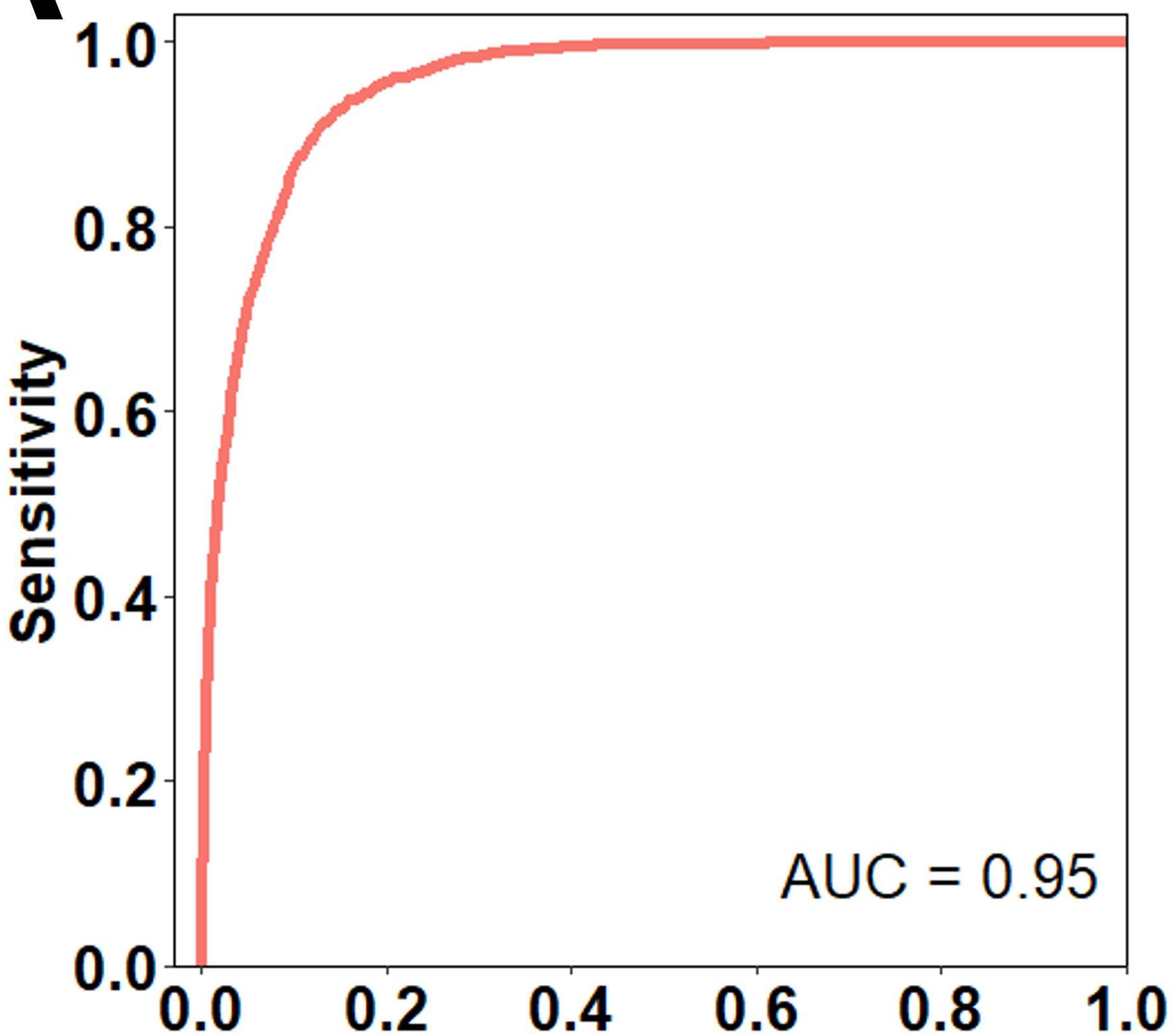
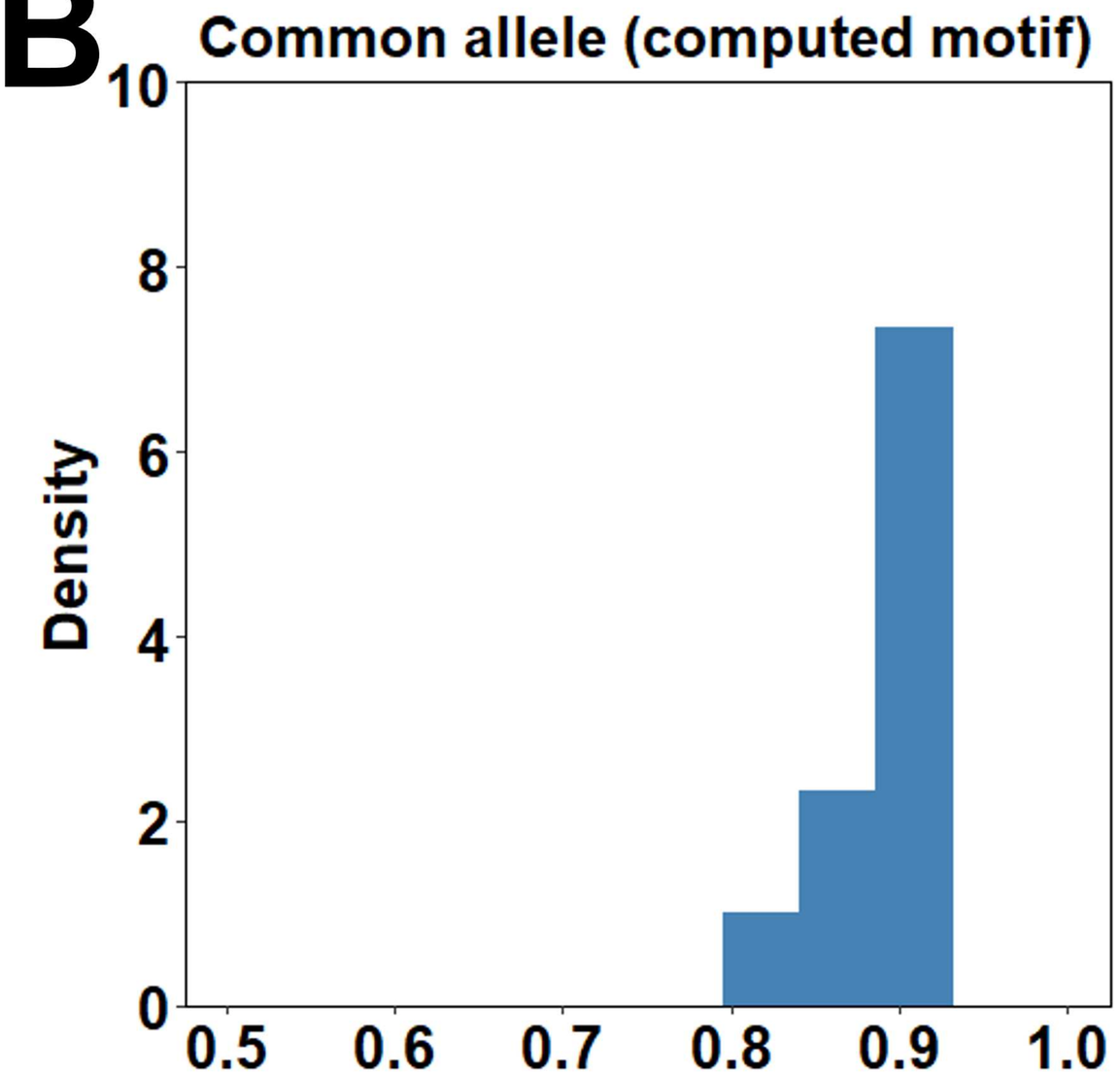
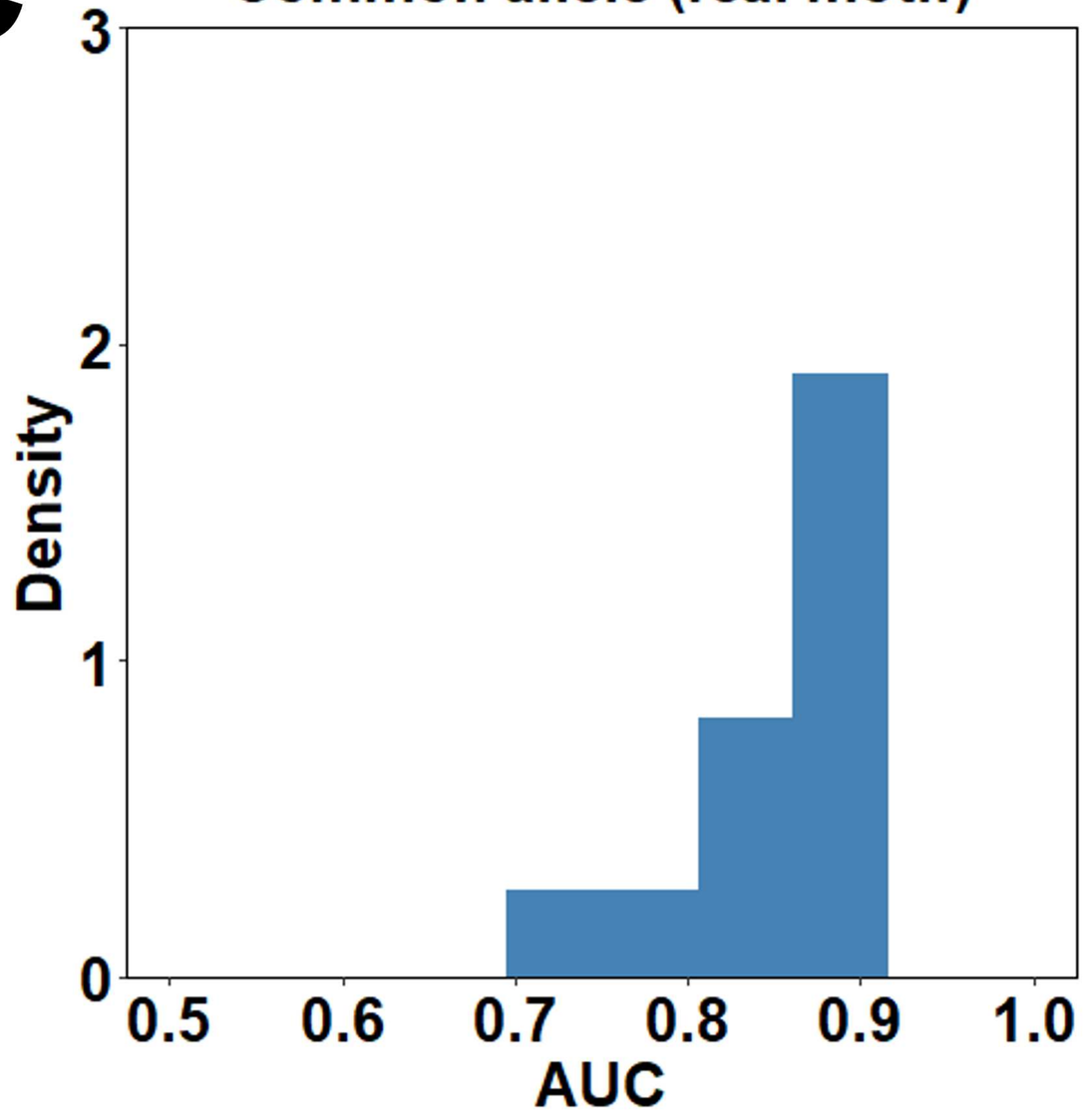
A


Sensitivity
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0
AUC = 0.95
1-Specificity

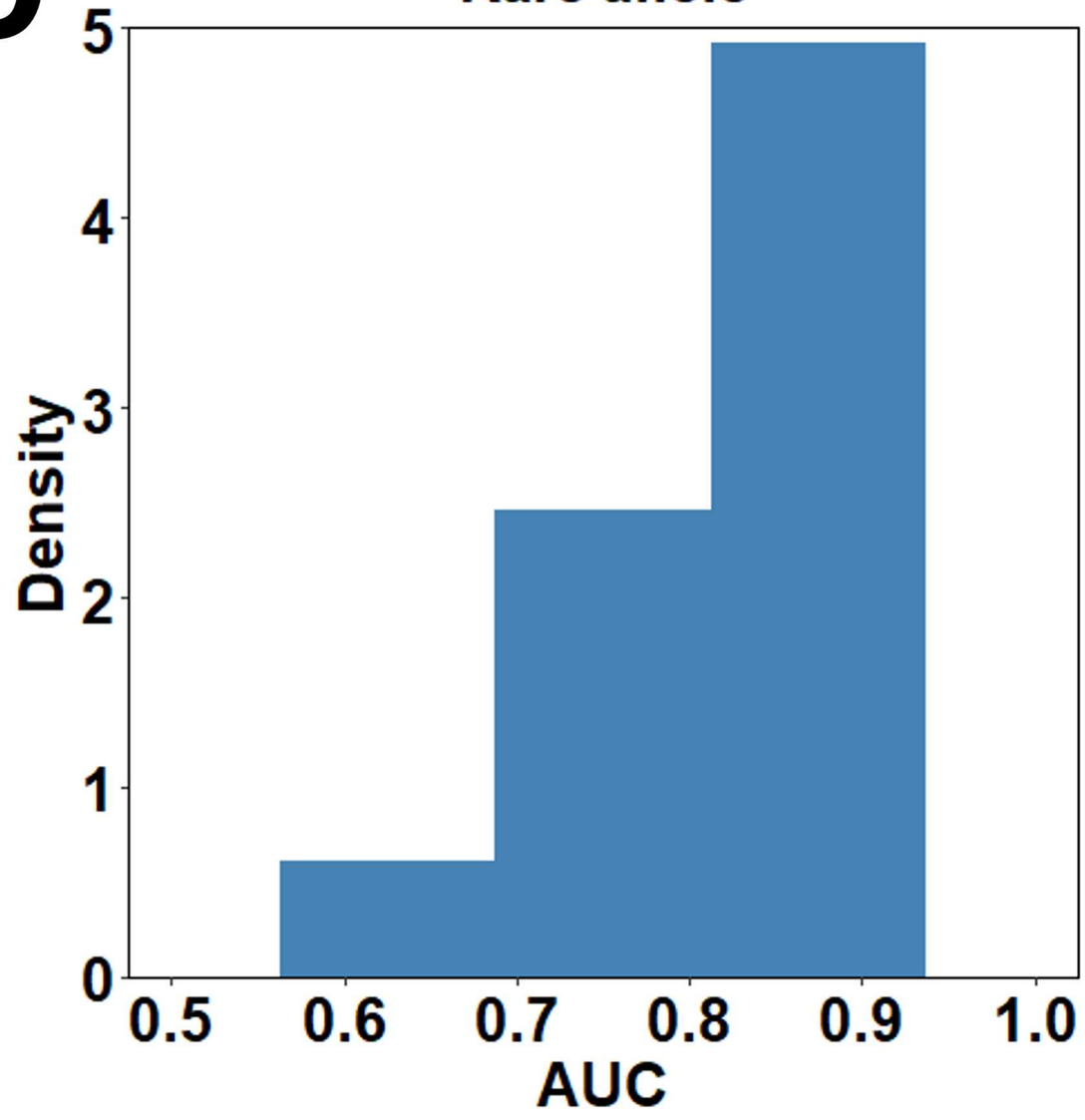
B


Common allele (computed motif)
Density
10
8
6
4
2
0
0.5
0.6
0.7
0.8
0.9
1.0
AUC

C


Common allele (real motif)
Density
3
2
1
0
0.5
0.6
0.7
0.8
0.9
1.0
AUC

D


Rare allele
Density
5
4
3
2
1
0
0.5
0.6
0.7
0.8
0.9
1.0
AUC