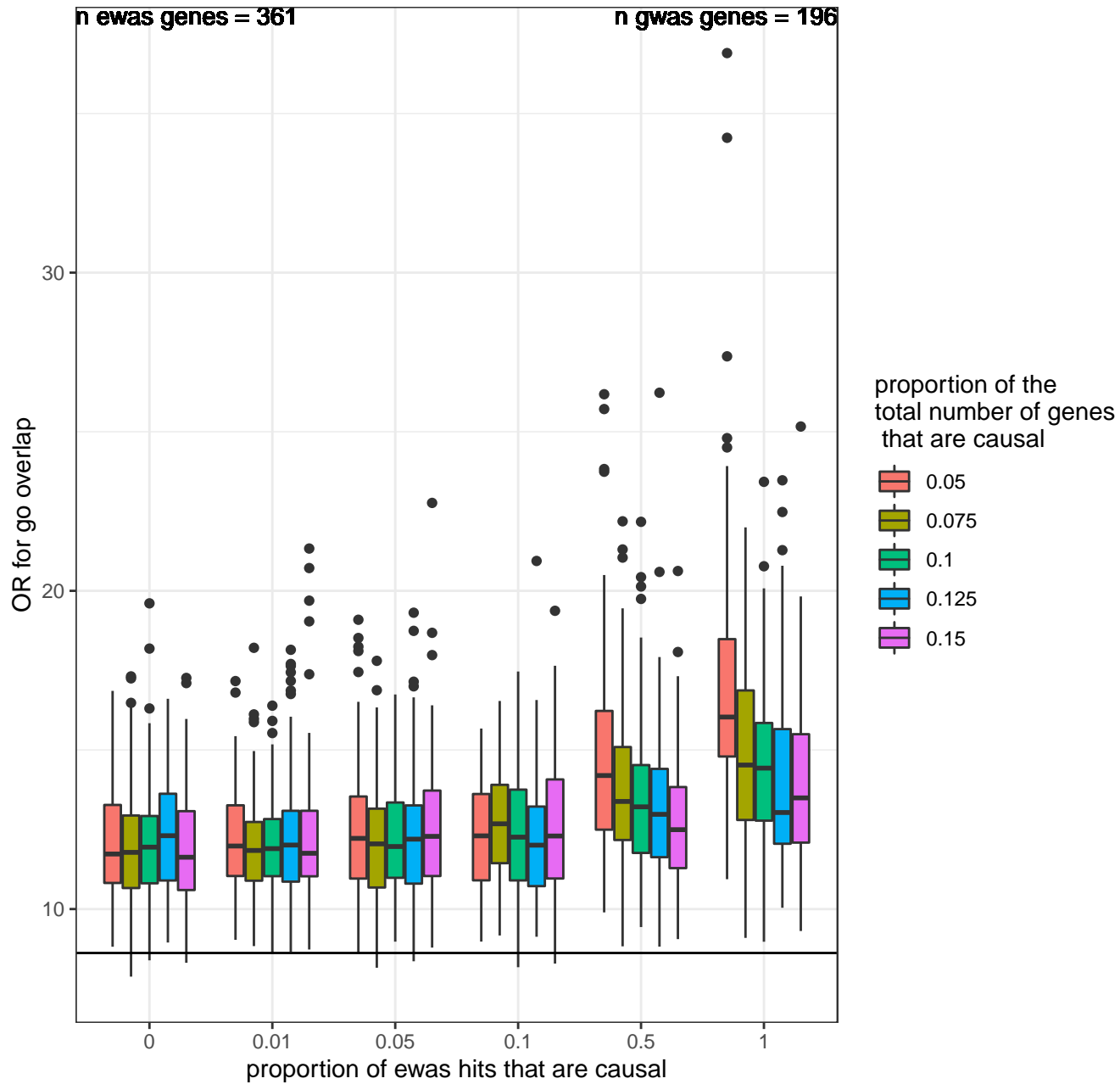


alcohol\_consumption\_per\_day

n ewas genes = 361

n gwas genes = 196



former\_versus\_never\_smoking

n ewas genes = 282

n gwas genes = 24

OR for go overlap

200

100

0

0

0.01

0.05

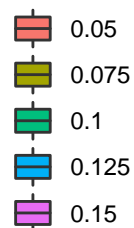
0.1

0.5

1

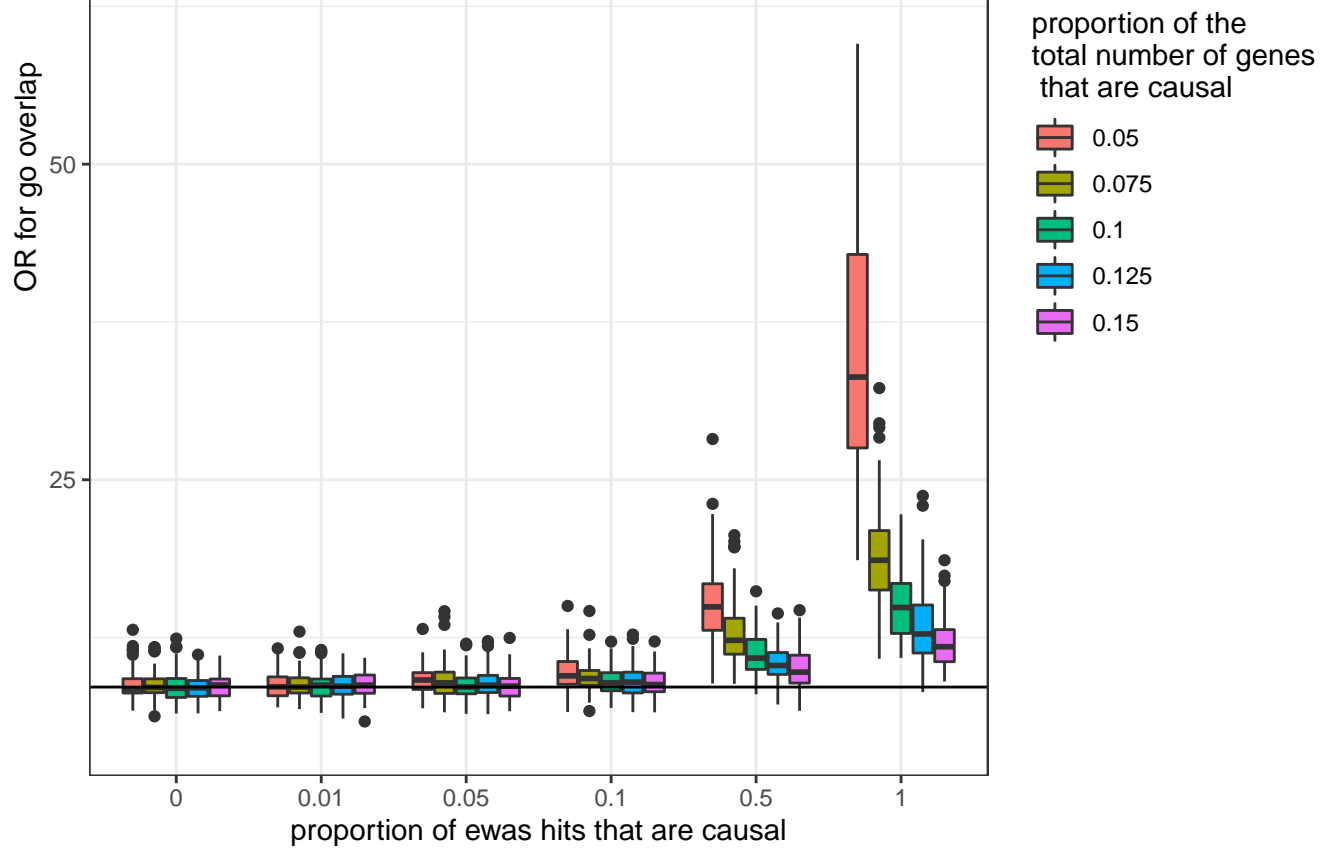
proportion of ewas hits that are causal

proportion of the  
total number of genes  
that are causal



**n ewas genes = 1936**

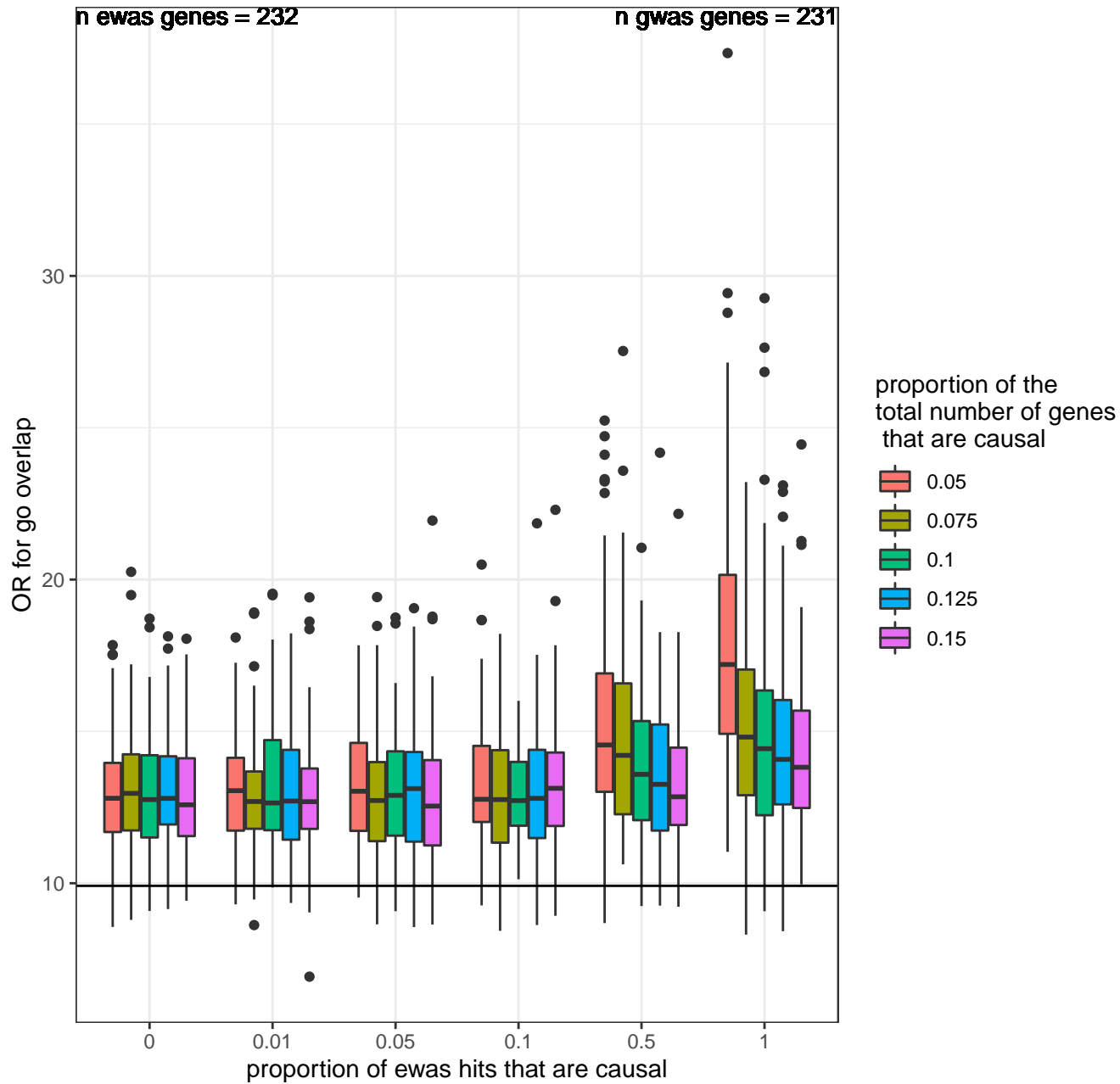
n gwas genes = 310



body\_mass\_index

n ewas genes = 232

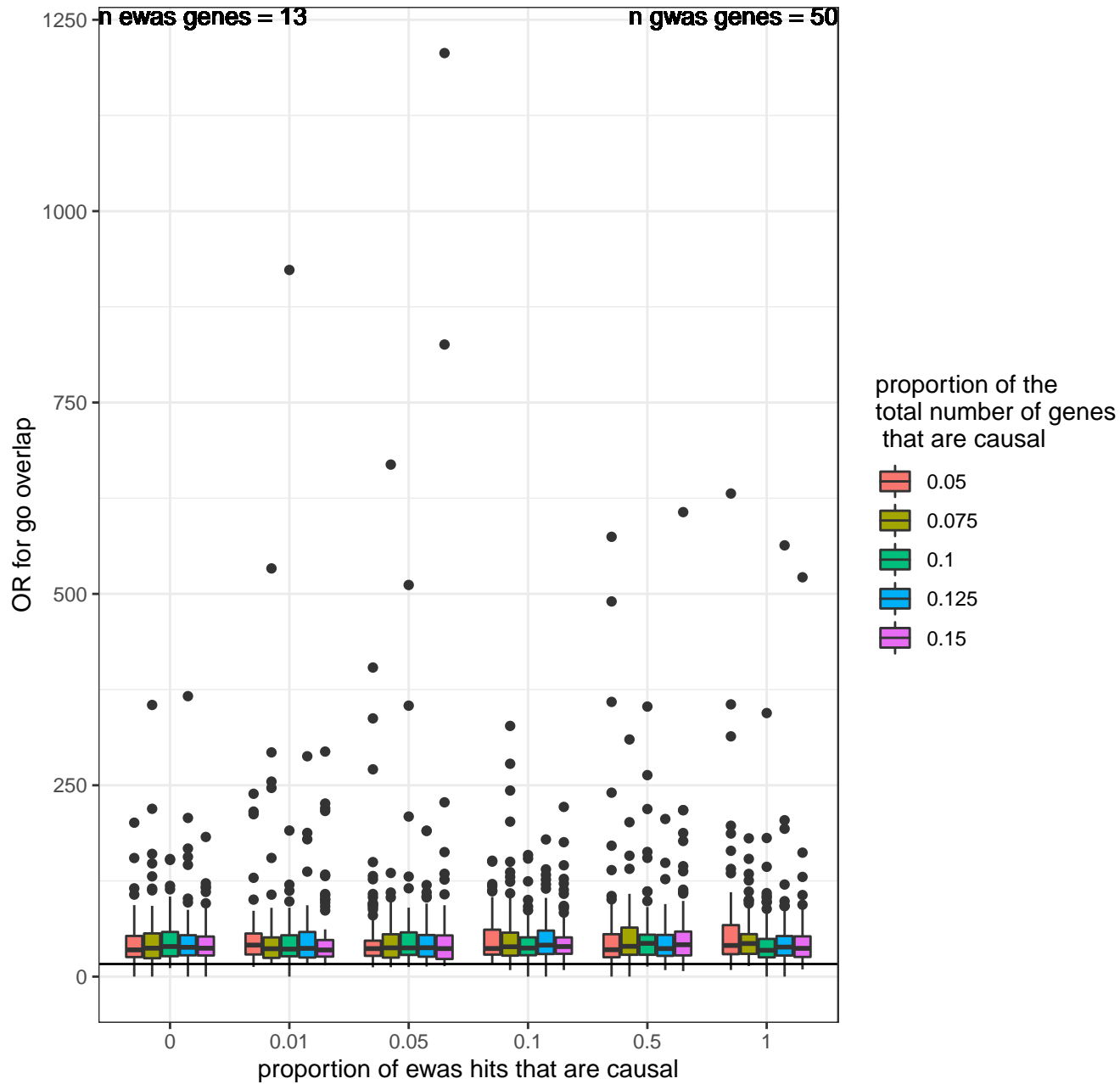
n gwas genes = 231



glucose

n ewas genes = 13

n gwas genes = 50



insulin

n ewas genes = 36

n gwas genes = 7

OR for go overlap

1500

1000

500

0

0

0.01

0.05

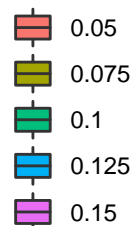
0.1

0.5

1

proportion of ewas hits that are causal

proportion of the  
total number of genes  
that are causal



educational\_attainment

n ewas genes = 23

n gwas genes = 303

OR for go overlap

1200

800

400

0

0

0.01

0.05

0.1

0.5

1

proportion of ewas hits that are causal

proportion of the  
total number of genes  
that are causal

