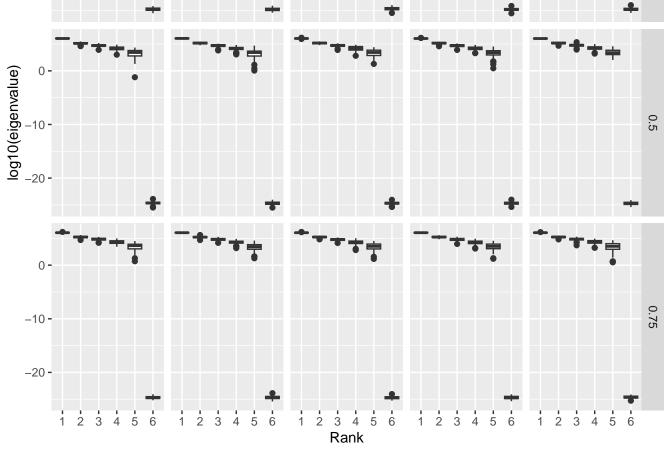


Sample-wise PCA on Y 0.25 0.5 2 4 1 6.0 - 🛨 5.5 **-**4.5 -4.0 log10(eigenvalue) 4.0 -6.0 -5.5 -5.0 -4.5 **-**4.0 -1 2 5 6 5 2 3 5 6 2 3 3 2 3 6 2 3 4 Rank 5

Sample-wise PCA on Latent Factors 0.25 0.5 2 1 4 0 -0.25 -10 **-**-20 **-**0.5



Sample-wise PCA on Fitted Residuals 0.25 0.5 2 4 0.25 3 log10(eigenvalue) 0.5 3 -0.75 3 -3 3 4 Rank 2 3 2 3