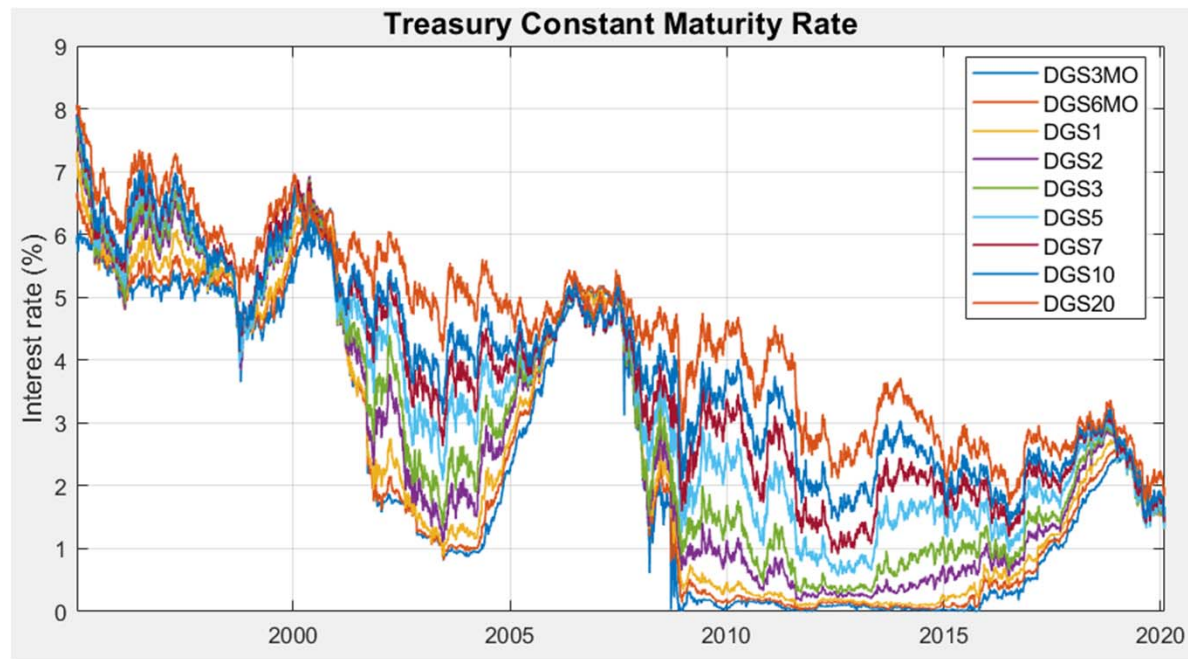


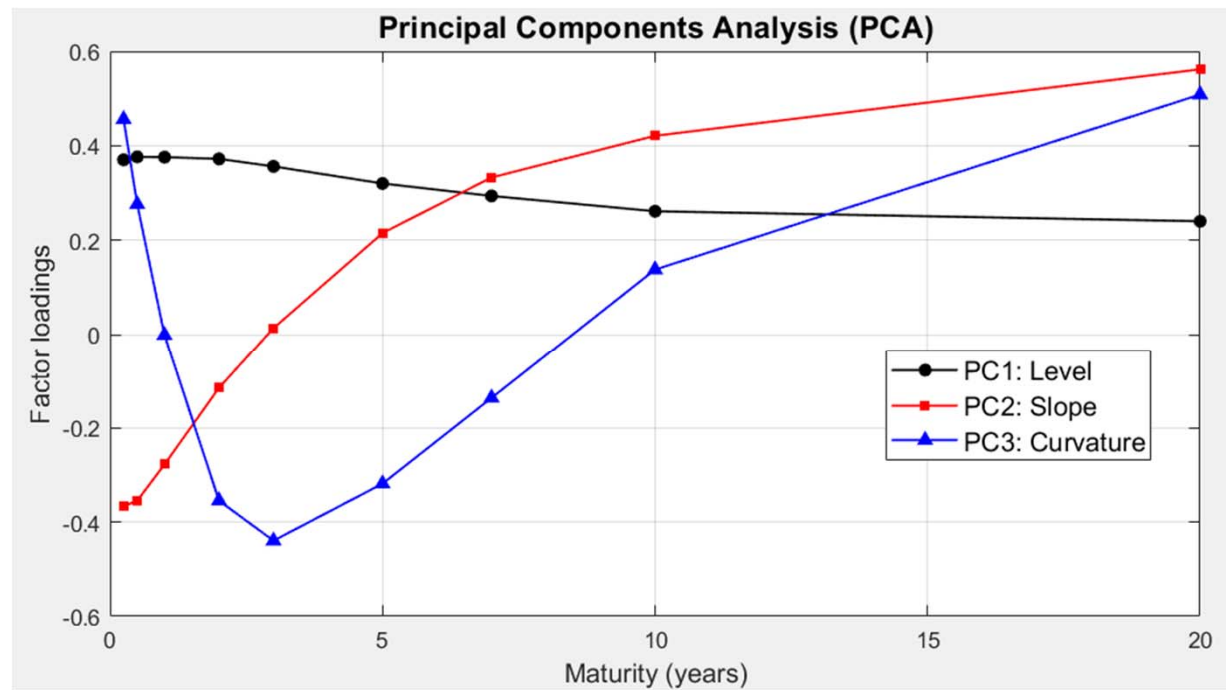
# Principal Components Analysis

- Yield curve data period: 01/01/1995 – 02/08/2020.



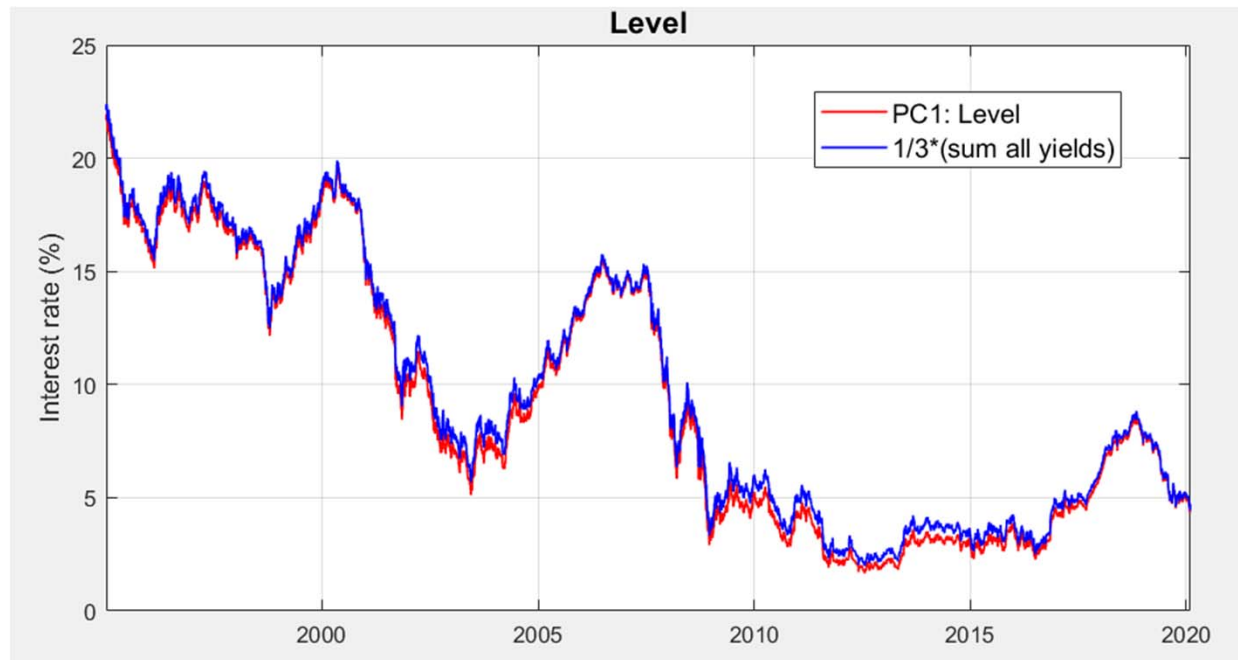
## Principal Components Analysis ... cont'd

- Factor loadings on principal components



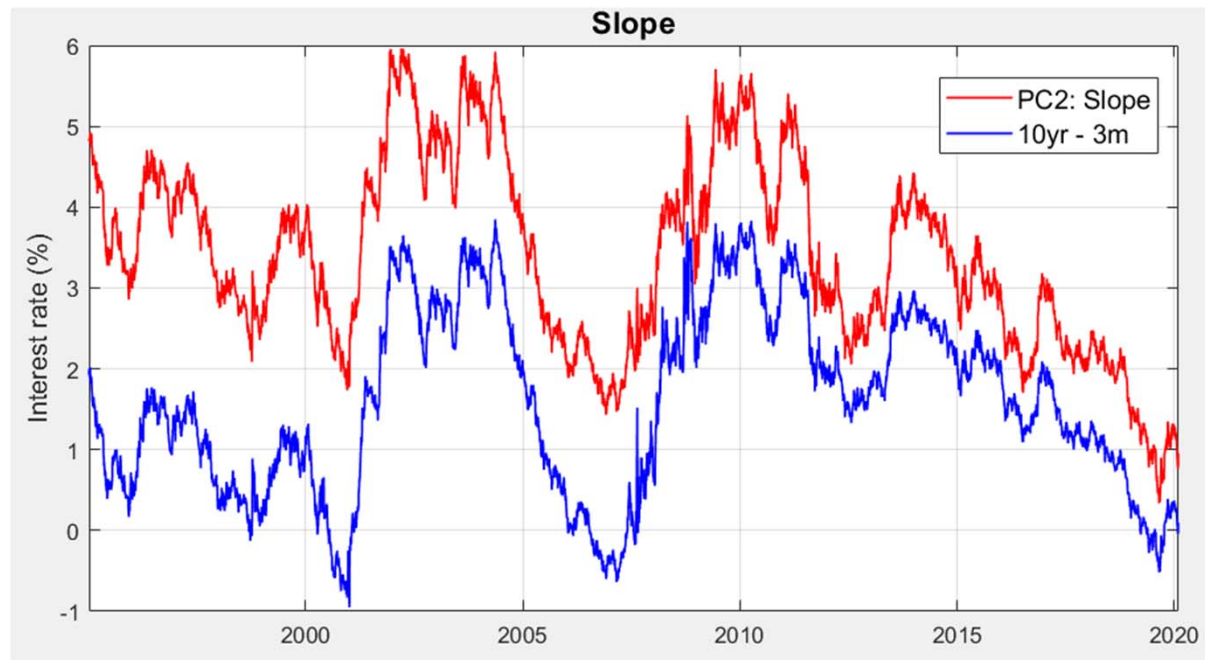
## Principal Components Analysis ... cont'd

- PC1: Level



## Principal Components Analysis ... cont'd

- PC2: Slope



## Principal Components Analysis ... cont'd

- Reconstruct 10-year Treasury Constant Maturity Rate with first 3 Principal Components

