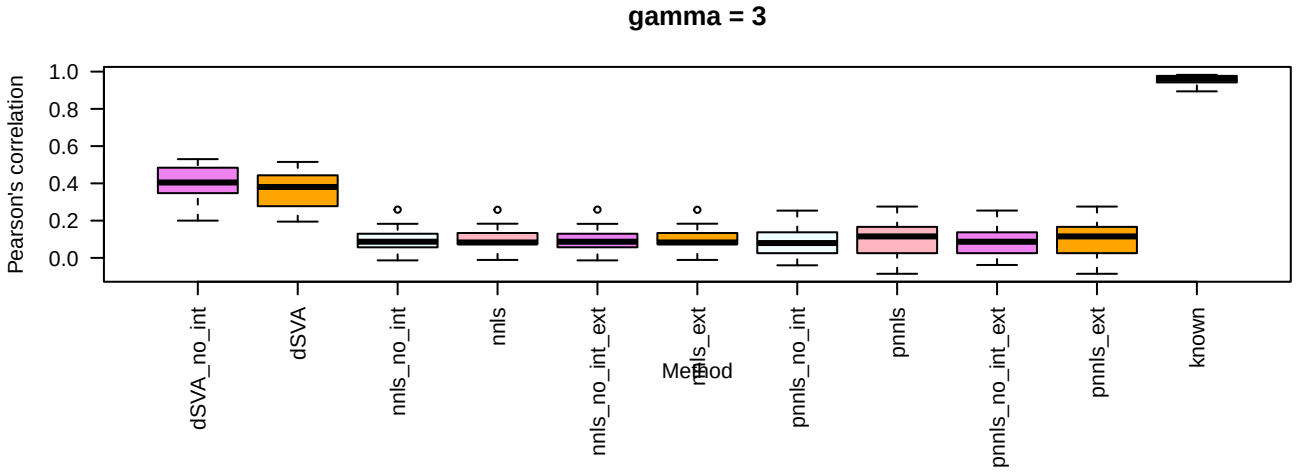
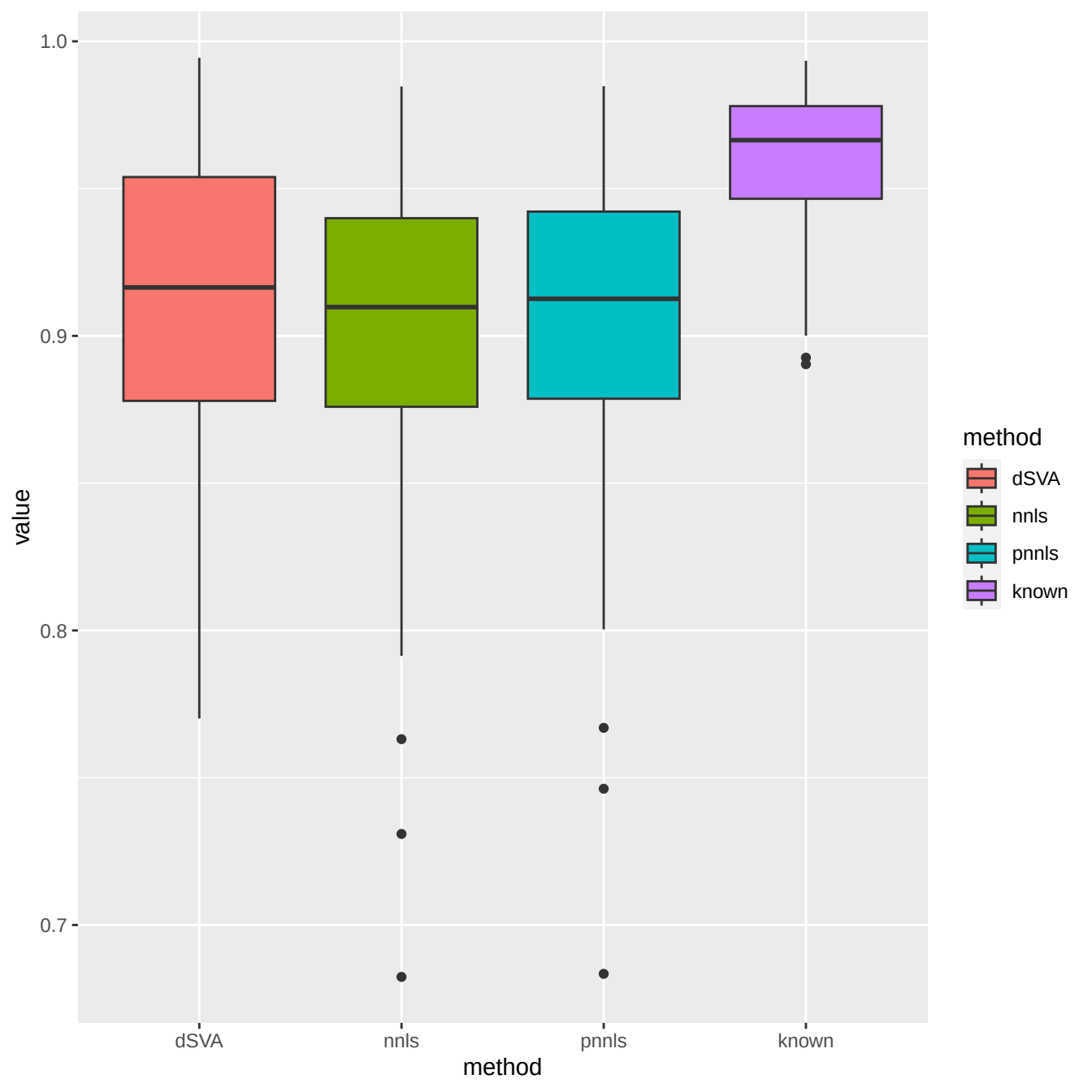
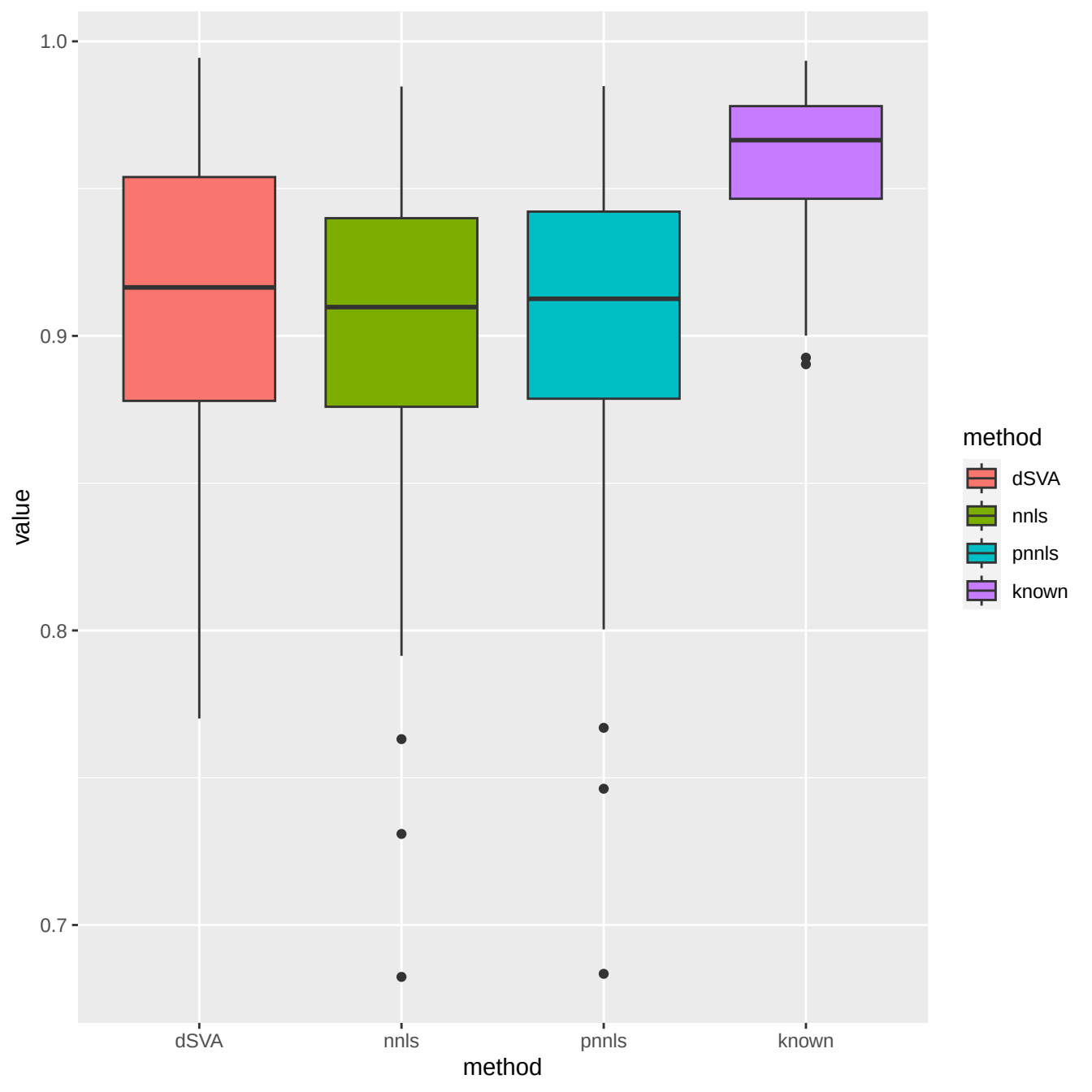
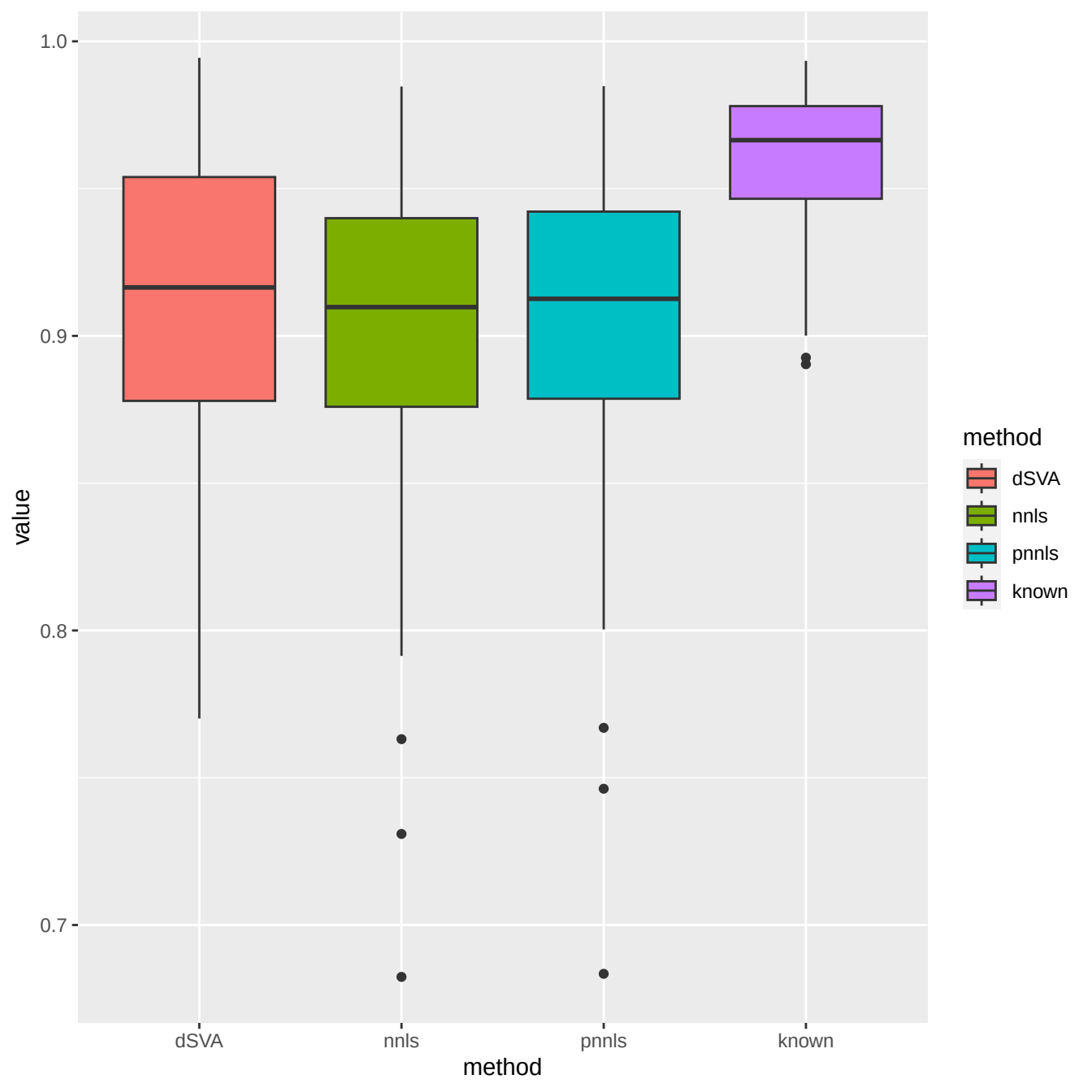
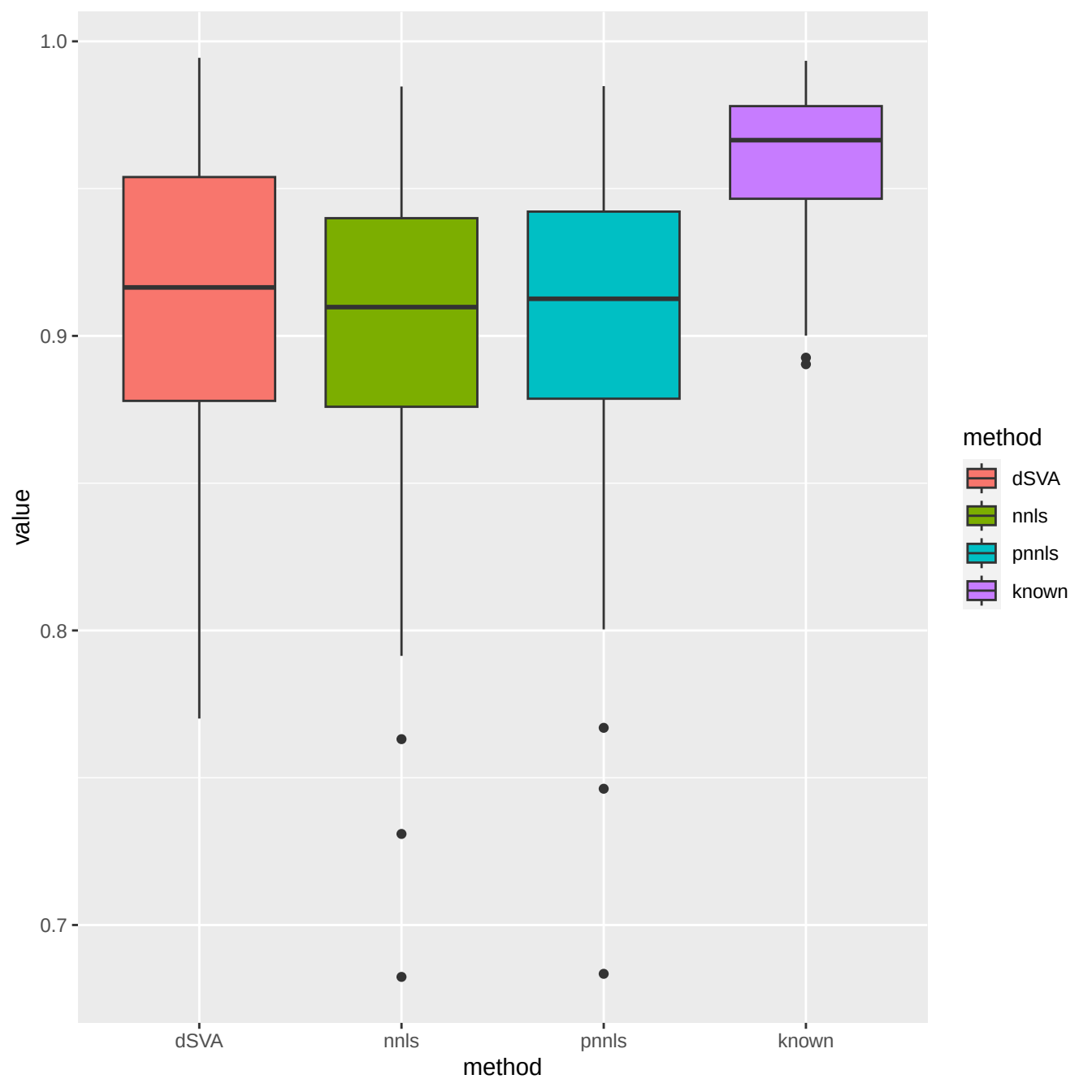
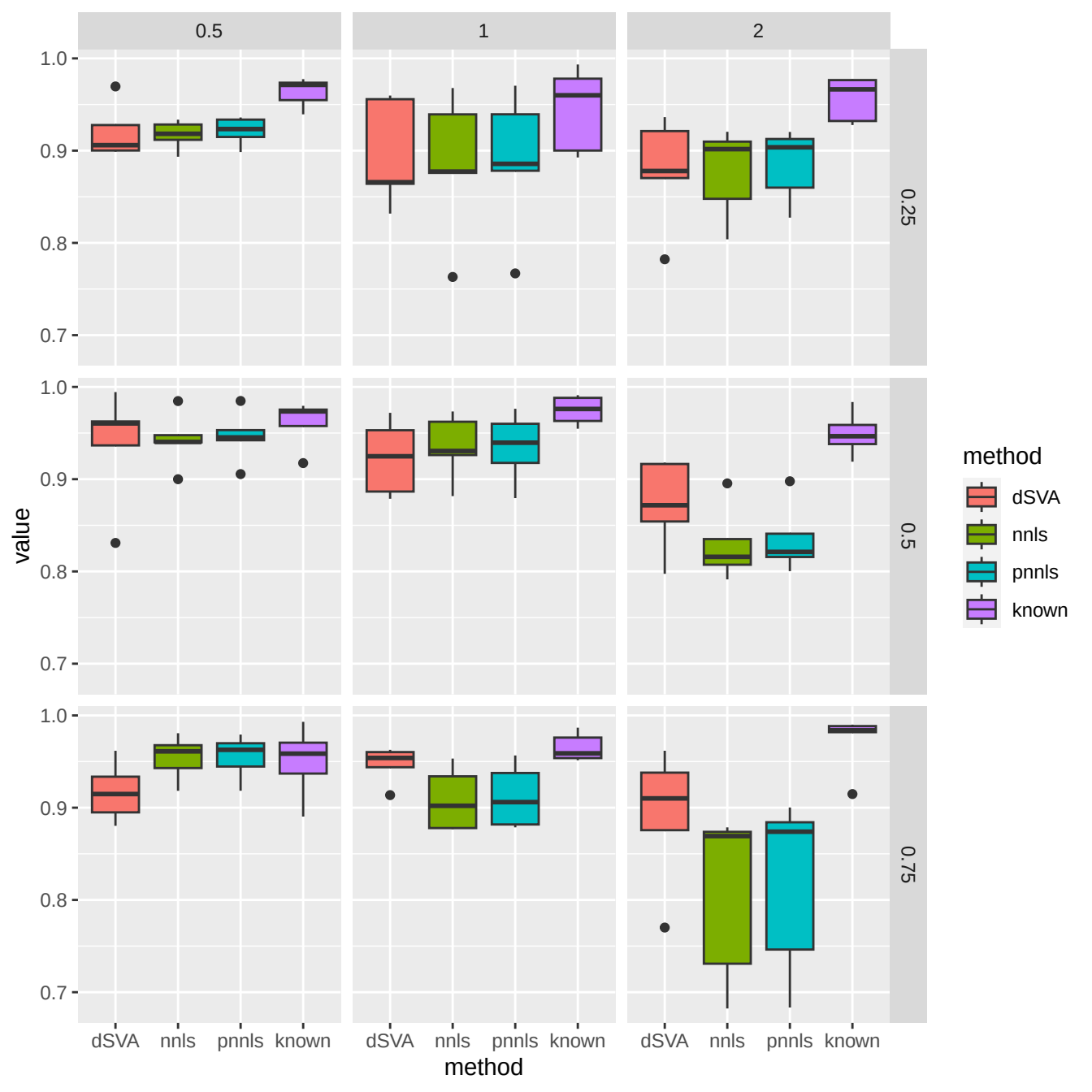

gamma = 3
Pearson's correlation
1.0
0.8
0.6
0.4
0.2
0.0
dSVA_no_int
dSVA
nnls_no_int
nnls
nnls_no_int_ext
nnls_ext
pnnls_no_int
pnnls
pnnls_no_int_ext
pnnls_ext
known
Method

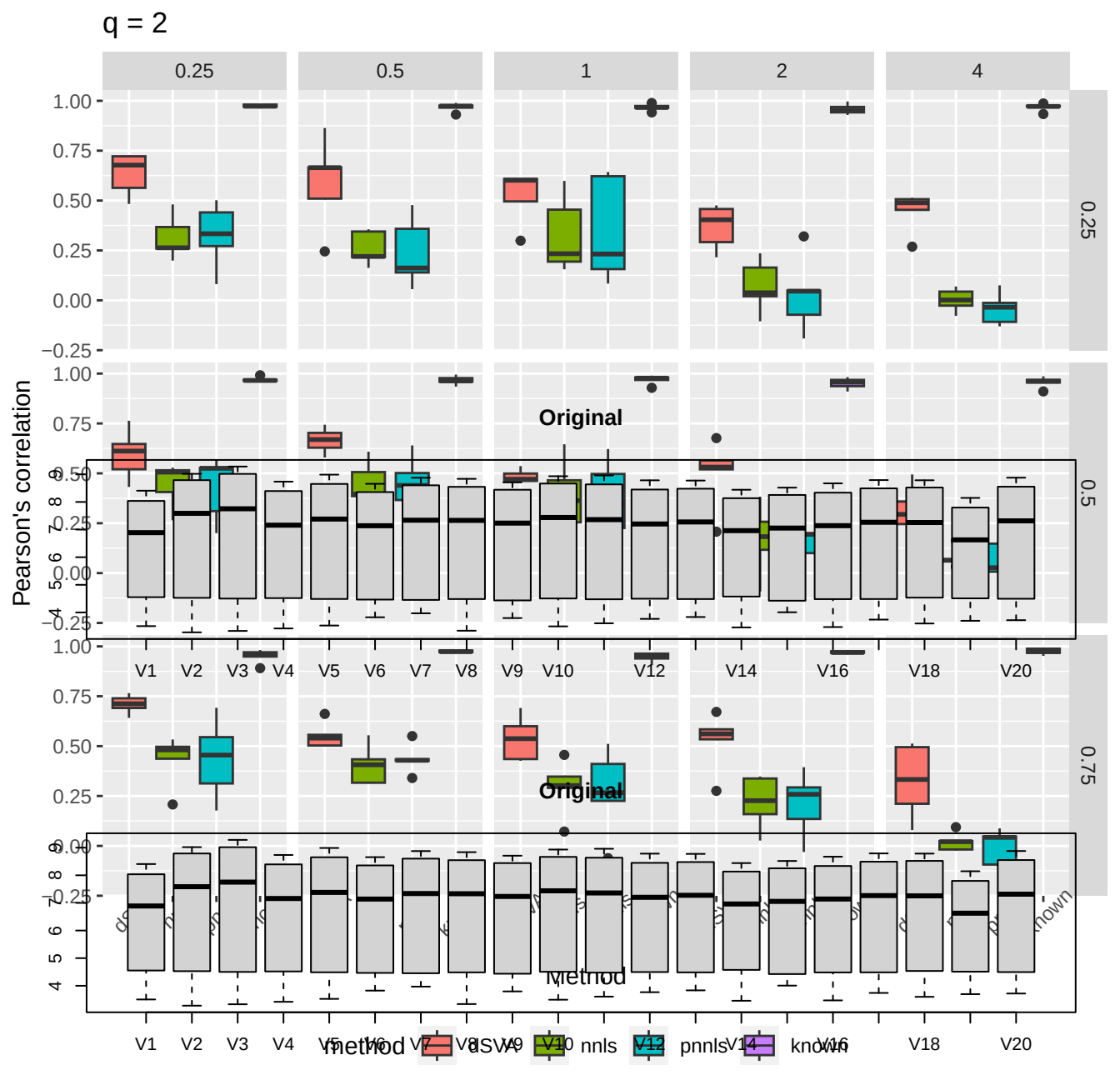

1.0
0.9
0.8
0.7
value
dSVA
nnls
pnnls
known
method
method
dSVA
nnls
pnnls
known

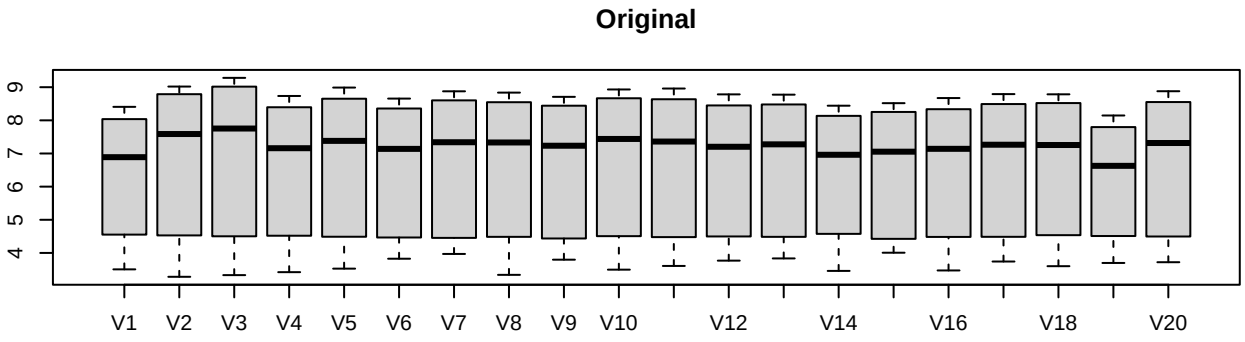

1.0
0.9
0.8
0.7
value
dSVA
nnls
pnnls
known
method
method
dSVA
nnls
pnnls
known

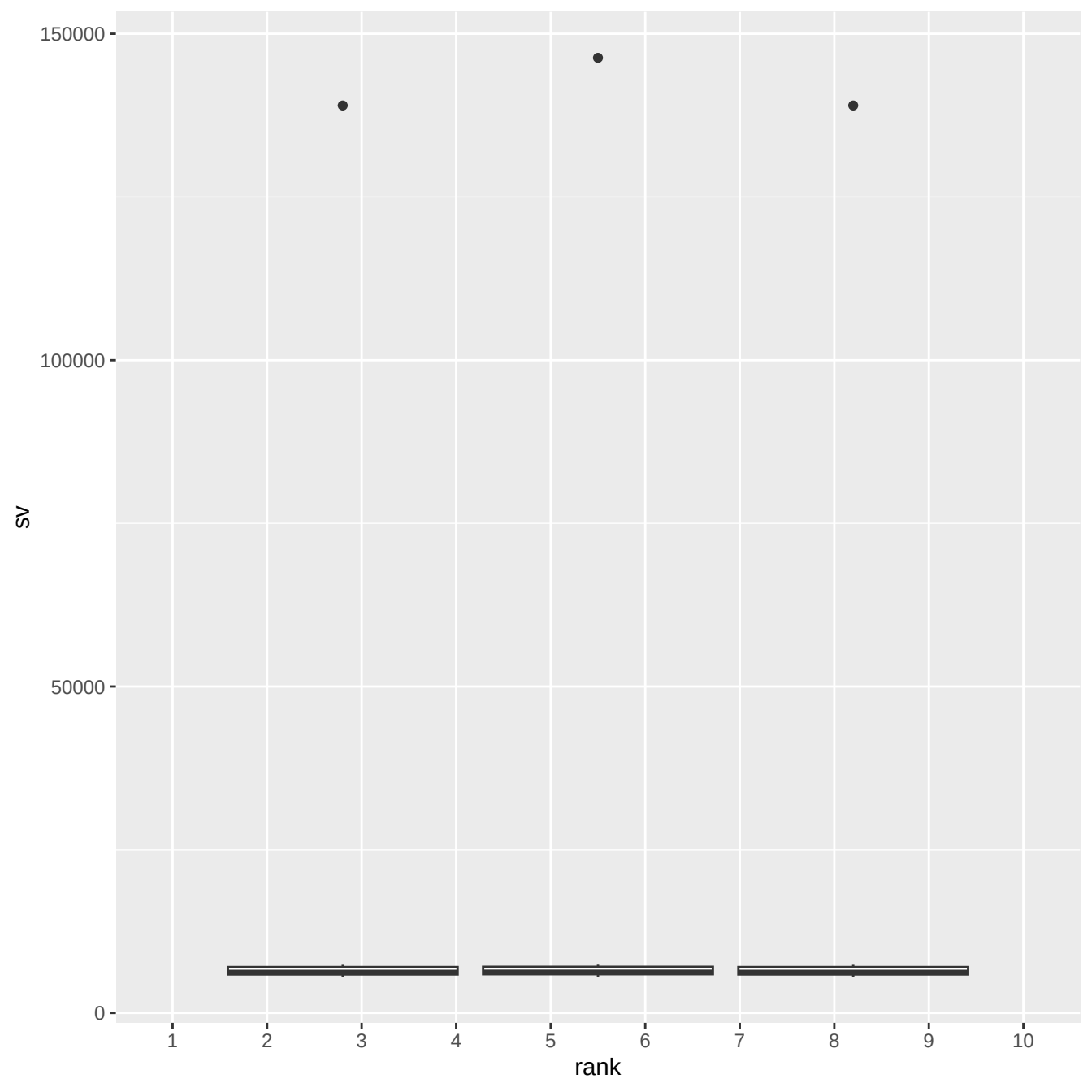

1.0
0.9
0.8
0.7
value
dSVA
nnls
pnnls
known
method
method
dSVA
nnls
pnnls
known

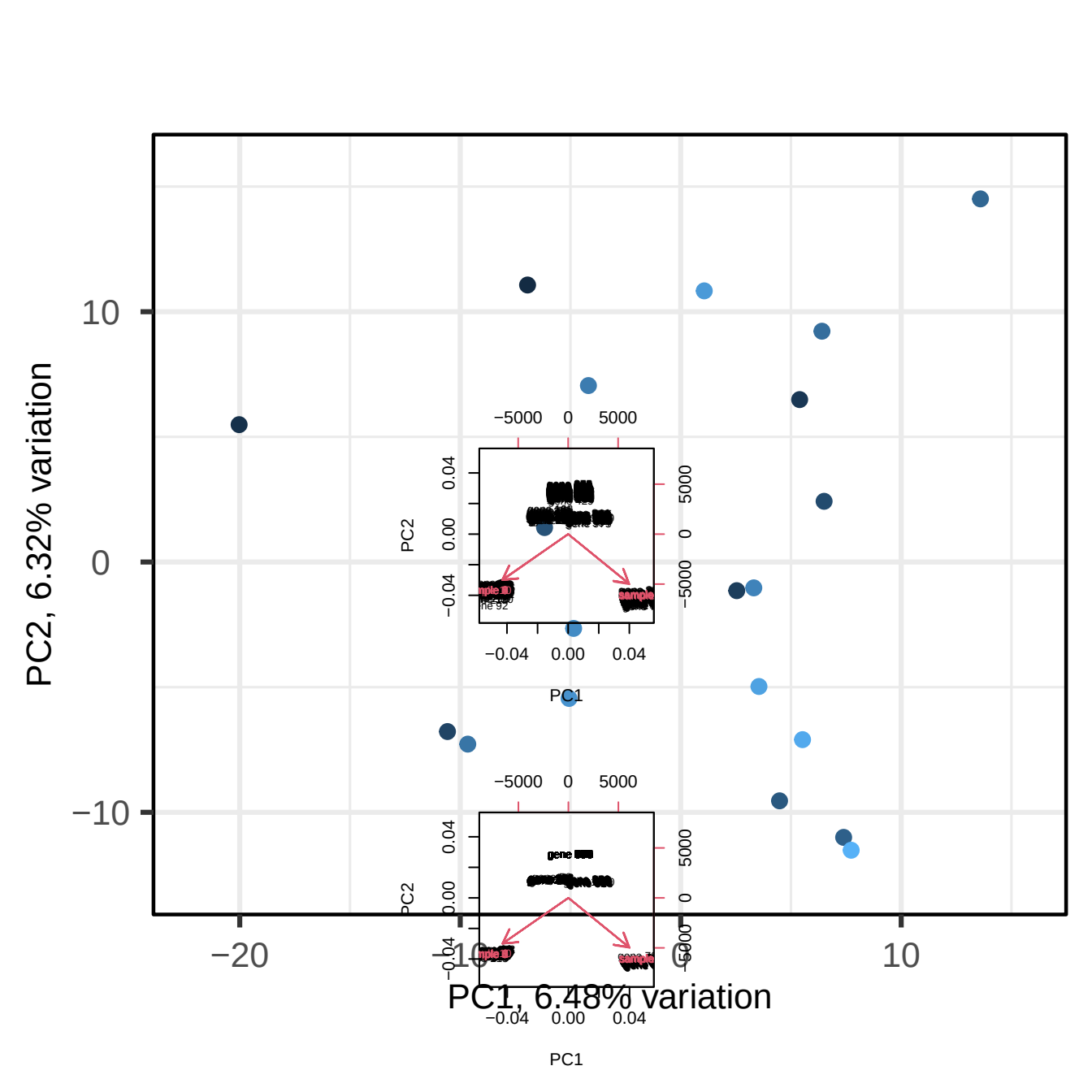

1.0
0.9
0.8
0.7
value
dSVA
nnls
pnnls
known
method
method
dSVA
nnls
pnnls
known

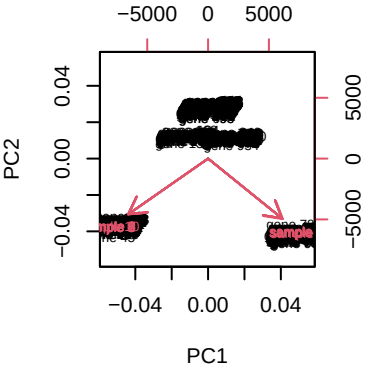

0.5
1
2
0.25
0.5
0.75
1.0
0.9
0.8
0.7
value
dSVA
nnls
pnnls
known
method
method
dSVA
nnls
pnnls
known

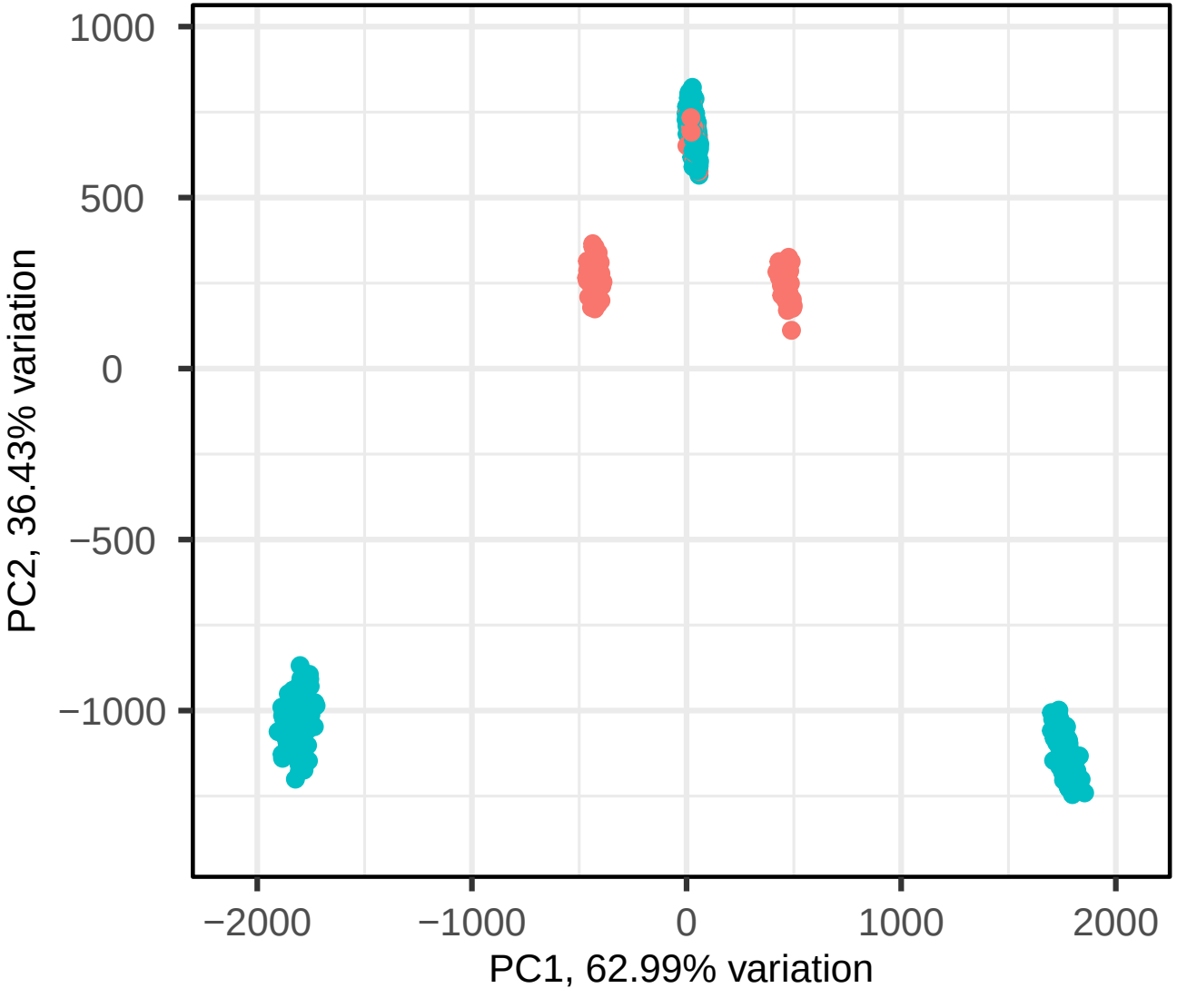

q = 2
0.25
0.5
1
2
4
Pearson's correlation
Original
Method
dSVA
nnls
pnnls
known
Rows: p_sig; columns: gamma


Original
4
5
6
7
8
9
V1
V2
V3
V4
V5
V6
V7
V8
V9
V10
V12
V14
V16
V18
V20


150000
100000
50000
0
sv
1
2
3
4
5
6
7
8
9
10
rank


PC2, 6.32% variation
PC1, 6.48% variation
10
0
−10
−20
−10
0
10
PC2
PC1
−5000
0
5000
−0.04
0.00
0.04


−5000
0
5000
0.04
0.00
−0.04
PC2
5000
0
−5000
−0.04
0.00
0.04
PC1
sample


1000
500
0
−500
−1000
PC2, 36.43% variation
−2000
−1000
0
1000
2000
PC1, 62.99% variation