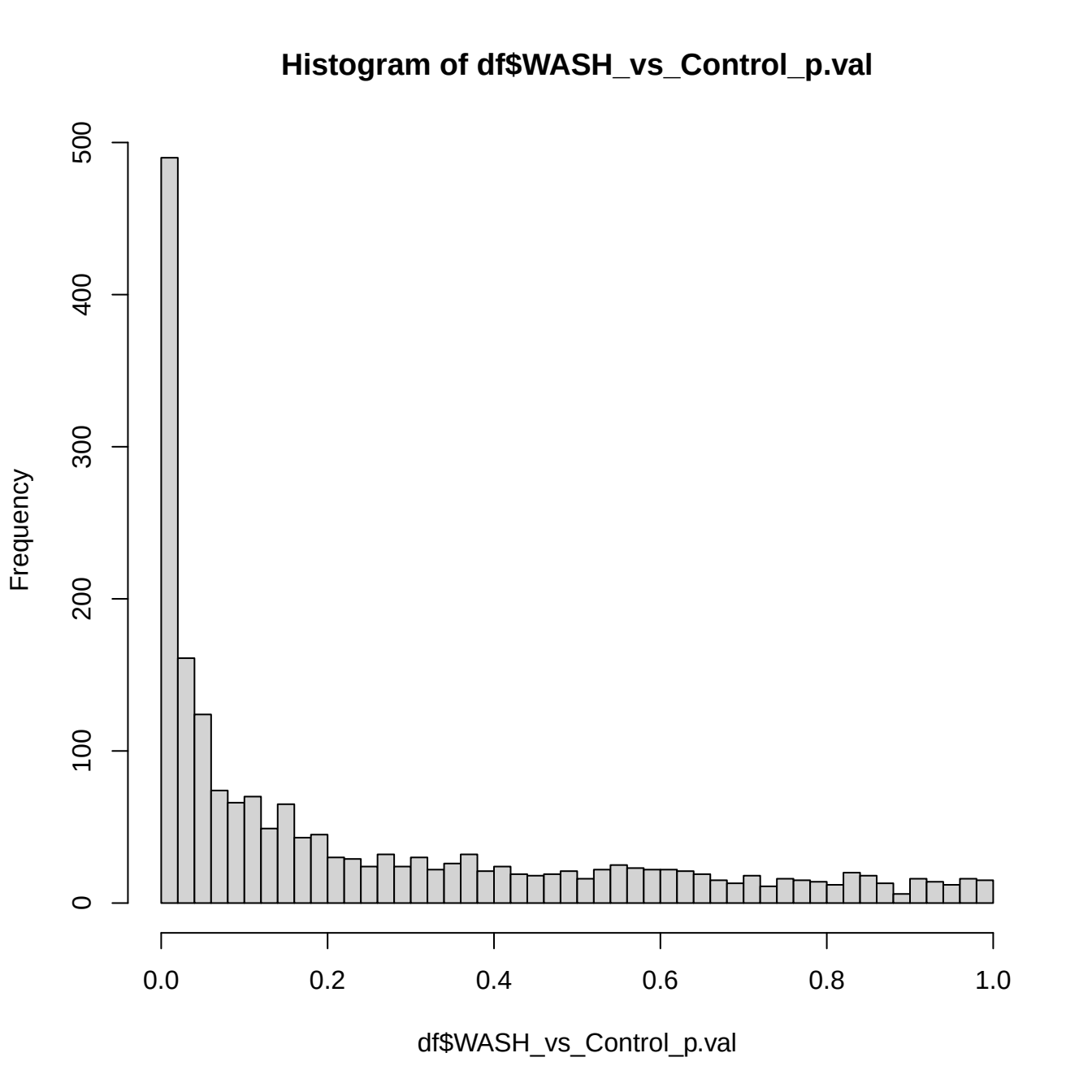
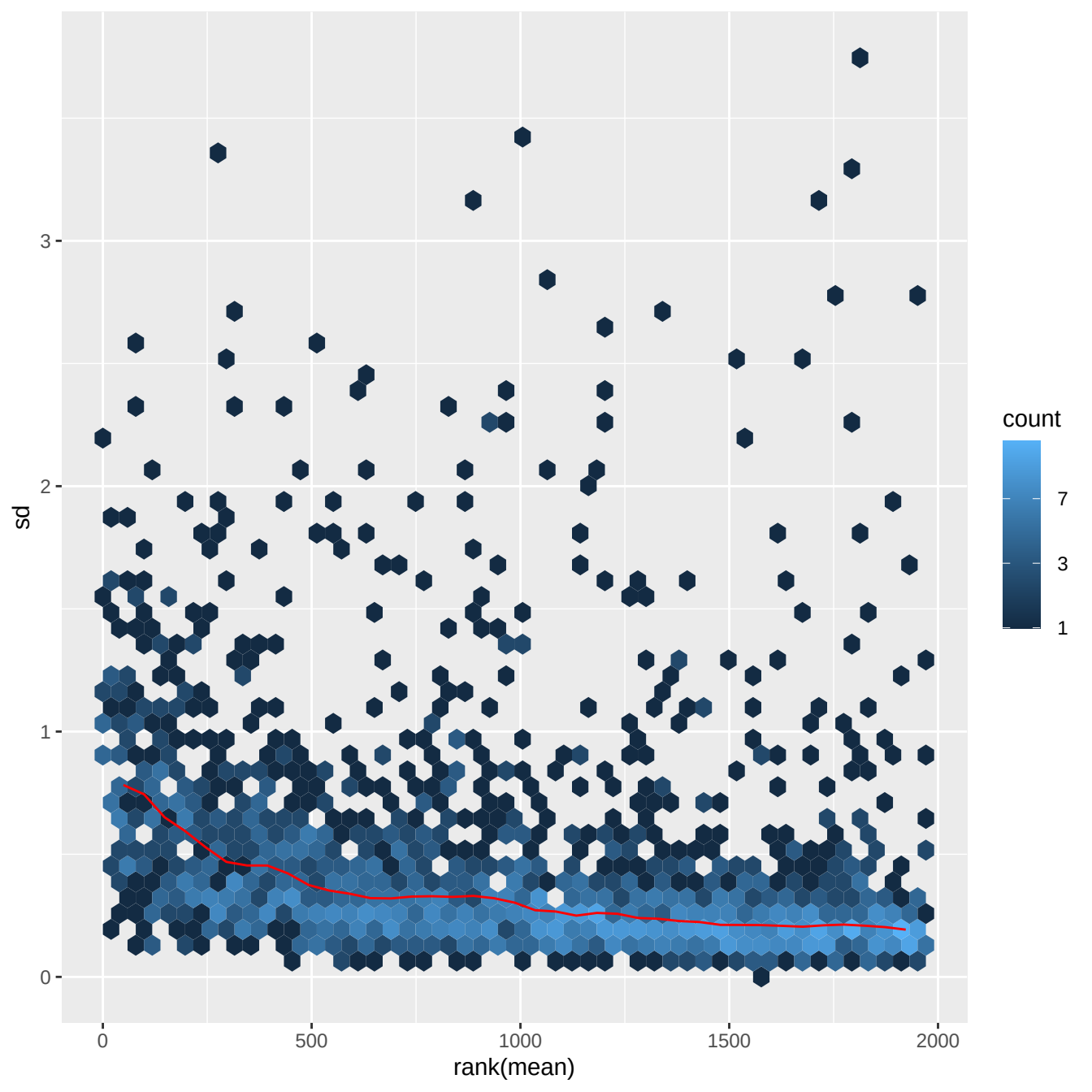
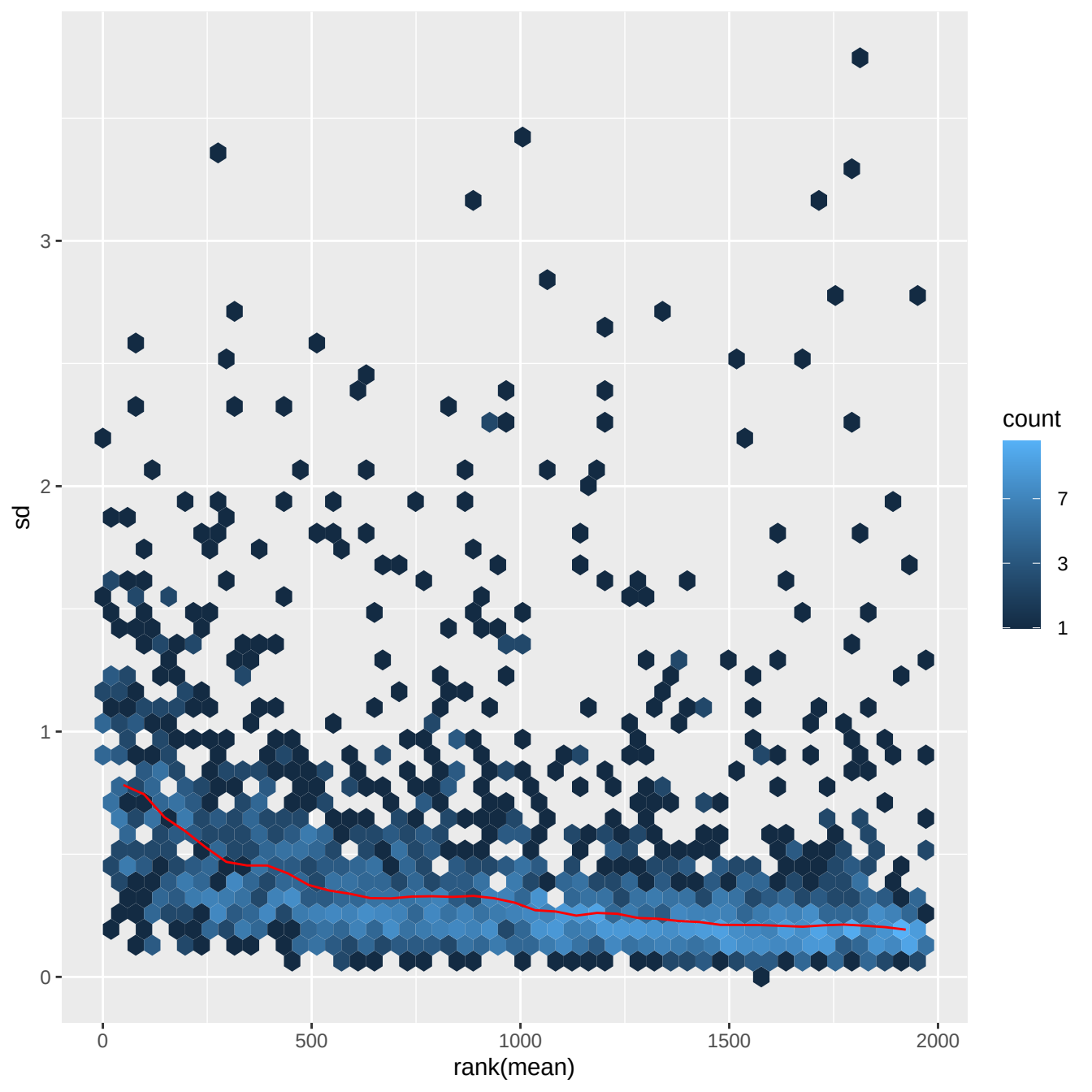
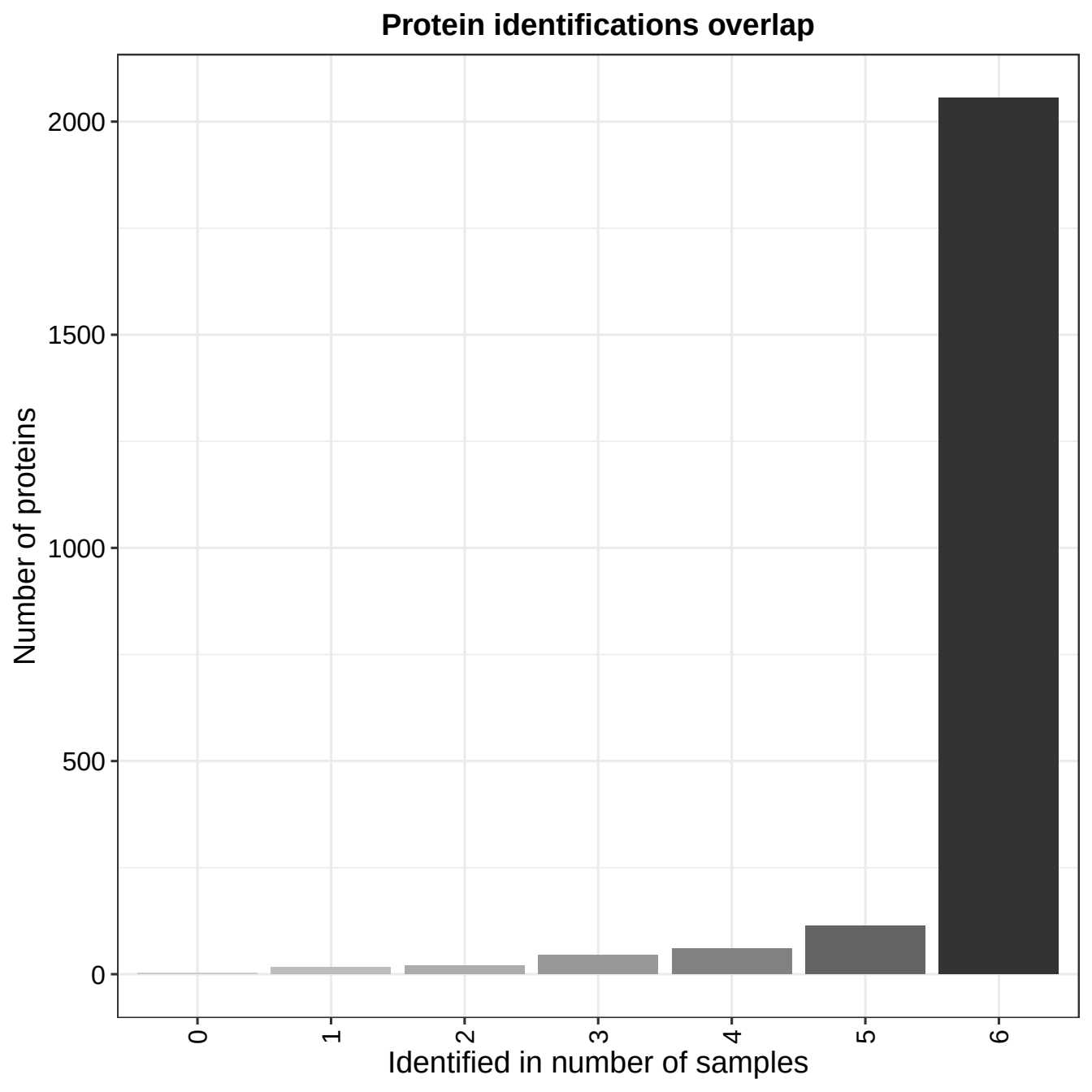
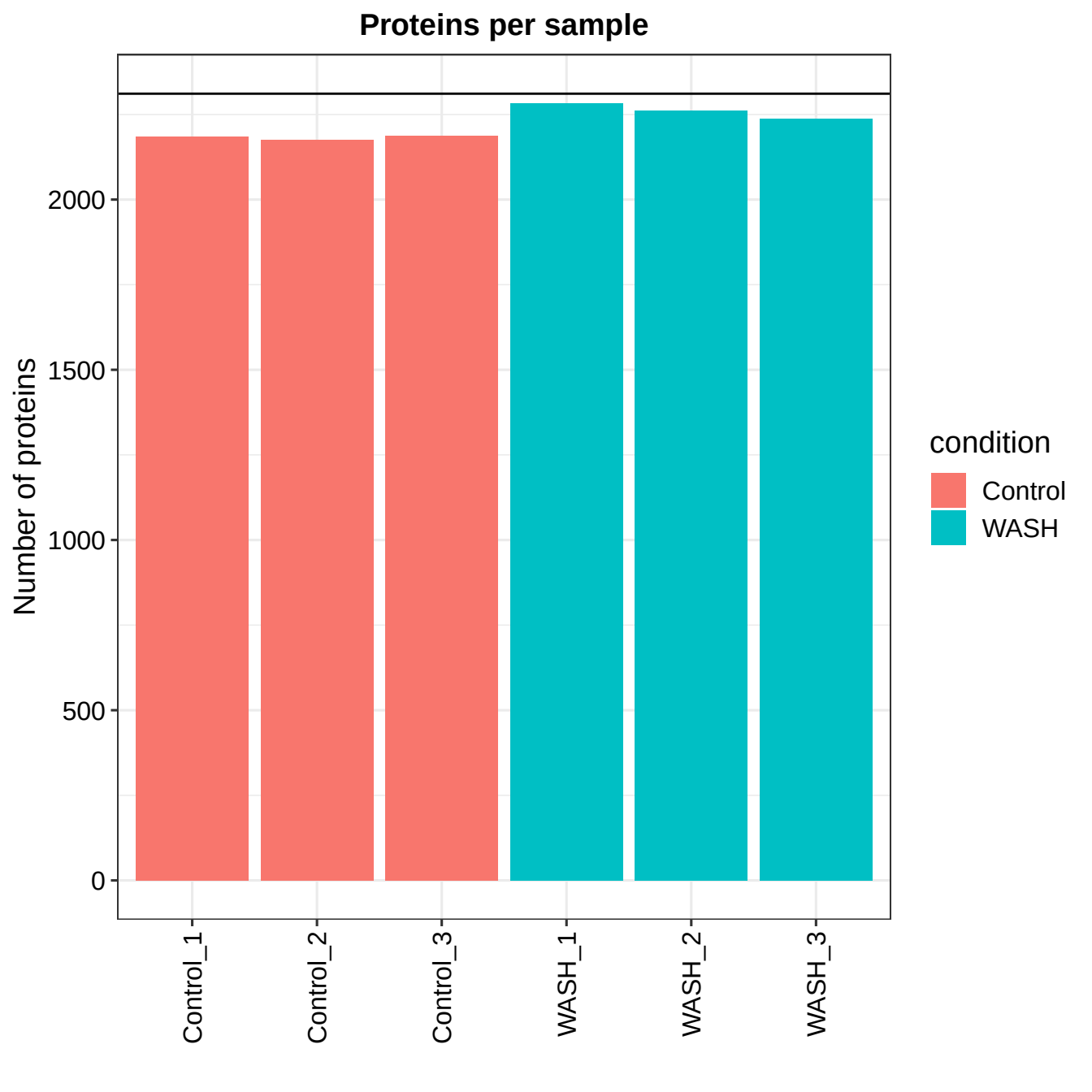
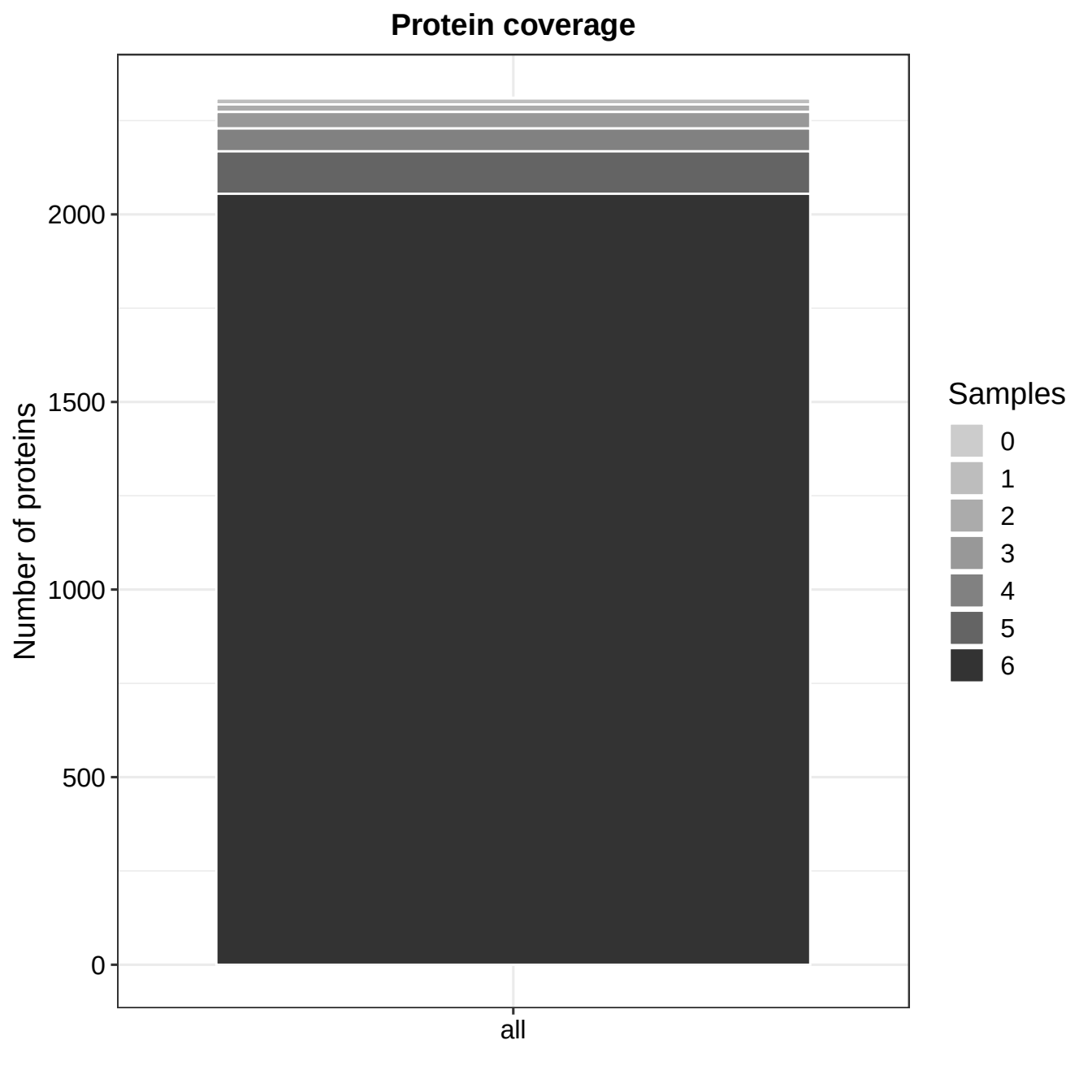

Histogram of df$WASH_vs_Control_p.val
Frequency
0
100
200
300
400
500
0.0
0.2
0.4
0.6
0.8
1.0
df$WASH_vs_Control_p.val

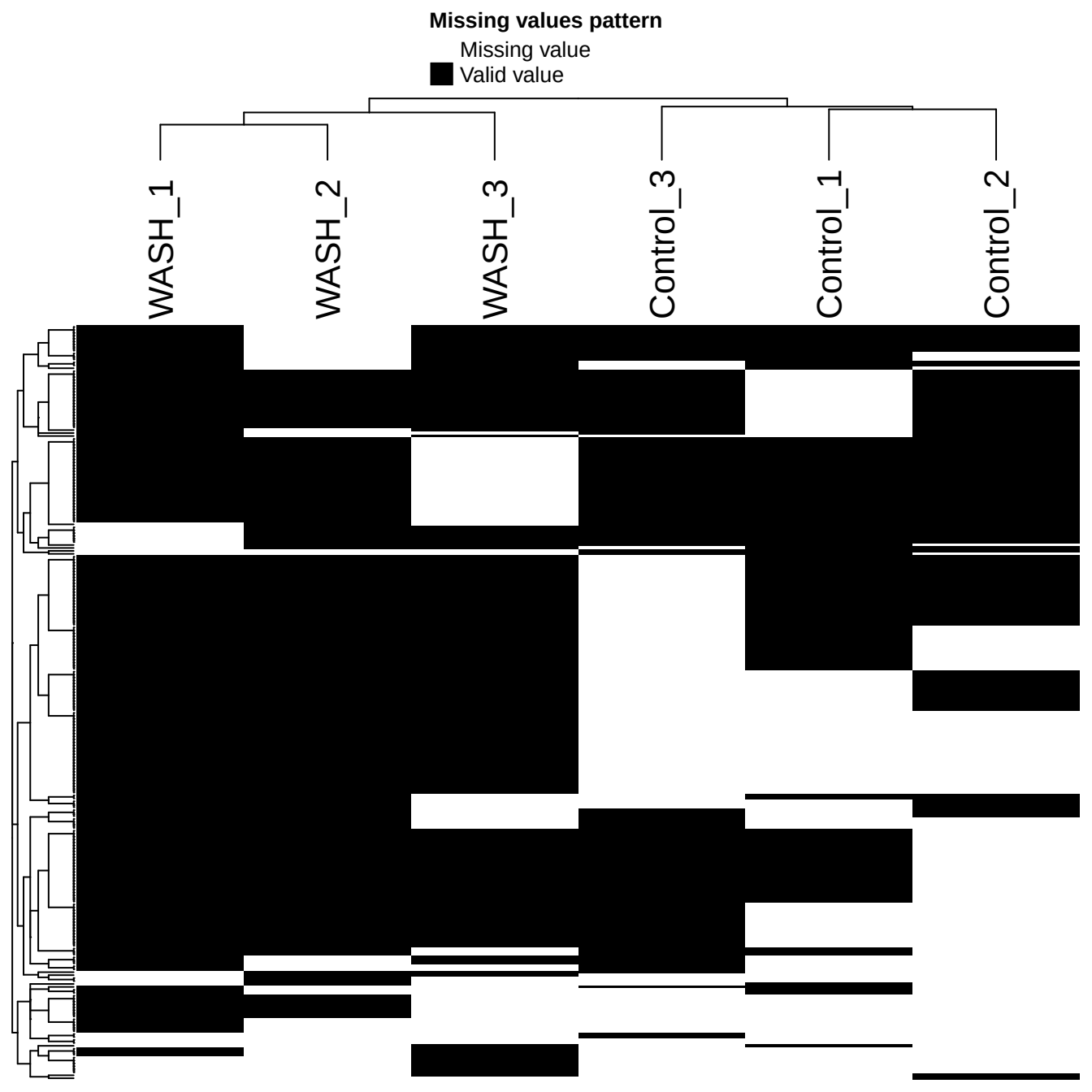

sd
3
2
1
0
0
500
1000
1500
2000
rank(mean)
count
7
3
1

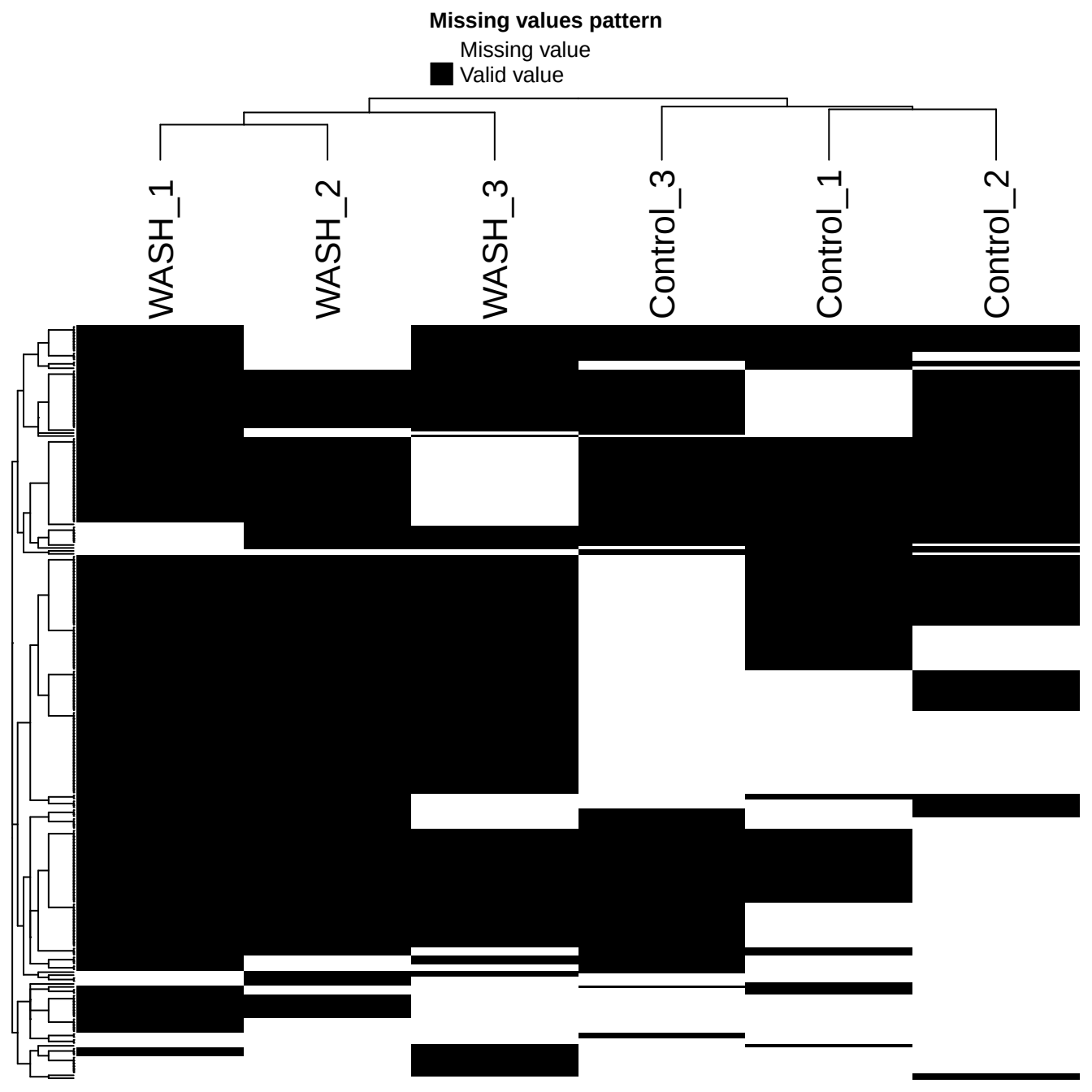

sd
3
2
1
0
0
500
1000
1500
2000
rank(mean)
count
7
3
1

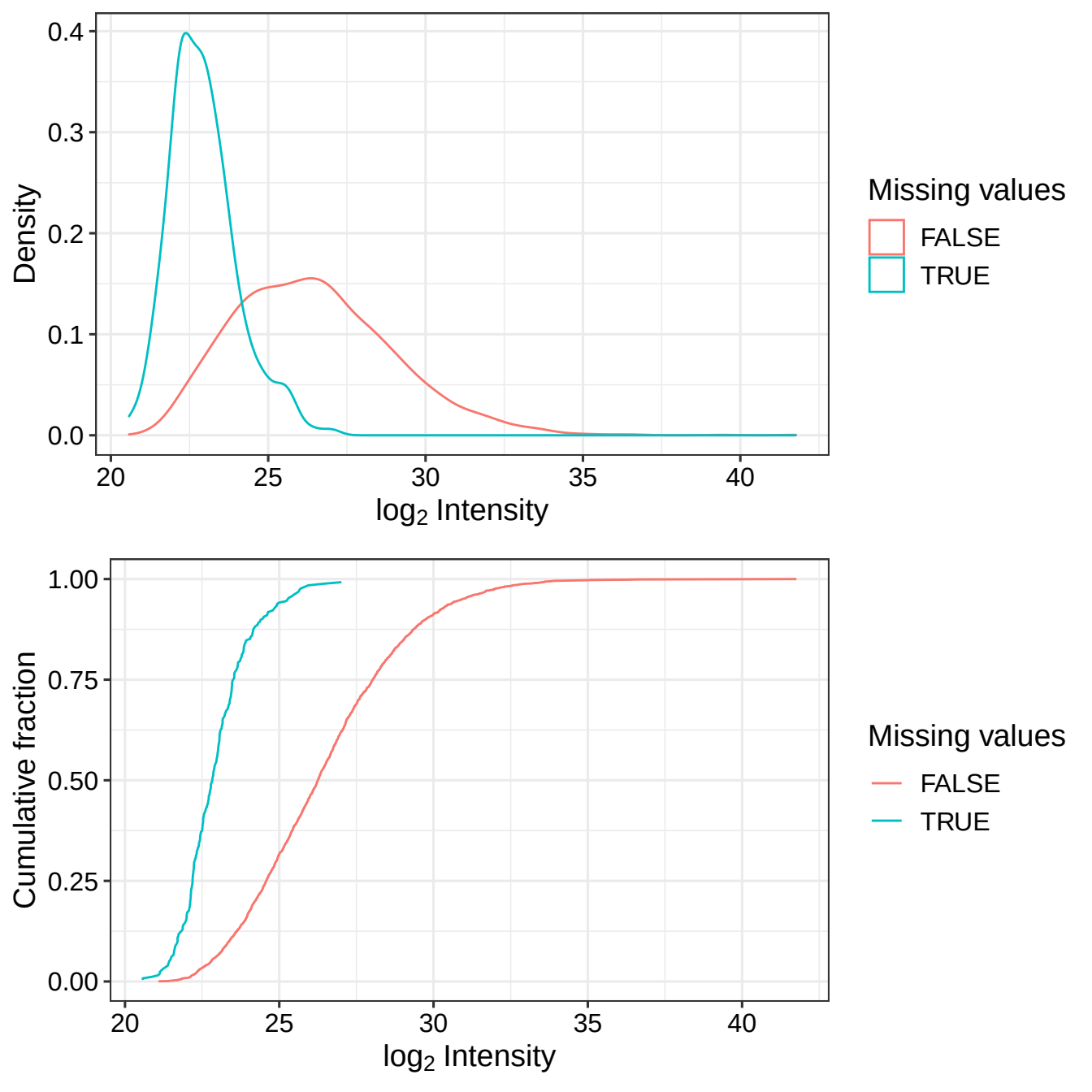

Protein identifications overlap
2000
1500
1000
500
0
Number of proteins
0
1
2
3
4
5
6
Identified in number of samples

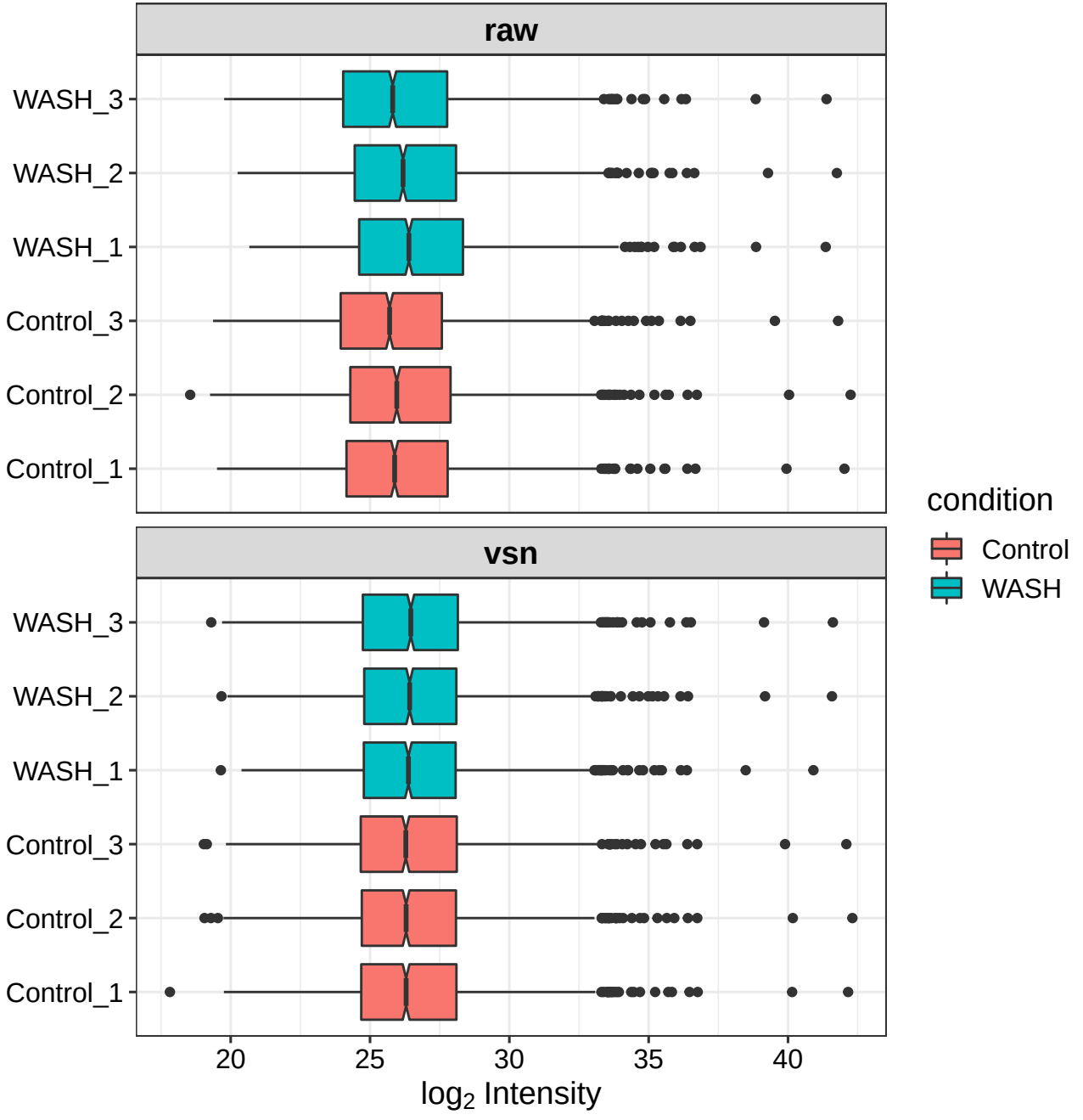

Proteins per sample
Number of proteins
2000
1500
1000
500
0
Control_1
Control_2
Control_3
WASH_1
WASH_2
WASH_3
condition
Control
WASH

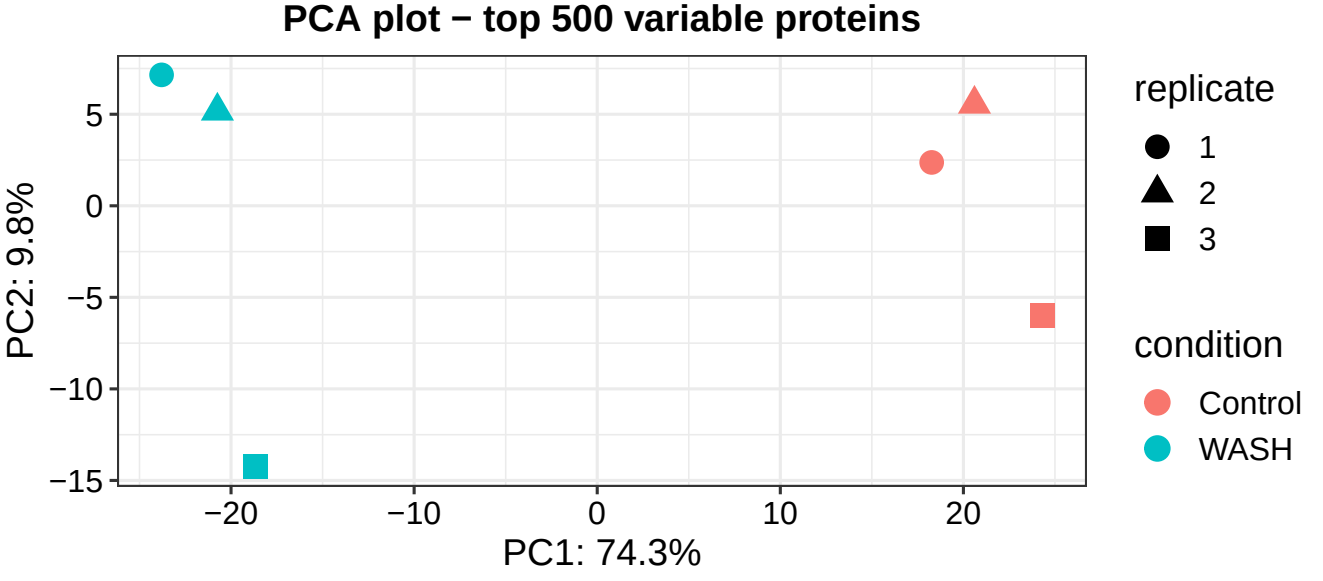

Protein coverage
Number of proteins
2000
1500
1000
500
0
all
Samples
0
1
2
3
4
5
6

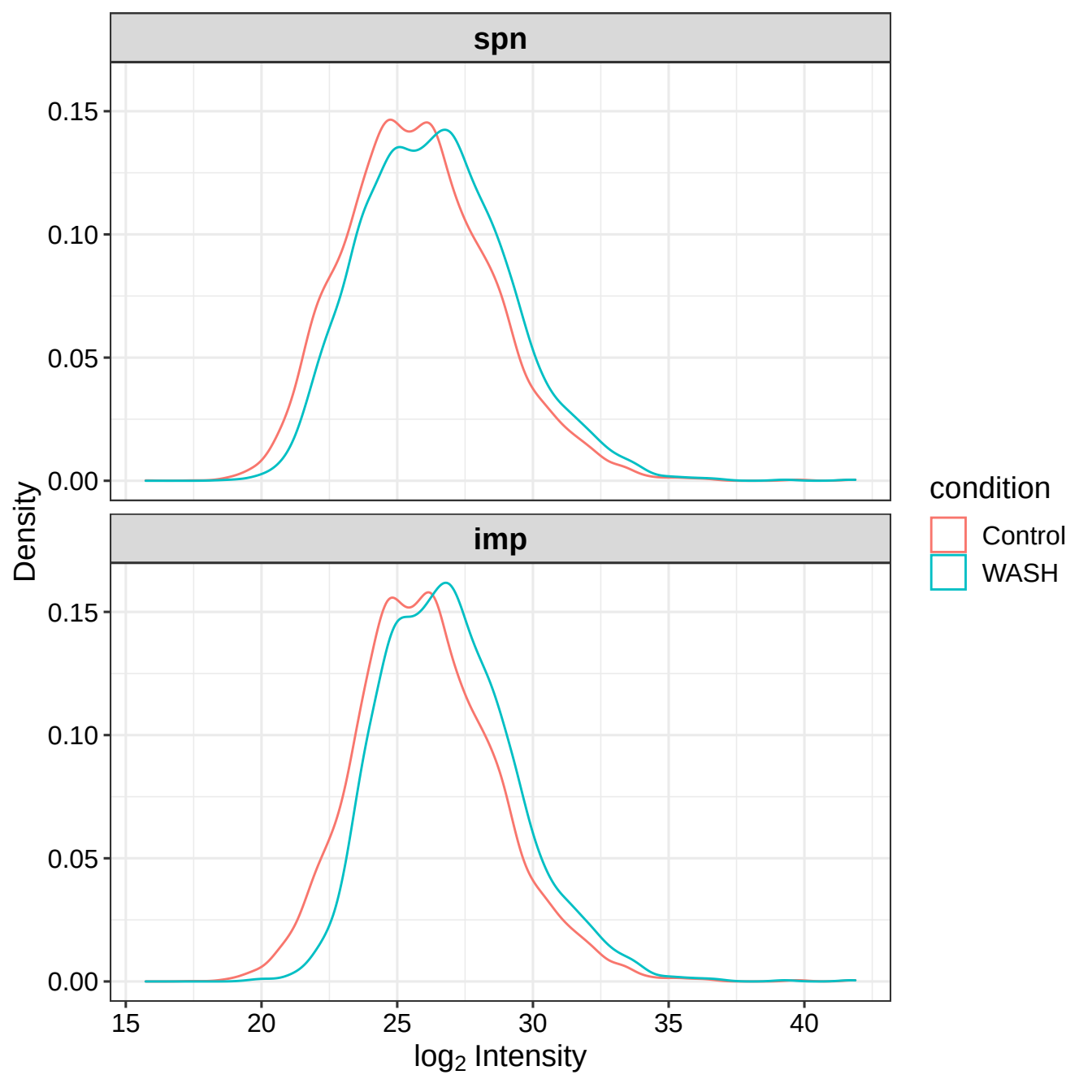

Missing values pattern
Missing value
Valid value
WASH_1
WASH_2
WASH_3
Control_3
Control_1
Control_2

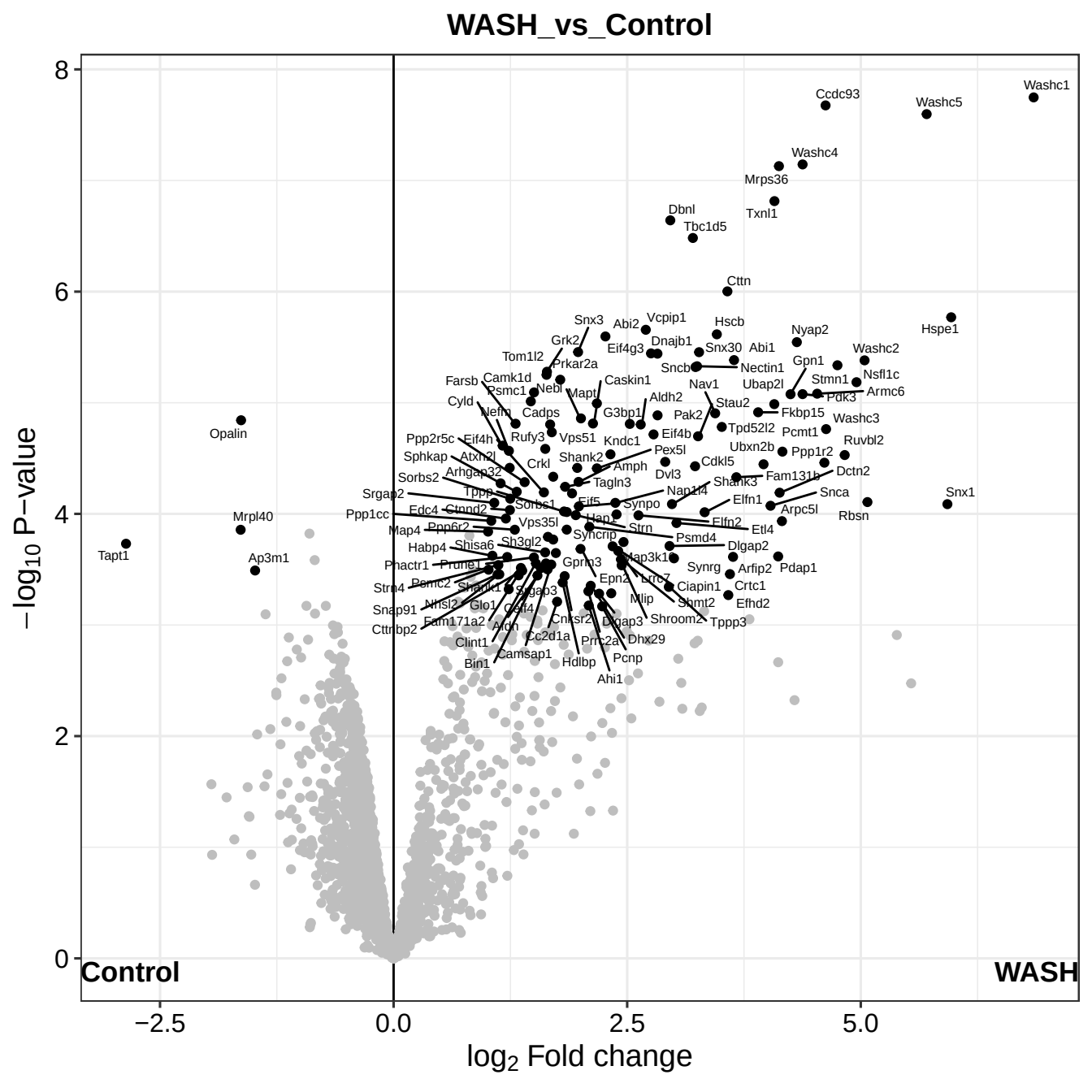

Missing values pattern
Missing value
Valid value
WASH_1
WASH_2
WASH_3
Control_3
Control_1
Control_2


Density
0.4
0.3
0.2
0.1
0.0
20
25
30
35
40
log2 Intensity
Missing values
FALSE
TRUE
Cumulative fraction
1.00
0.75
0.50
0.25
0.00
20
25
30
35
40
log2 Intensity
Missing values
FALSE
TRUE


raw
vsn
WASH_3
WASH_2
WASH_1
Control_3
Control_2
Control_1
20
25
30
35
40
log2 Intensity
condition
Control
WASH


PCA plot − top 500 variable proteins
PC2: 9.8%
PC1: 74.3%
5
0
−5
−10
−15
−20
−10
0
10
20
replicate
1
2
3
condition
Control
WASH


spn
imp
0.15
0.10
0.05
0.00
Density
15
20
25
30
35
40
log2 Intensity
condition
Control
WASH


WASH_vs_Control
8
6
4
2
0
−log10 P−value
−2.5
0.0
2.5
5.0
log2 Fold change
Control
WASH
Washc1
Ccdc93
Washc5
Washc4
Mrps36
Txnl1
Dbnl
Tbc1d5
Cttn
Hspe1
Nyap2
Washc2
Gpn1
Nsfl1c
Stmn1
Armc6
Pdk3
Ubap2l
Nav1
Stau2
Fkbp15
Washc3
Pcmt1
Ruvbl2
Ppp1r2
Ubxn2b
Cdkl5
Dctn2
Fam131b
Shank3
Snca
Snx1
Rbsn
Arpc5l
Elfn1
Elfn2
Etl4
Dlgap2
Pdap1
Arfip2
Synrg
Crtc1
Ciapin1
Efhd2
Shmt2
Tppp3
Shroom2
Dhx29
Pcnp
Ahi1
Hdlbp
Camsap1
Bin1
Clint1
Cc2d1a
Prrc2a
Dgap3
Cnksr2
Ardn
Cttnbp2
Fam171a2
Glo1
Nhsl2
Snap91
Strn4
Pemc2
Phactr1
Habp4
Map4
Ppp6r2
Edc4
Ppp1cc
Srgap2
Sorbs2
Arhgap32
Atxn2l
Sphkap
Ppp2r5c
Eif4h
Rufy3
Vps51
Kndc1
Eif4b
Pex5l
Shank2
Amph
Dvl3
Crkl
Tagln3
Eif5
Synpo
Nap1l4
Strn
Psmd4
Map3k1
Synrg
Epn2
Lrrc7
Mtip
Ciapin1
Shmt2
Efhd