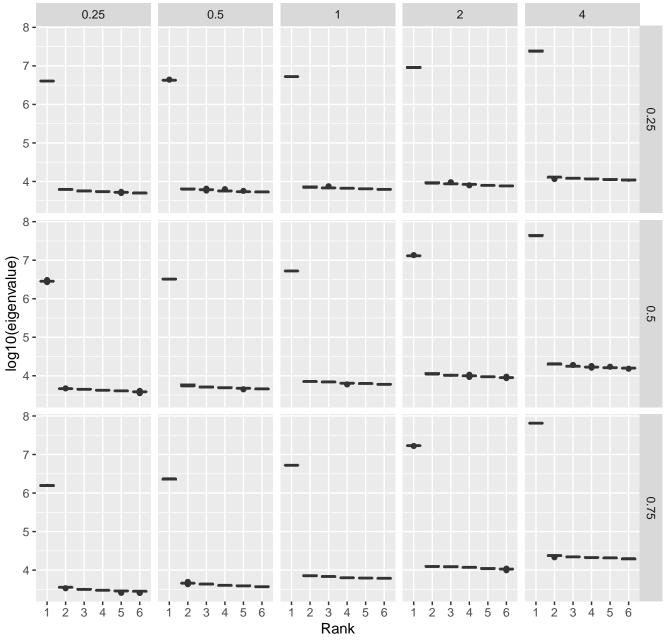


Sample-wise PCA on Y 0.25 0.5 2 4 8 -7 -6 -0.25 5 -4 -8 log10(eigenvalue) 0.5 4 -8 -7 -6 -3 2 3 4 5 6 3 4 Rank 2 3 5 2 5 2 3

## Sample-wise PCA on Latent Factors



## Sample-wise PCA on Fitted Residuals

