

1. Start from a set of pricing factors  $F_{t+1}$ .
2. Reduce this set of factors to a few dominant components,  $Z_{t+1}$ , using principal components analysis.
3. Produce separate individual forecasts of each of the  $Z_{t+1}$ , that is measures of  $\mathbb{E}_t[Z_{t+1}]$ .
4. To measure the conditional expected factor returns, apply these forecasts to factors using their loadings on the dominant components.
5. To engage in factor timing or estimate the SDF, use these forecasts to construct the portfolio given in Equation (10).