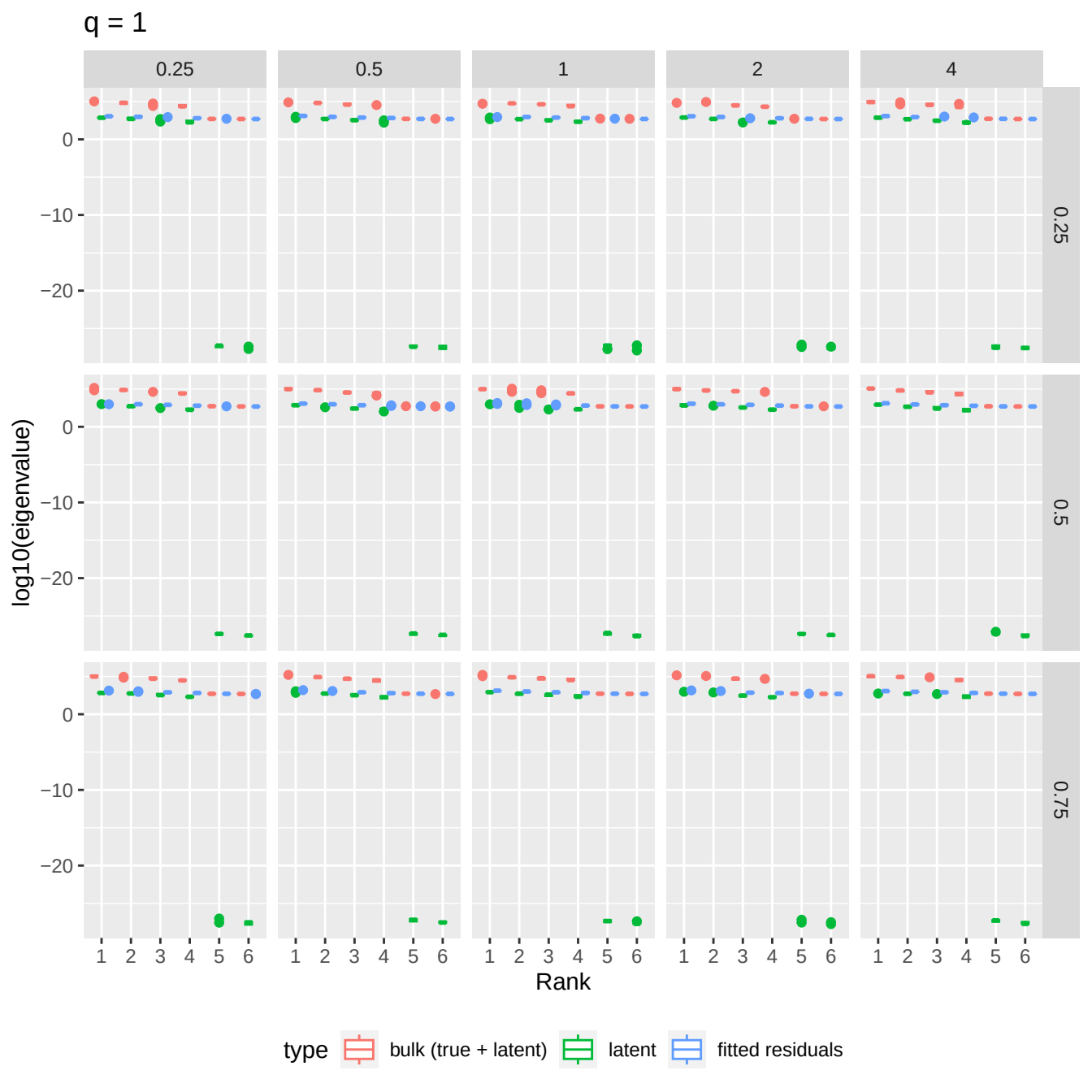
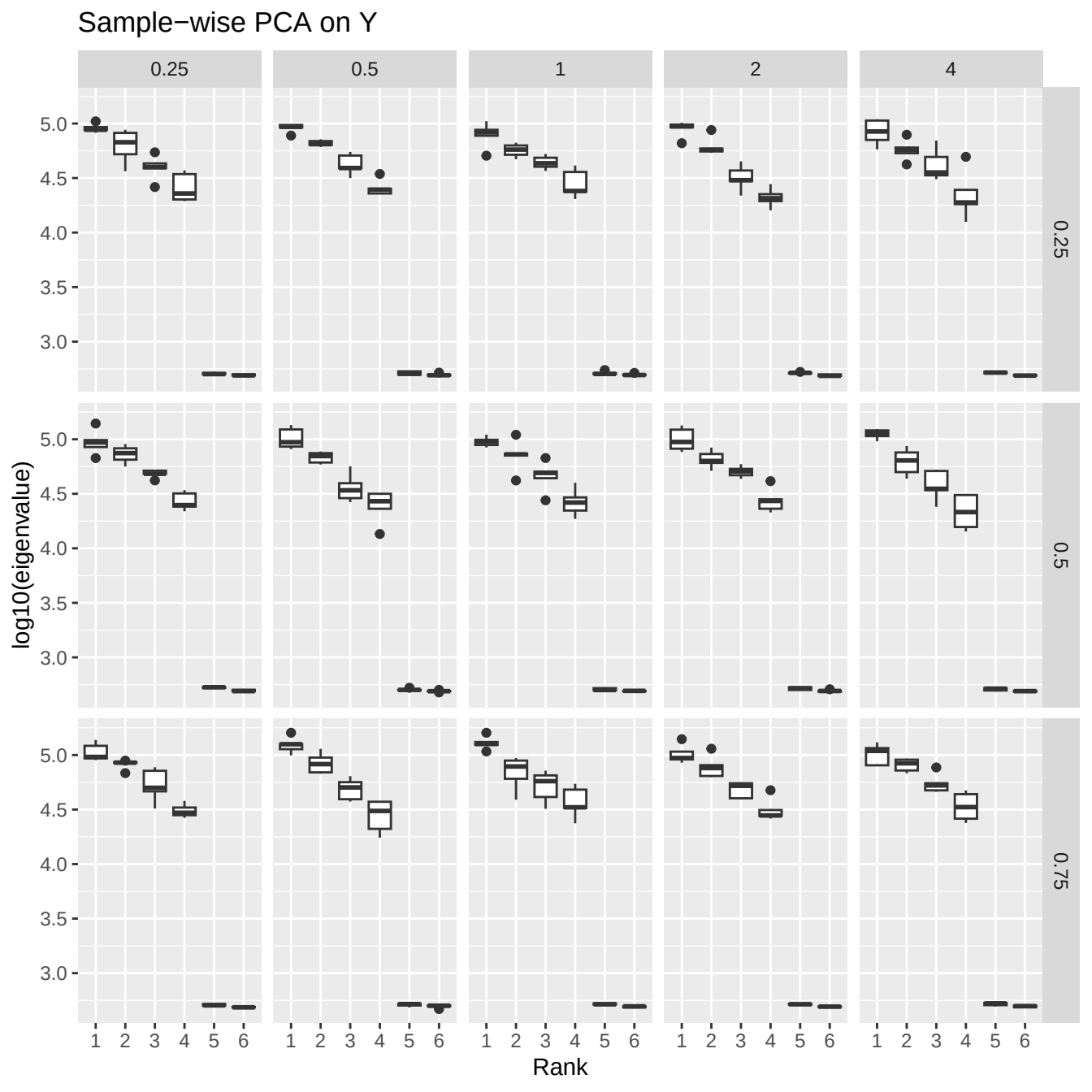
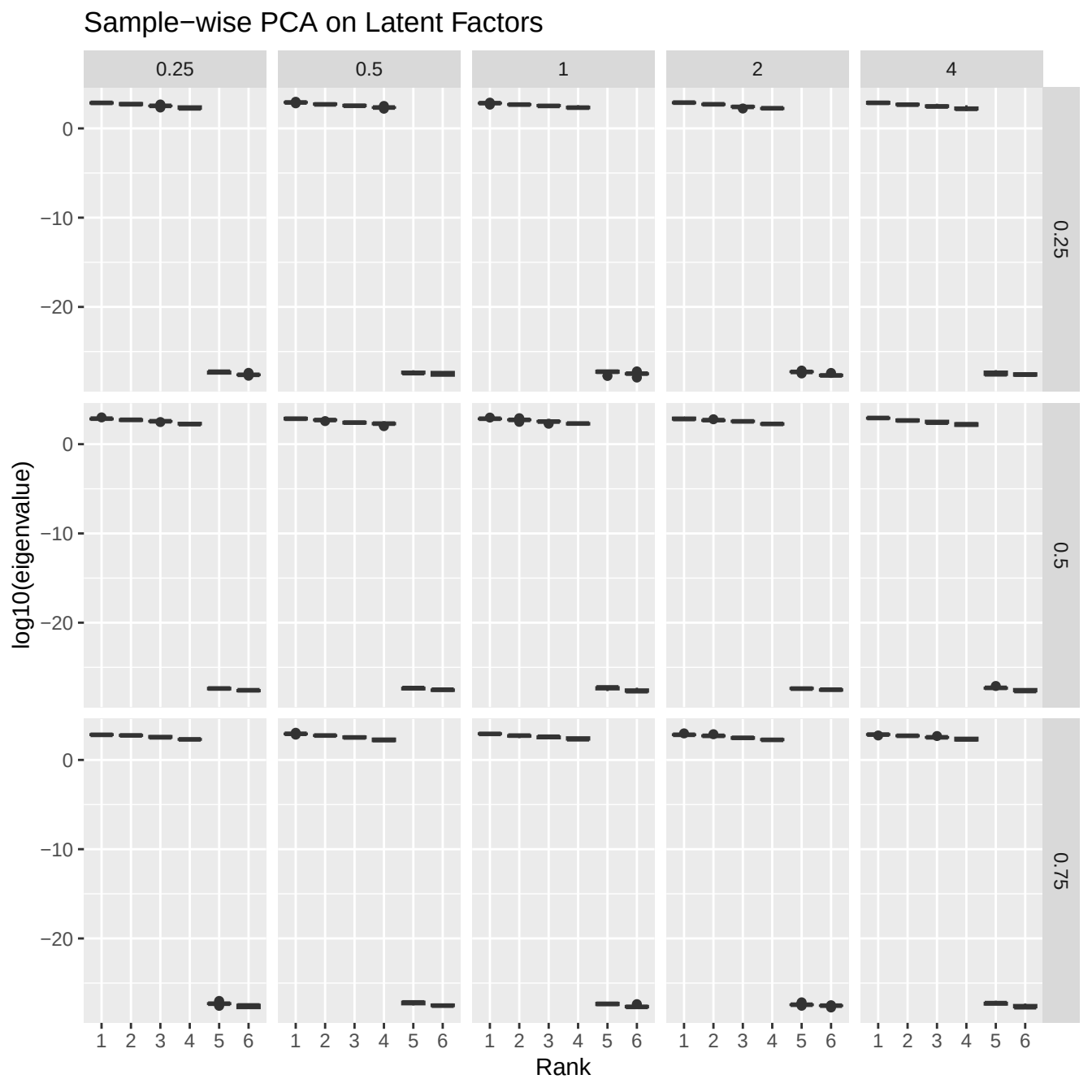
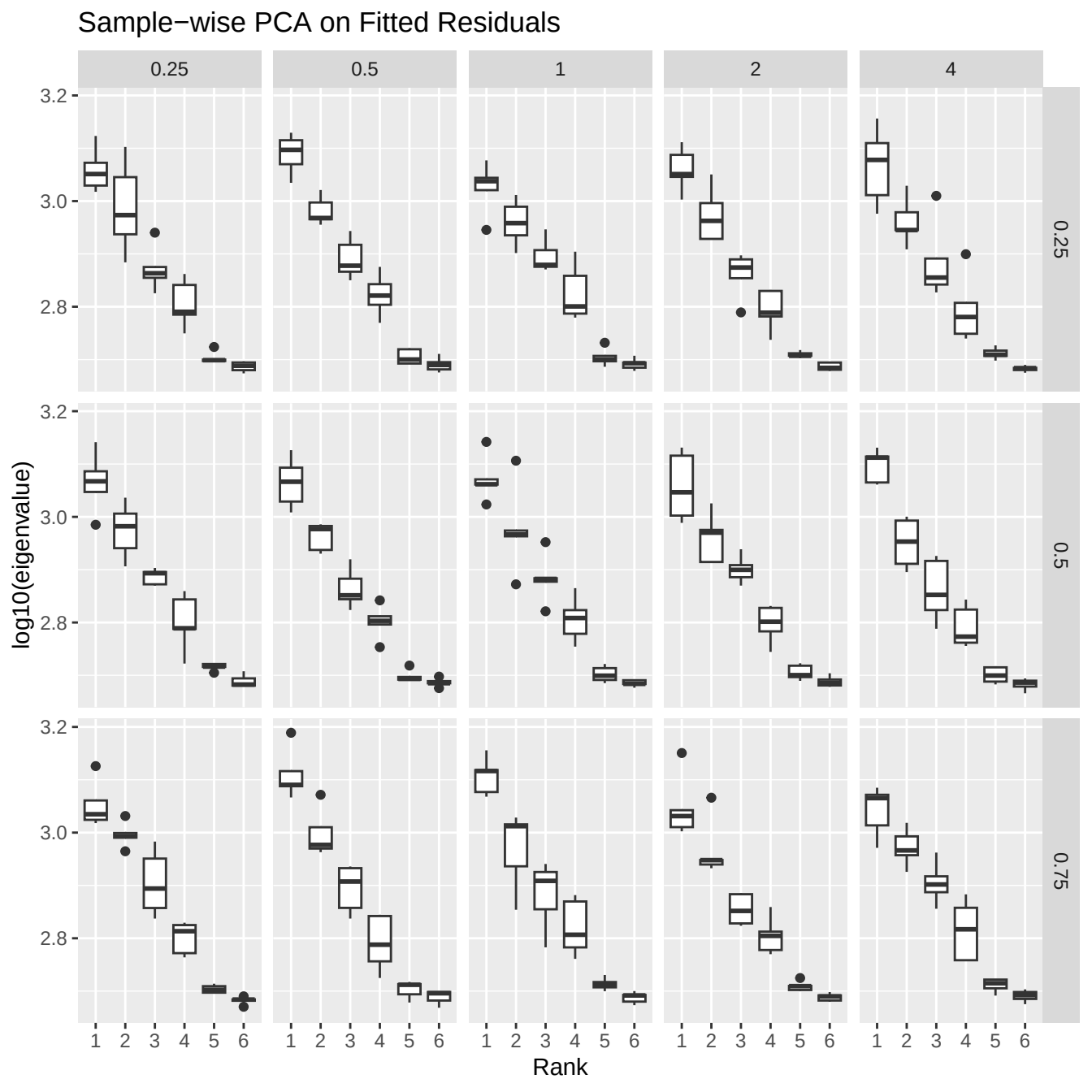

q = 1
0.25
0.5
1
2
4
0.25
0.5
0.75
log10(eigenvalue)
0
−10
−20
1 2 3 4 5 6
Rank
type
bulk (true + latent)
latent
fitted residuals


Sample−wise PCA on Y
0.25
0.5
1
2
4
0.25
0.5
0.75
log10(eigenvalue)
5.0
4.5
4.0
3.5
3.0
1 2 3 4 5 6
Rank


Sample−wise PCA on Latent Factors
0.25
0.5
1
2
4
0.25
0.5
0.75
0
−10
−20
log10(eigenvalue)
1 2 3 4 5 6
Rank


Sample−wise PCA on Fitted Residuals
0.25
0.5
1
2
4
0.25
0.5
0.75
log10(eigenvalue)
3.2
3.0
2.8
1 2 3 4 5 6
Rank