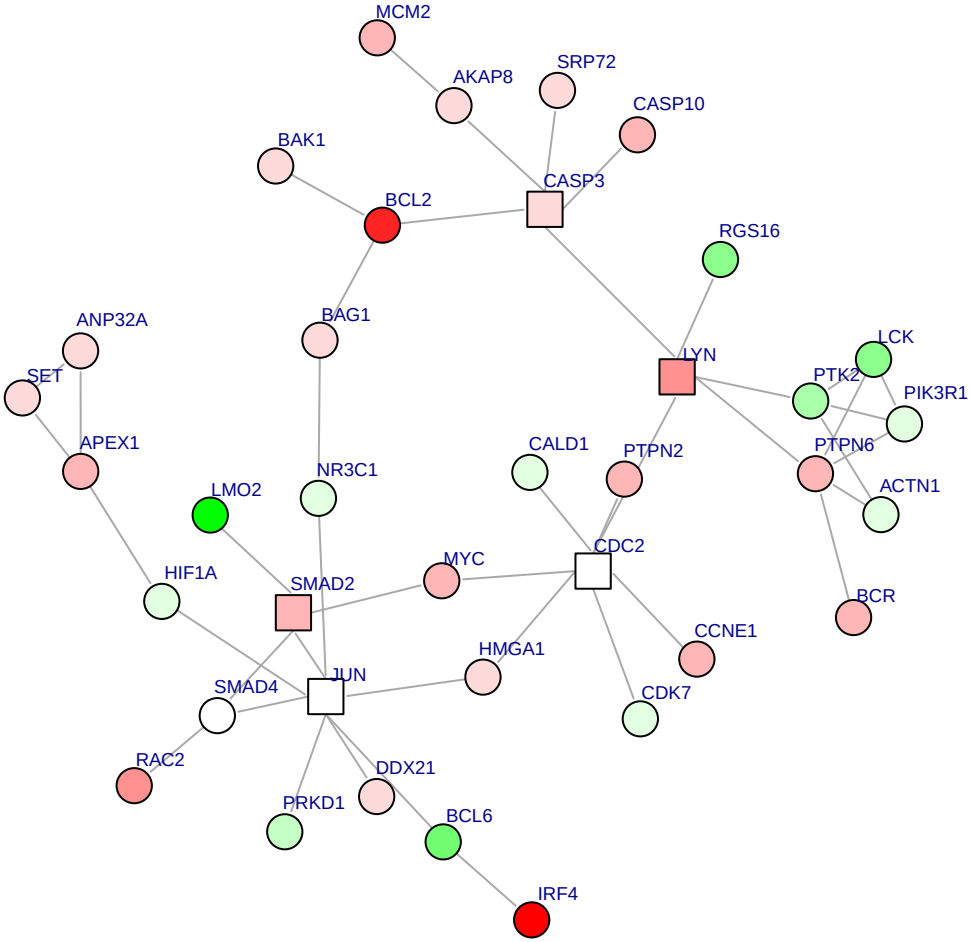
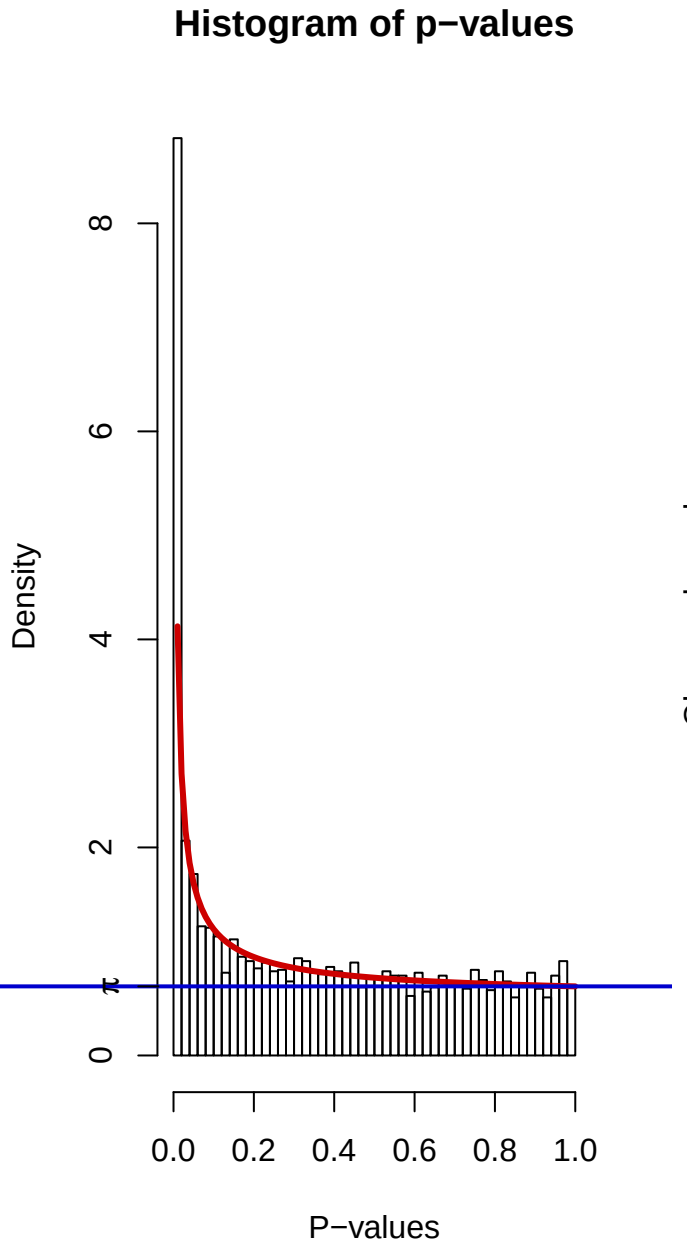
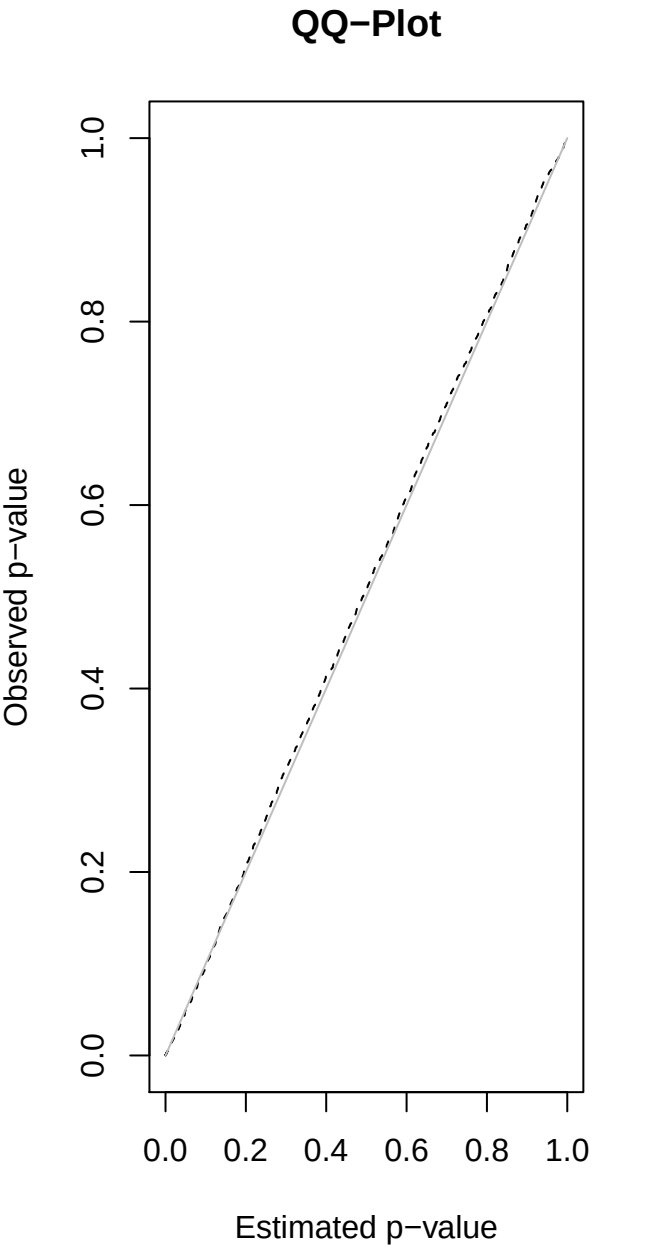
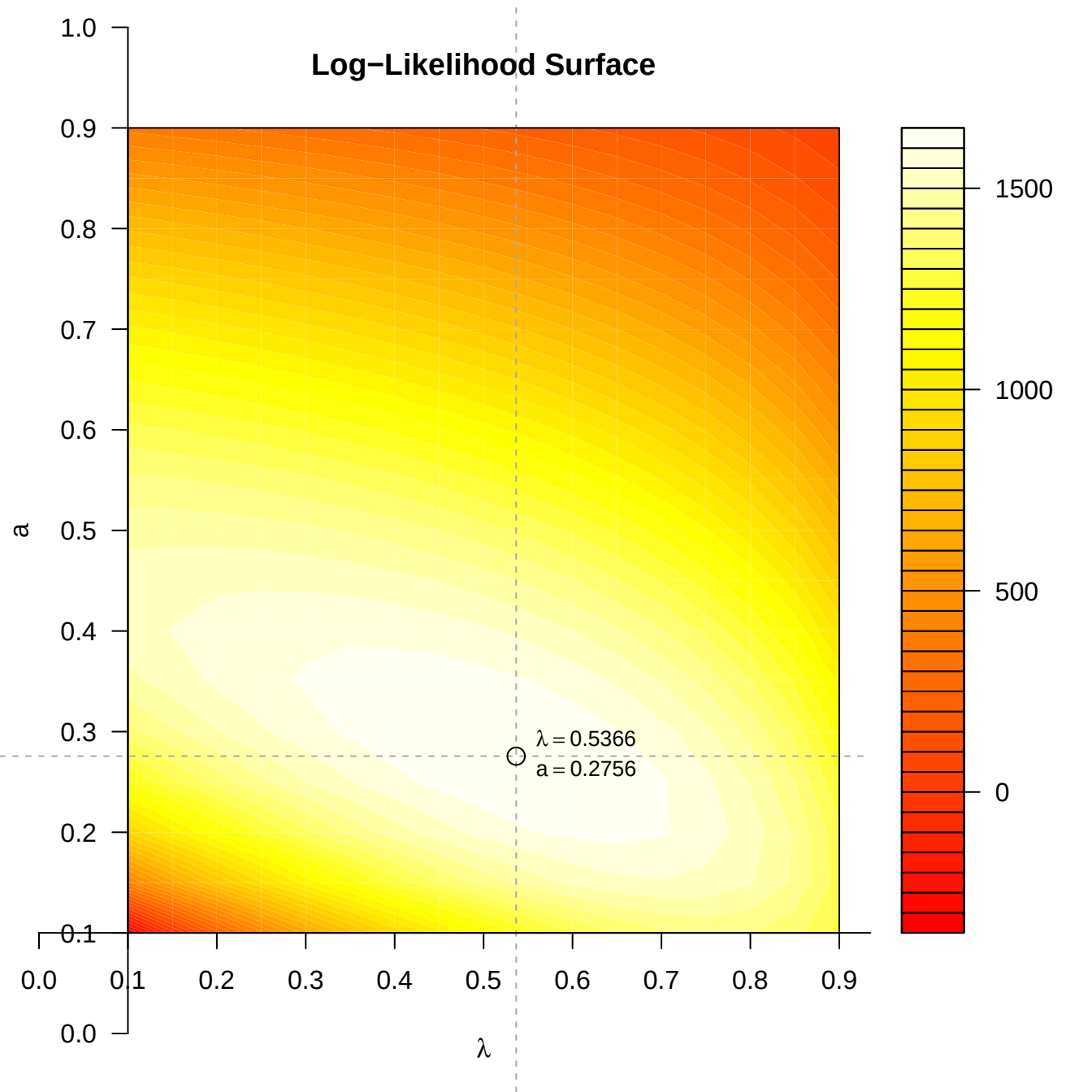
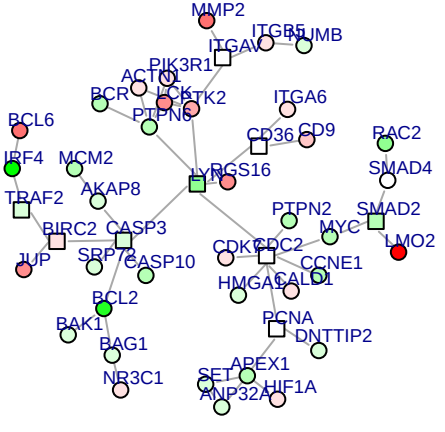
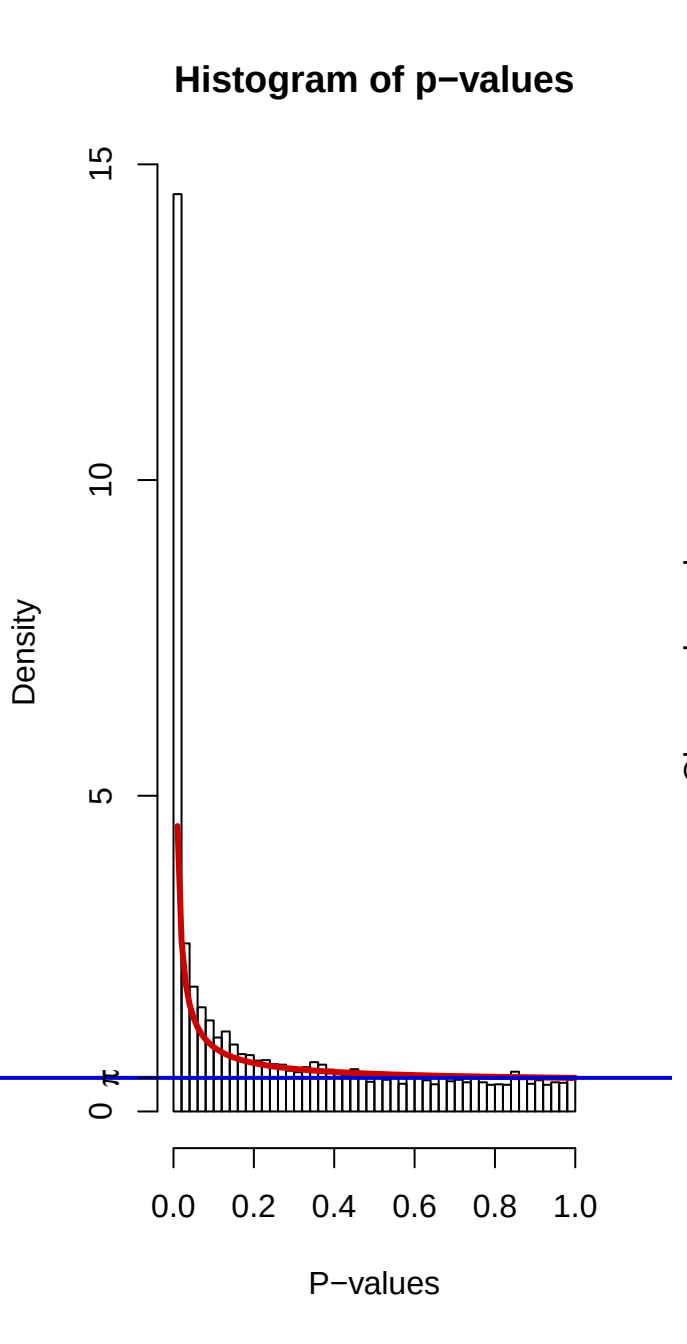

MCM2
AKAP8
SRP72
CASP10
BAK1
CASP3
BCL2
RGS16
ANP32A
BAG1
LCK
LYN
SET
PTK2
PIK3R1
APEX1
CALD1
PTPN2
PTPN6
NR3C1
ACTN1
LMO2
MYC
CDC2
HIF1A
SMAD2
BCR
CCNE1
HMGA1
JUN
SMAD4
CDK7
RAC2
DDX21
PRKD1
BCL6
IRF4

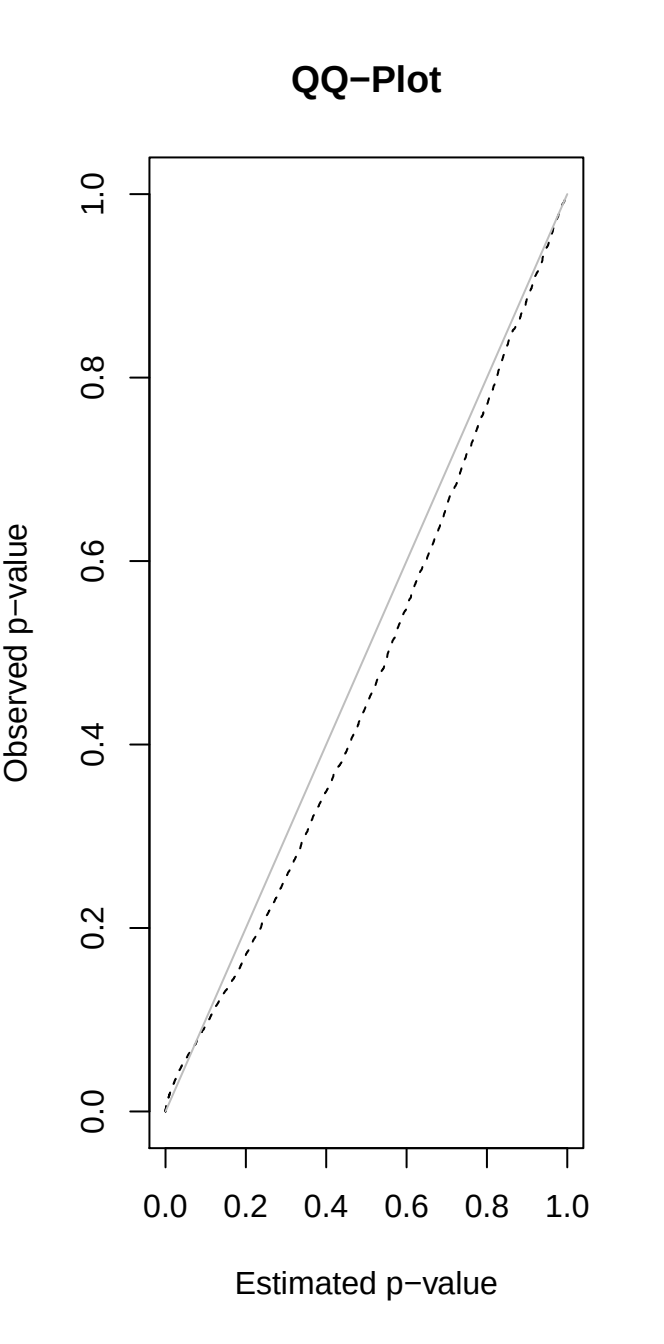

Histogram of p−values
Density
0
2
4
6
8
π
0.0
0.2
0.4
0.6
0.8
1.0
P−values


QQ−Plot
Observed p−value
0.0
0.2
0.4
0.6
0.8
1.0
Estimated p−value


Log−Likelihood Surface
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
a
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
λ
λ = 0.5366
a = 0.2756
1500
1000
500
0


MMP2
ITGB5
NUMB
ITGAV
PIK3R1
ACTN1
BCR
LCK
PTK2
ITGA6
PTPN6
BCL6
CD36
CD9
RAC2
IRF4
MCM2
LYN
RGS16
SMAD4
TRAF2
AKAP8
PTPN2
SMAD2
BIRC2
CASP3
MYC
LMO2
CDK1
CDC2
JUP
SRP72
CASP10
CCNE1
HMGA1
CALD1
BCL2
PCNA
BAK1
DNTTIP2
BAG1
APEX1
NR3C1
SET
HIF1A
ANP32A


Histogram of p−values
Density
15
10
5
0
π
0.0
0.2
0.4
0.6
0.8
1.0
P−values


QQ−Plot
Observed p−value
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Estimated p−value