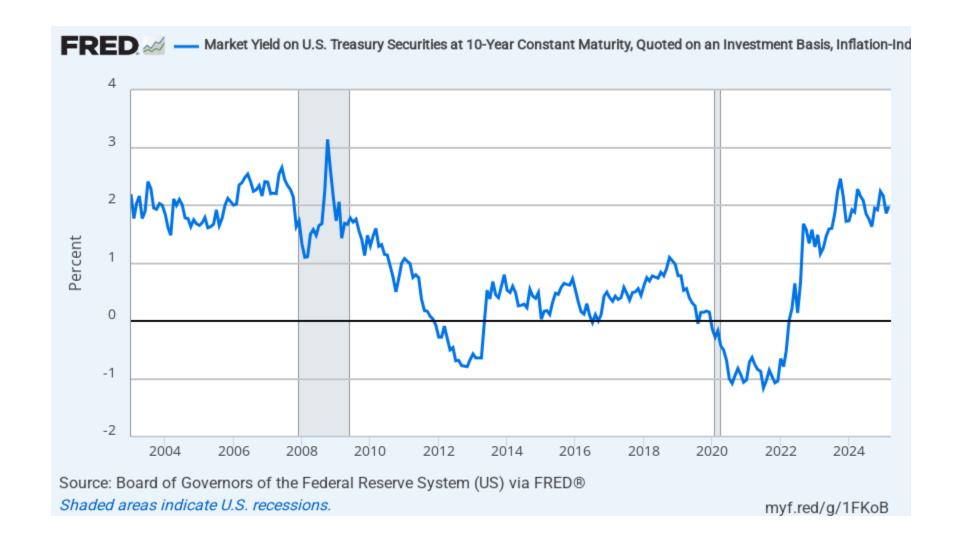
## Session on Real and financial drivers of r\*

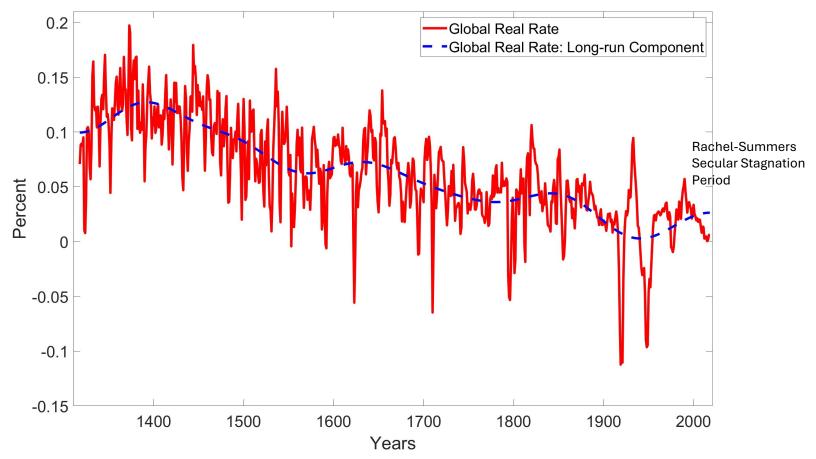
Kenneth Rogoff, Harvard University

Conference on "Whither r\*"

Federal Reserve Bank of NY, March 28, 2020

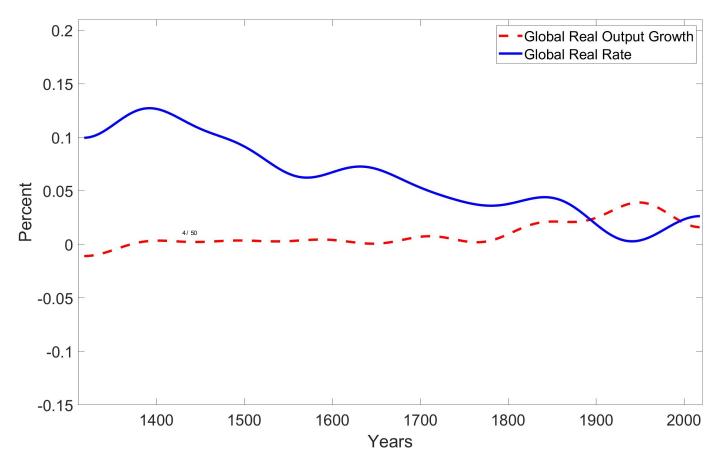


## Global Real Rates and Long Run Trend: 1311-2022



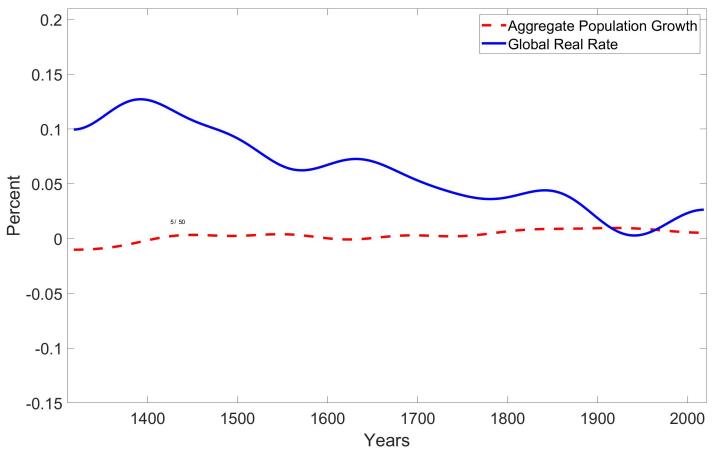
Source: Rogoff, Rossi and Schmelzing American Economic Review 2024 (August 2024).

A comparison of Müller-Watson-filtered real aggregate output growth rates and real interest rates, 1318-2021.



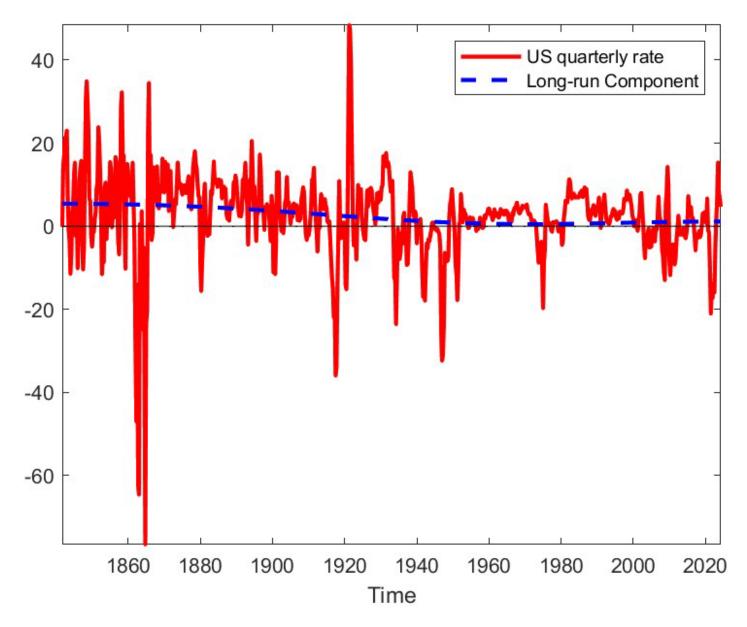
Rogoff, Rossi and Schmelzing, AER, 2024

A comparison of Müller-Watson-filtered aggregate population growth rates and real interest rates, 1318-2021.



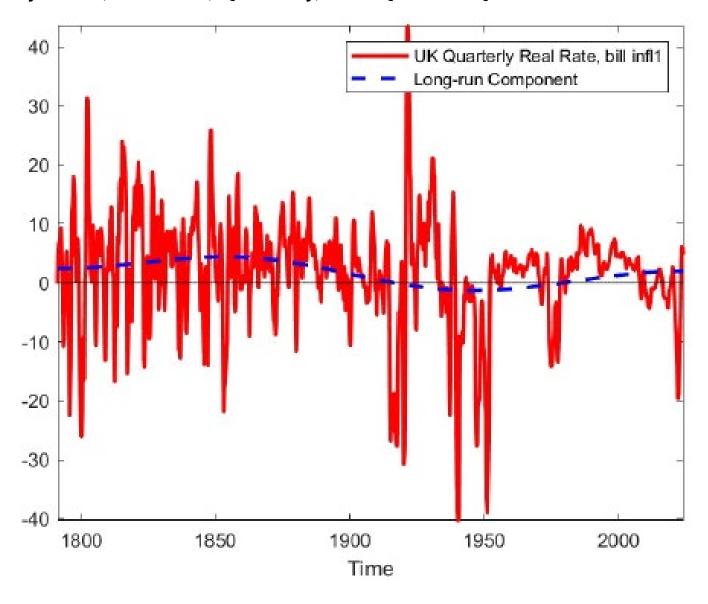
Rogoff, Rossi and Schmelzing, AER, 2024

U.S. real short-maturity interest rates, commercial paper basis, quarterly, 1831:Q1 – 2024:Q2.



Source: Rogoff, Rossi, Schmelzing "Rethinking Short-term Interest Rates and Term Spreads using very Long-Run Data, NBER Working Paper 2024

## UK Short Maturity Rates, Bill Basis, Quarterly, 1791Q1-2024 Q2



## Forthcoming Yale University Press, May 2025

