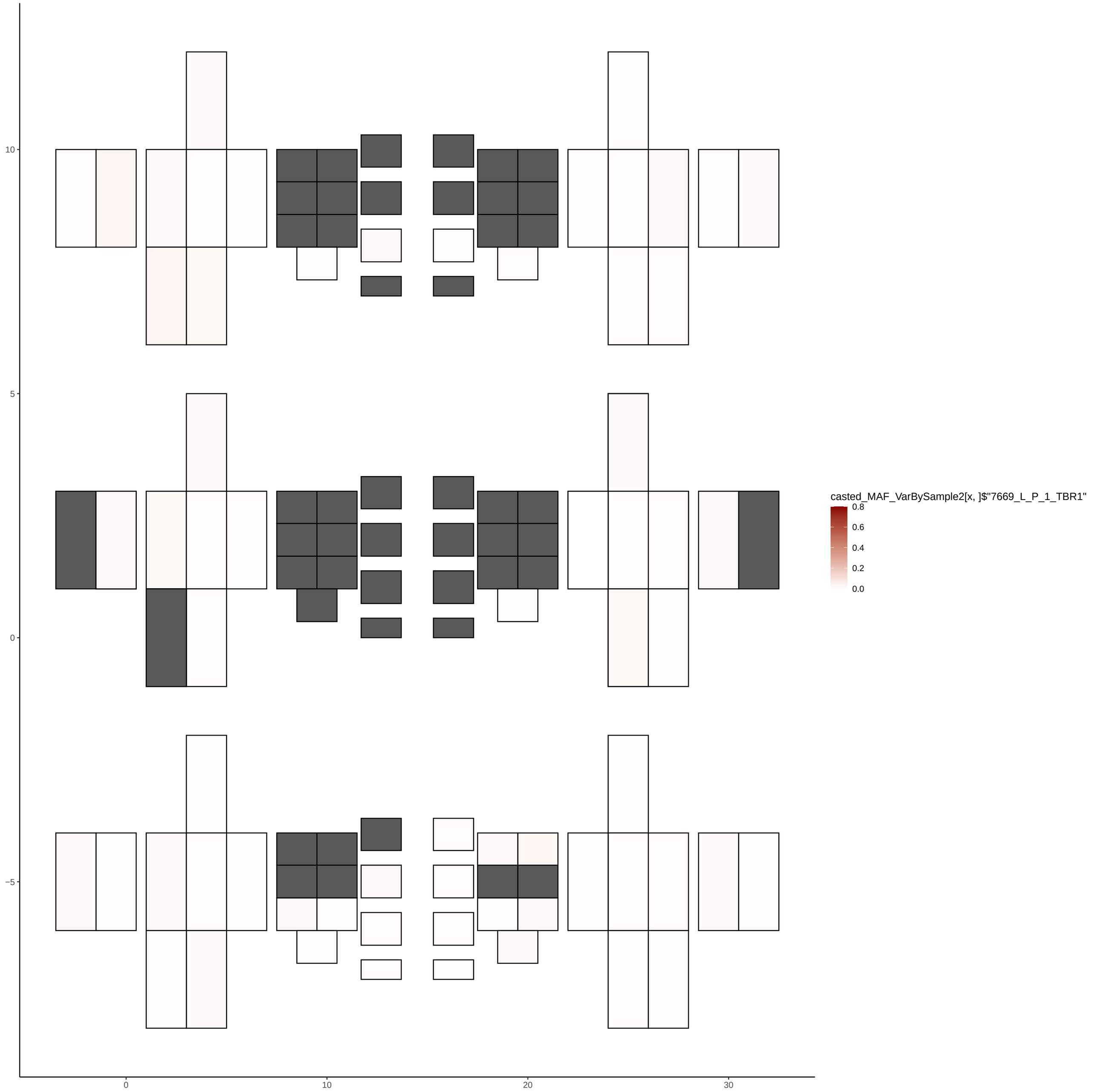

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

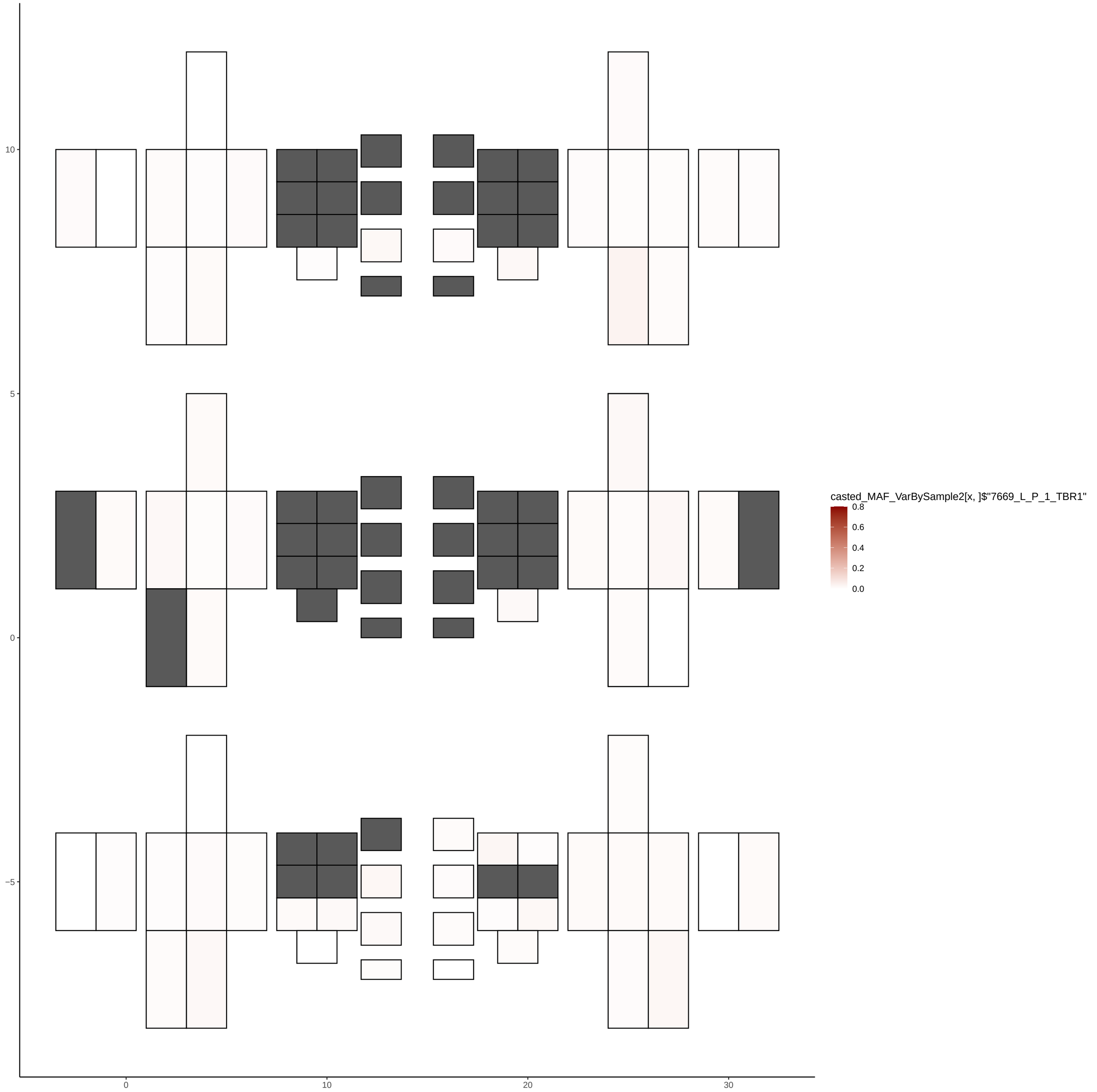

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

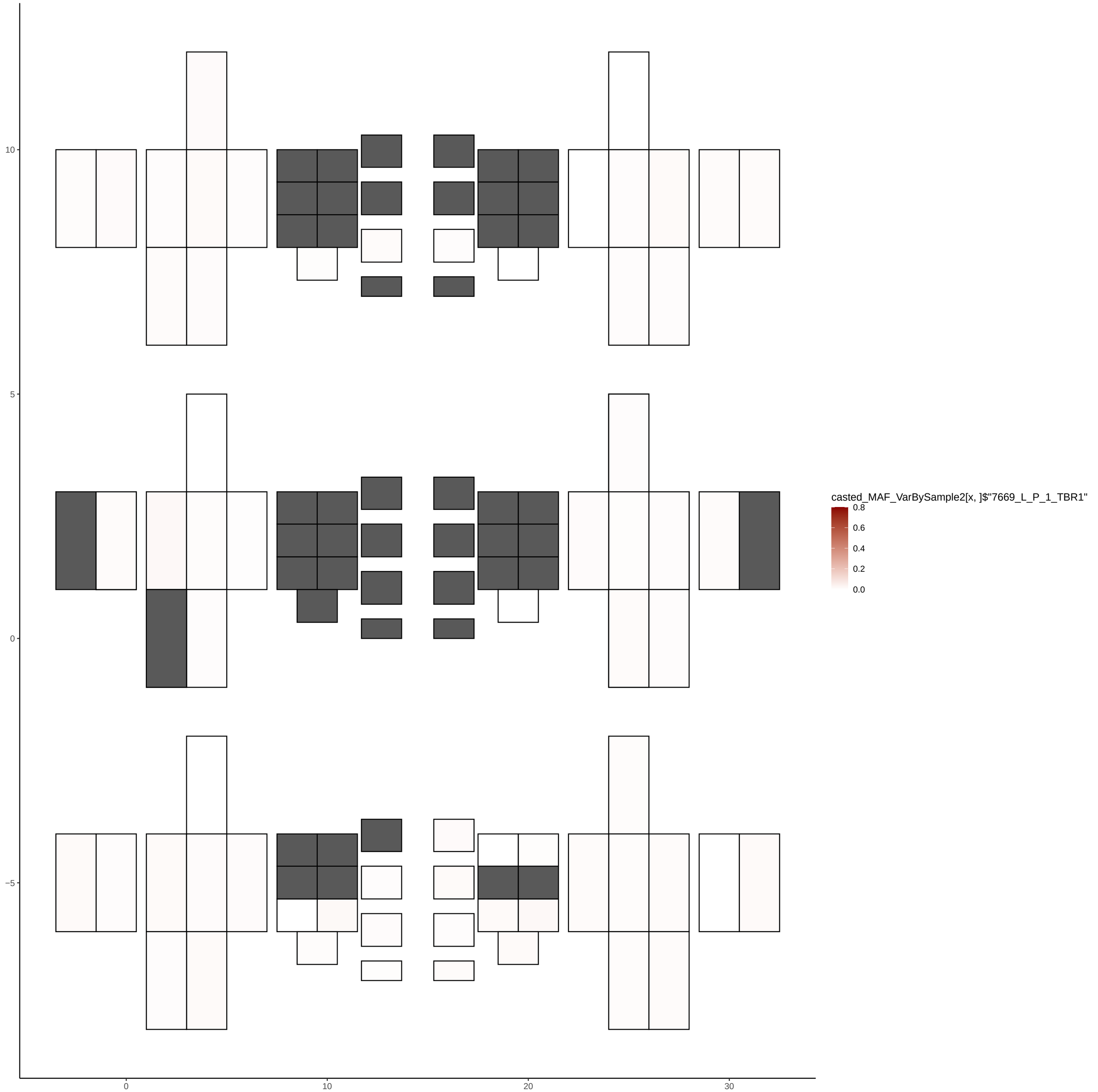

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

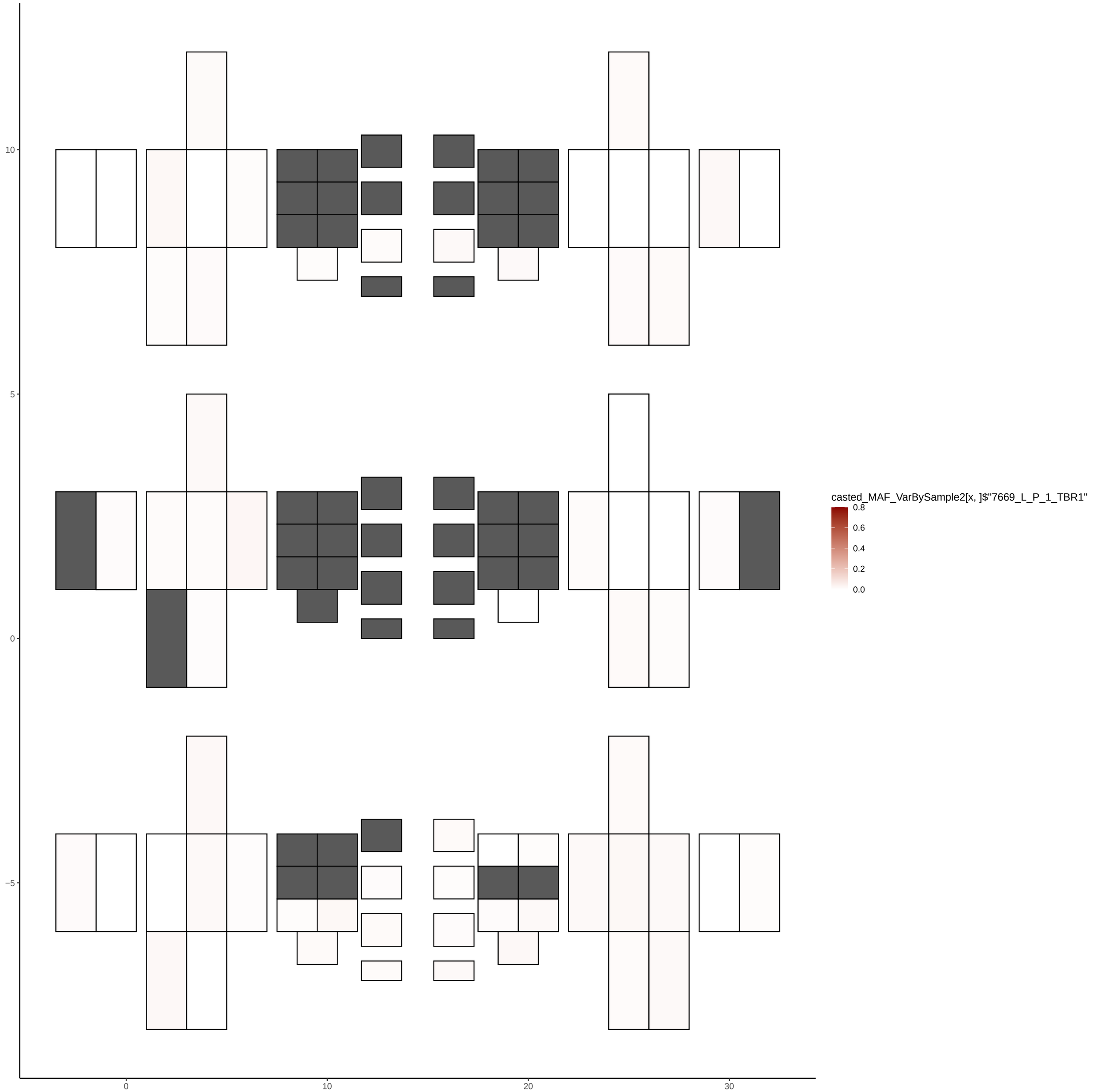

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

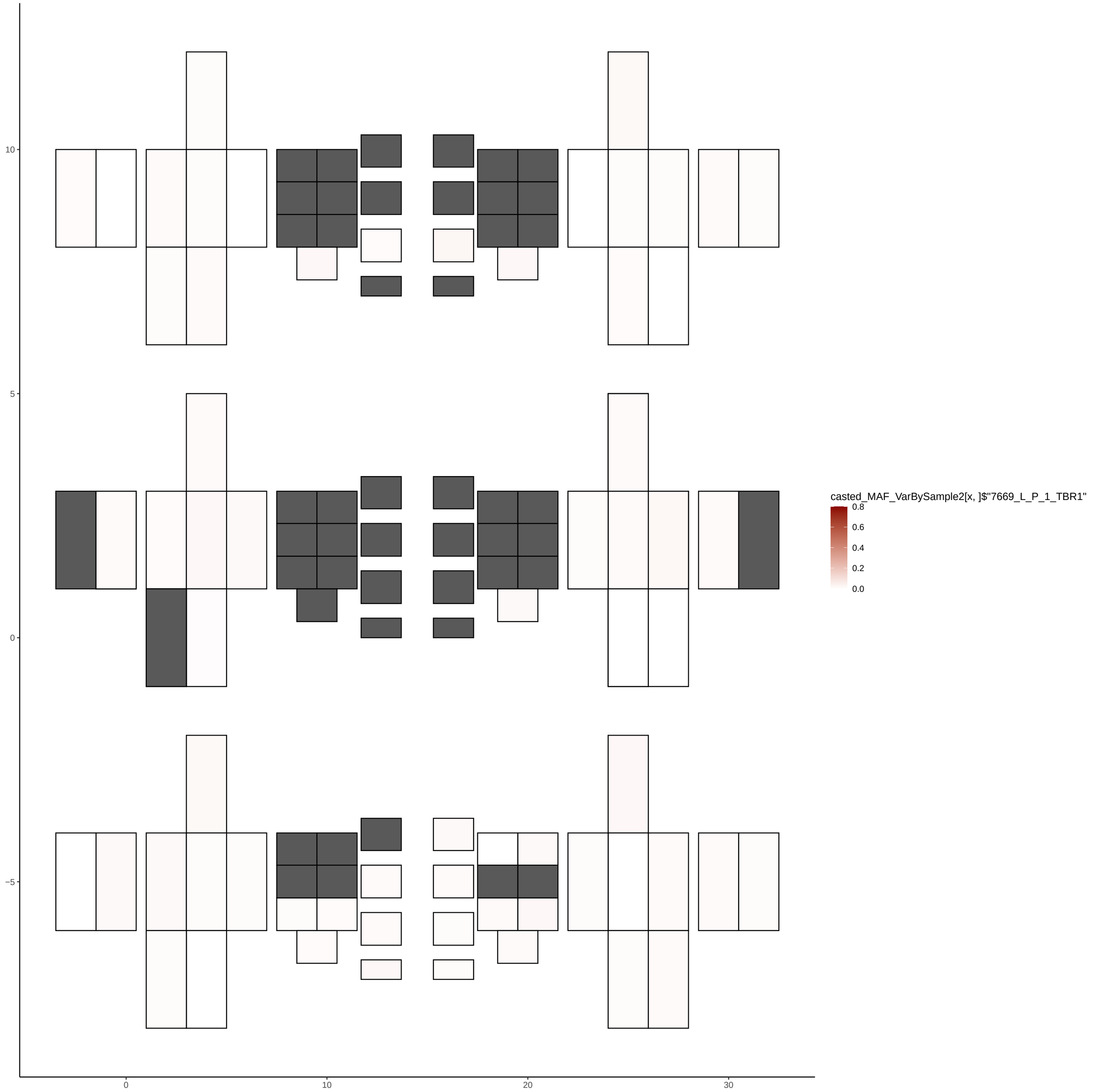

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

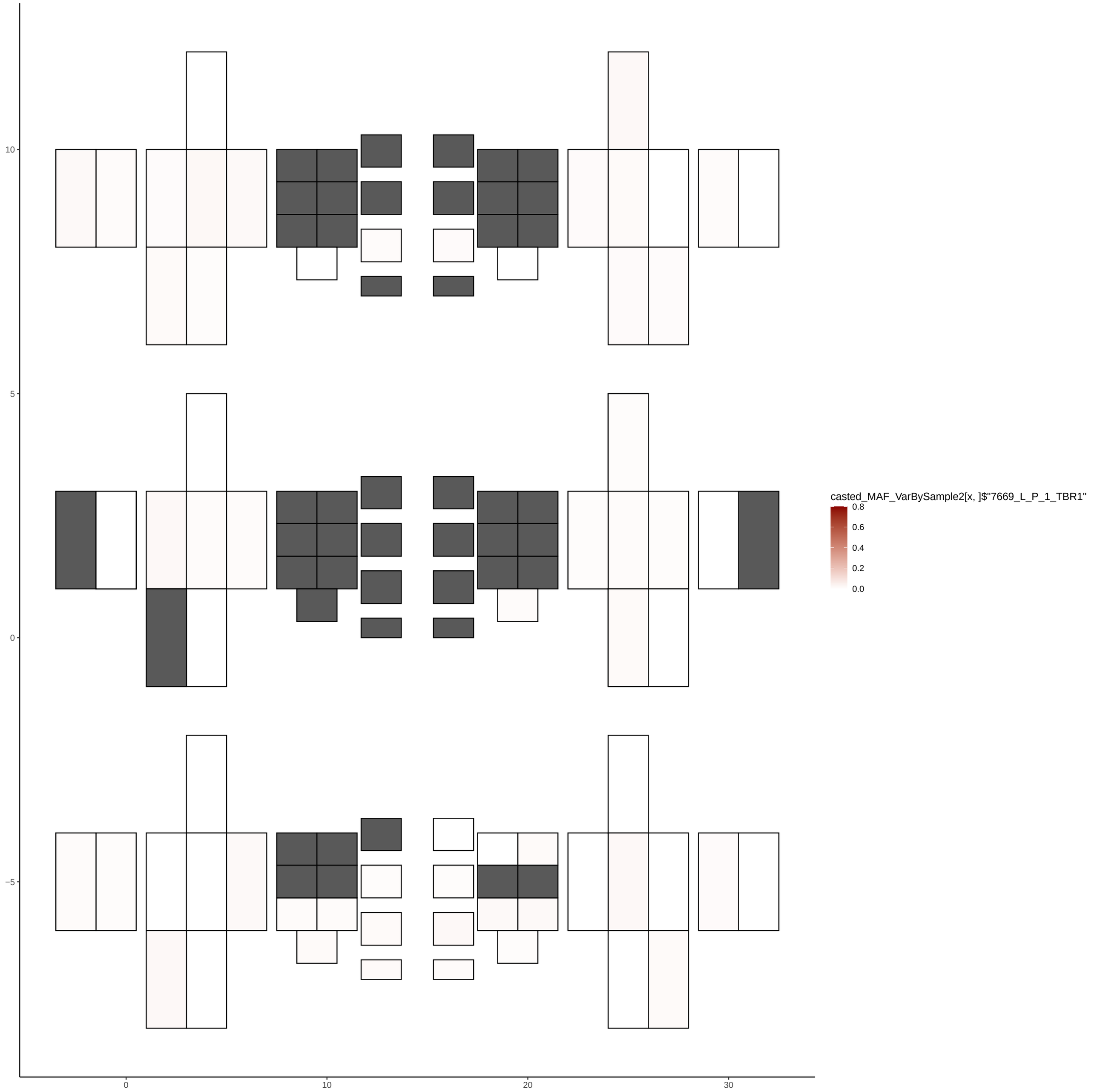

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

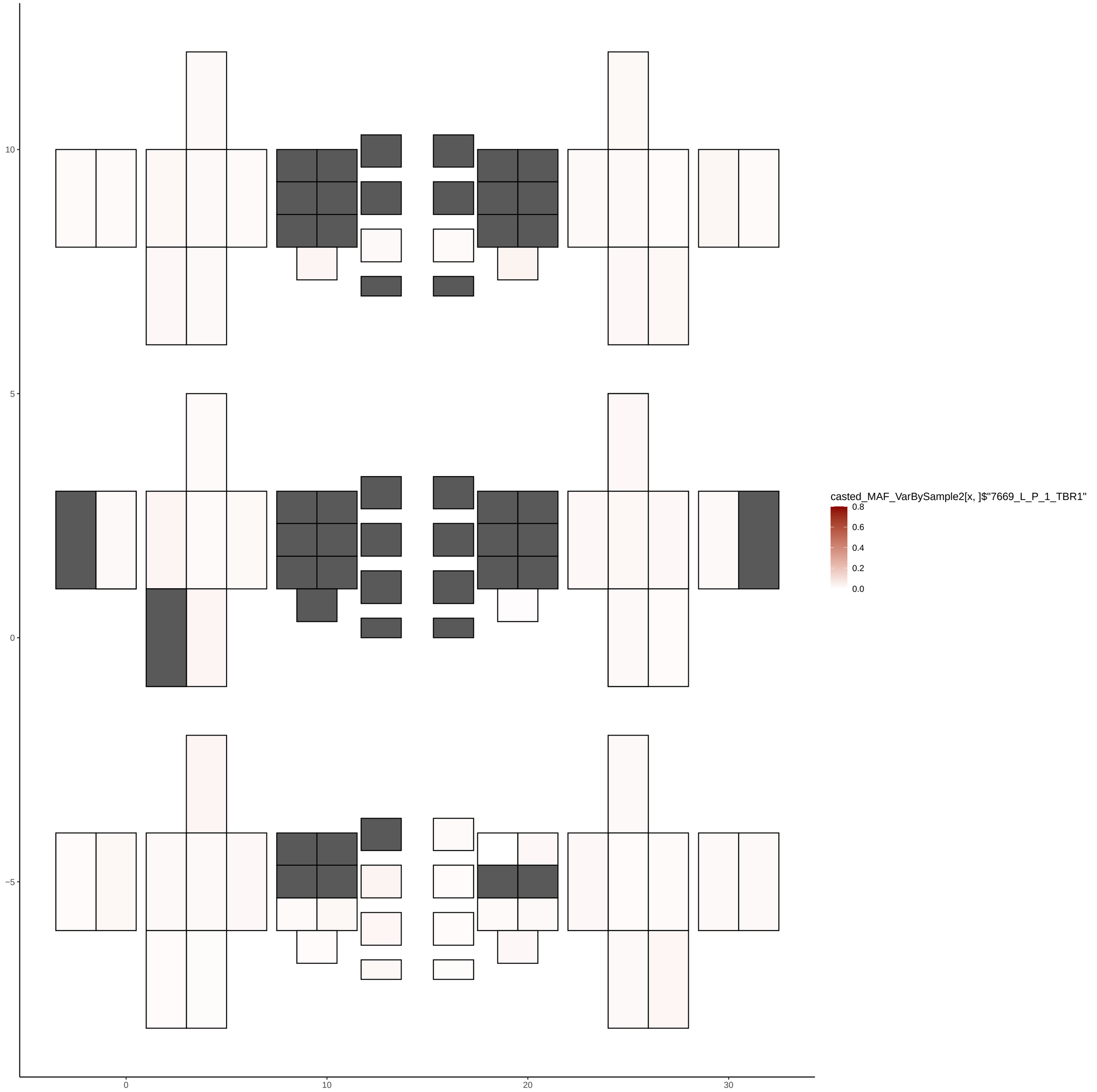

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

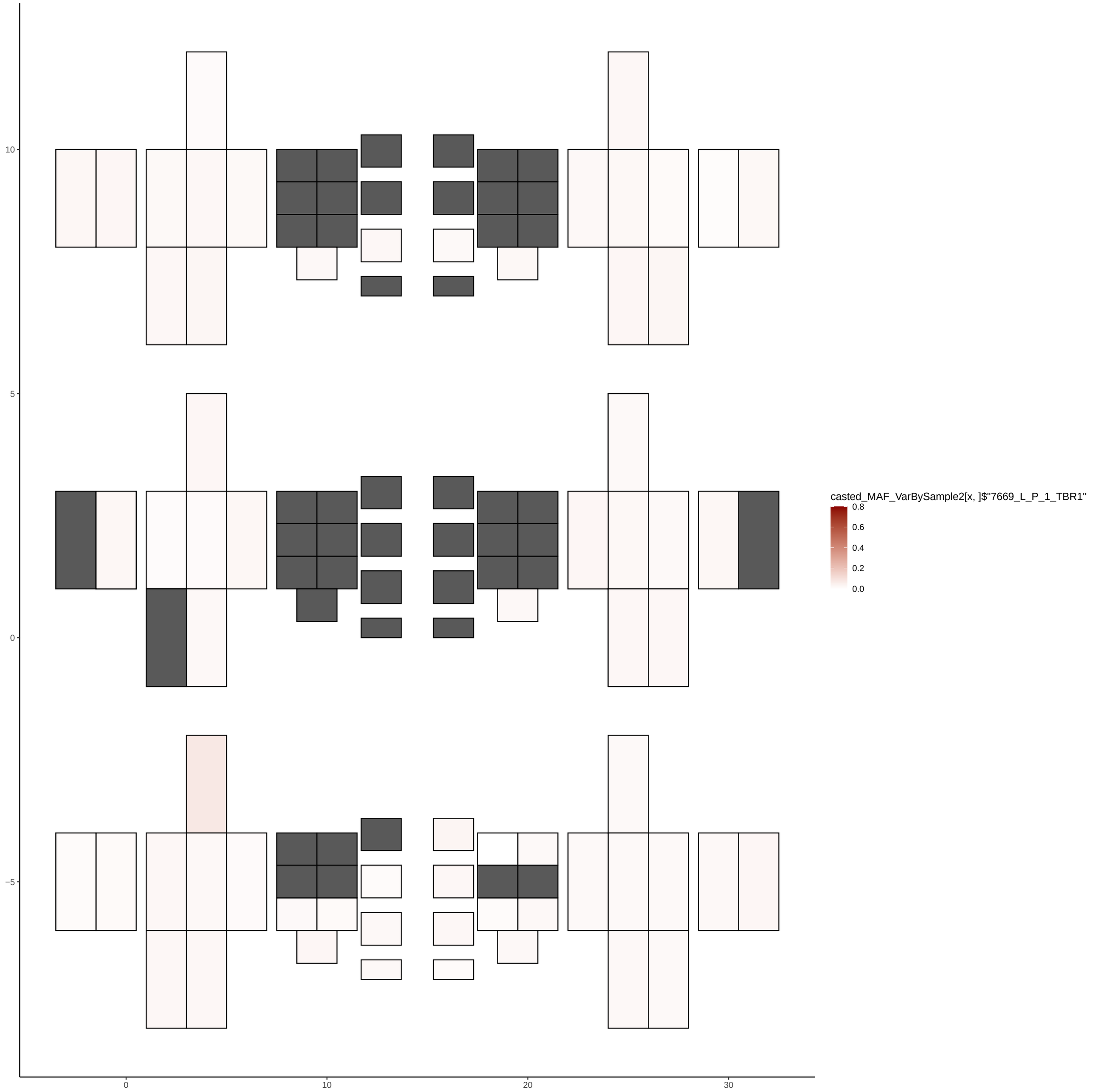

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

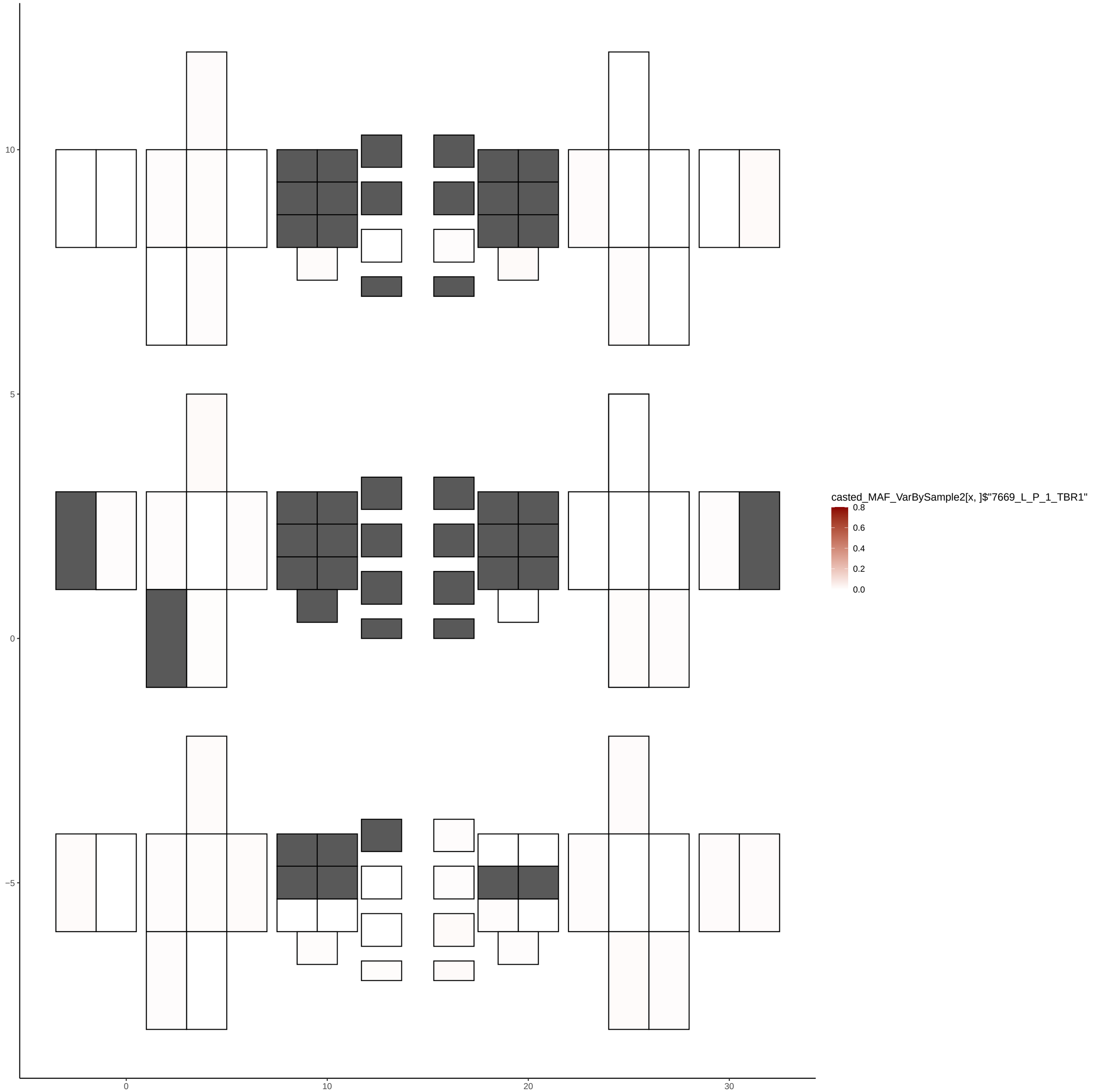

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

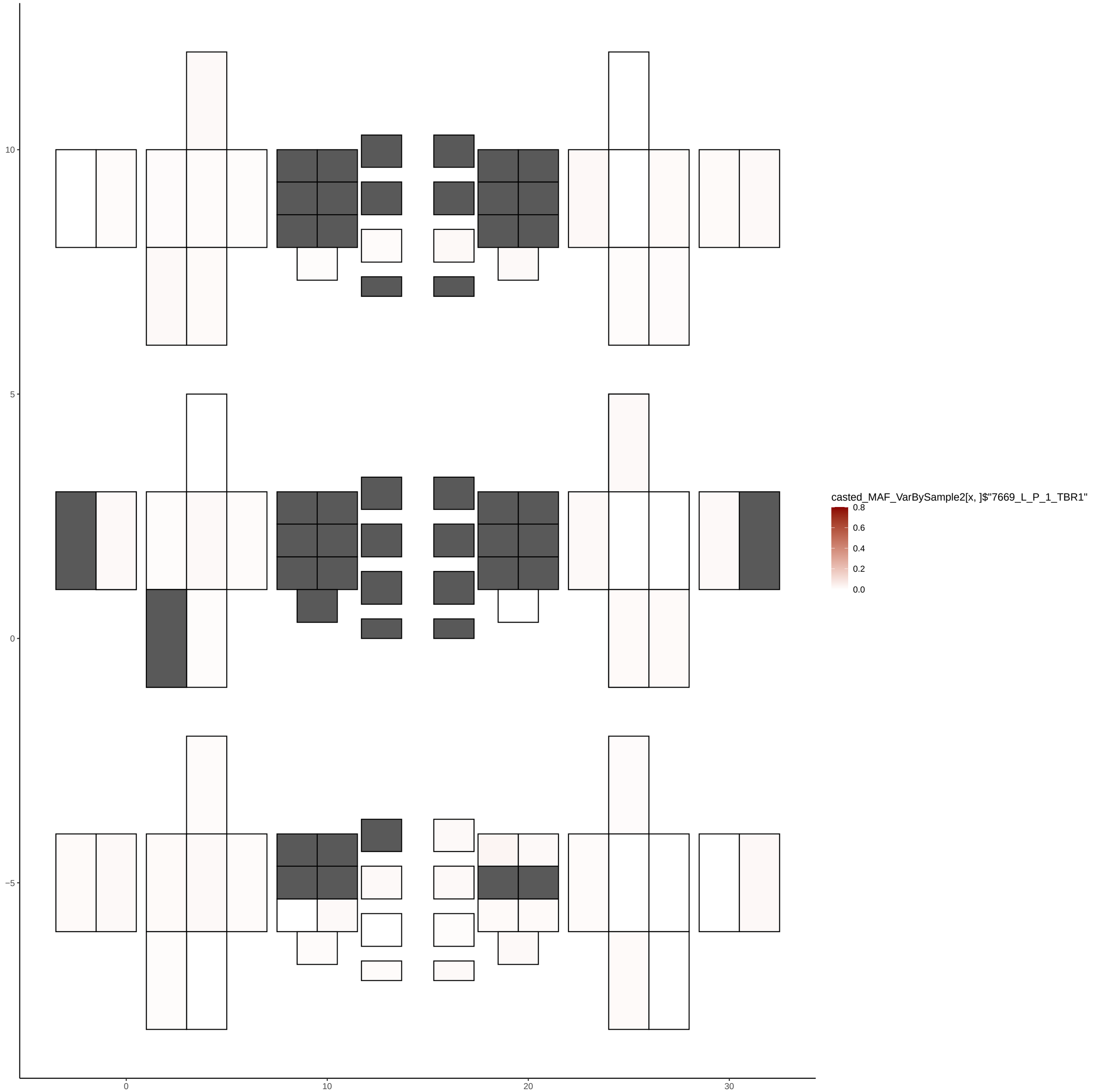

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

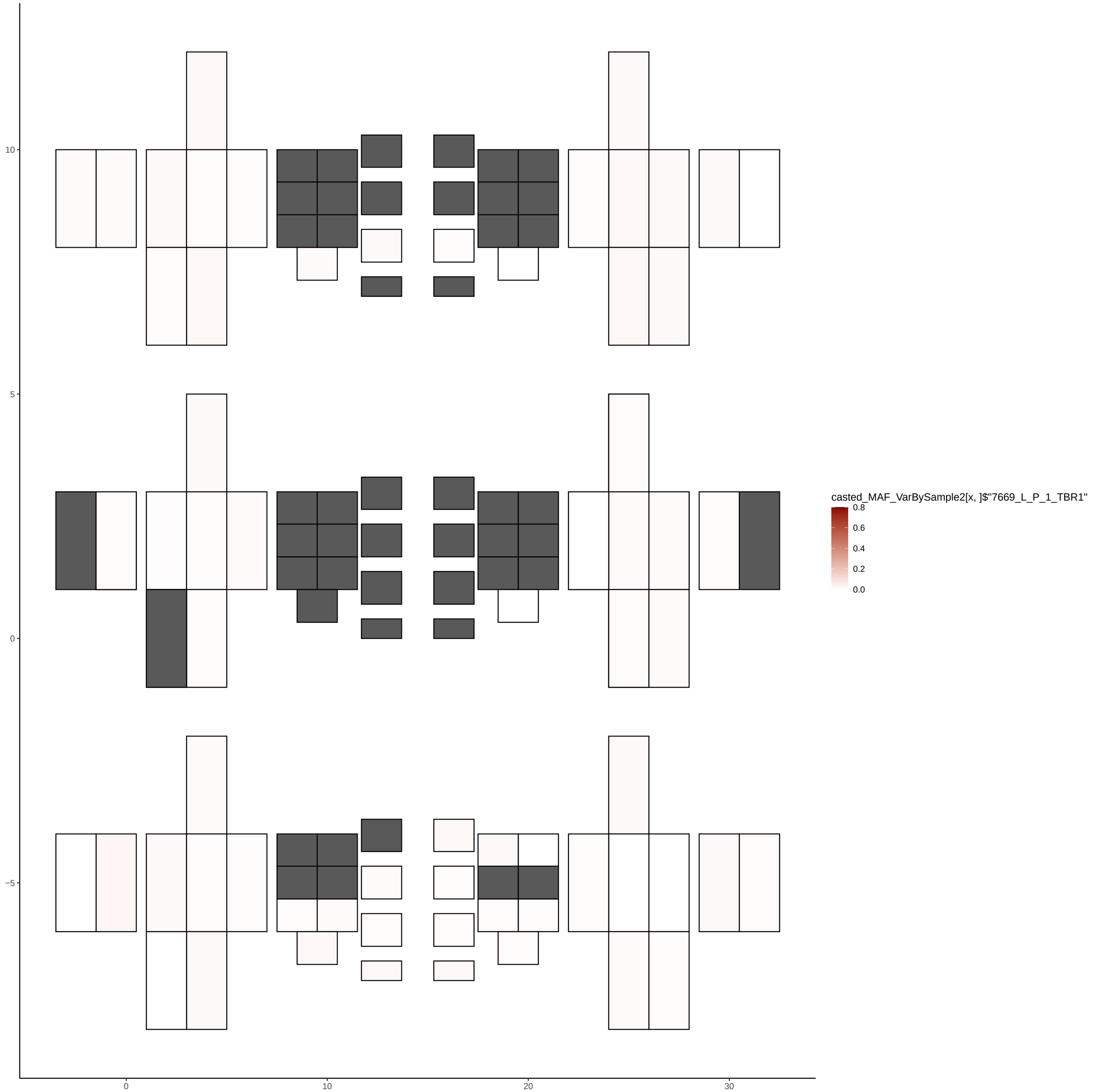

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

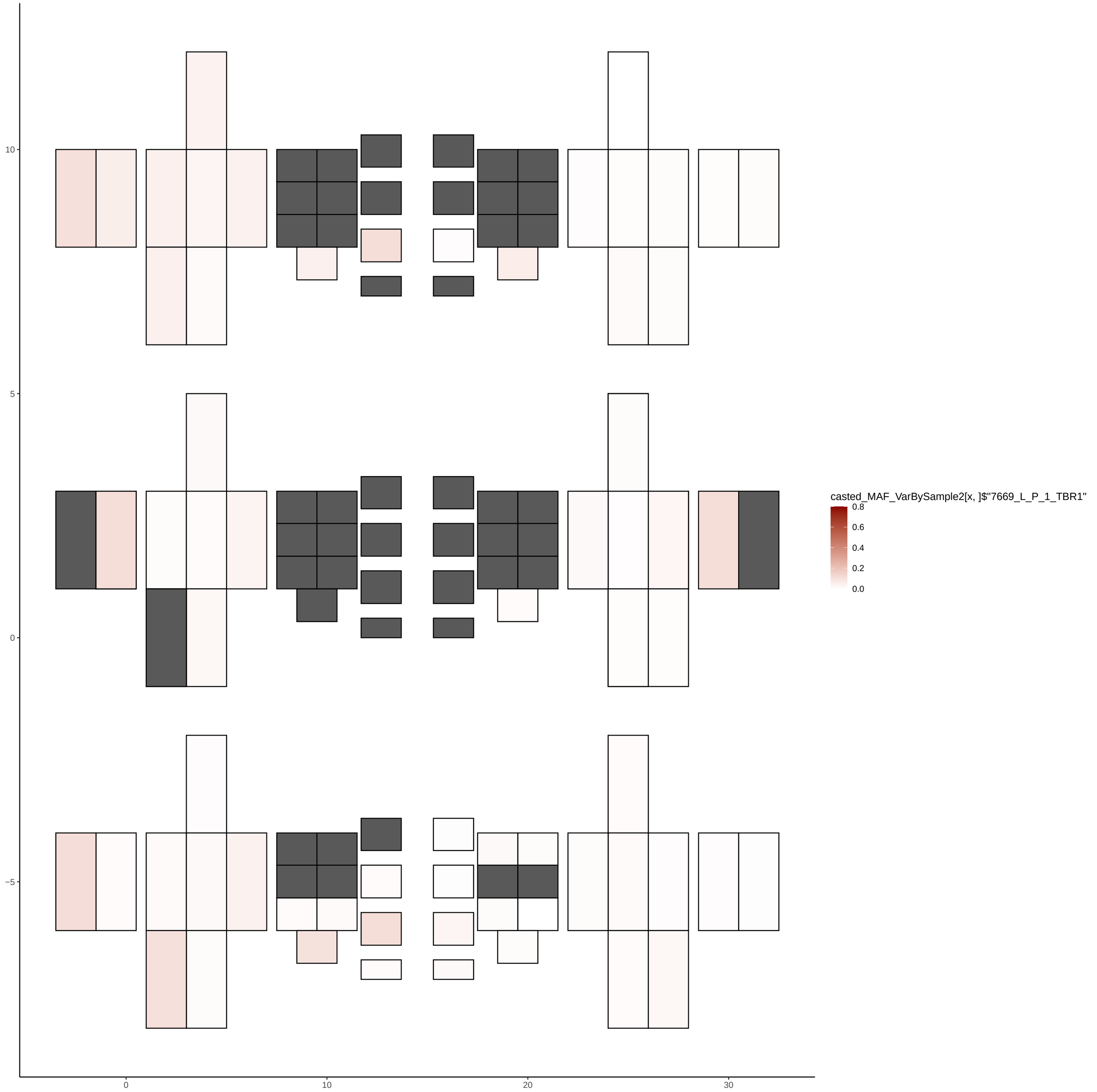

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

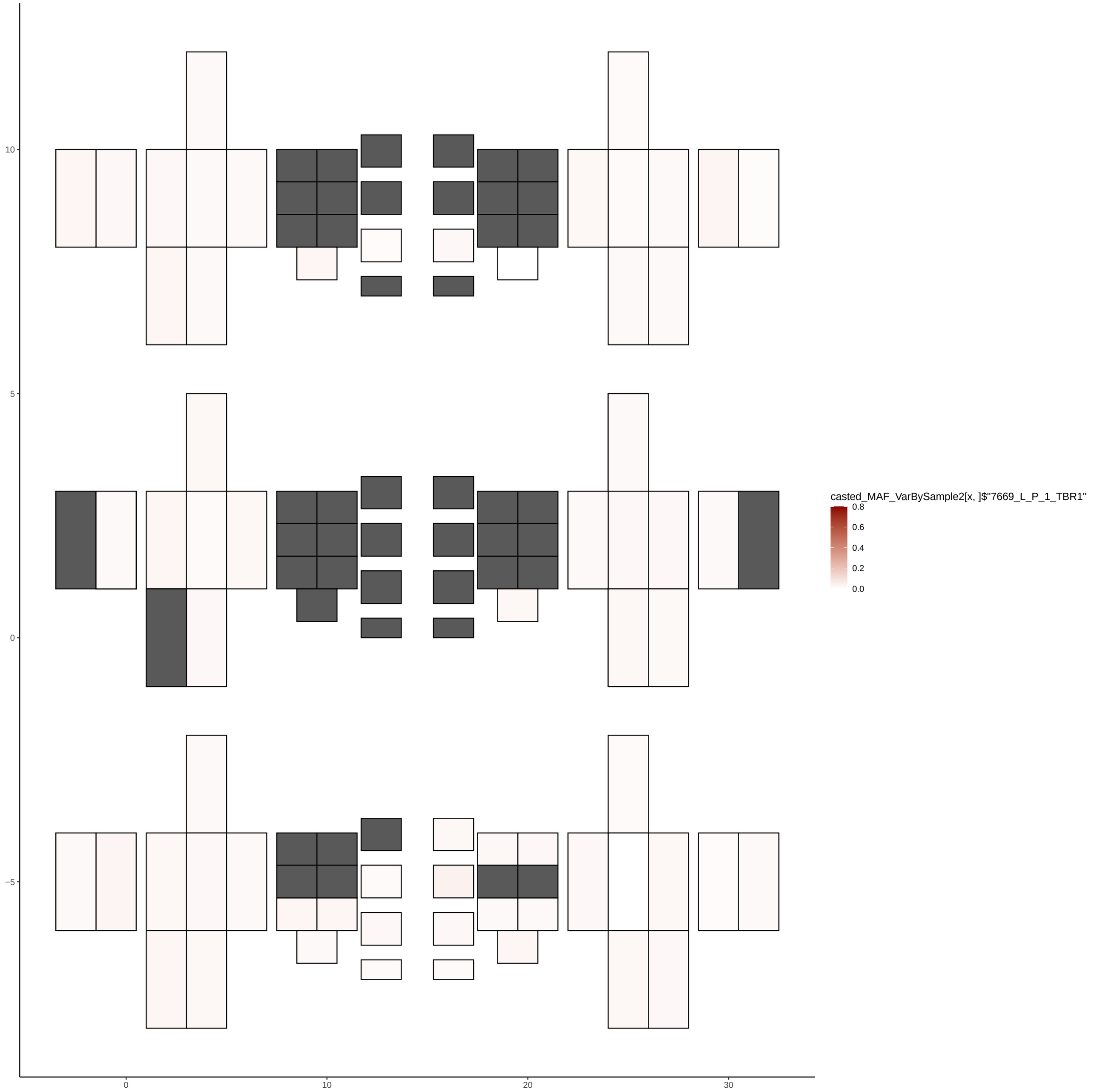

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

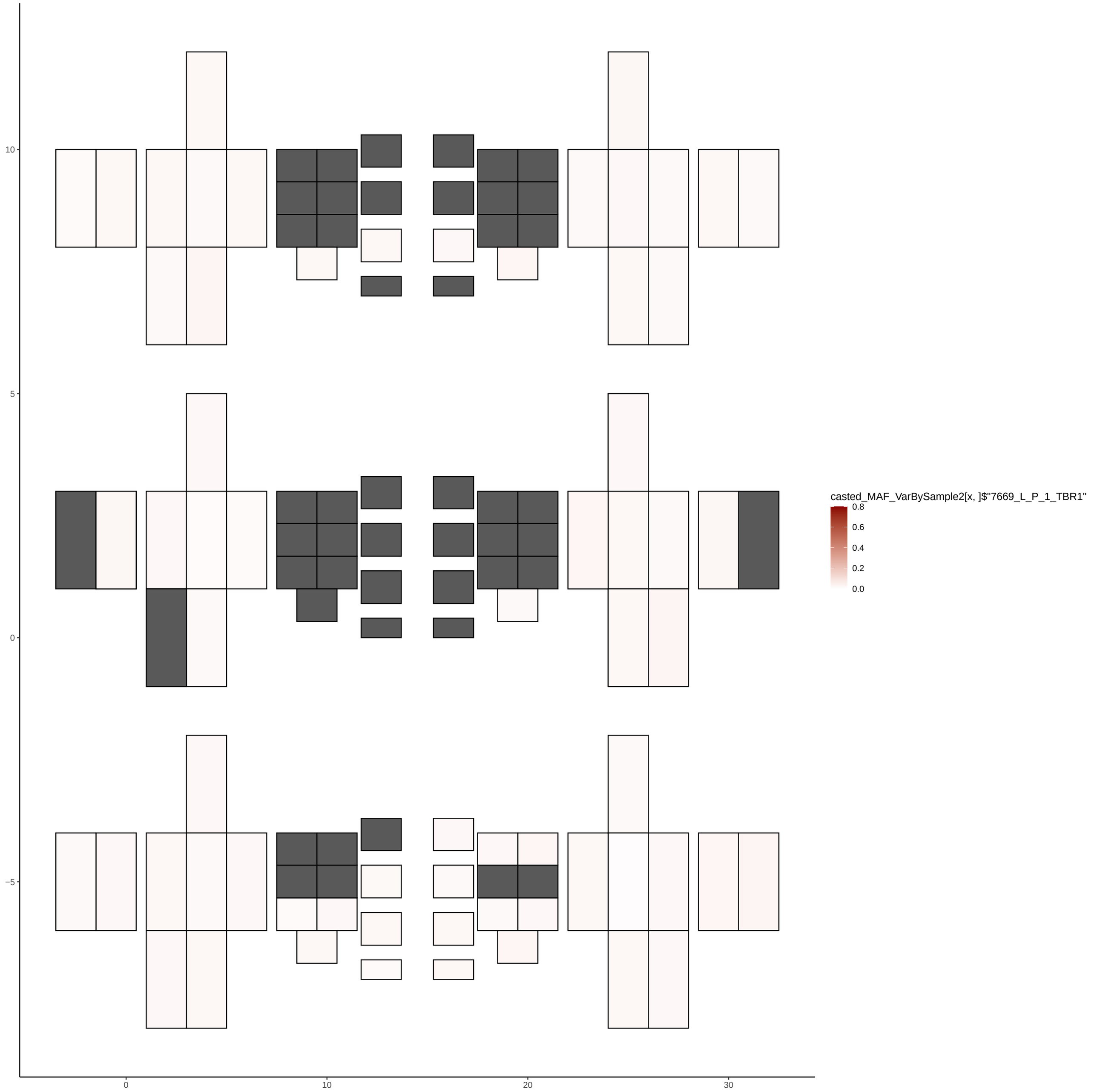

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

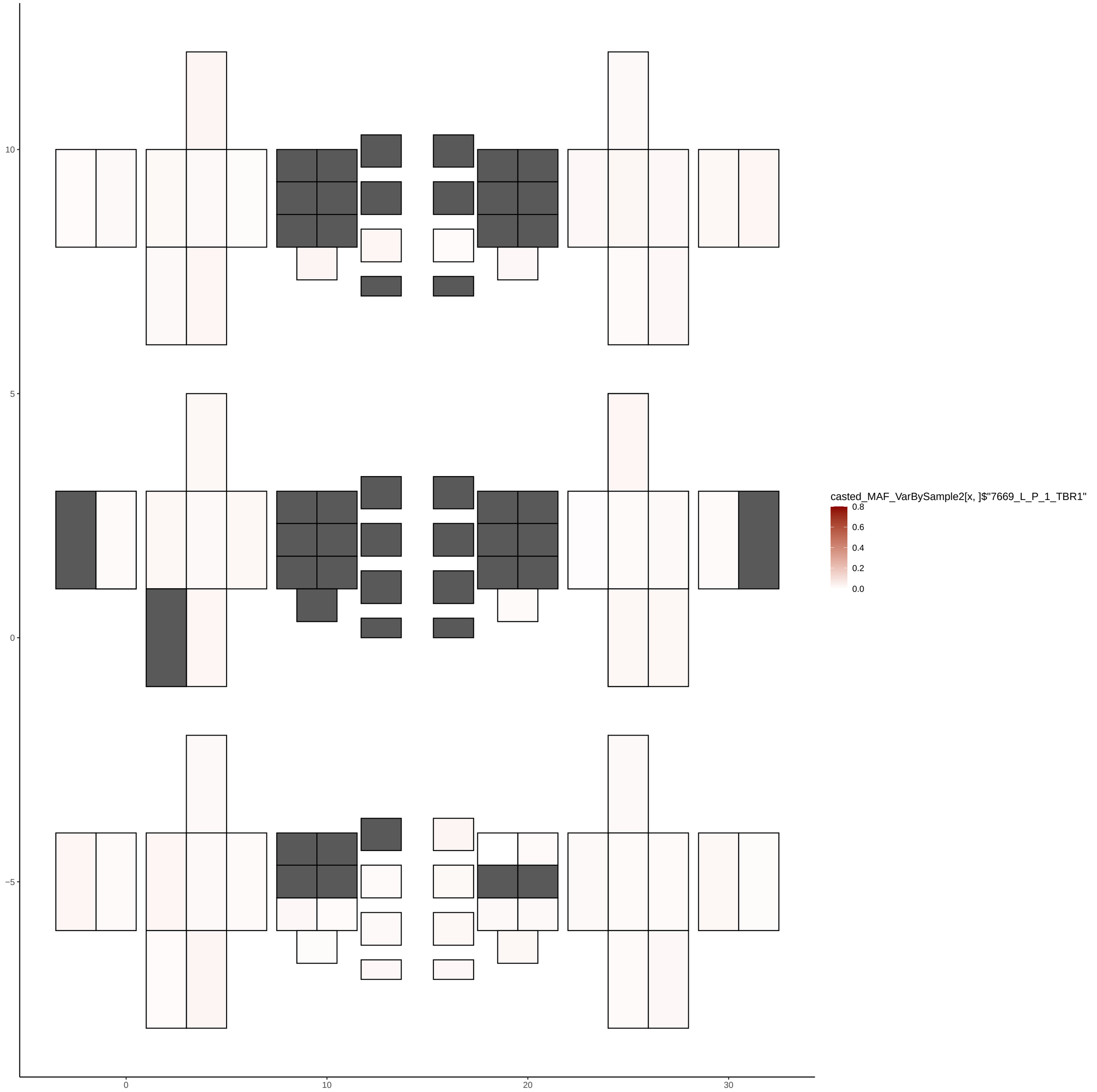

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

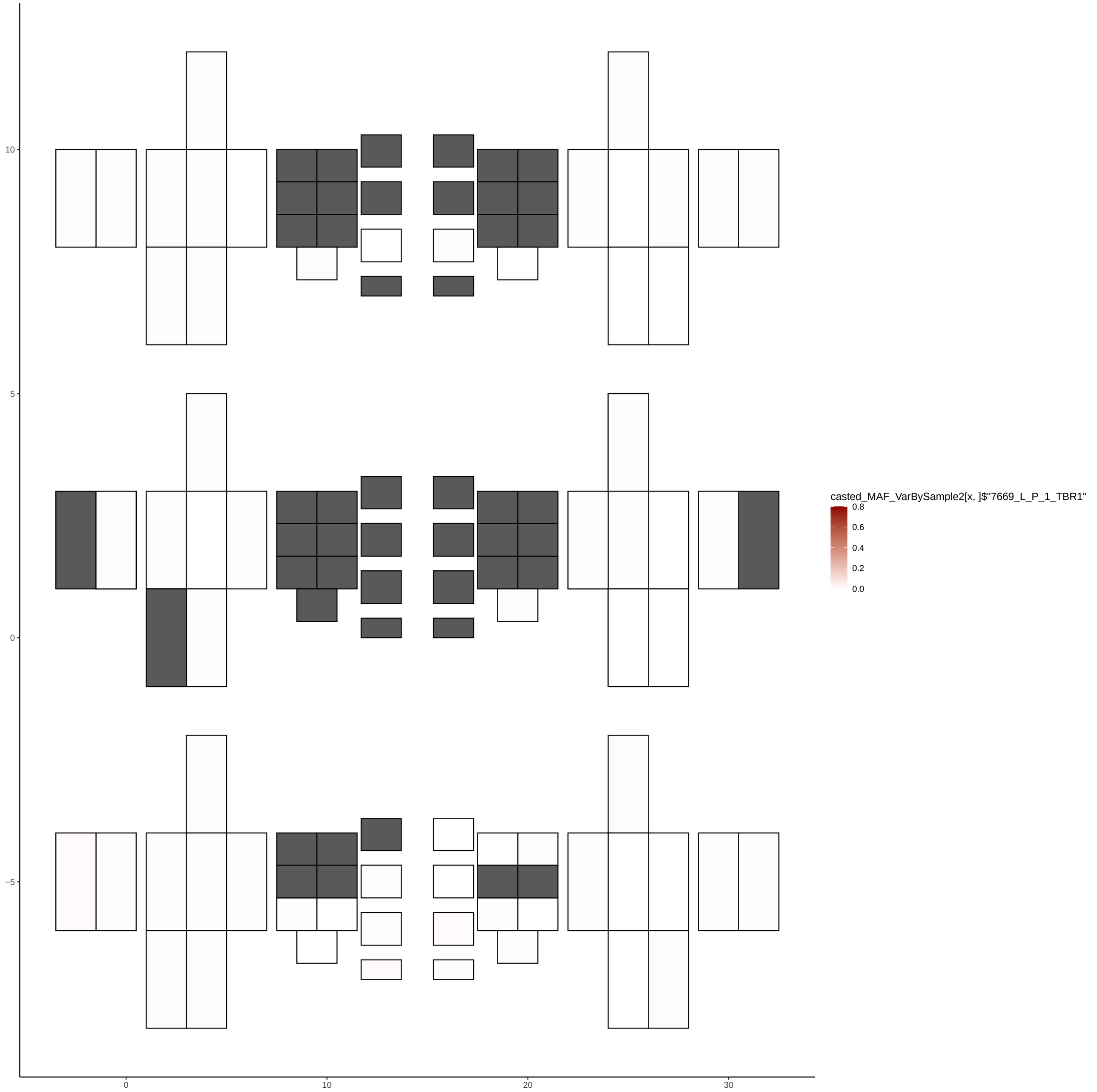

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

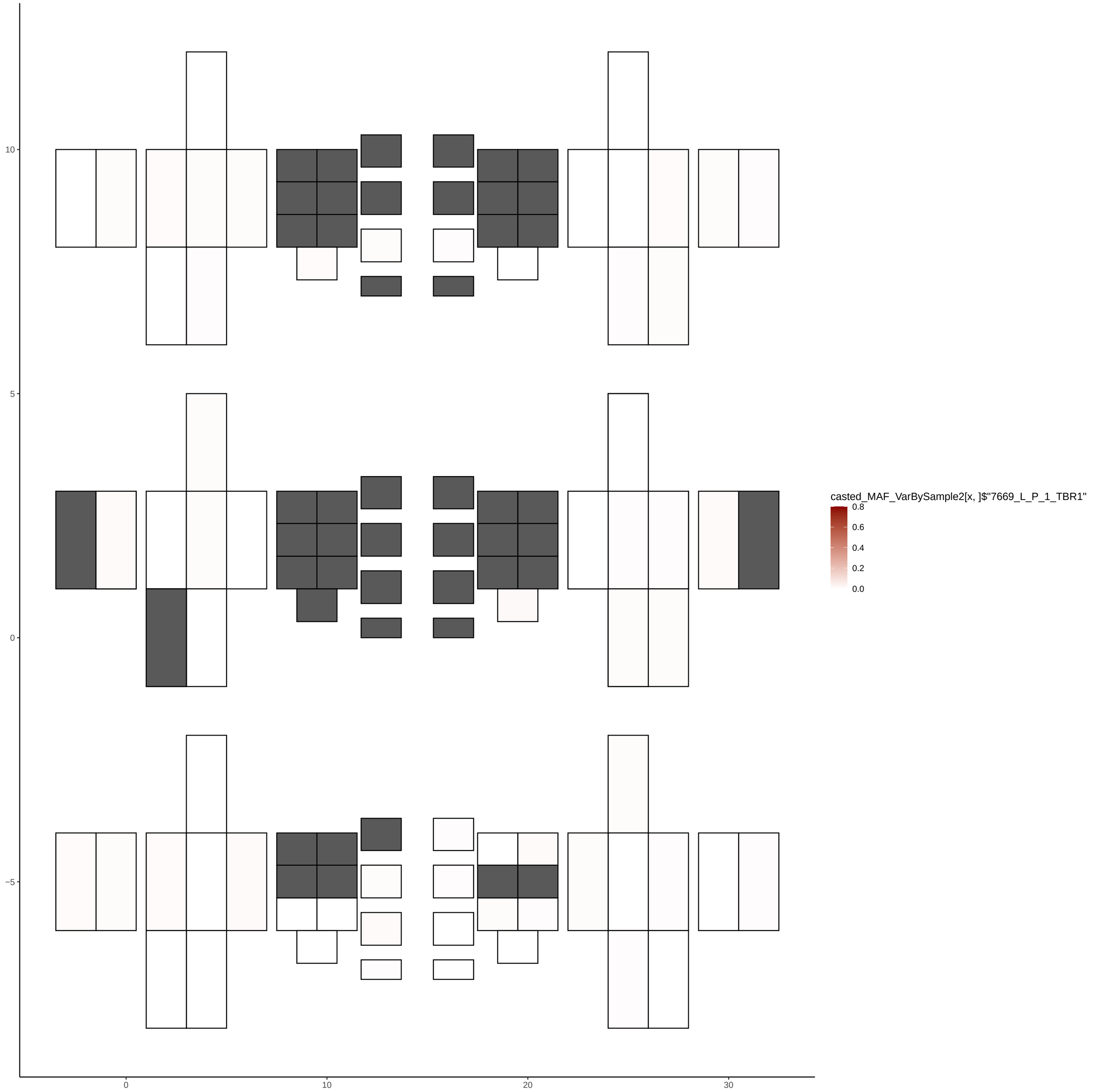

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

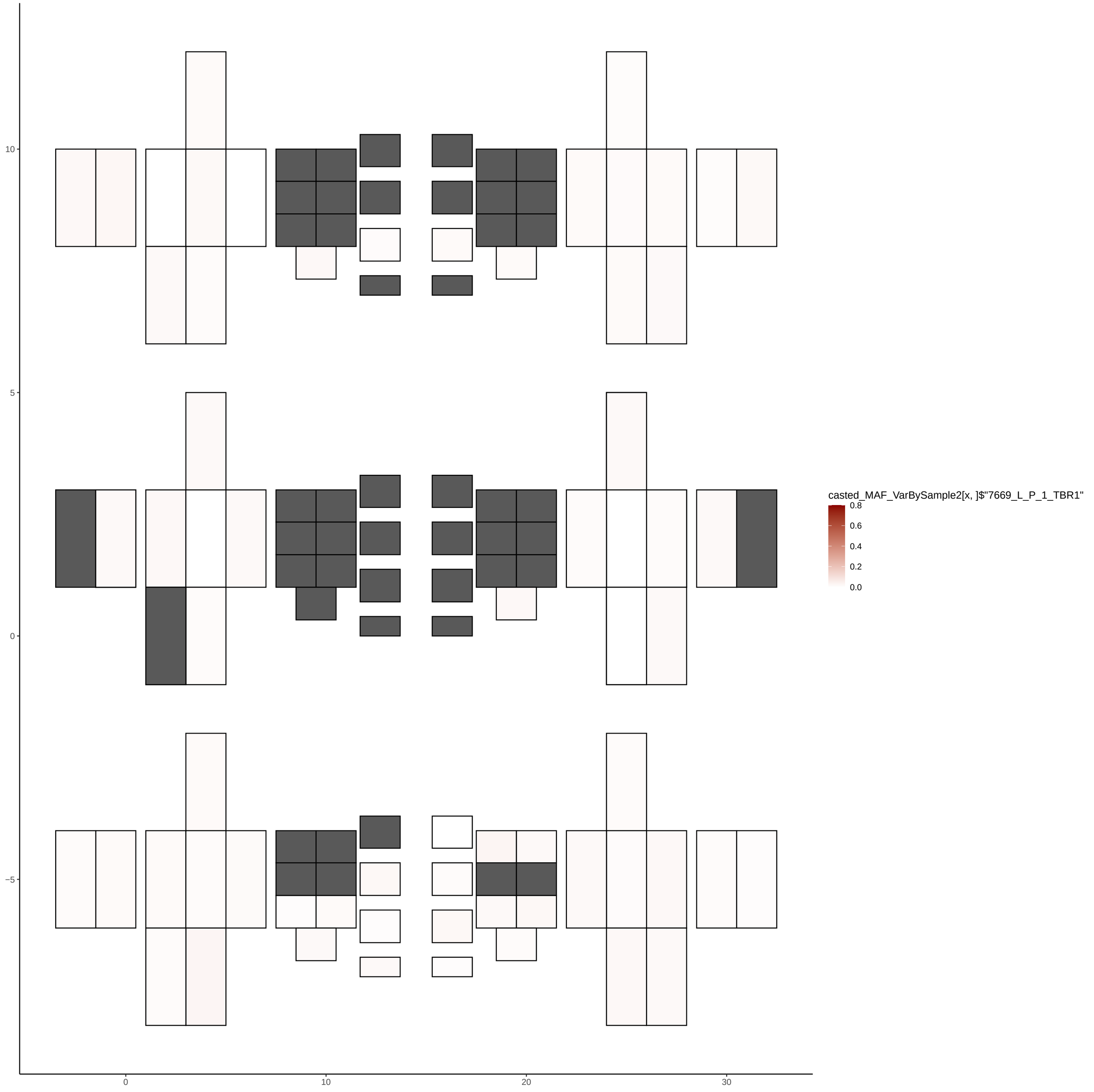

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

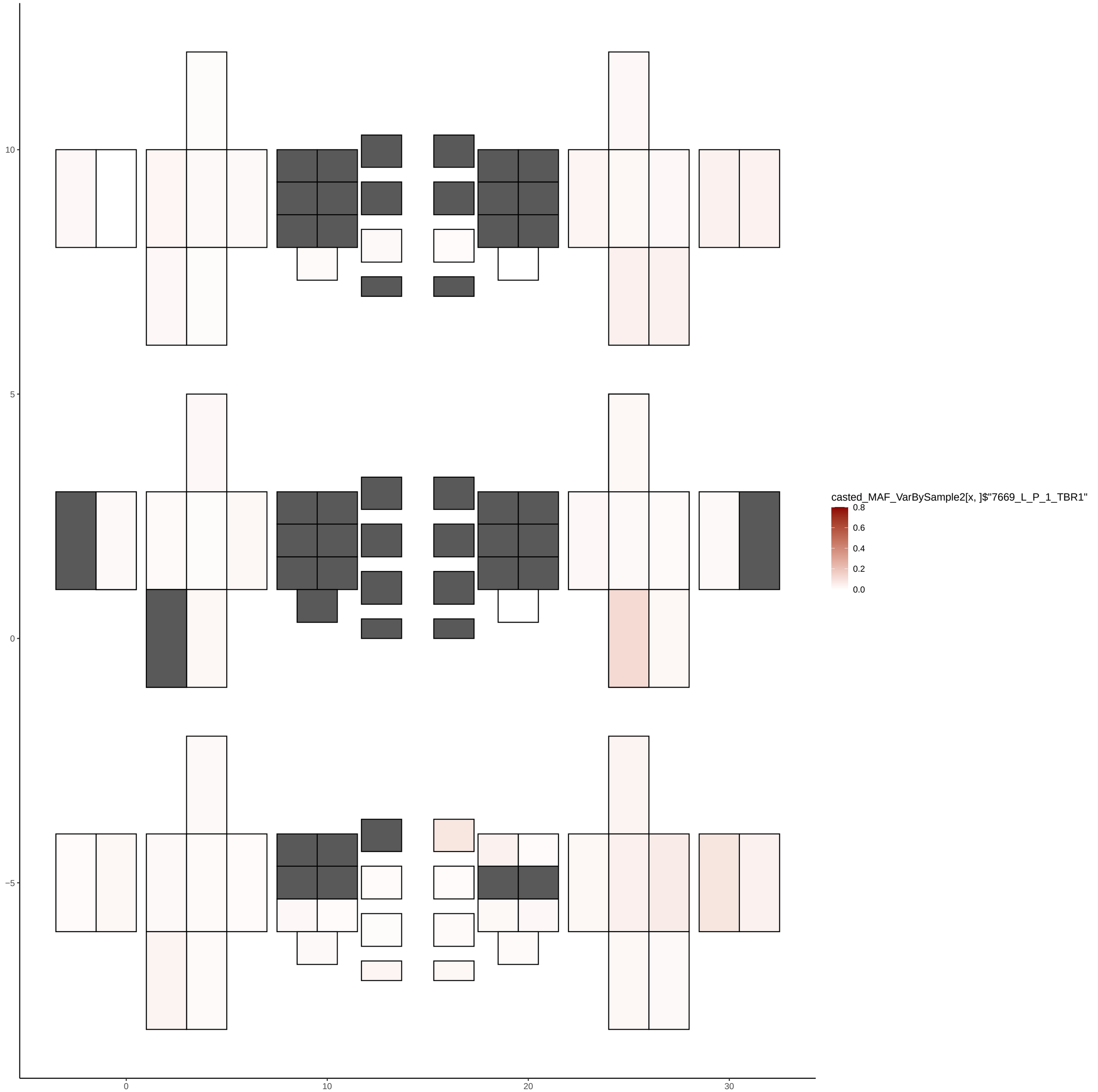

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

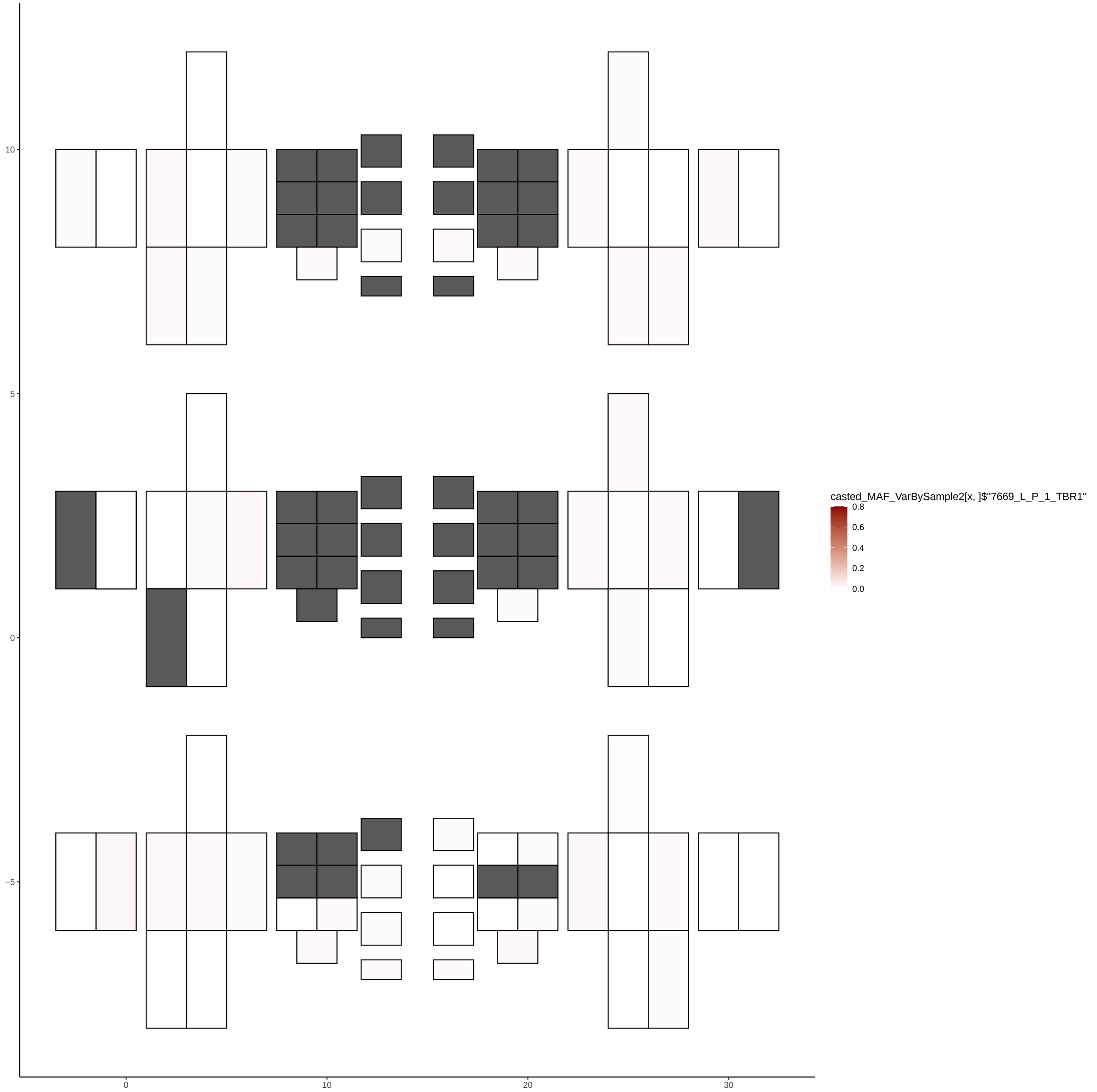

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

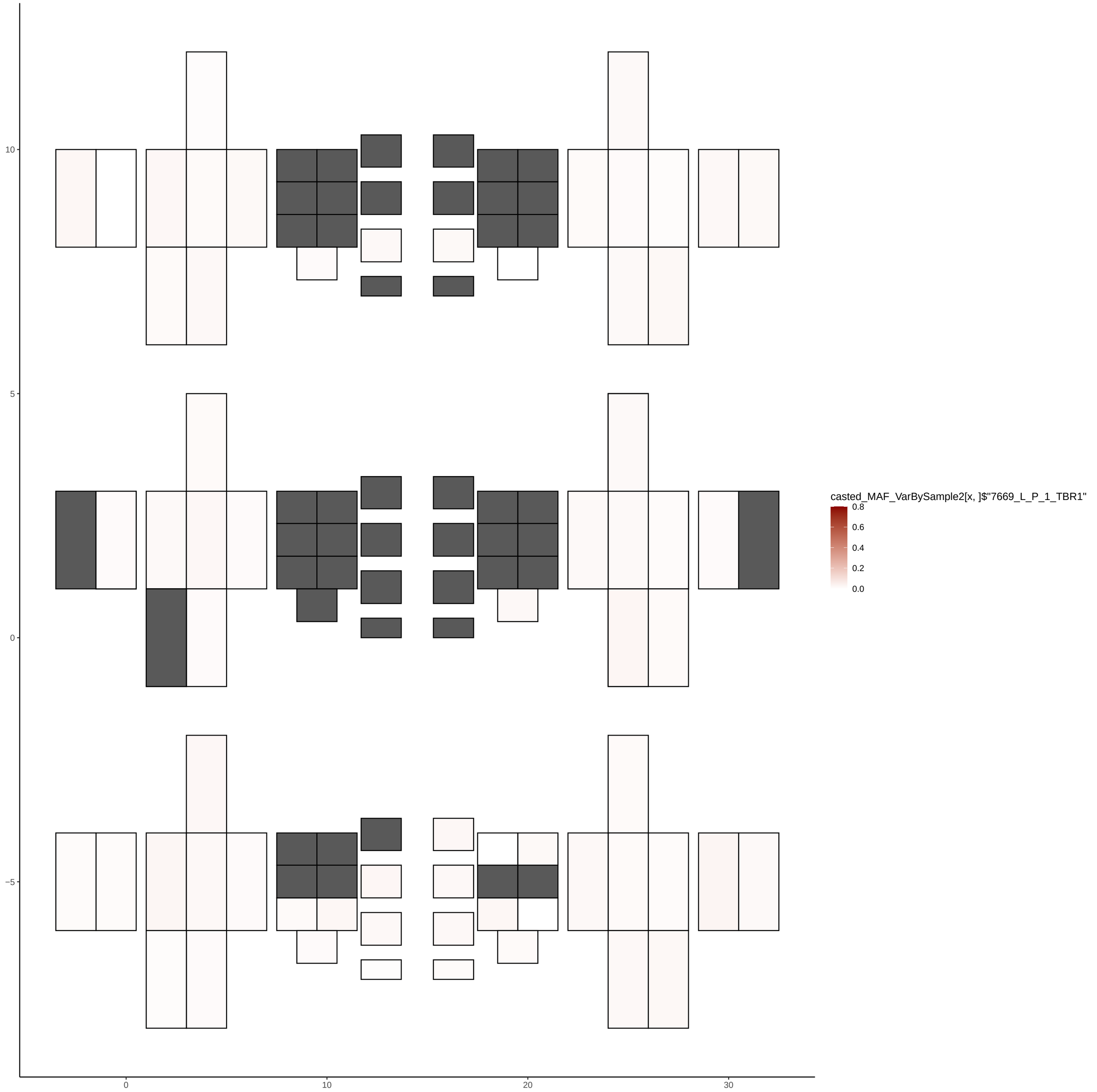

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

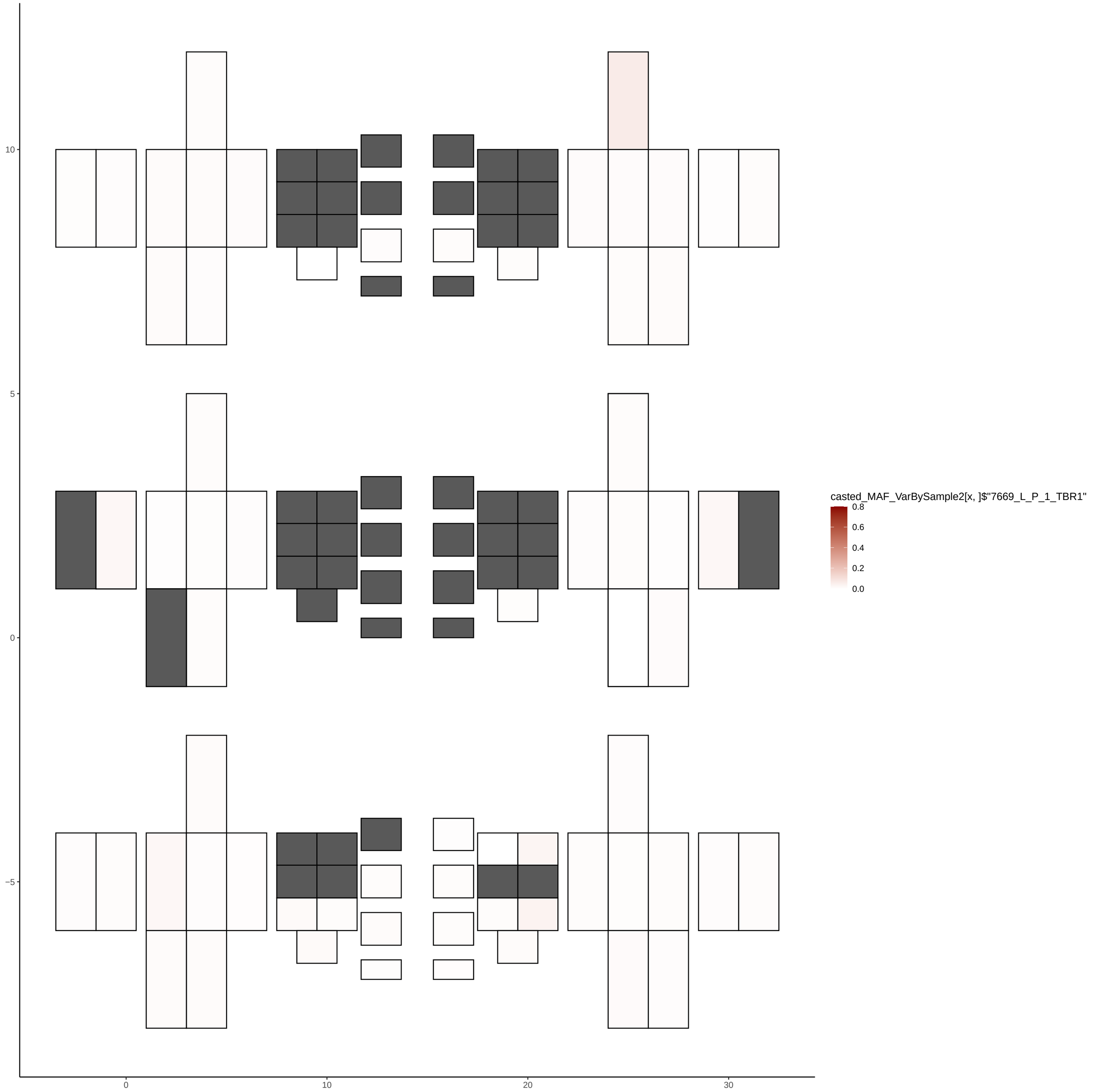

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

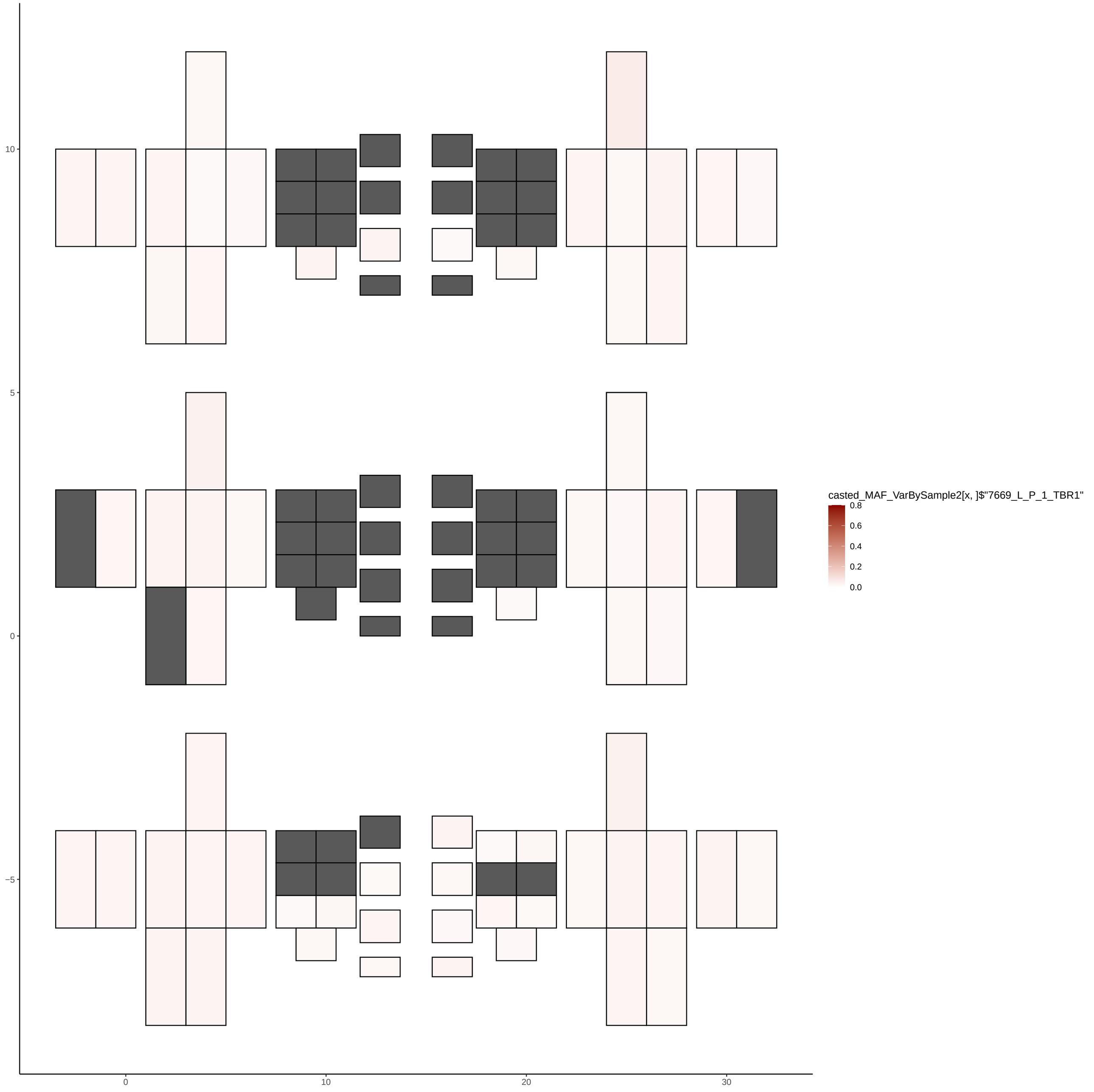

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

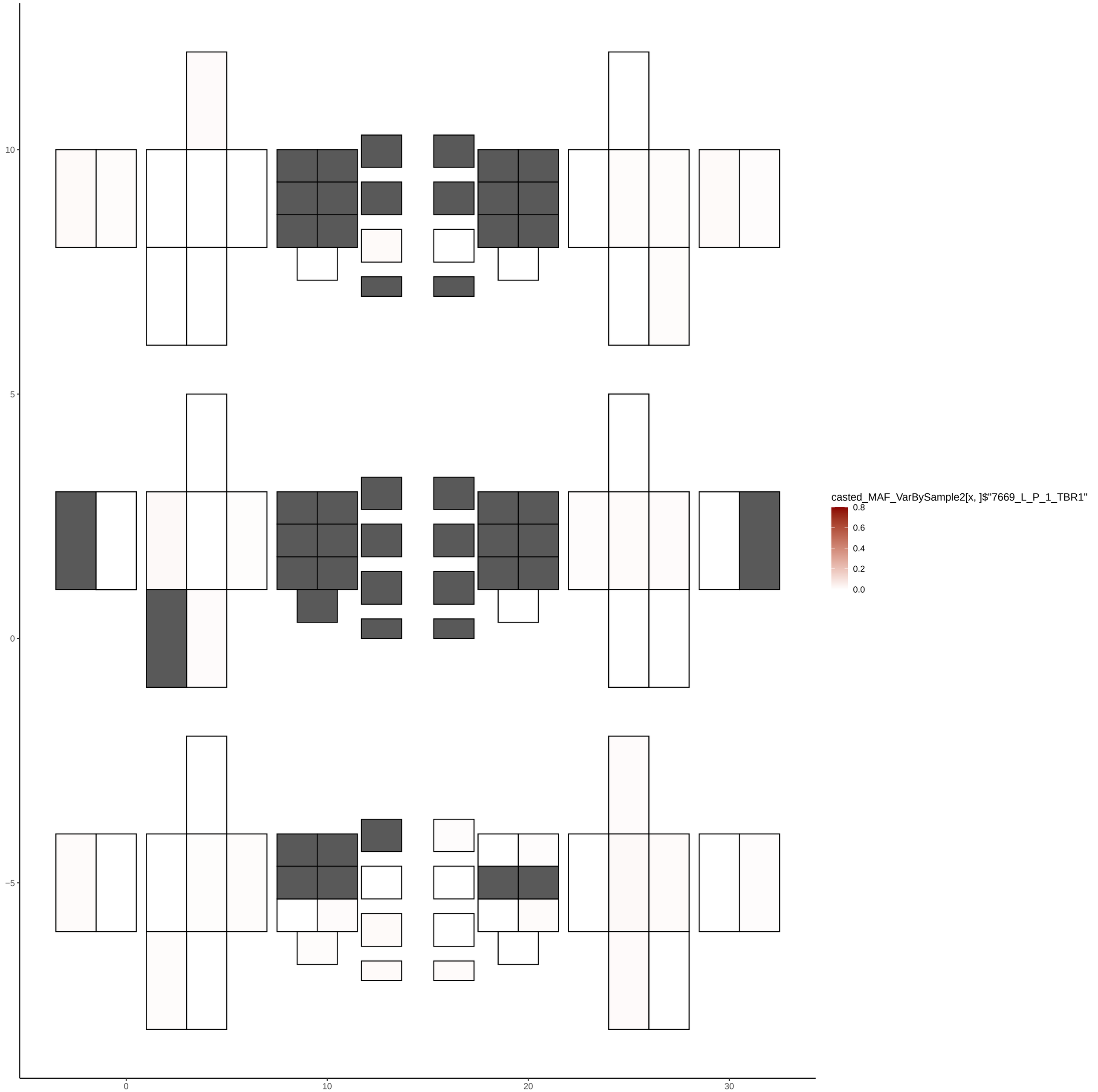

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

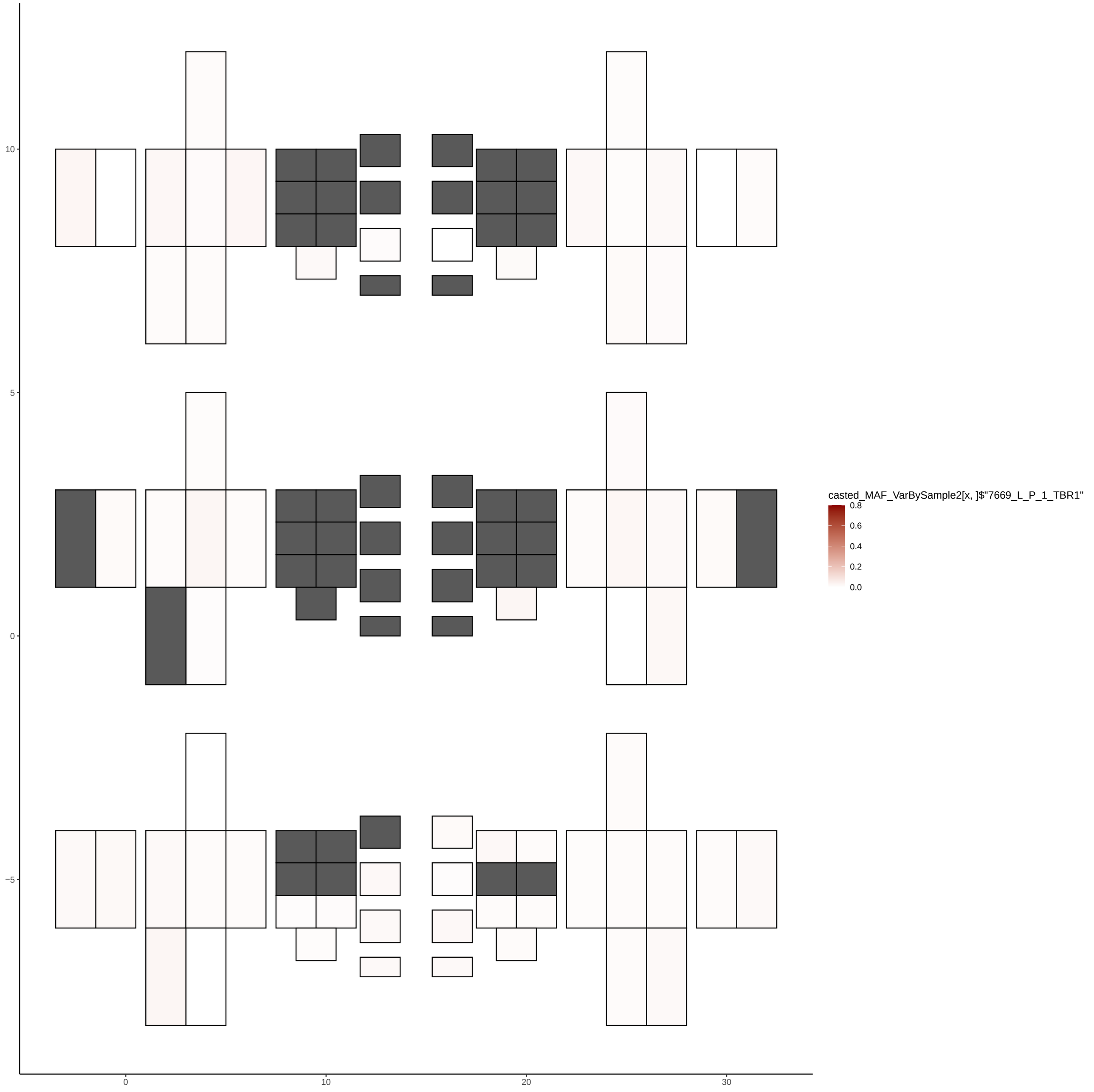

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

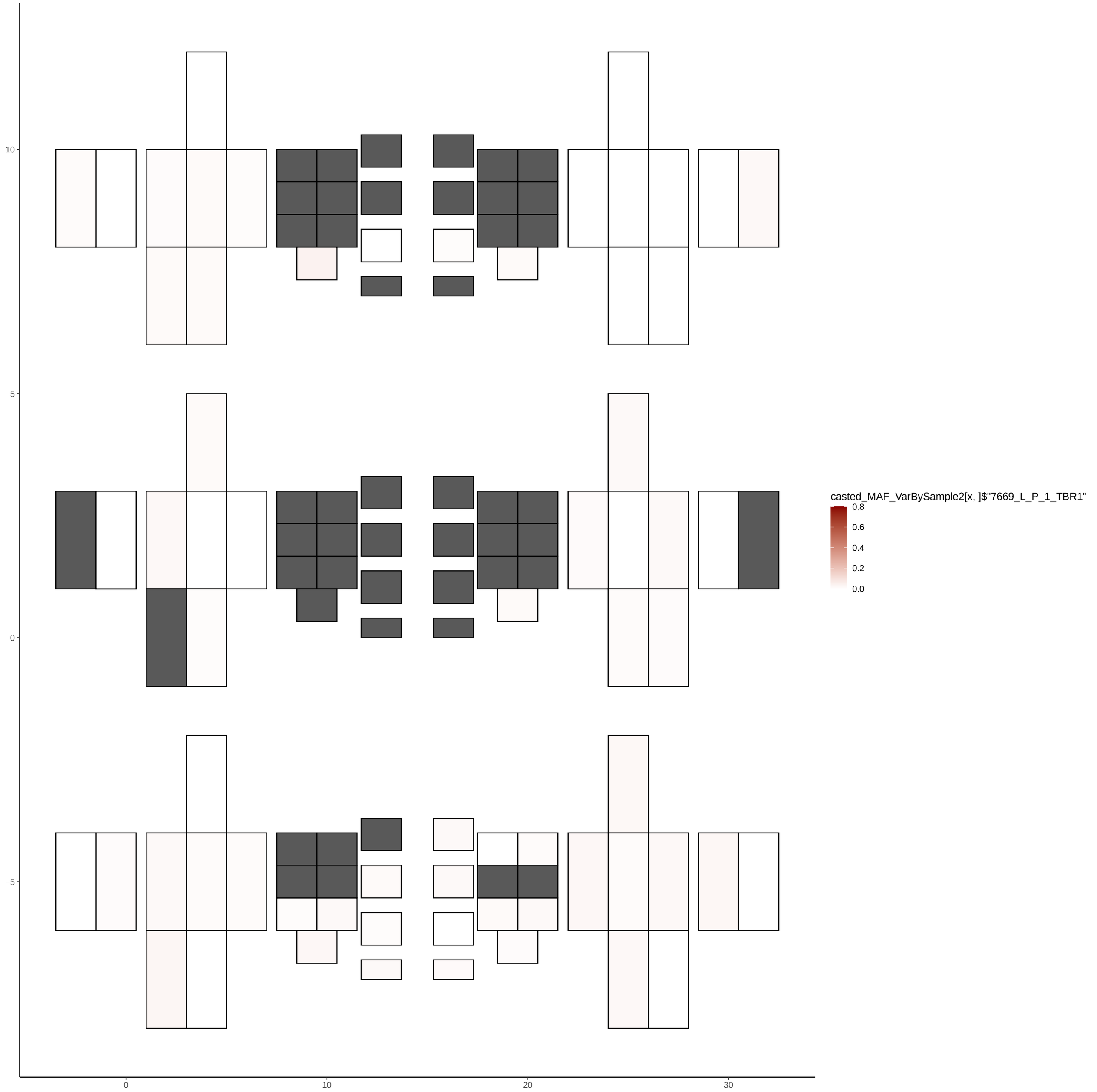

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

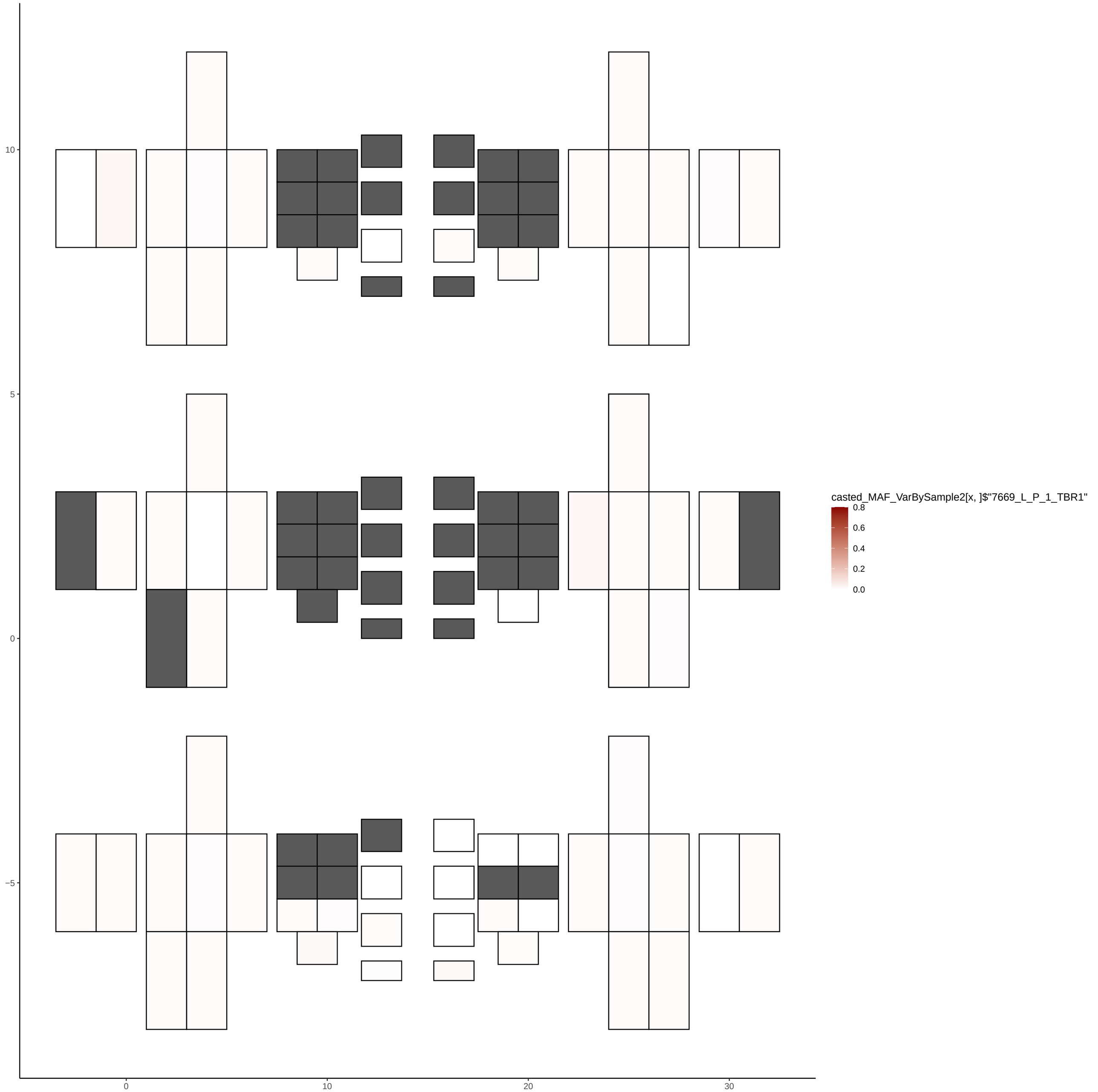

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30

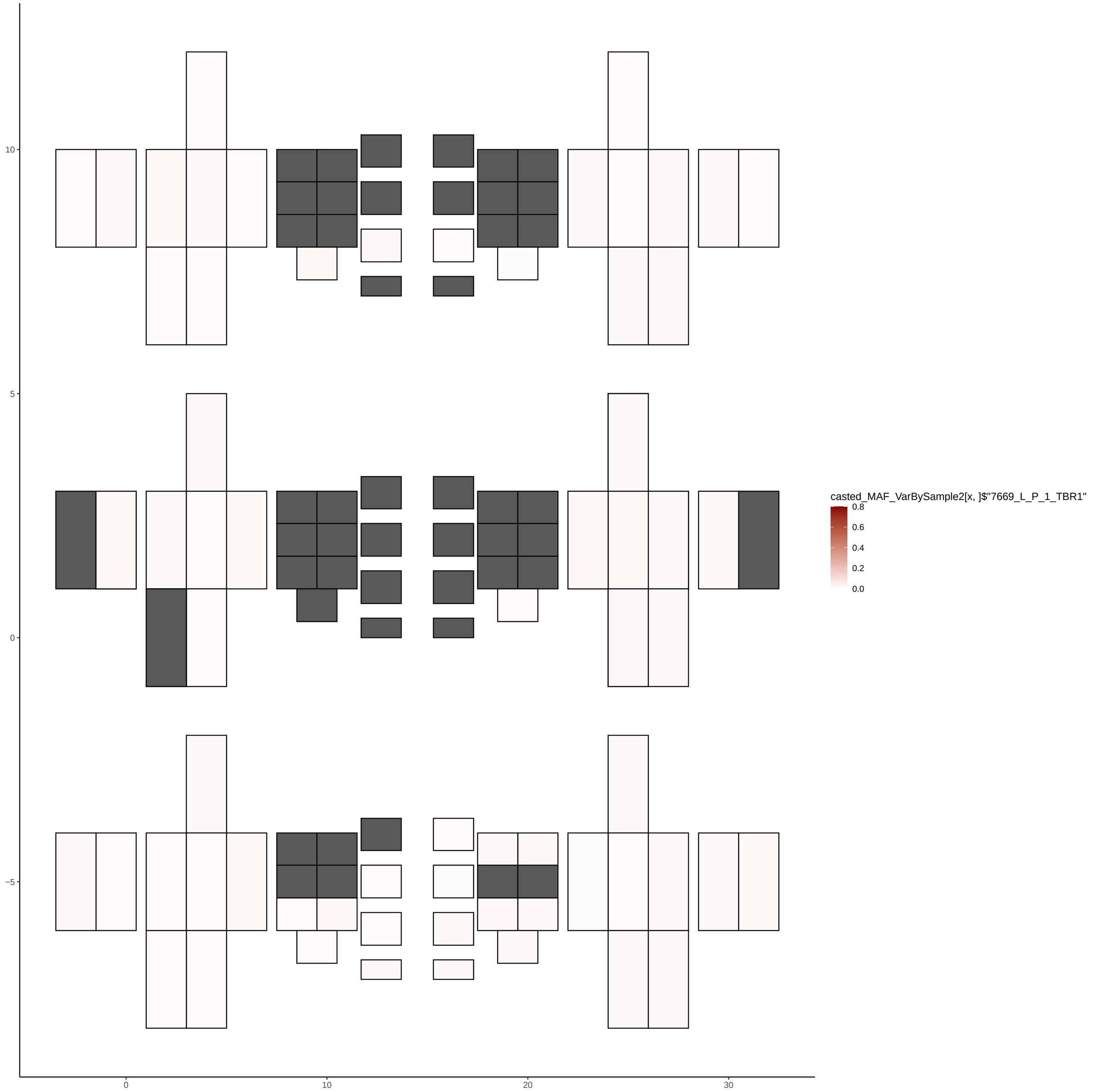

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

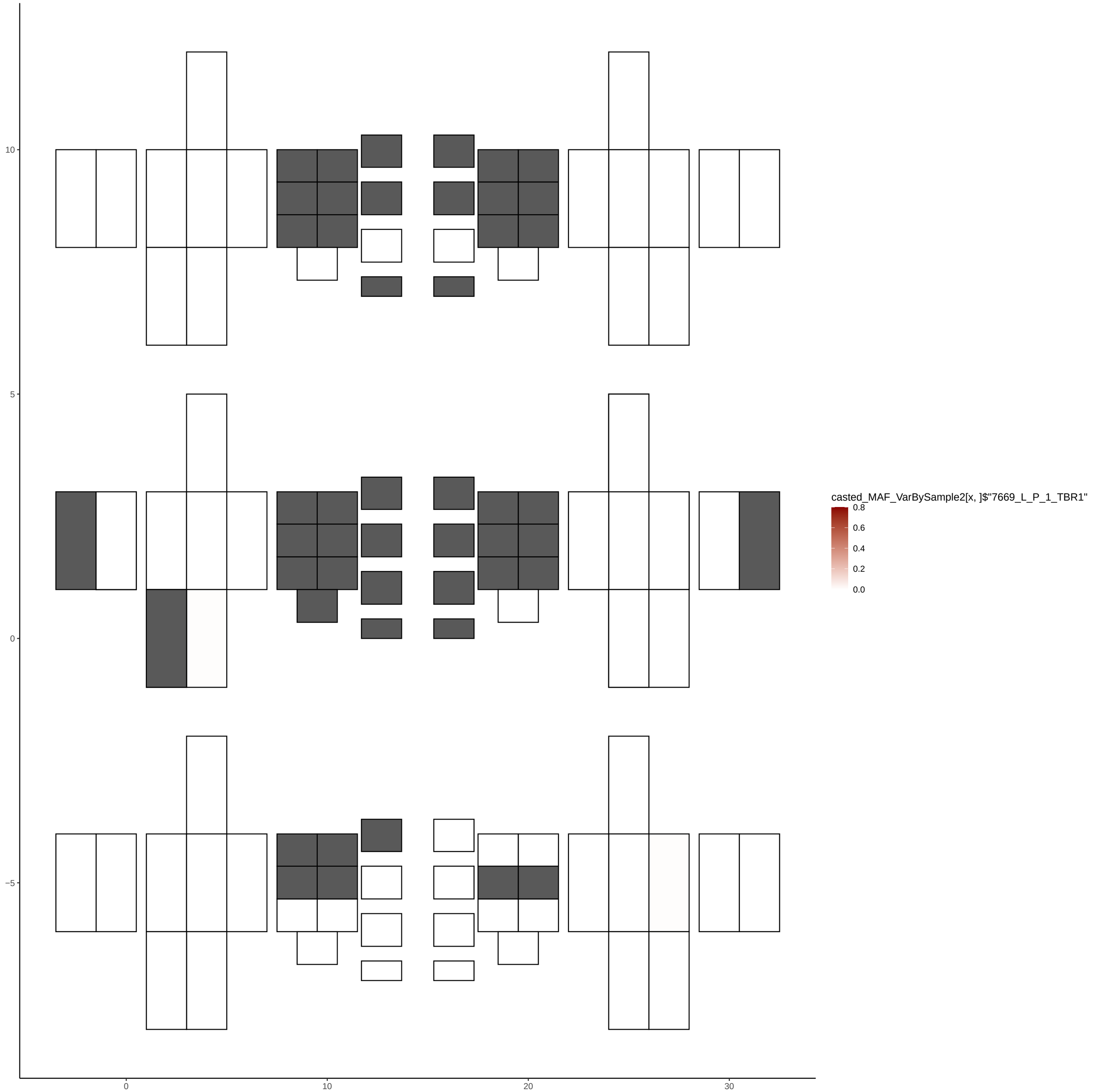

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

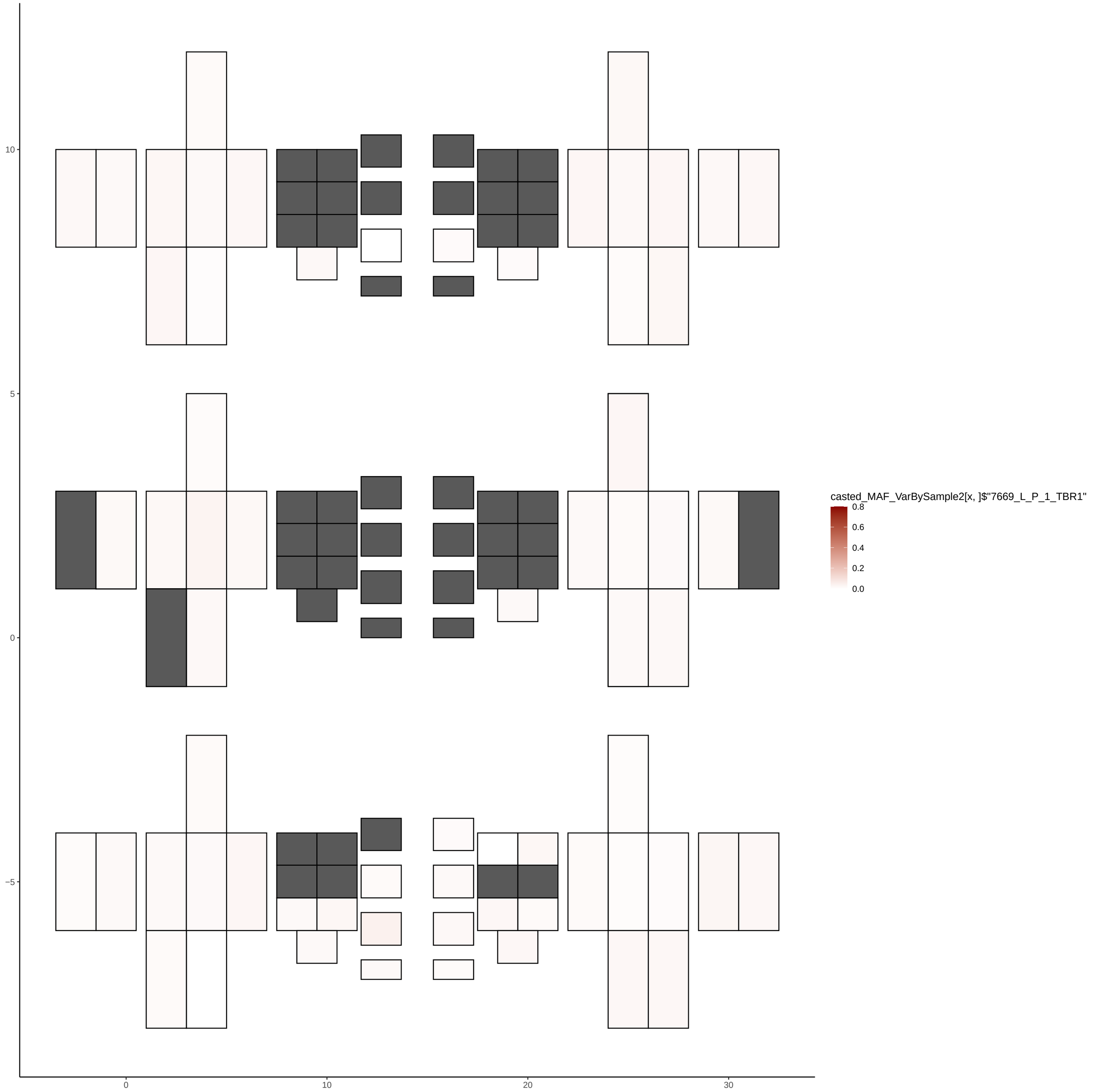

10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0

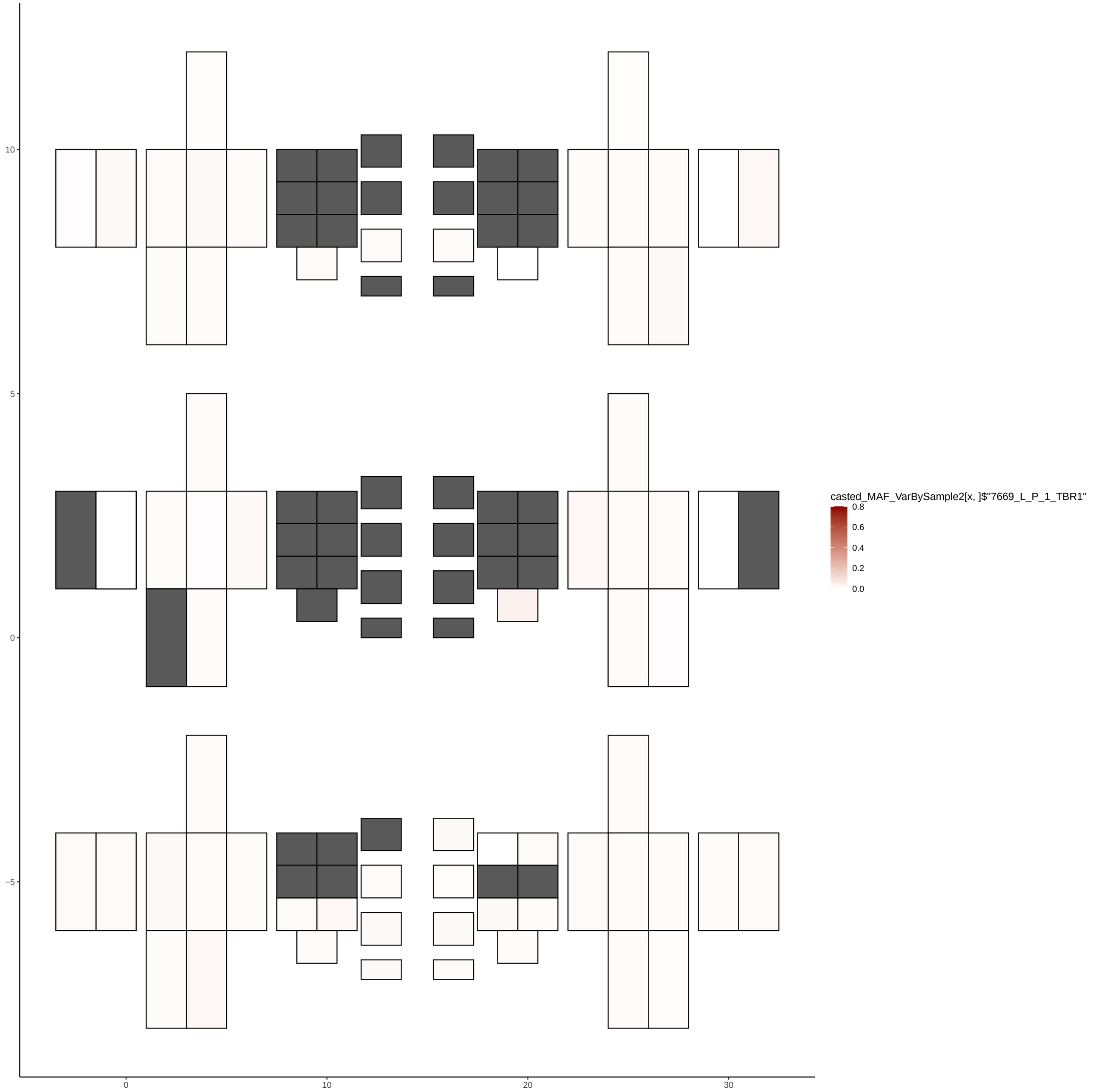

casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30


10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0


casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30


10
5
0
−5
0
10
20
30
casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0


casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30


casted_MAF_VarBySample2[x,]$"7669_L_P_1_TBR1"
0.8
0.6
0.4
0.2
0.0
10
5
0
−5
0
10
20
30