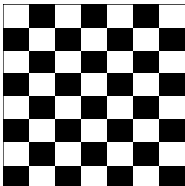
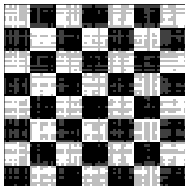


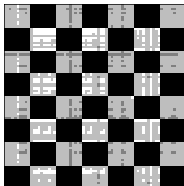
True Chessboard



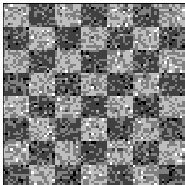
PCA with SVD



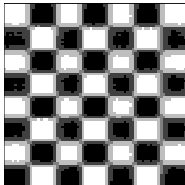
PCA with Group Lasso Penalty



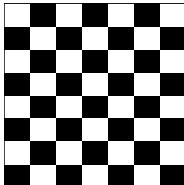
Noisy Chessboard



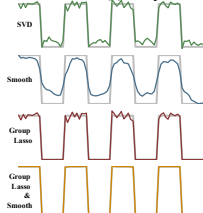
PCA with Smoothness Penalty



PCA with Group Lasso and Smoothness Penalties



First PC Scores (u) Comparison



First PC (v) Comparison

