

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).~~