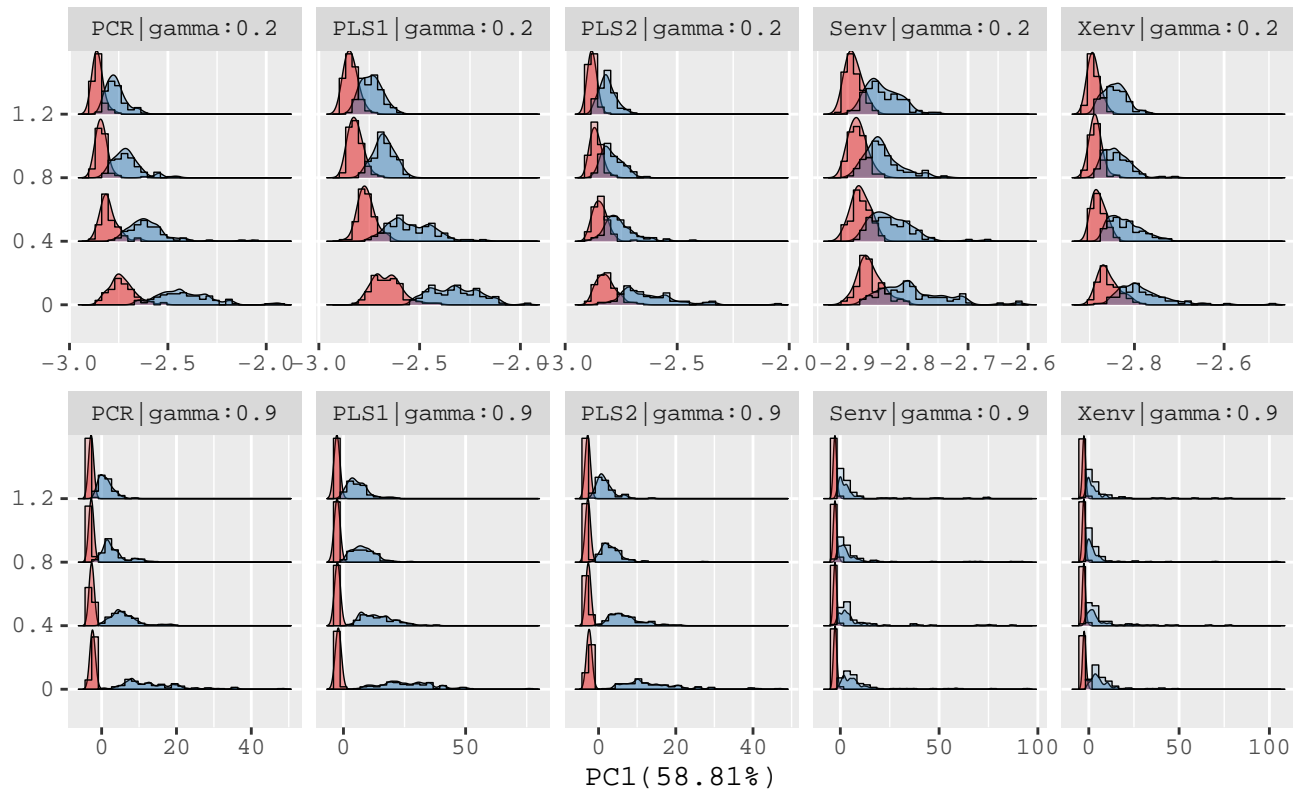Density of PCA scores for error model