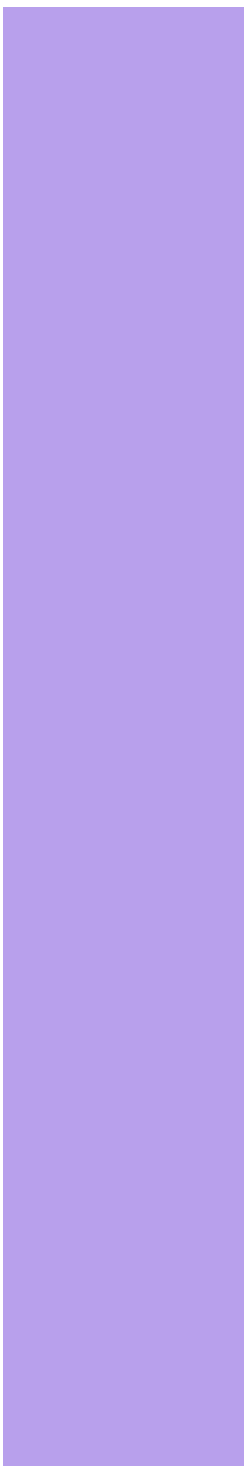


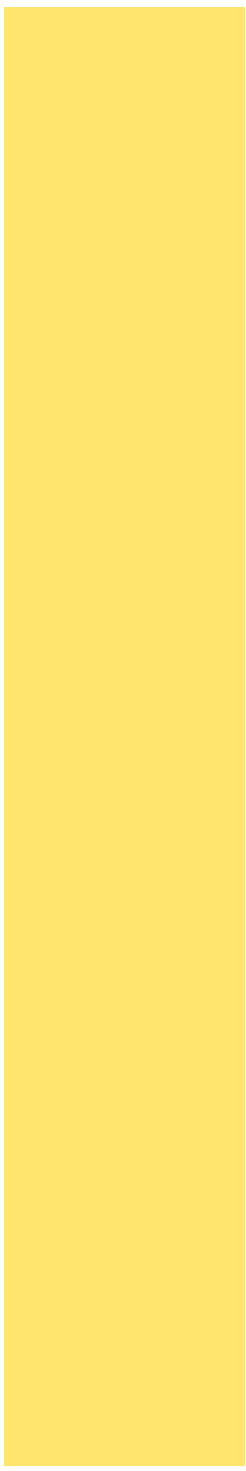


**Dimensionality Reduction**

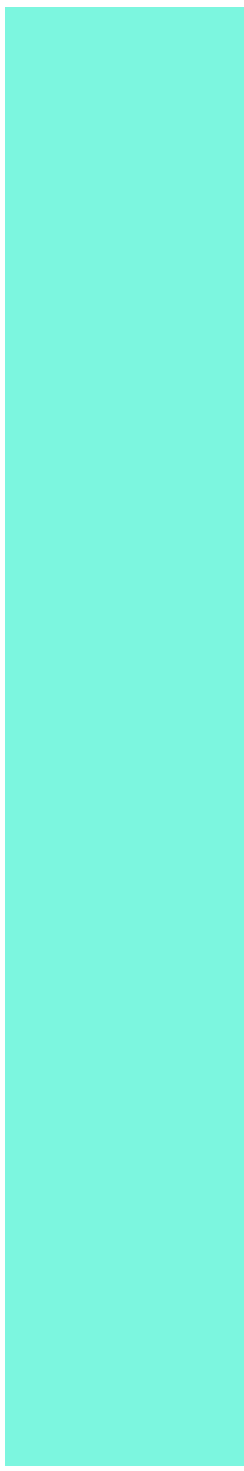
$x_1$



$x_2$

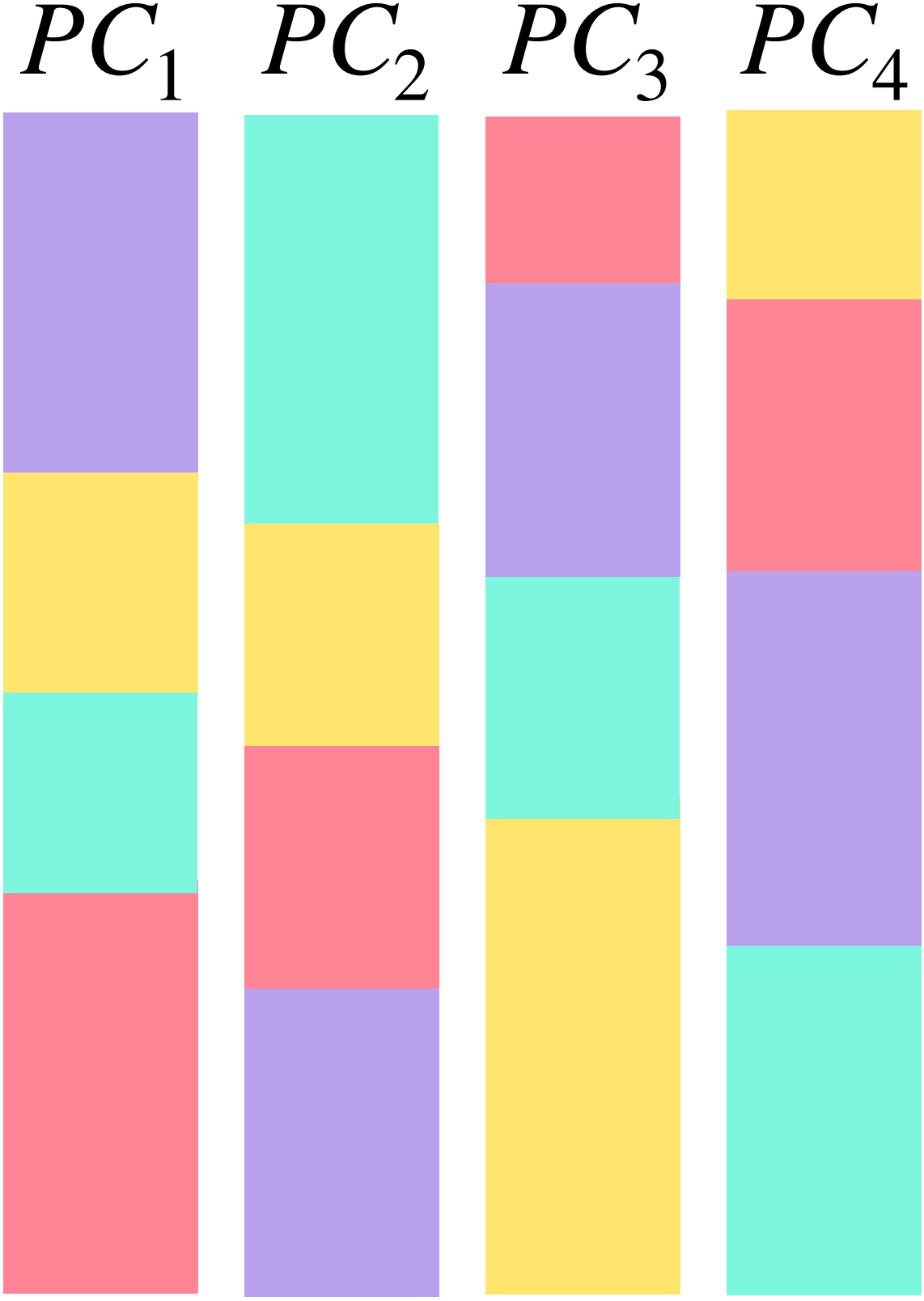


$x_3$



$x_4$

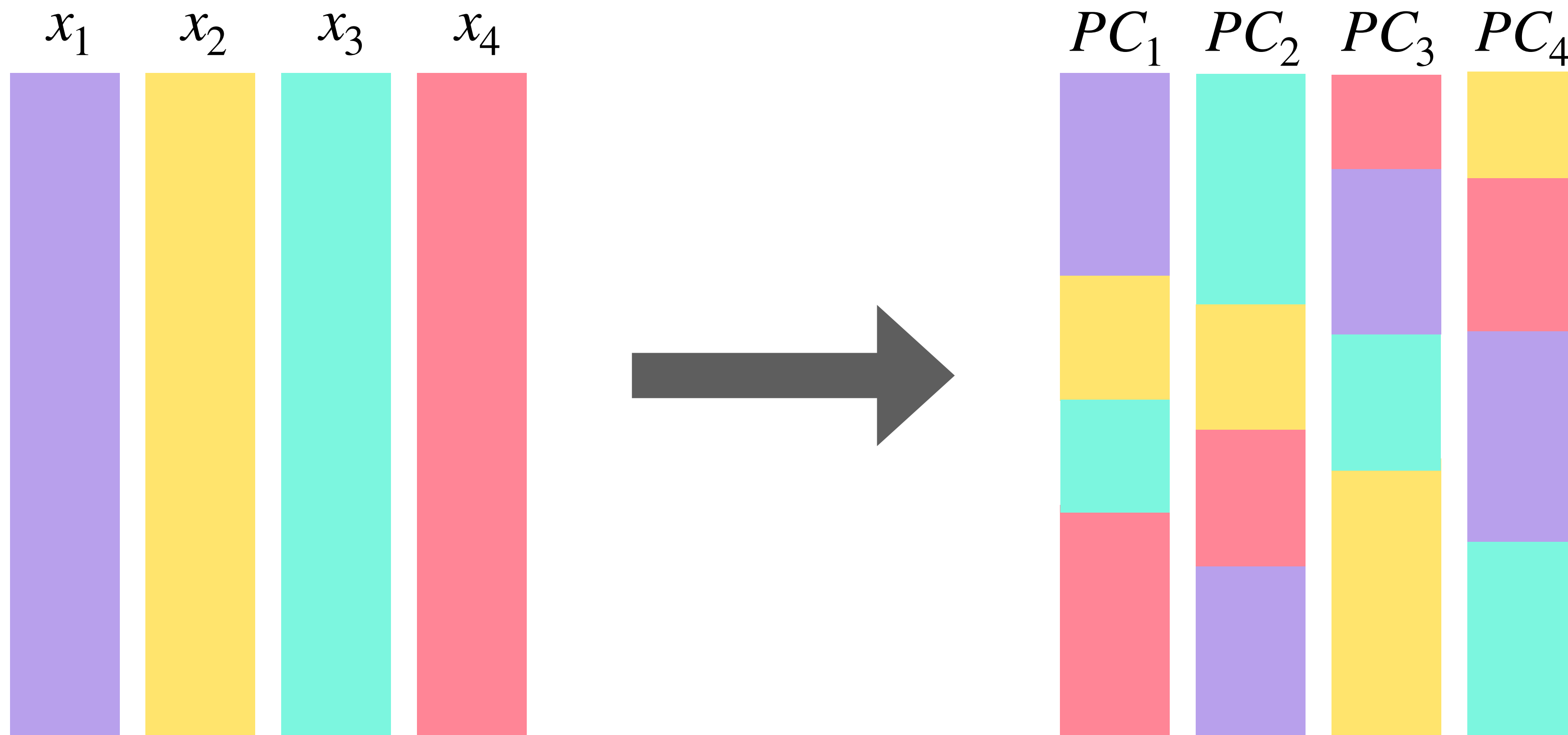






note: this is not variable selection

# Dimensionality Reduction



note: this is **not** variable selection

# Scree and Cumulative Variance Plots

