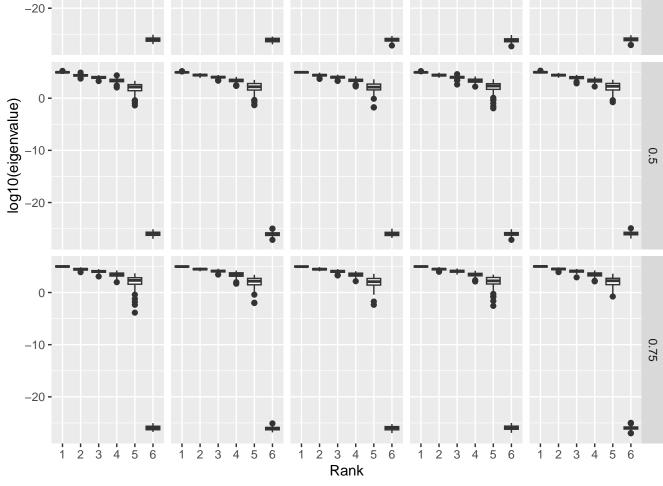


Sample-wise PCA on Y 0.25 0.5 2 4 1 5.0 -4.5 **-**4.0 -3.5 -3.0 log10(eigenvalue) 3.0 -4.0 -3.5 **-**

3.0 -1 2 2 3 4 Rank 5 5 3 6 2 3 5 5 2 3 6 2 3

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



Sample-wise PCA on Fitted Residuals

