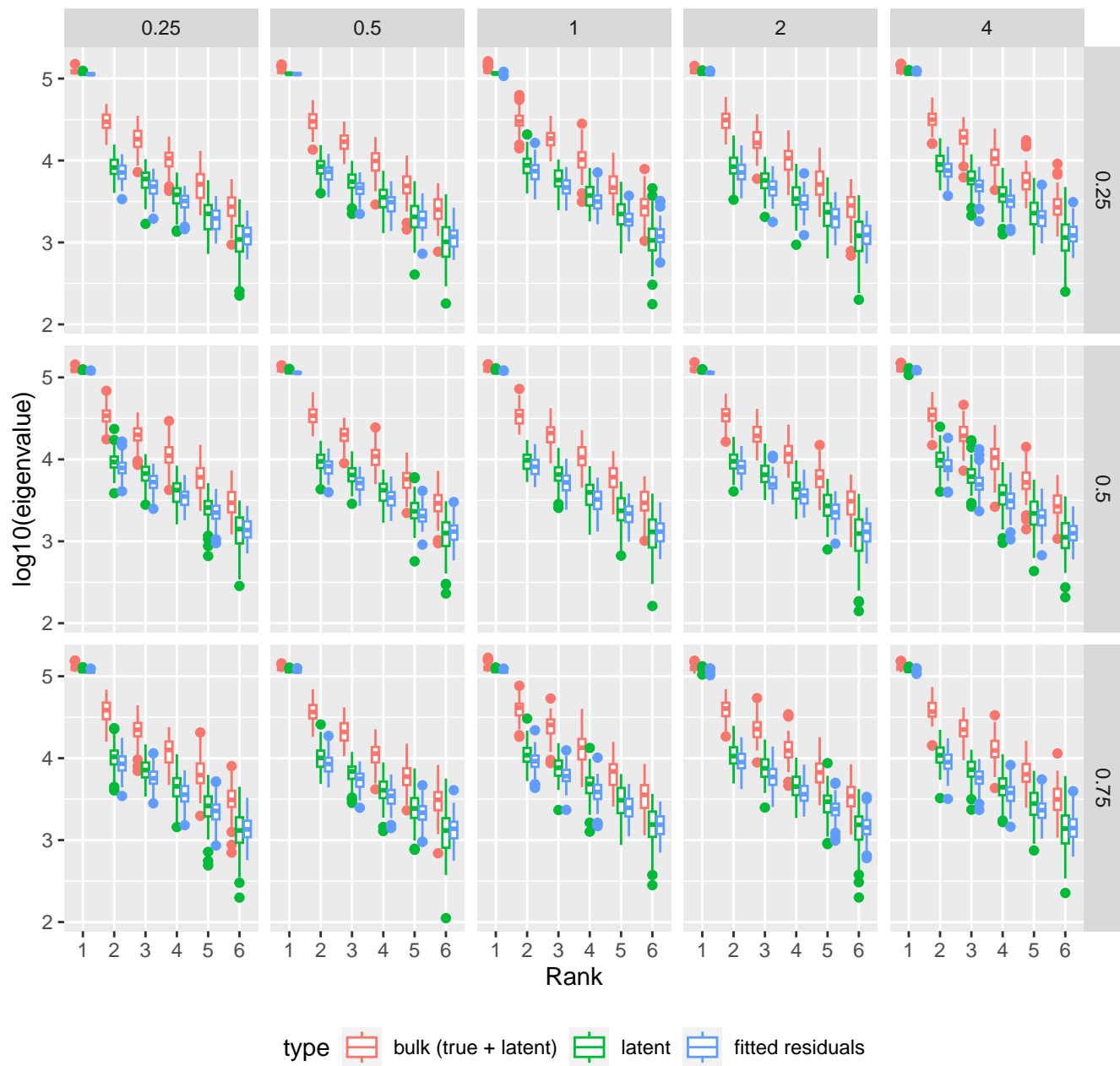
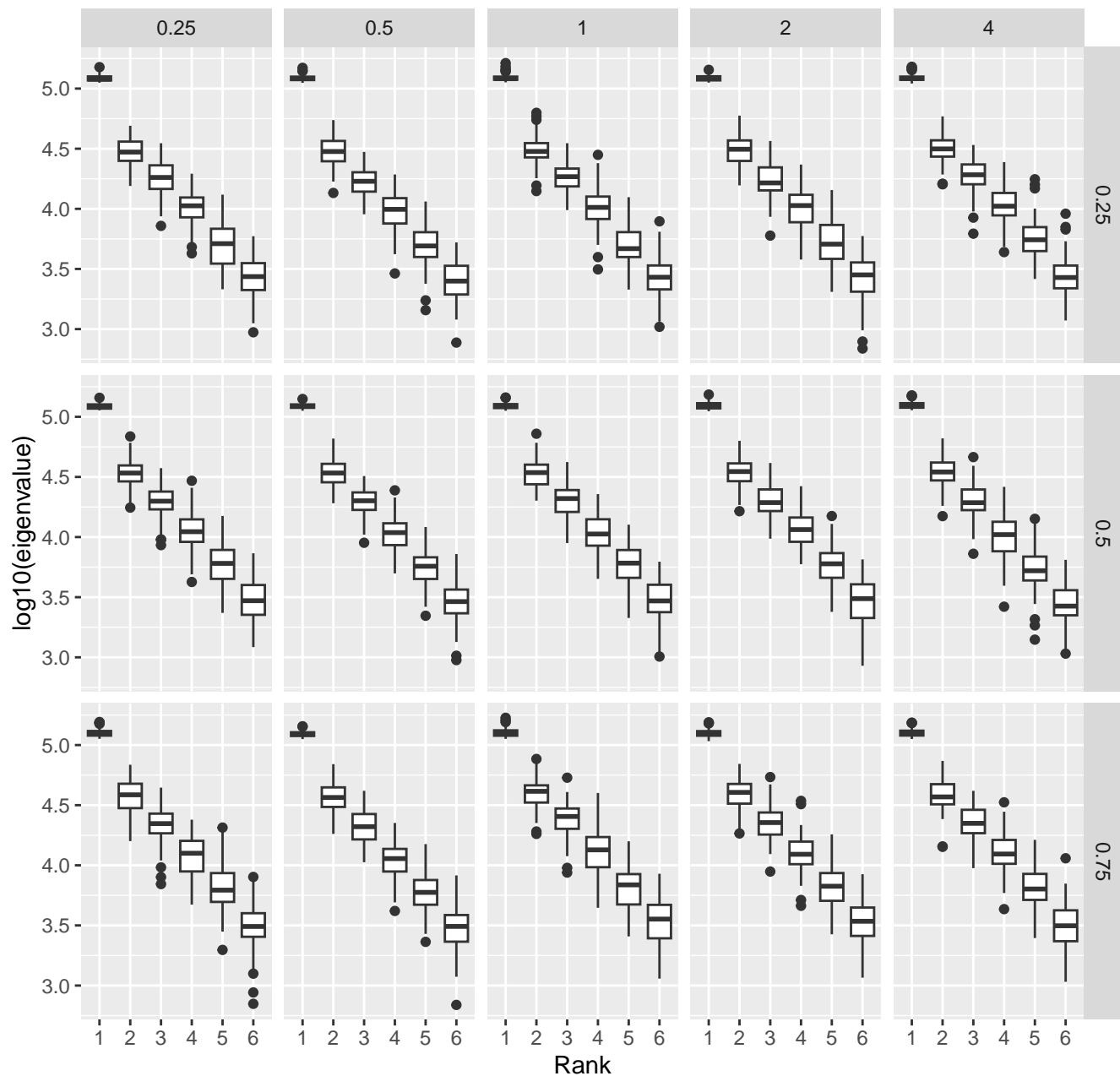


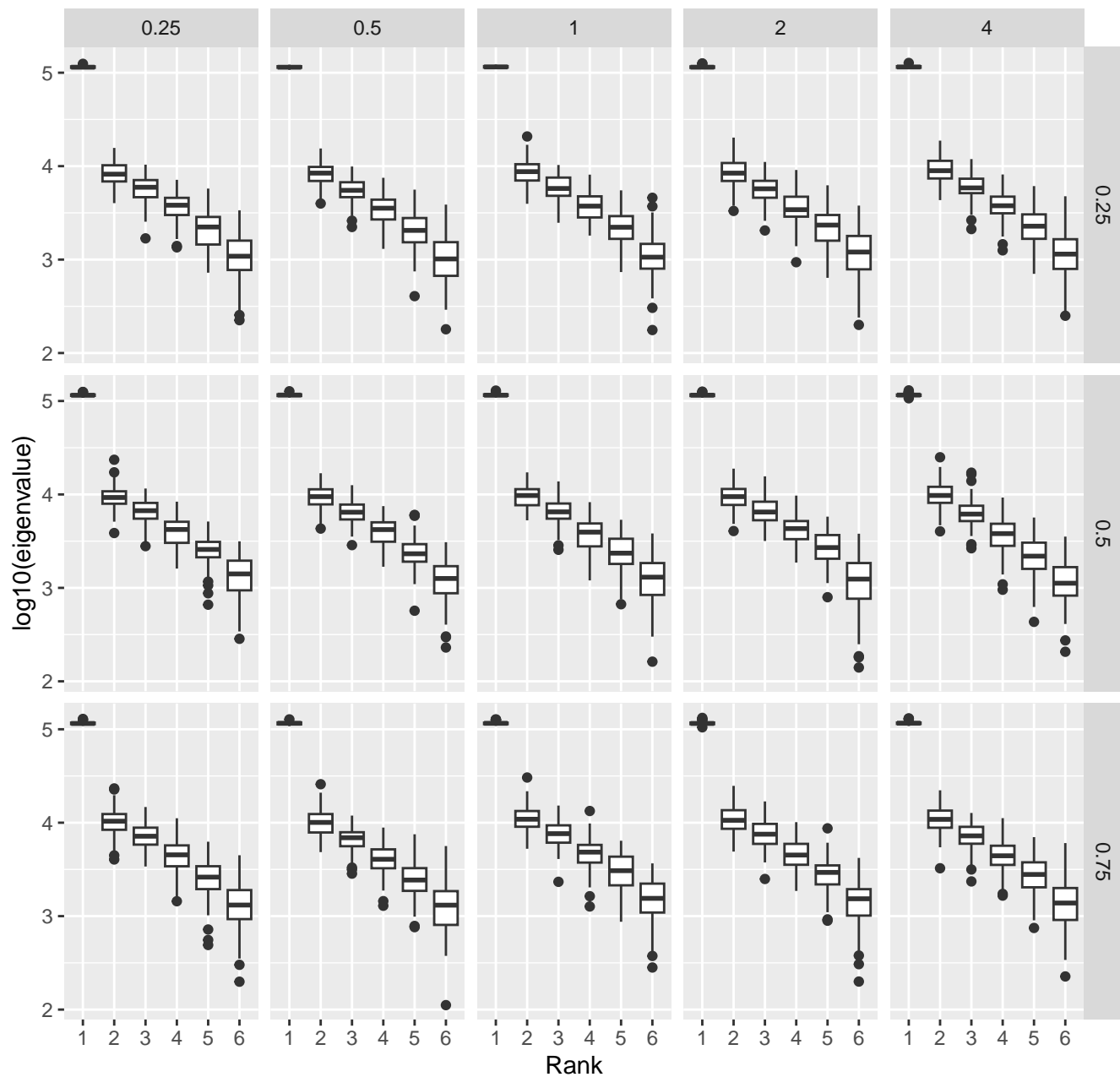
$q = 1$



Sample-wise PCA on Y



Sample-wise PCA on Latent Factors



Sample-wise PCA on Fitted Residuals

