q = 1

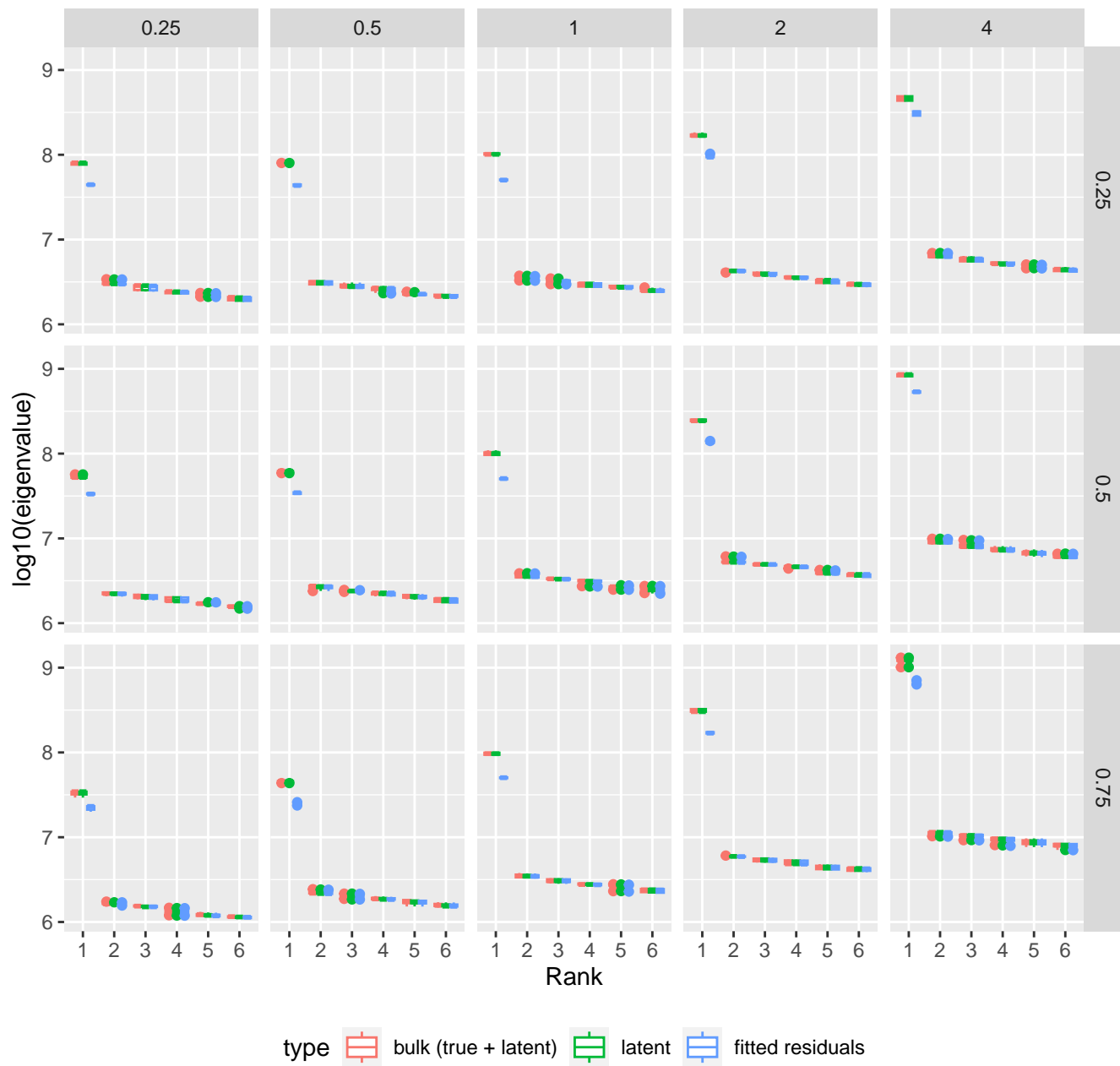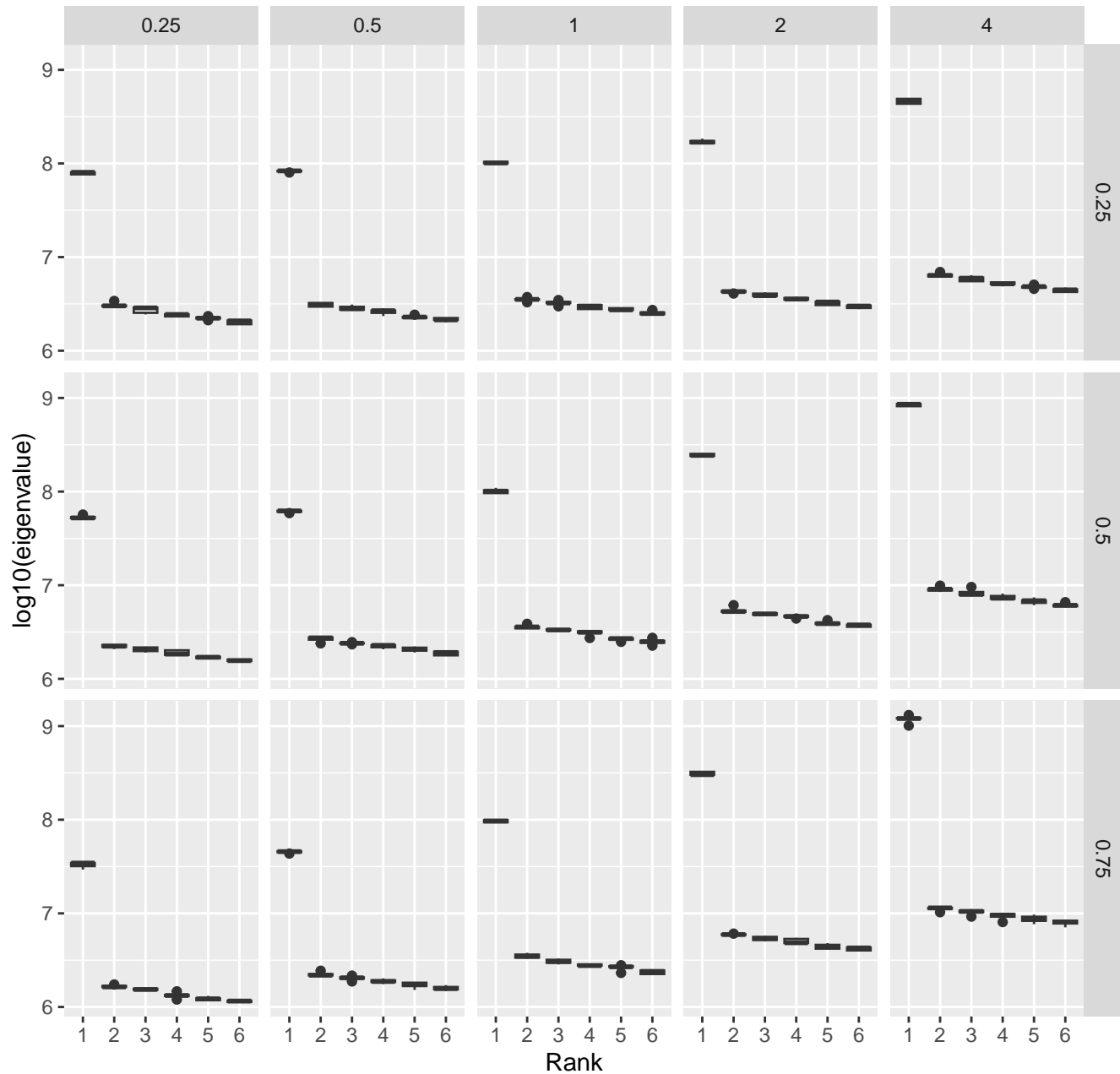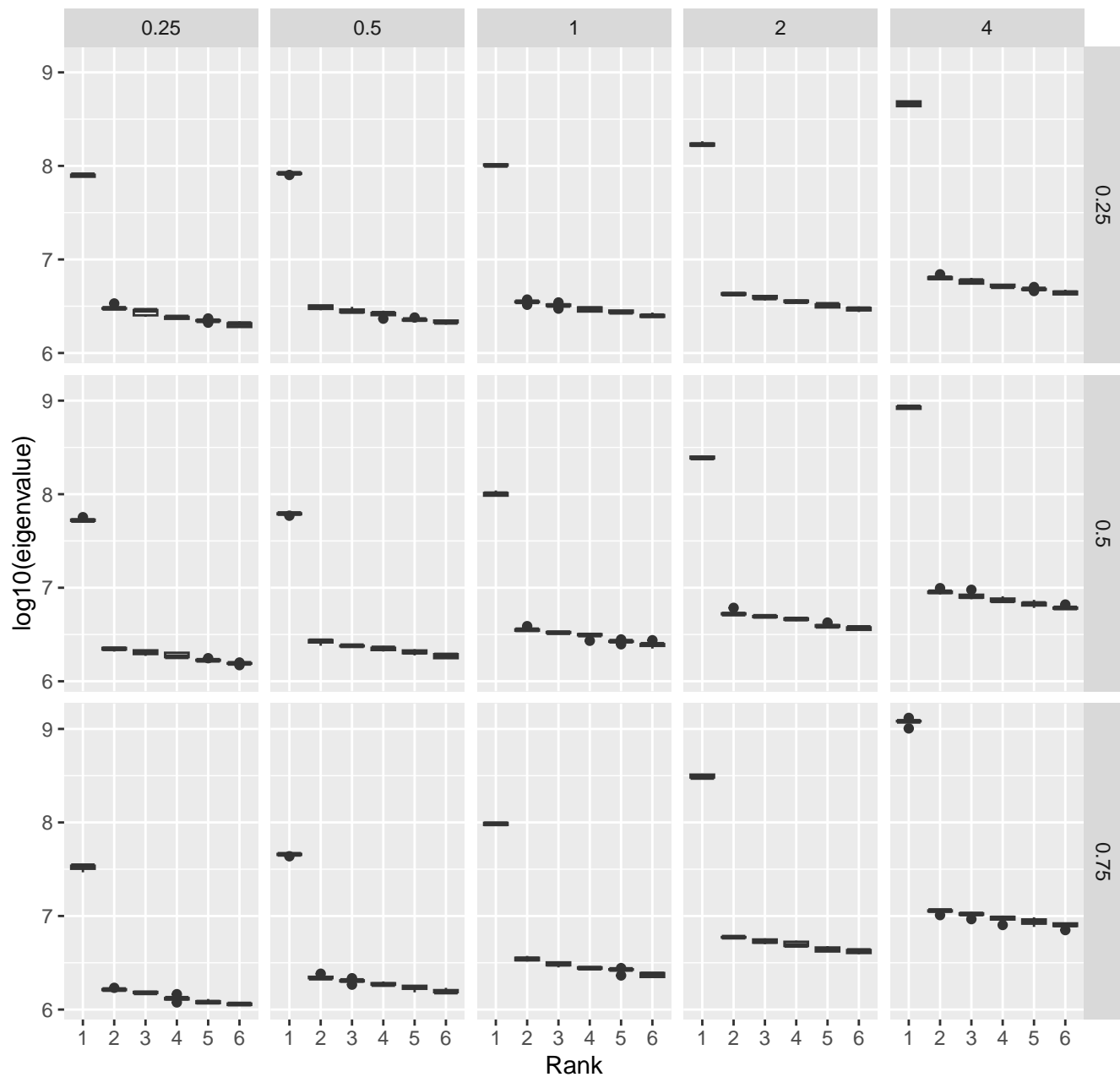Sample−wise PCA on Y

Sample−wise PCA on Latent Factors

Sample−wise PCA on Fitted Residuals