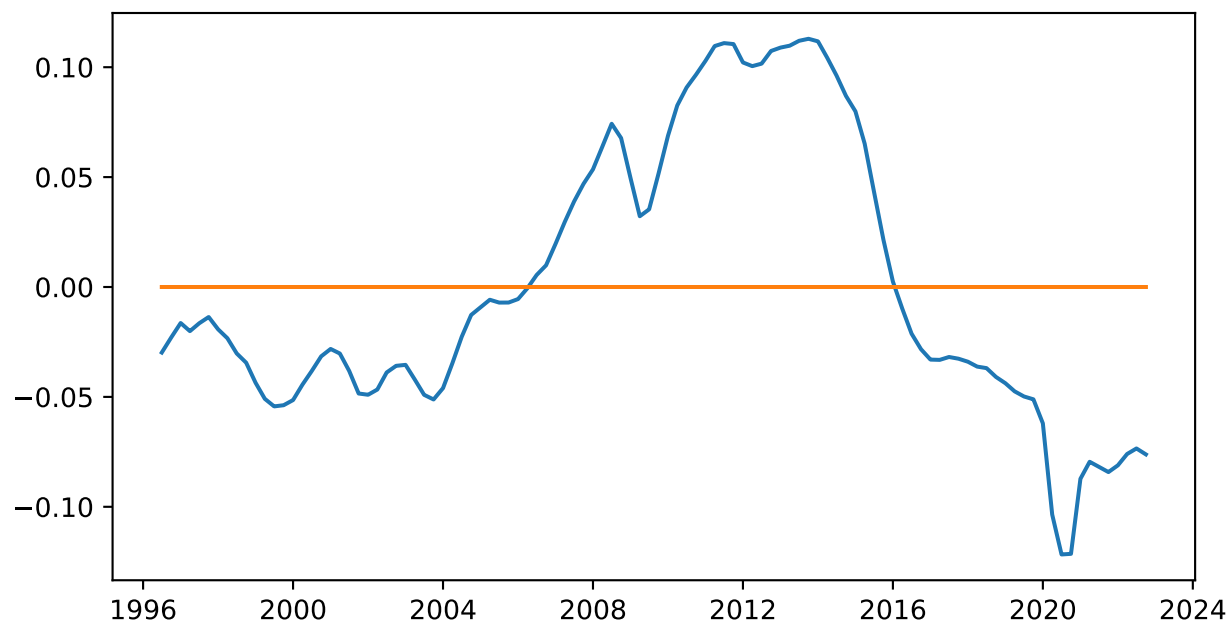
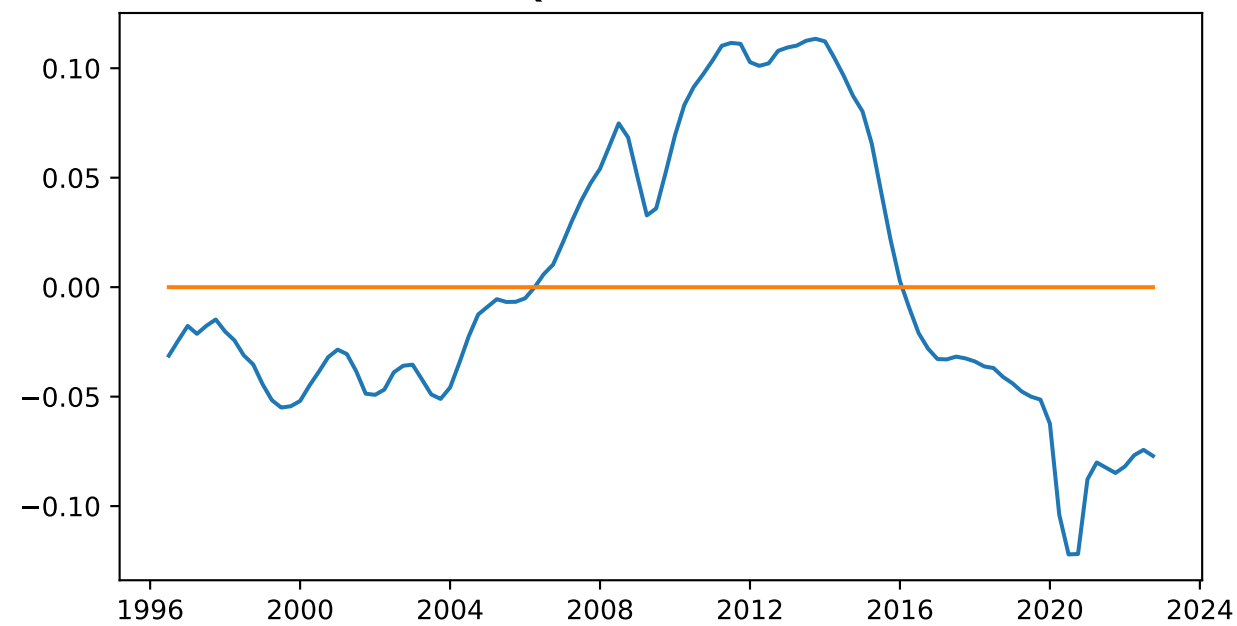


# Comparing GDP at market prices SCN-2010 SA

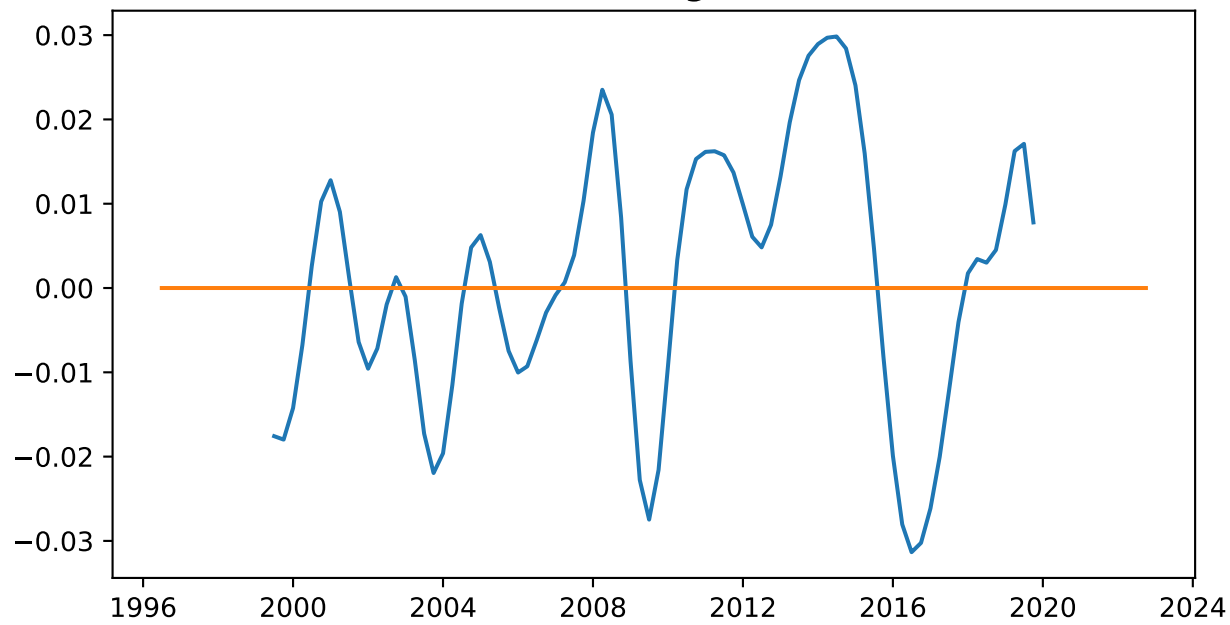
## Linear Filter



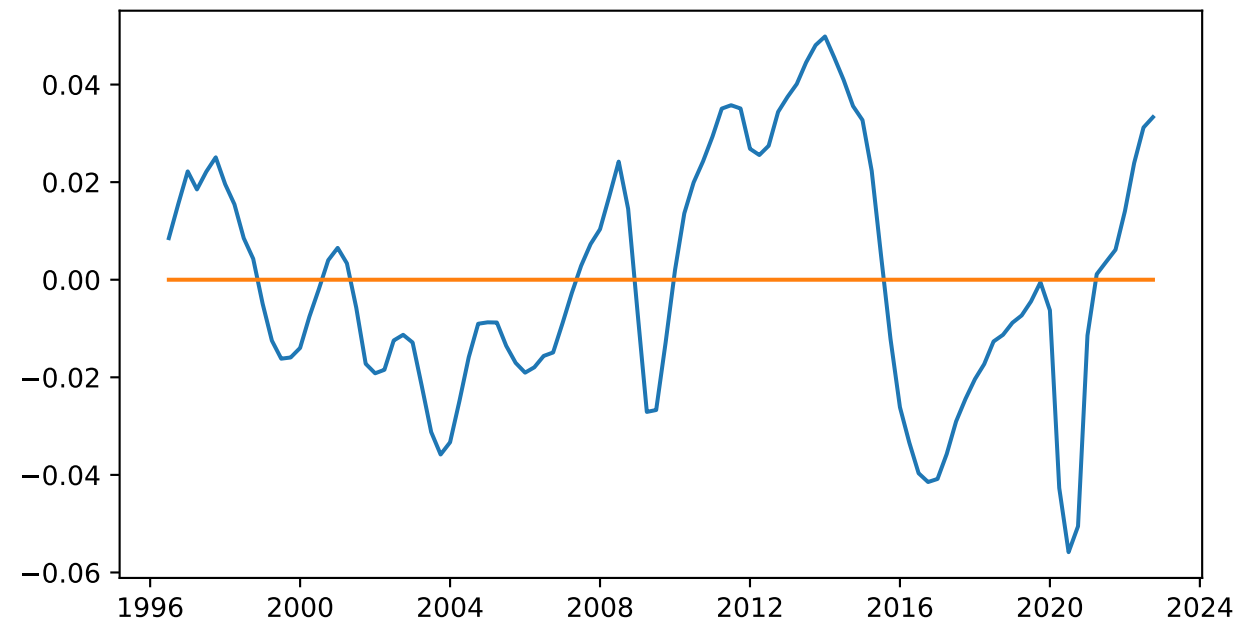
## Quadratic Filter



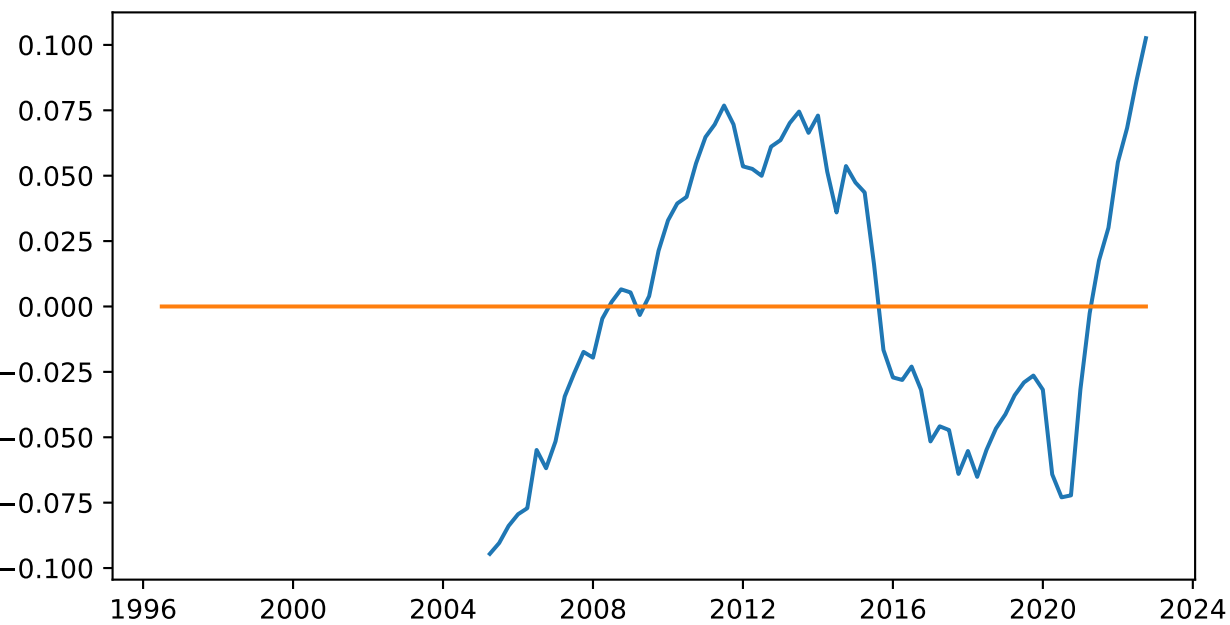
## Baxter-King Filter



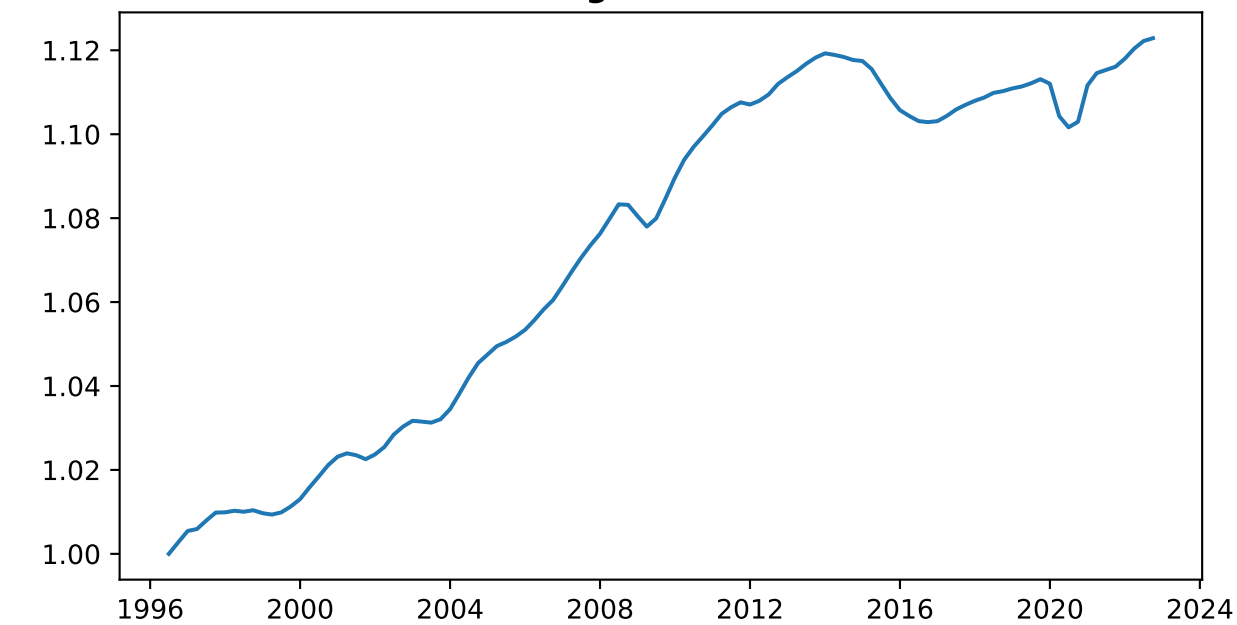
## Hodrick-Prescott Filter



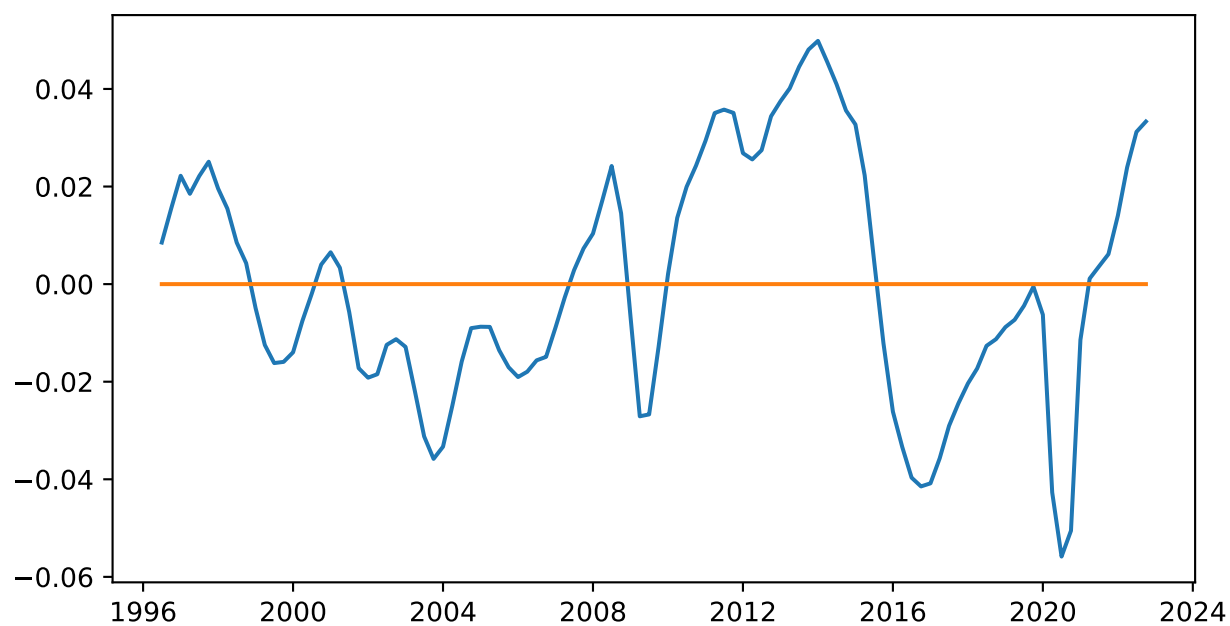
## Hamilton Filter



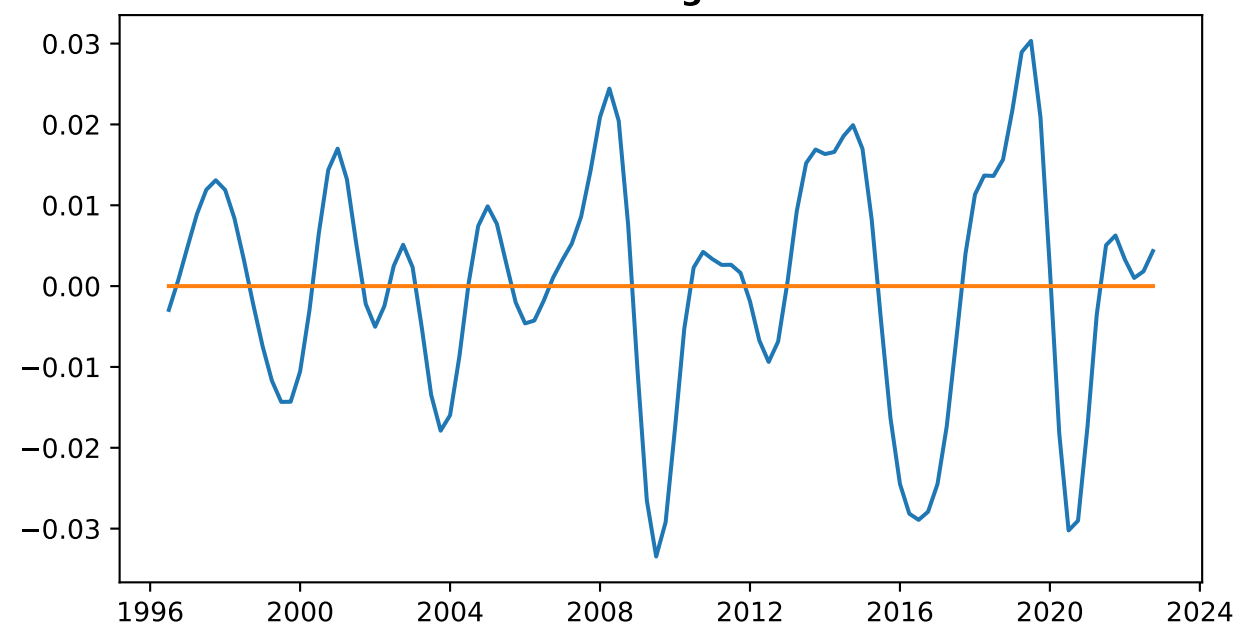
## log.Variable



## Boosted HP Filter

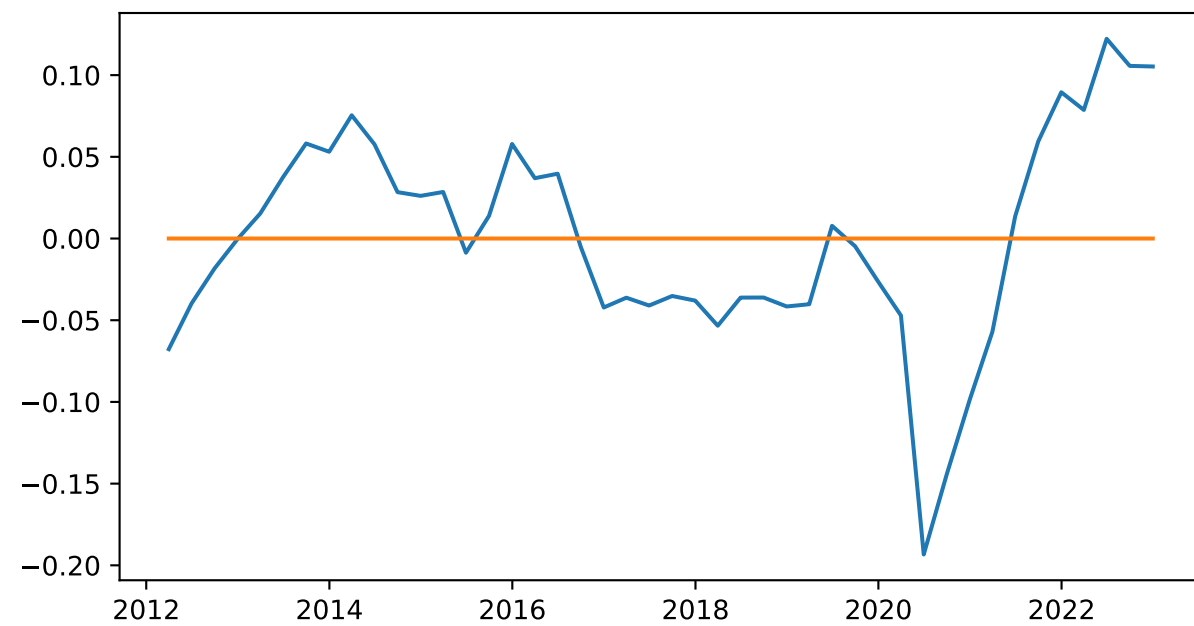


## Christiano Fitzgerald Filter

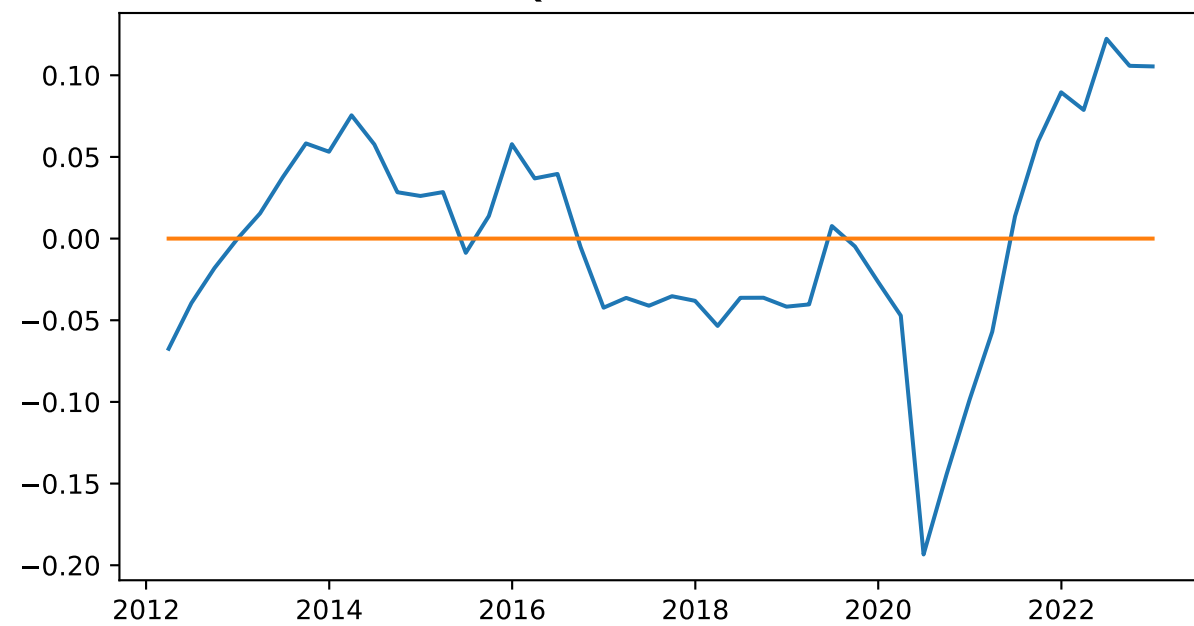


# Comparing PNAD Construção

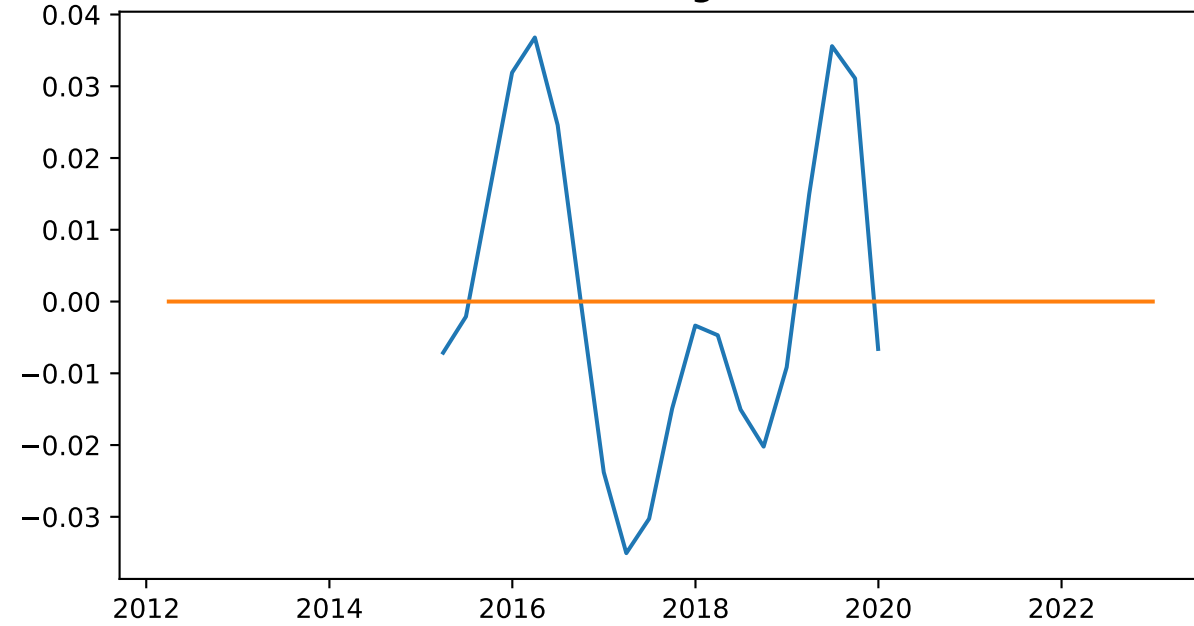
## Linear Filter



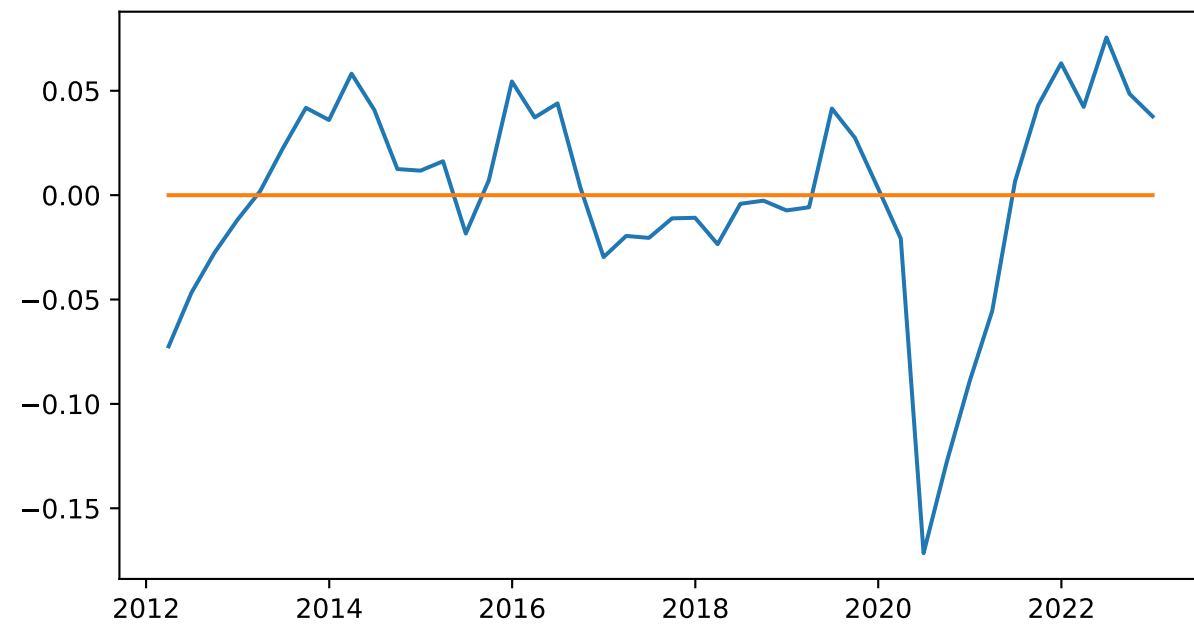
## Quadratic Filter



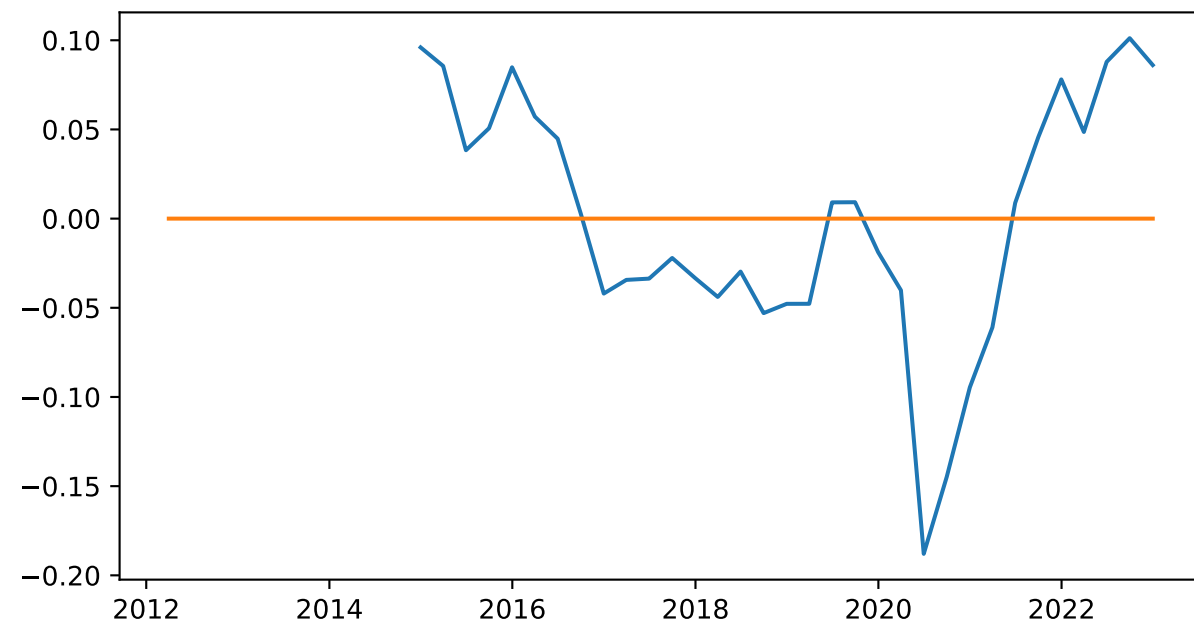
## Baxter-King Filter



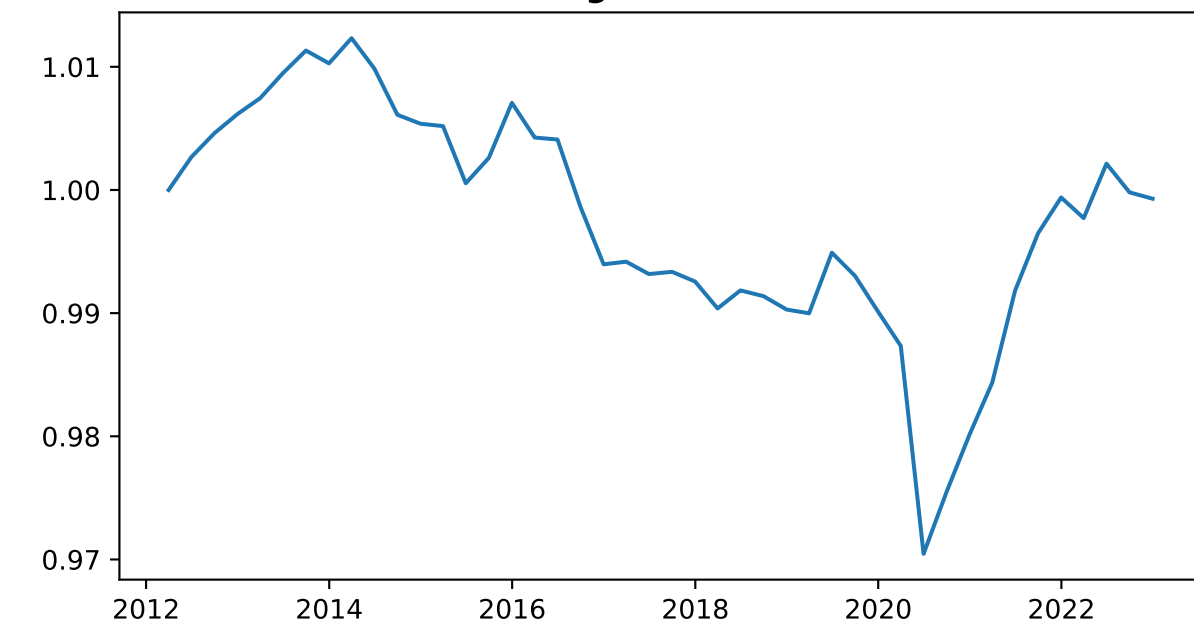
## Hodrick-Prescott Filter



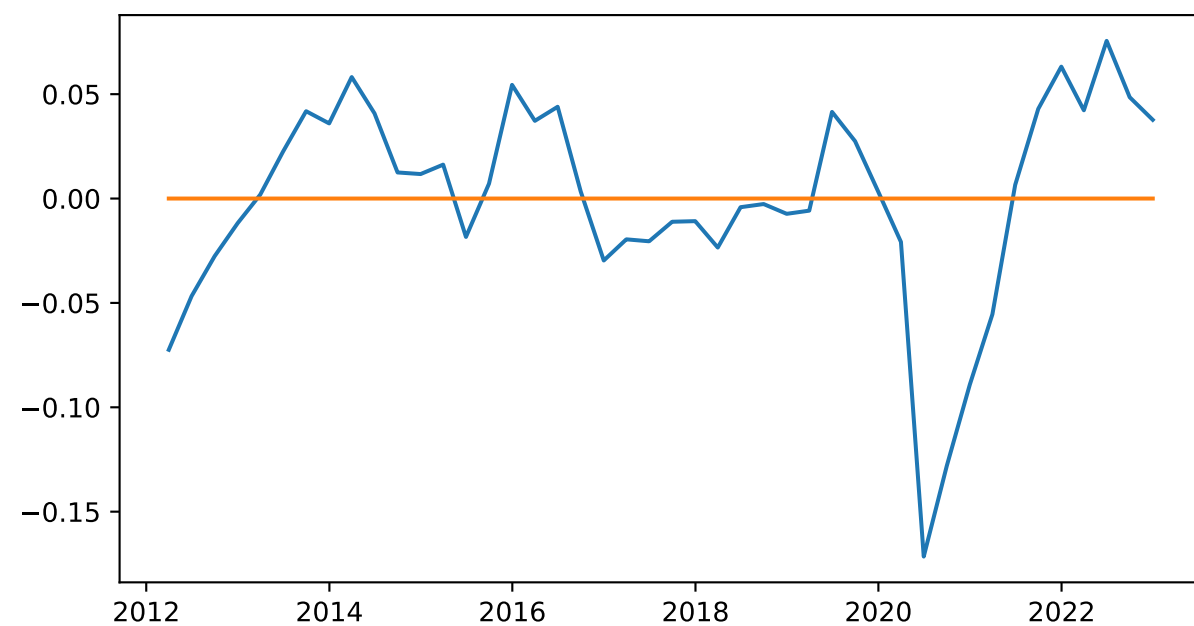
## Hamilton Filter



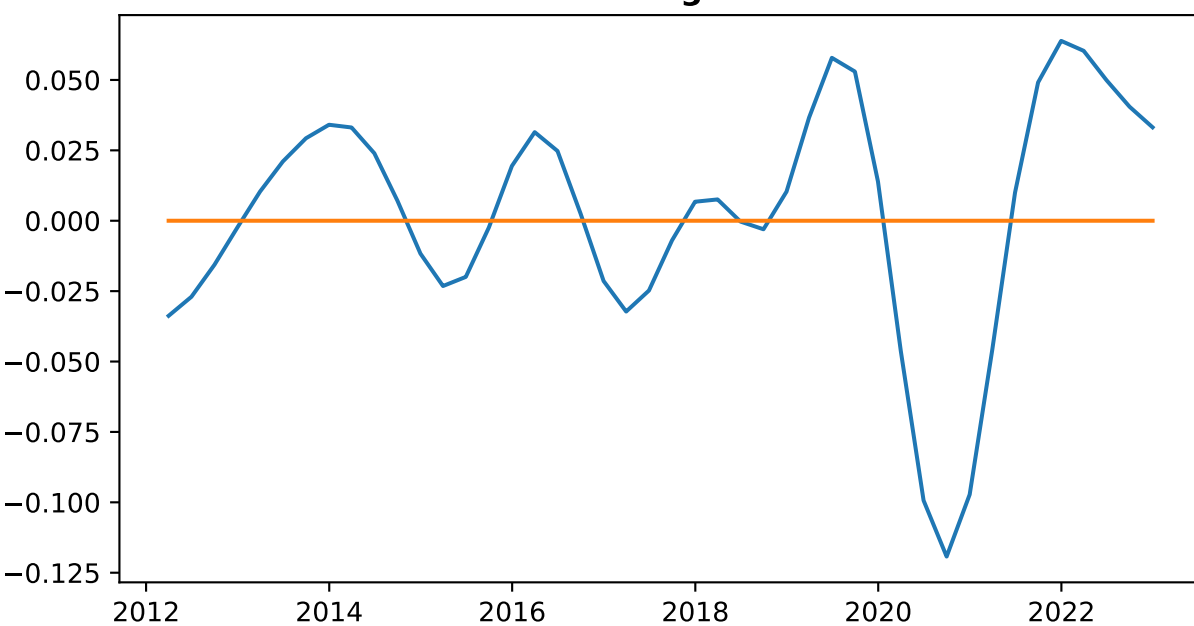
## log.Variable



## Boosted HP Filter

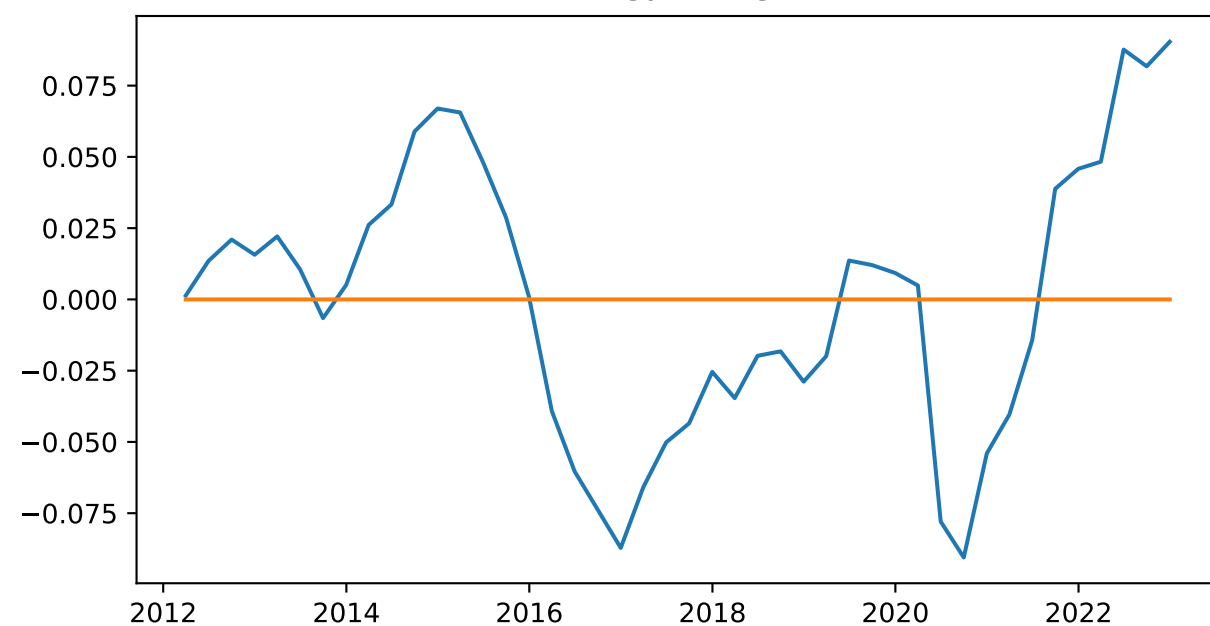


## Christiano Fitzgerald Filter

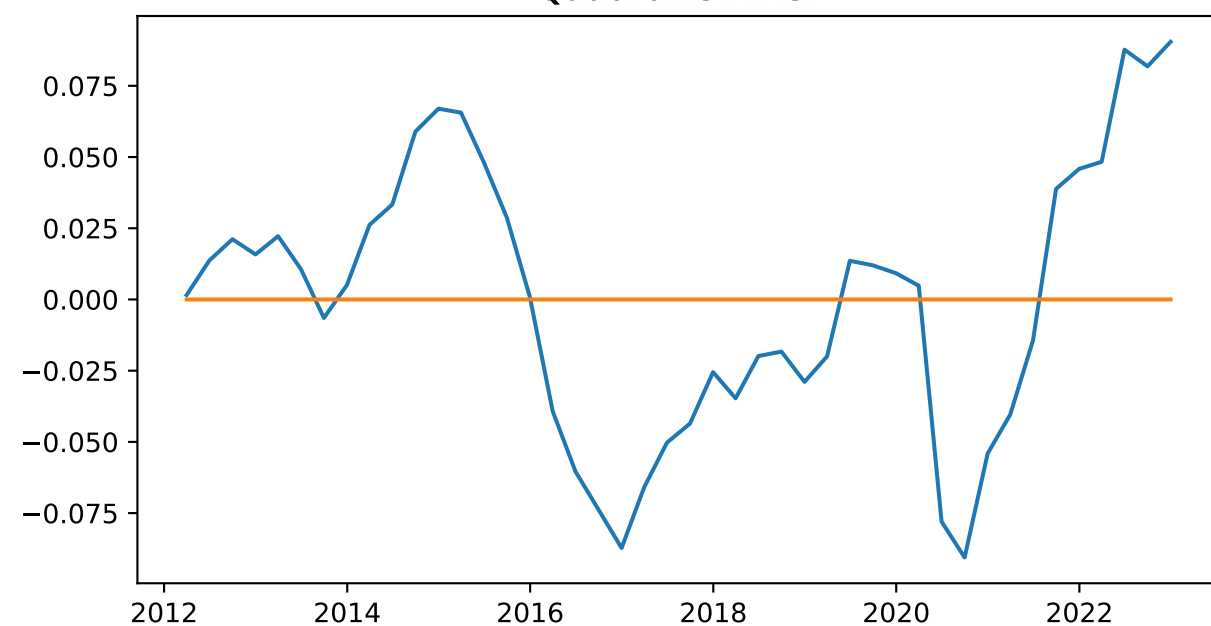


# Comparing PNAD Indústria de Transformação

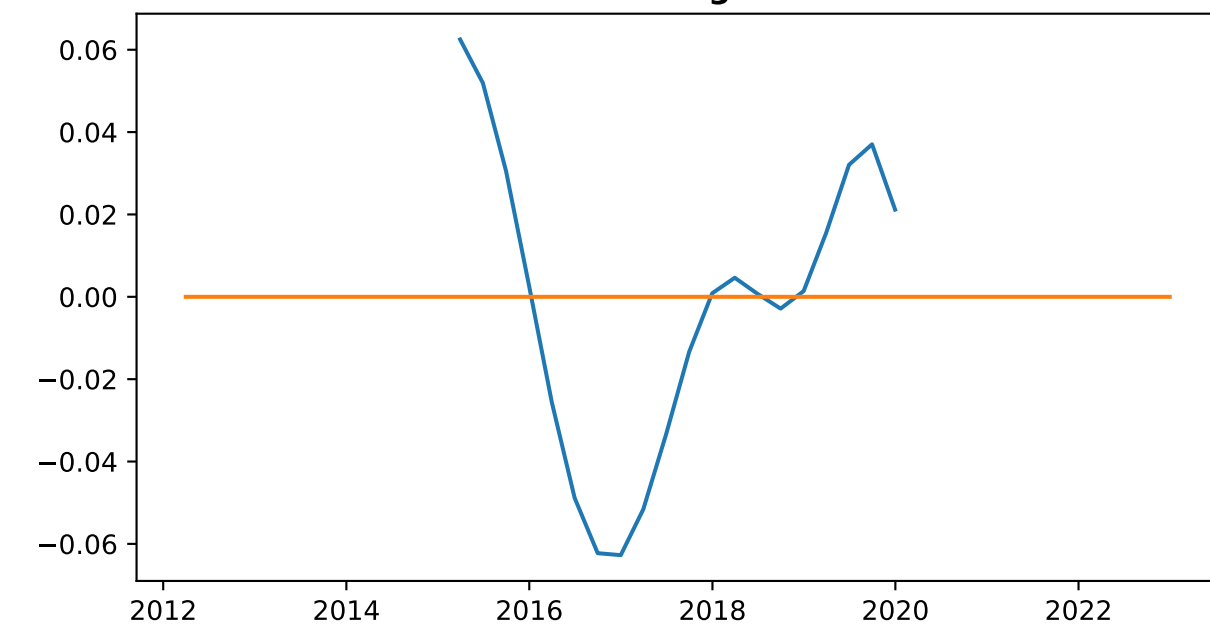
## Linear Filter



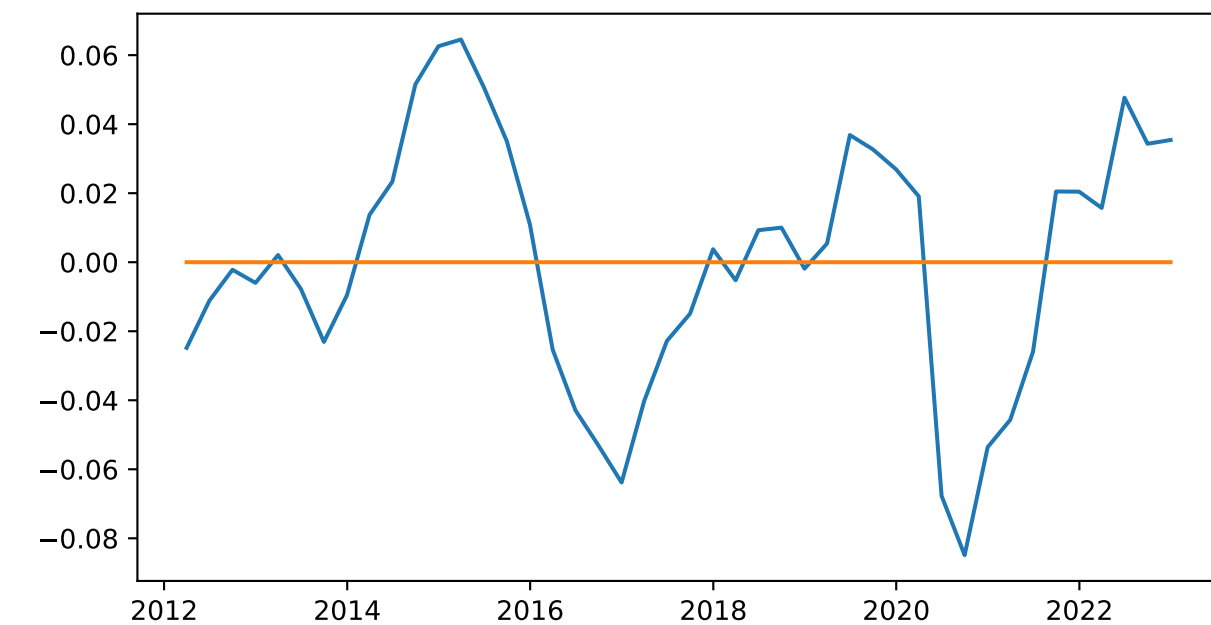
## Quadratic Filter



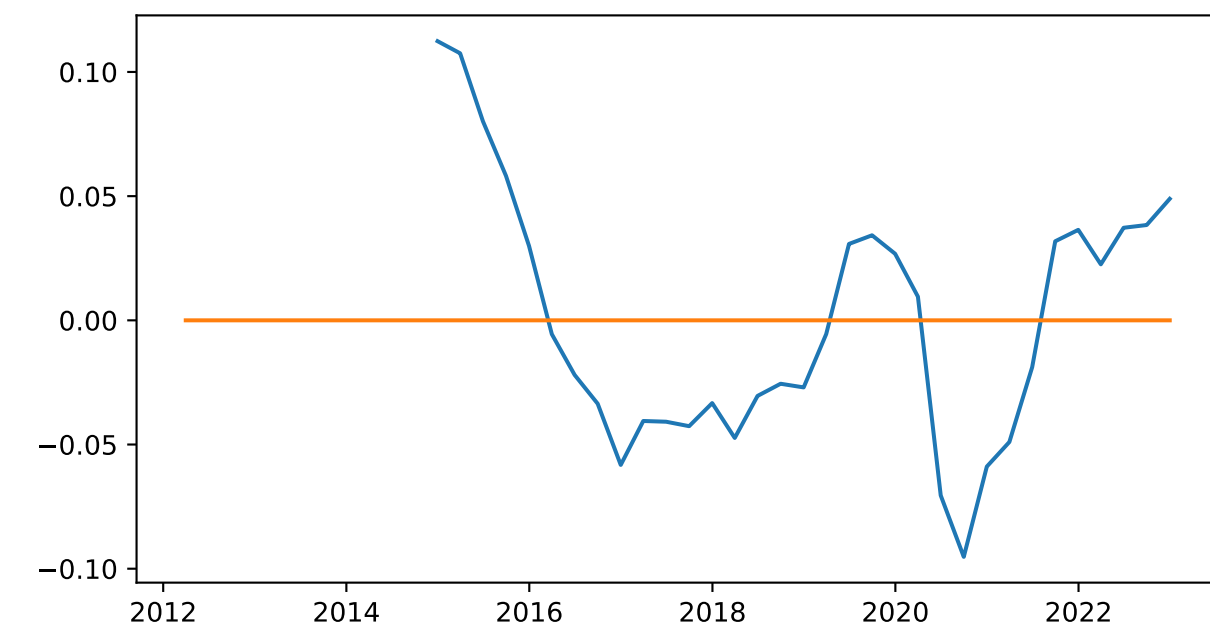
## Baxter-King Filter



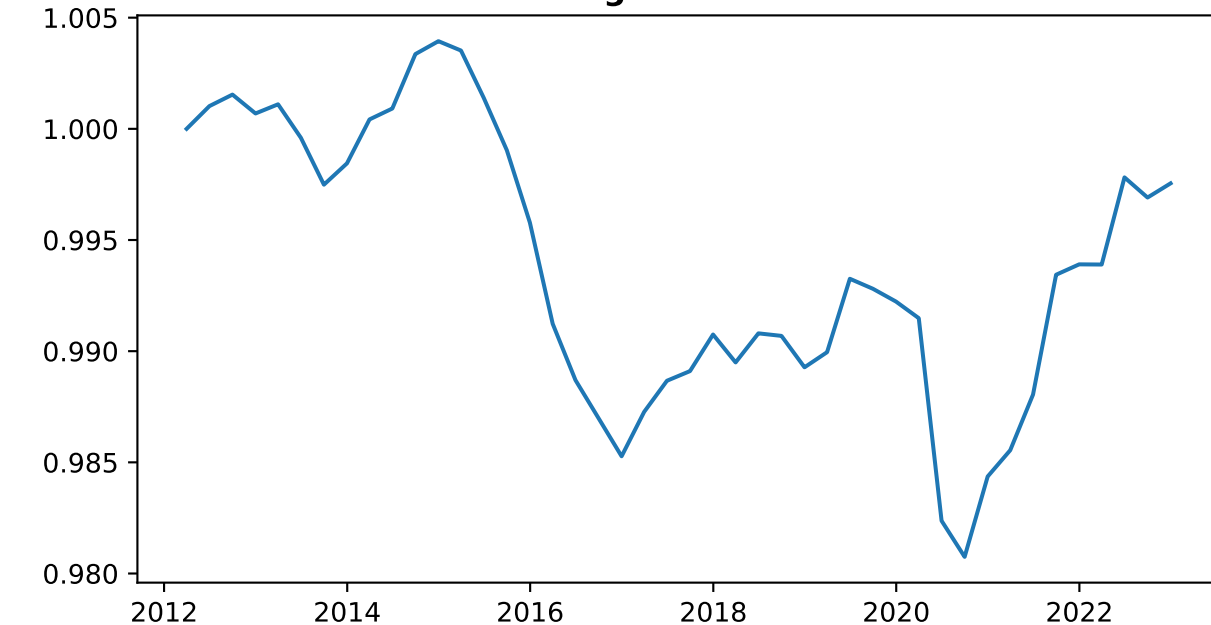
## Hodrick-Prescott Filter



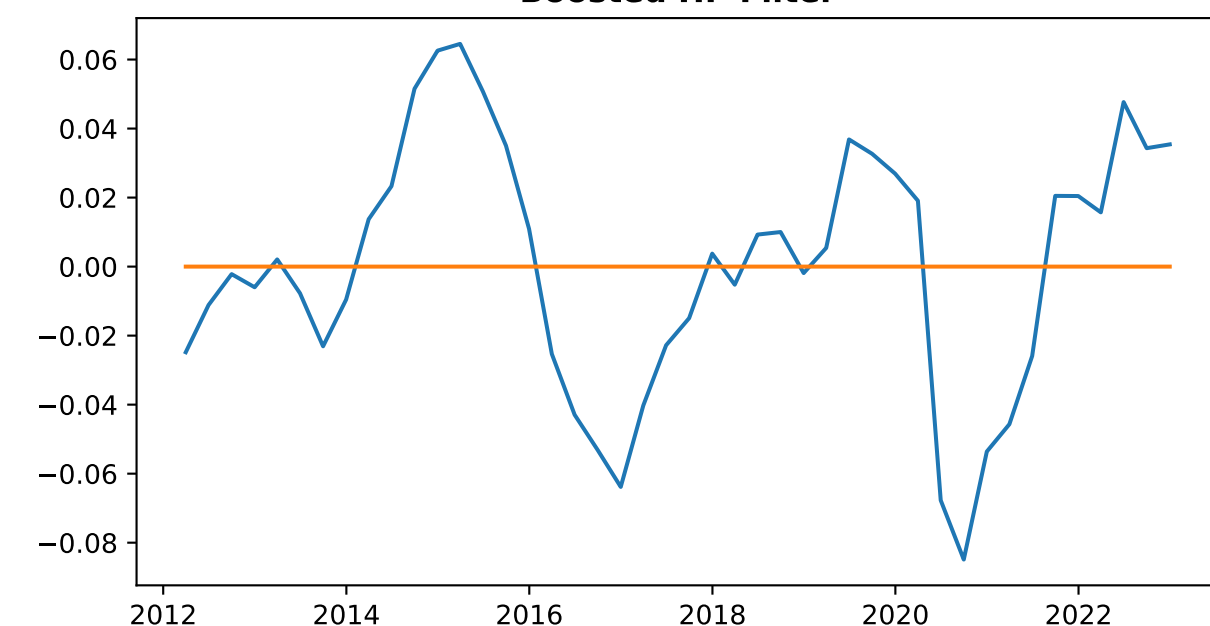
## Hamilton Filter



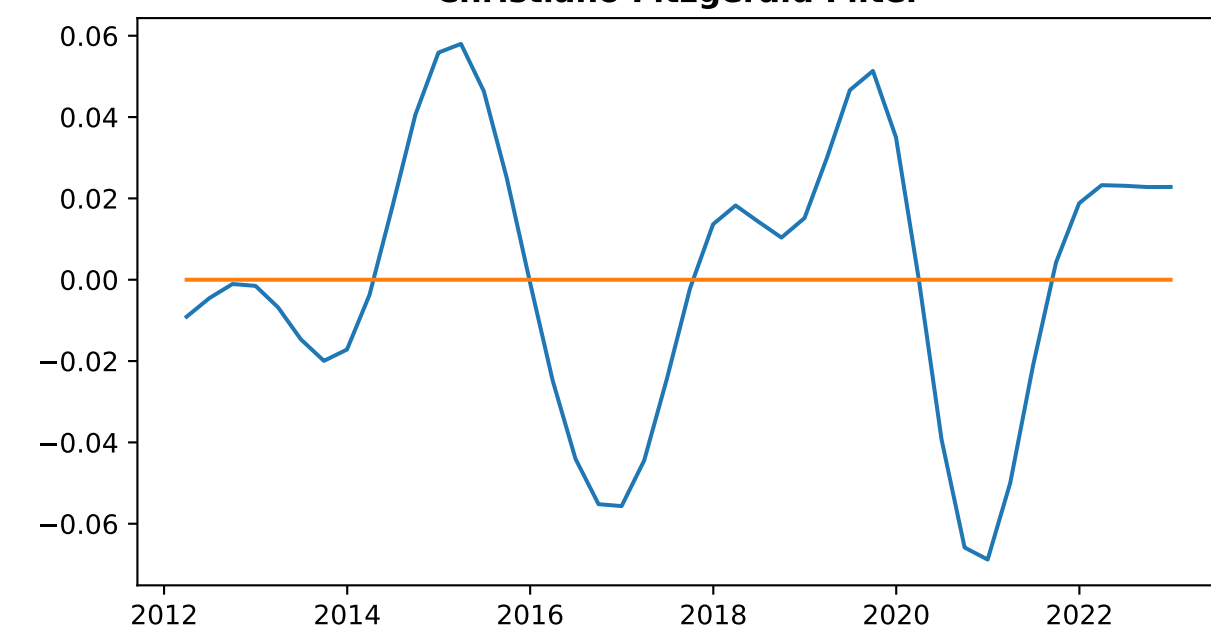
## log.Variable



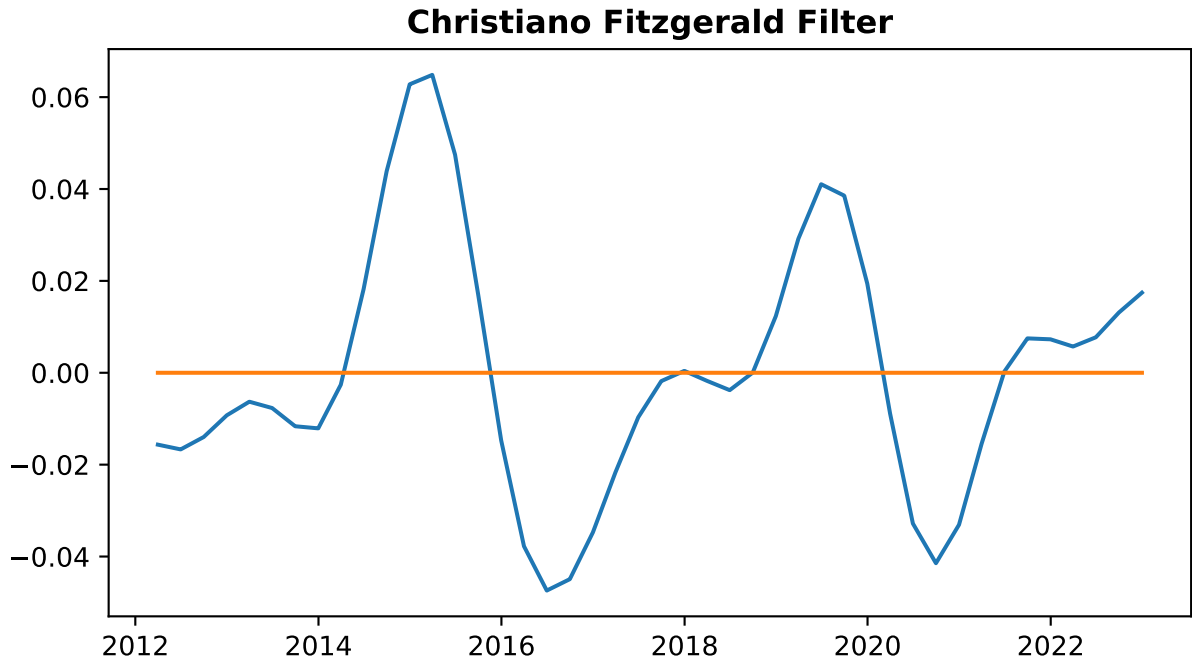
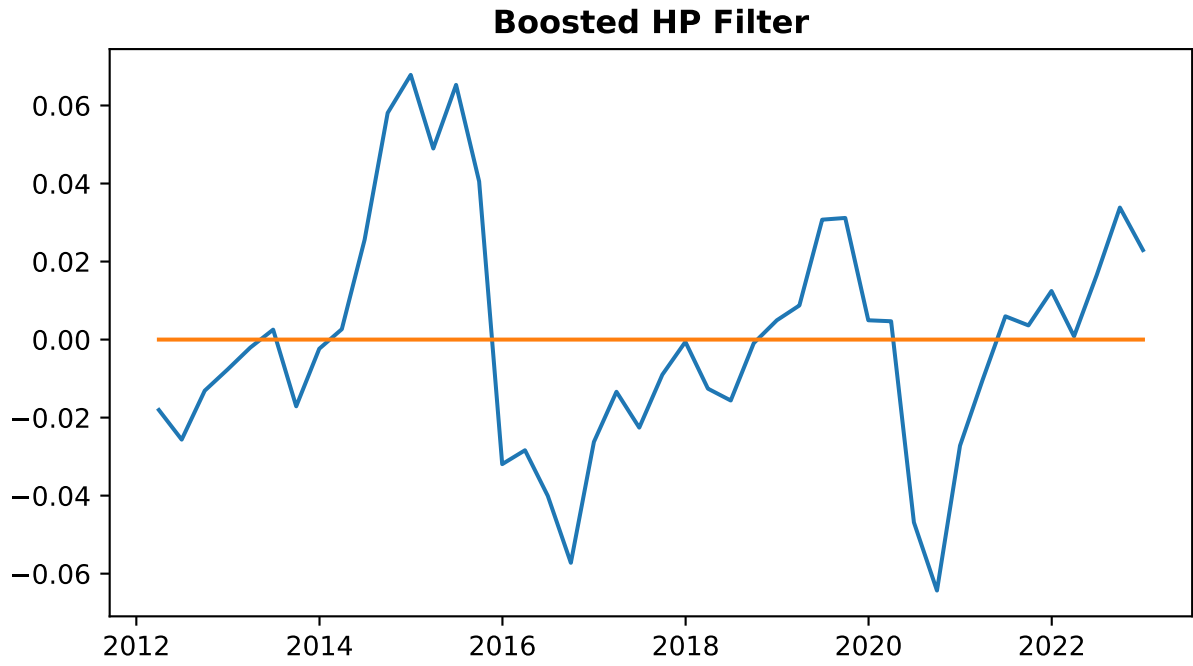
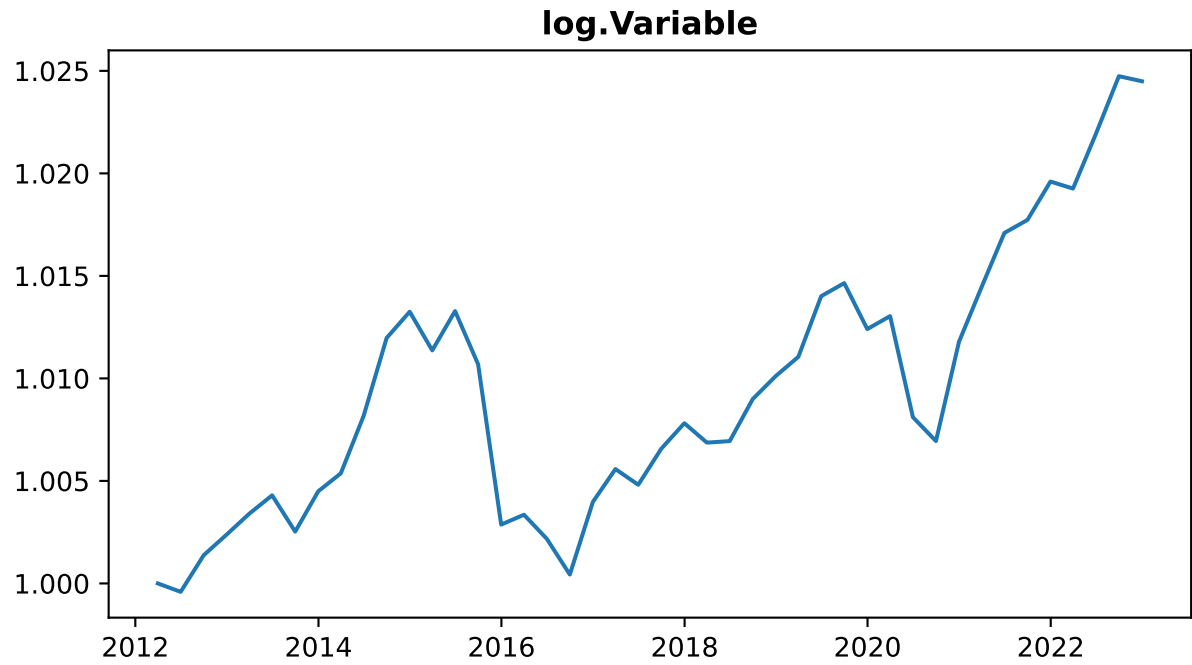
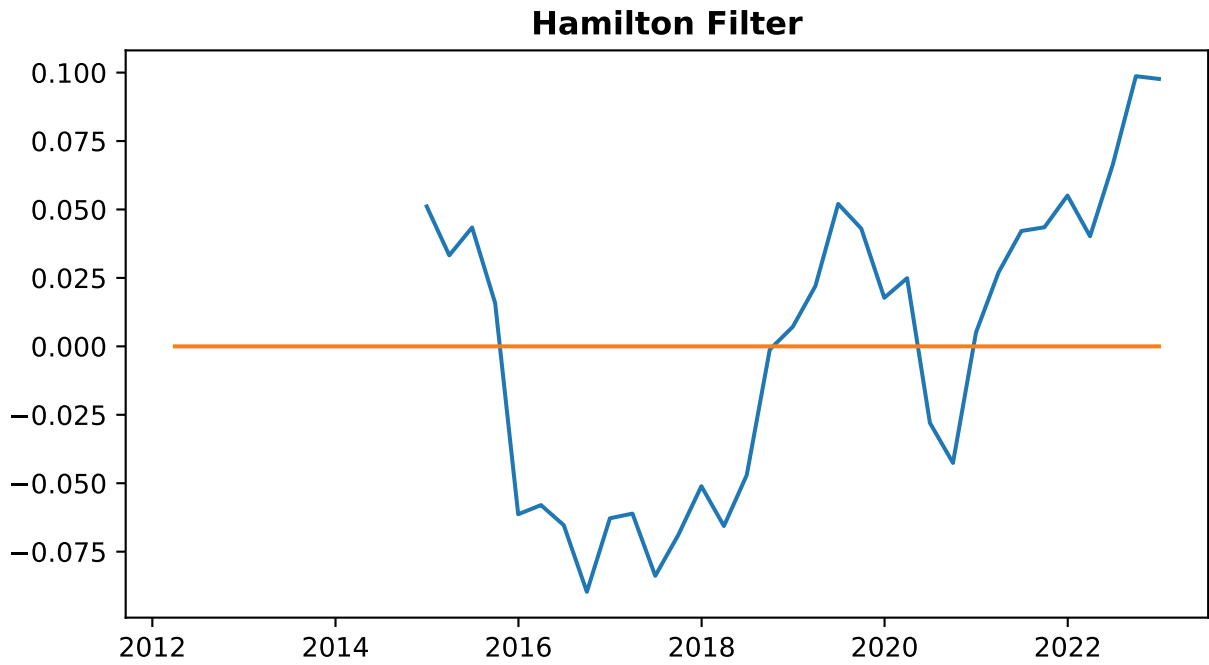
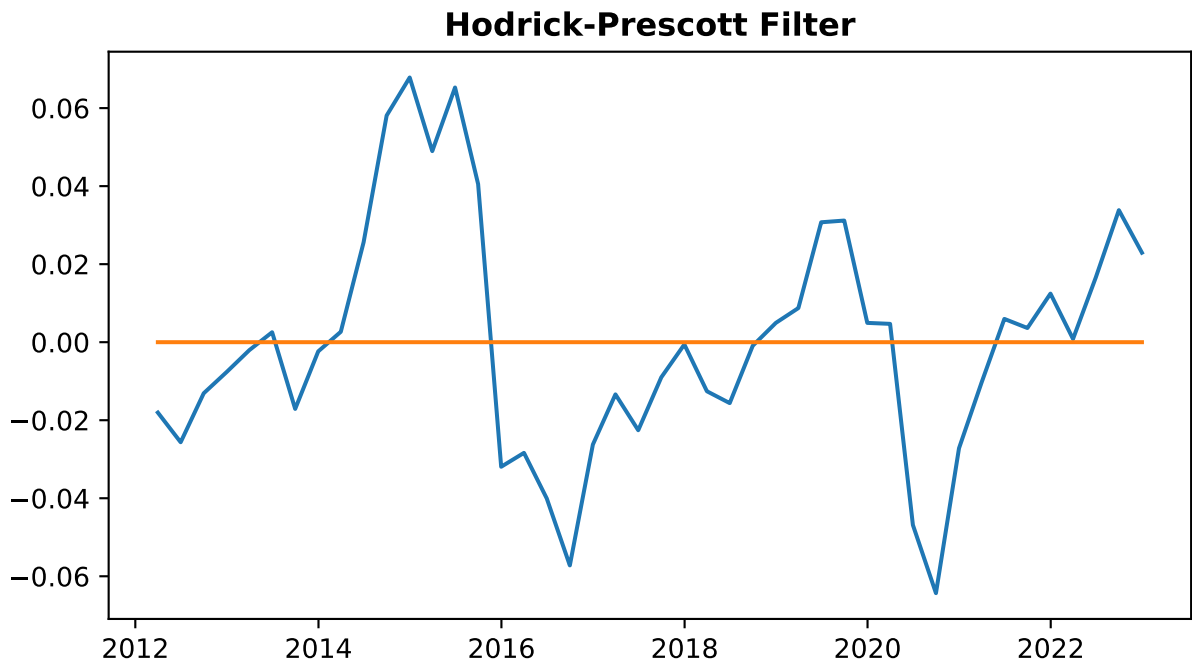
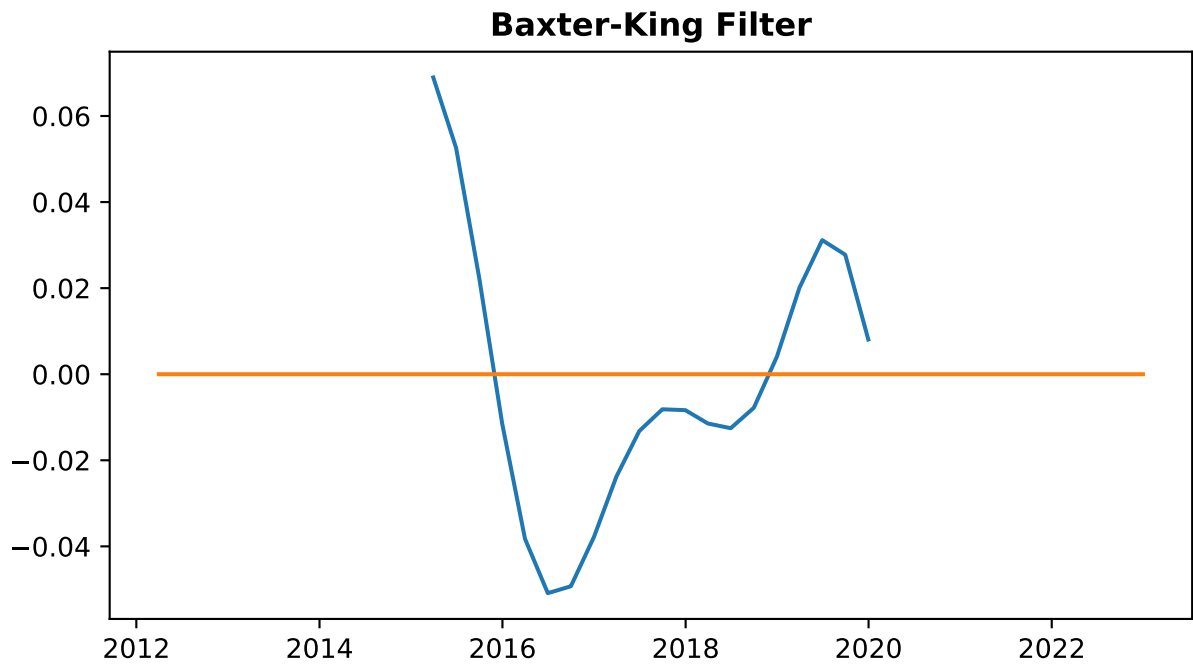
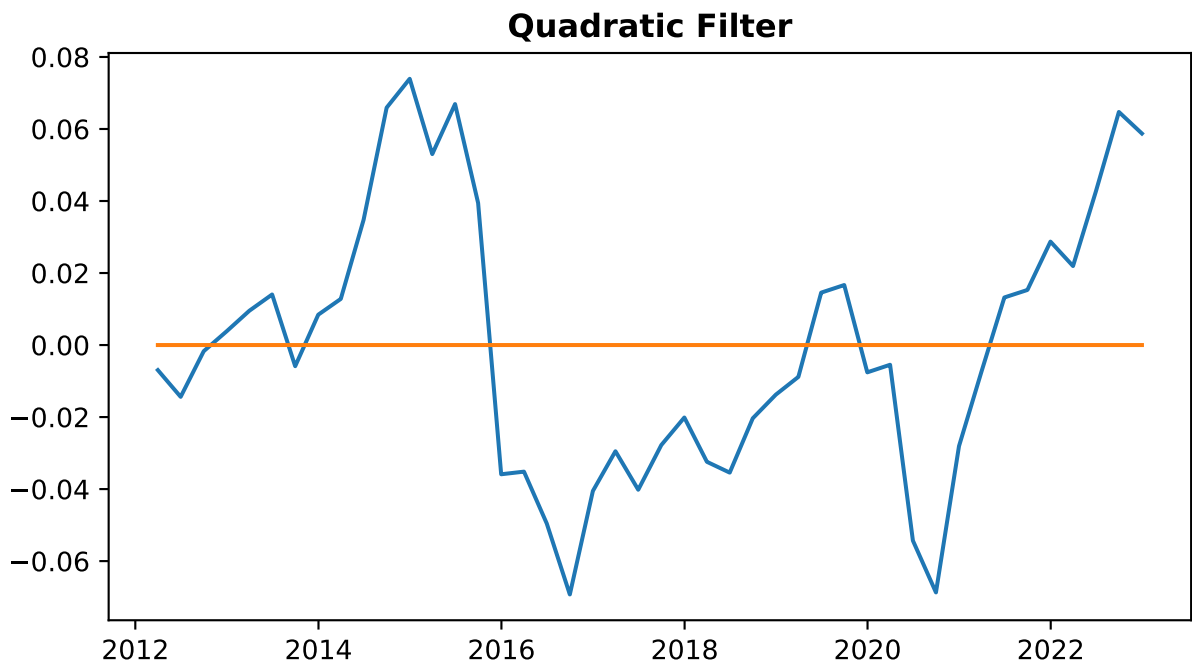
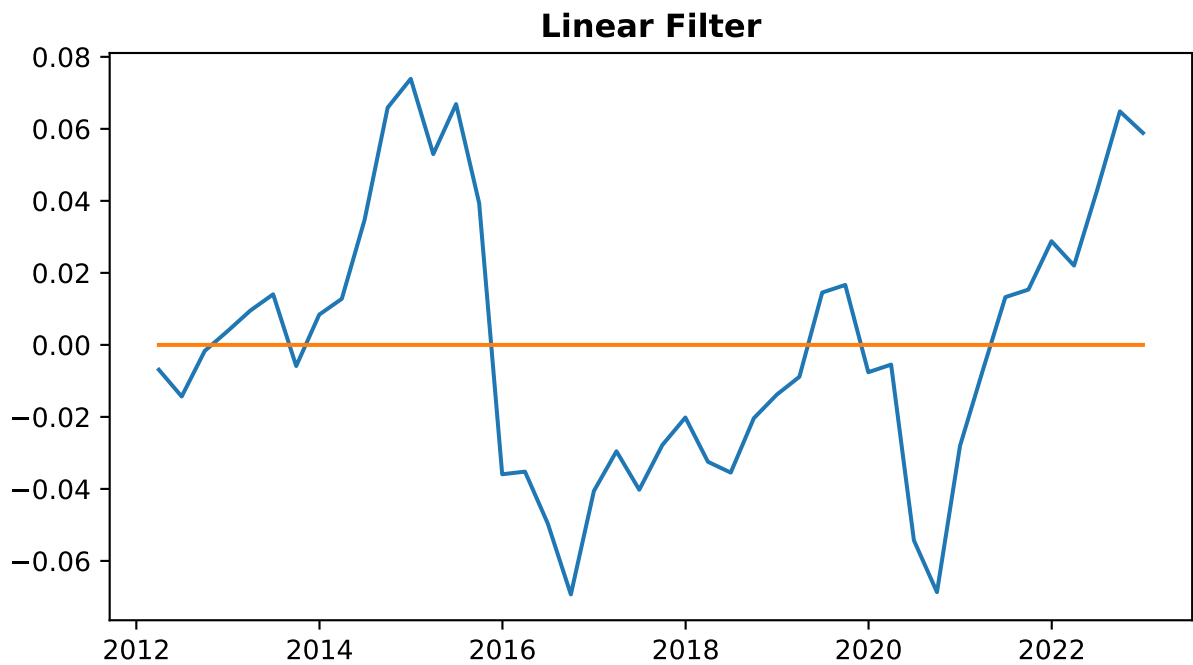
## Boosted HP Filter



## Christiano Fitzgerald Filter

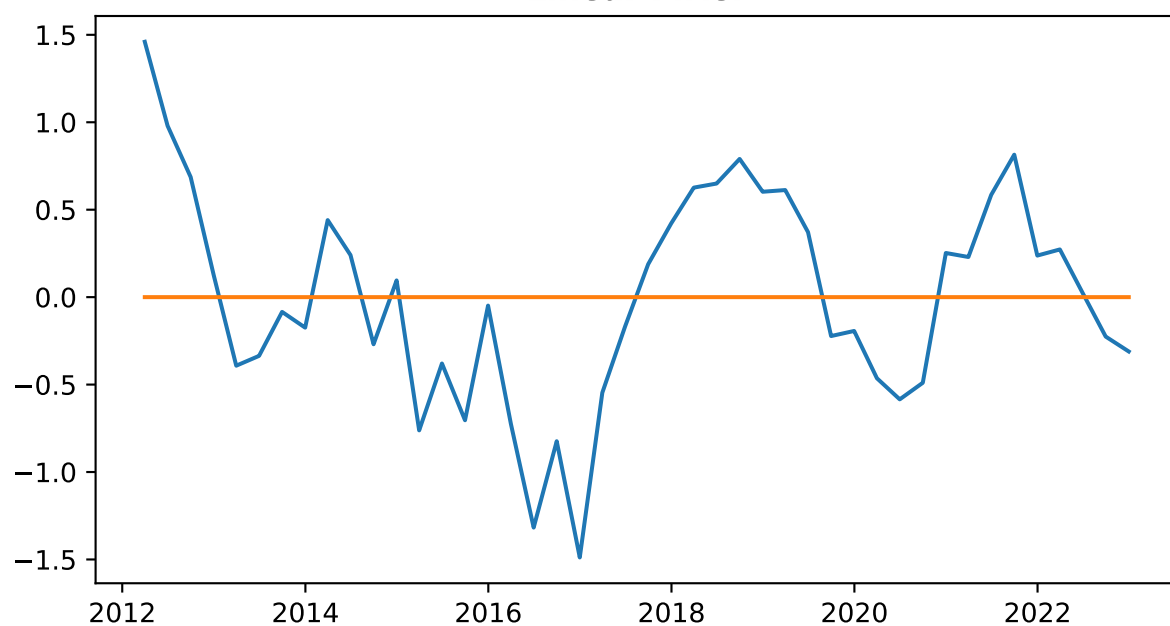


Comparing PNAD Informação, comunicação e atividades financeiras, imobiliárias, profissionais e administrativas

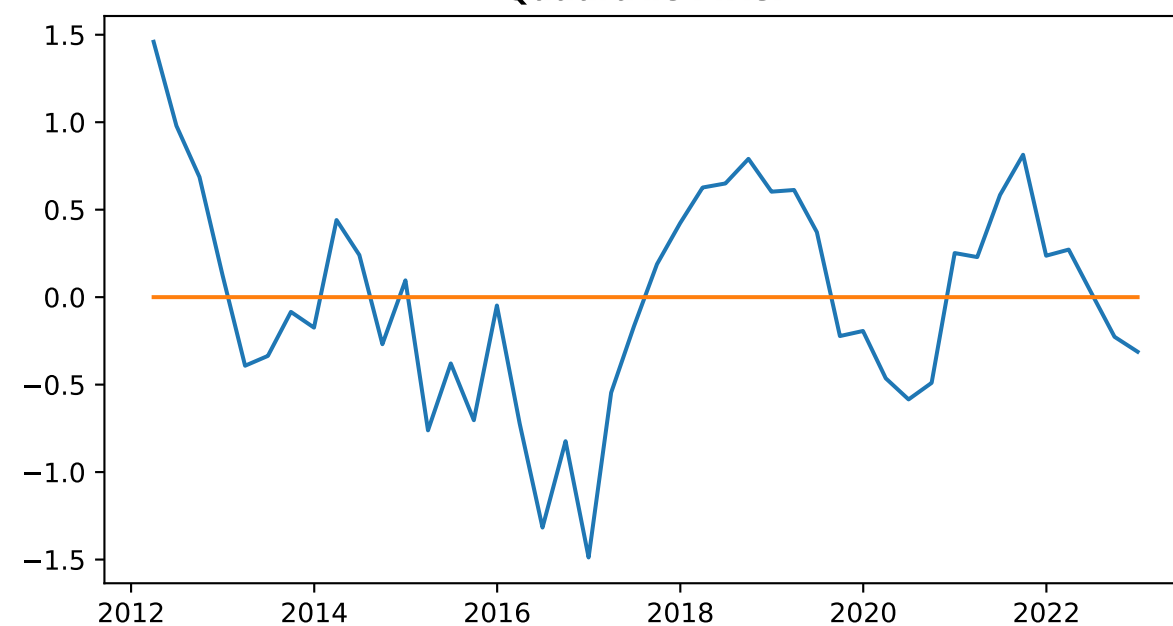


# Comparing PNAD Atividades mal definidas

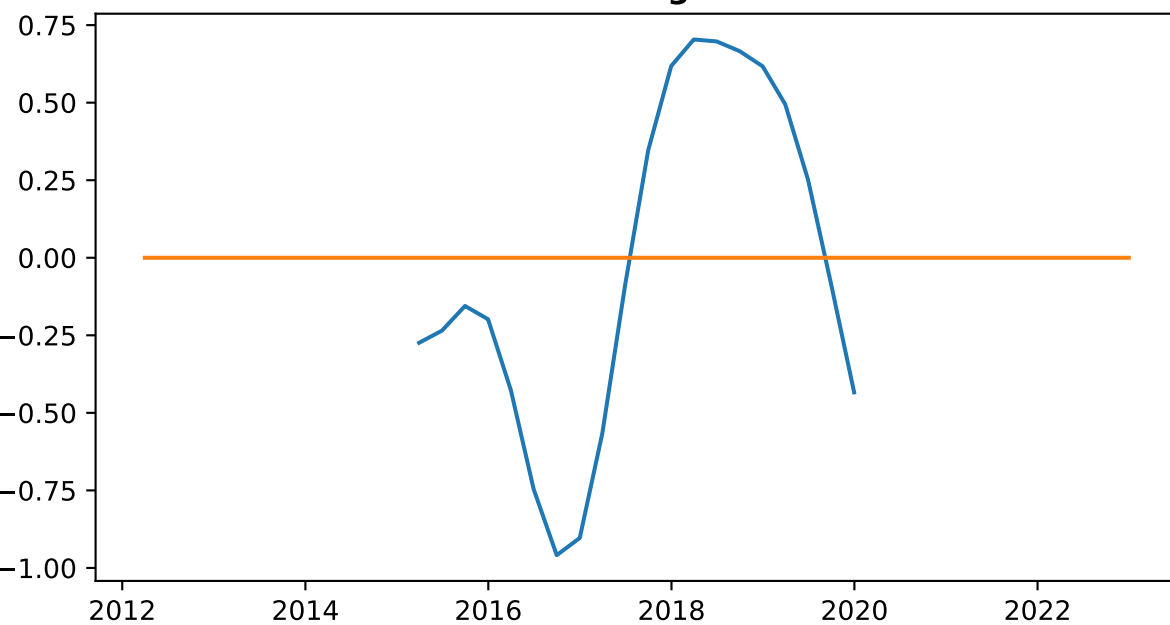
**Linear Filter**



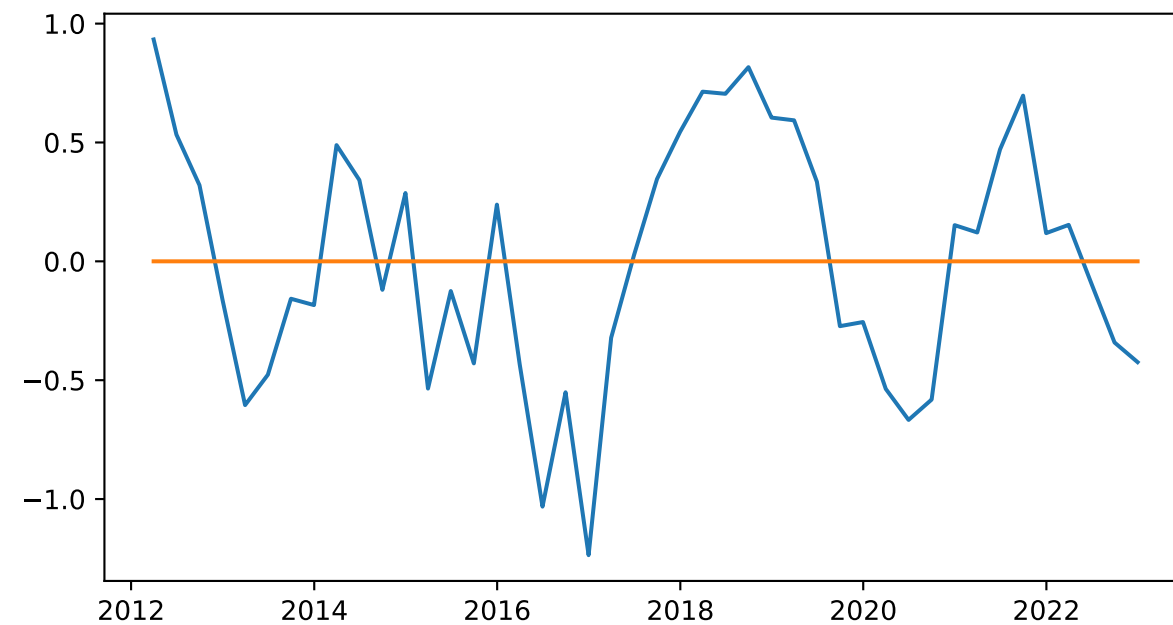
**Quadratic Filter**



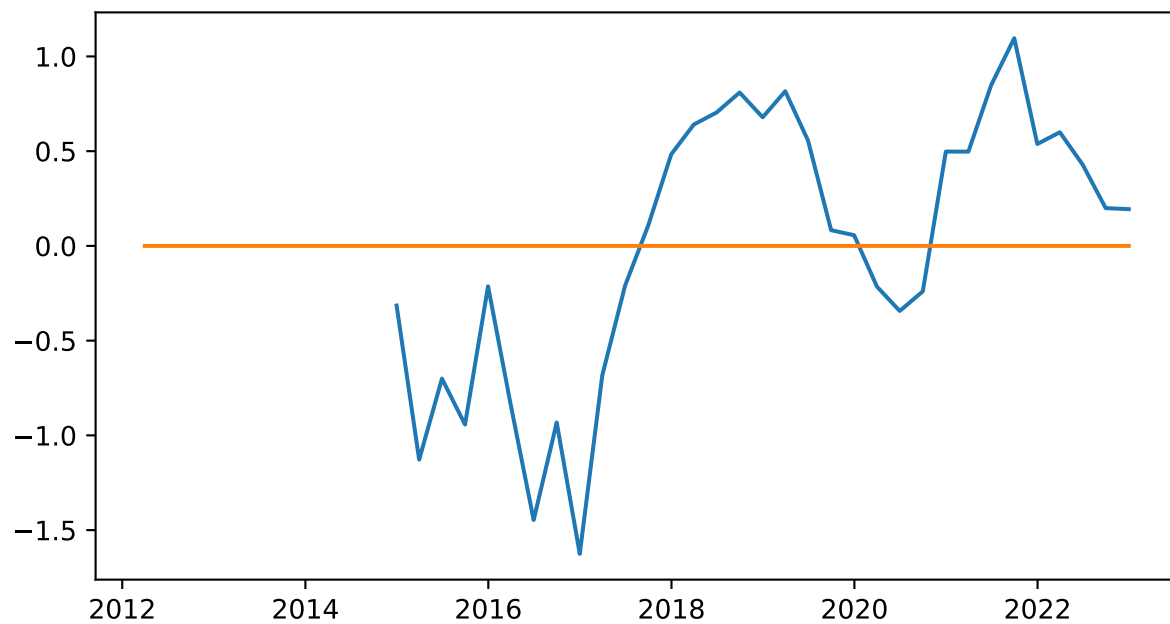
**Baxter-King Filter**



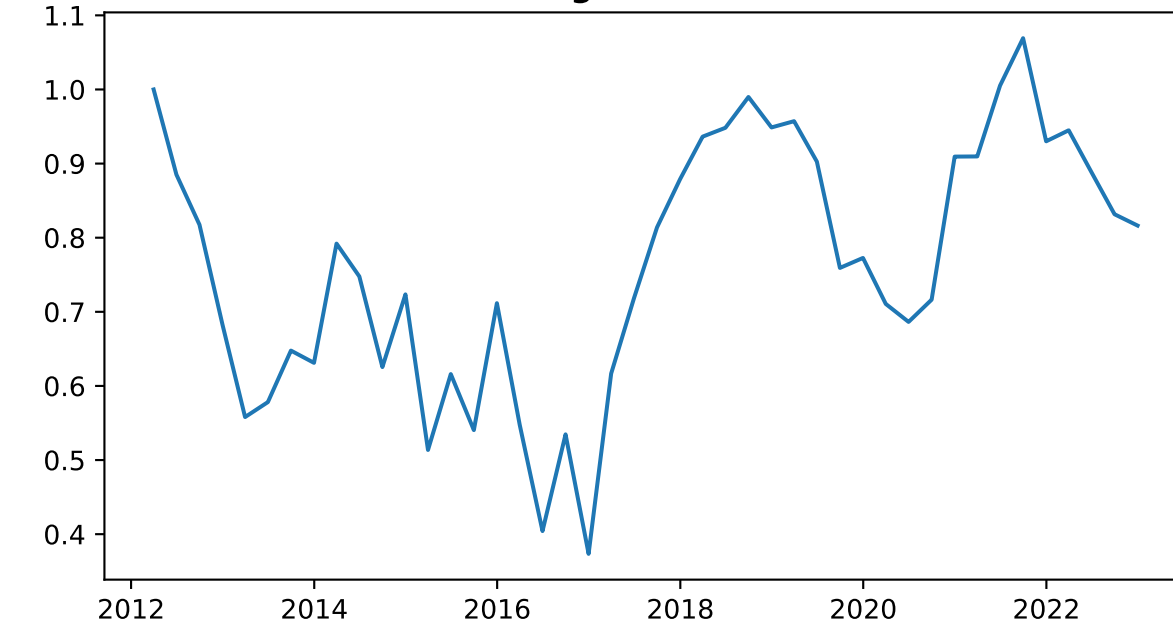
**Hodrick-Prescott Filter**



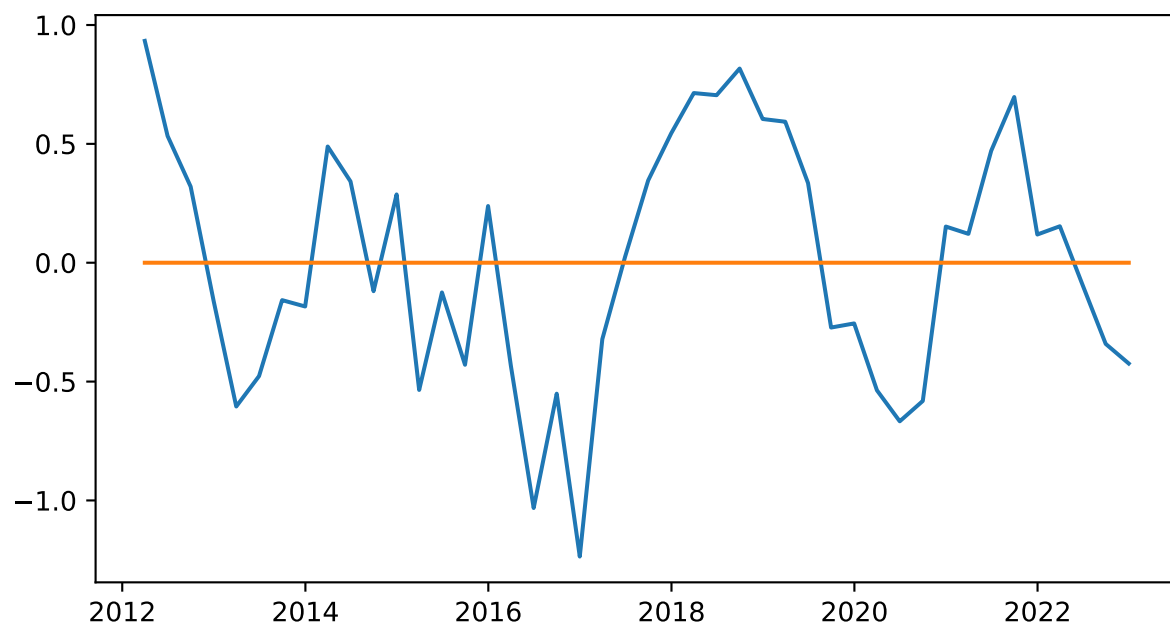
**Hamilton Filter**



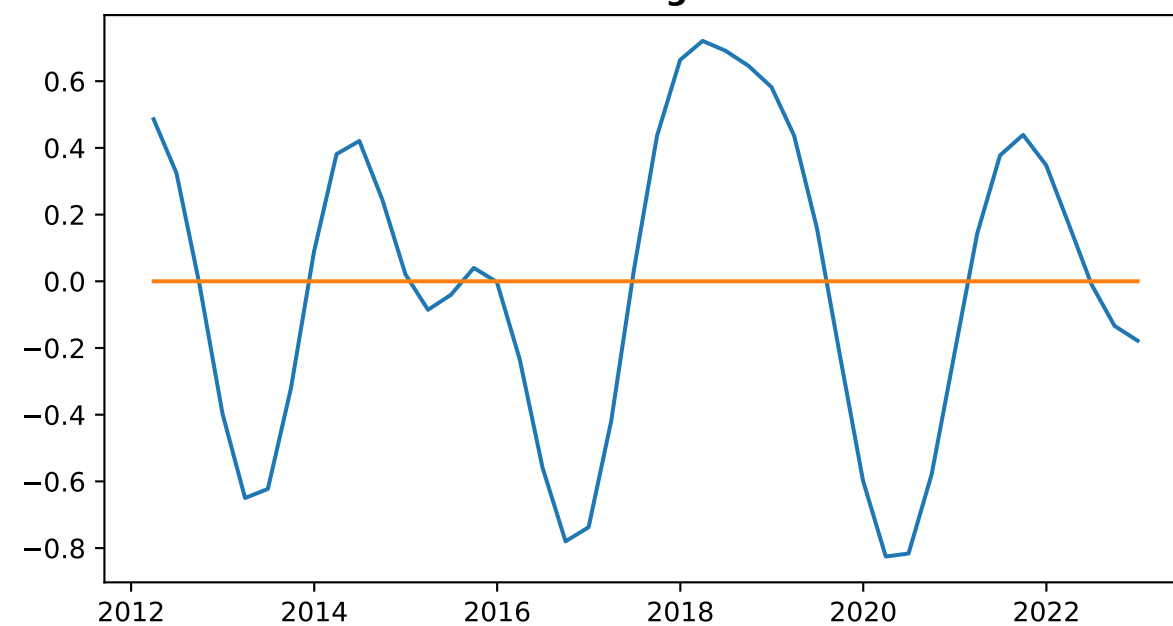
**log.Variable**



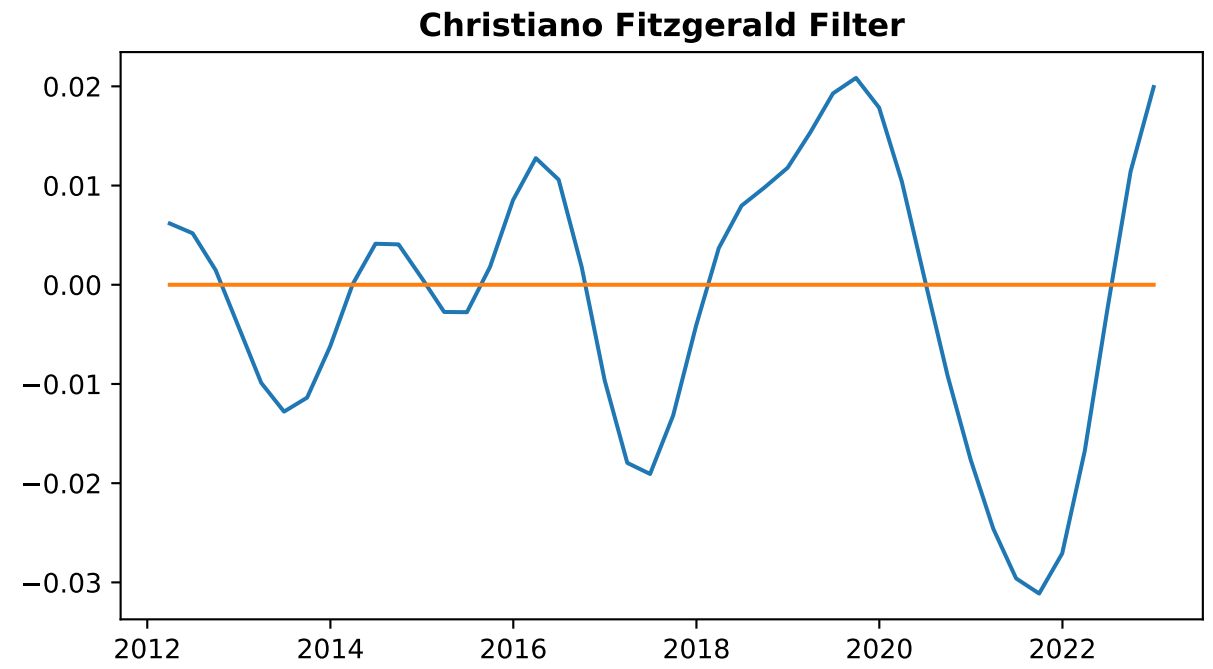
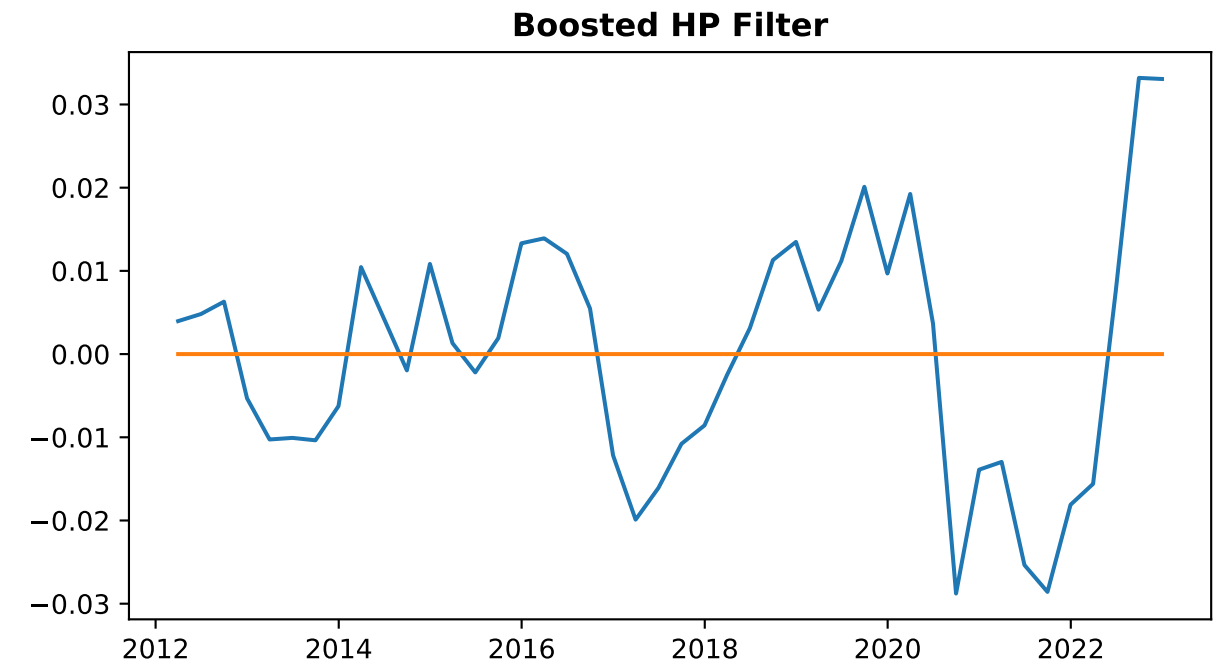
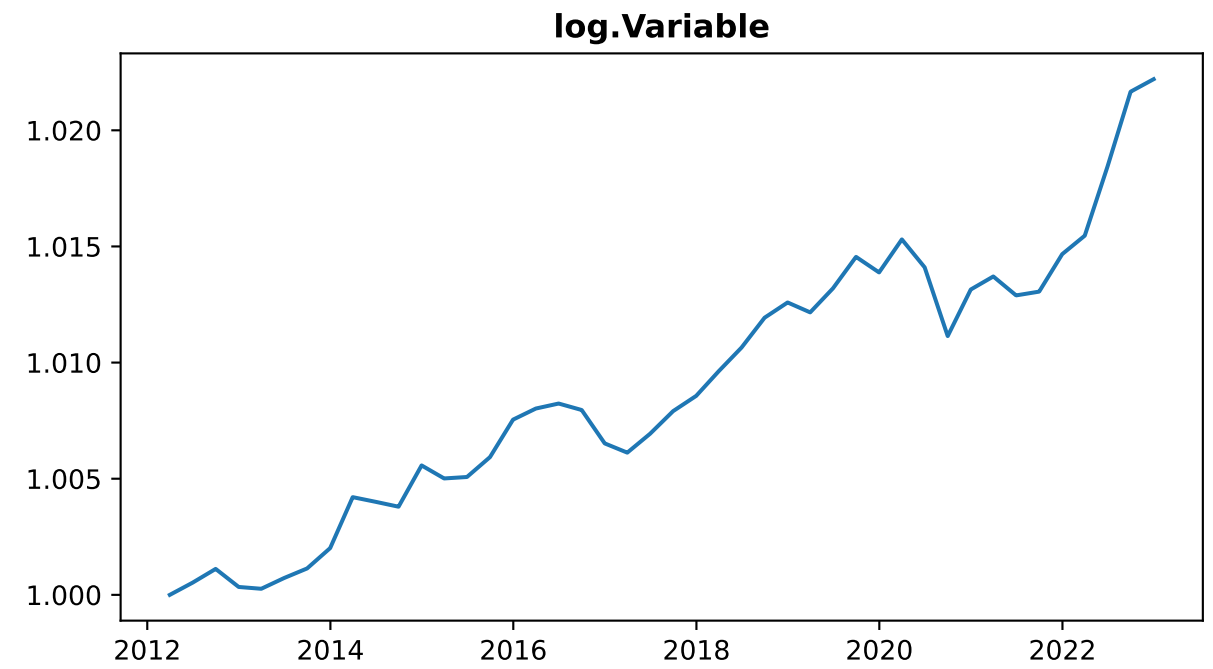
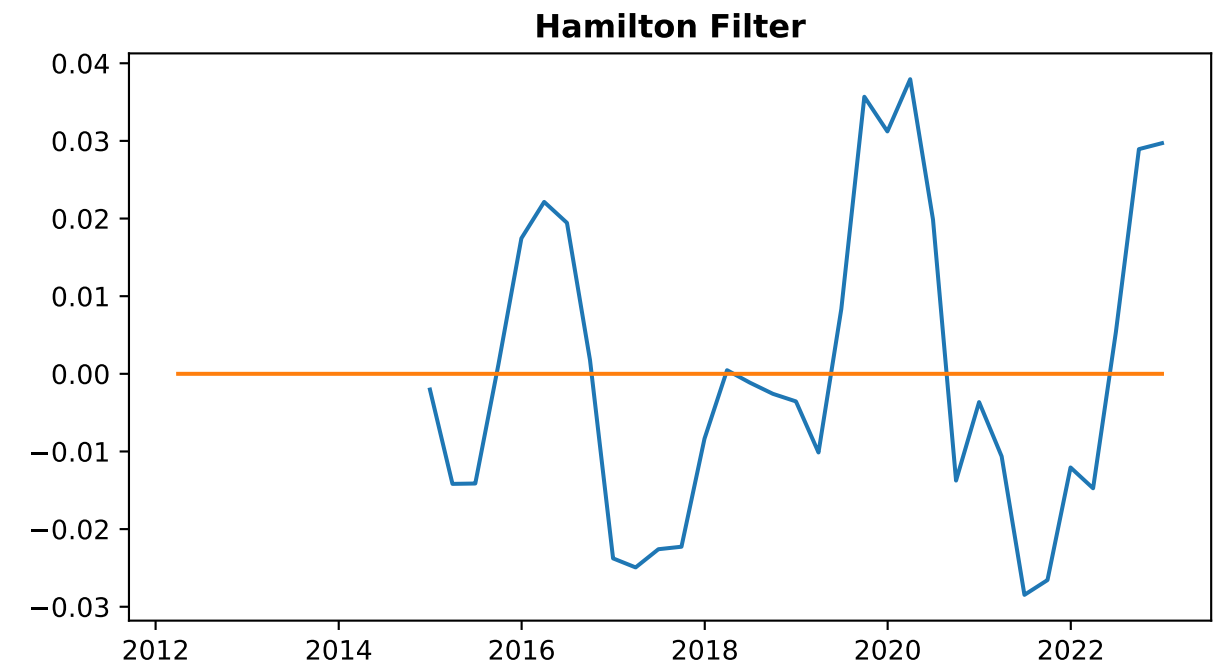
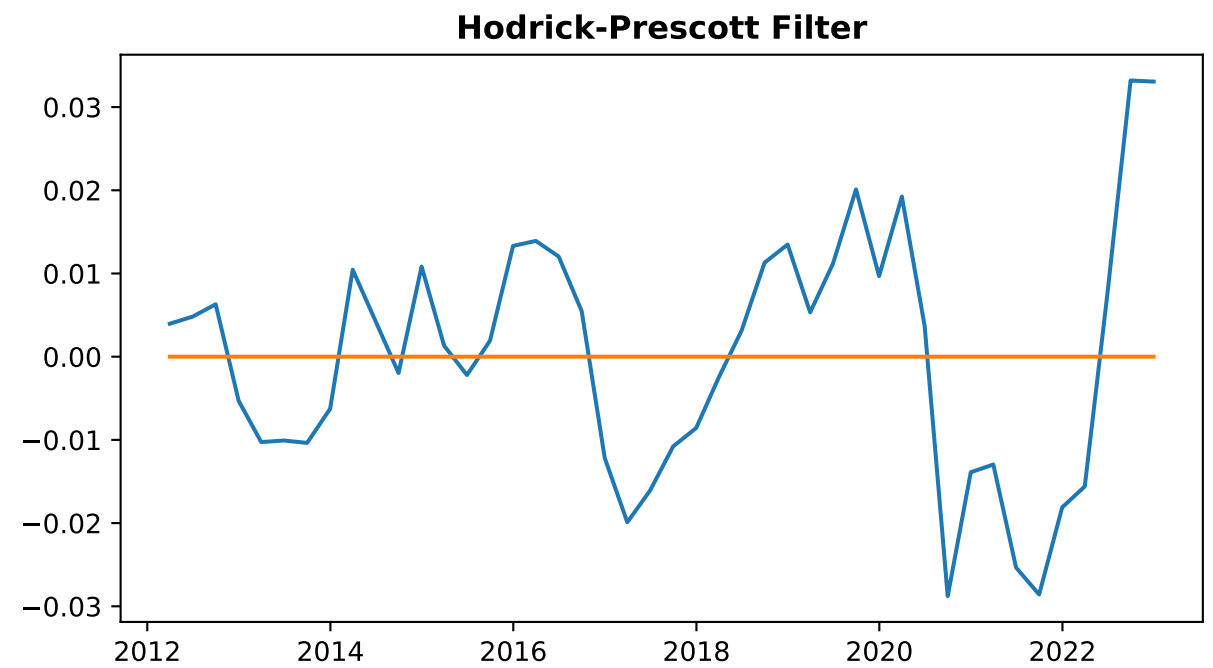
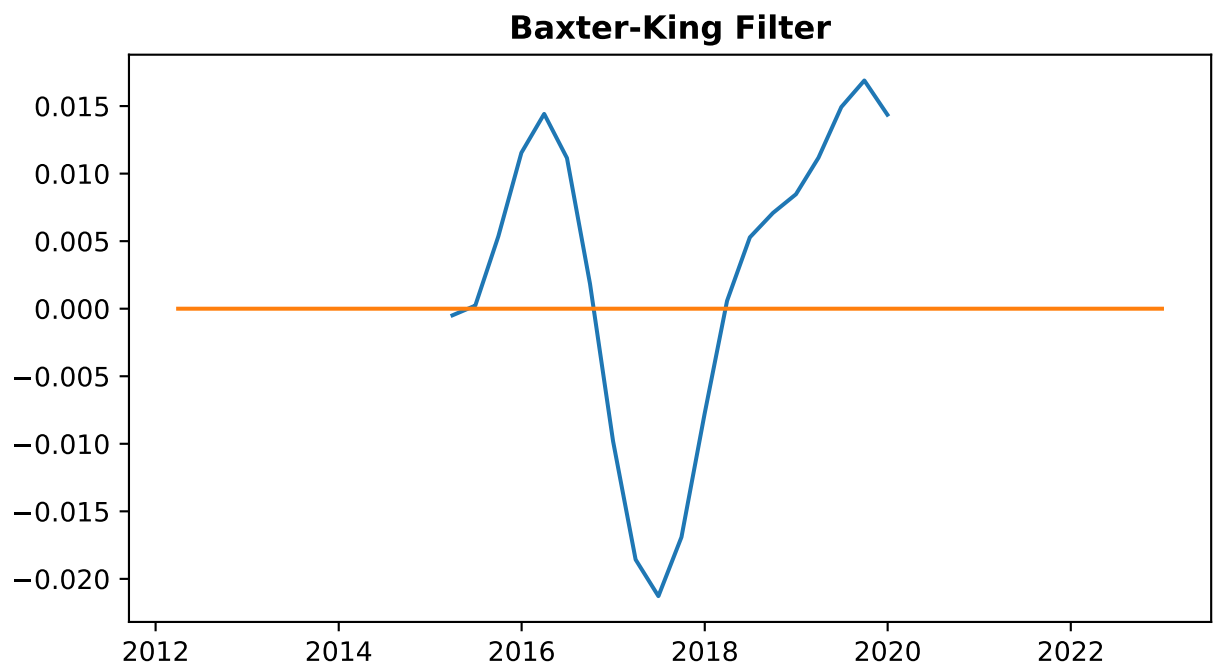
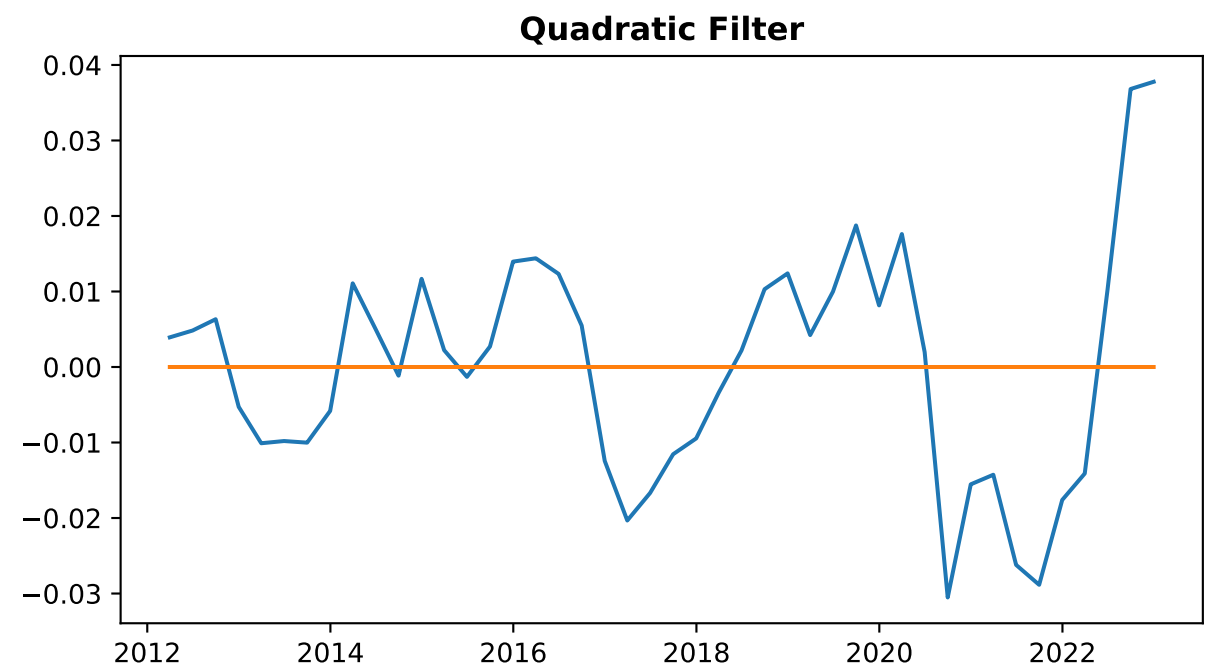
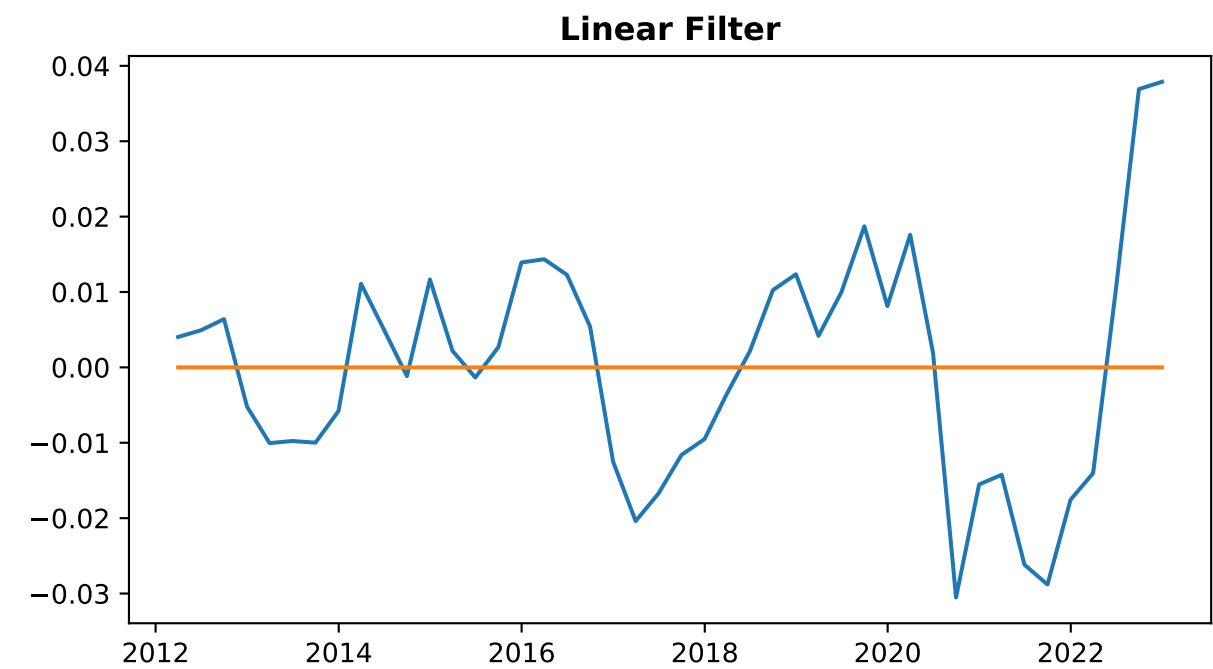
**Boosted HP Filter**



**Christiano Fitzgerald Filter**

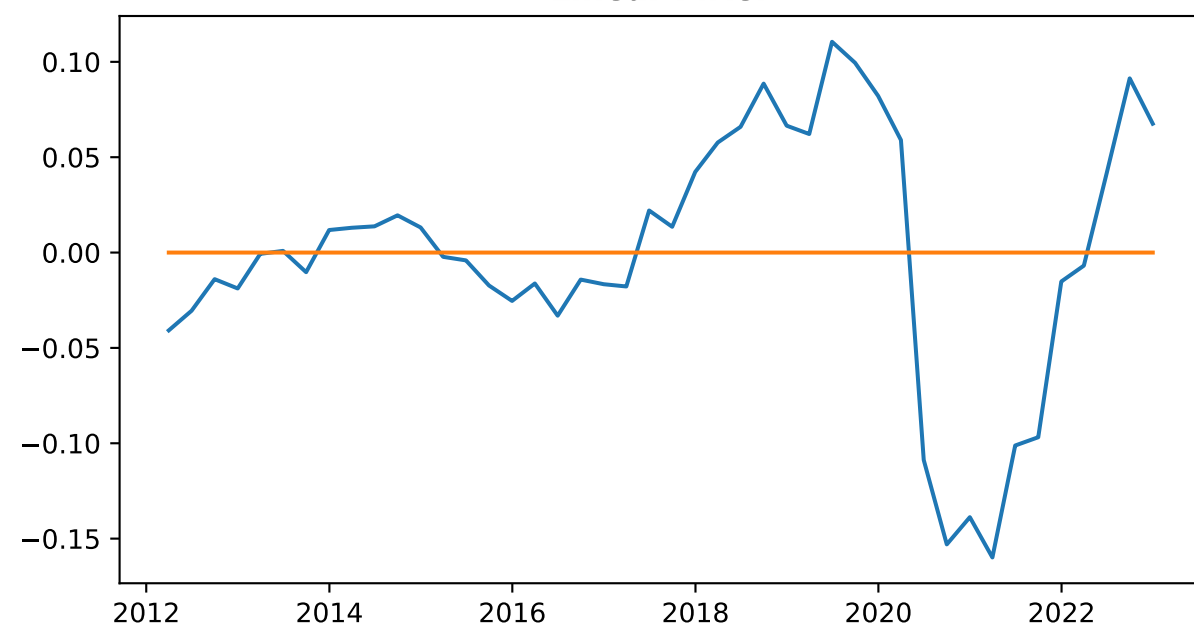


Comparing PNAD Administração pública, defesa, seguridade social, educação, saúde humana e serviços sociais

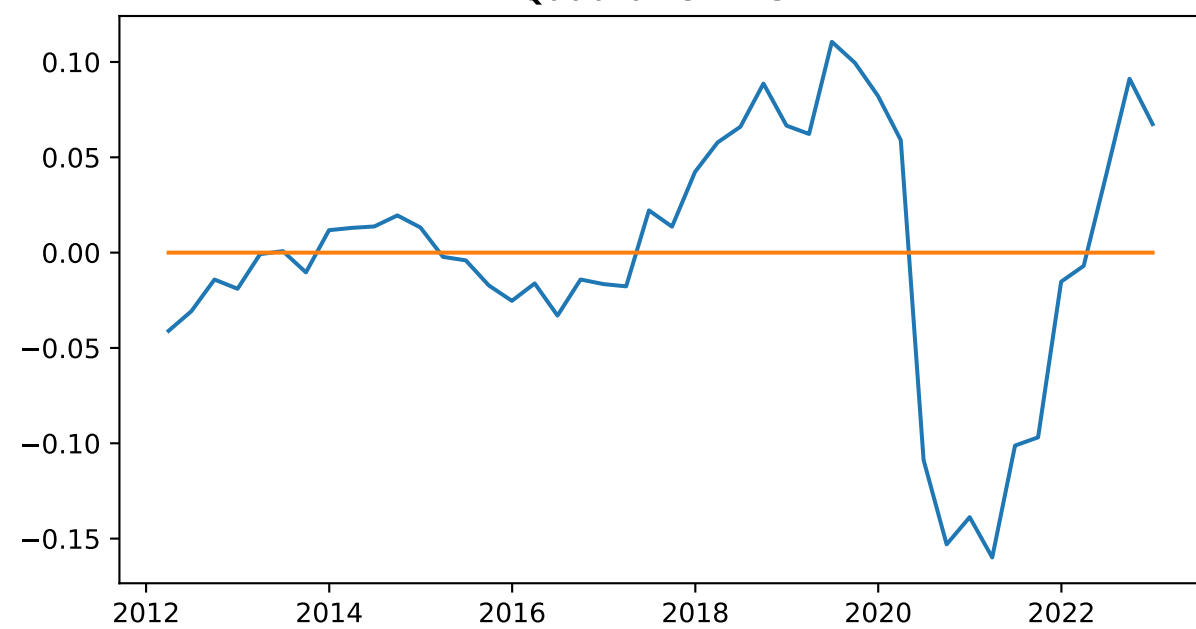


# Comparing PNAD Outro serviço

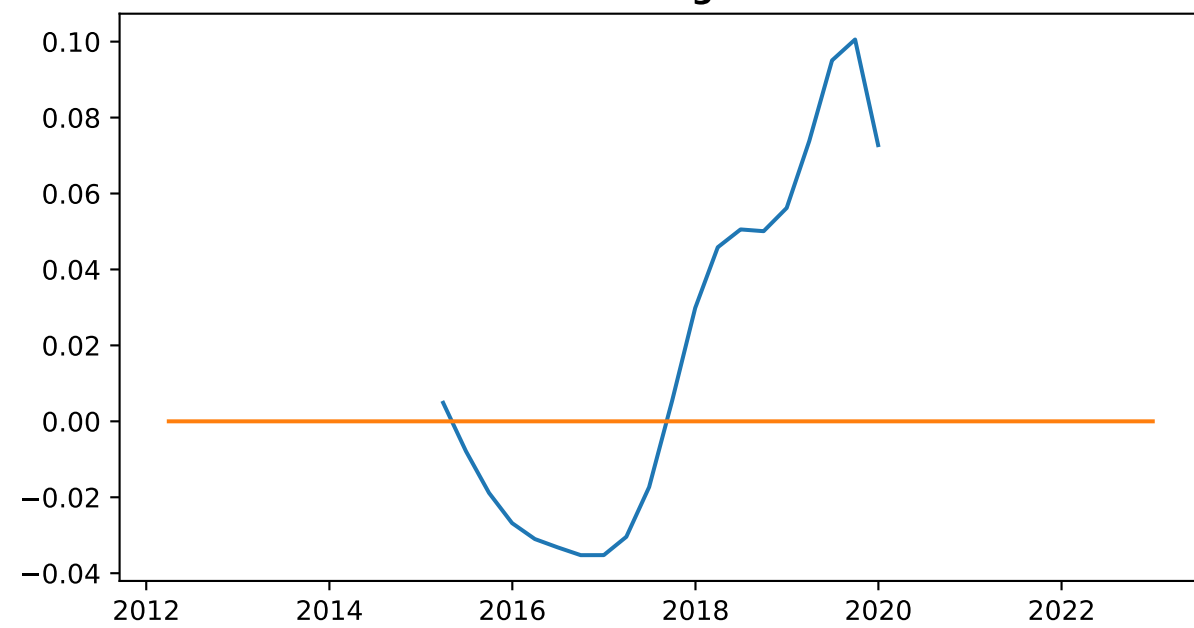
## Linear Filter



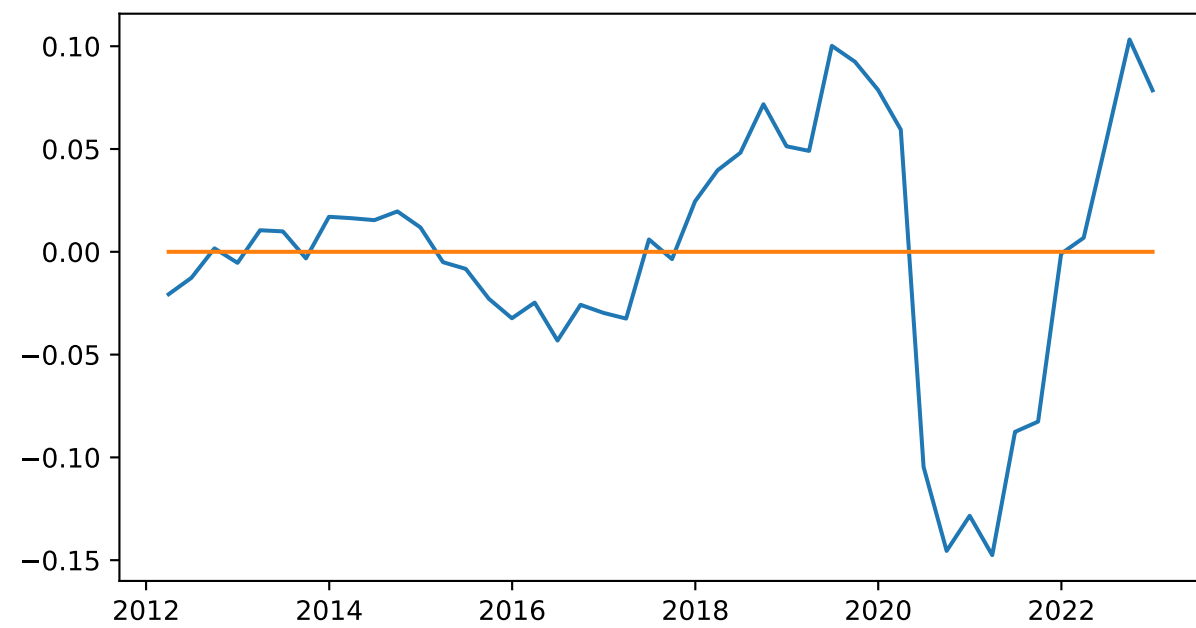
## Quadratic Filter



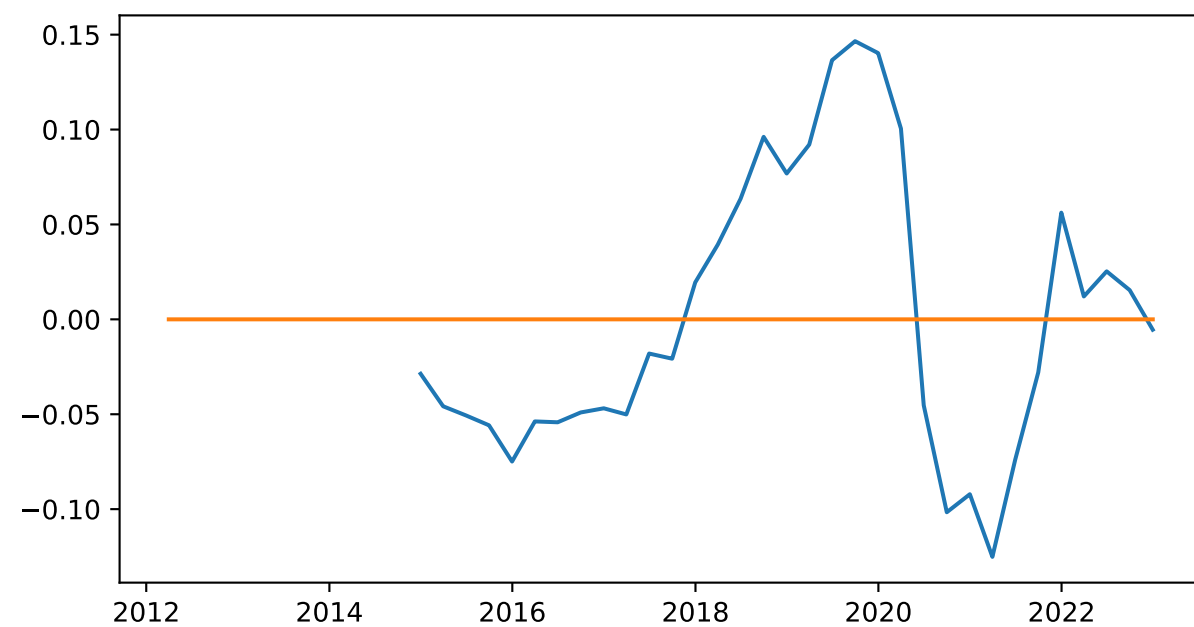
## Baxter-King Filter



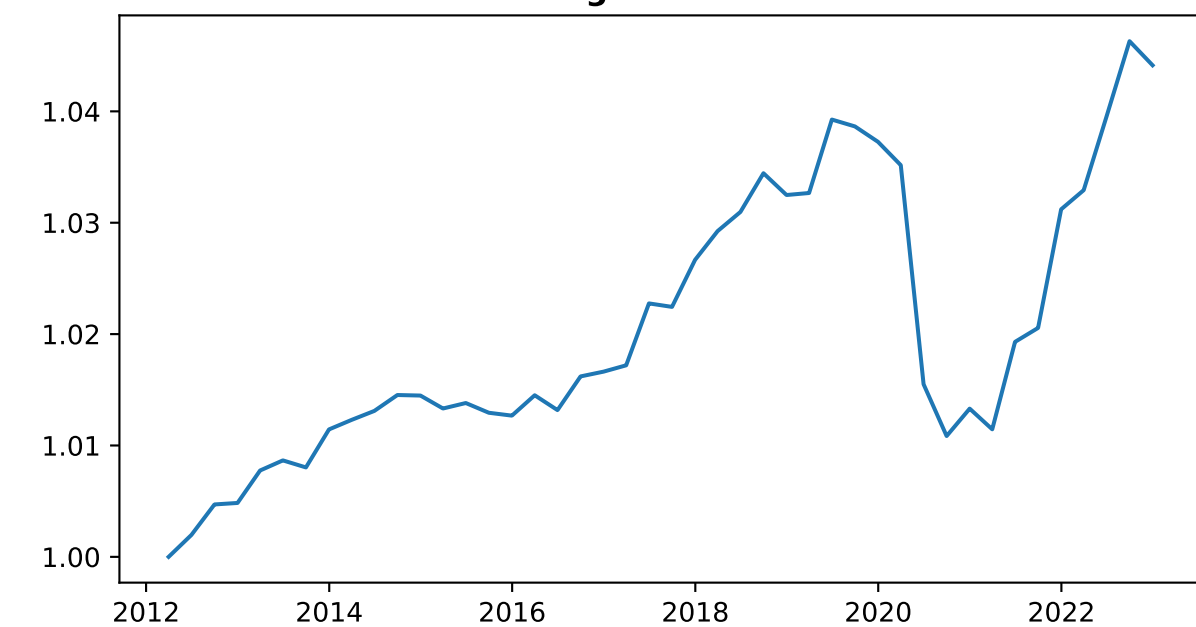
## Hodrick-Prescott Filter



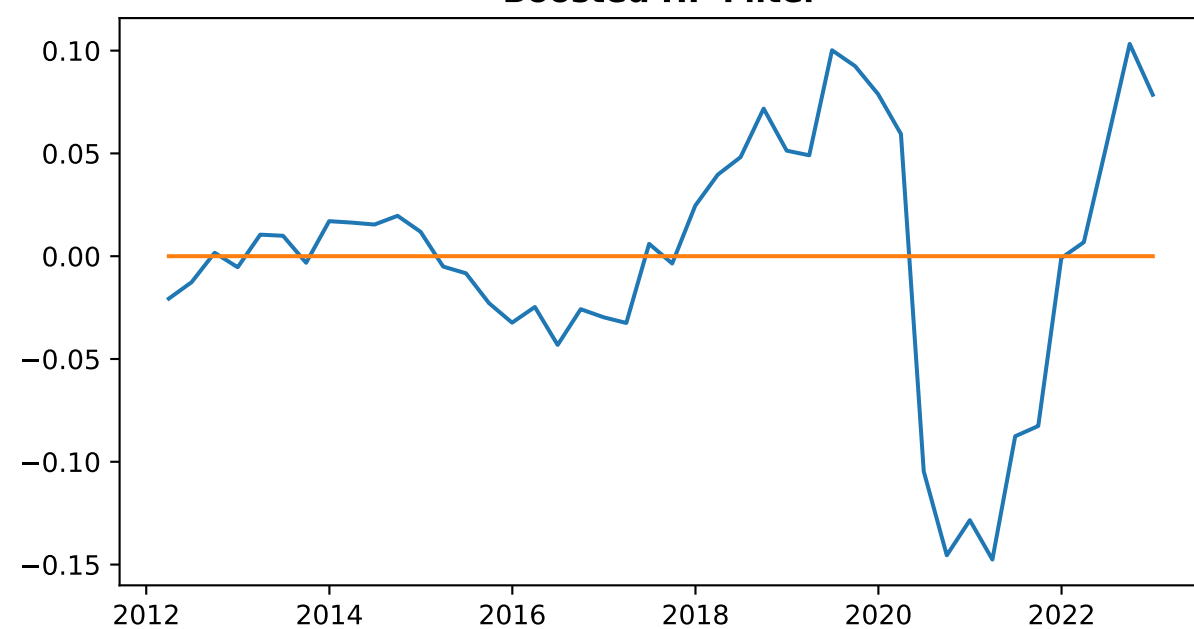
## Hamilton Filter



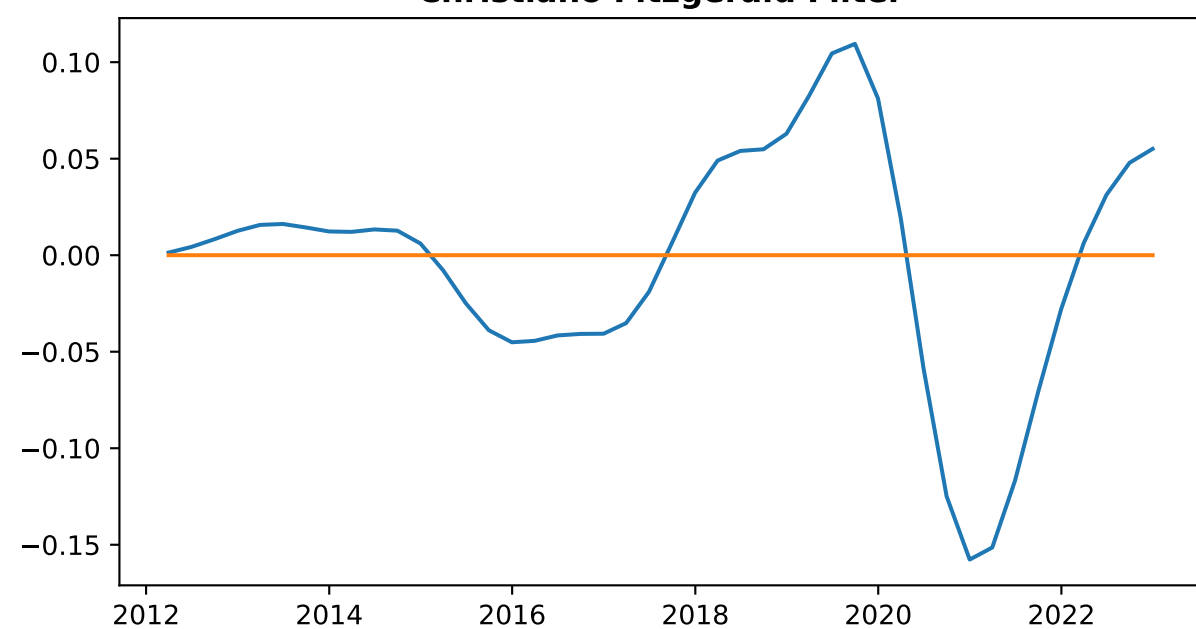
## log.Variable



## Boosted HP Filter

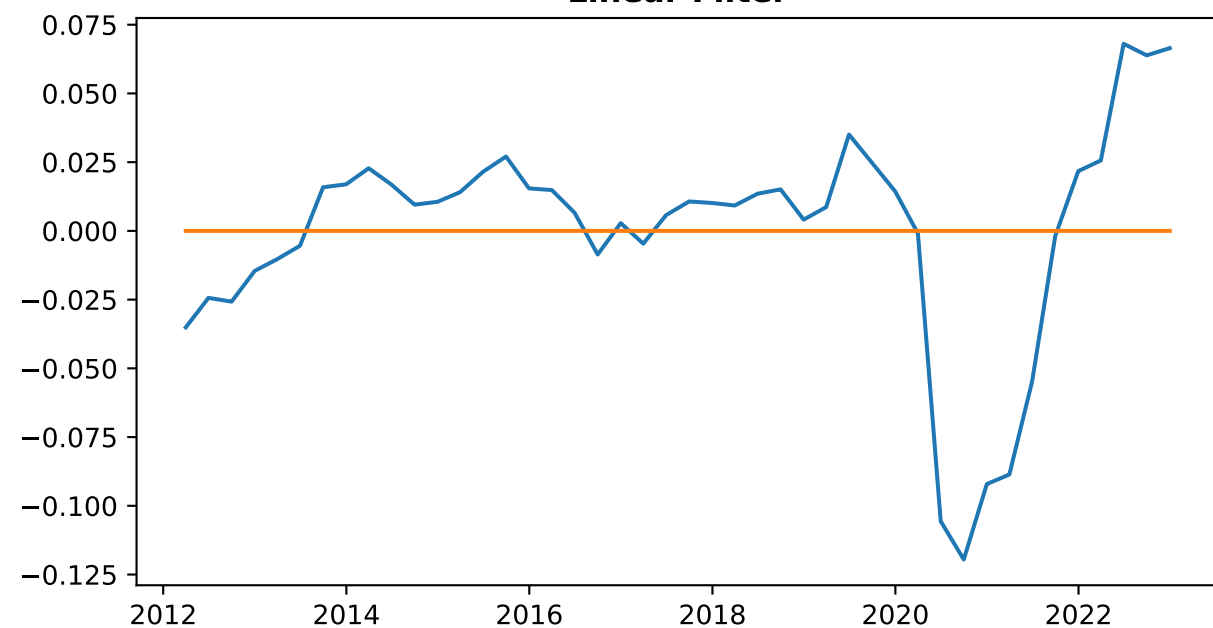


## Christiano Fitzgerald Filter

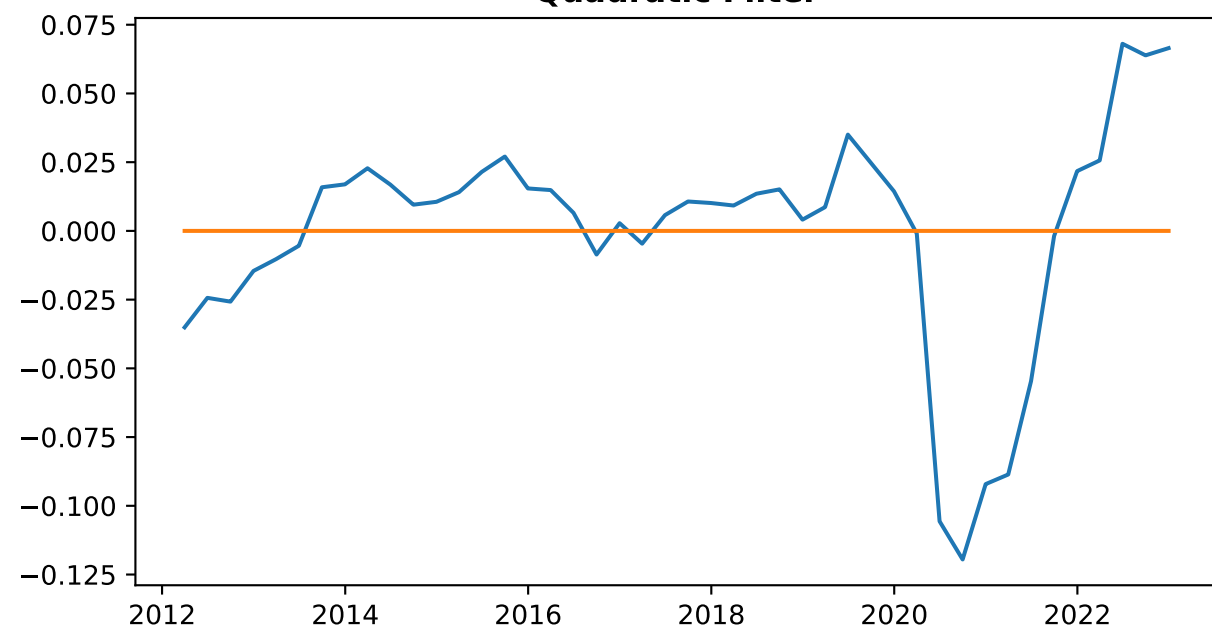


# Comparing PNAD Comércio, reparação de veículos automotores e motocicletas

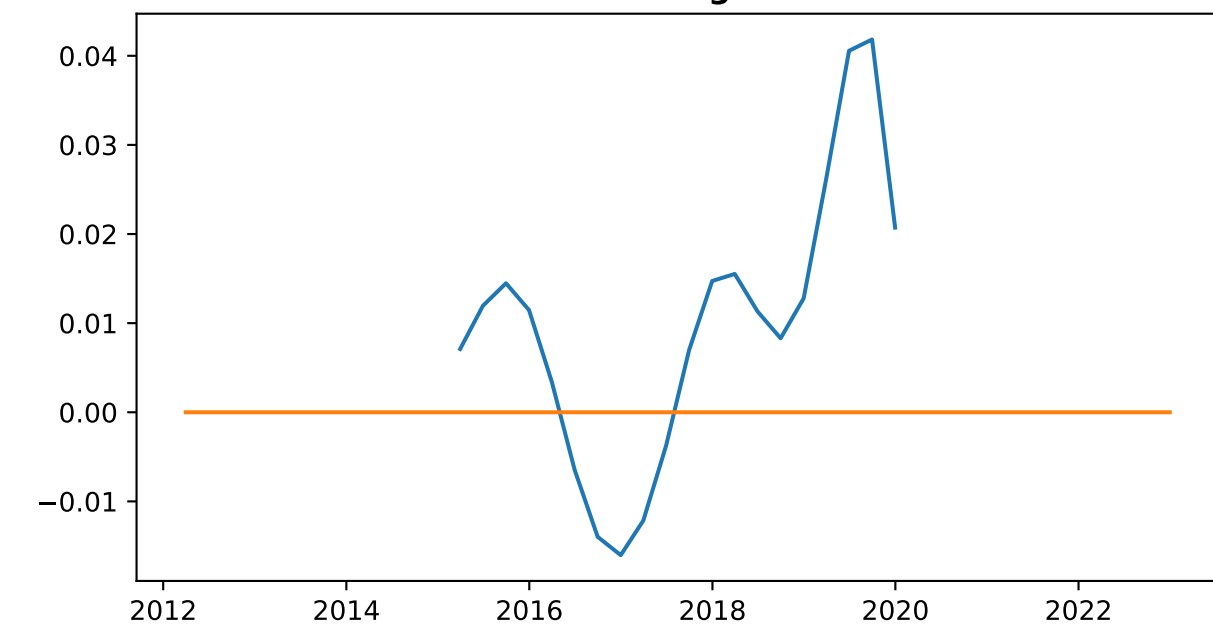
## Linear Filter



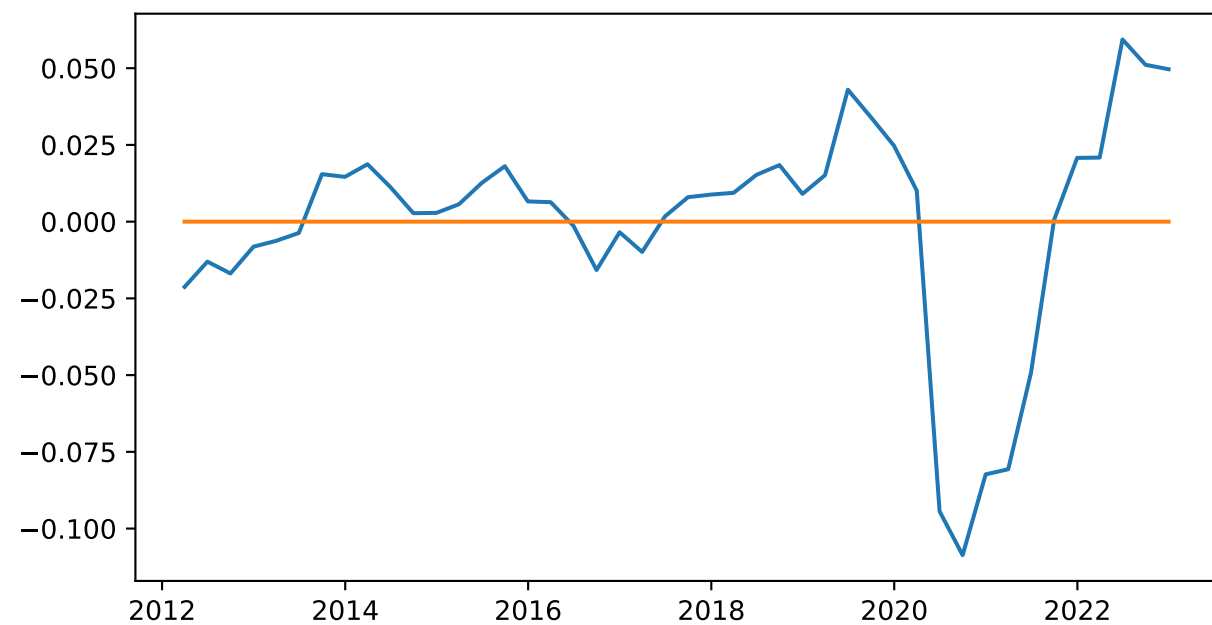
## Quadratic Filter



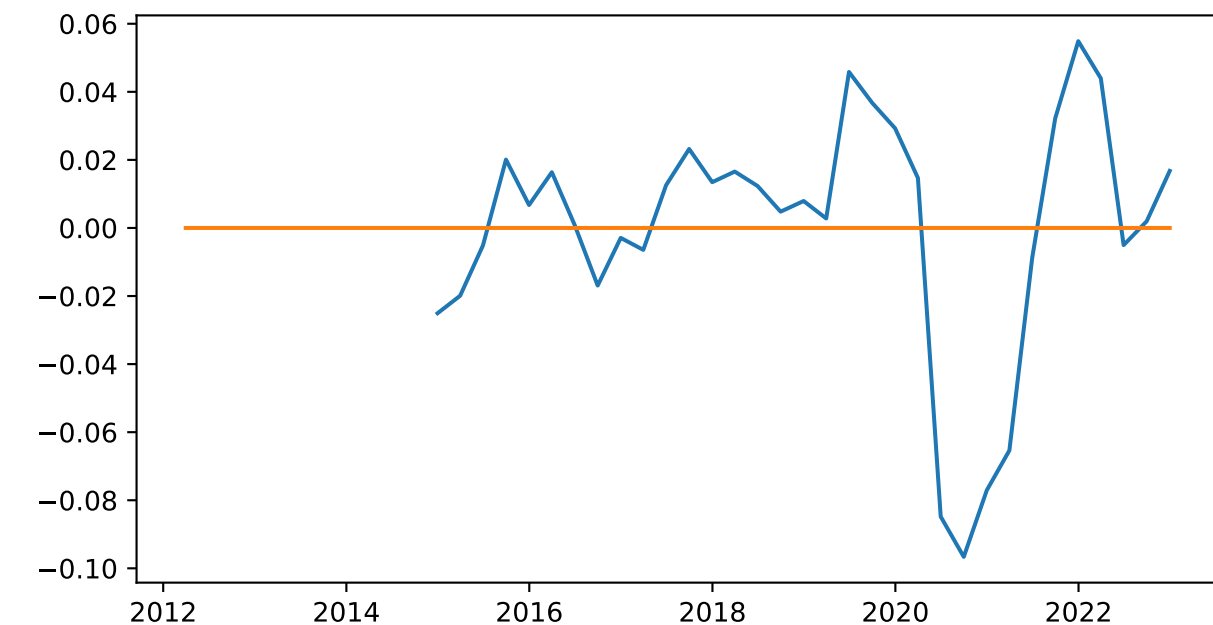
## Baxter-King Filter



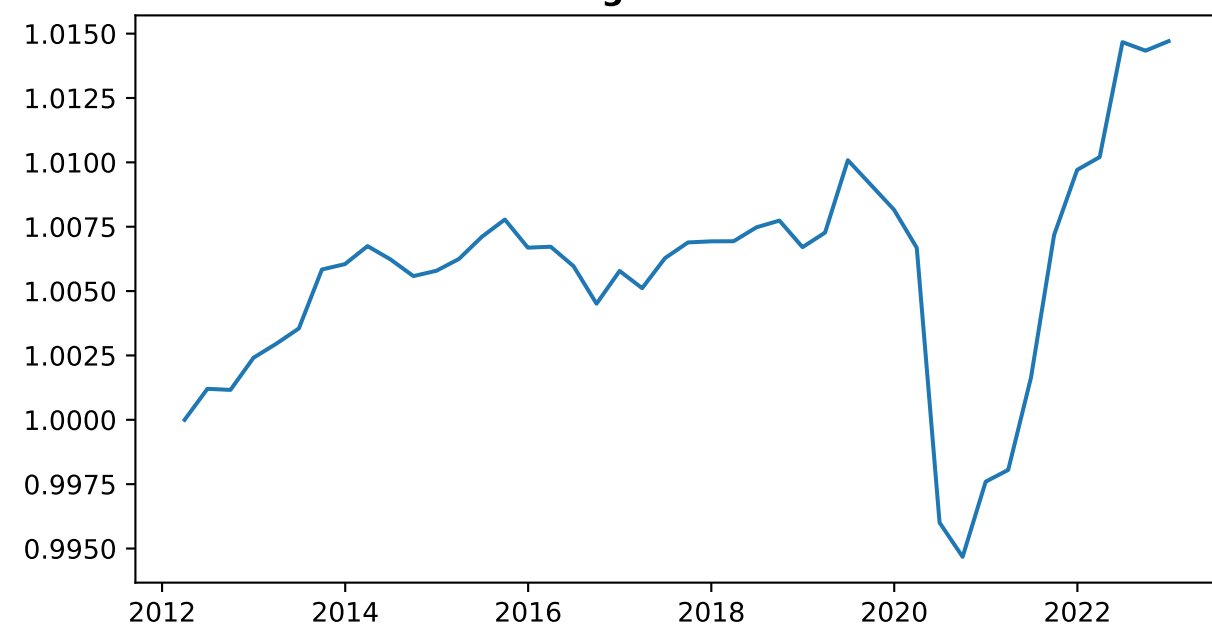
## Hodrick-Prescott Filter



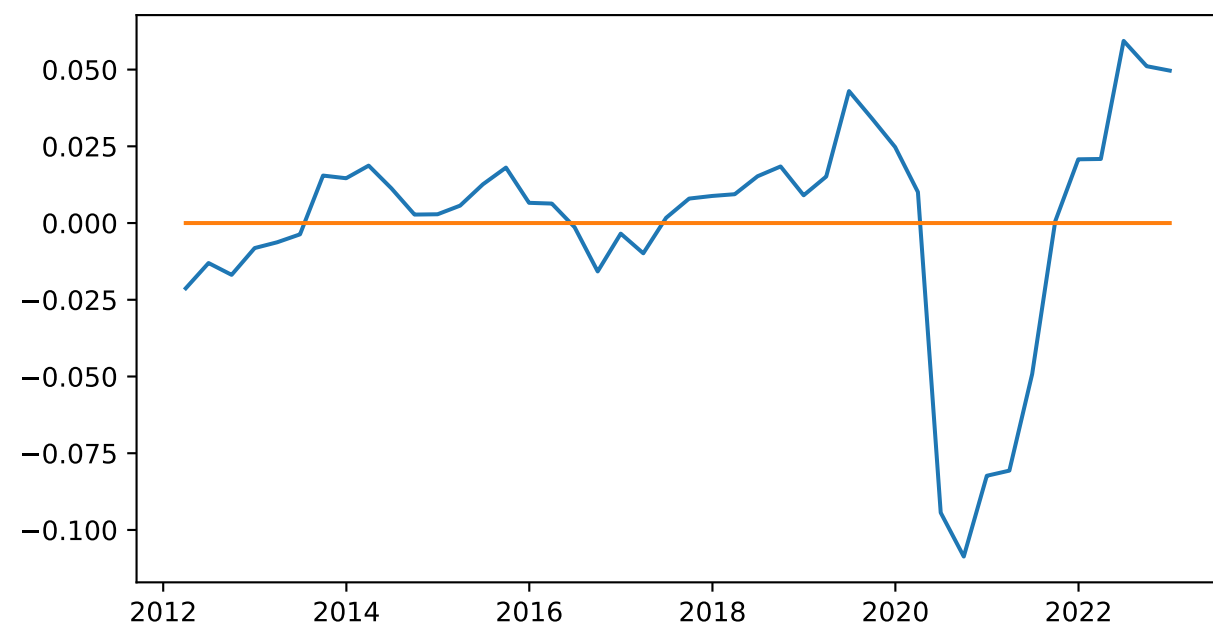
## Hamilton Filter



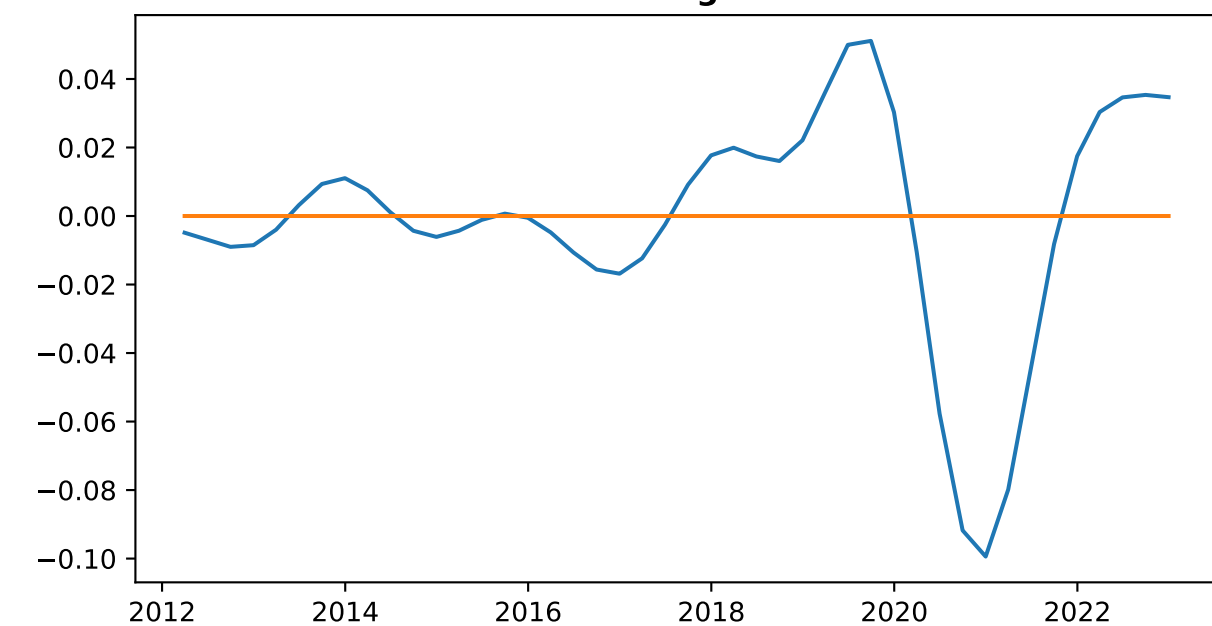
## log.Variable



## Boosted HP Filter



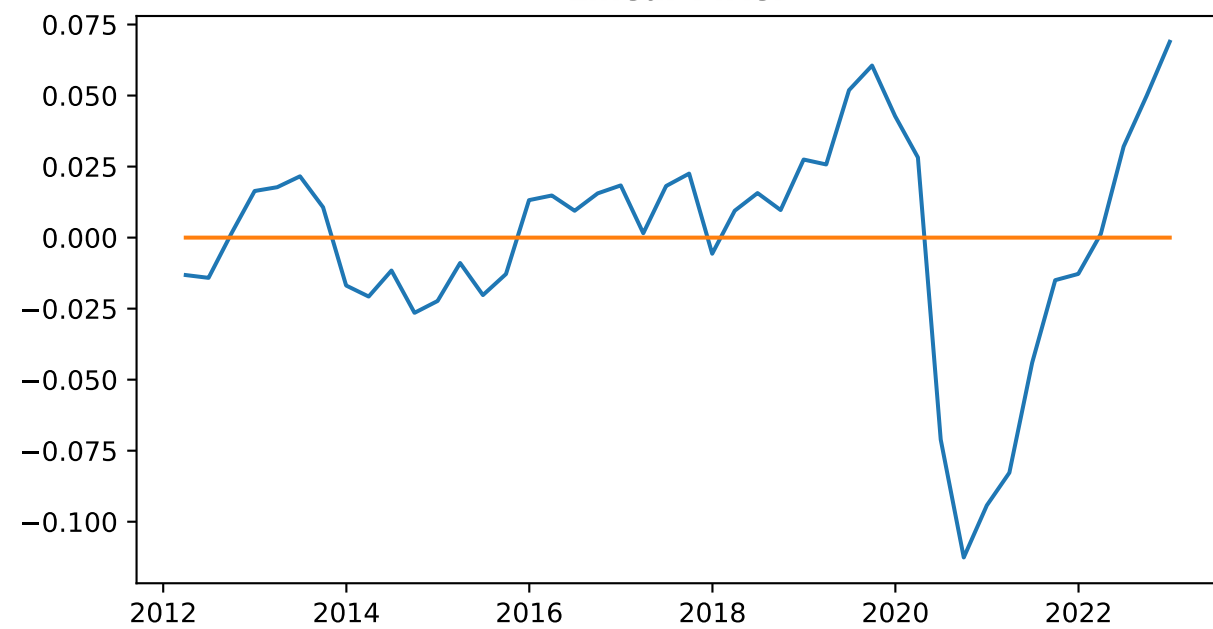
## Christiano Fitzgerald Filter



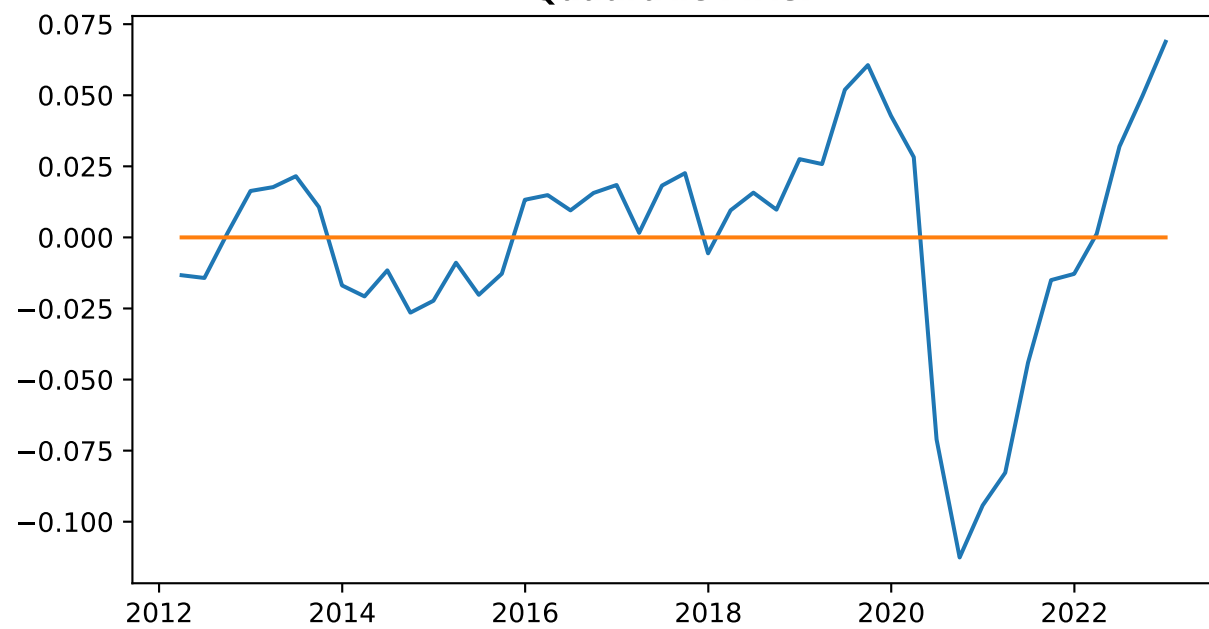


# Comparing PNAD Transporte, armazenagem e correio

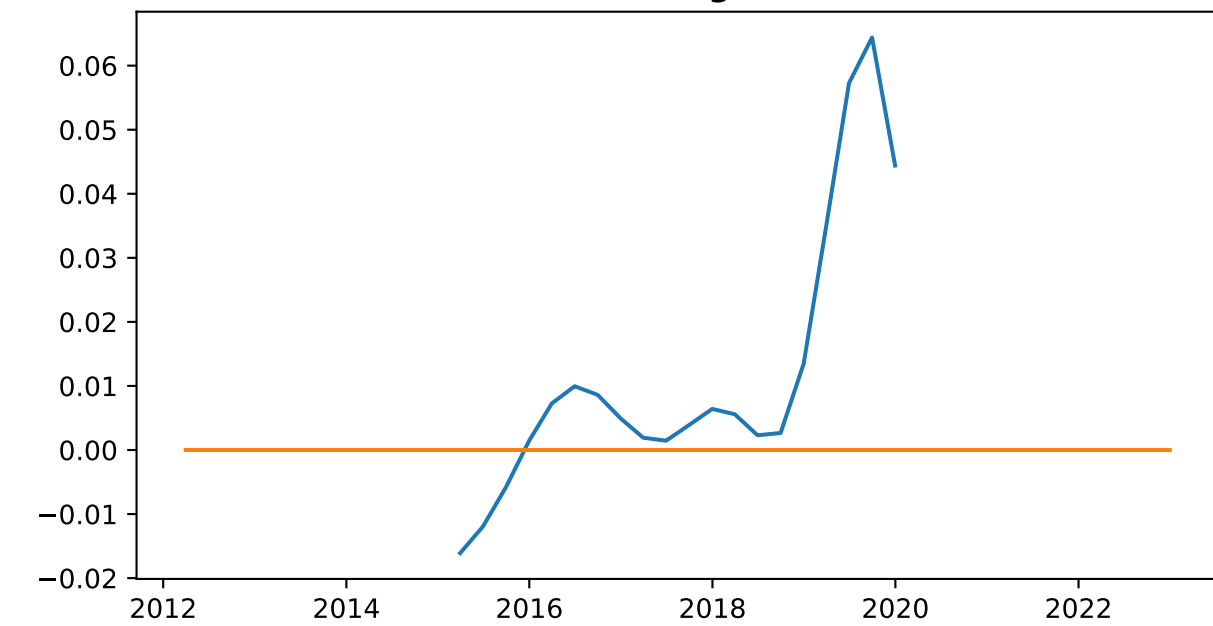
## Linear Filter



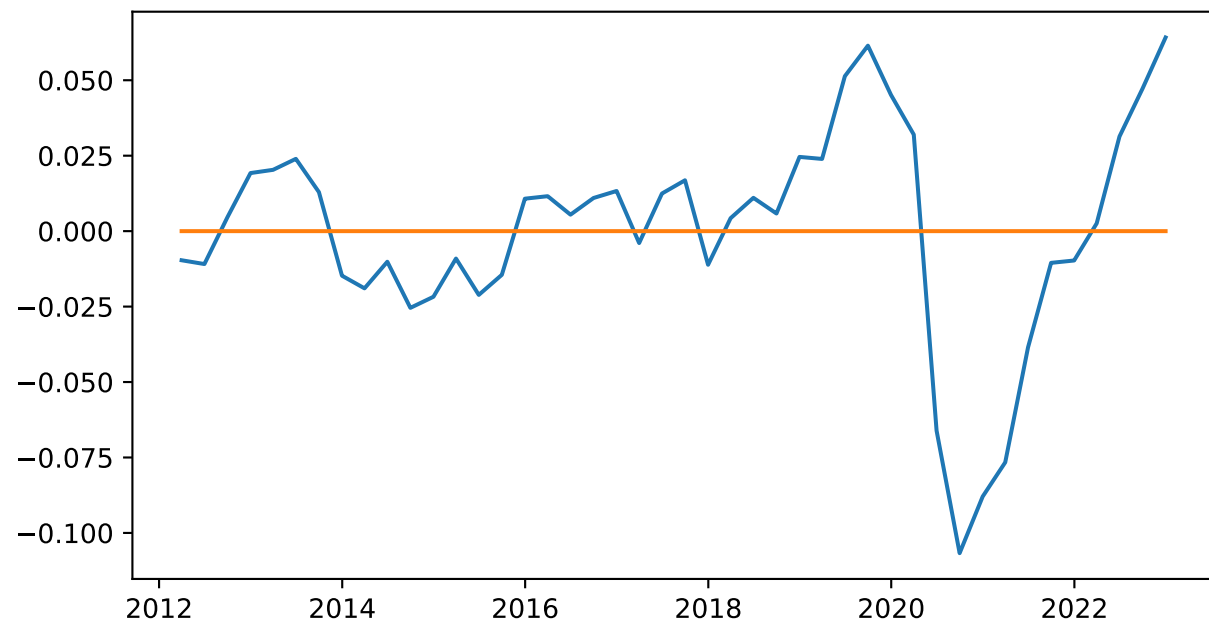
## Quadratic Filter



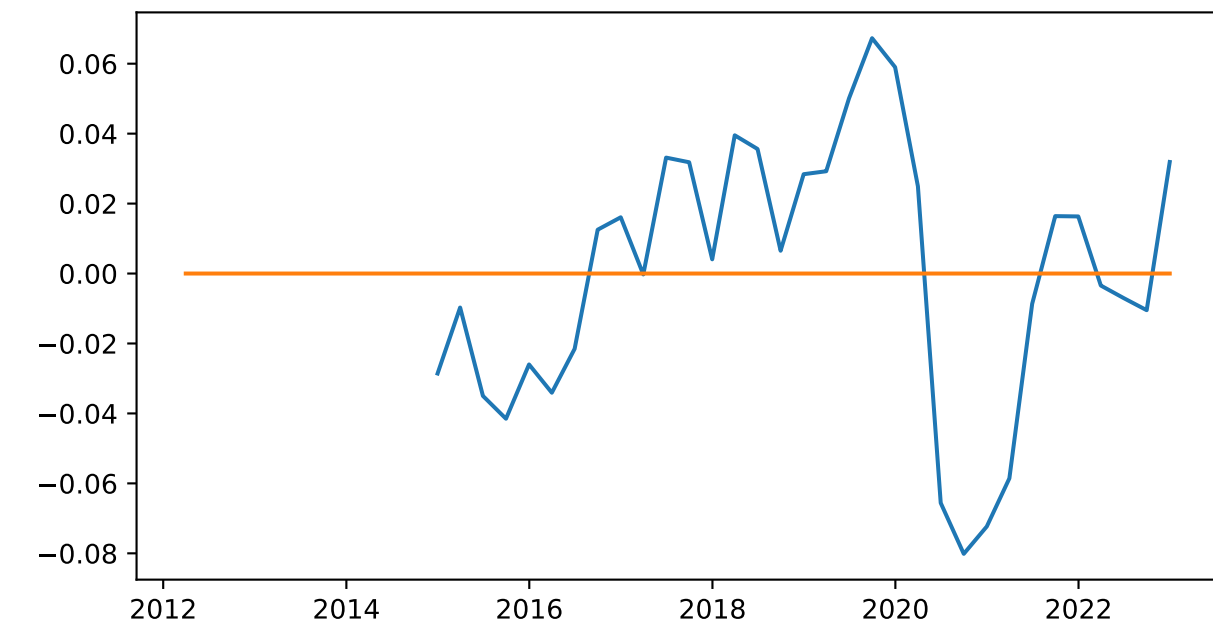
## Baxter-King Filter



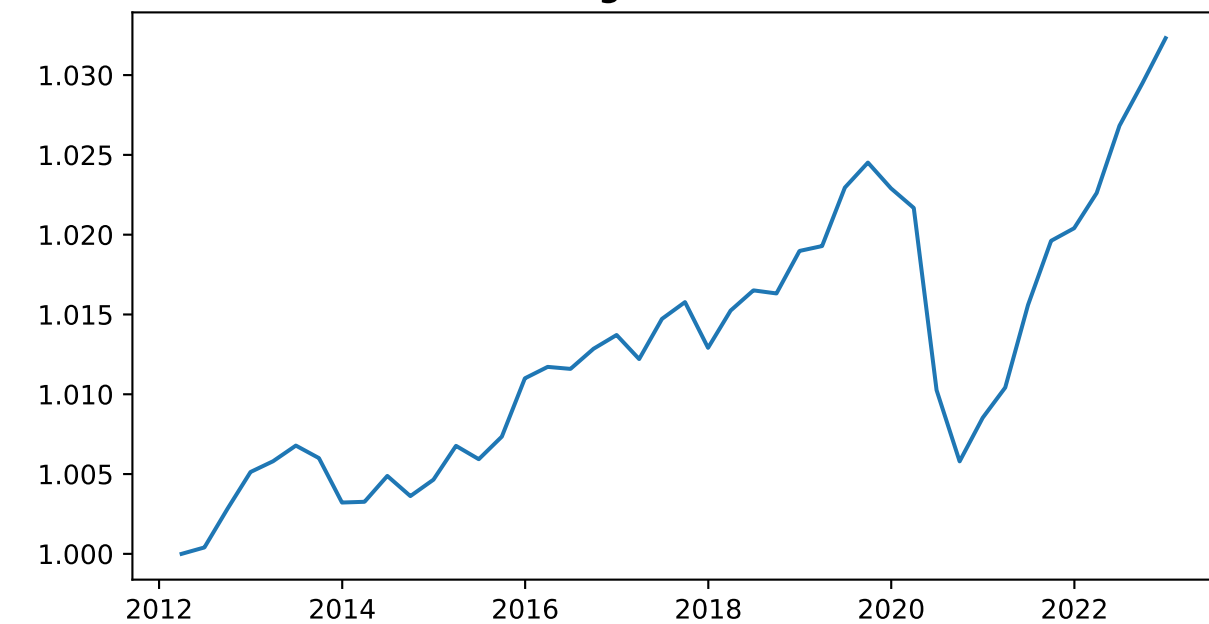
## Hodrick-Prescott Filter



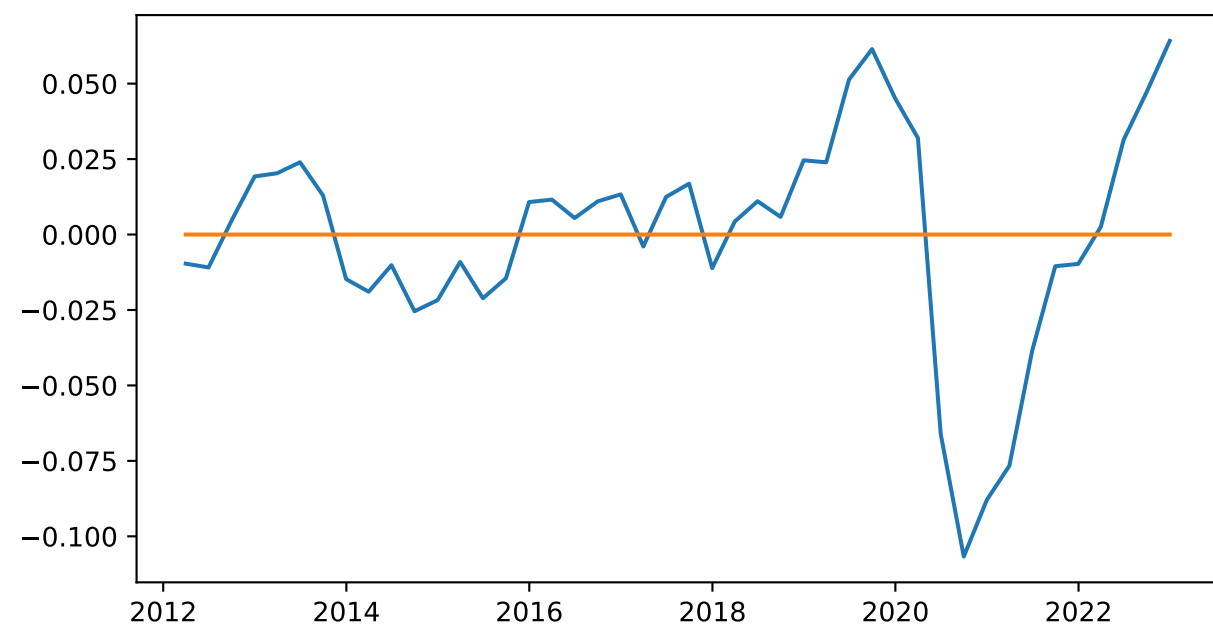
## Hamilton Filter



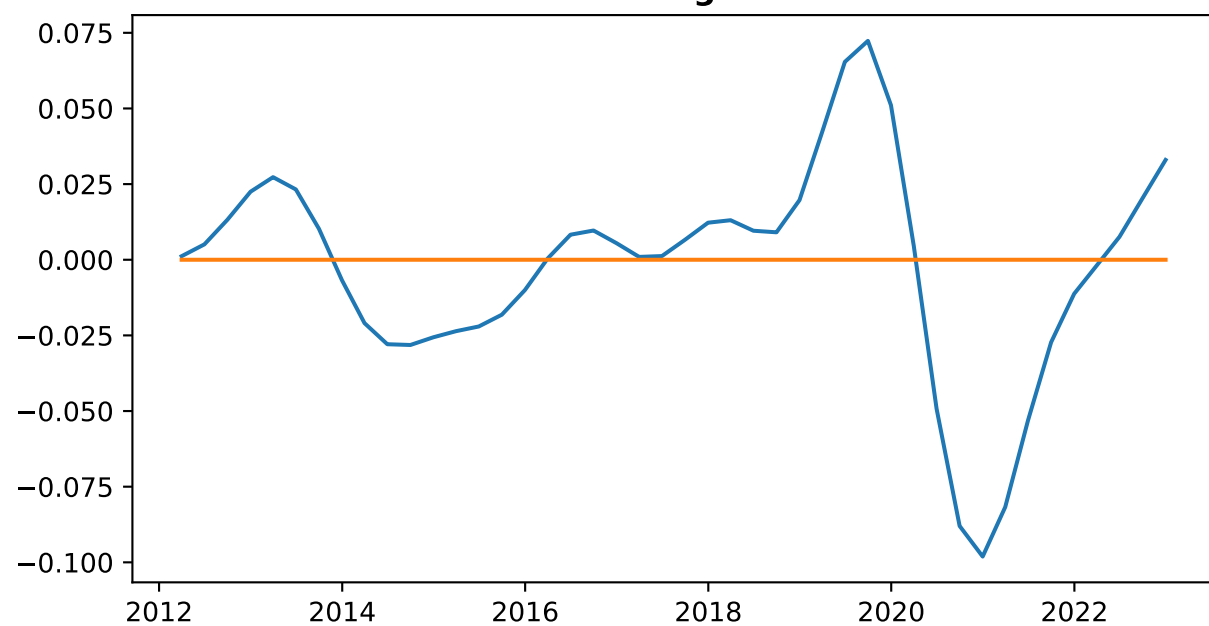
## log.Variable



## Boosted HP Filter

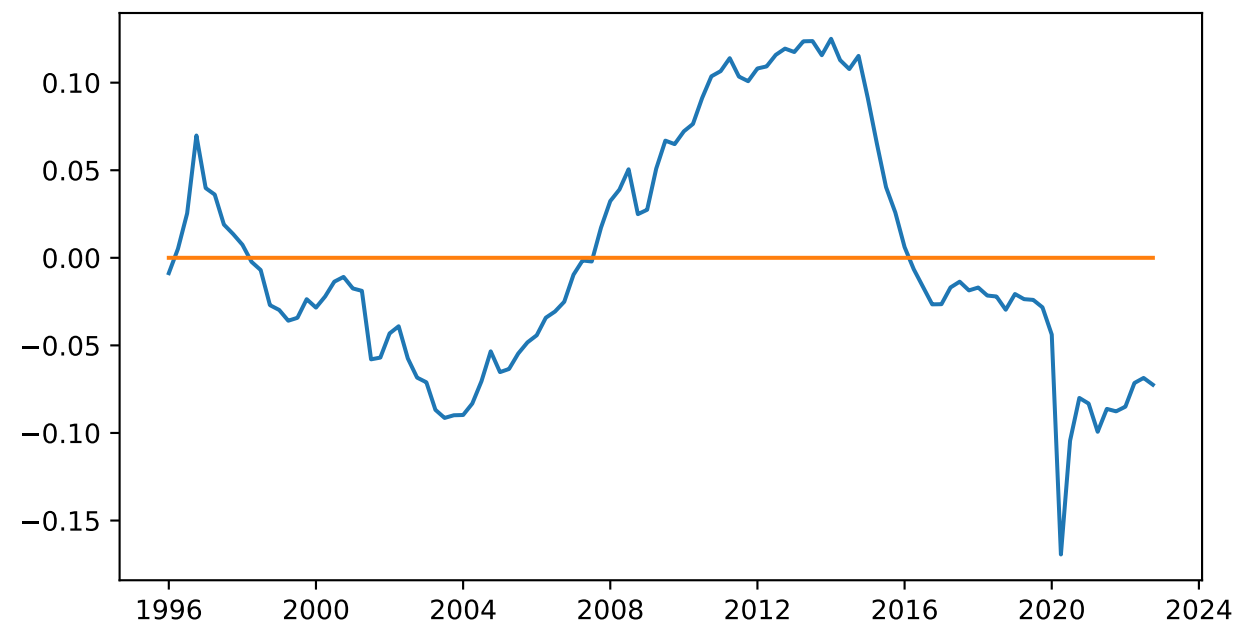


## Christiano Fitzgerald Filter

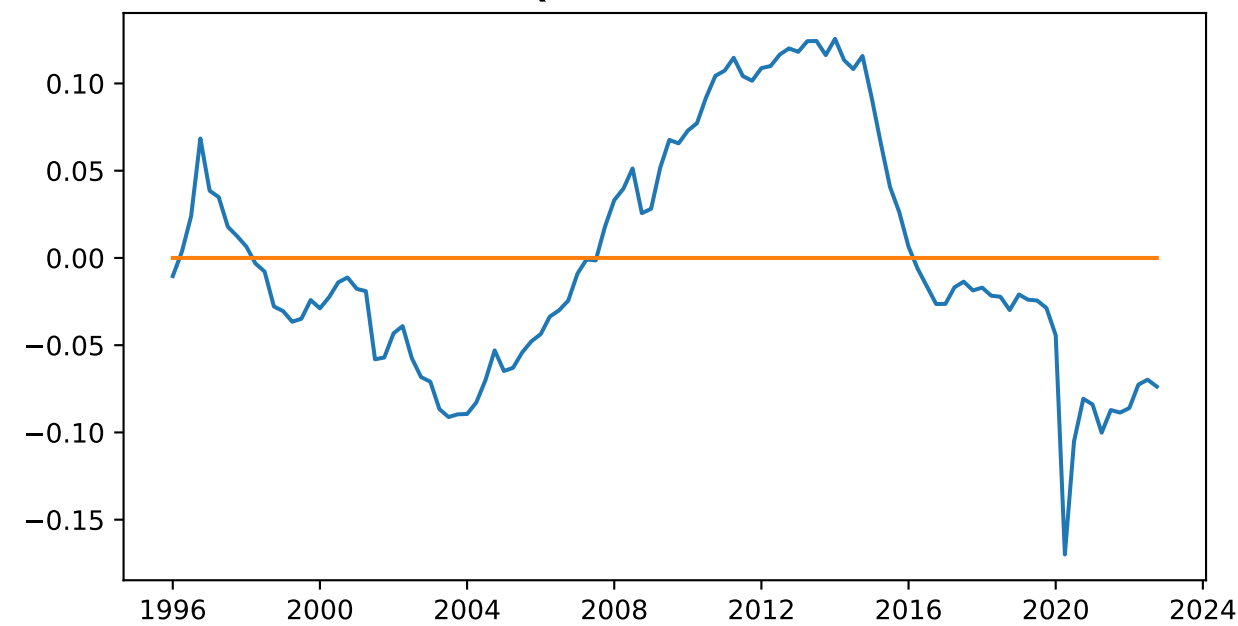


# Comparing Private consumption SCN-2010 SA

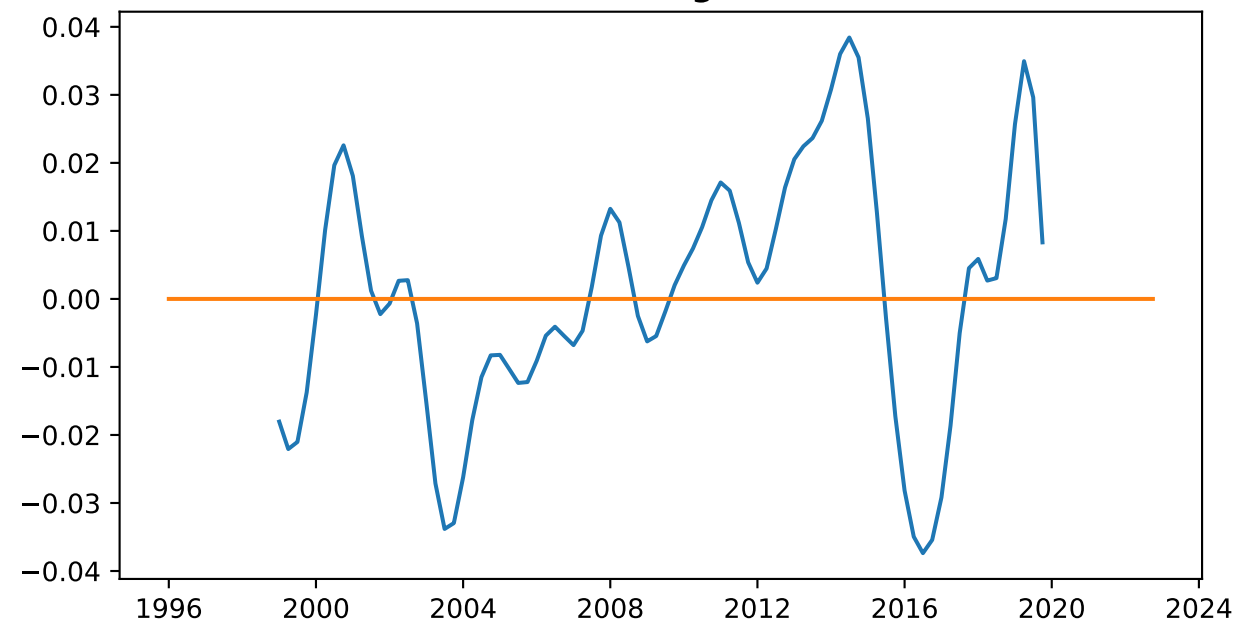
## Linear Filter



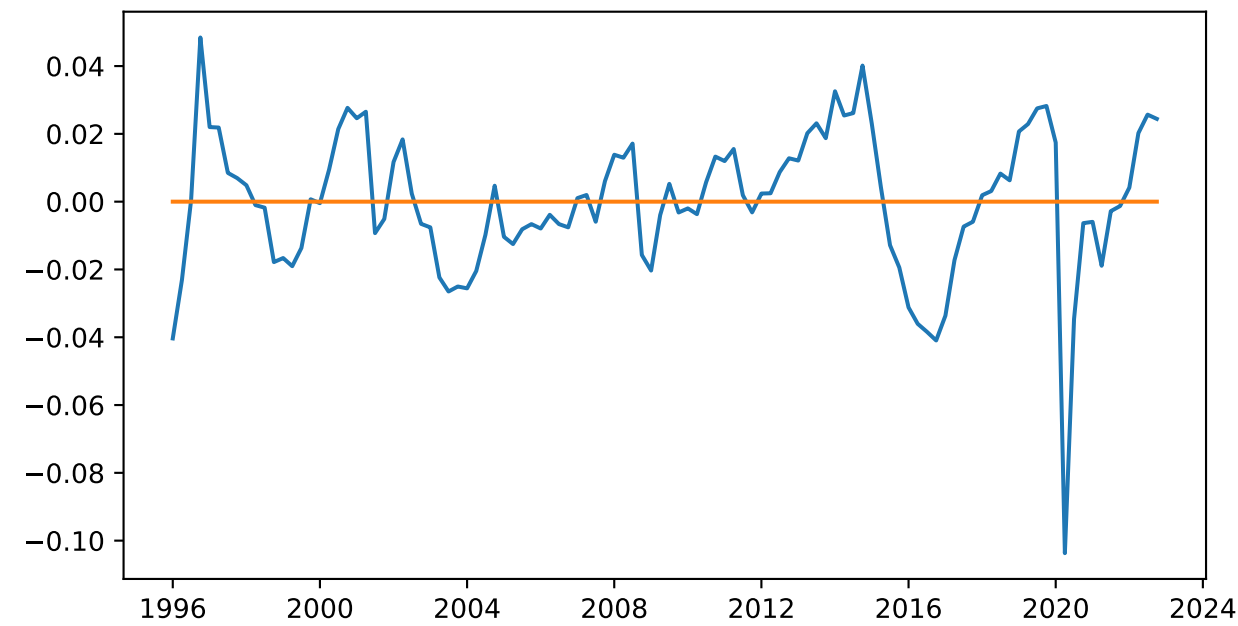
## Quadratic Filter



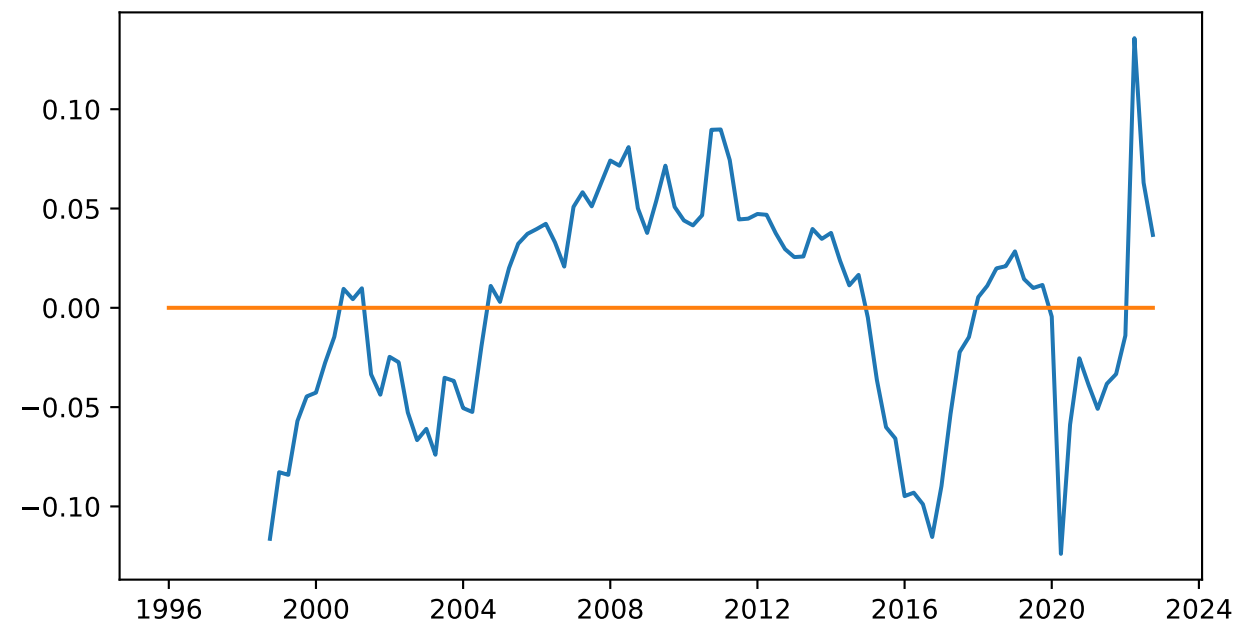
## Baxter-King Filter



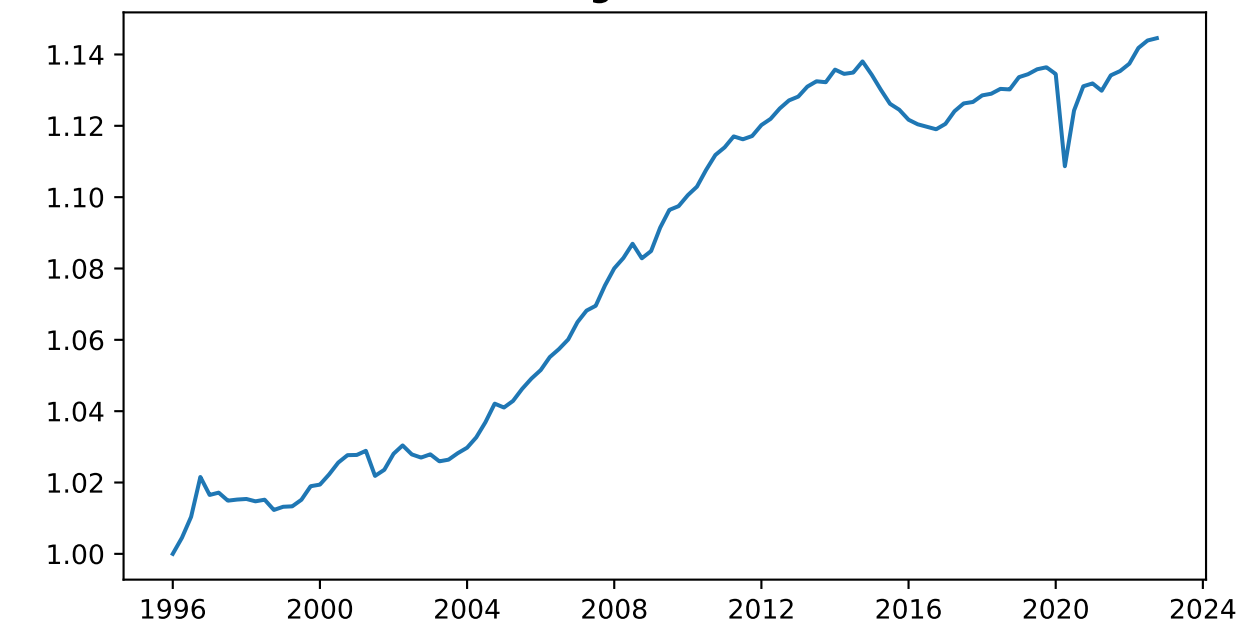
## Hodrick-Prescott Filter



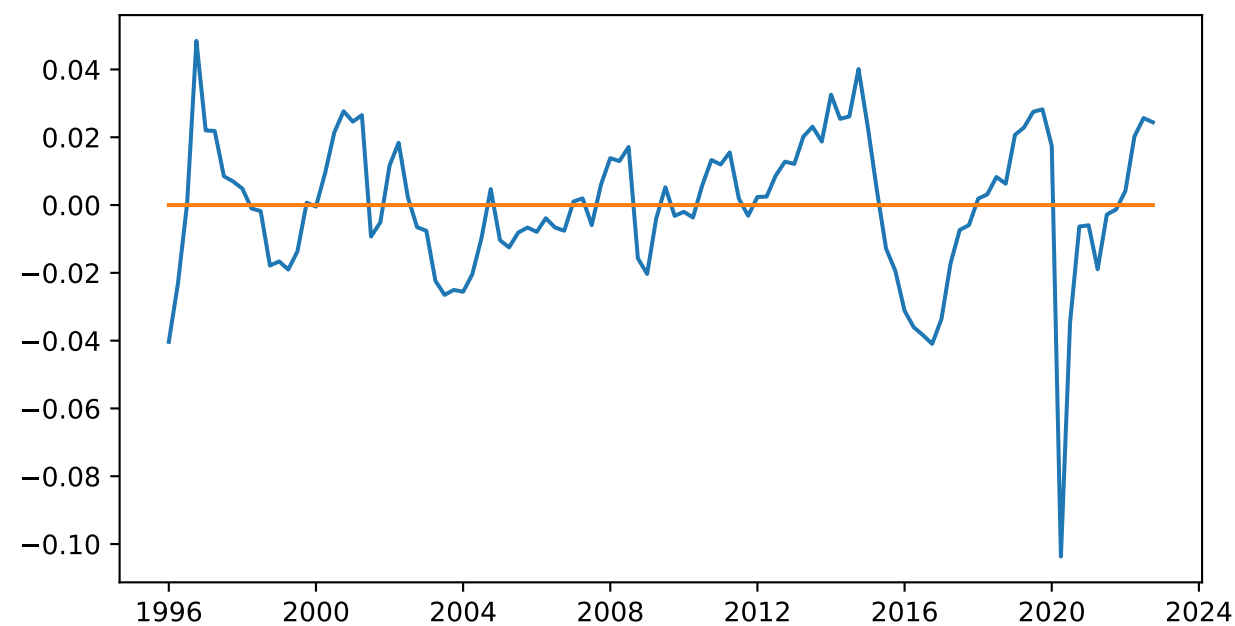
## Hamilton Filter



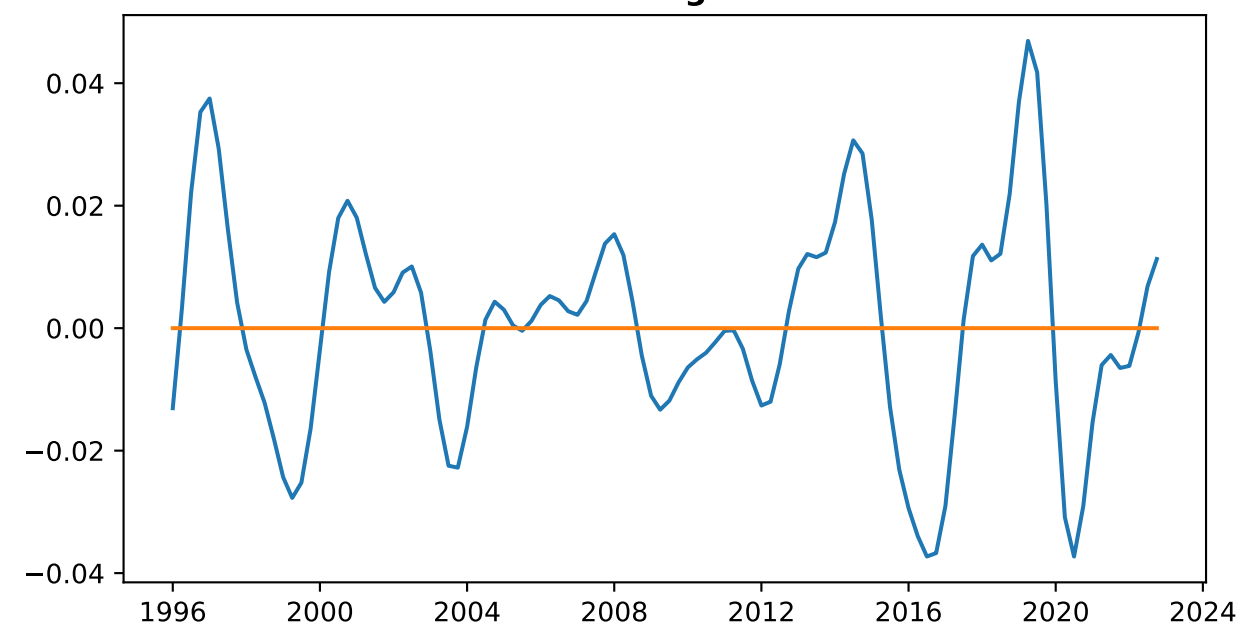
## log.Variable



## Boosted HP Filter

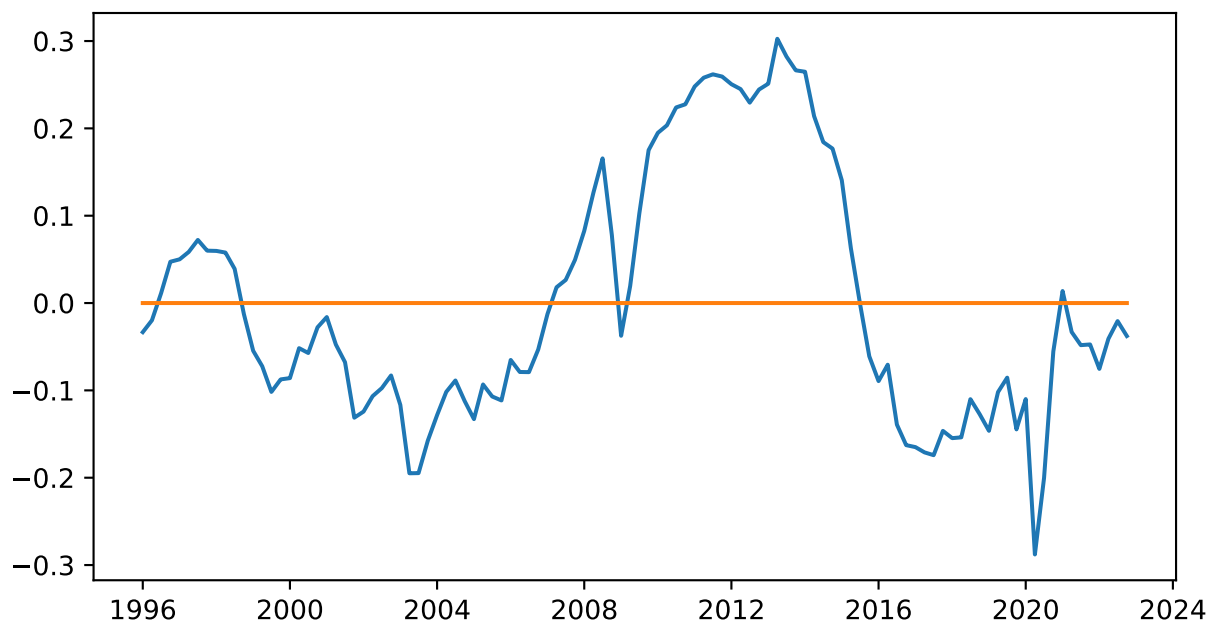


## Christiano Fitzgerald Filter

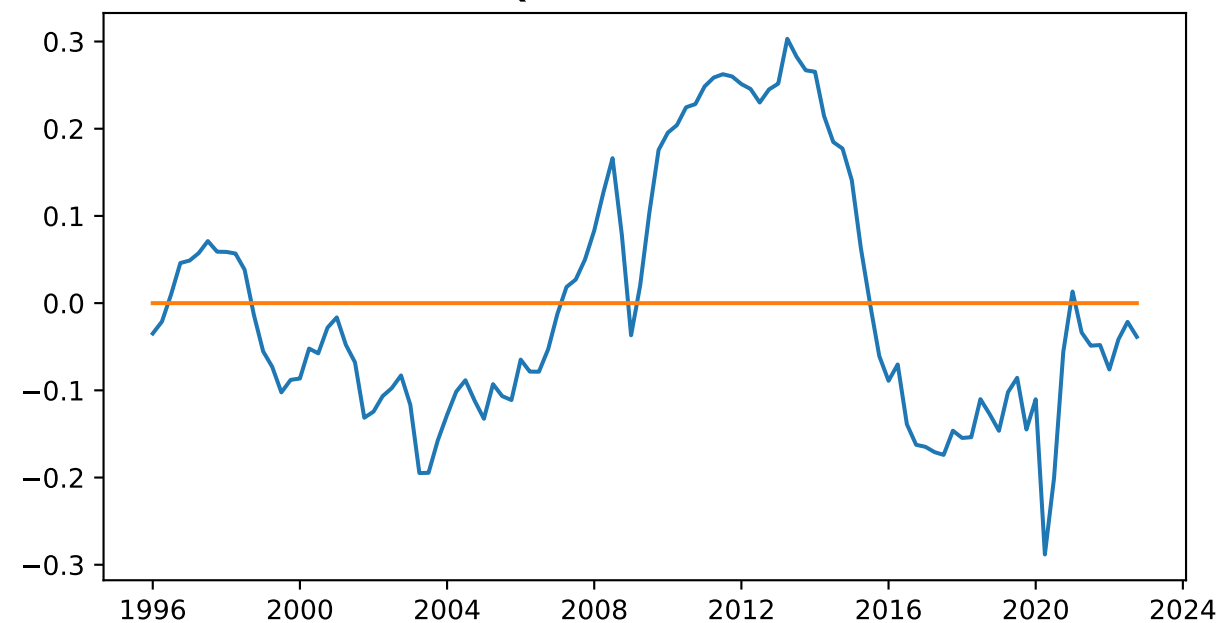


# Comparing Investment SCN-2010 SA

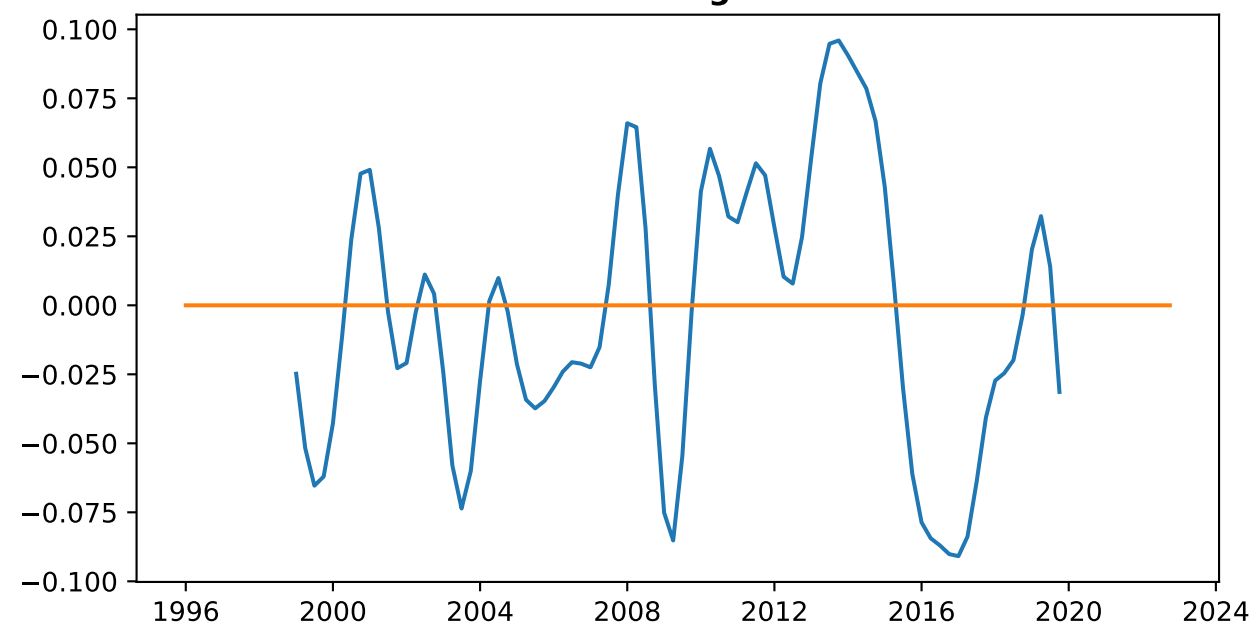
## Linear Filter



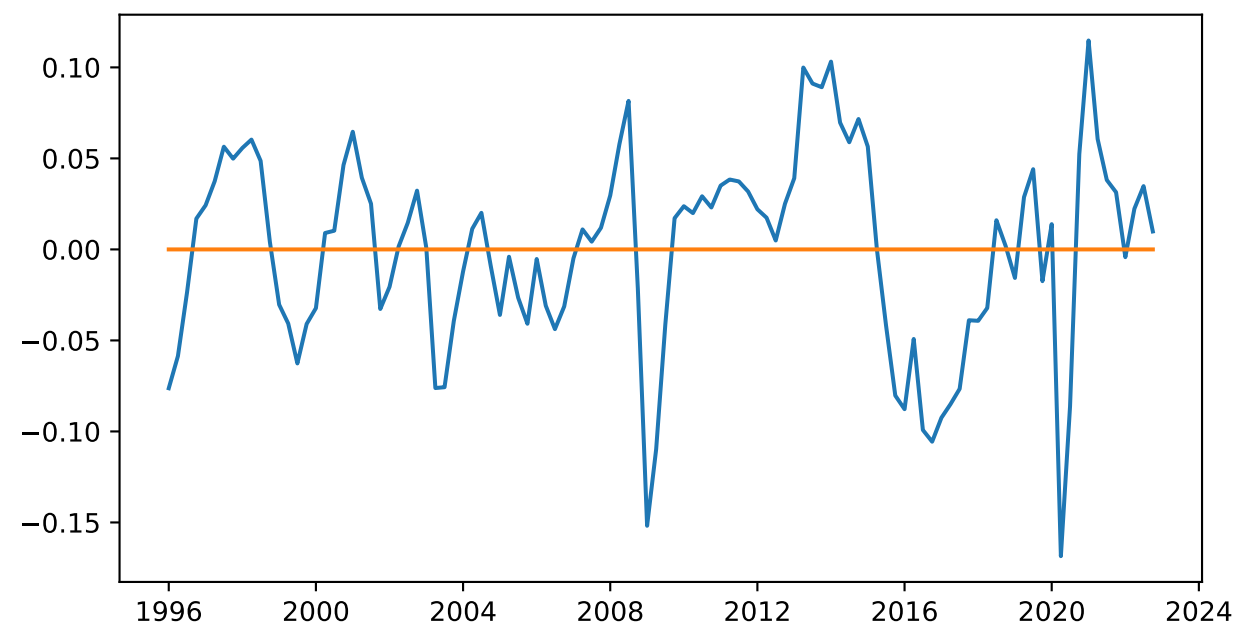
## Quadratic Filter



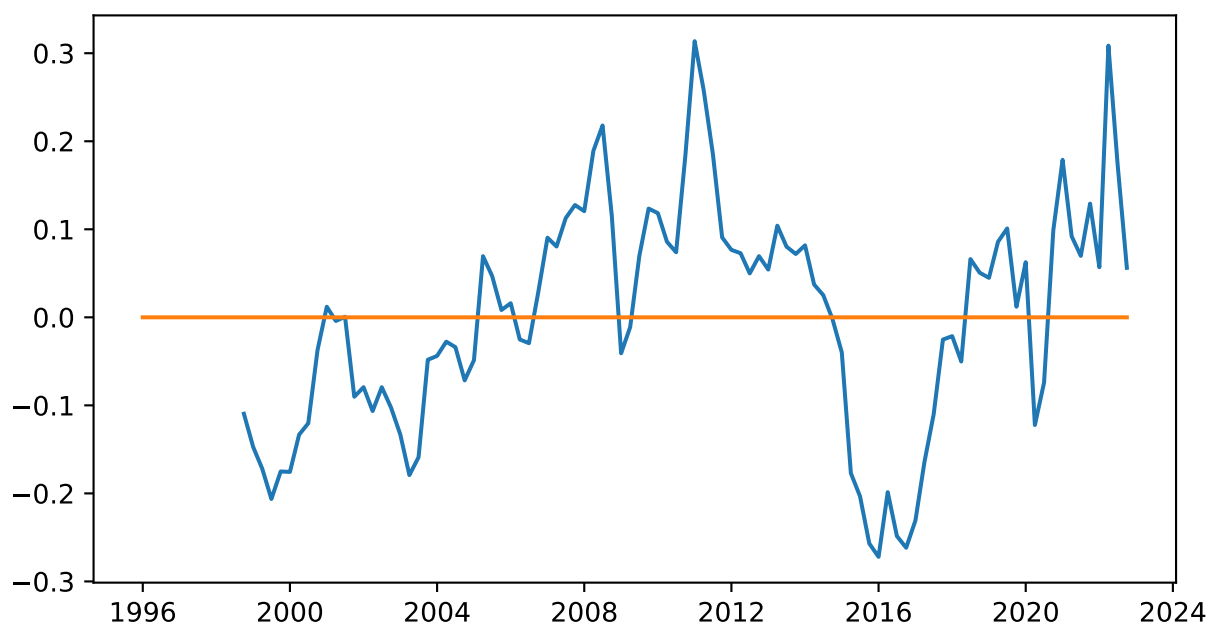
## Baxter-King Filter



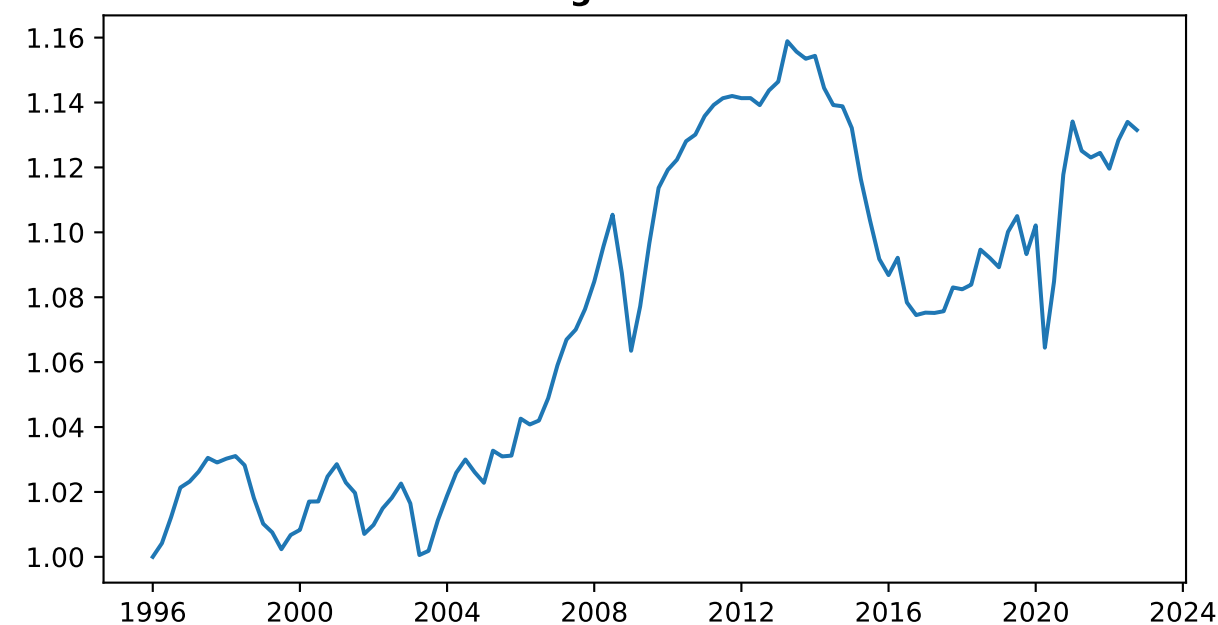
## Hodrick-Prescott Filter



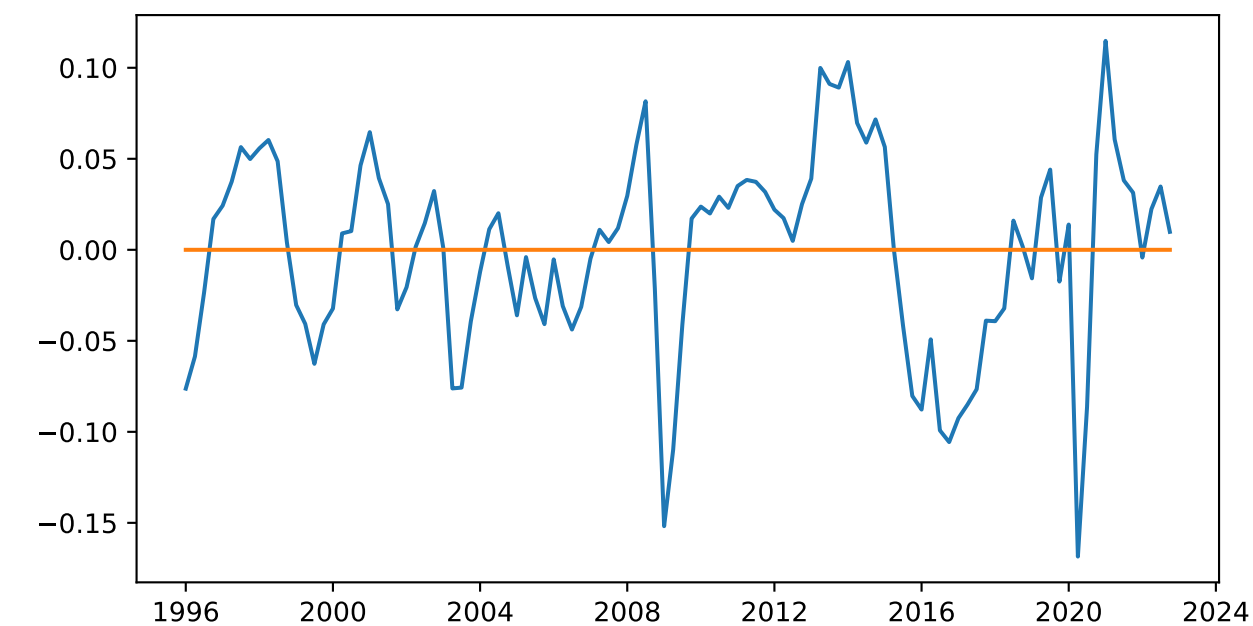
## Hamilton Filter



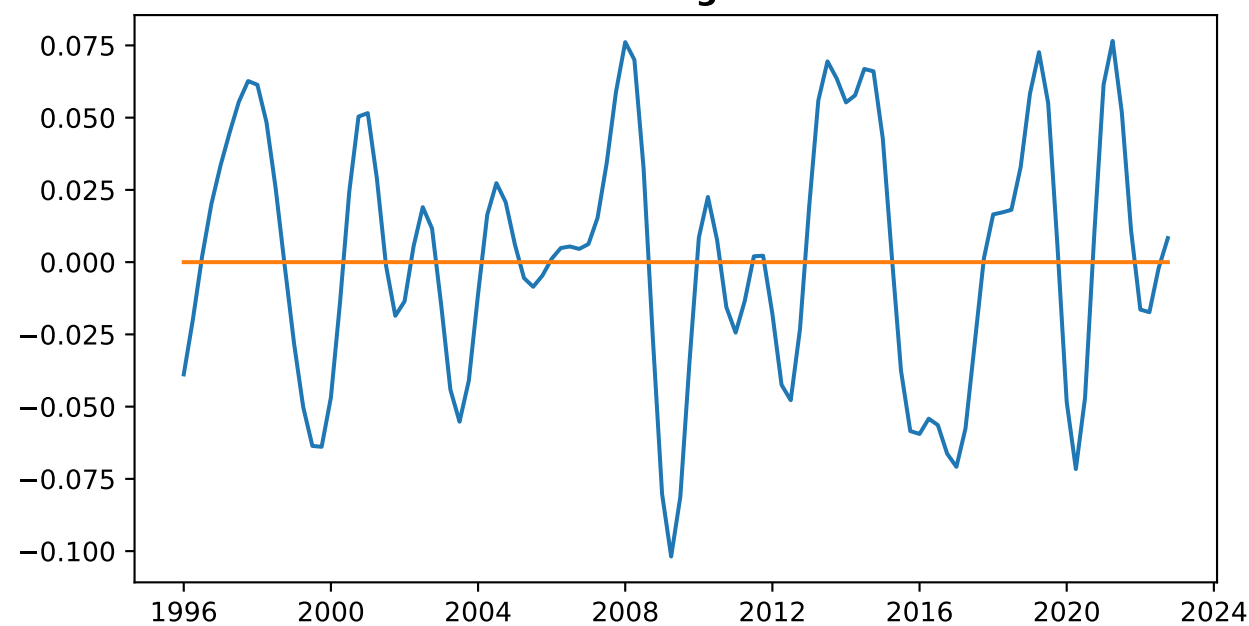
## log.Variable



## Boosted HP Filter

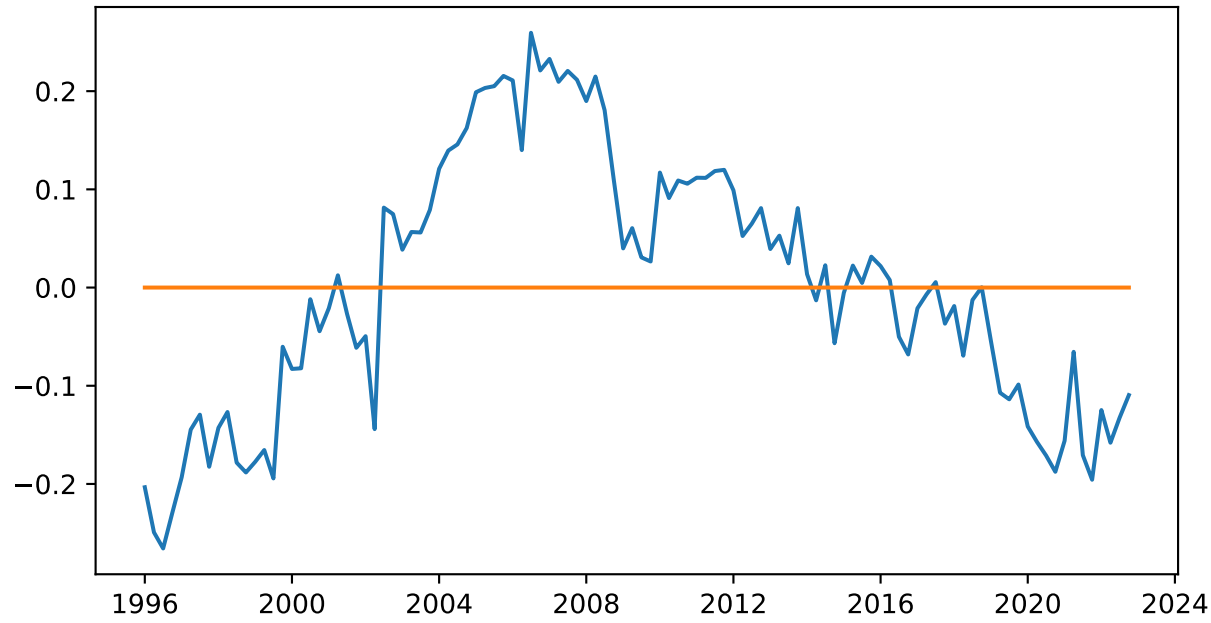


## Christiano Fitzgerald Filter

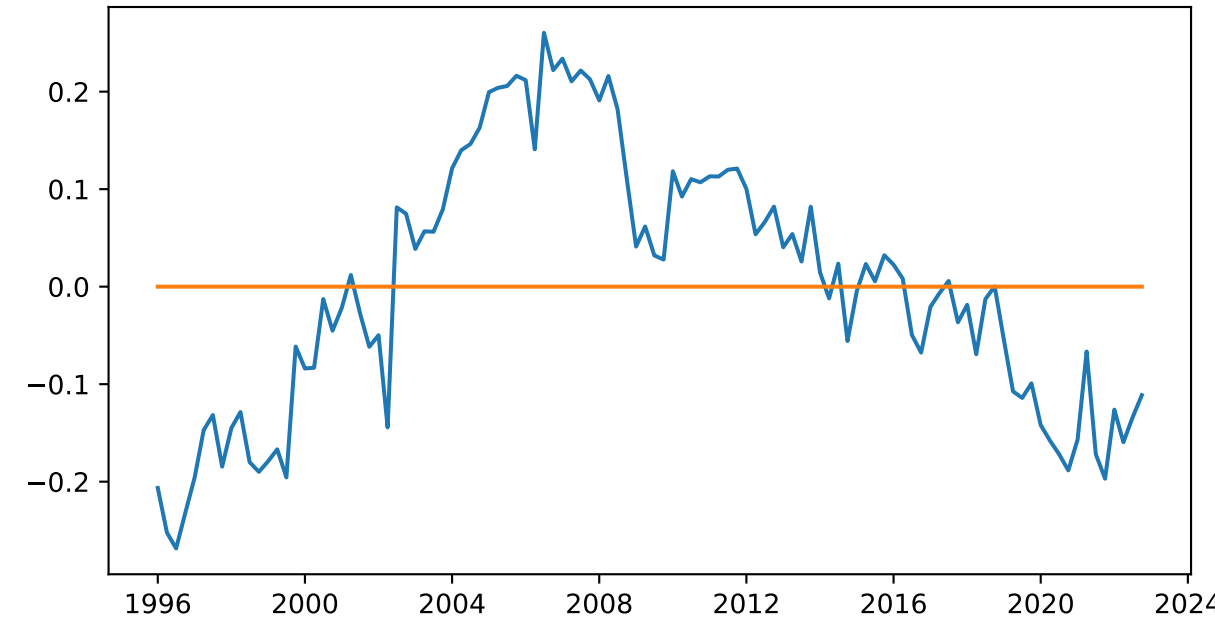


# Comparing Exports SCN-2010 SA

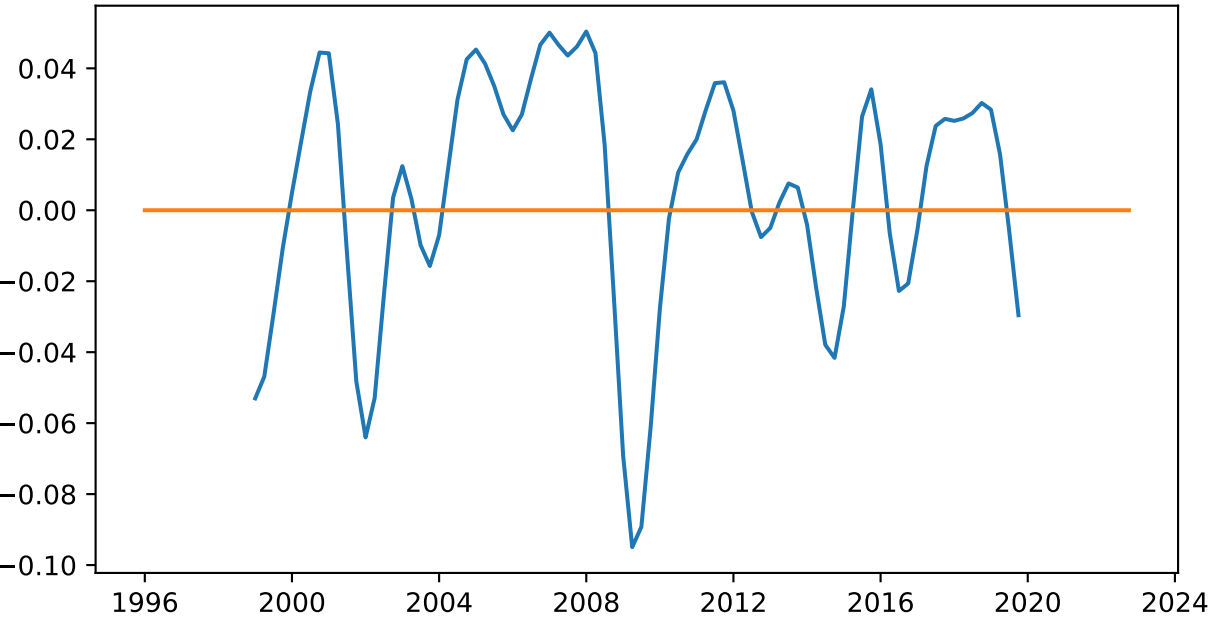
**Linear Filter**



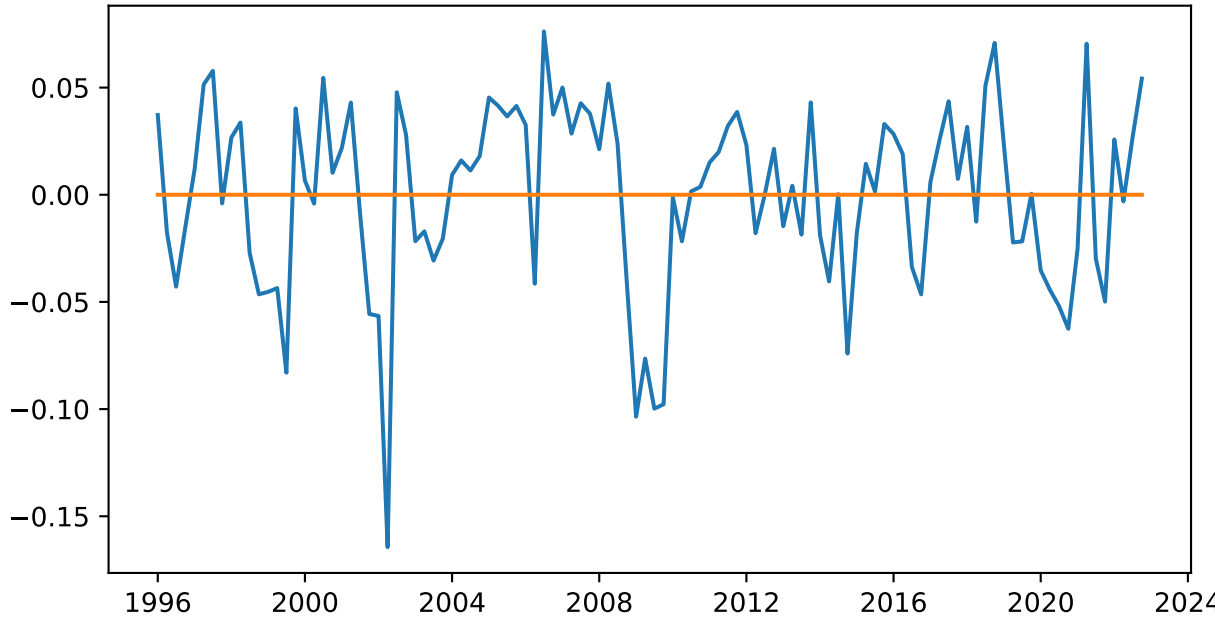
**Quadratic Filter**



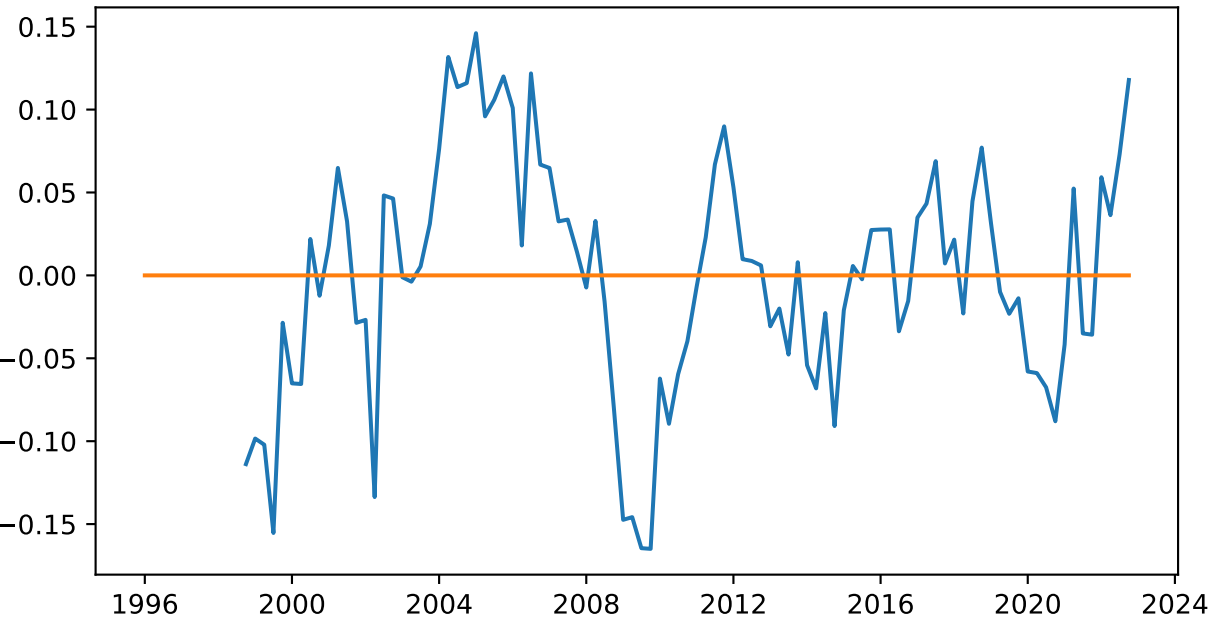
**Baxter-King Filter**



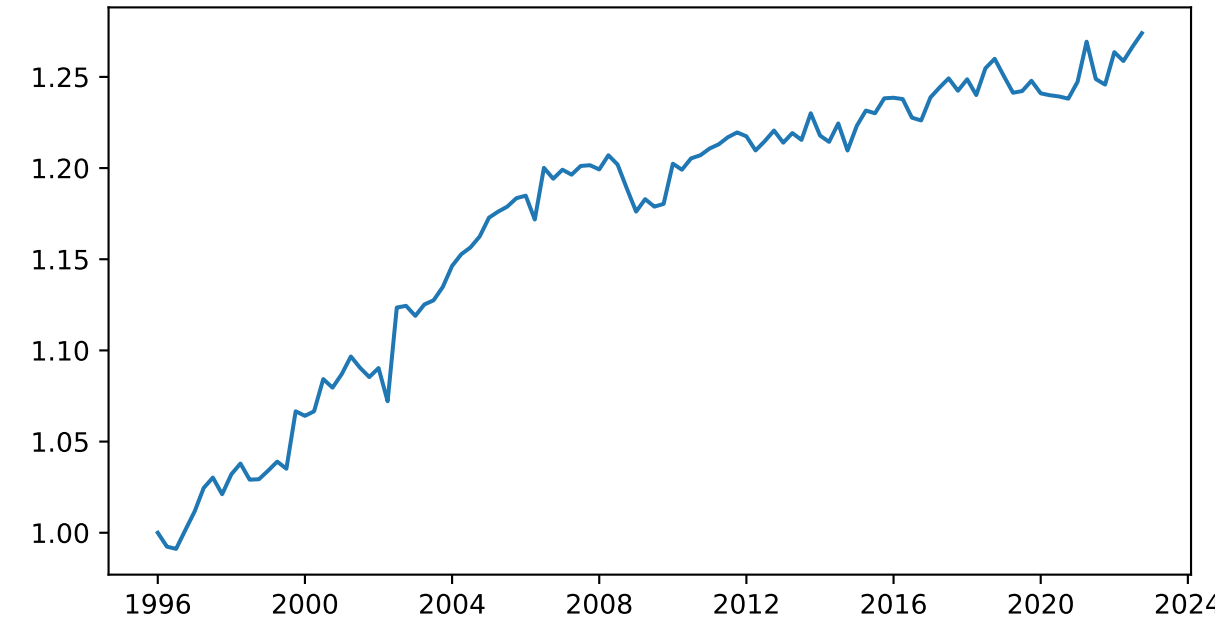
**Hodrick-Prescott Filter**



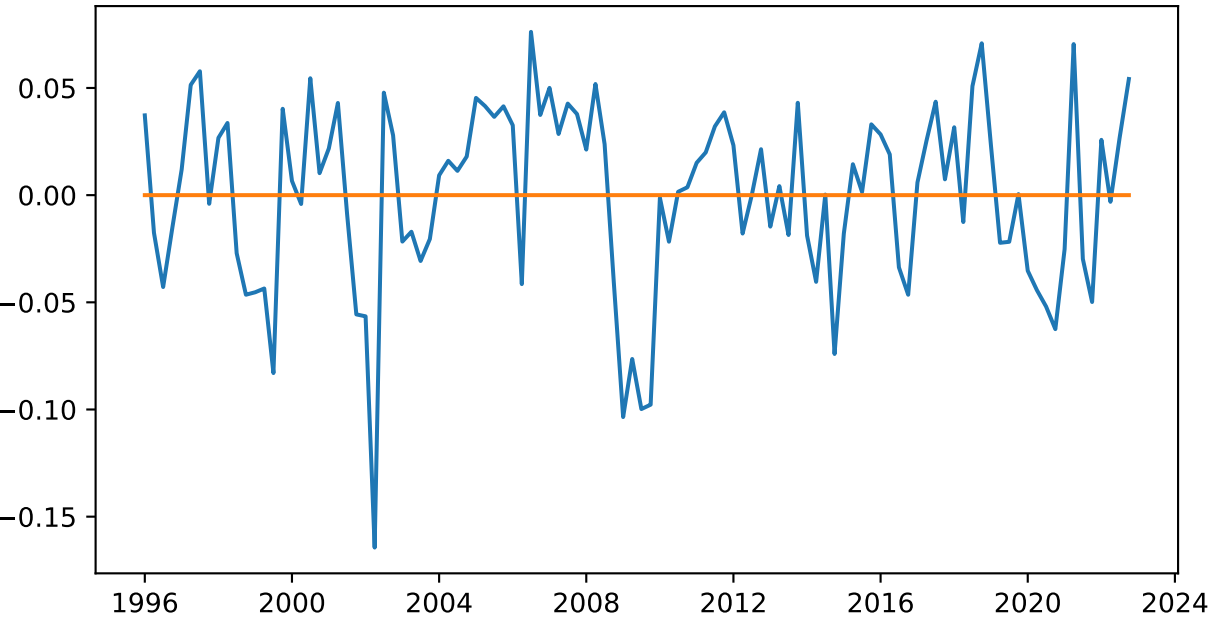
**Hamilton Filter**



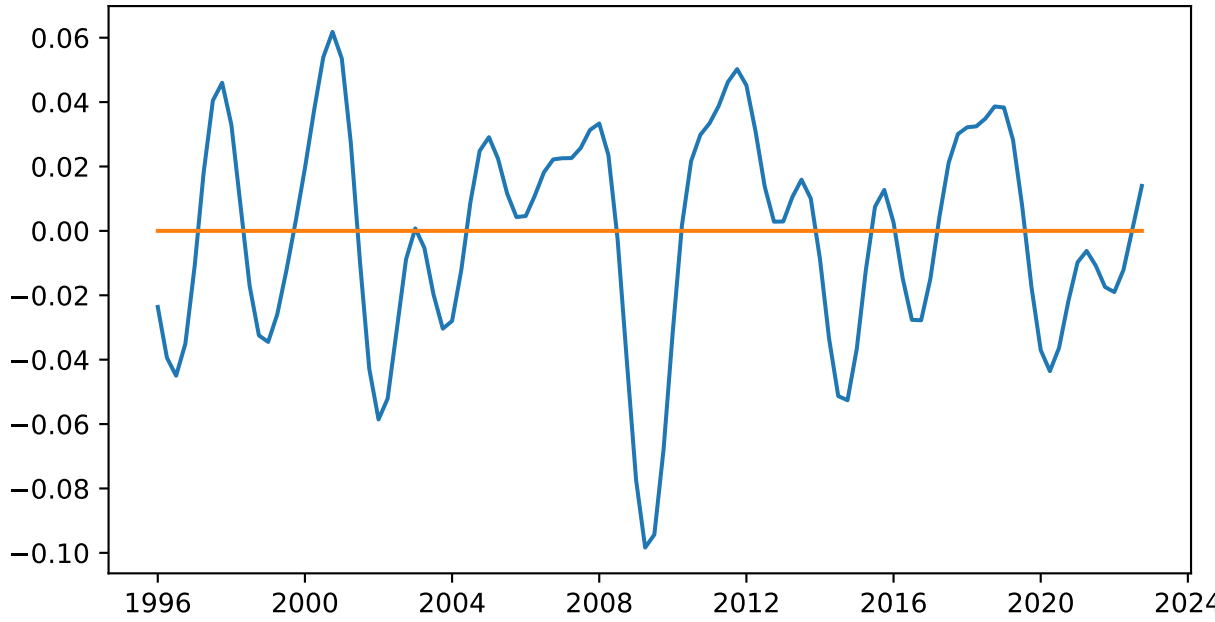
**log.Variable**



**Boosted HP Filter**

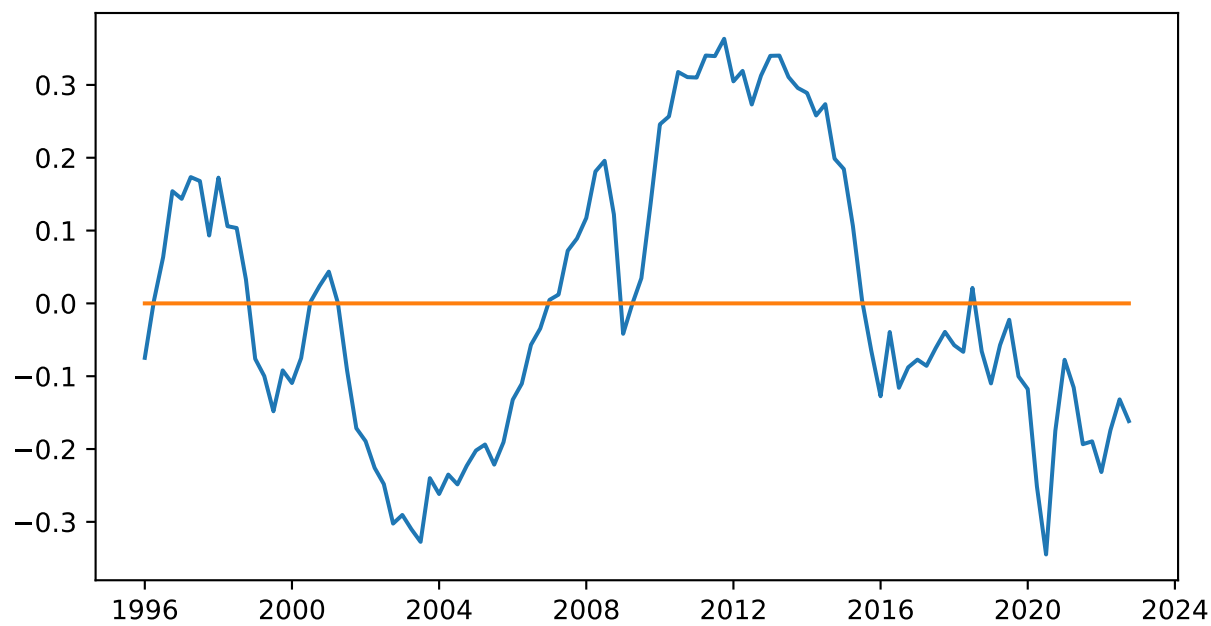


**Christiano Fitzgerald Filter**

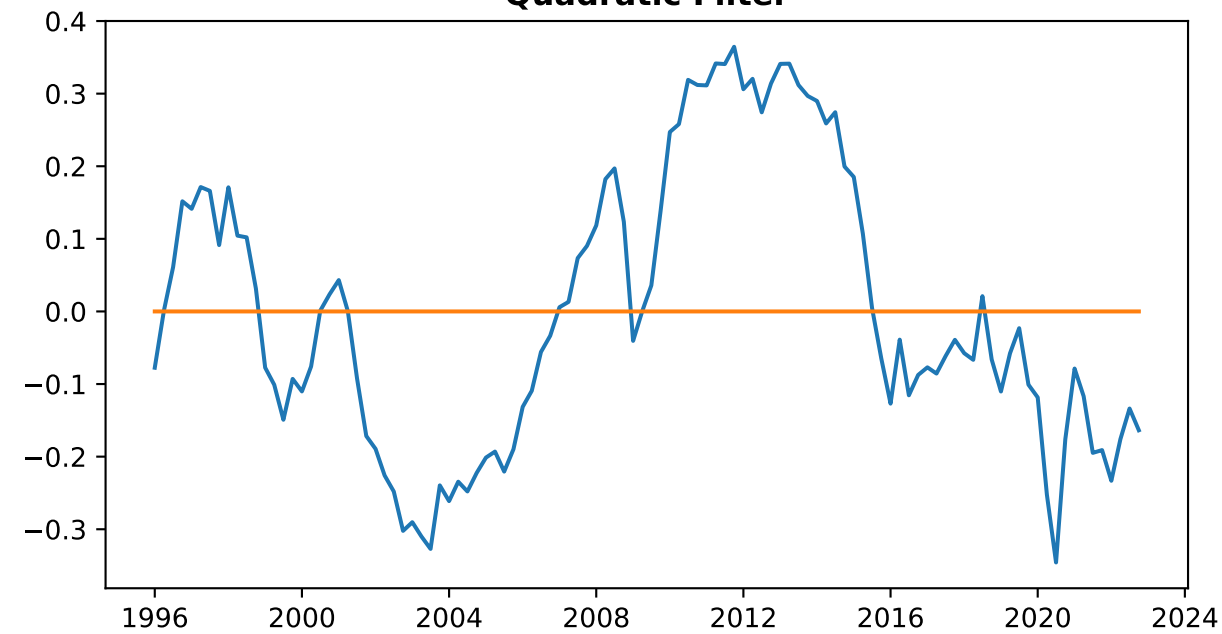


# Comparing Imports SCN-2010 SA

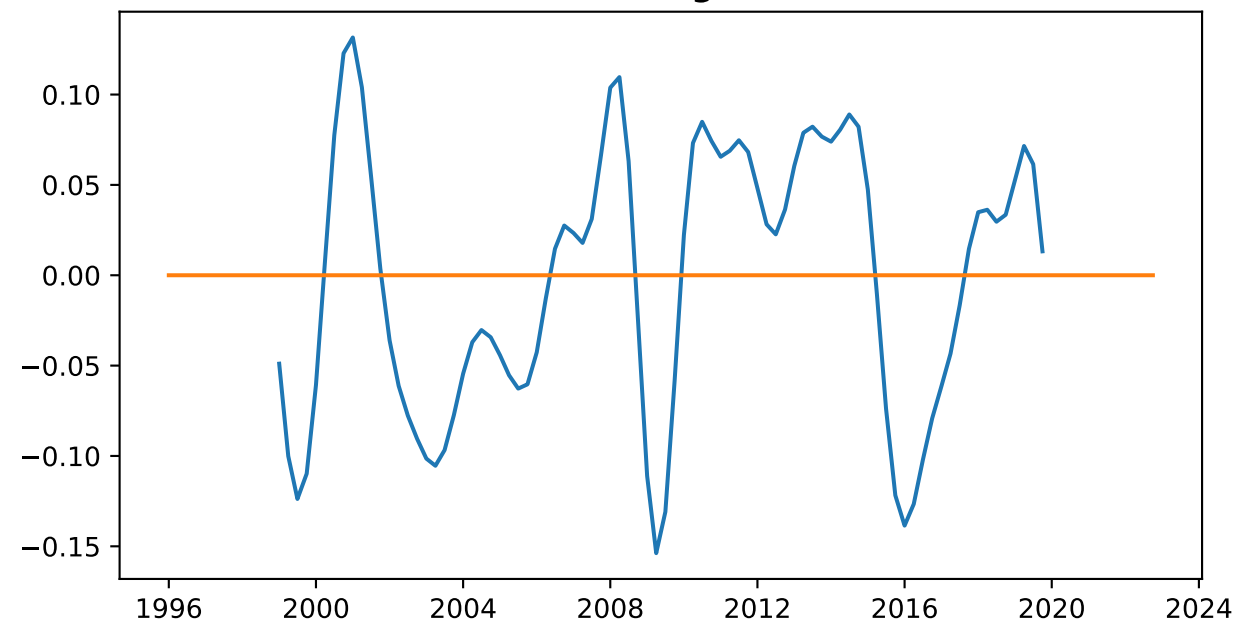
## Linear Filter



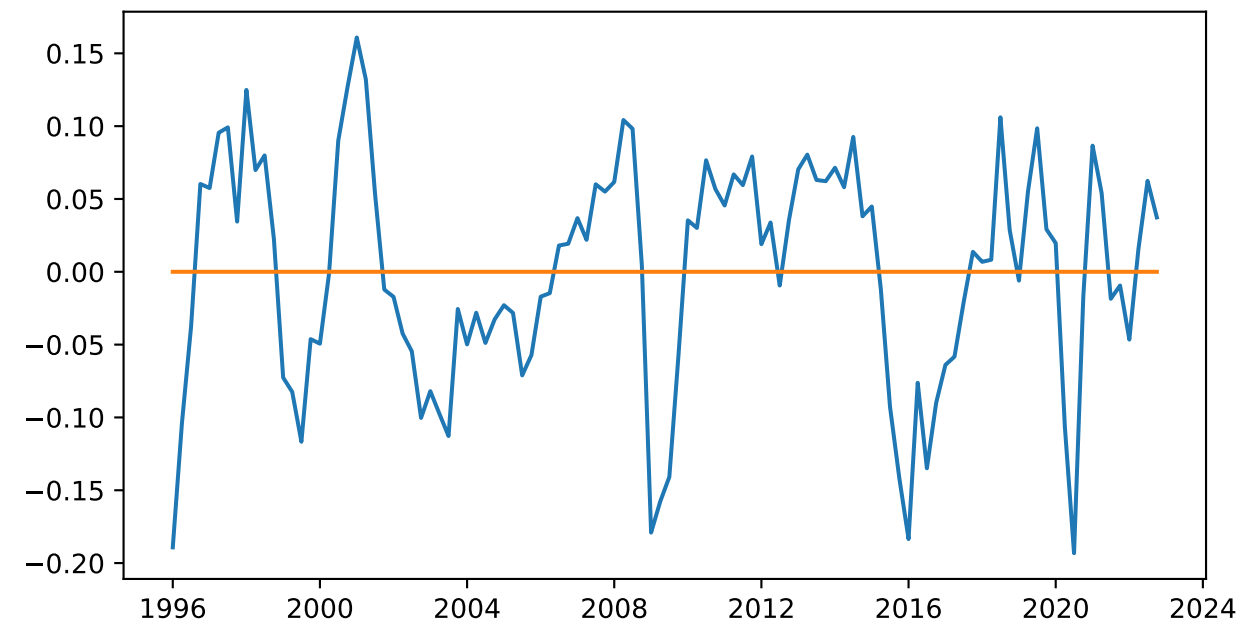
## Quadratic Filter



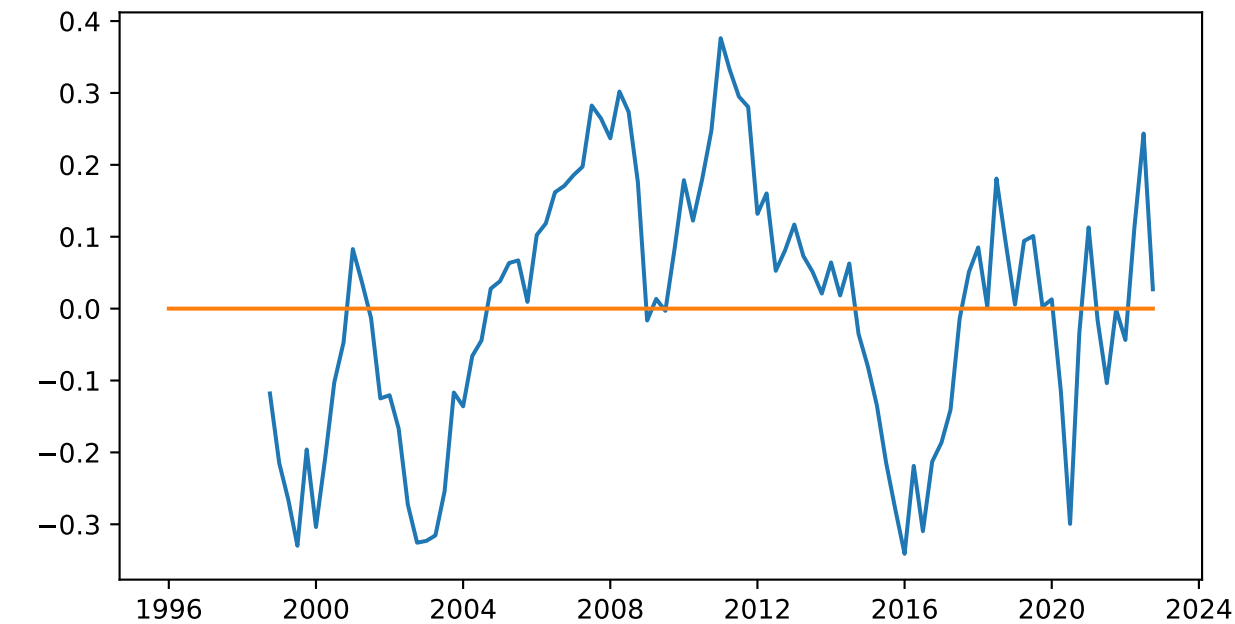
## Baxter-King Filter



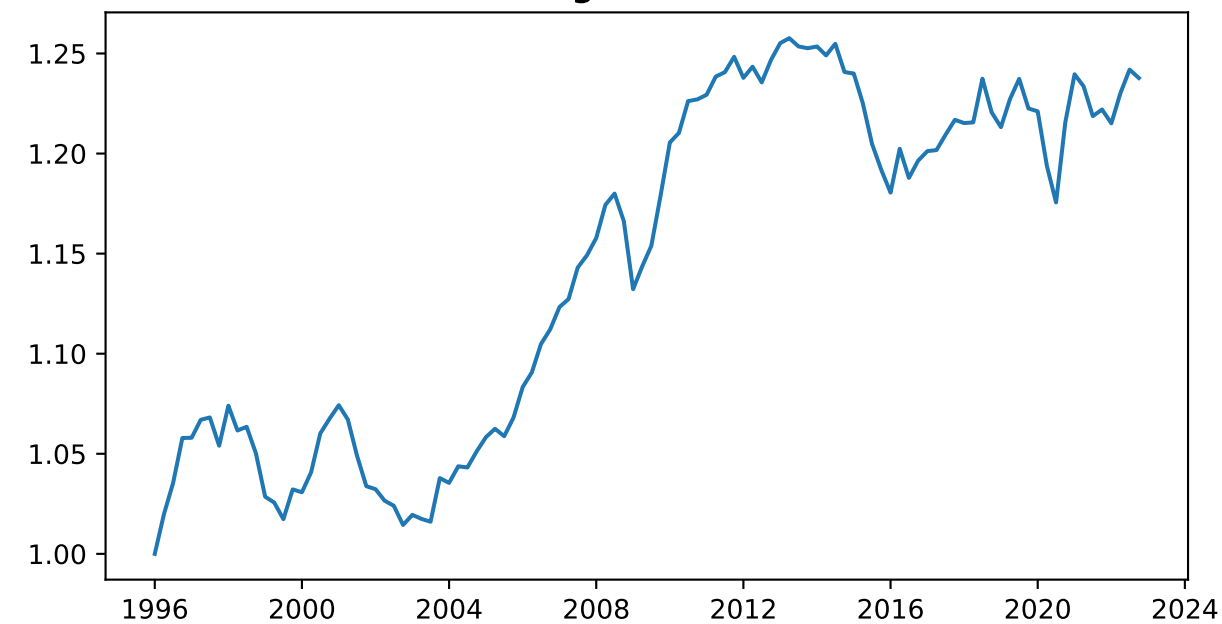
## Hodrick-Prescott Filter



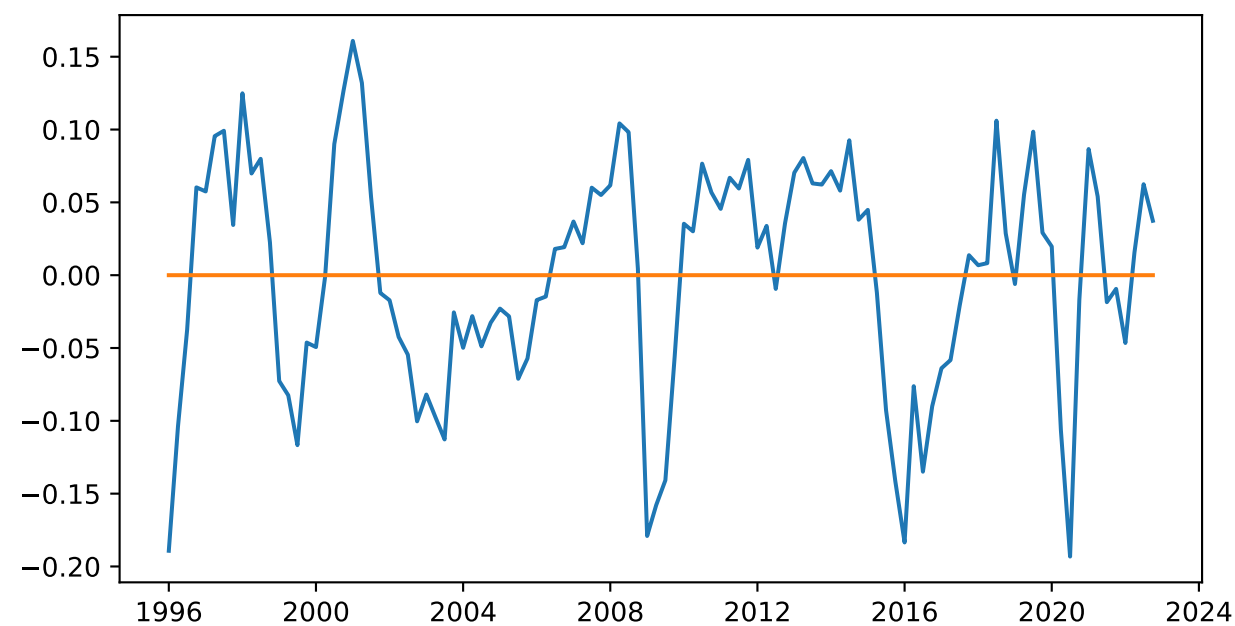
## Hamilton Filter



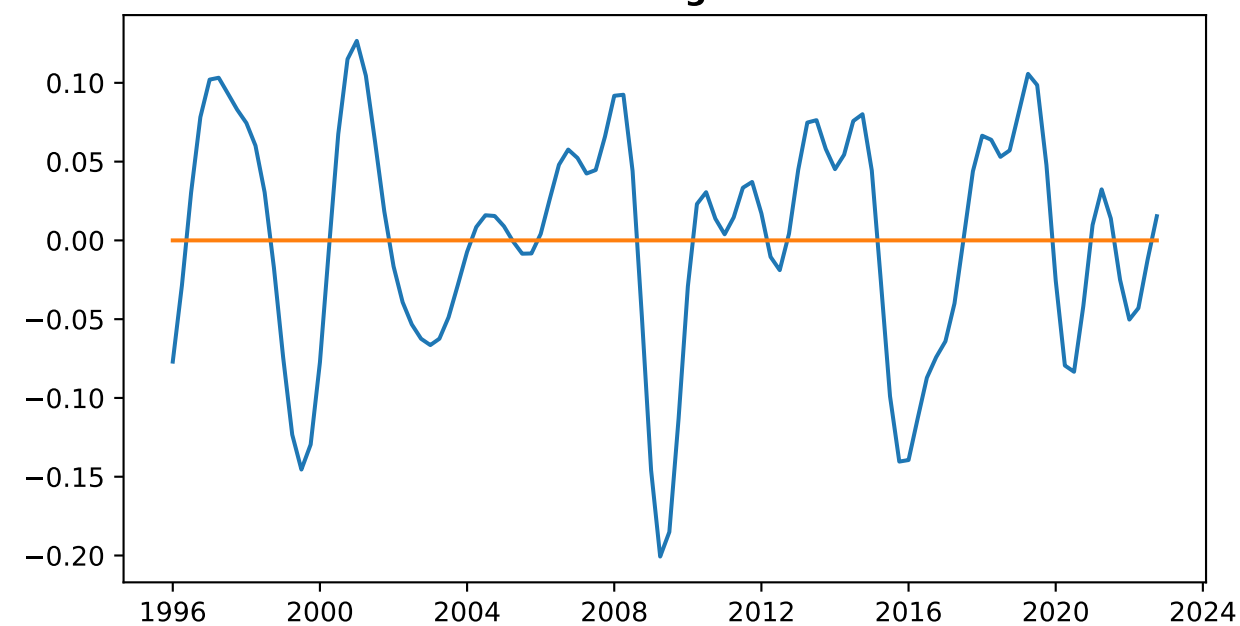
## log.Variable



## Boosted HP Filter

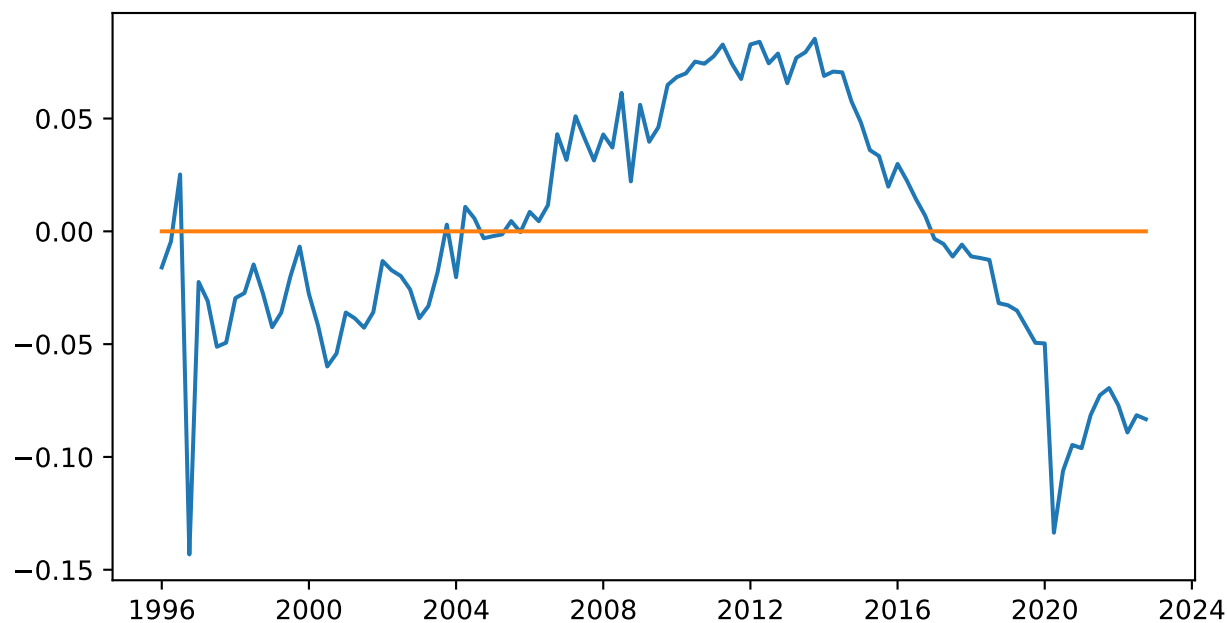


## Christiano Fitzgerald Filter

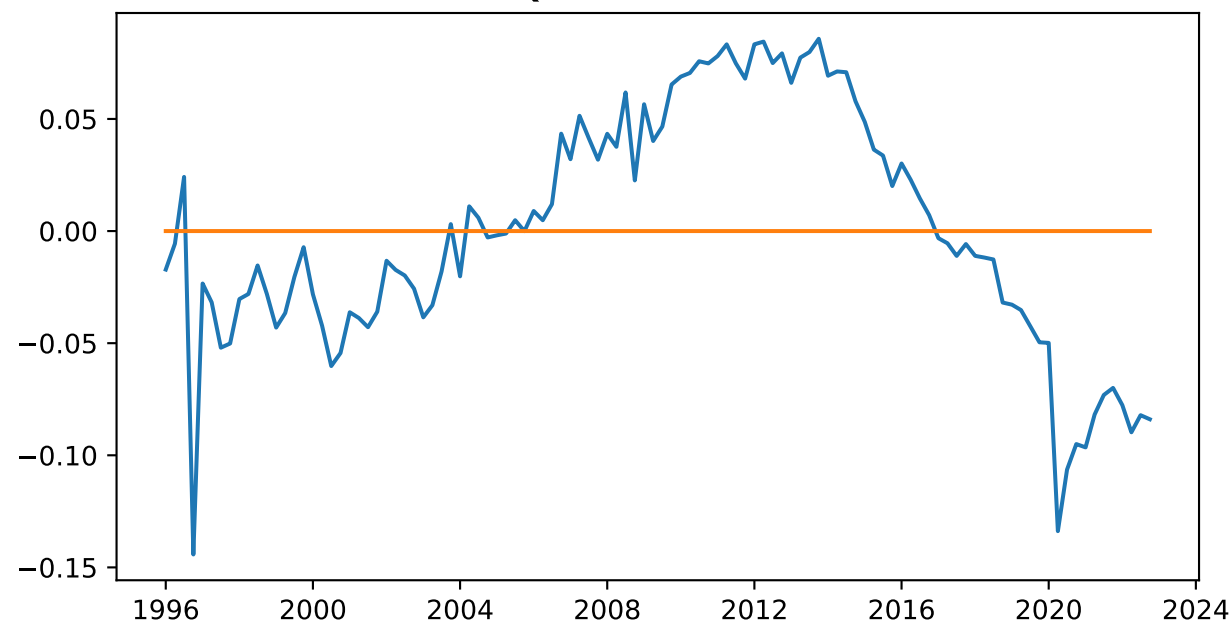


# Comparing Government consumption SNC-2010 SA

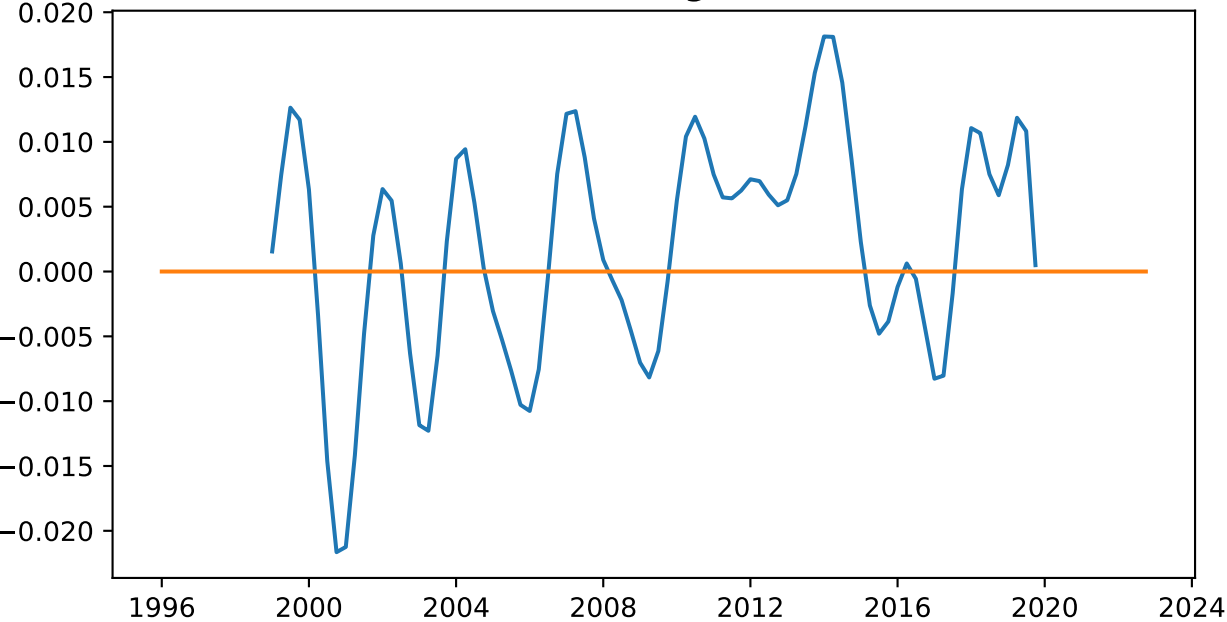
## Linear Filter



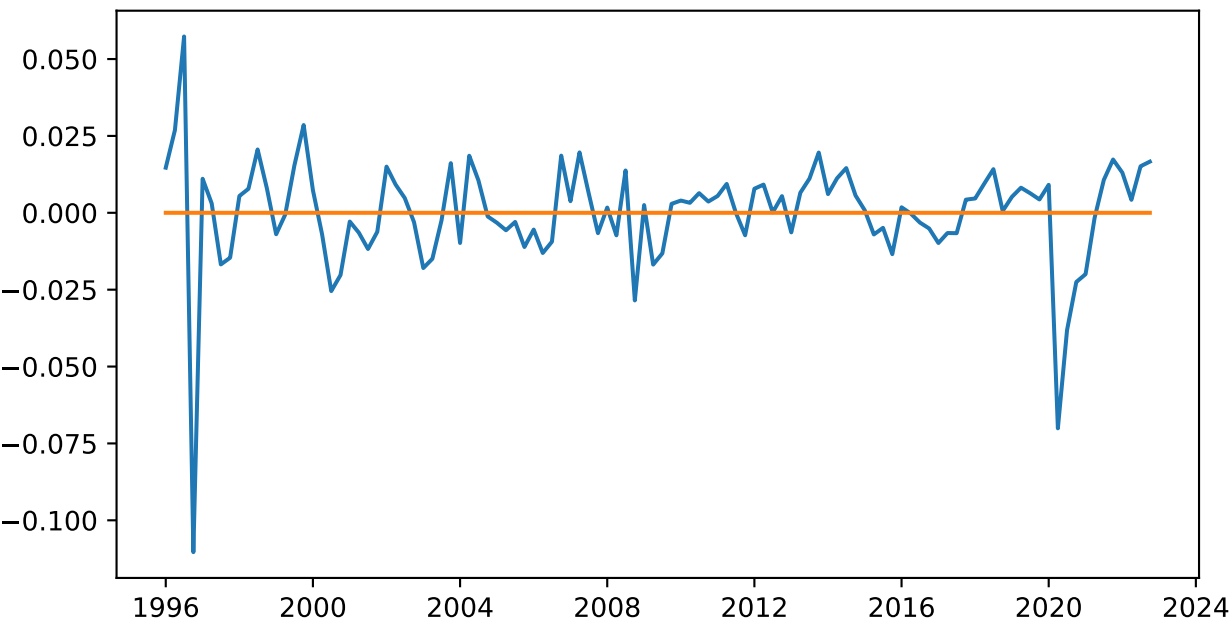
## Quadratic Filter



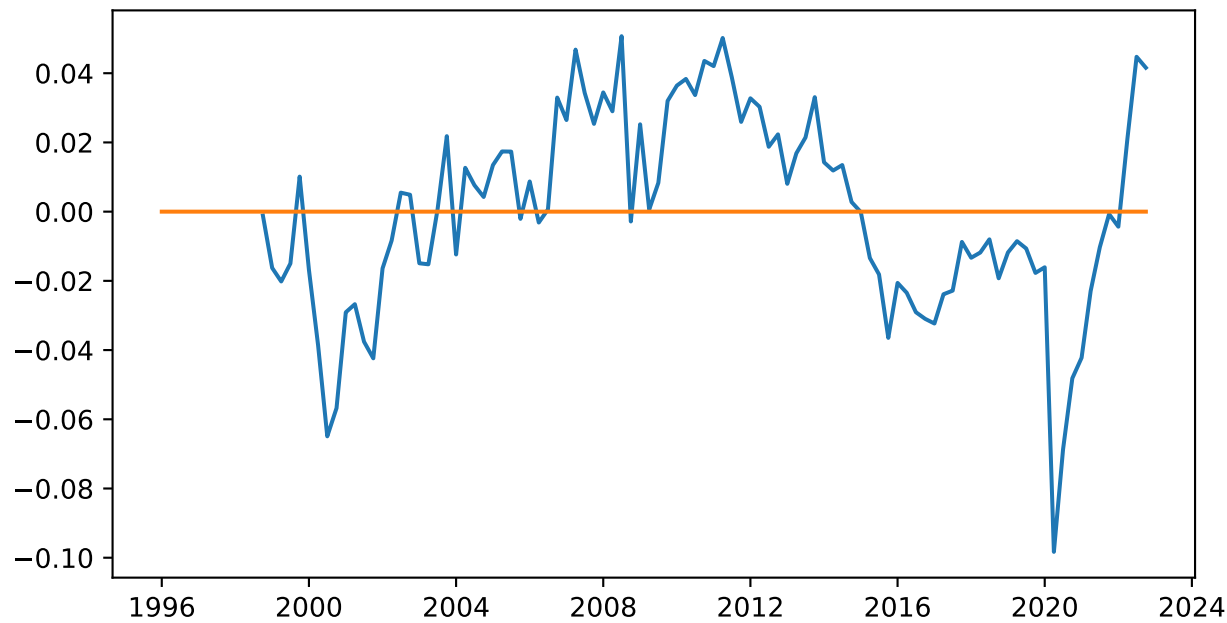
## Baxter-King Filter



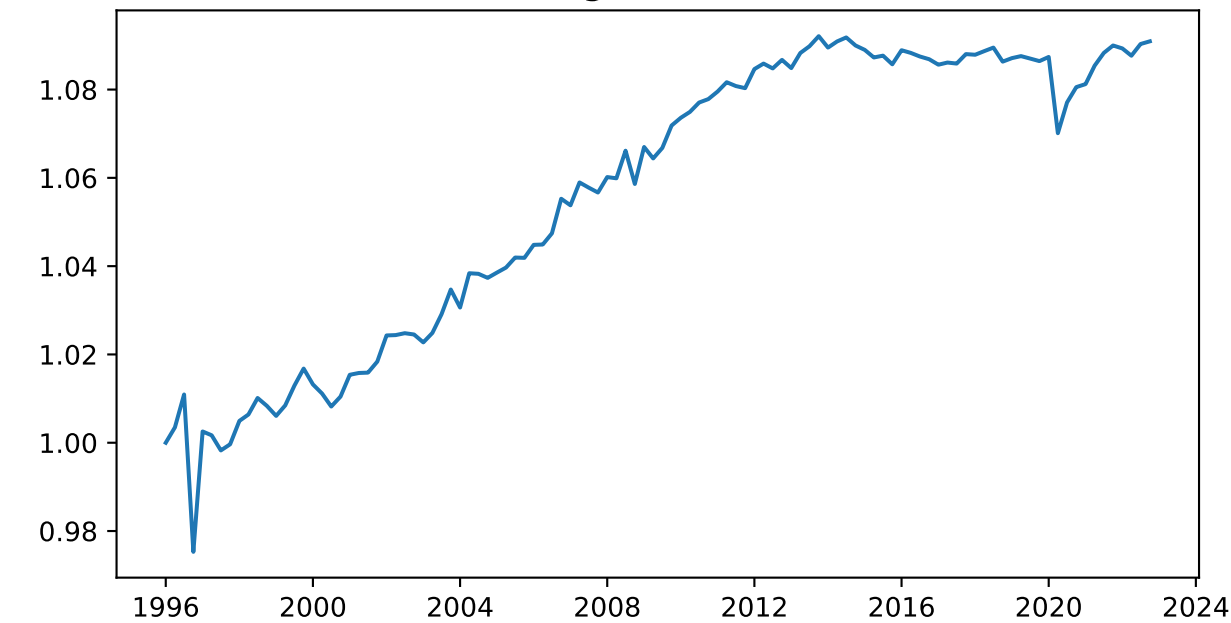
## Hodrick-Prescott Filter



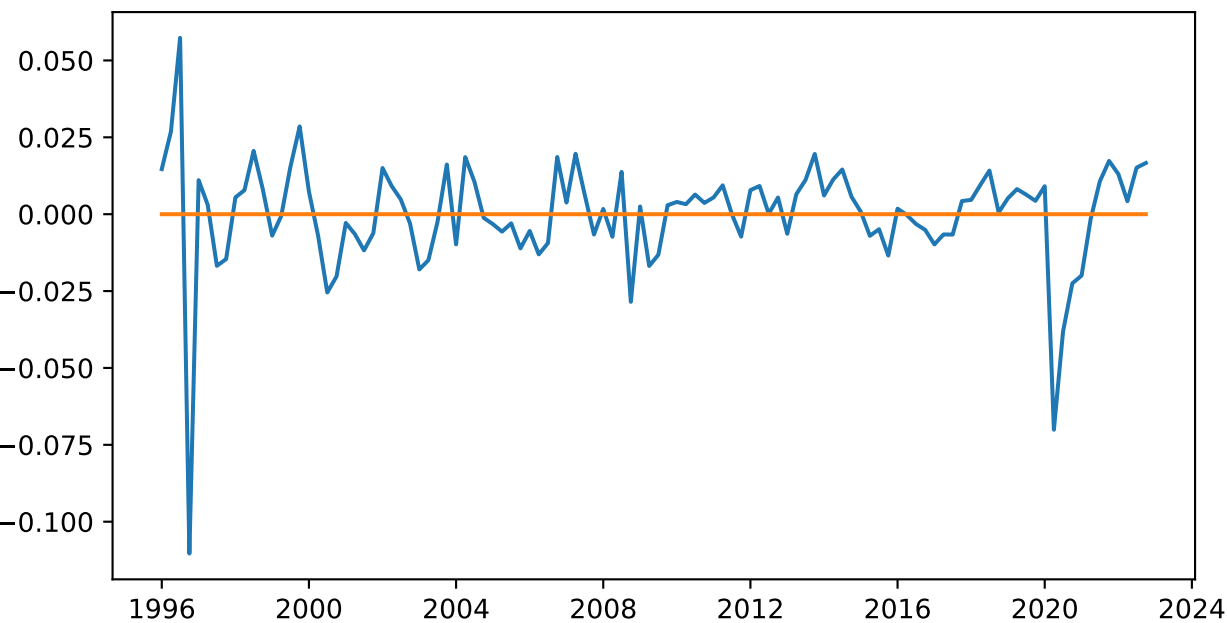
## Hamilton Filter



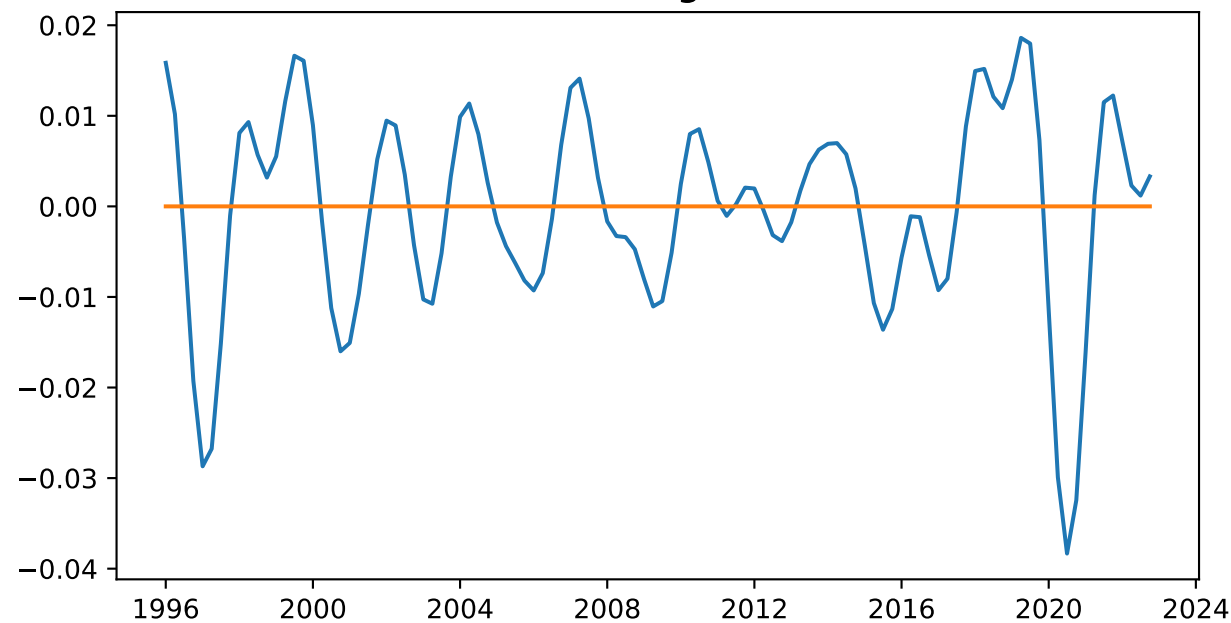
## log.Variable



## Boosted HP Filter

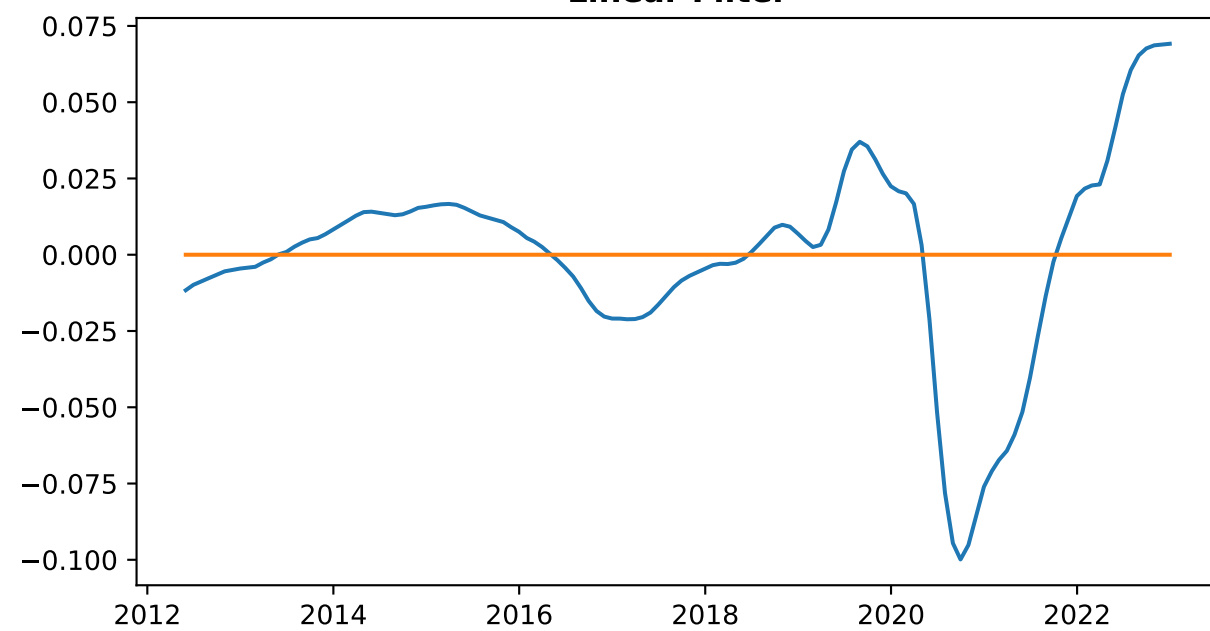


## Christiano Fitzgerald Filter

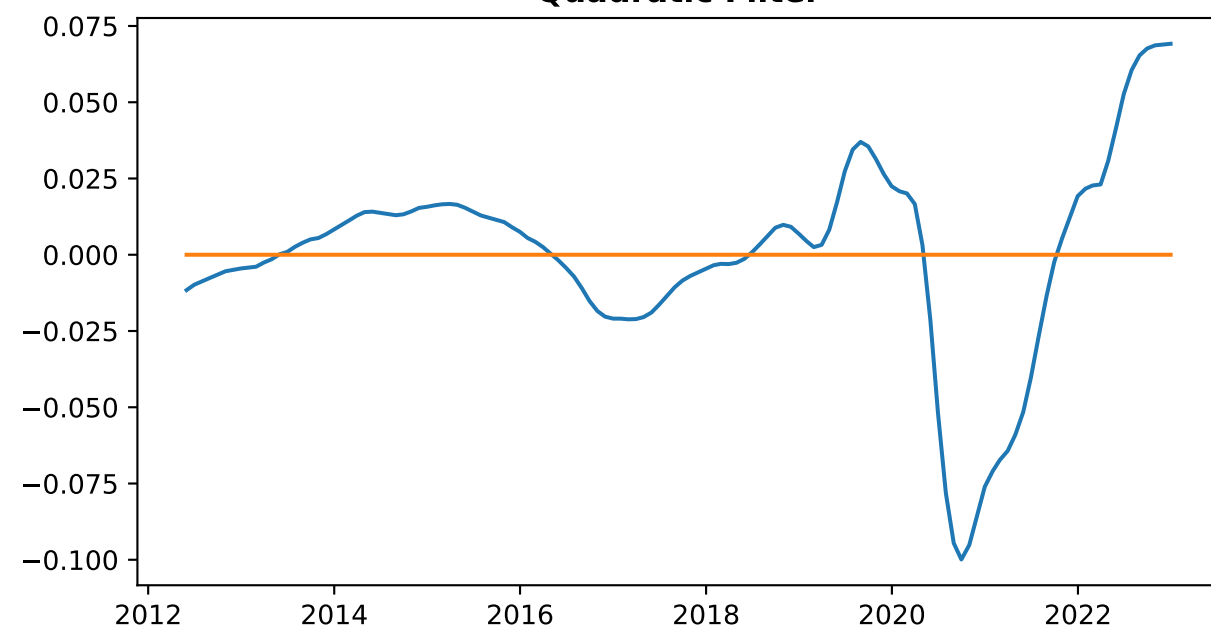


# Comparing Brazil PNAD Employed Persons

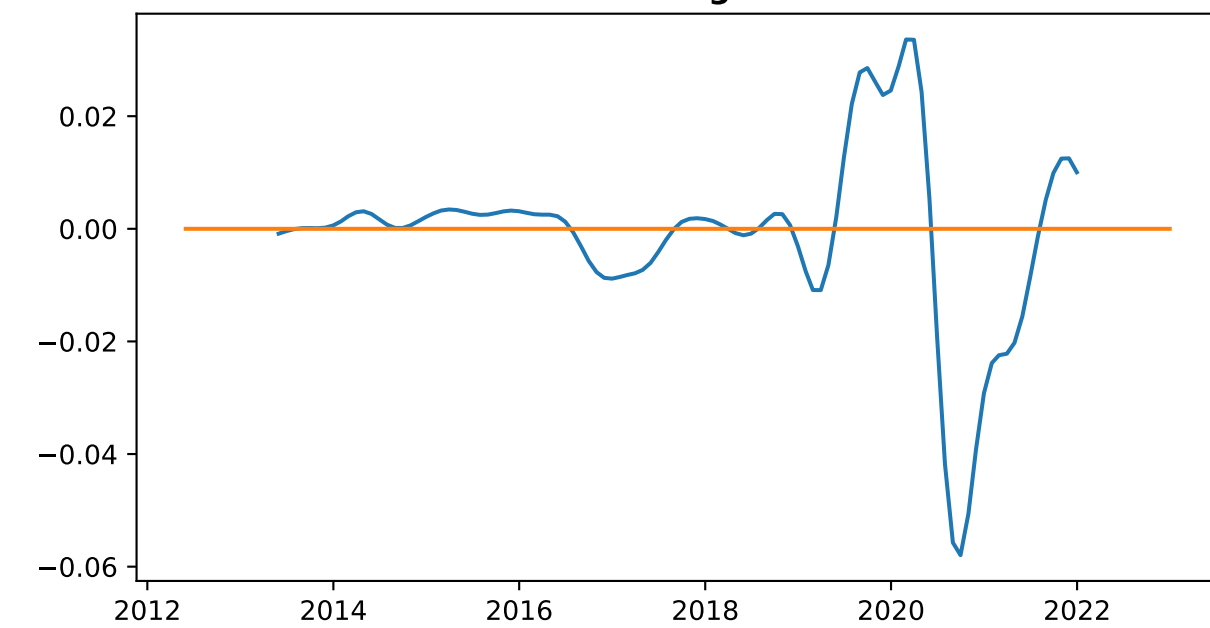
## Linear Filter



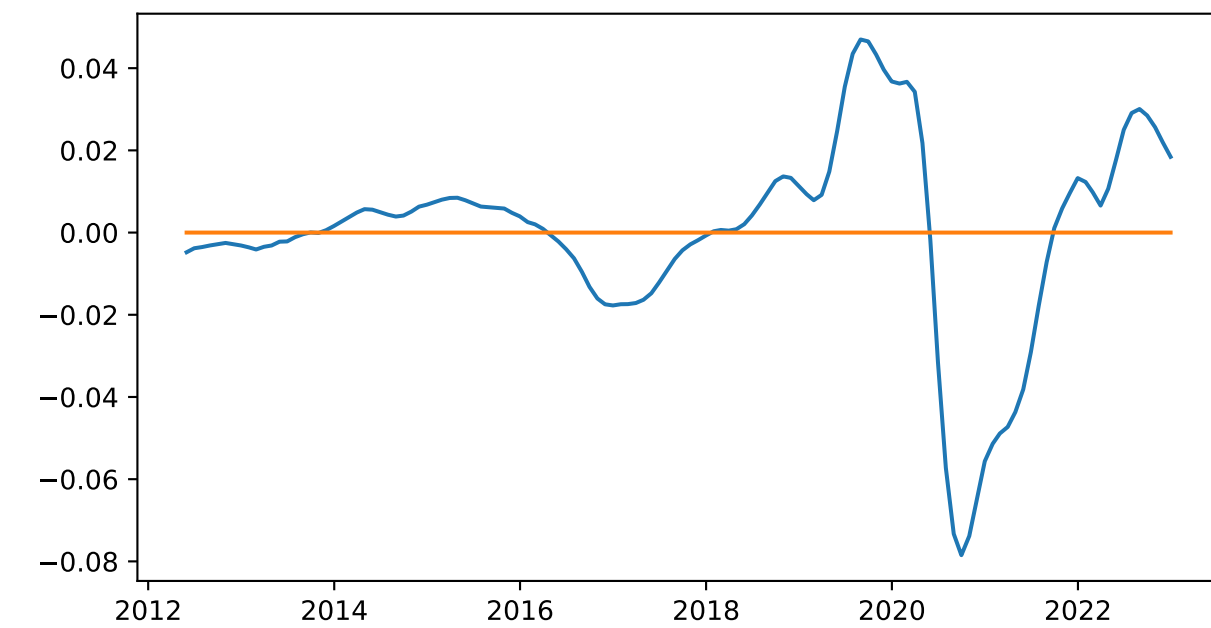
## Quadratic Filter



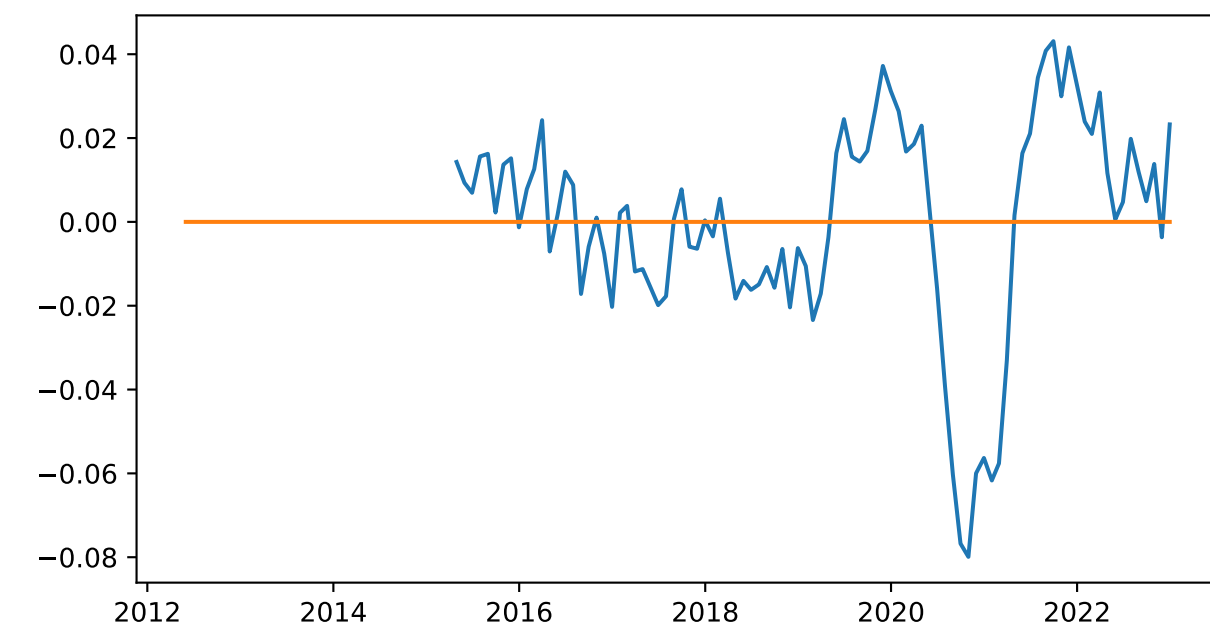
## Baxter-King Filter



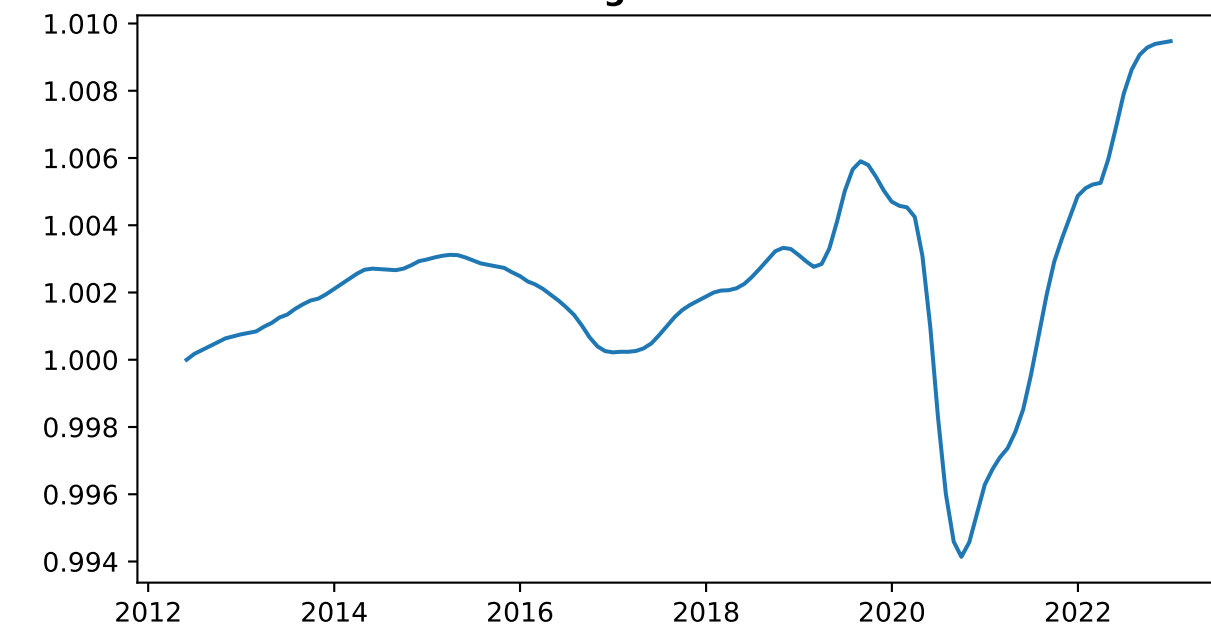
## Hodrick-Prescott Filter



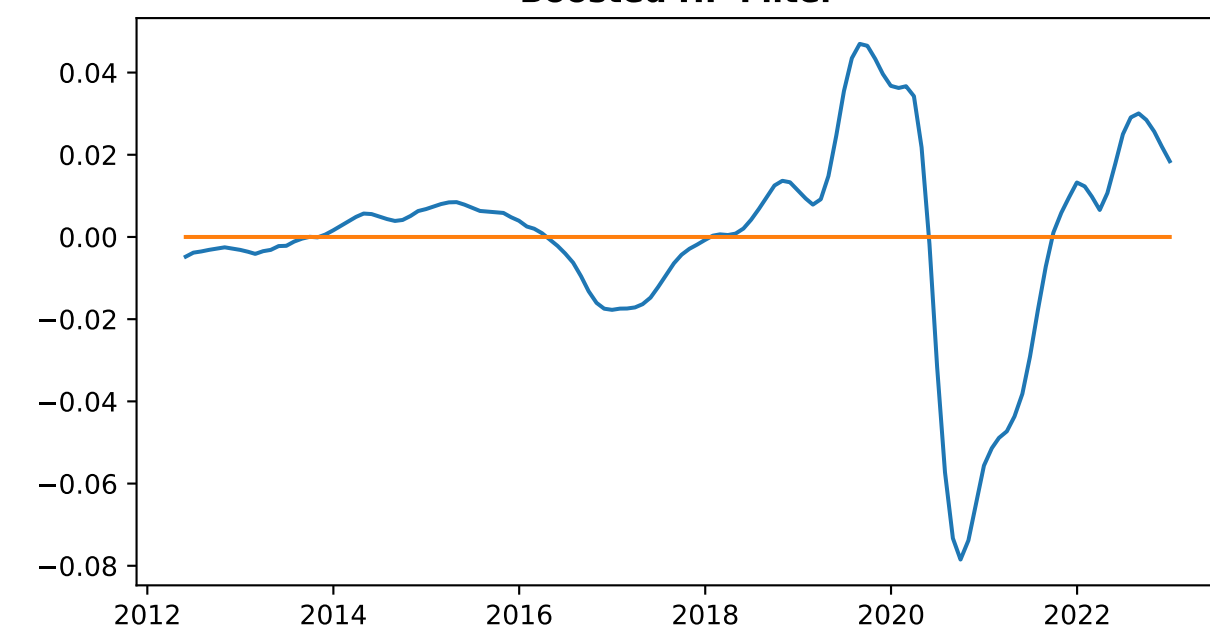
## Hamilton Filter



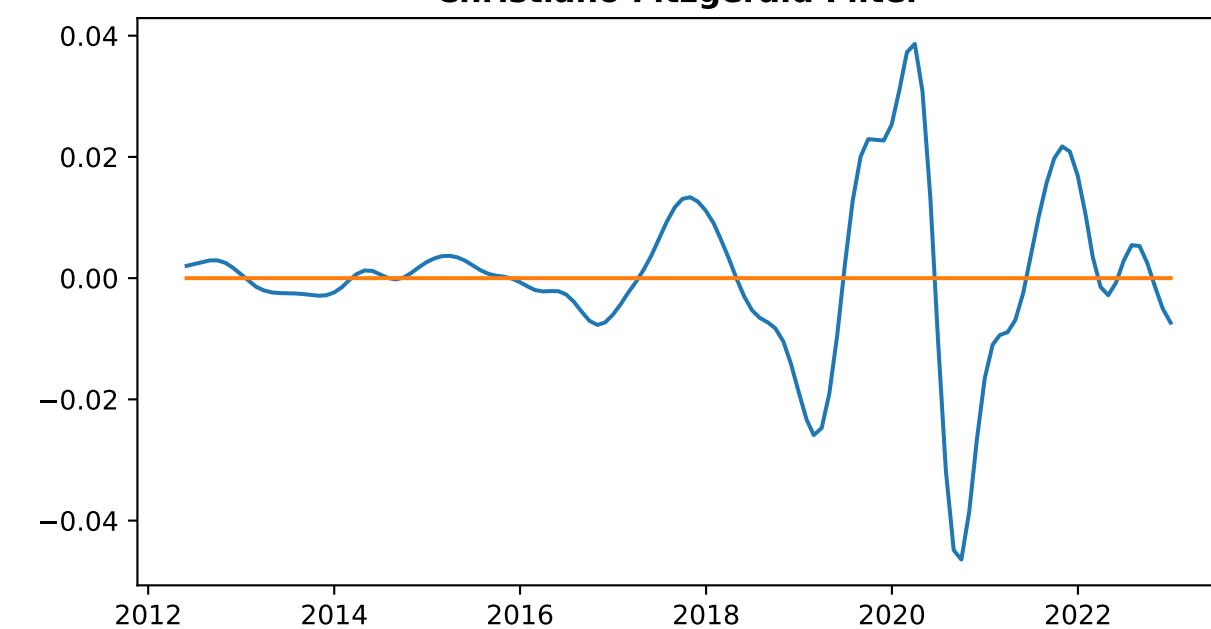
## log.Variable



## Boosted HP Filter



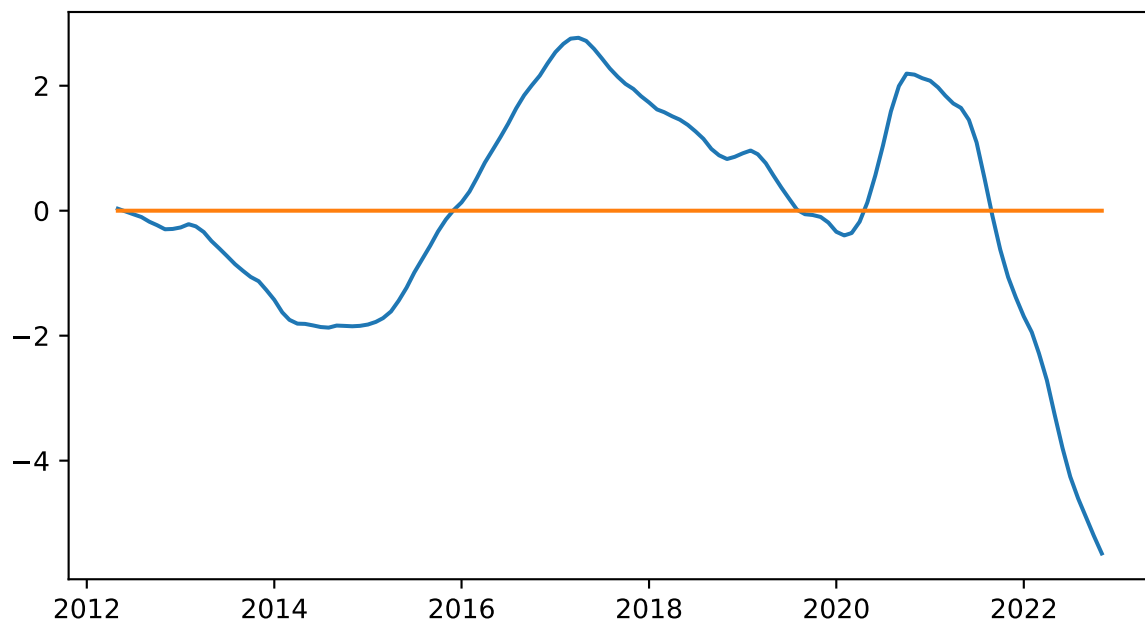
## Christiano Fitzgerald Filter



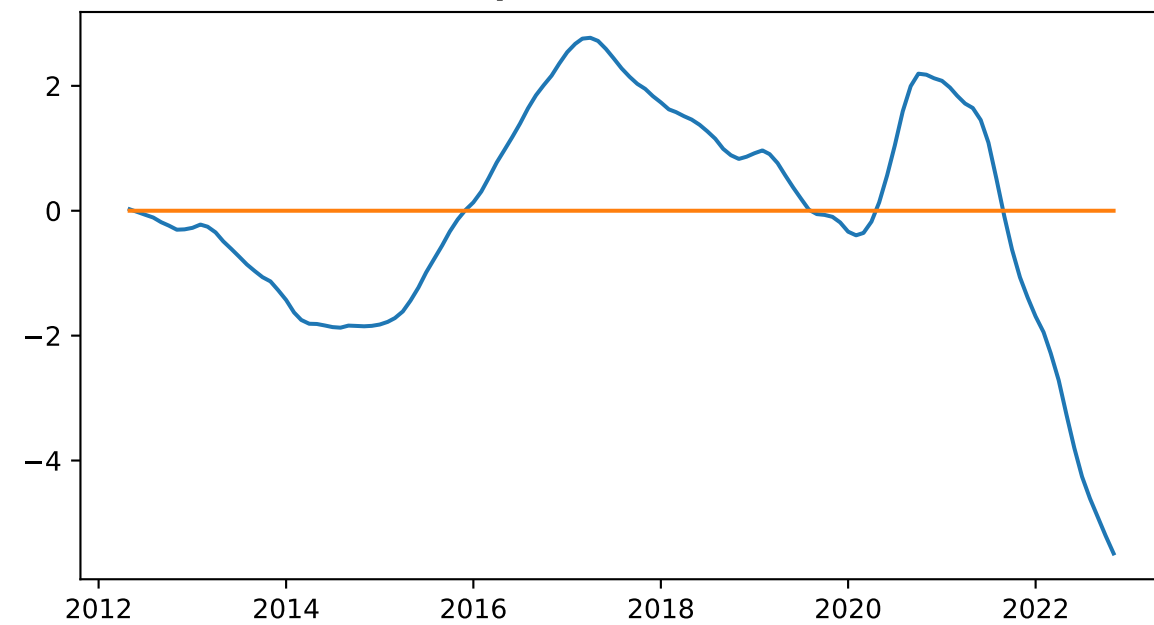


# Comparing Unemployment Rate - PNADC

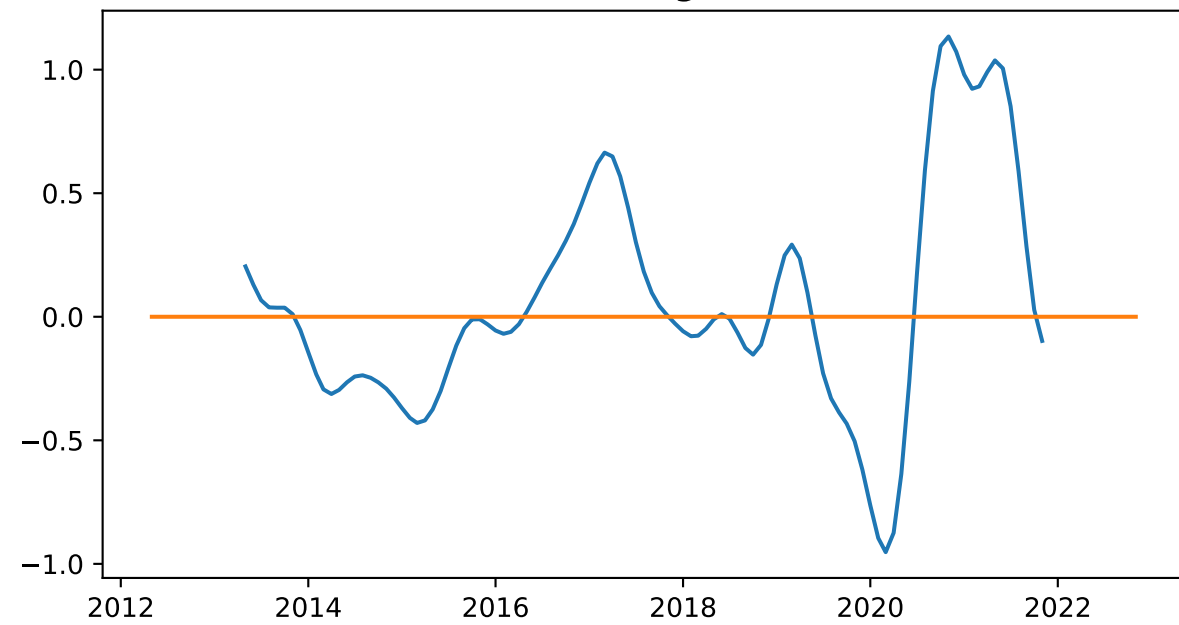
## Linear Filter



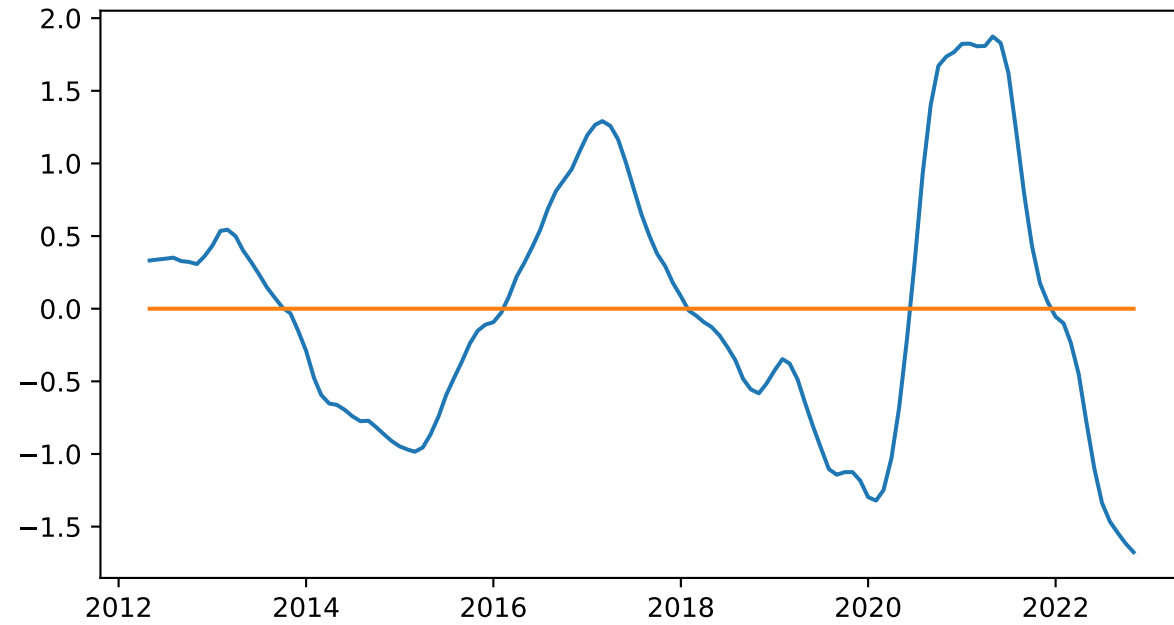
## Quadratic Filter



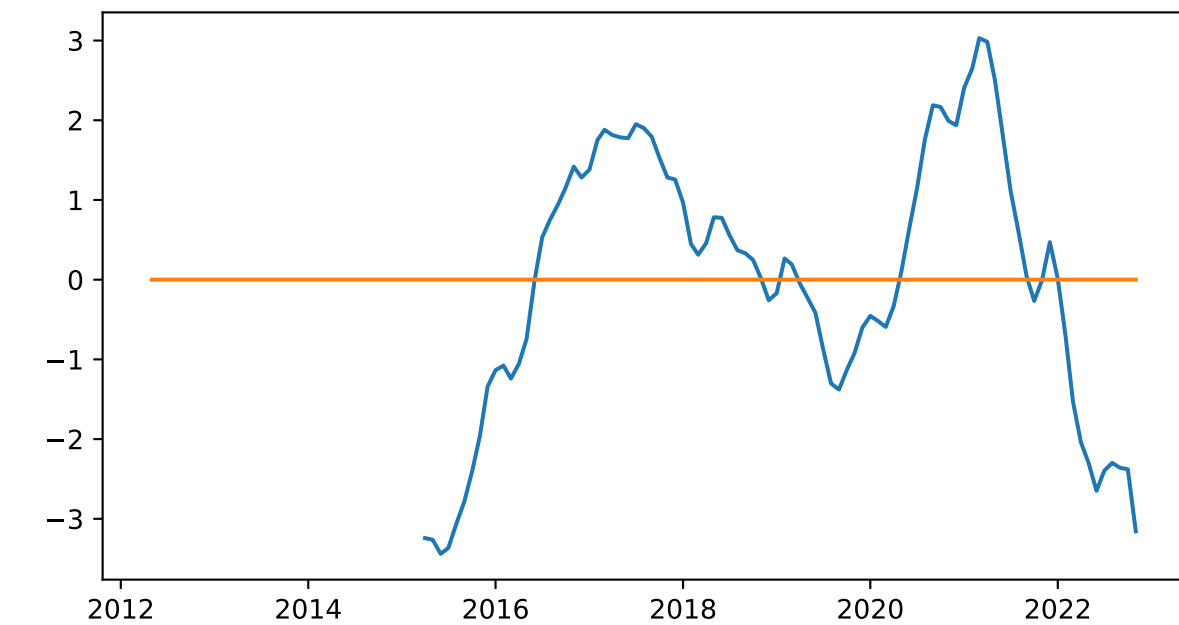
## Baxter-King Filter



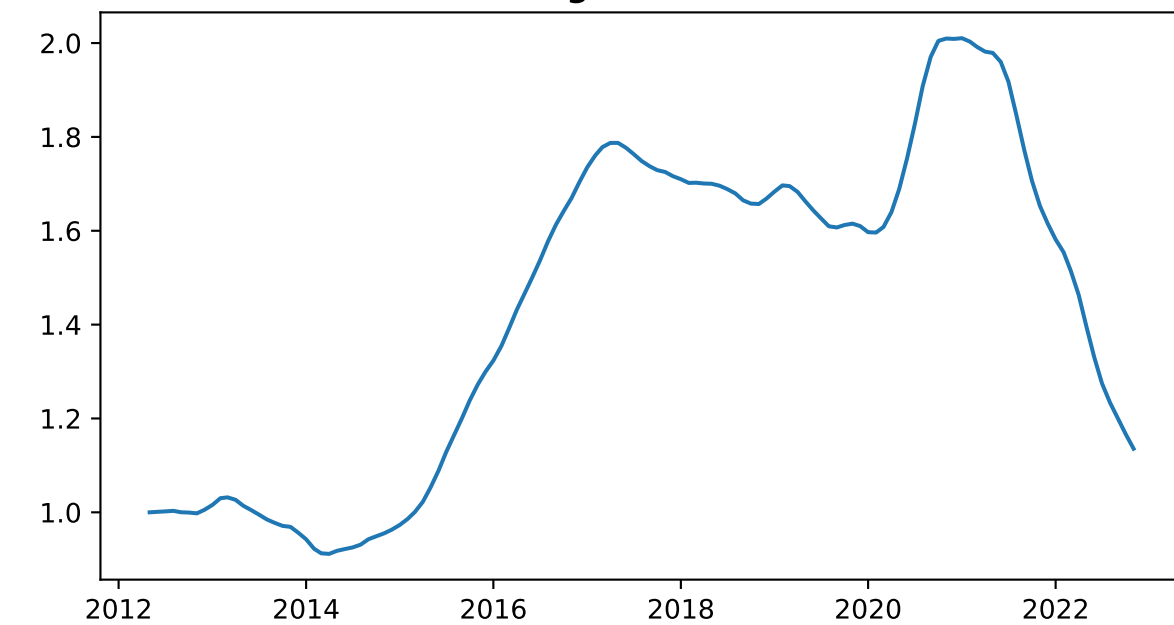
## Hodrick-Prescott Filter



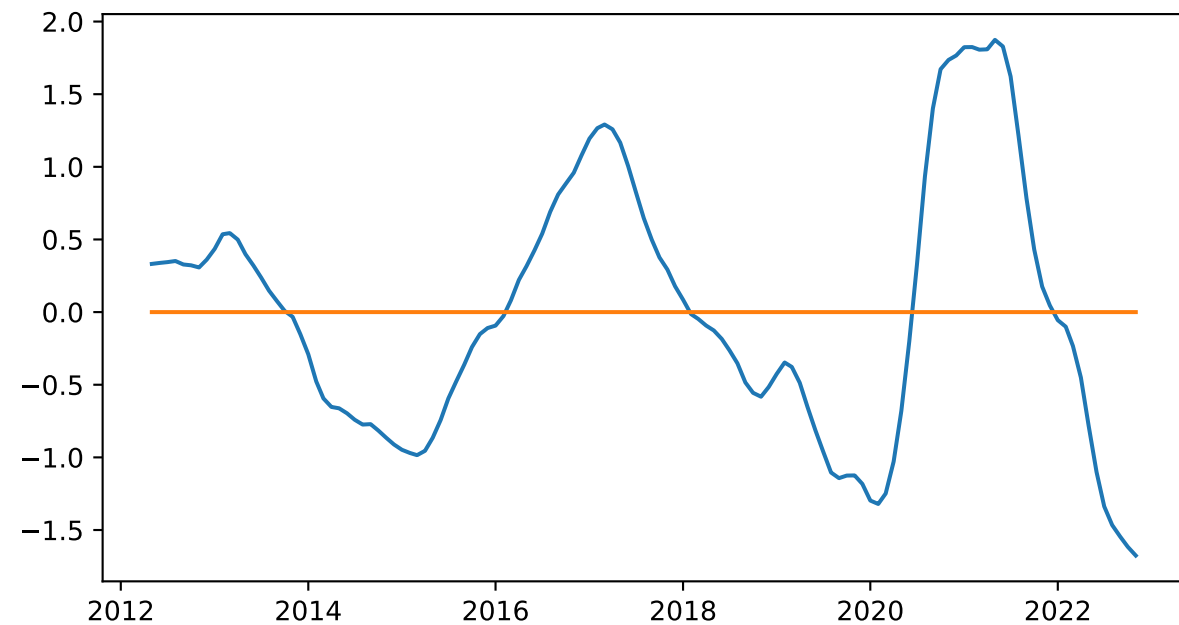
## Hamilton Filter



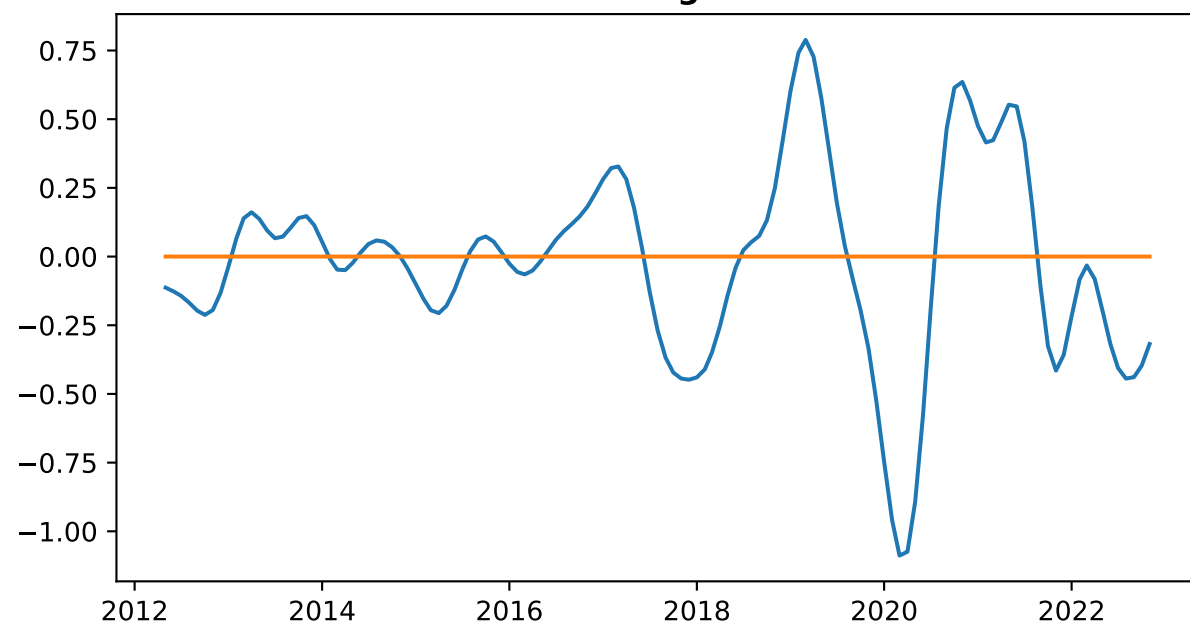
## log.Variable



## Boosted HP Filter



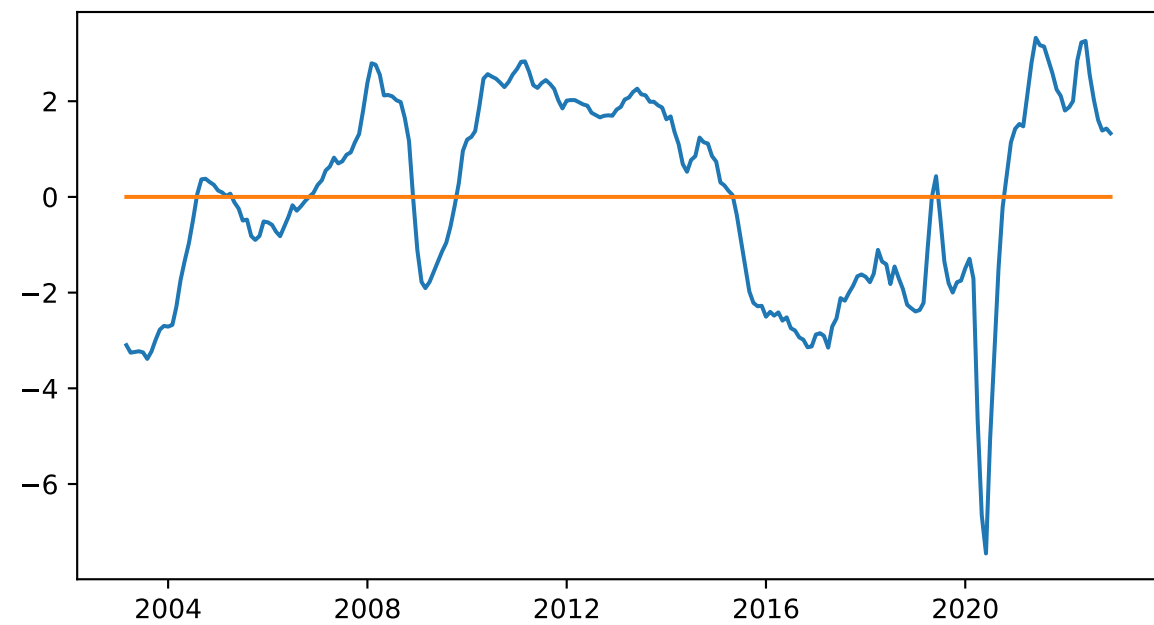
## Christiano Fitzgerald Filter



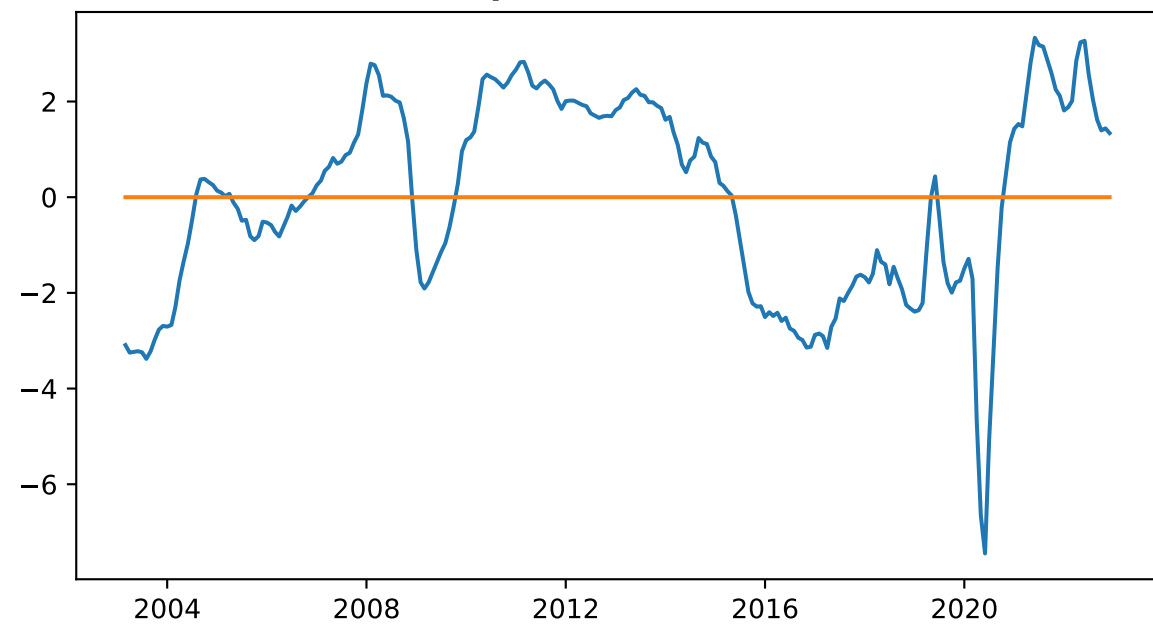


# Comparing Installed Capacity Utilisation - Manufacturing Industry (CNI)

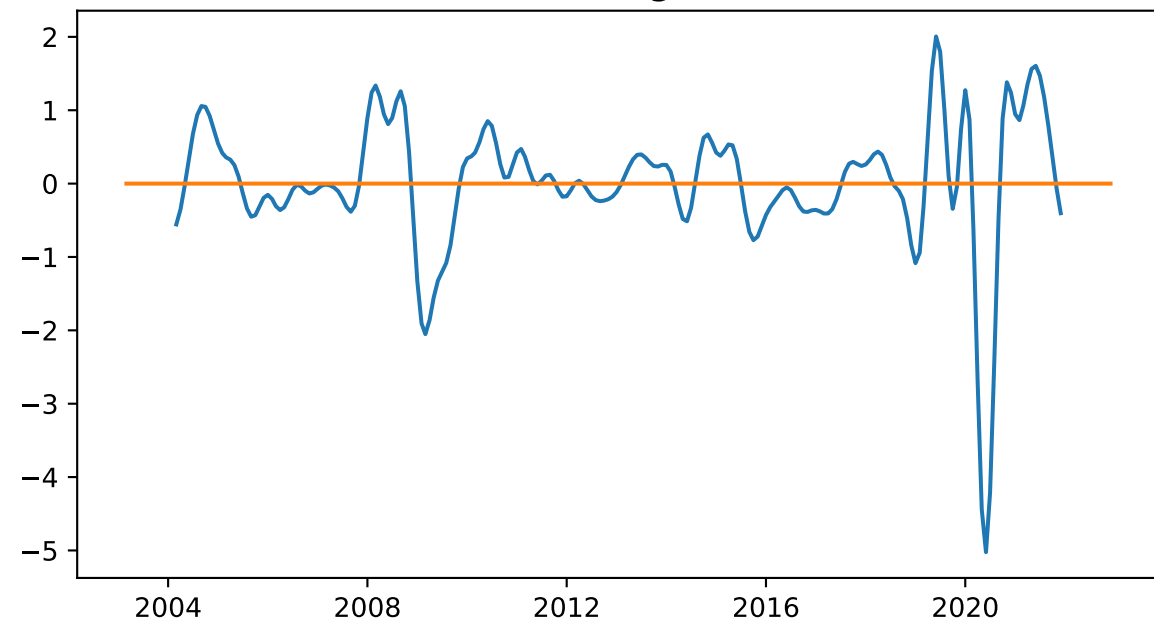
**Linear Filter**



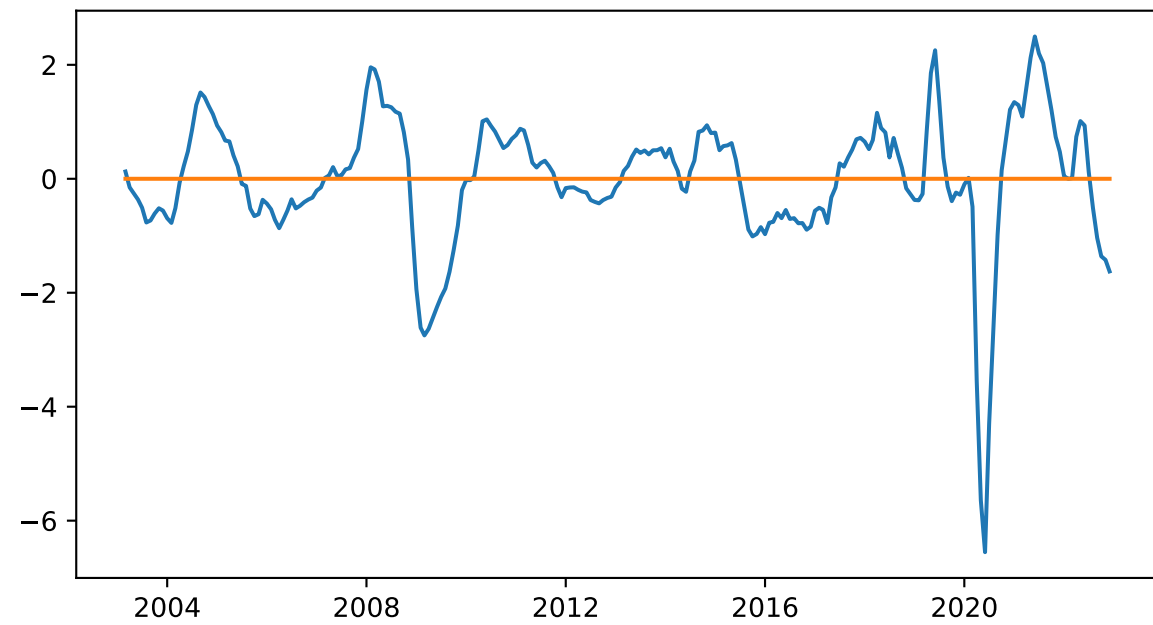
**Quadratic Filter**



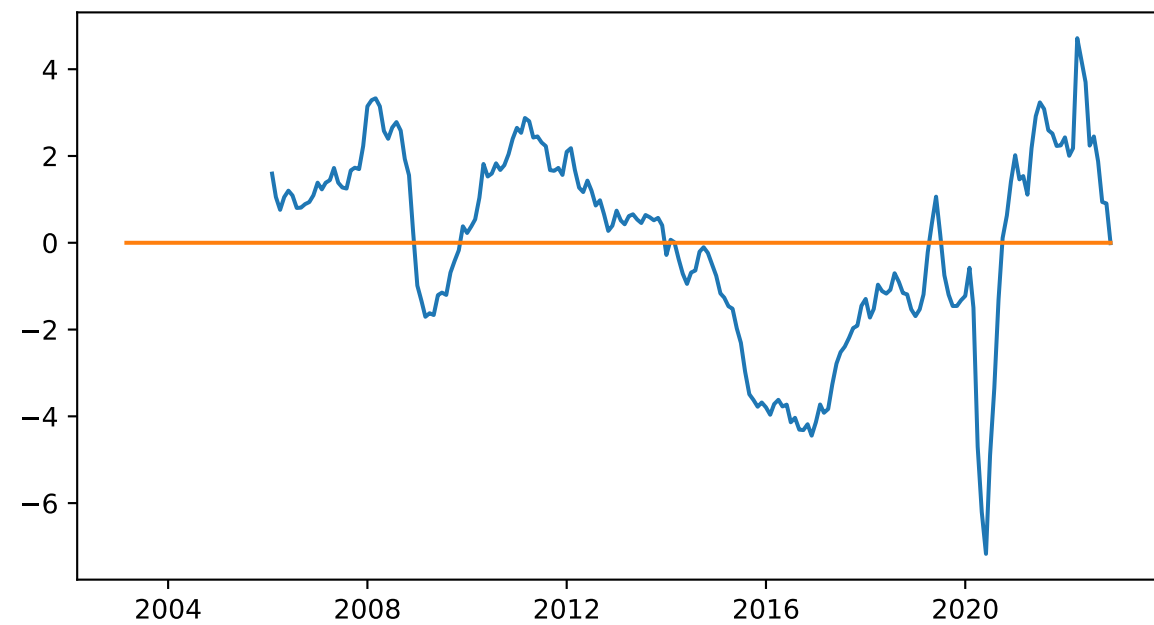
**Baxter-King Filter**



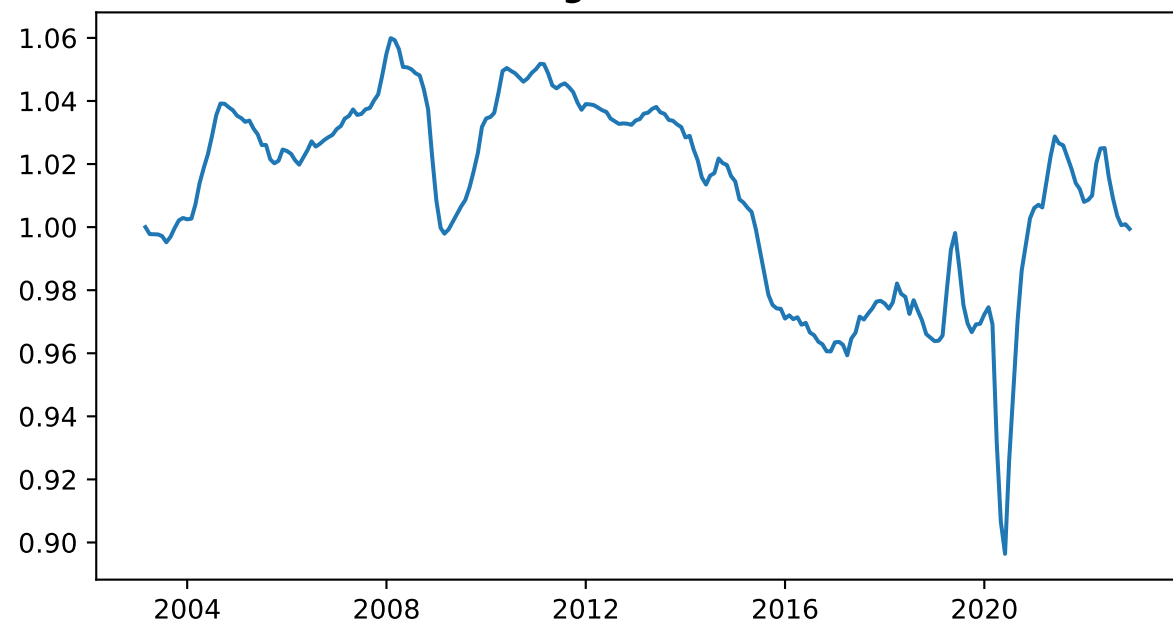
**Hodrick-Prescott Filter**



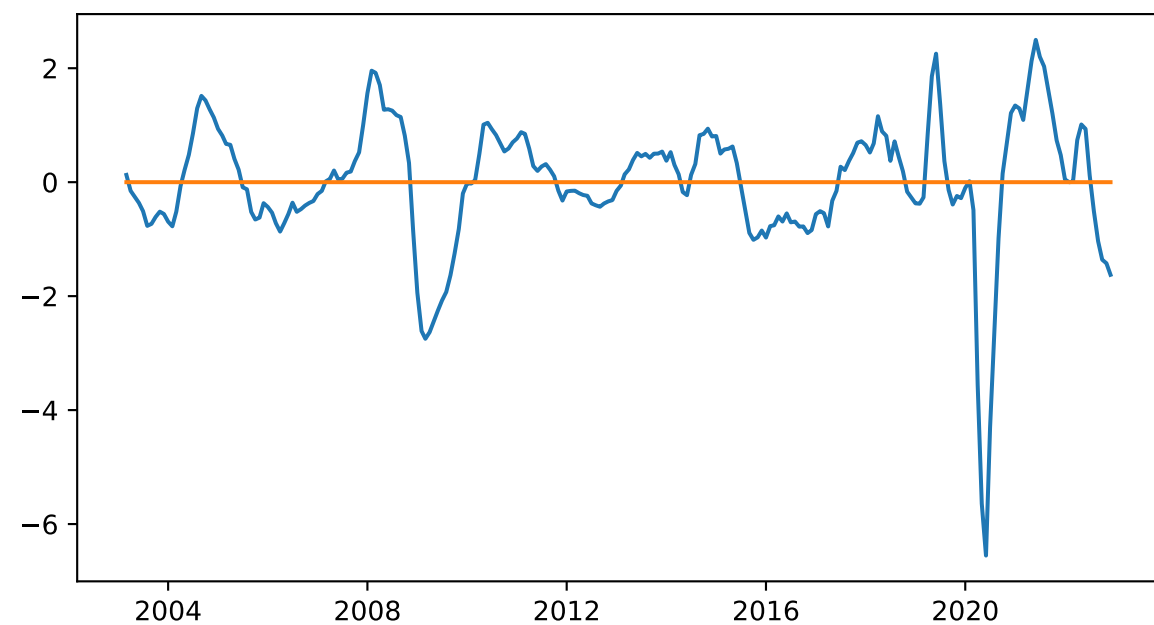
**Hamilton Filter**



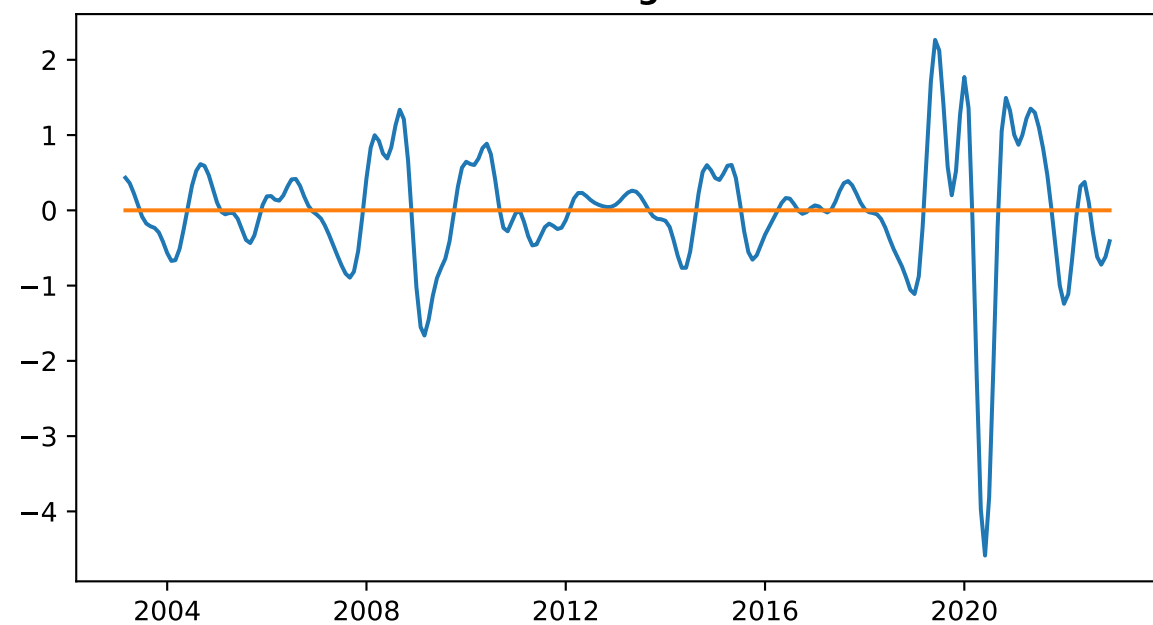
**log.Variable**



**Boosted HP Filter**

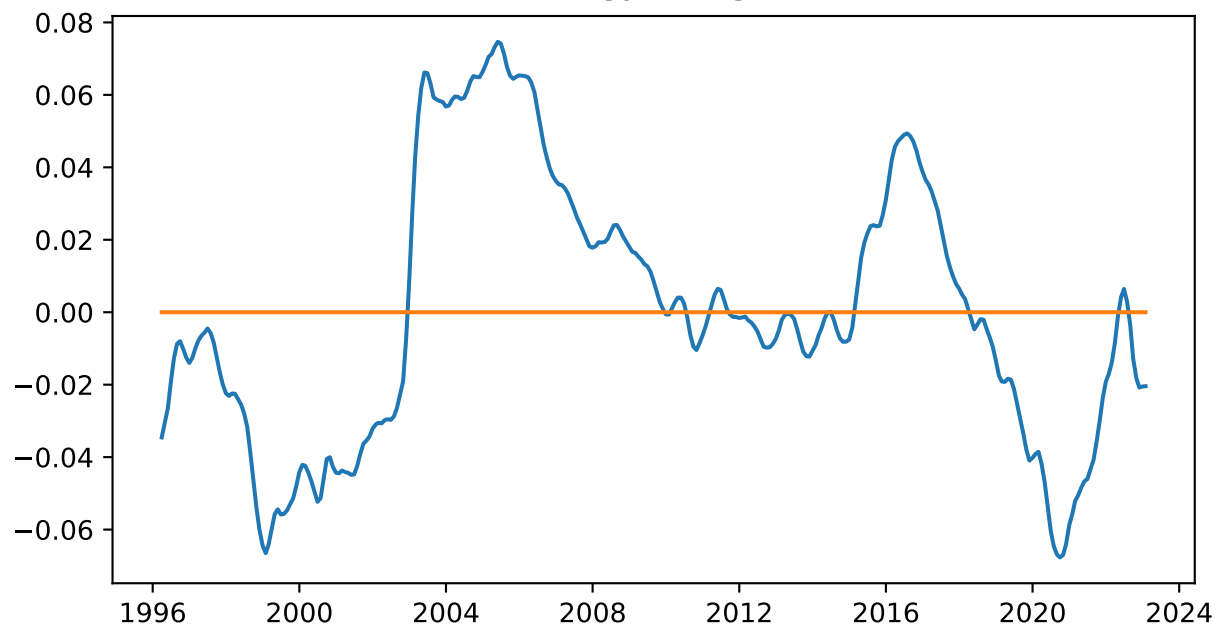


**Christiano Fitzgerald Filter**

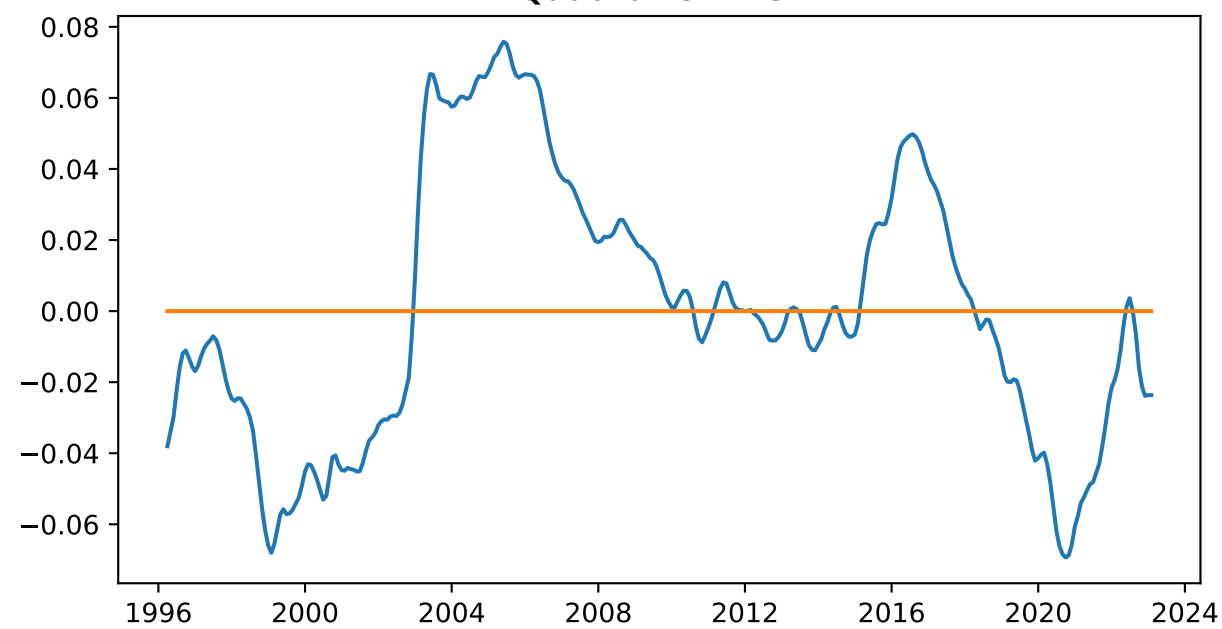


# Comparing Brazil CPIIPCA Dec 1993=100

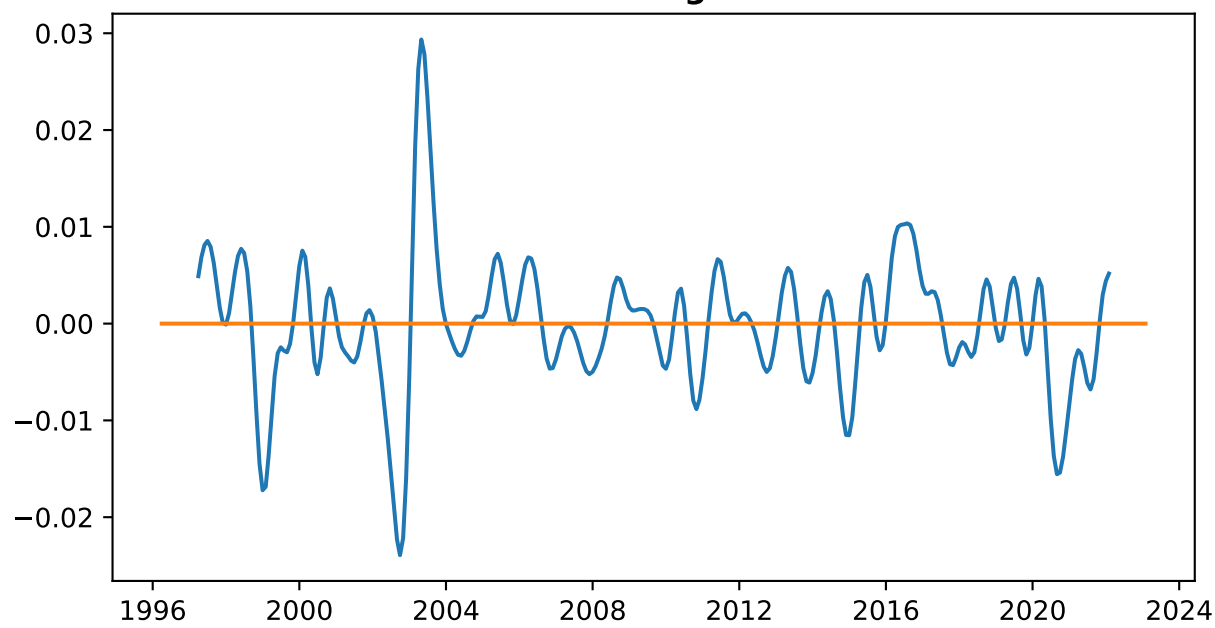
## Linear Filter



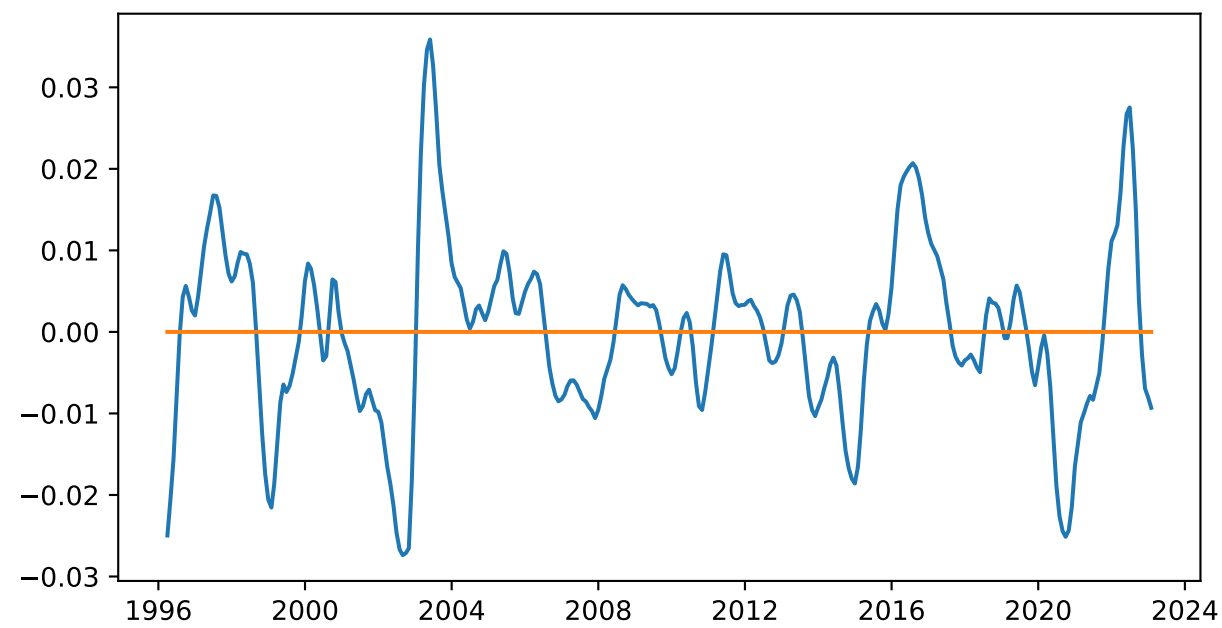
## Quadratic Filter



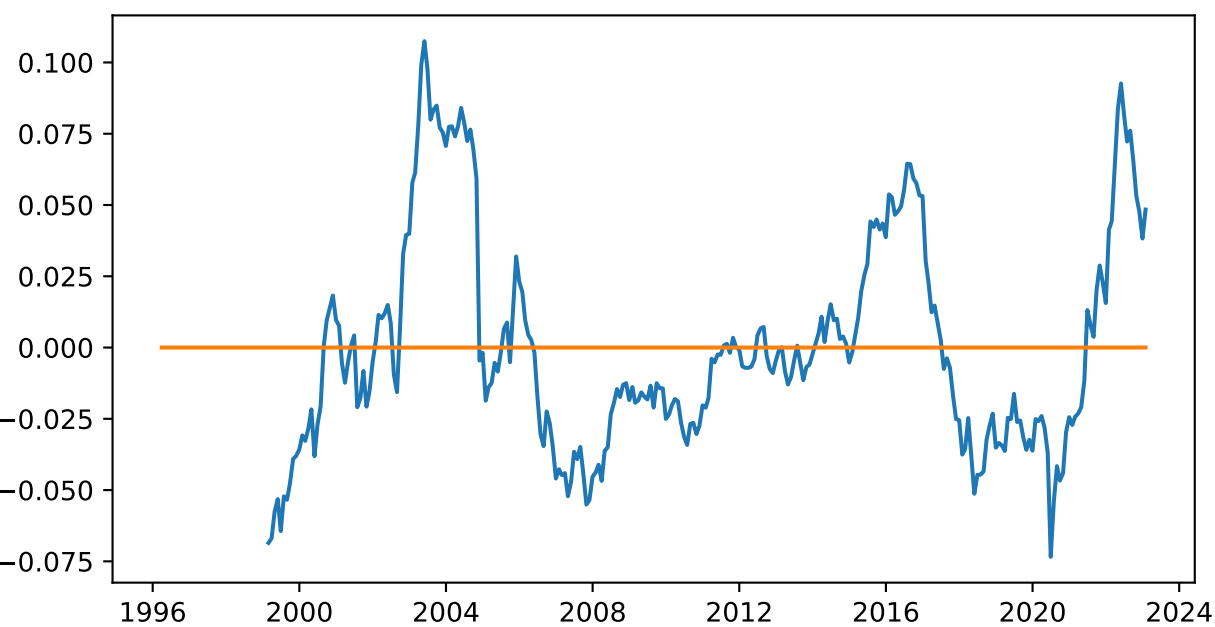
## Baxter-King Filter



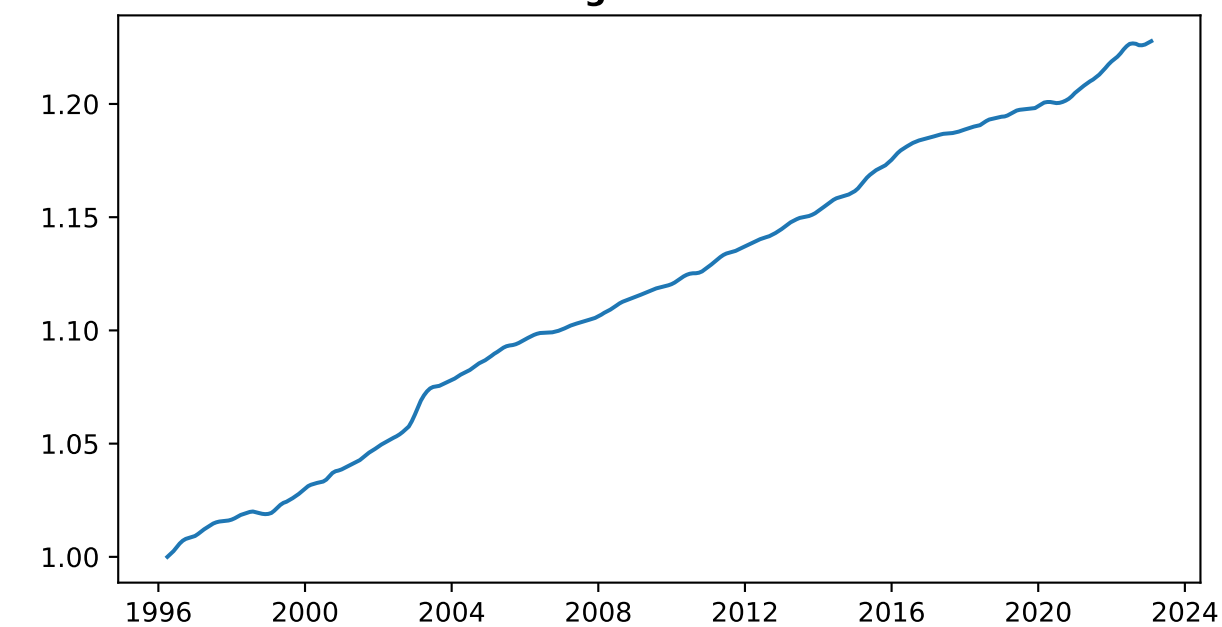
## Hodrick-Prescott Filter



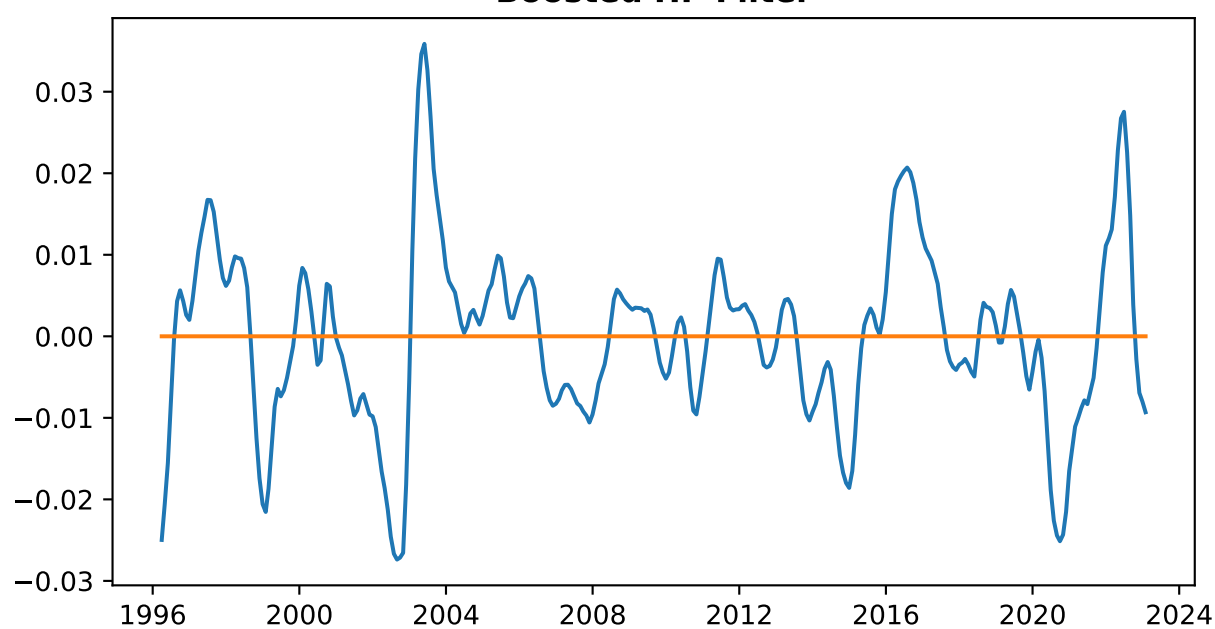
## Hamilton Filter



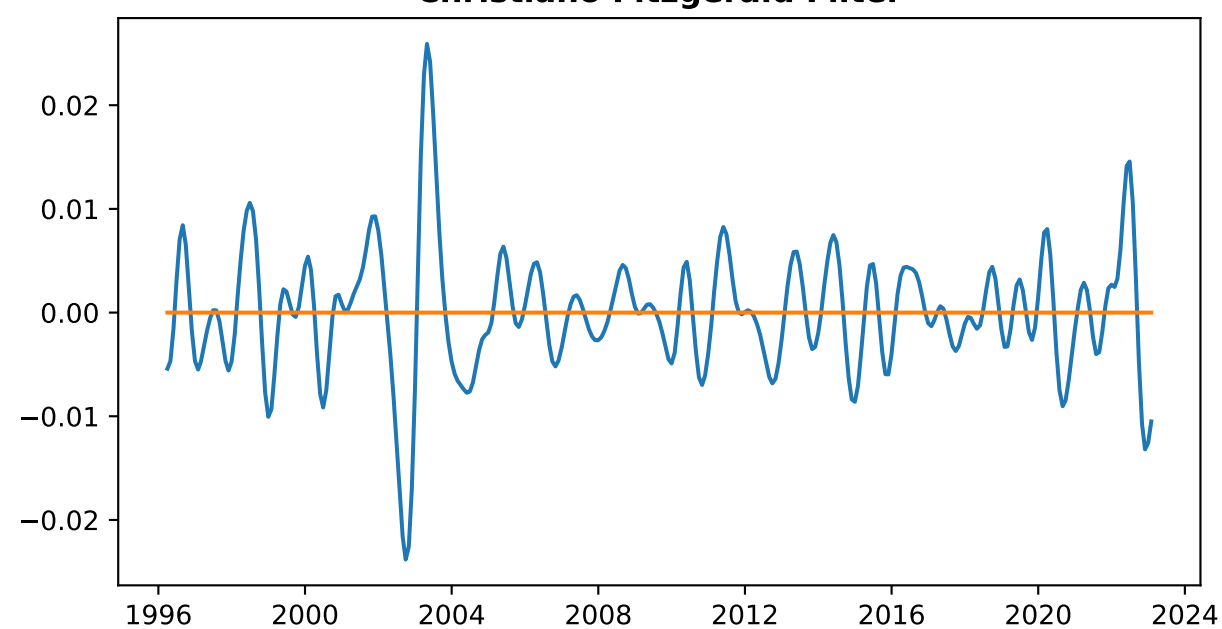
## log.Variable



## Boosted HP Filter

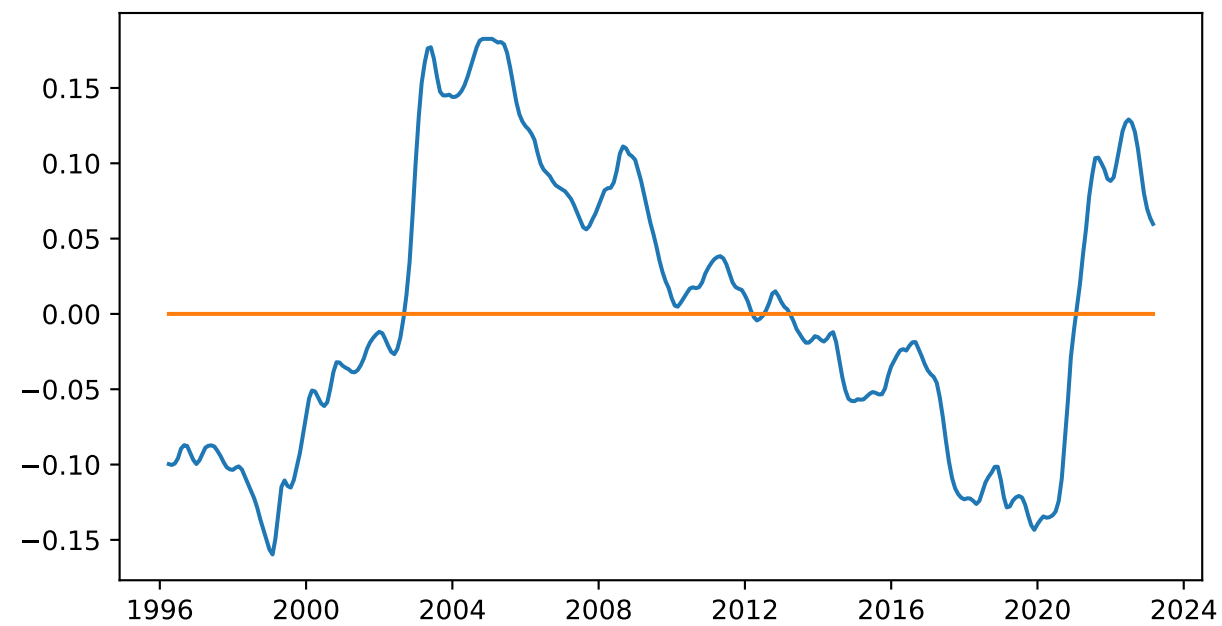


## Christiano Fitzgerald Filter

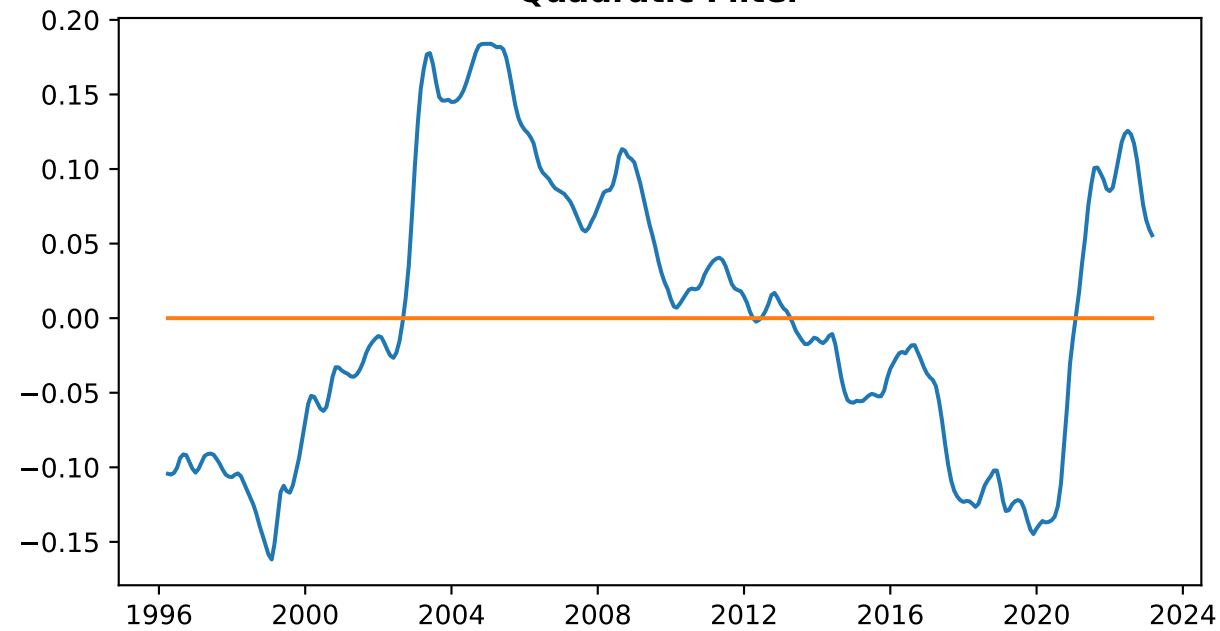


# Comparing FGV Brazil General Prices IGP-M

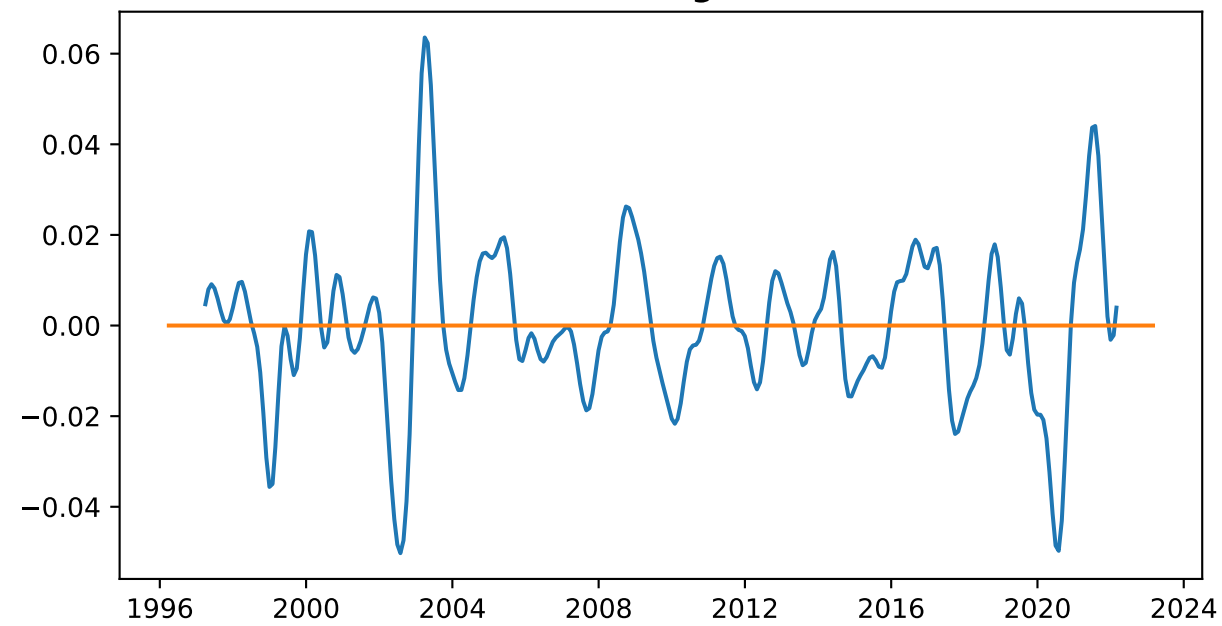
## Linear Filter



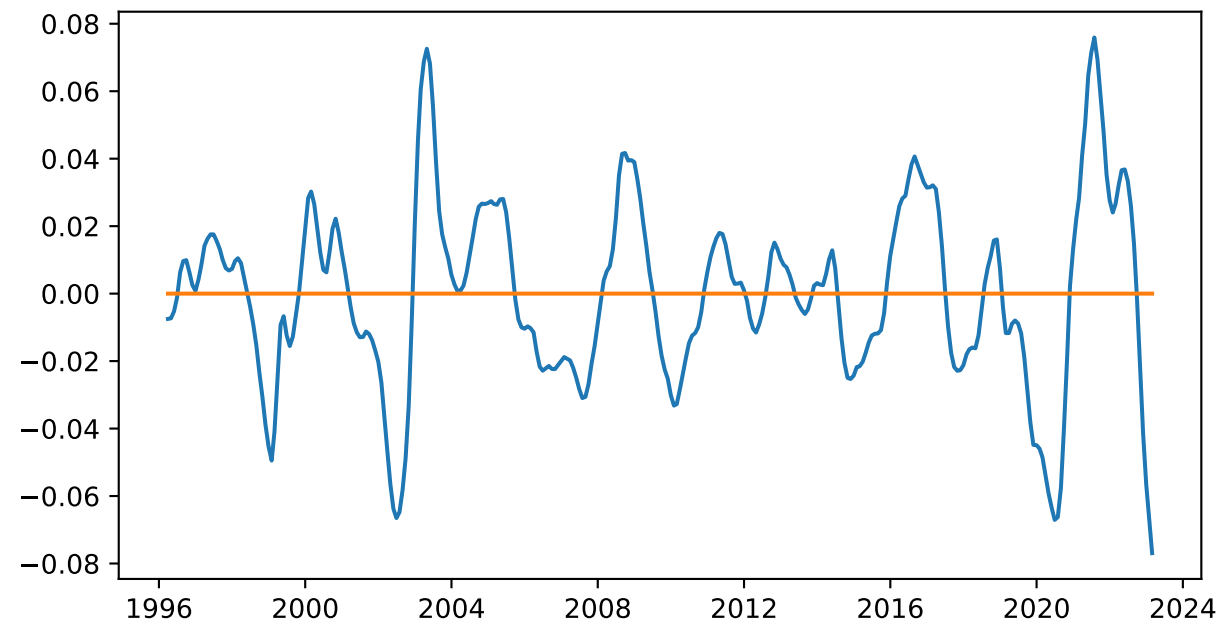
## Quadratic Filter



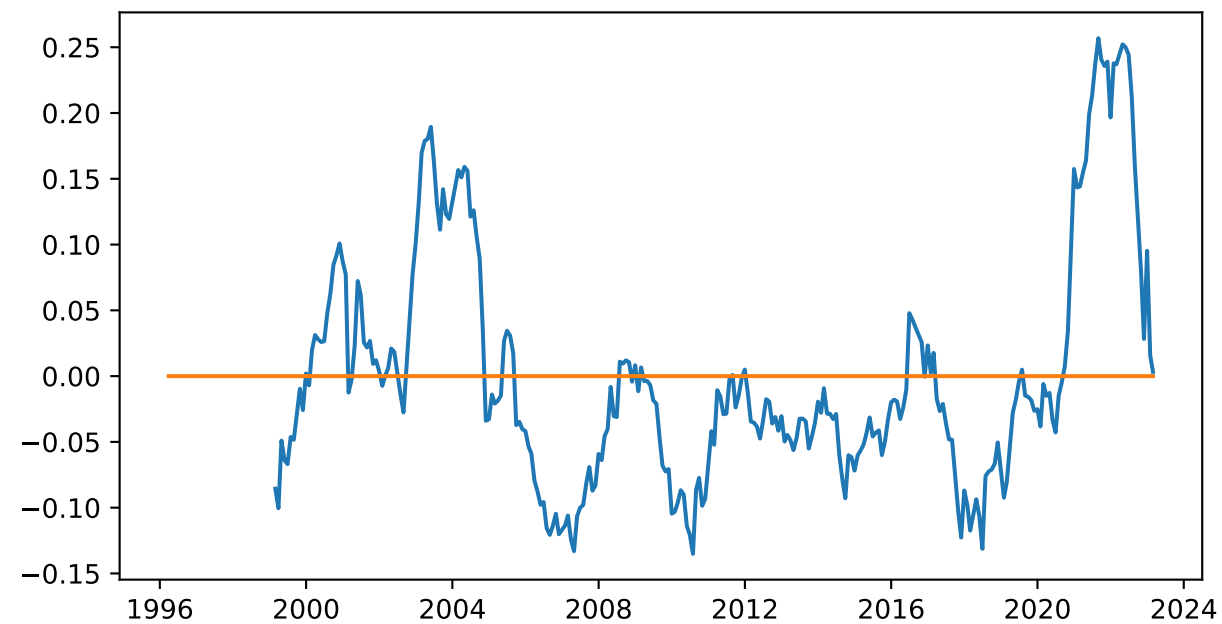
## Baxter-King Filter



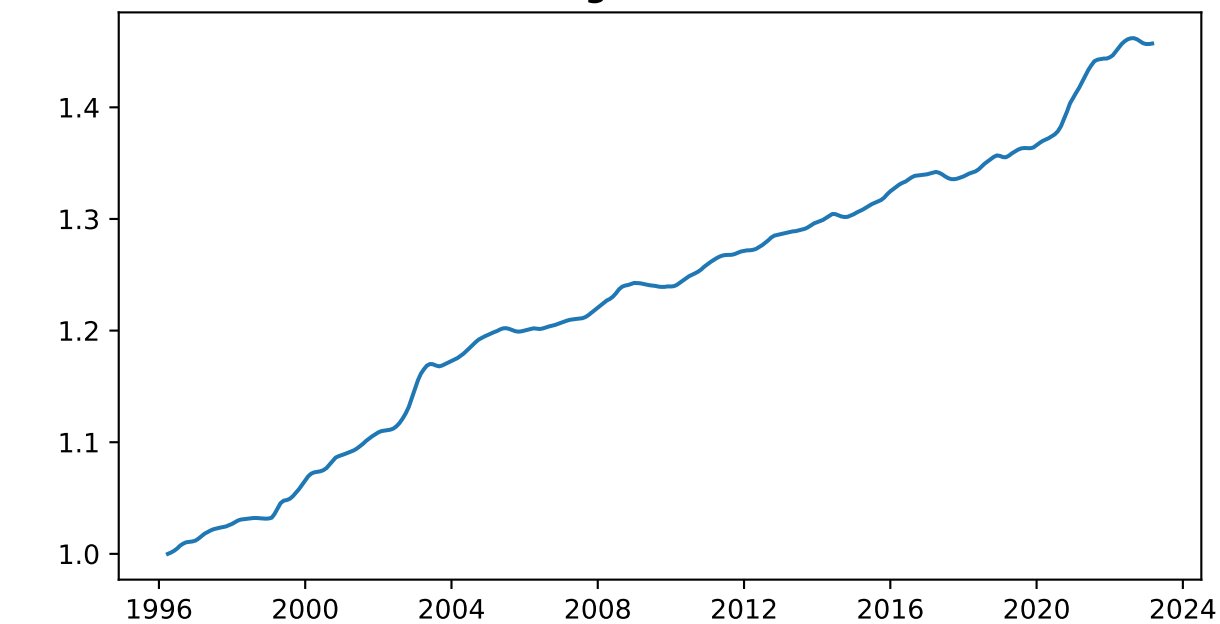
## Hodrick-Prescott Filter



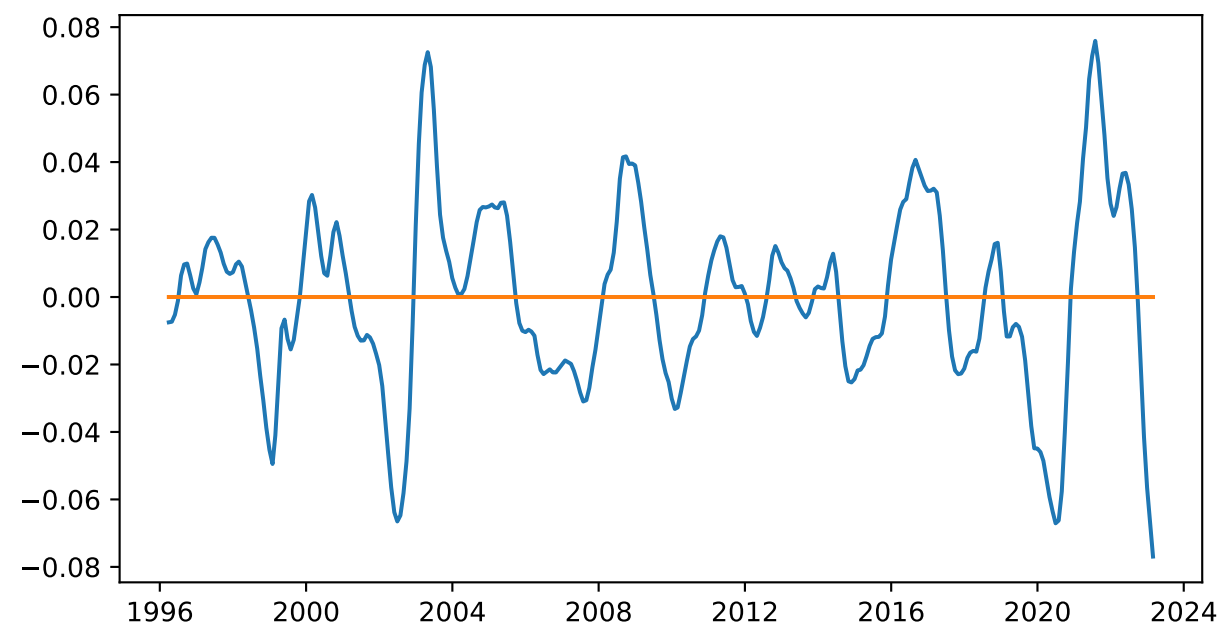
## Hamilton Filter



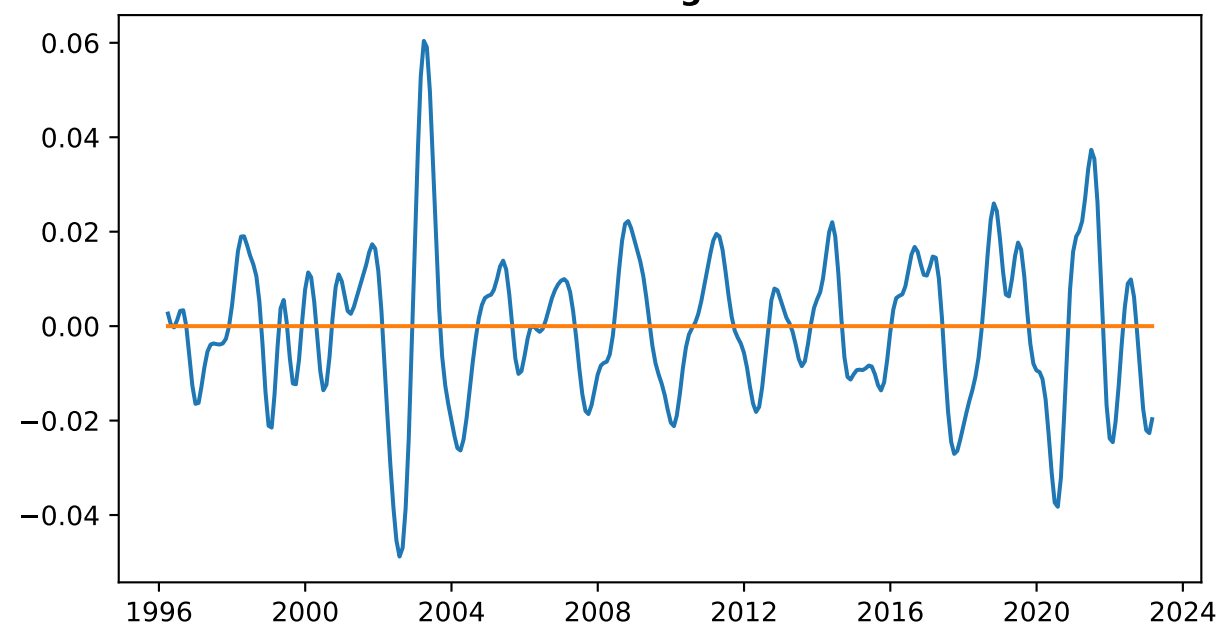
## log.Variable



## Boosted HP Filter

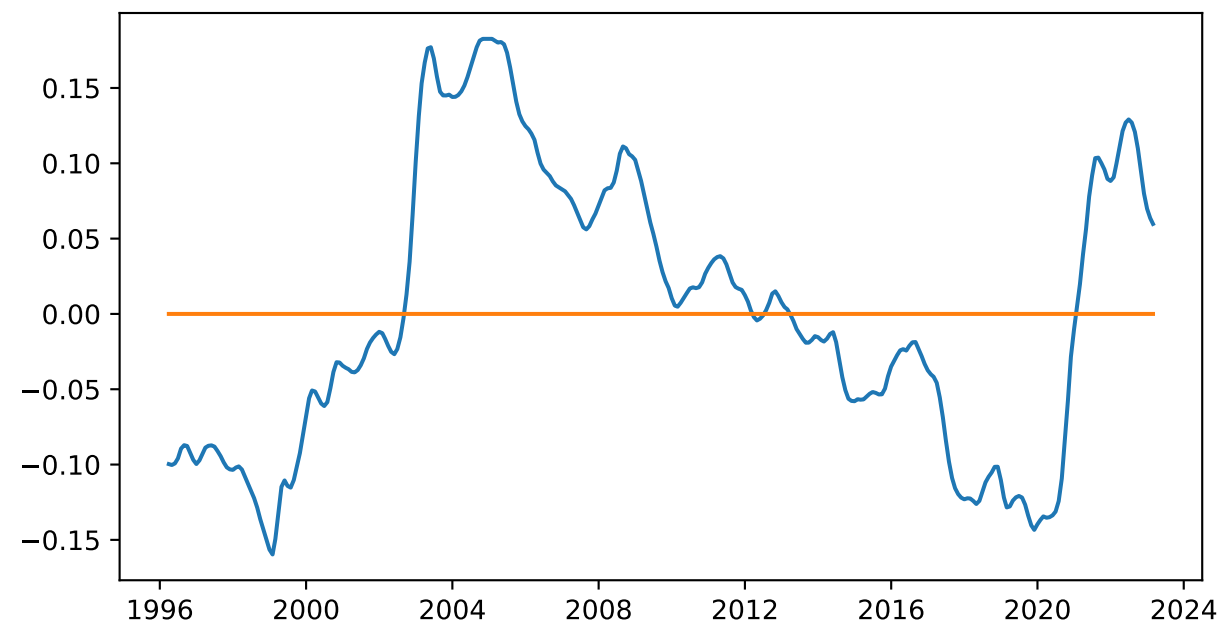


## Christiano Fitzgerald Filter

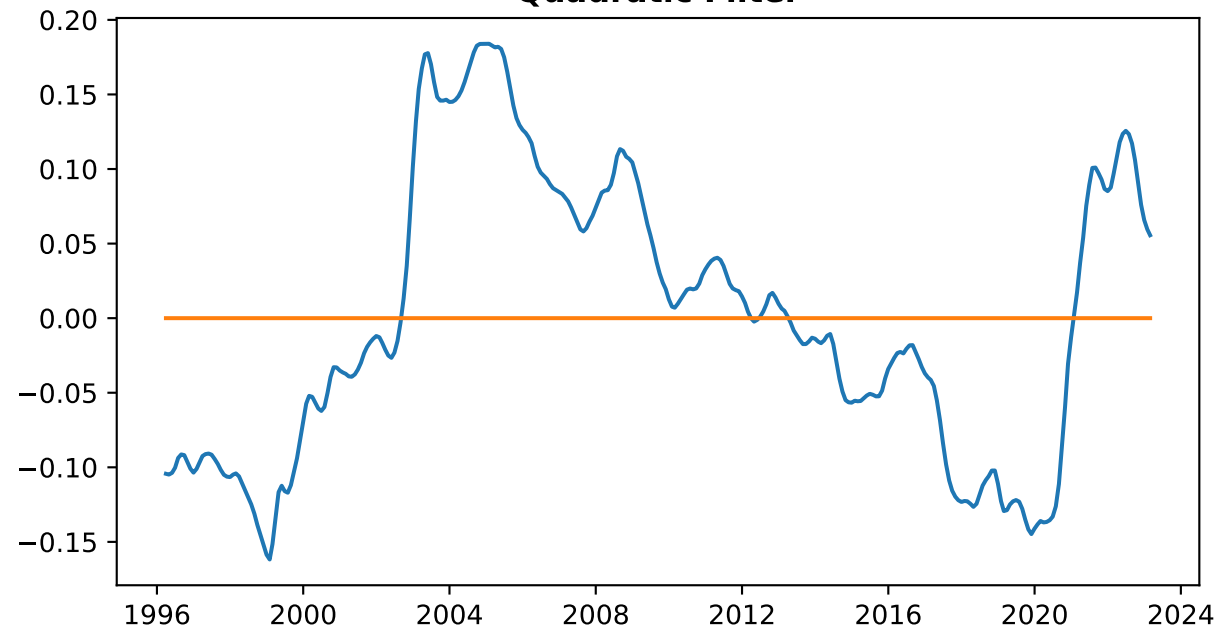


# Comparing FGV Brazil General Prices IGP-M

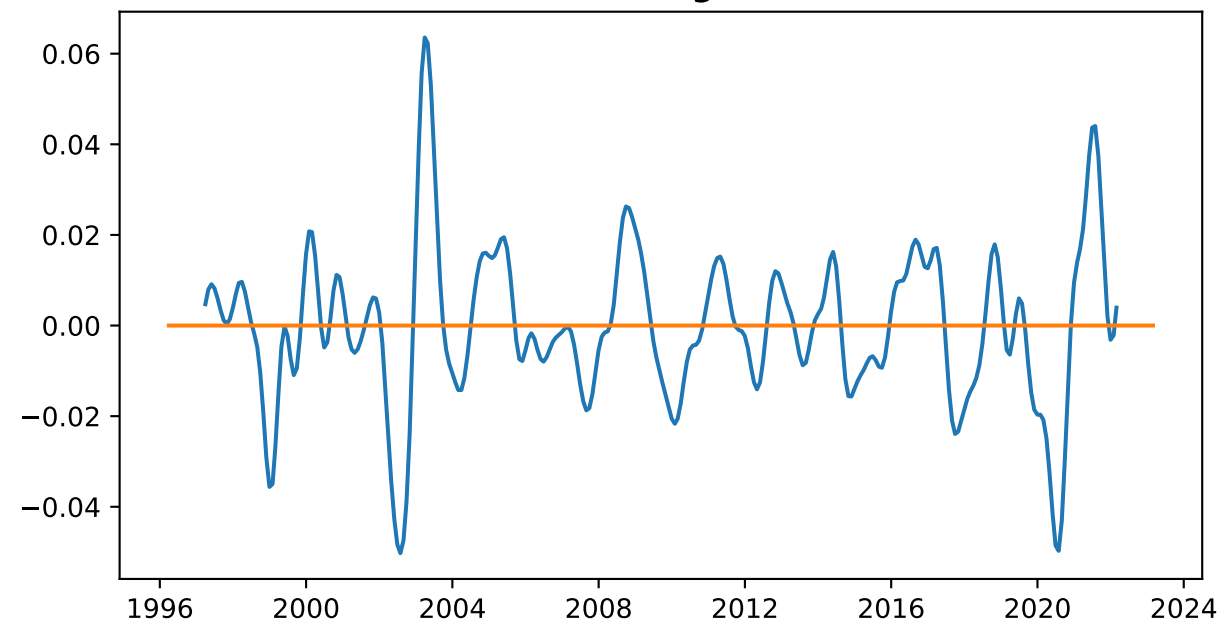
## Linear Filter



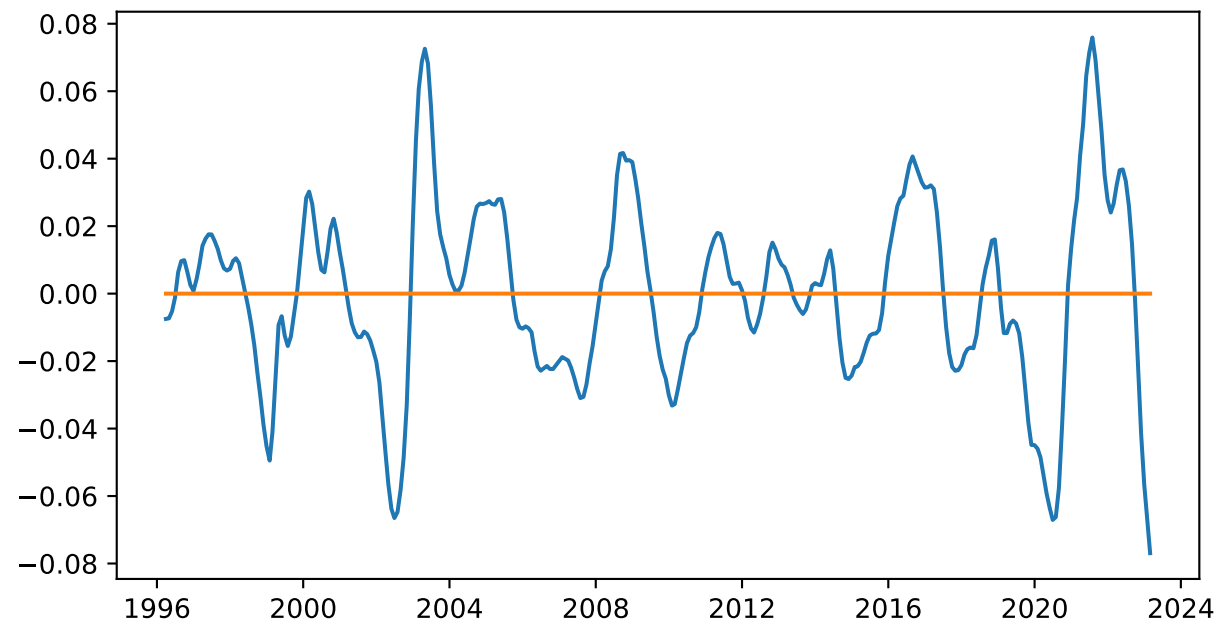
## Quadratic Filter



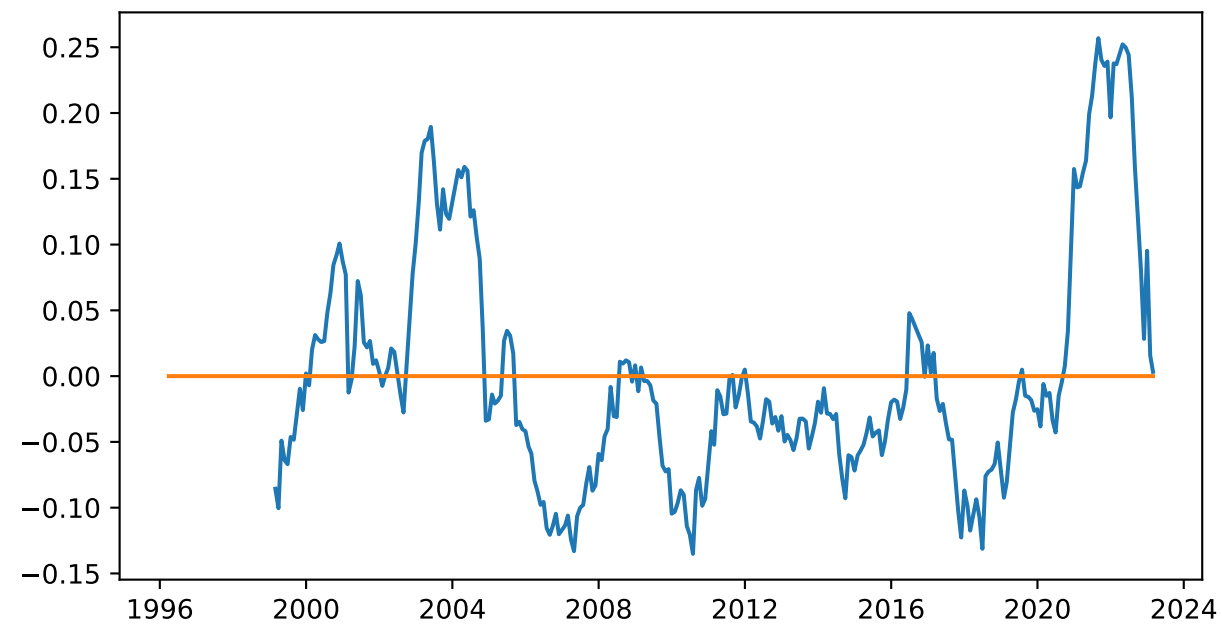
## Baxter-King Filter



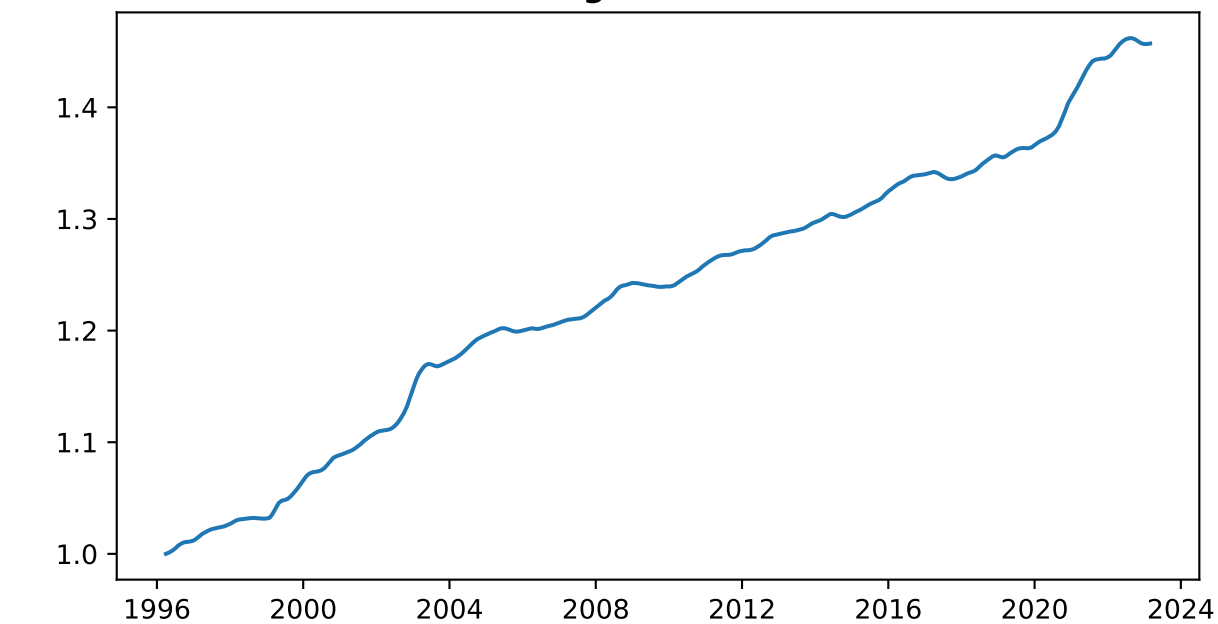
## Hodrick-Prescott Filter



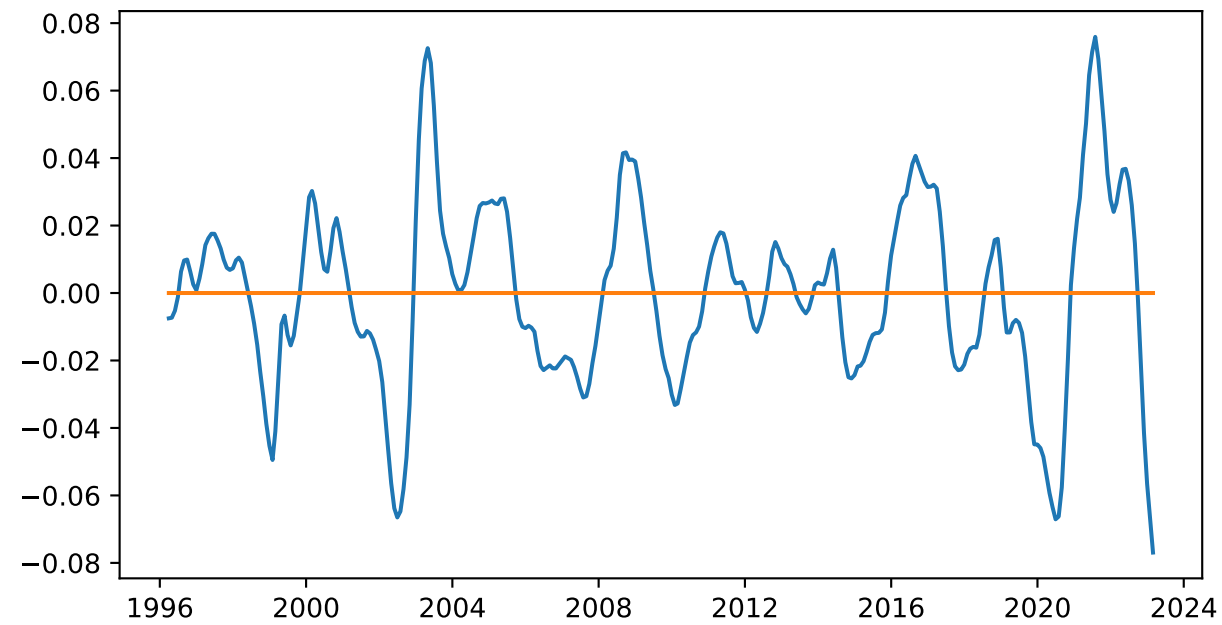
## Hamilton Filter



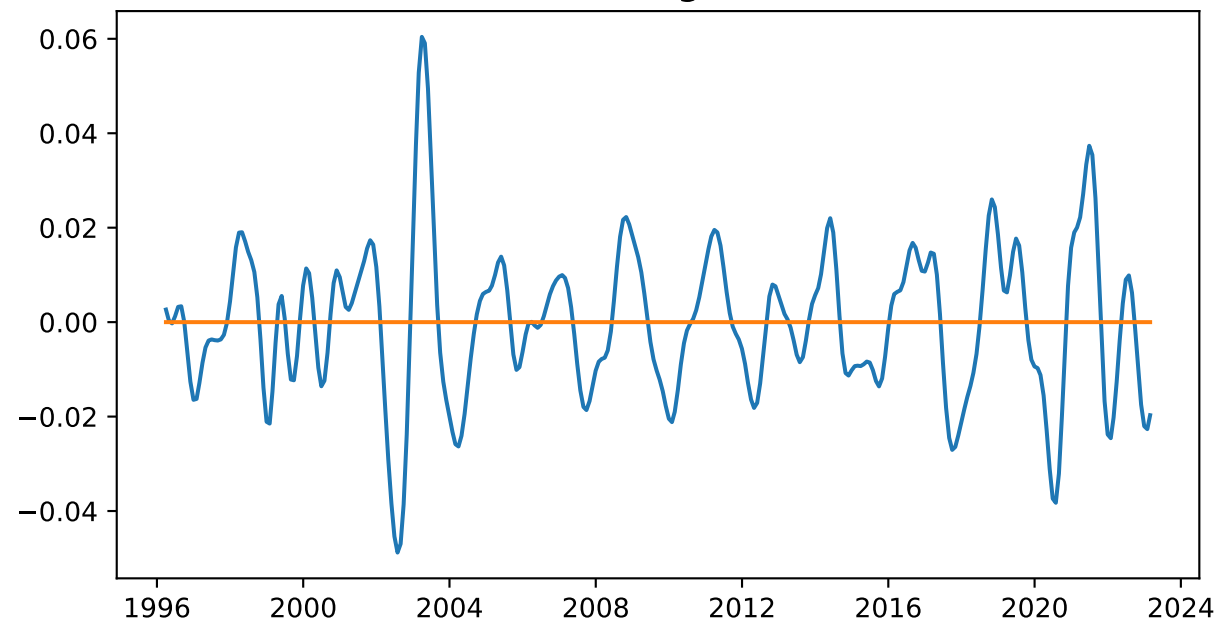
## log.Variable



## Boosted HP Filter

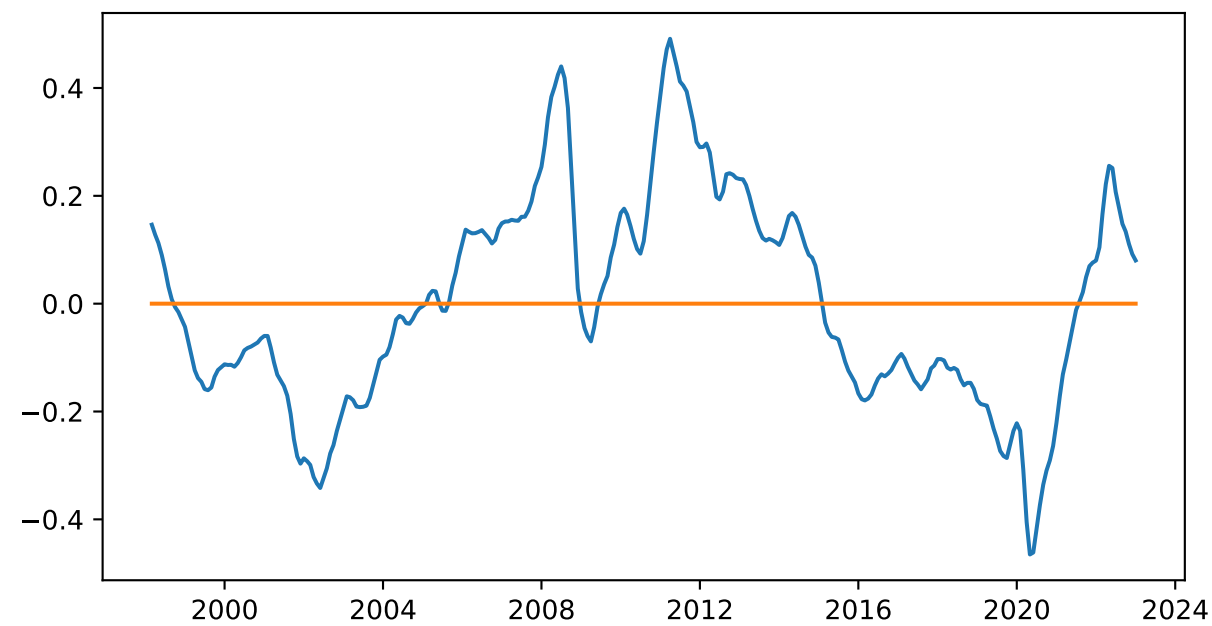


## Christiano Fitzgerald Filter

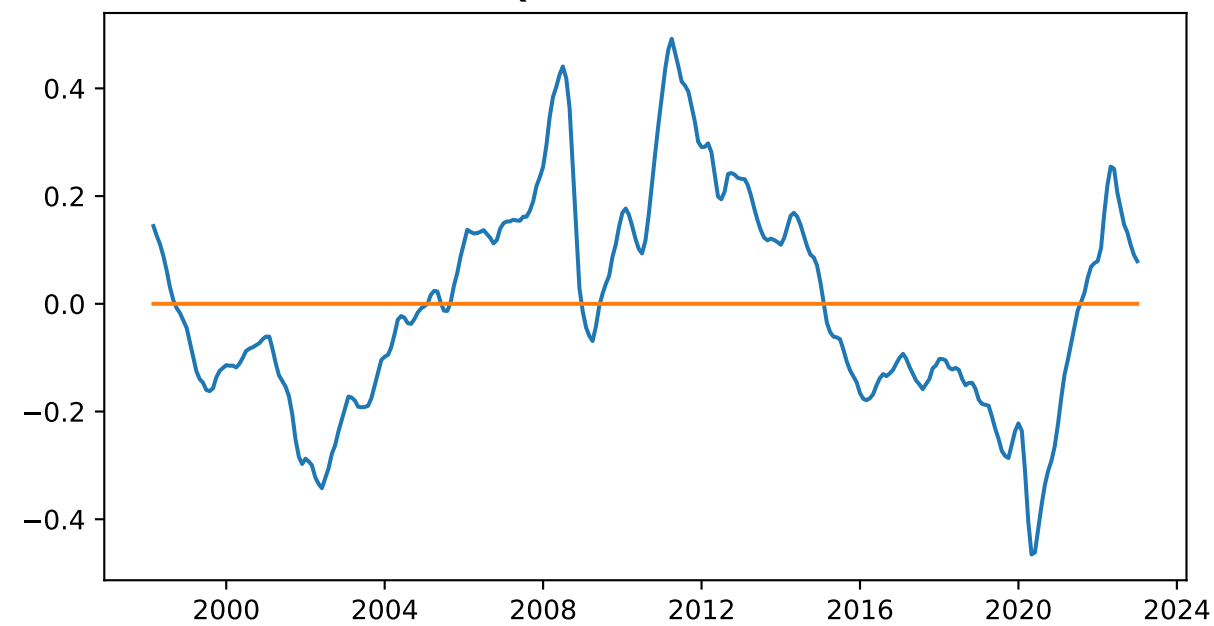


# Comparing Commodities Index

## Linear Filter



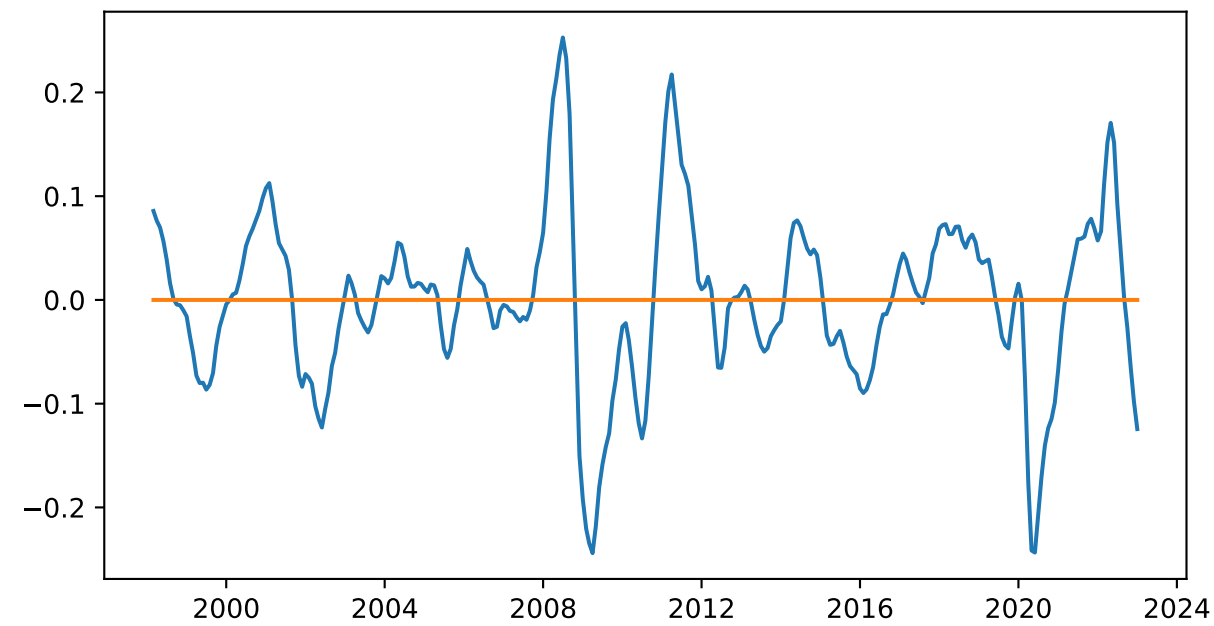
## Quadratic Filter



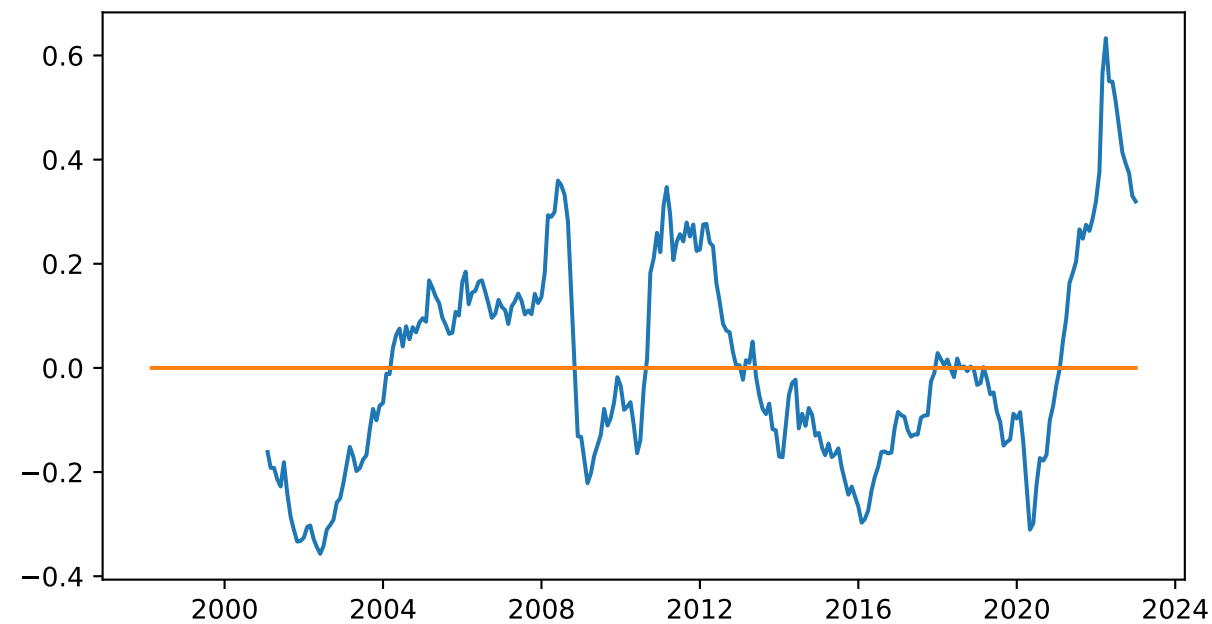
## Baxter-King Filter



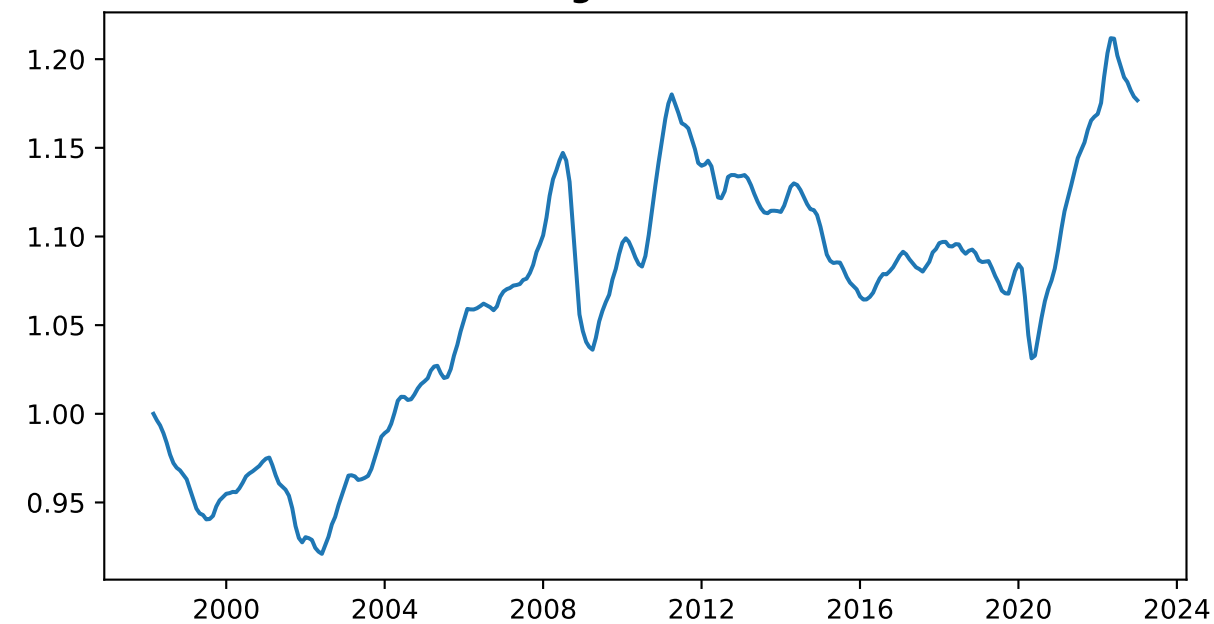
## Hodrick-Prescott Filter



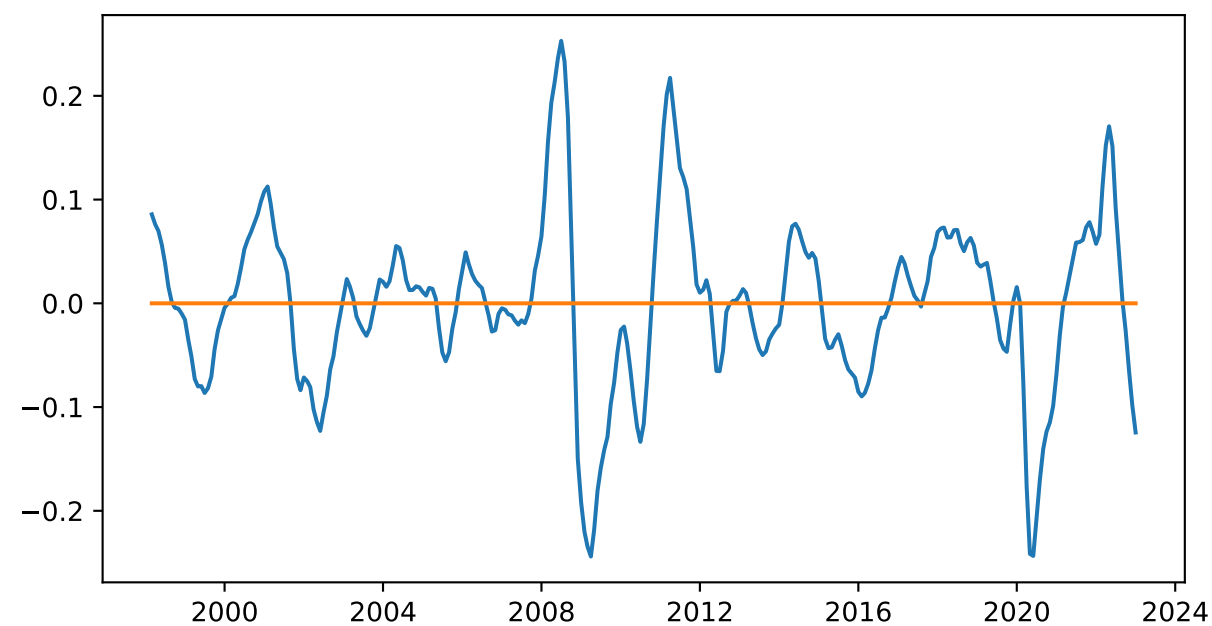
## Hamilton Filter



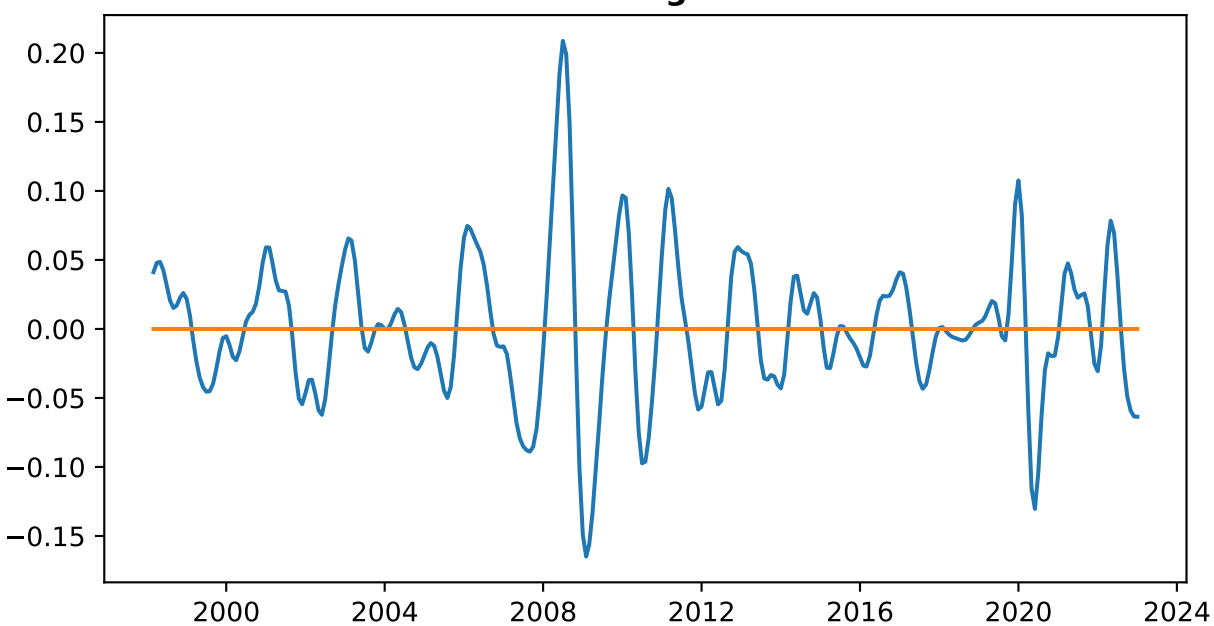
## log.Variable



## Boosted HP Filter

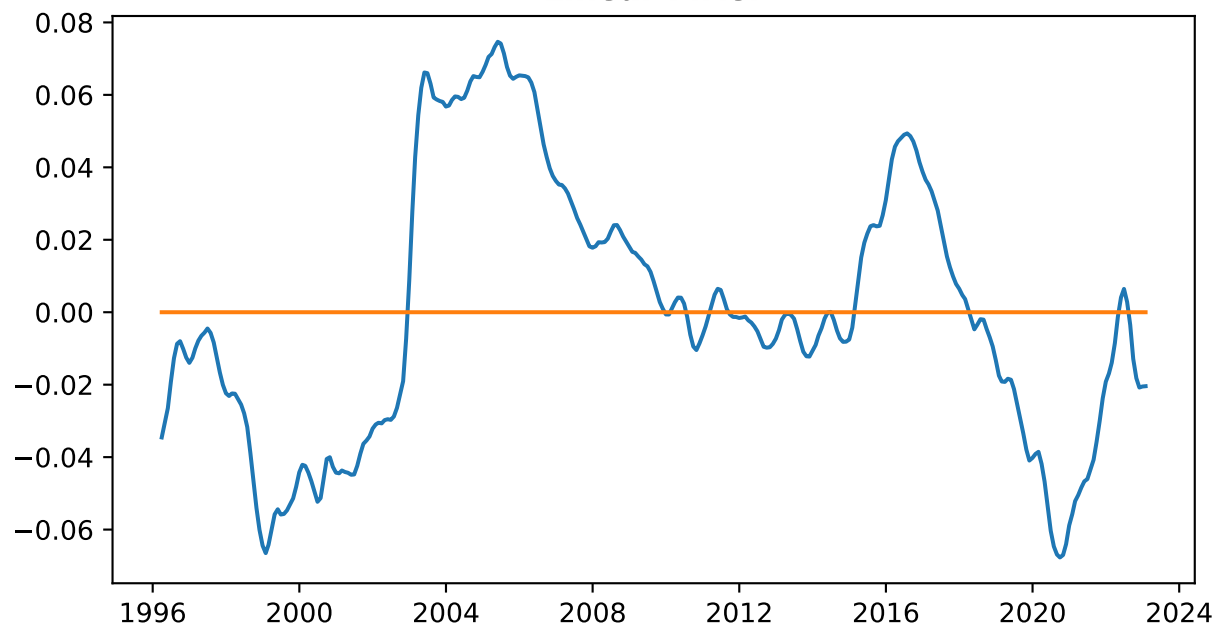


## Christiano Fitzgerald Filter

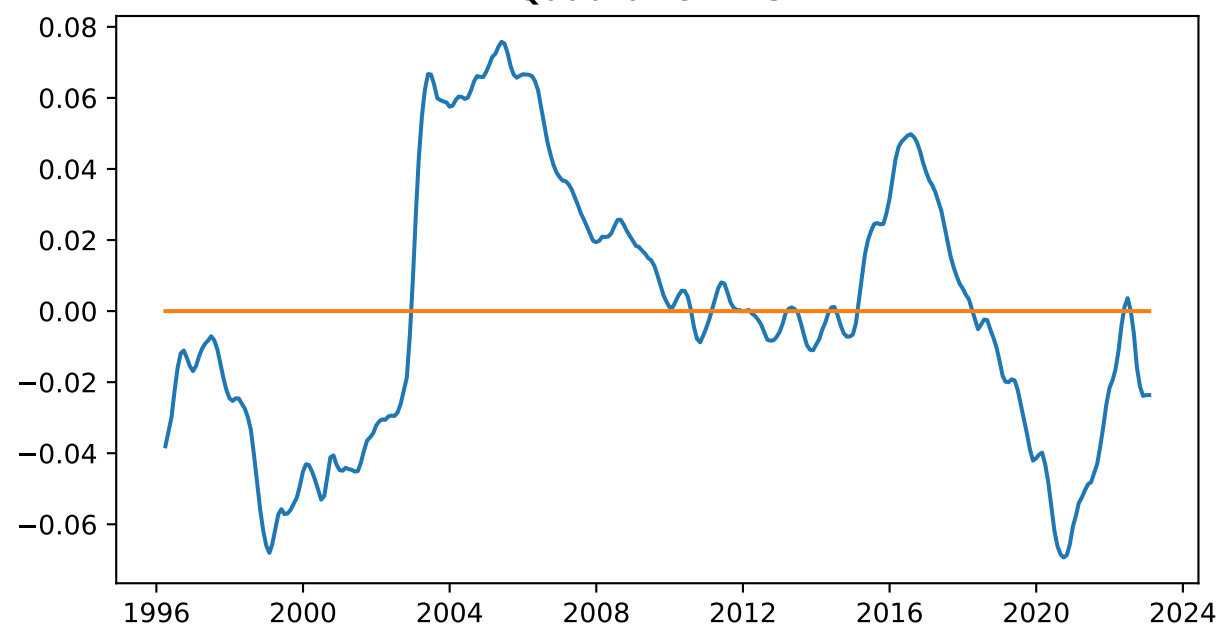


# Comparing Brazil CPIIPCA Dec 1993=100

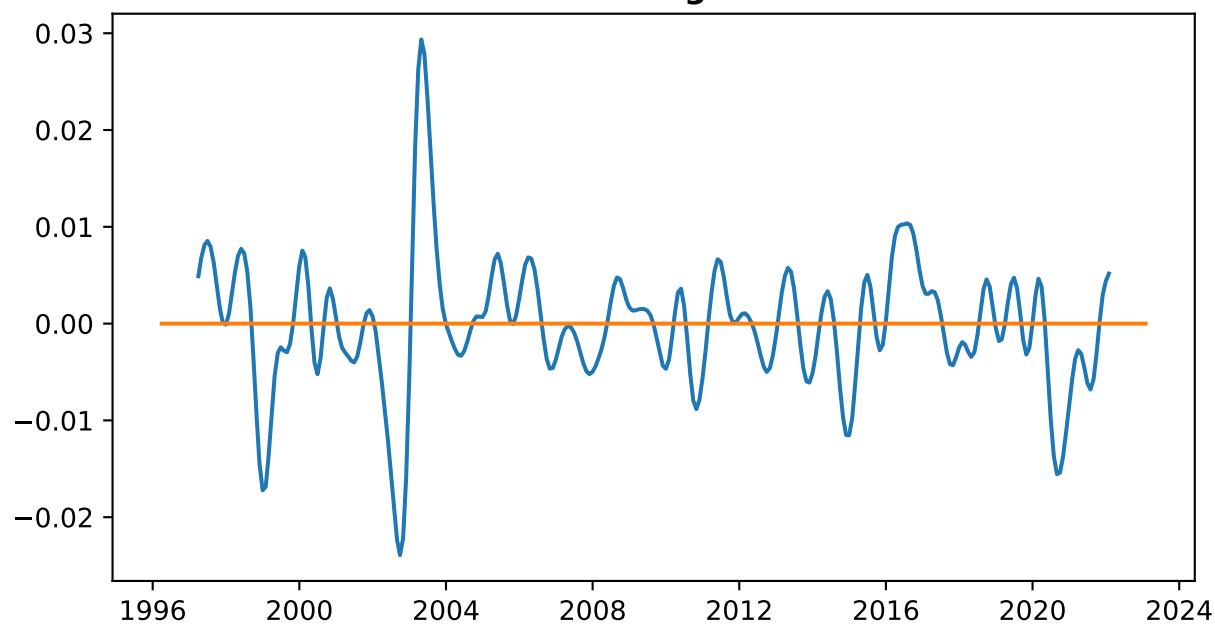
## Linear Filter



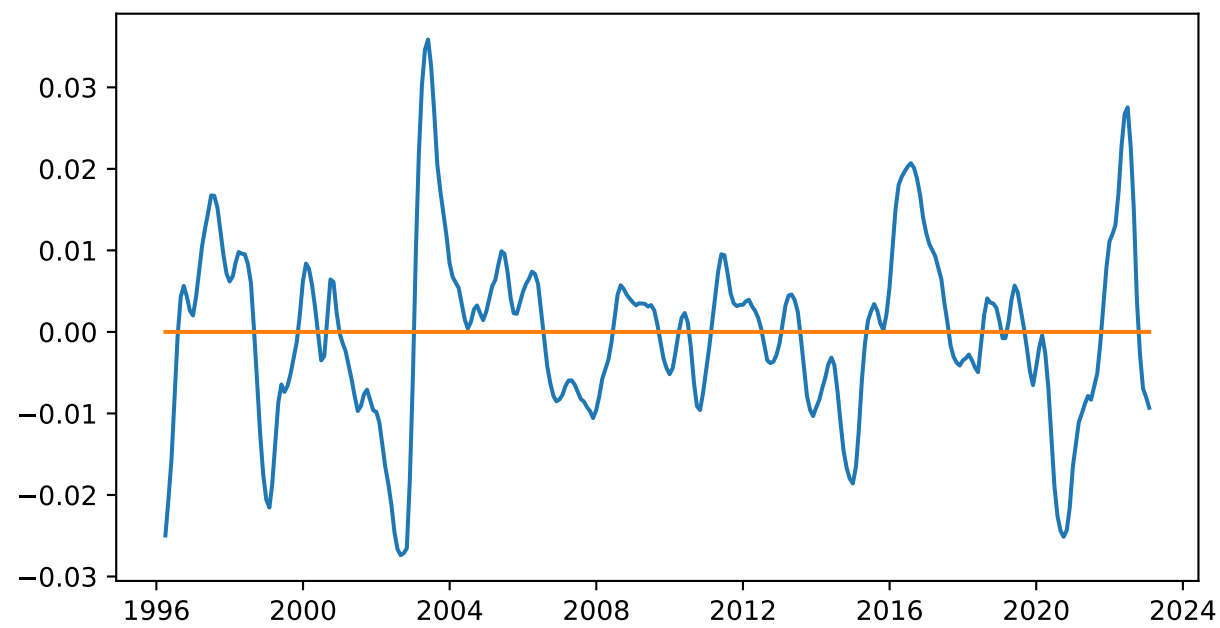
## Quadratic Filter



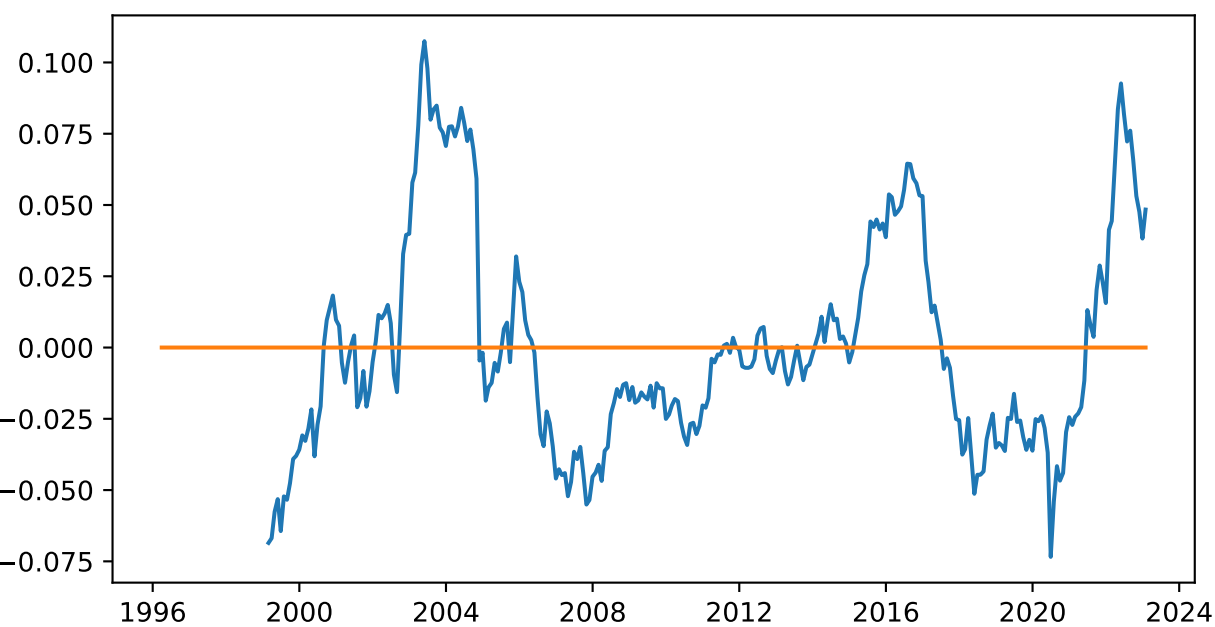
## Baxter-King Filter



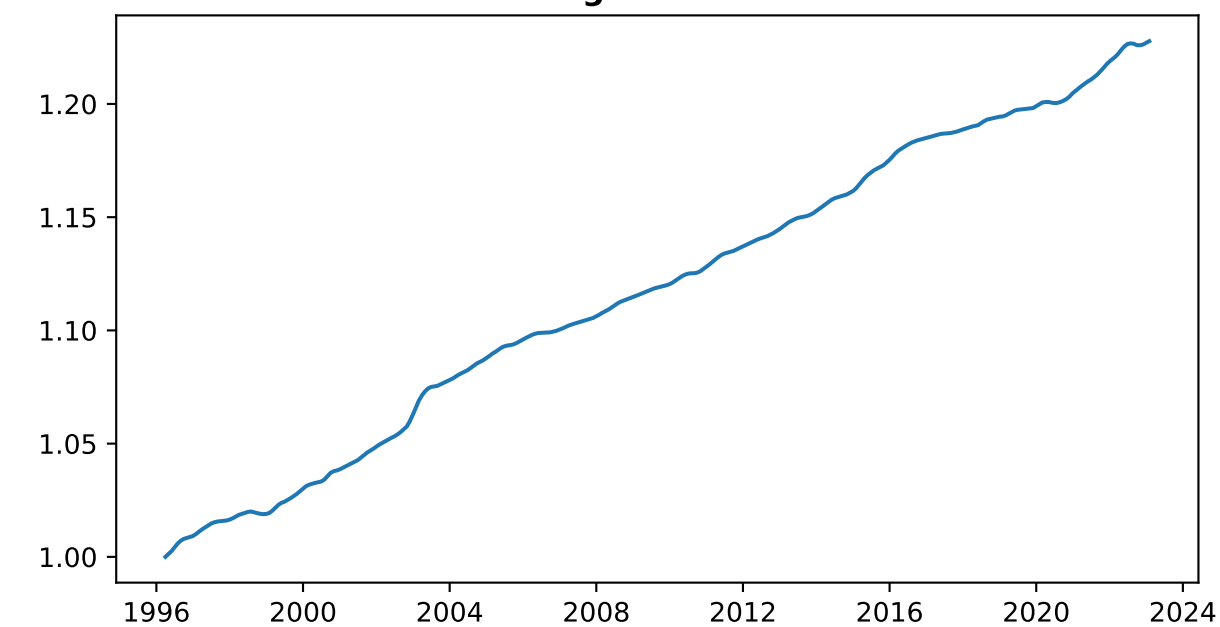
## Hodrick-Prescott Filter



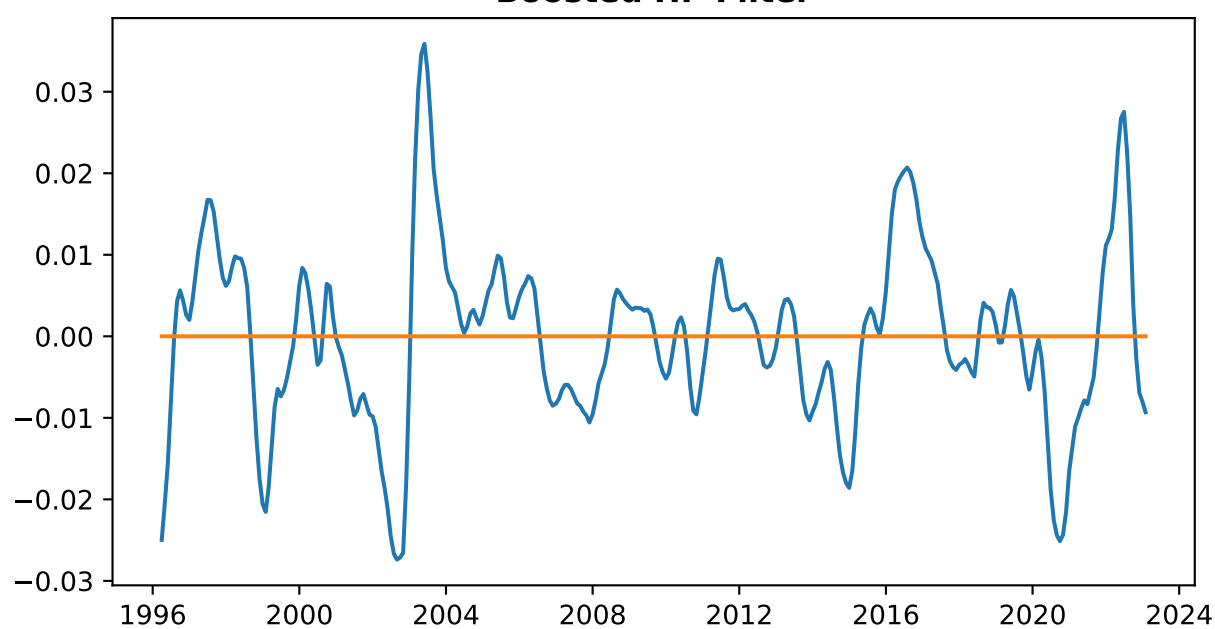
## Hamilton Filter



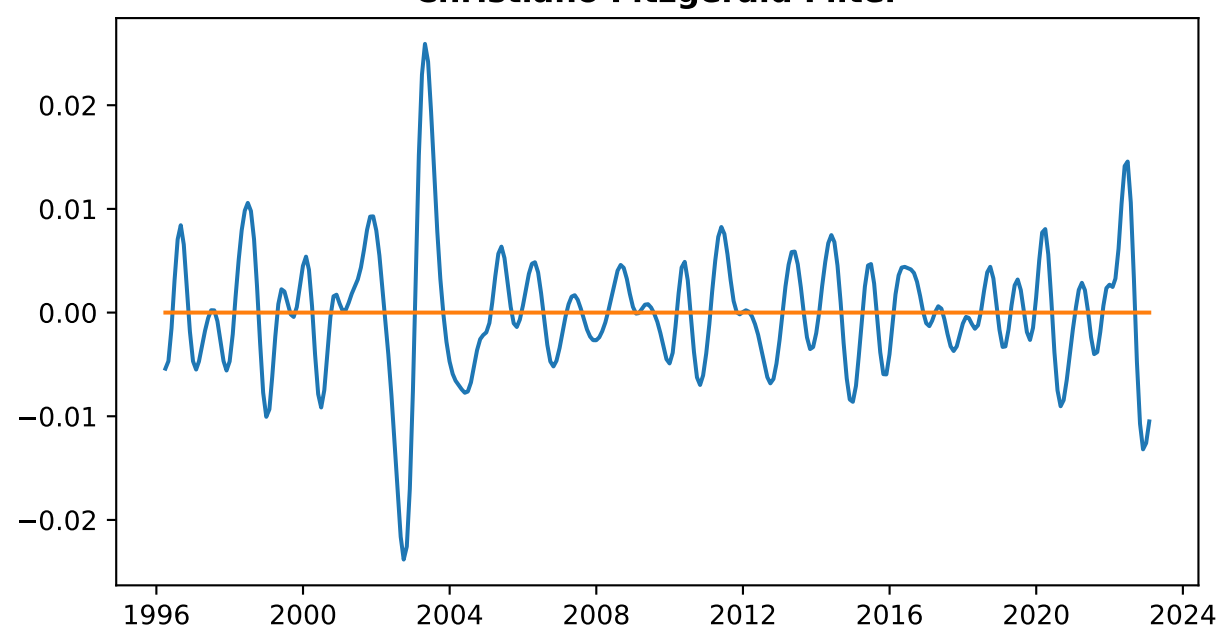
## log.Variable



## Boosted HP Filter

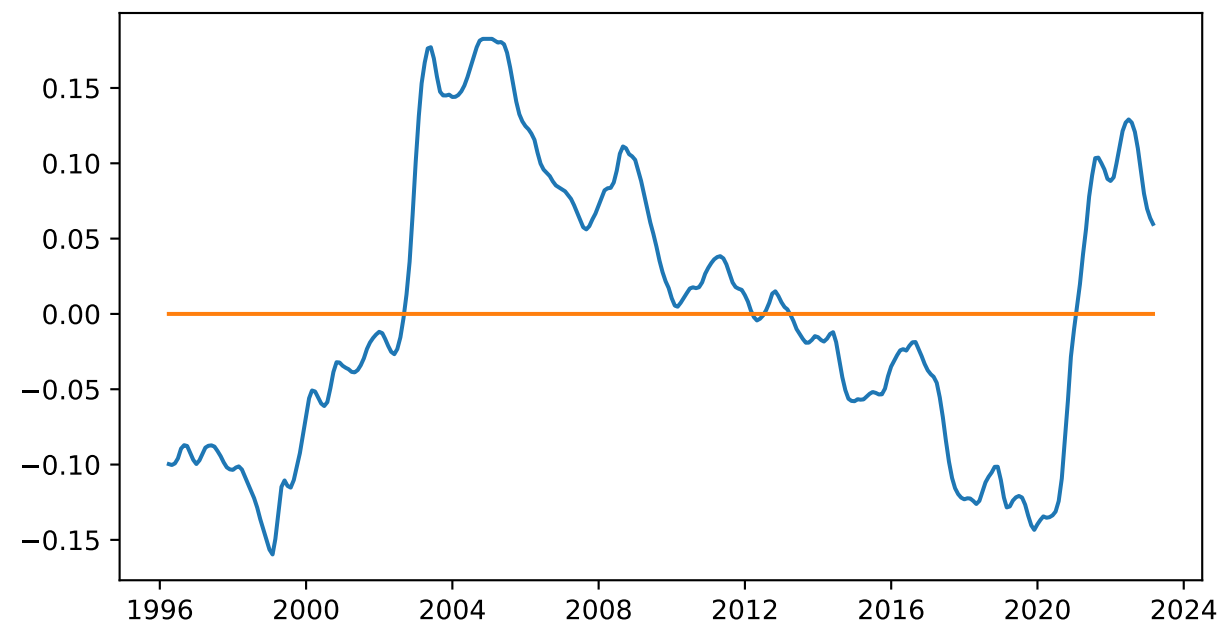


## Christiano Fitzgerald Filter

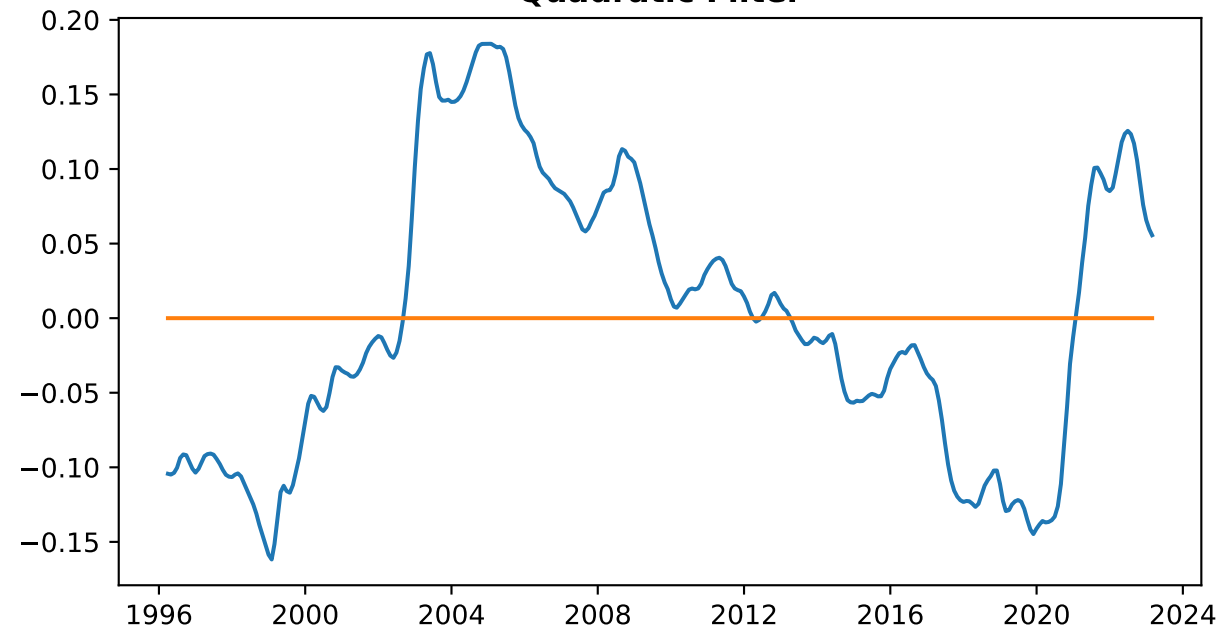


# Comparing FGV Brazil General Prices IGP-M

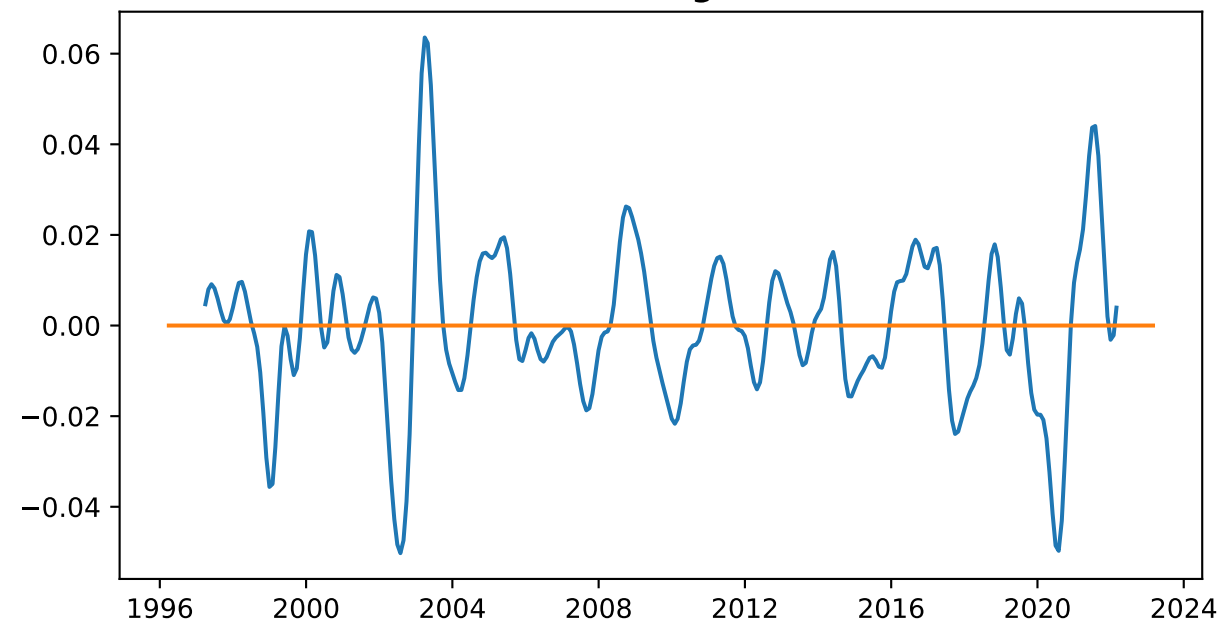
## Linear Filter



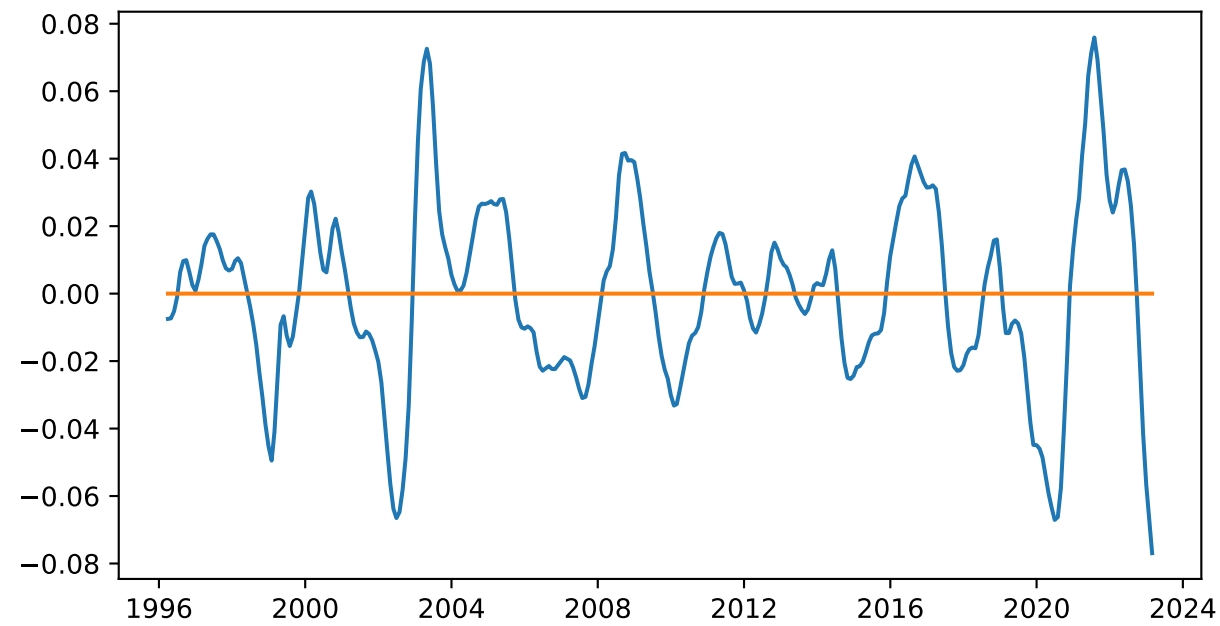
## Quadratic Filter



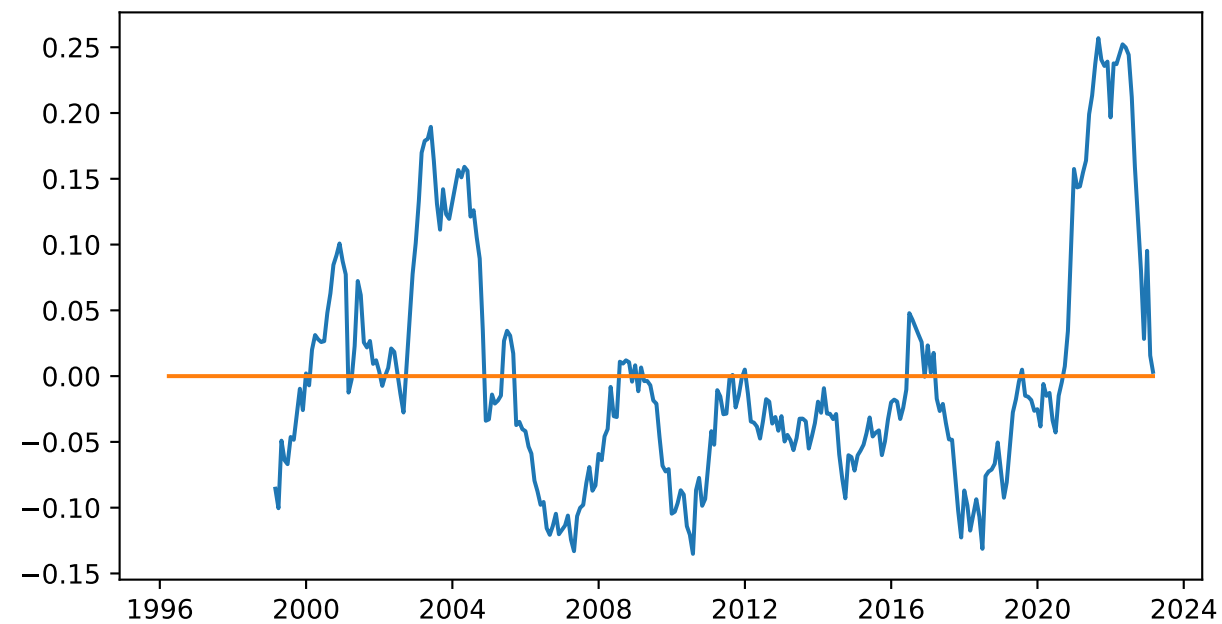
## Baxter-King Filter



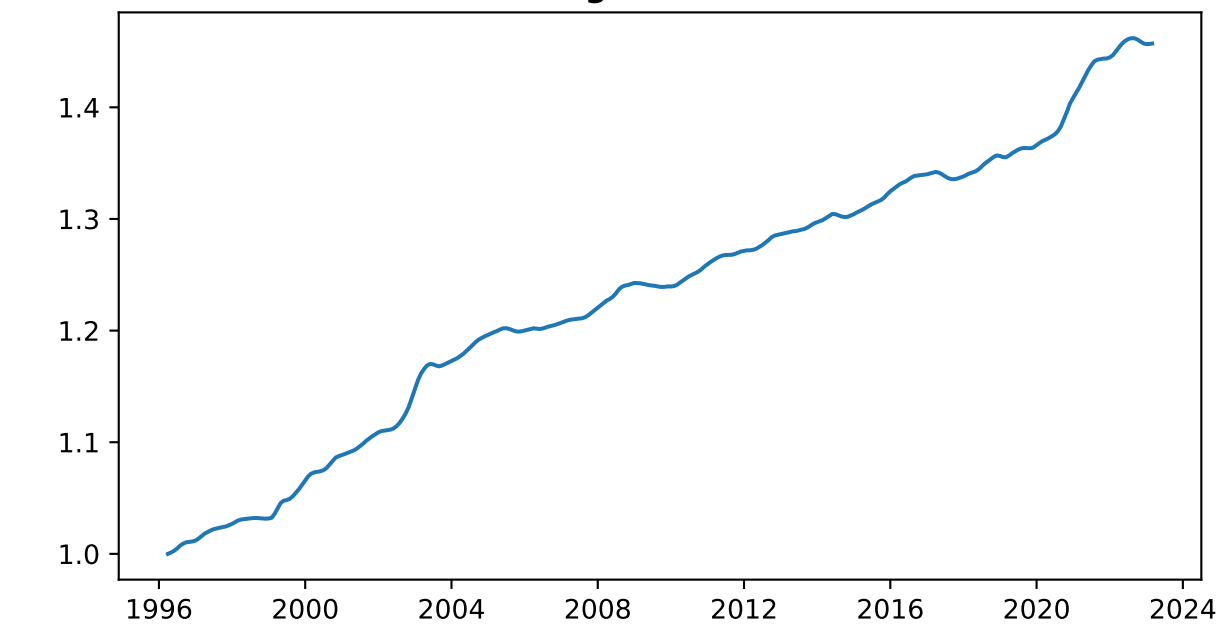
## Hodrick-Prescott Filter



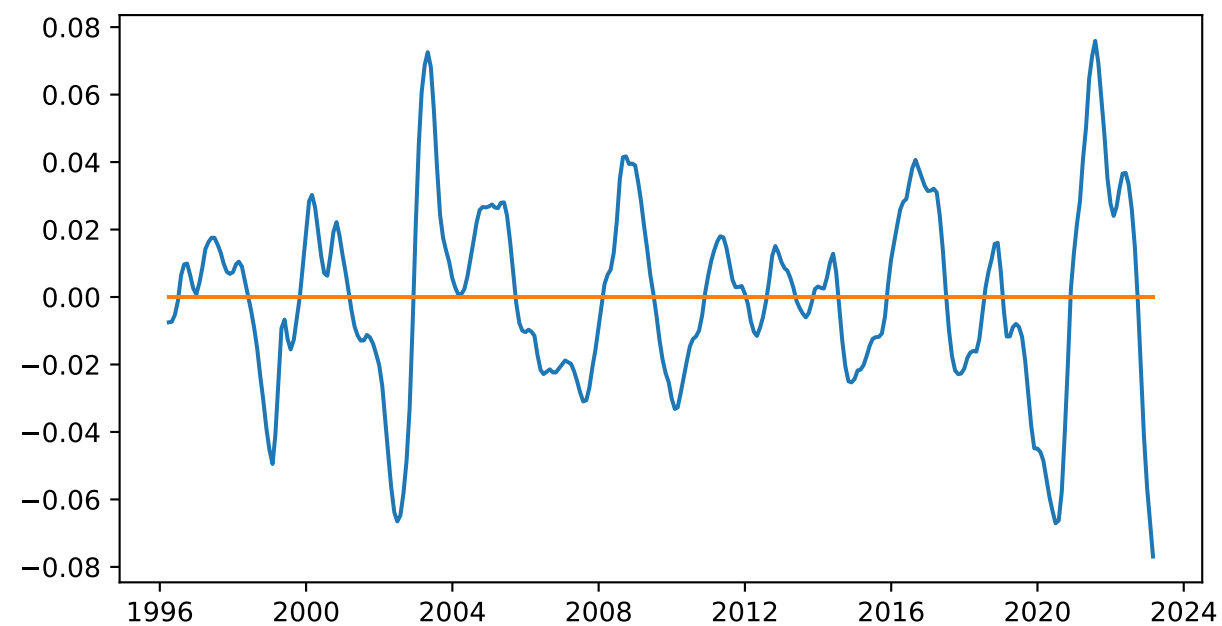
## Hamilton Filter



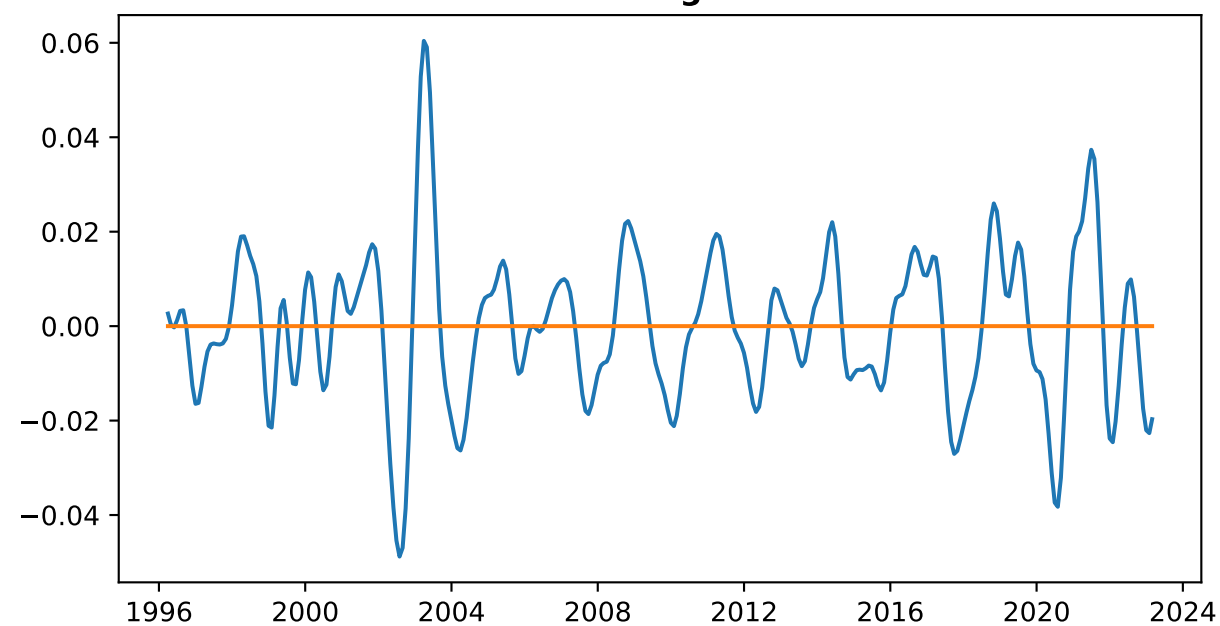
## log.Variable



## Boosted HP Filter



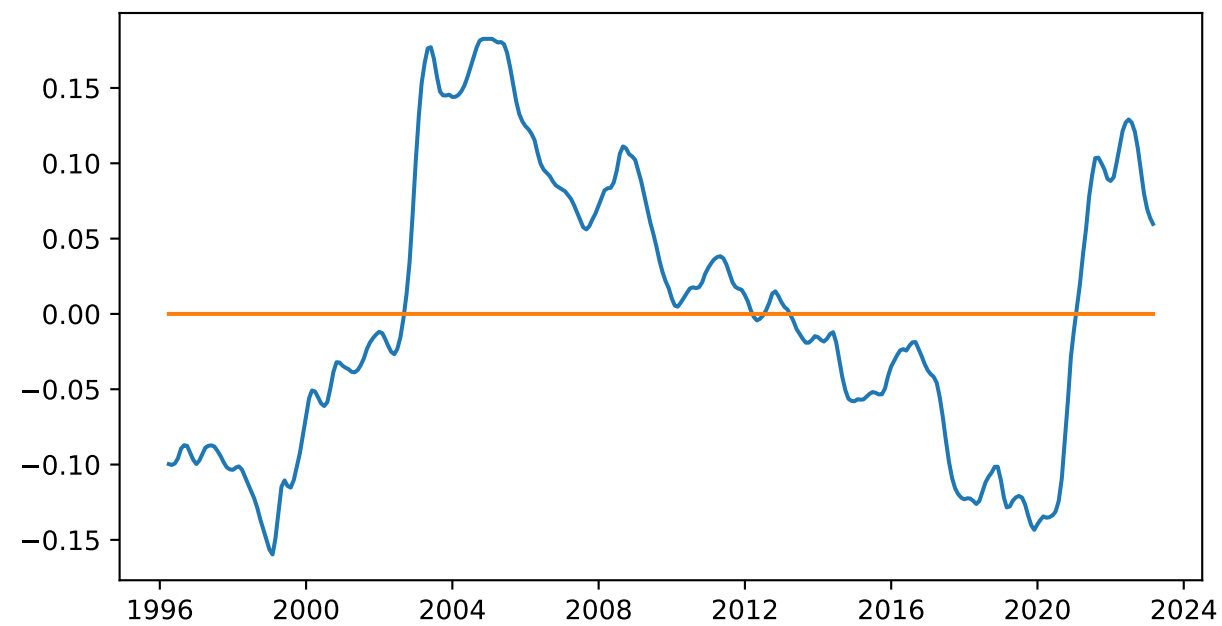
## Christiano Fitzgerald Filter



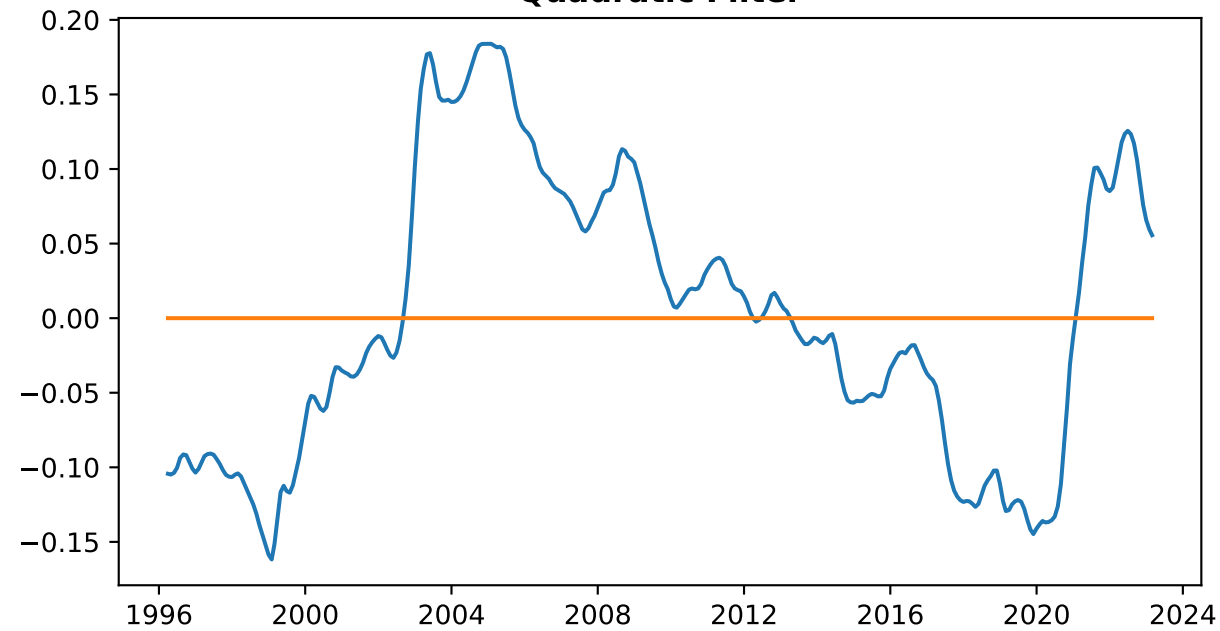


# Comparing FGV Brazil General Prices IGP-M

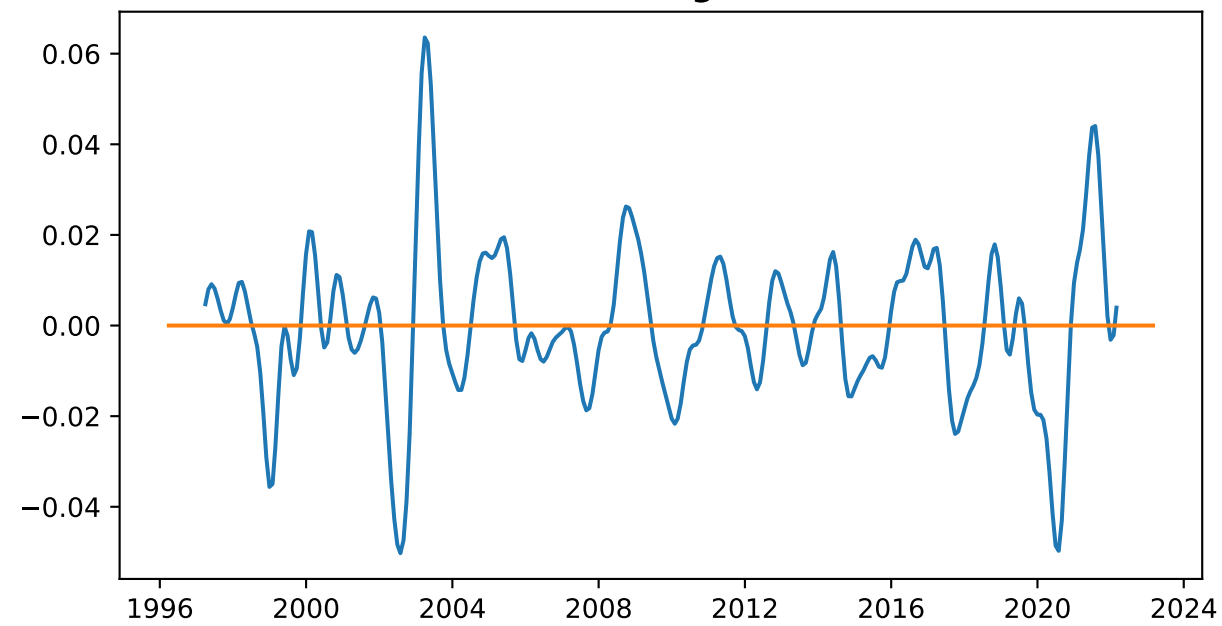
## Linear Filter



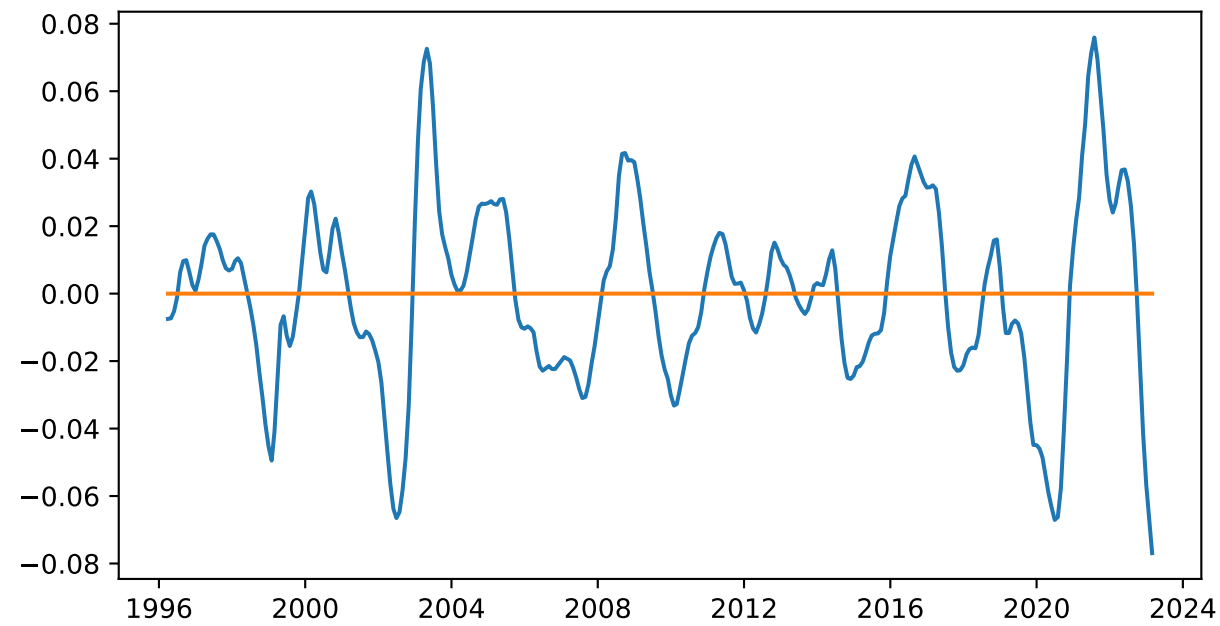
## Quadratic Filter



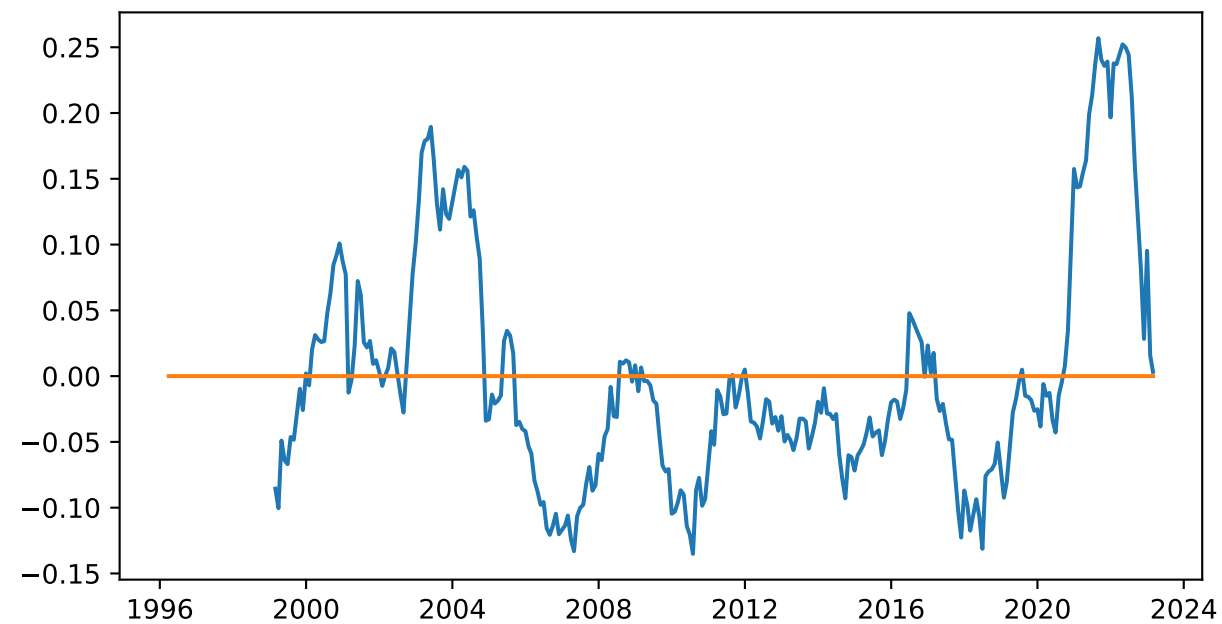
## Baxter-King Filter



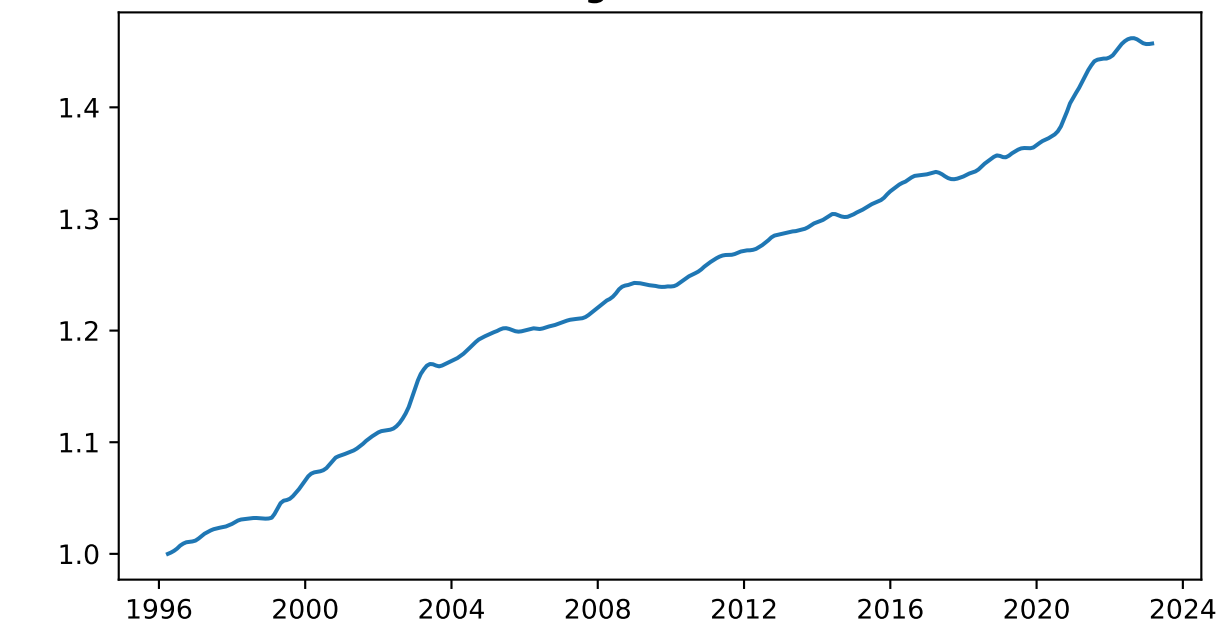
## Hodrick-Prescott Filter



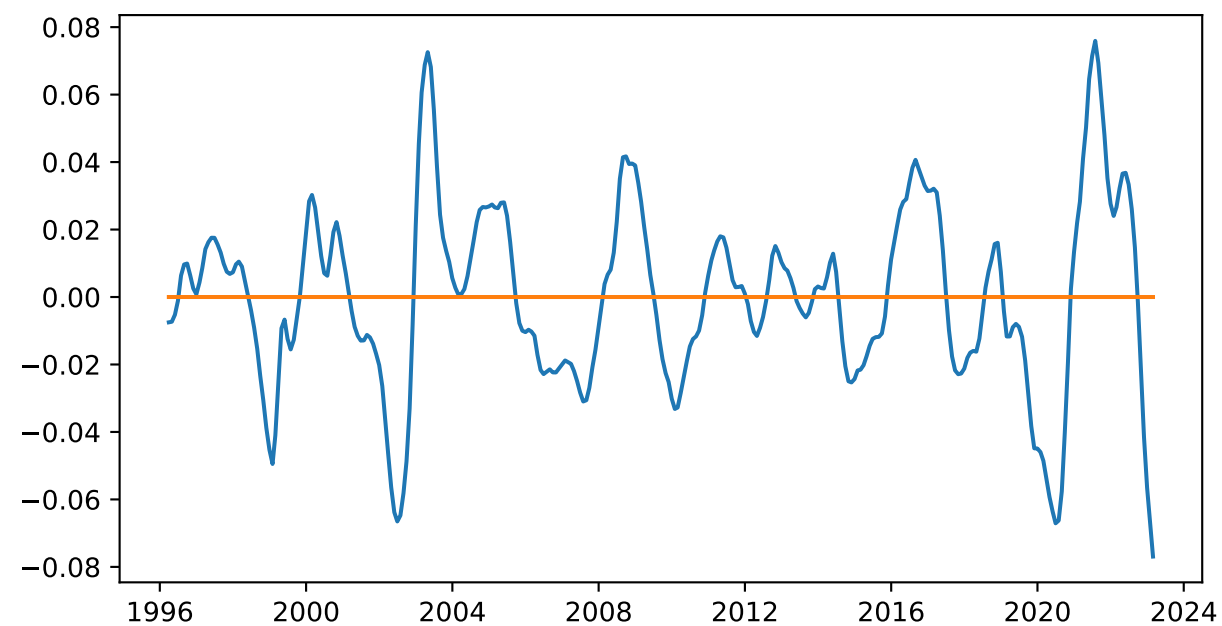
## Hamilton Filter



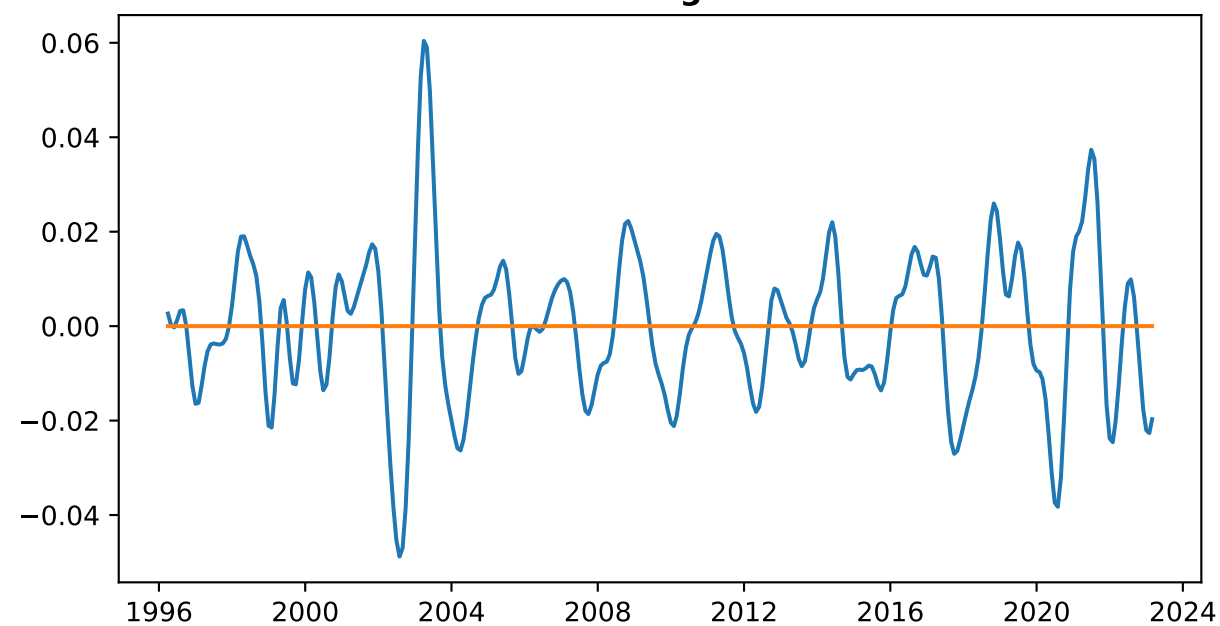
## log.Variable



## Boosted HP Filter



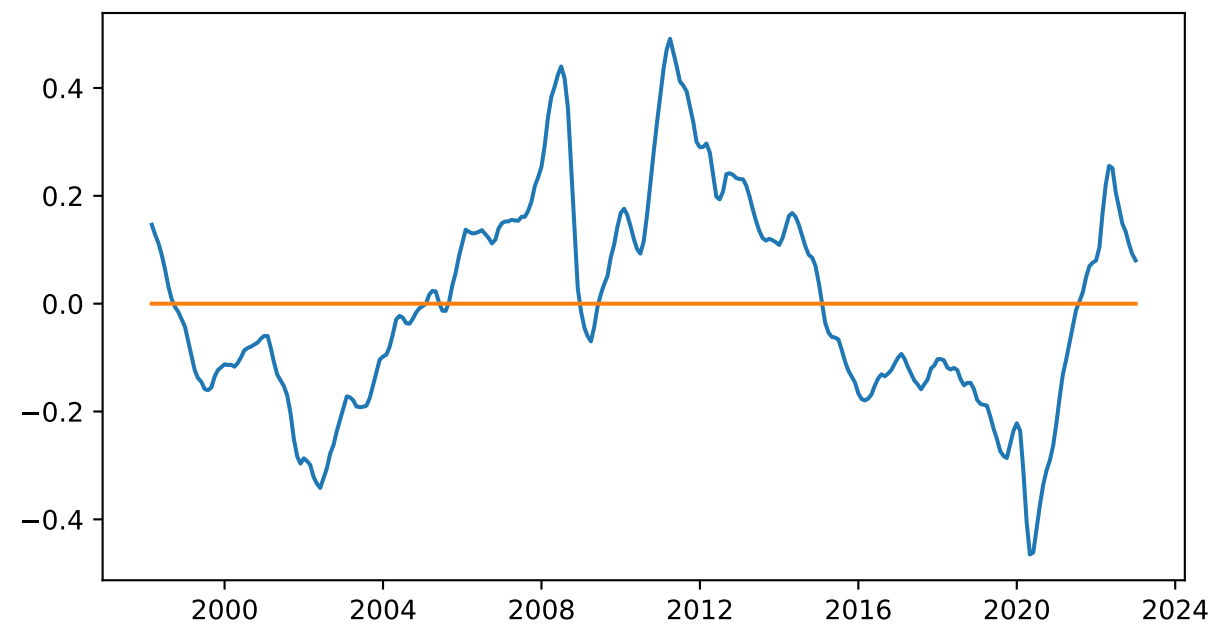
## Christiano Fitzgerald Filter



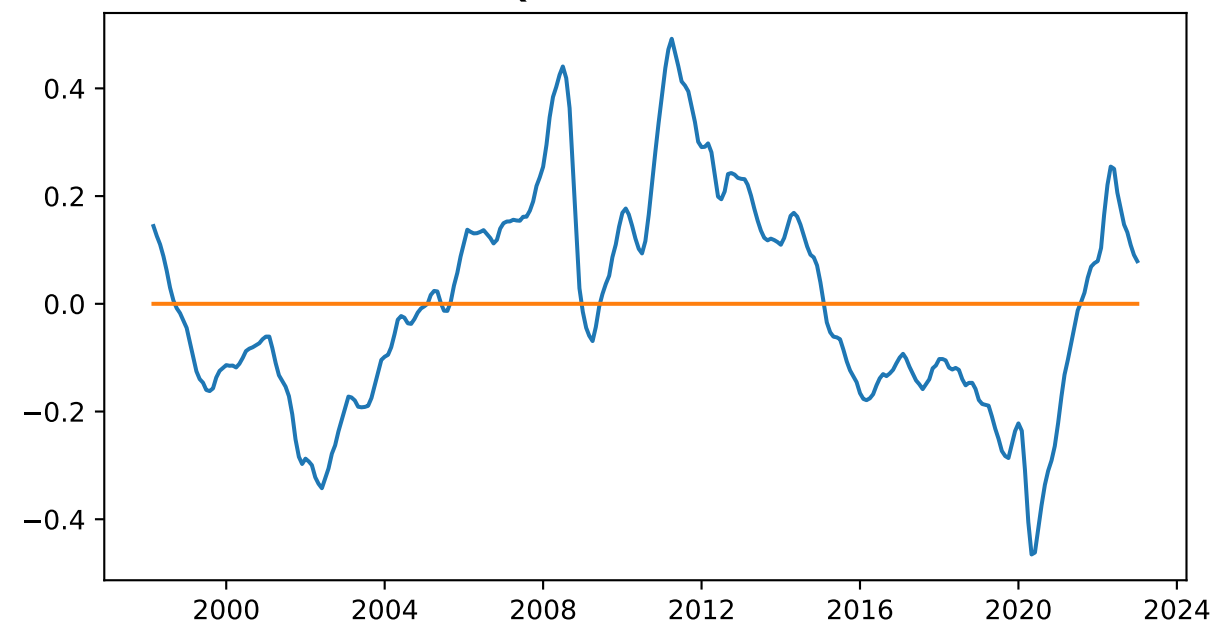


# Comparing Commodities Index

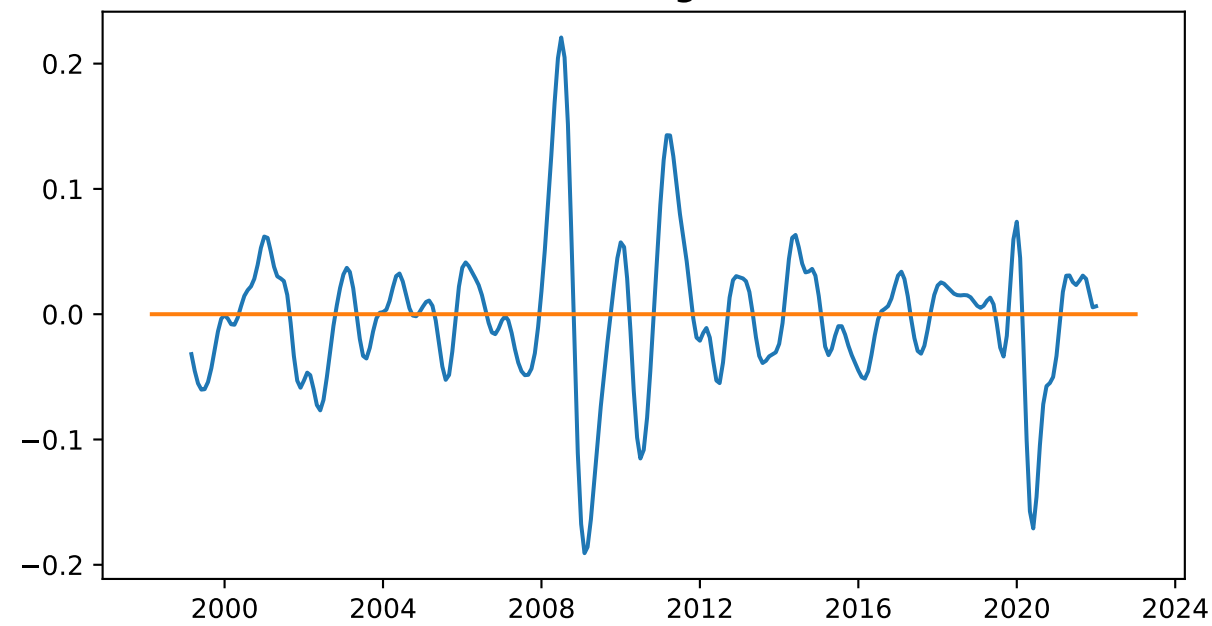
## Linear Filter



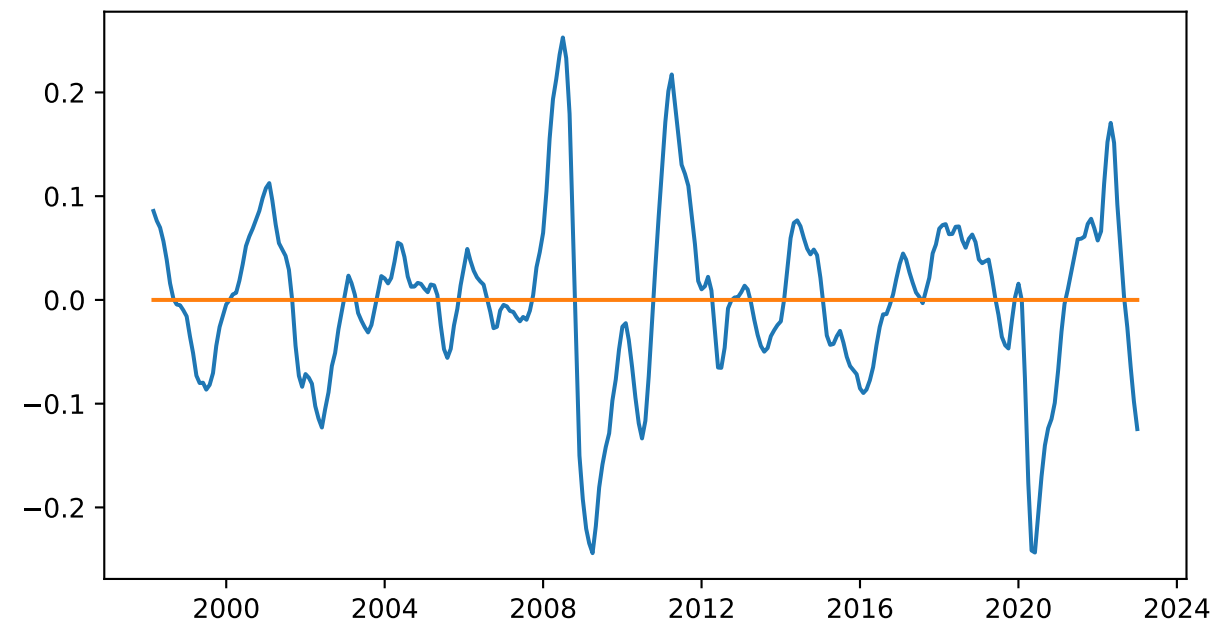
## Quadratic Filter



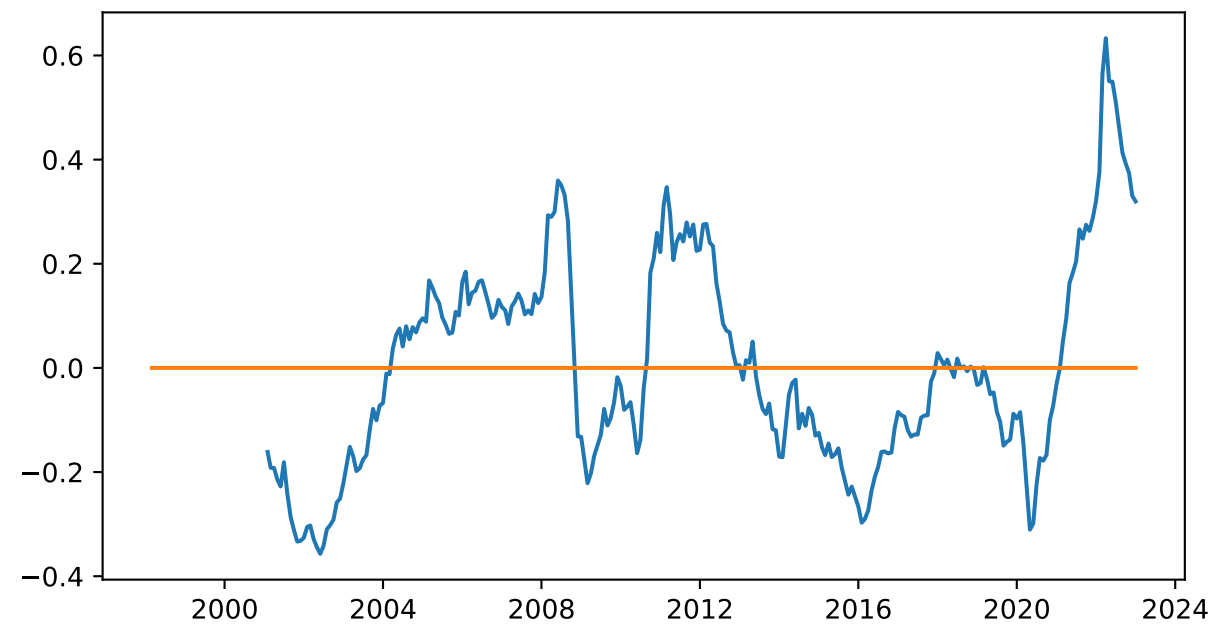
## Baxter-King Filter



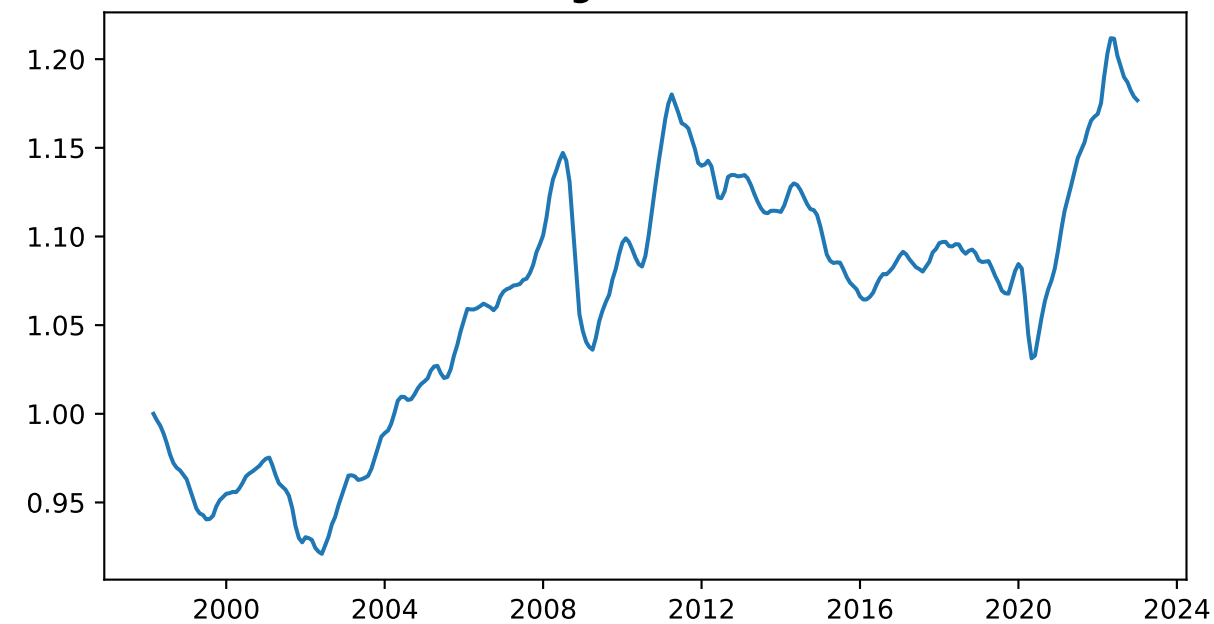
## Hodrick-Prescott Filter



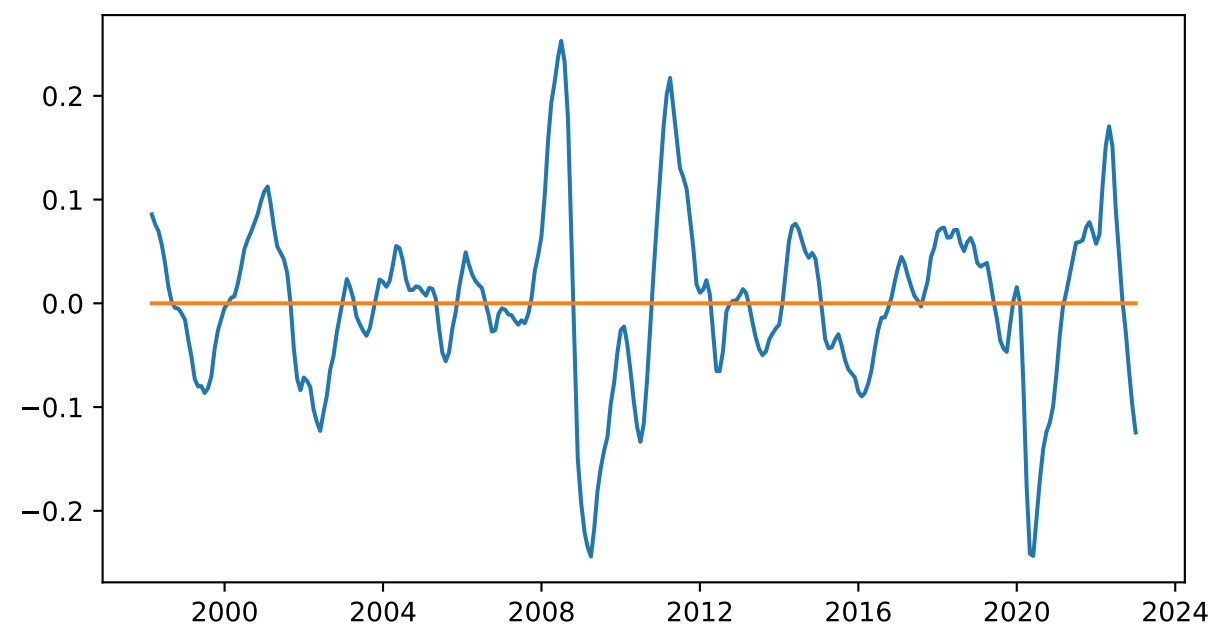
## Hamilton Filter



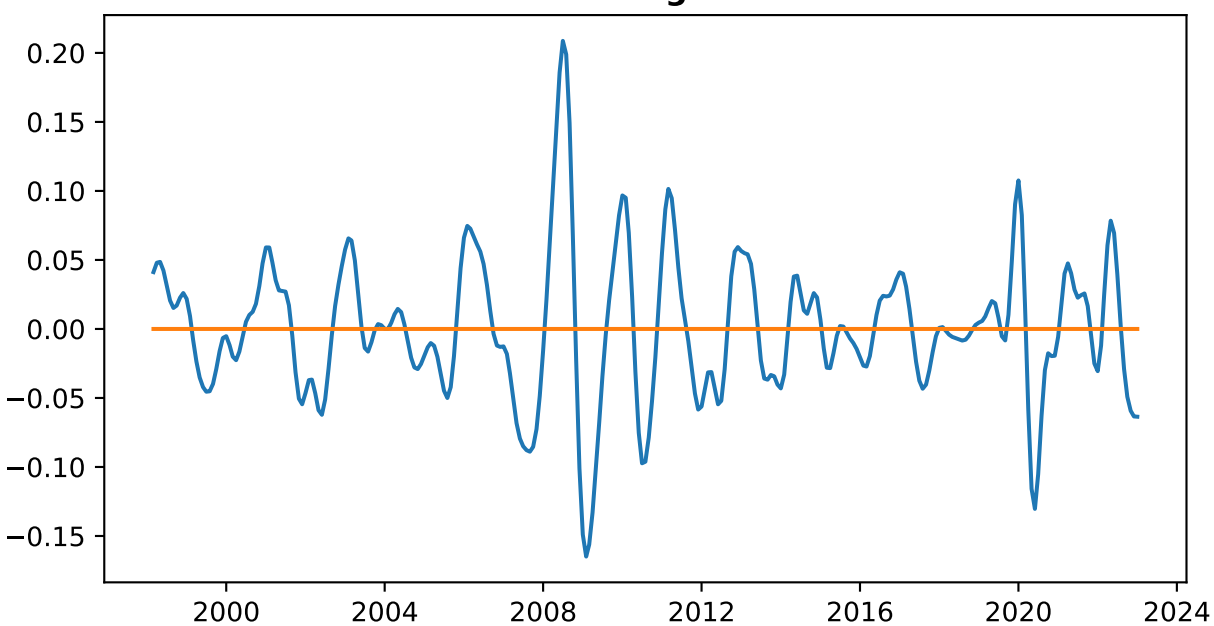
## log.Variable



## Boosted HP Filter

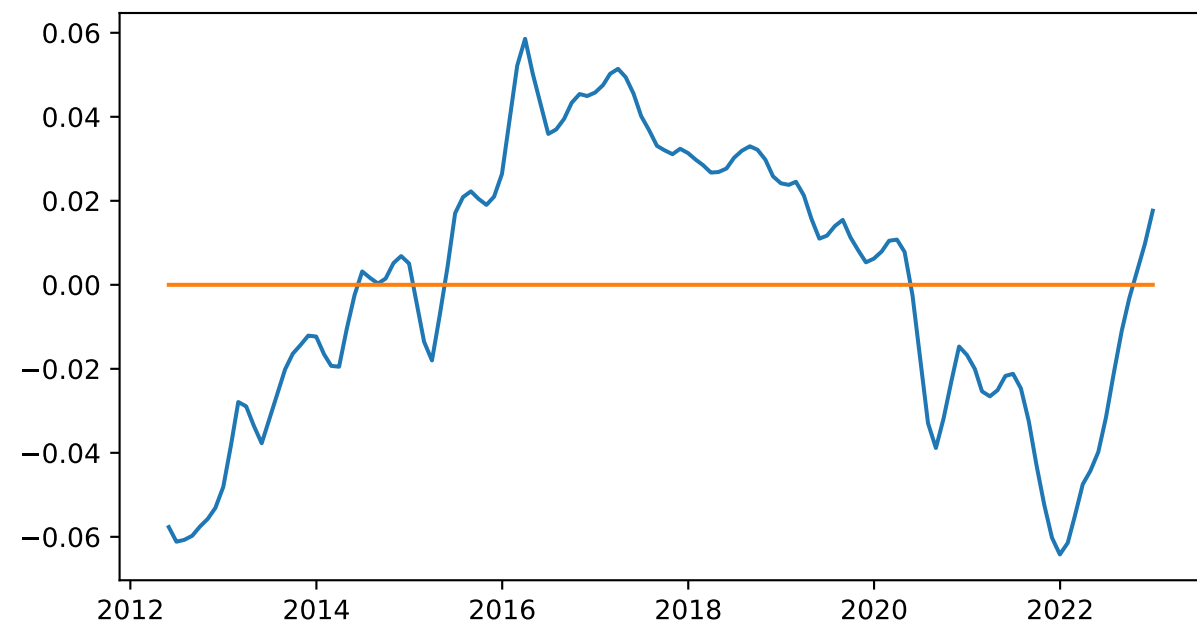


## Christiano Fitzgerald Filter

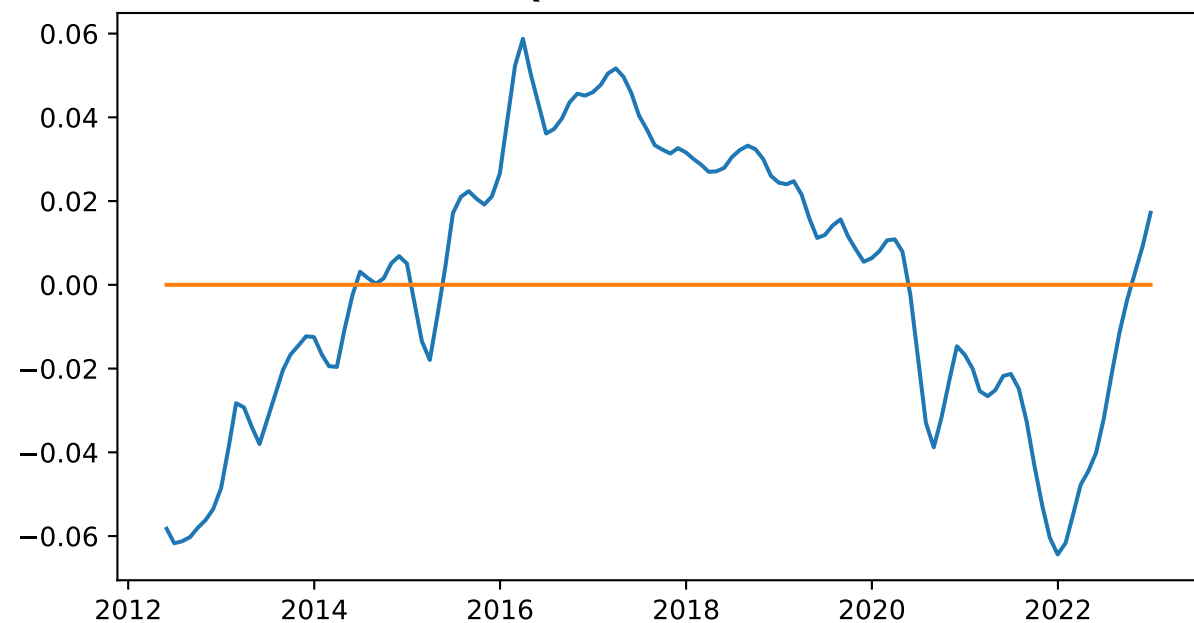


# Comparing Brazil Average Nominal Income All Jobs Actually Earned

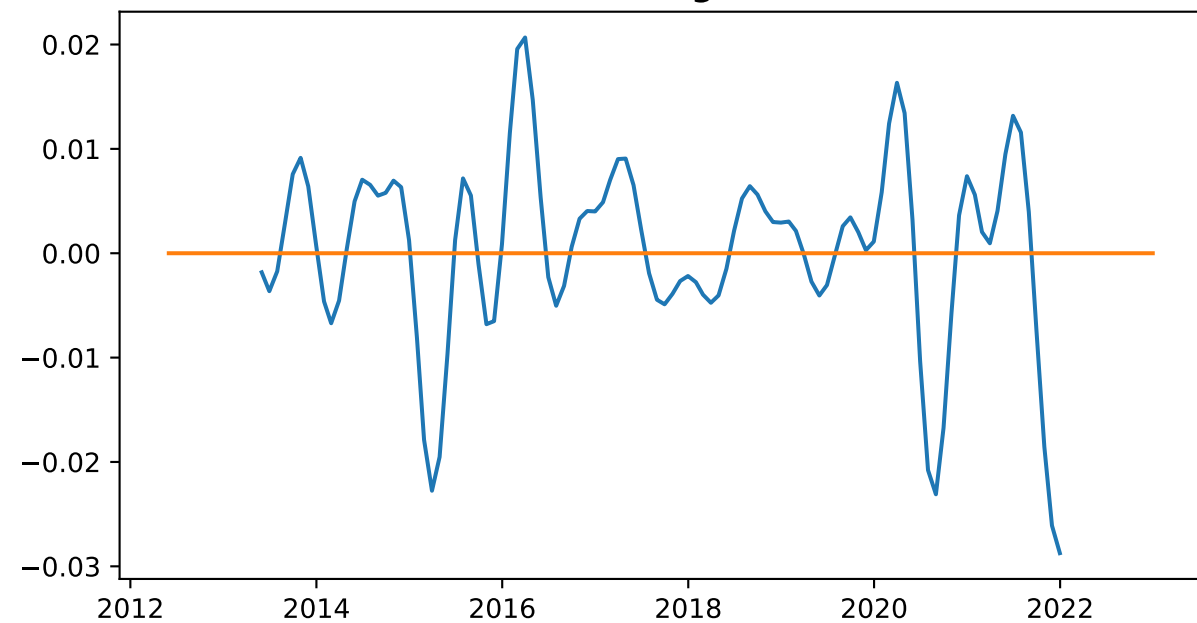
## Linear Filter



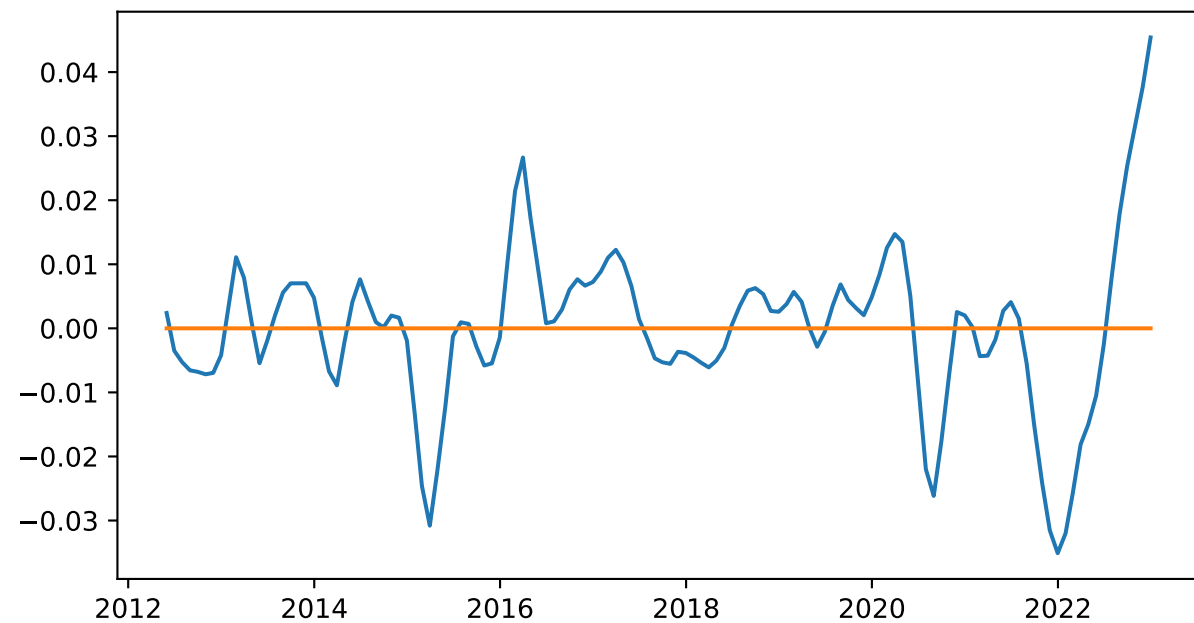
## Quadratic Filter



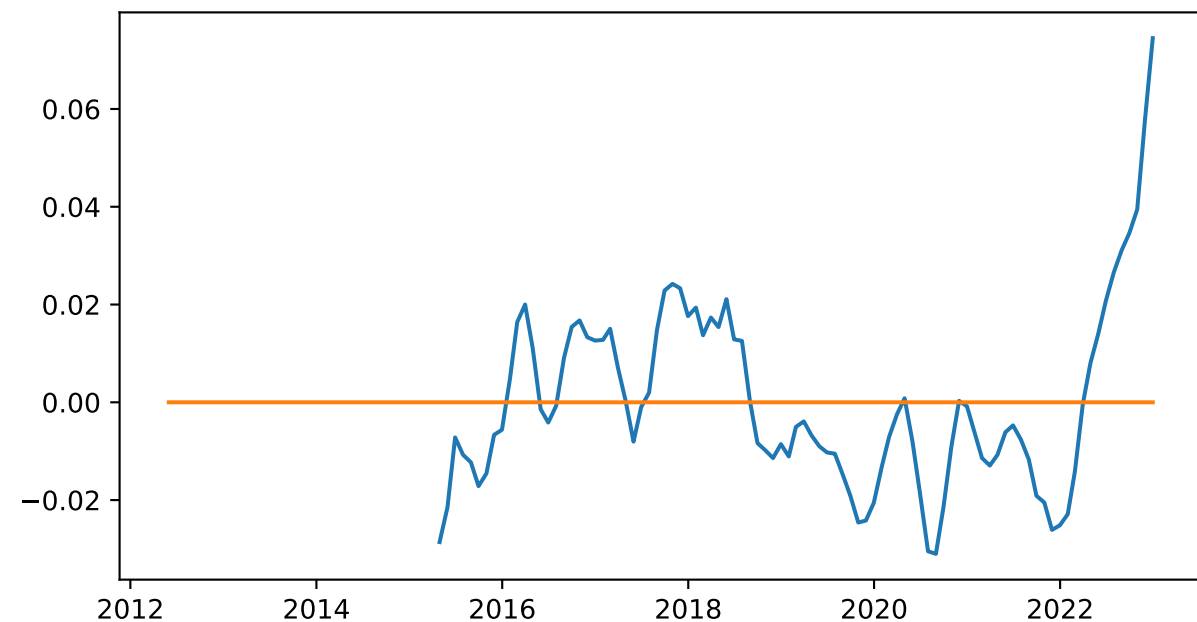
## Baxter-King Filter



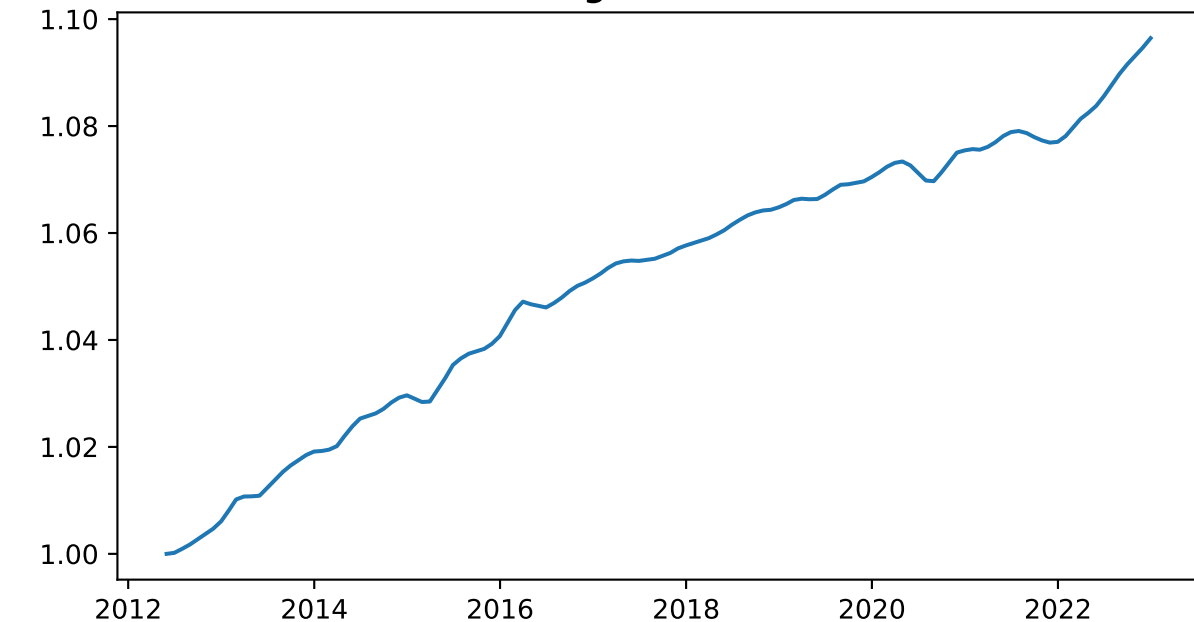
## Hodrick-Prescott Filter



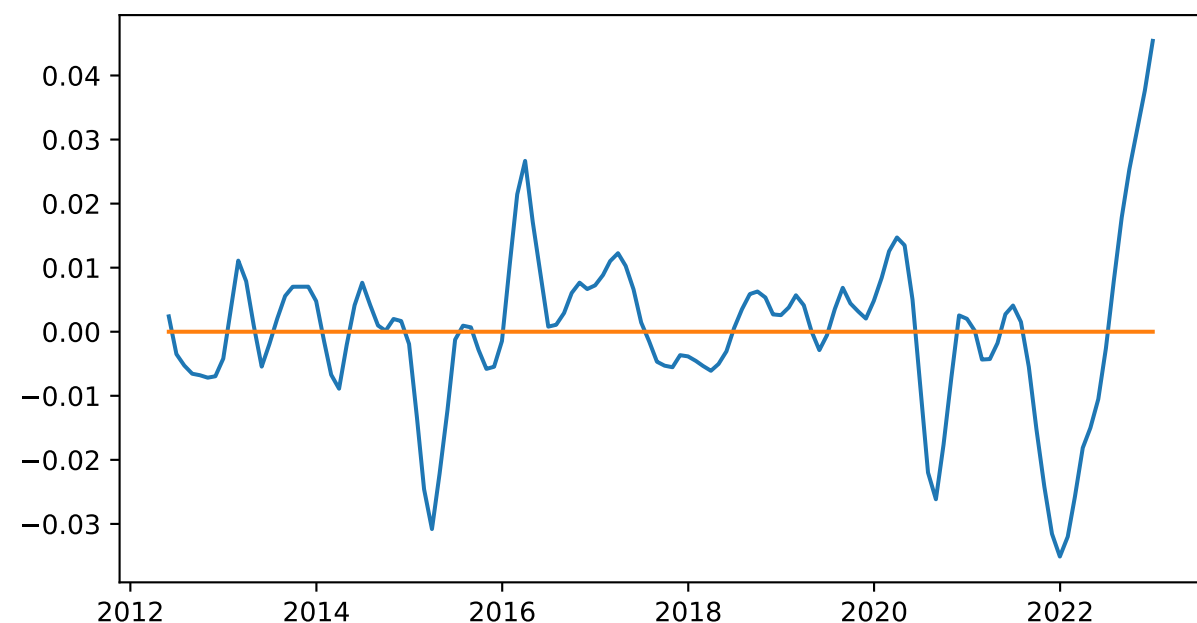
## Hamilton Filter



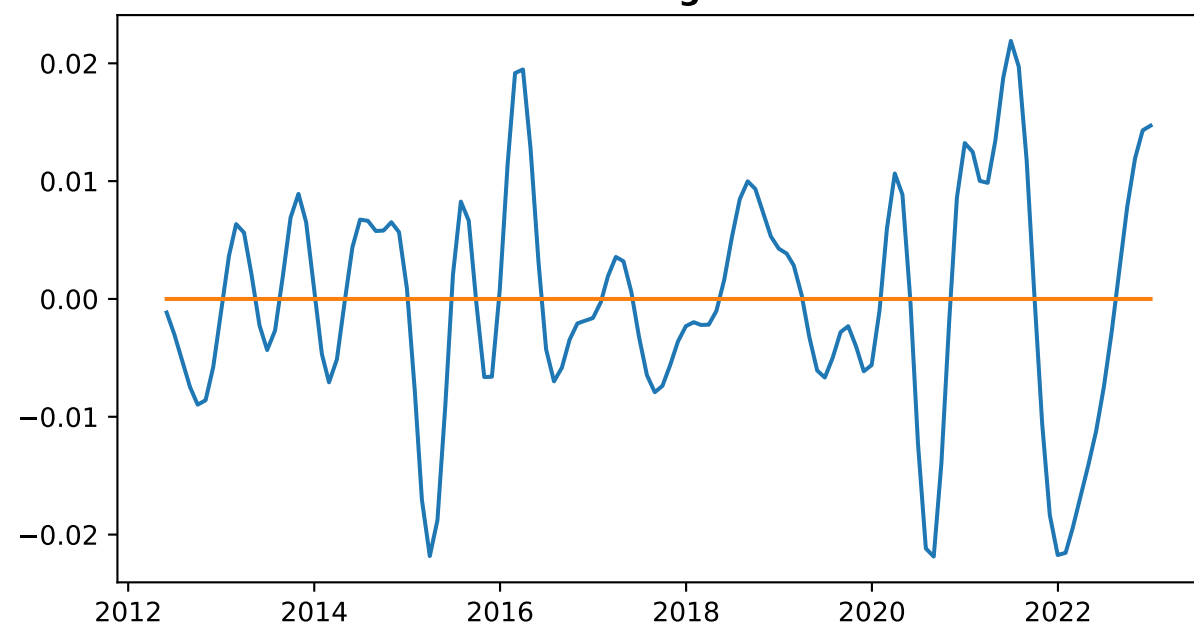
## log.Variable



## Boosted HP Filter

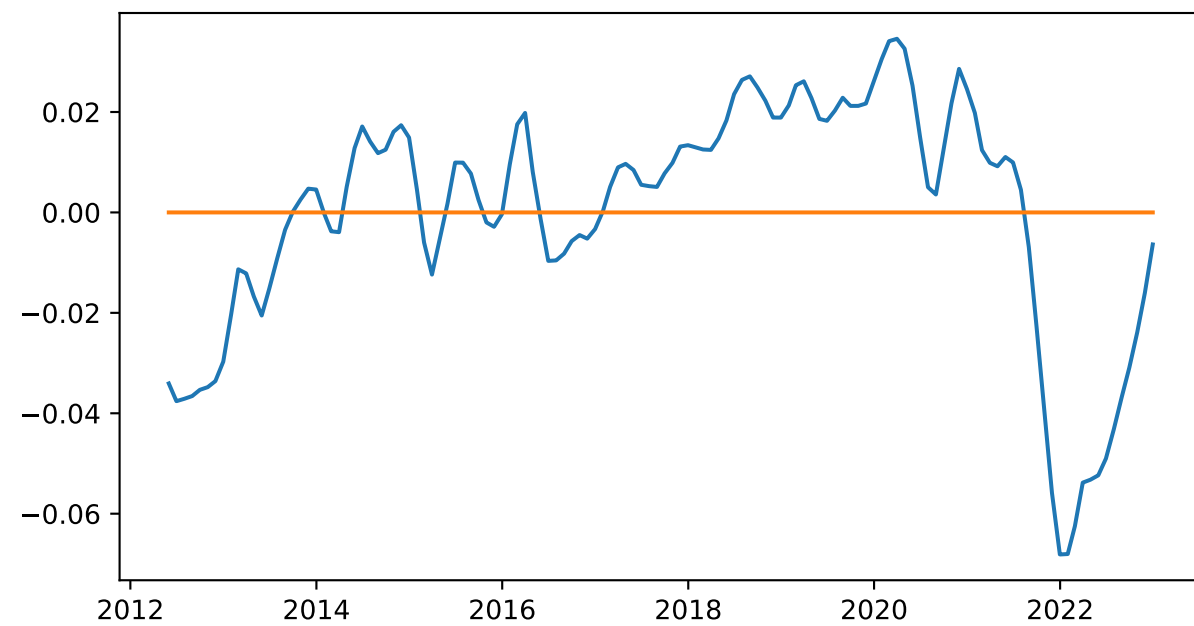


## Christiano Fitzgerald Filter

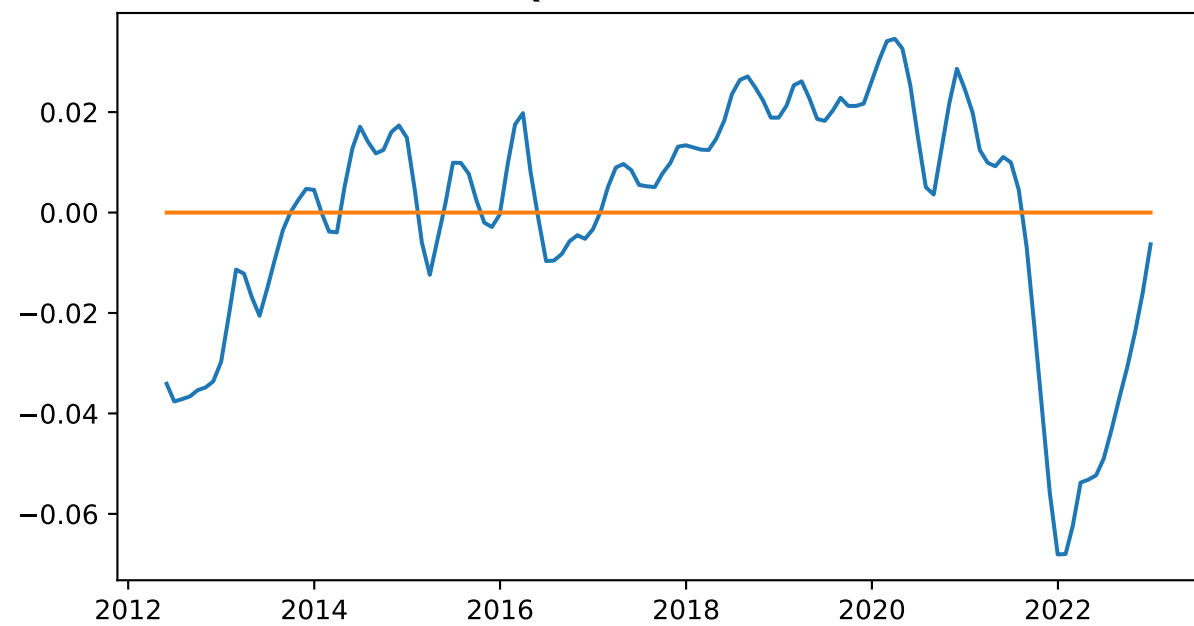


# Comparing Brazil Average Real Income All Jobs Actually Earned

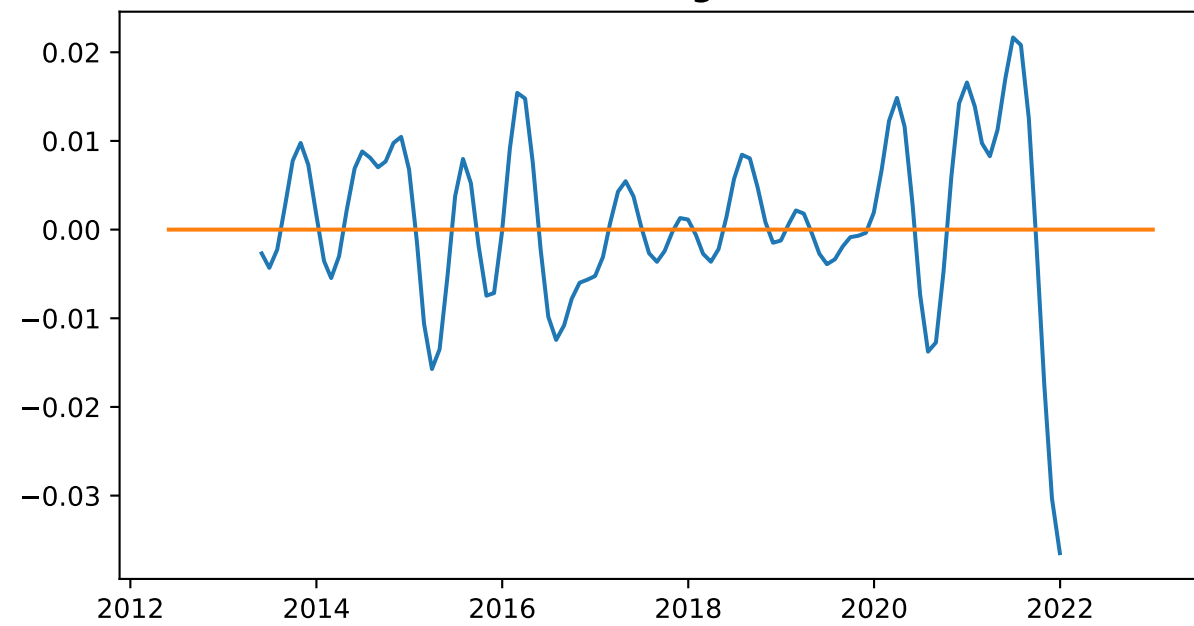
## Linear Filter



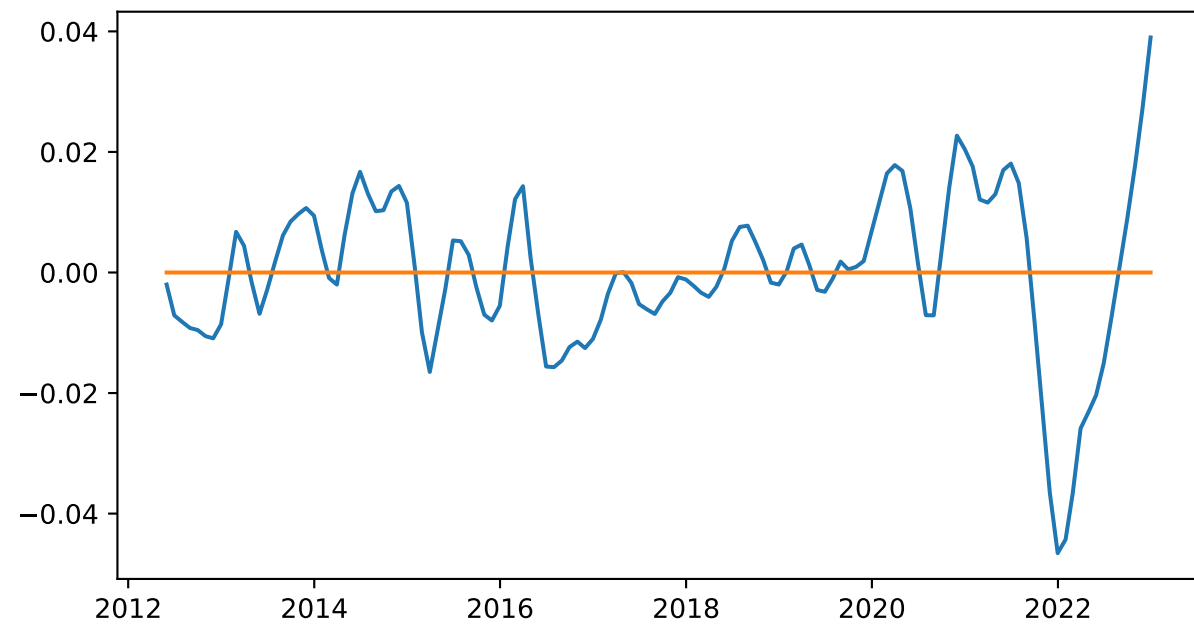
## Quadratic Filter



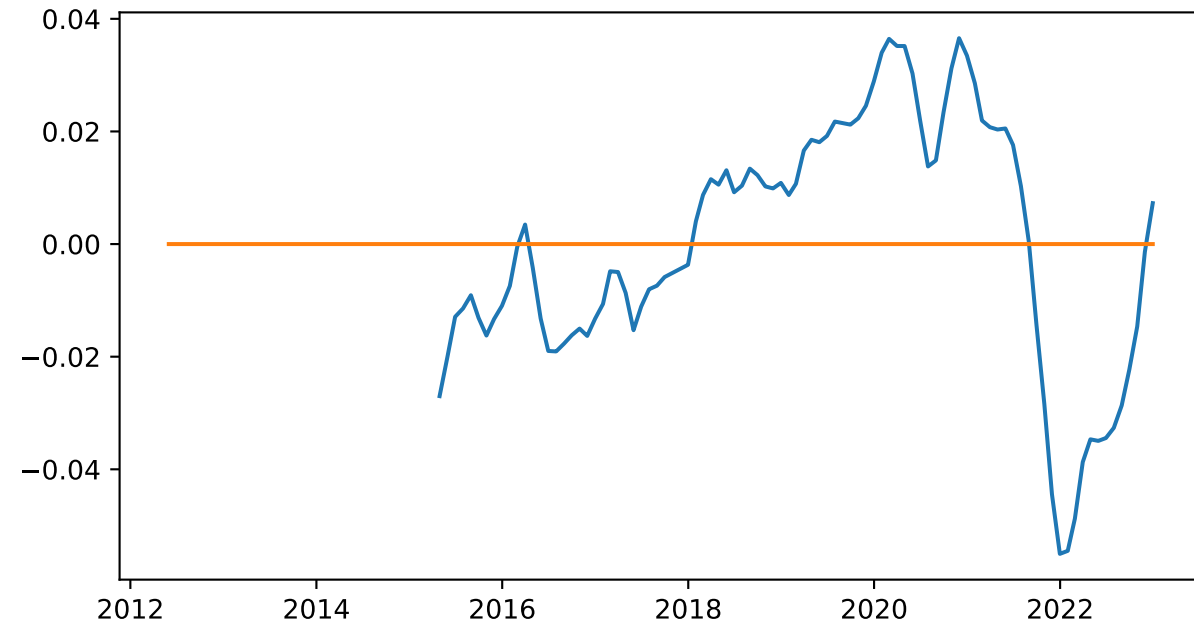
## Baxter-King Filter



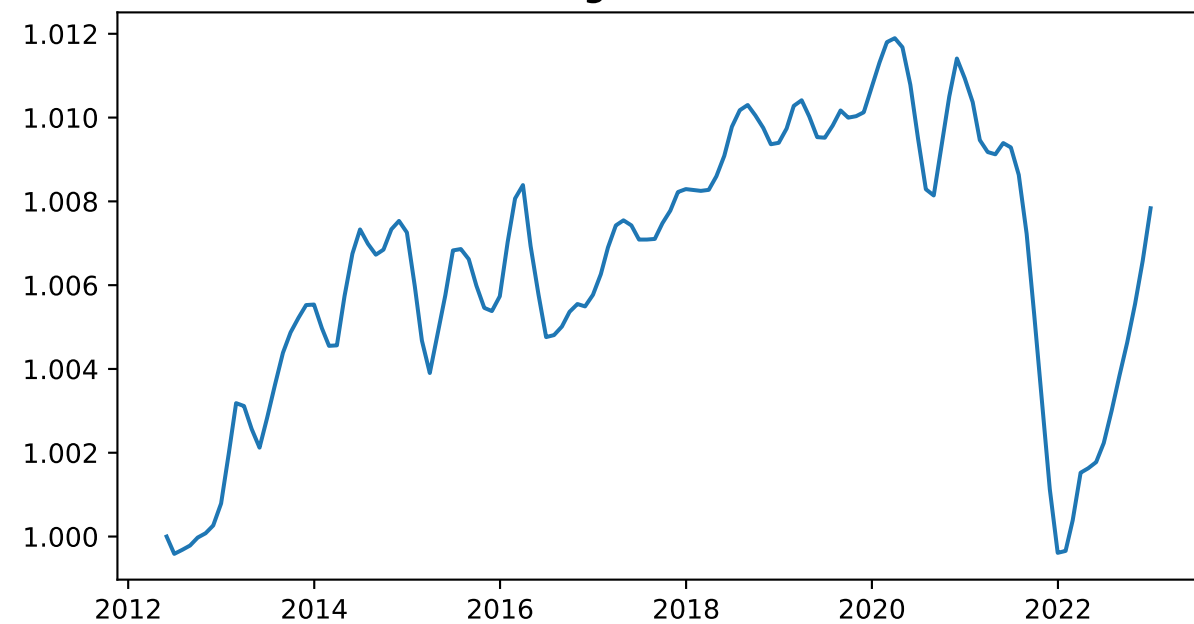
## Hodrick-Prescott Filter



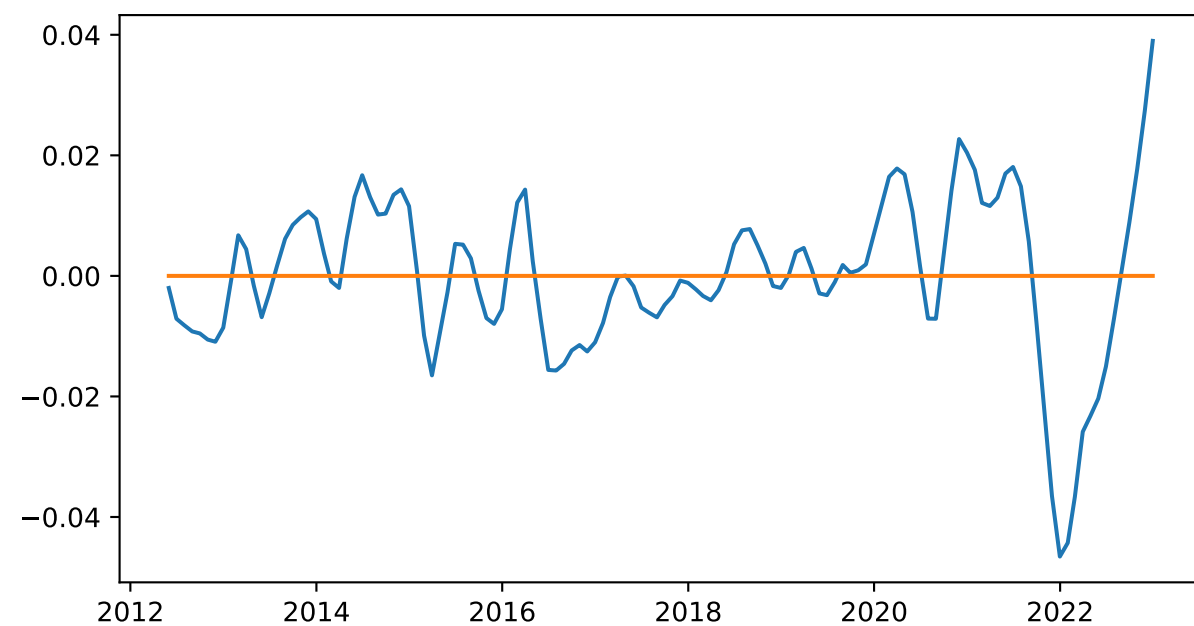
## Hamilton Filter



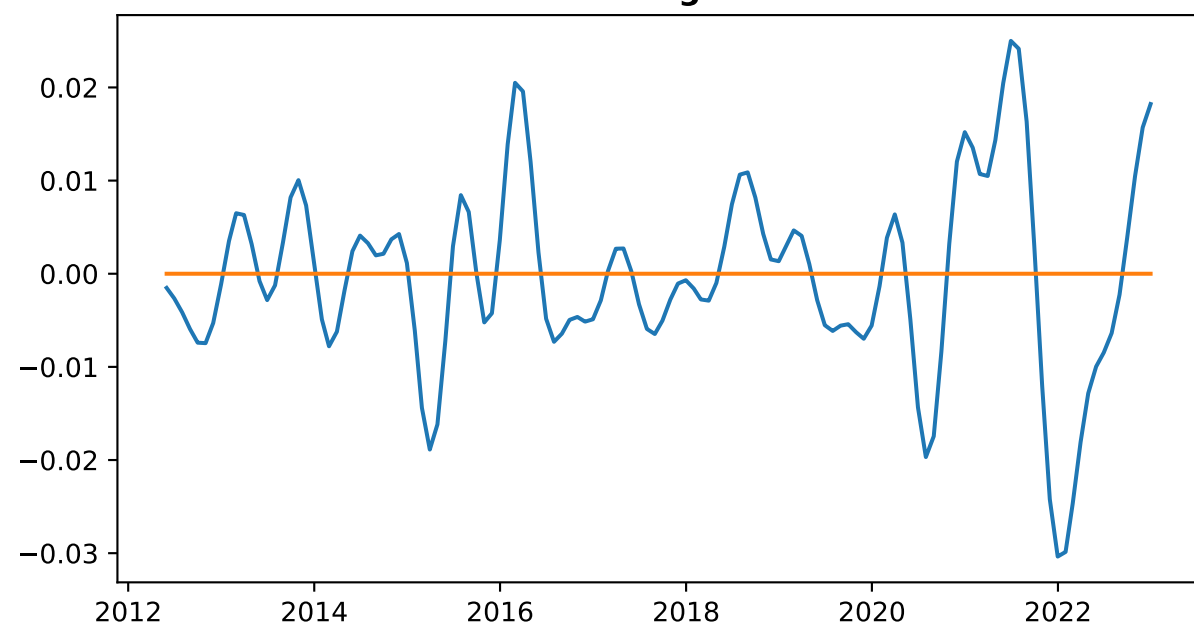
## log.Variable



## Boosted HP Filter

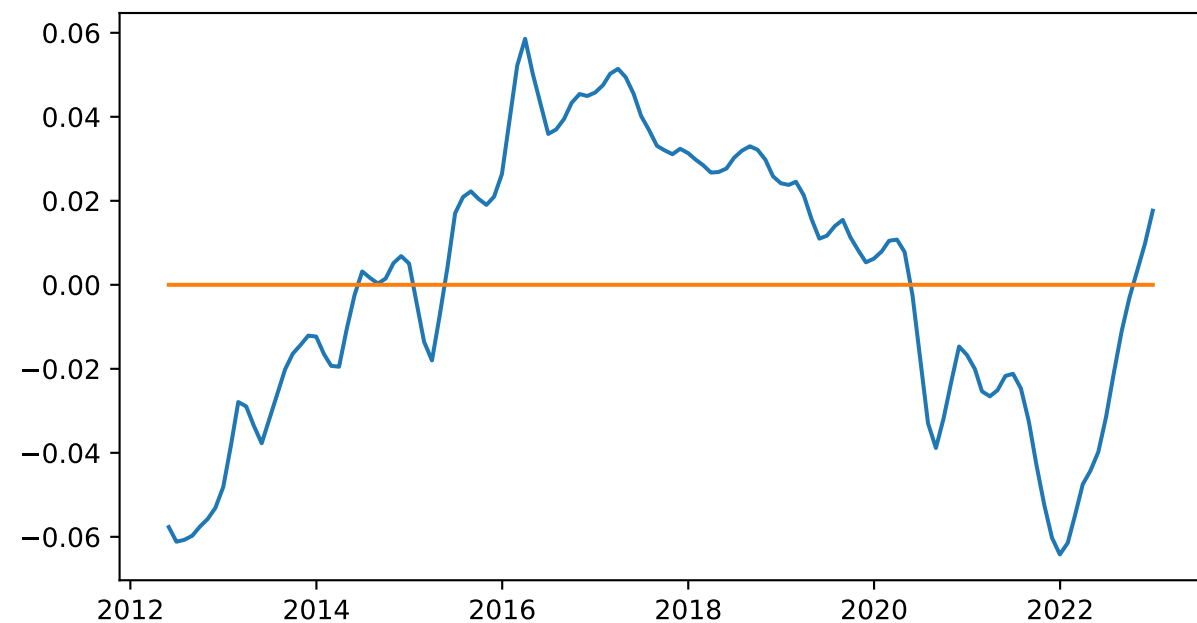


## Christiano Fitzgerald Filter

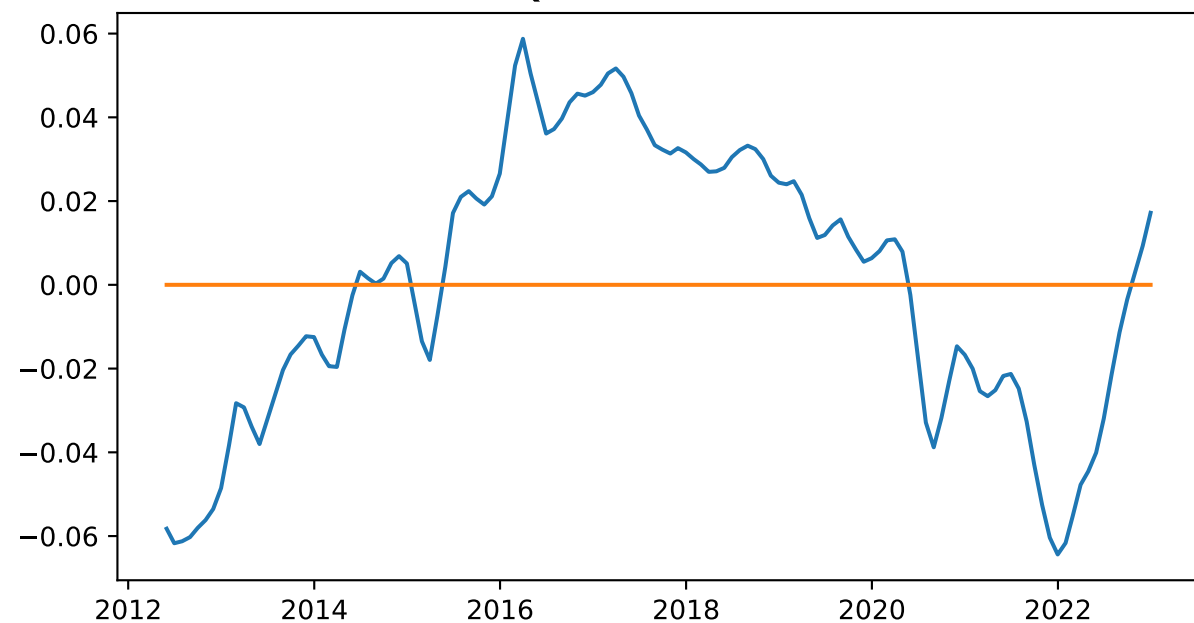


# Comparing Brazil Average Nominal Income All Jobs Actually Earned

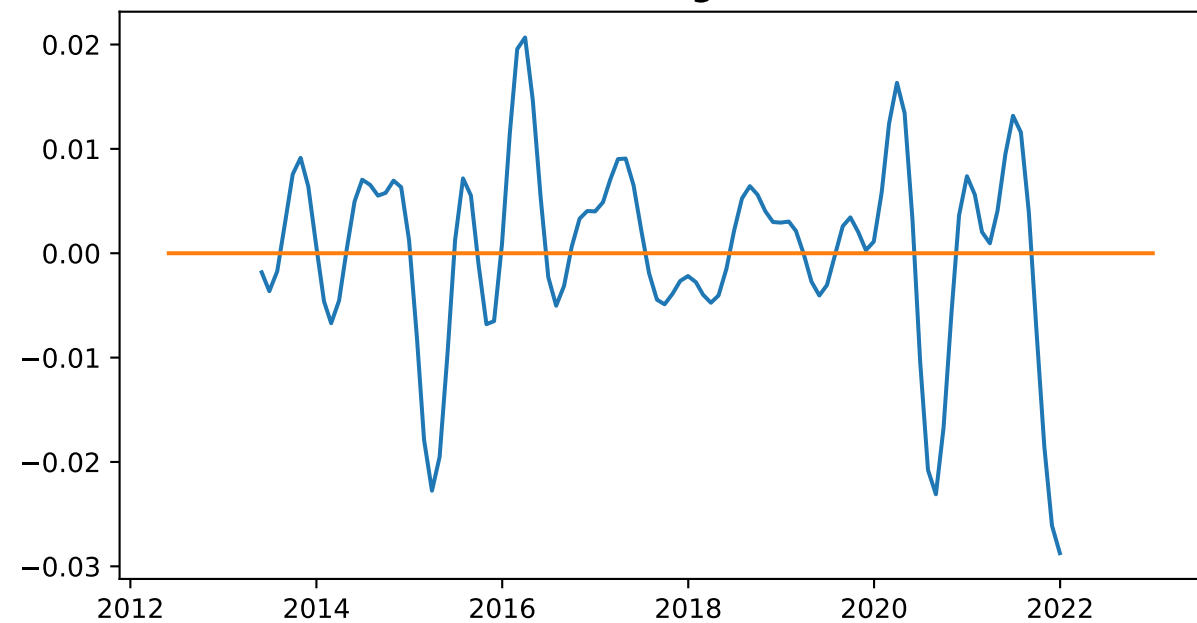
## Linear Filter



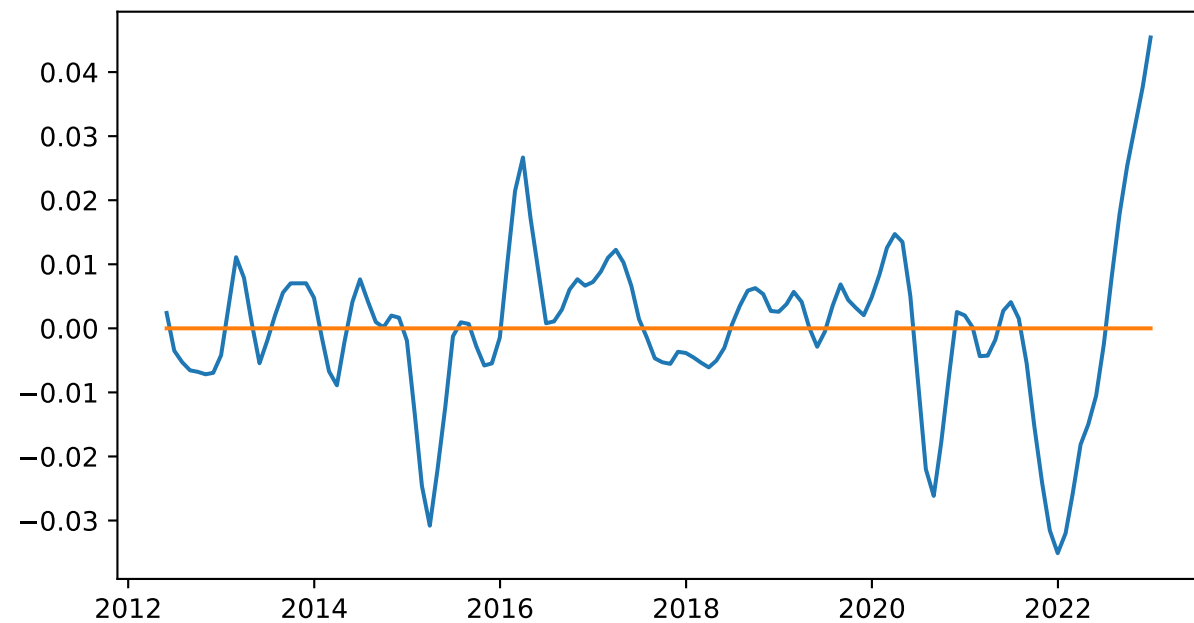
## Quadratic Filter



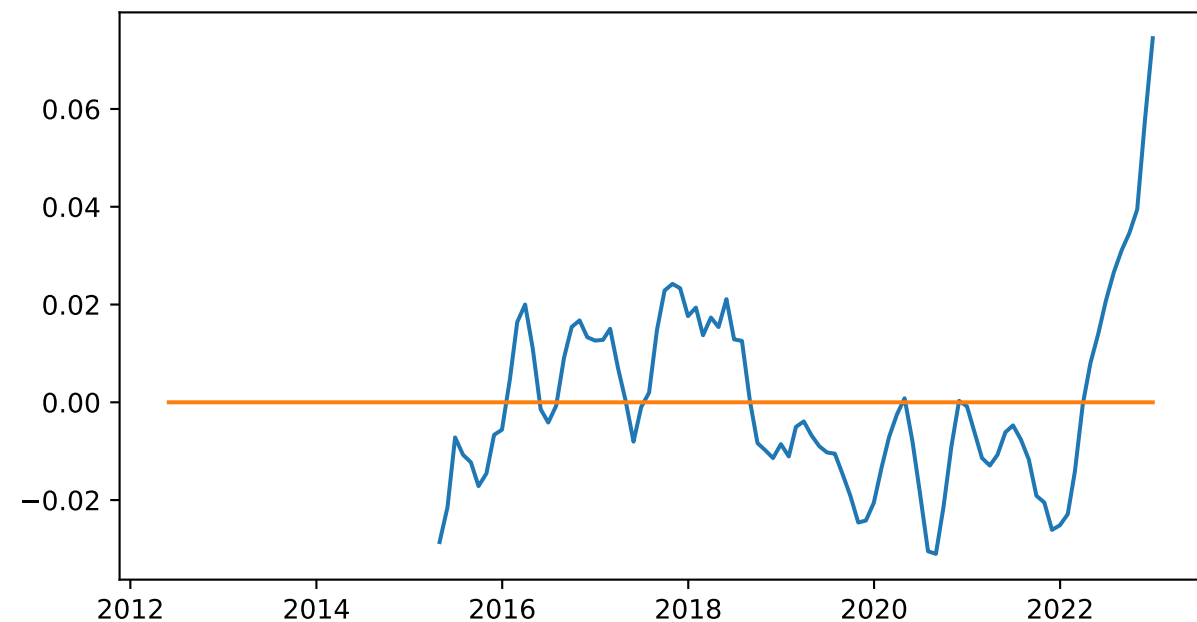
## Baxter-King Filter



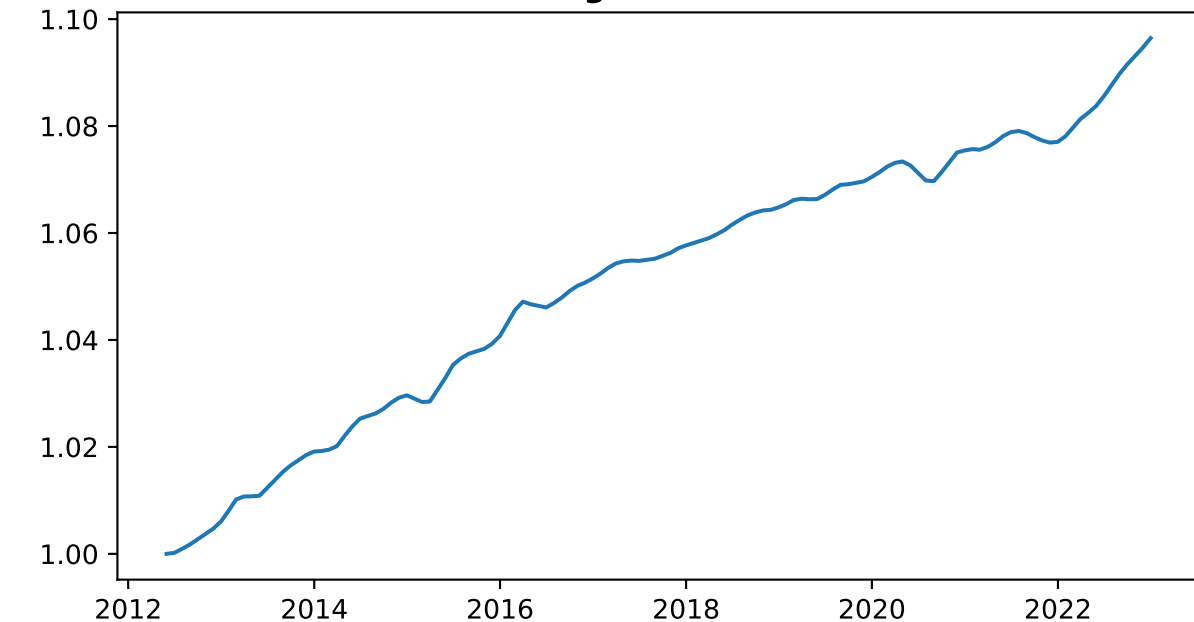
## Hodrick-Prescott Filter



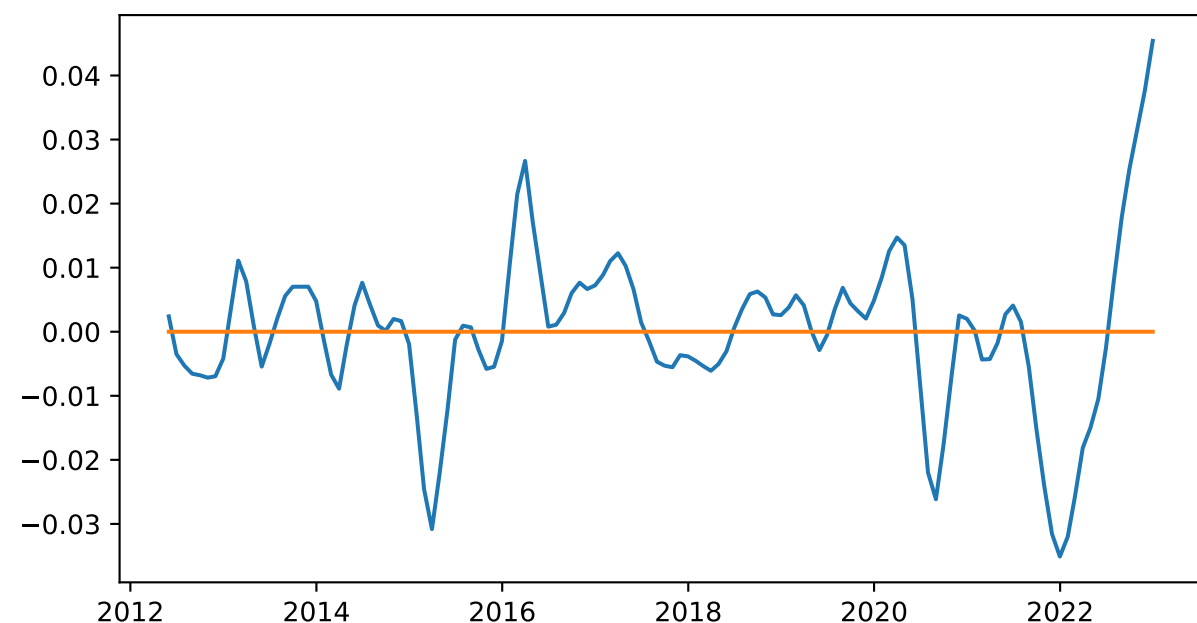
## Hamilton Filter



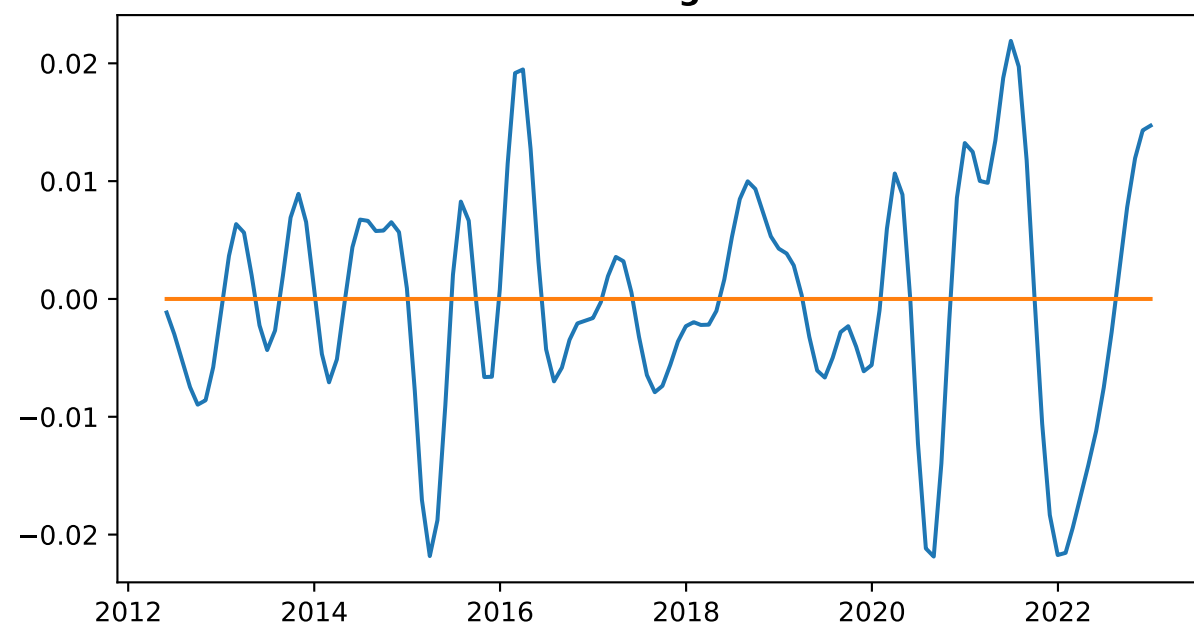
## log.Variable



## Boosted HP Filter

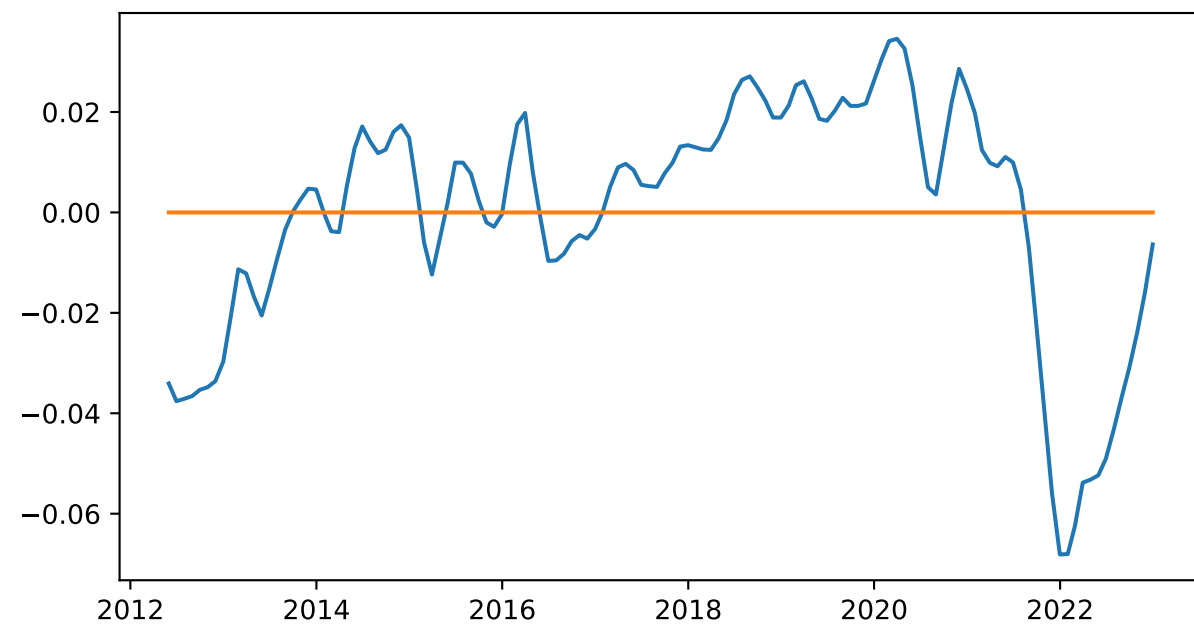


## Christiano Fitzgerald Filter

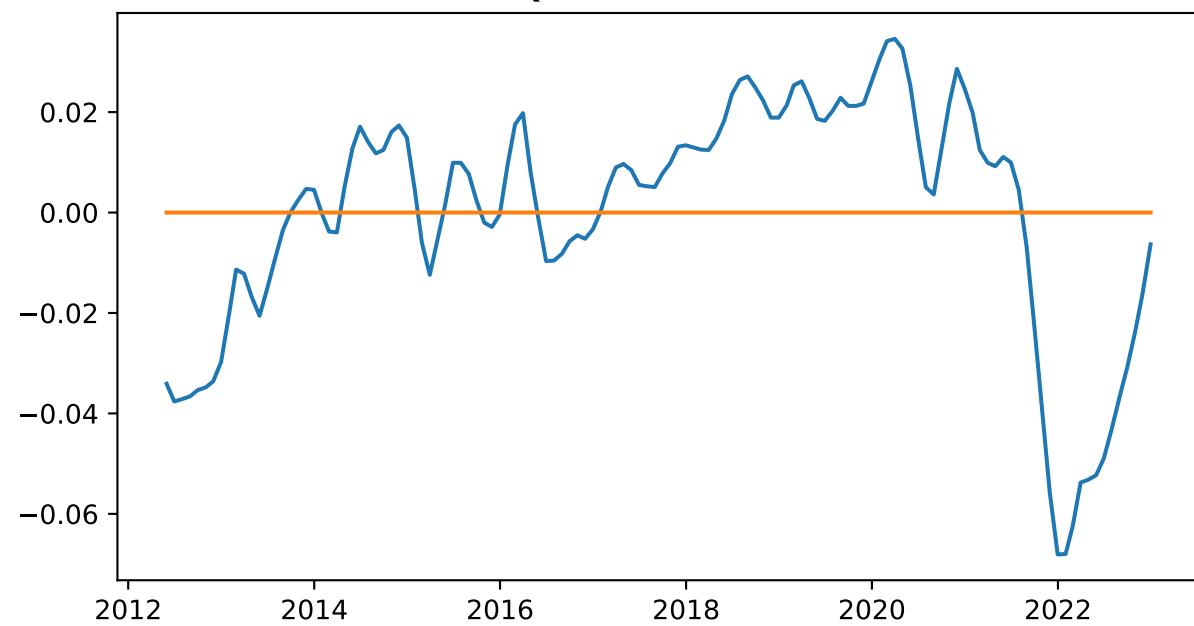


# Comparing Brazil Average Real Income All Jobs Actually Earned

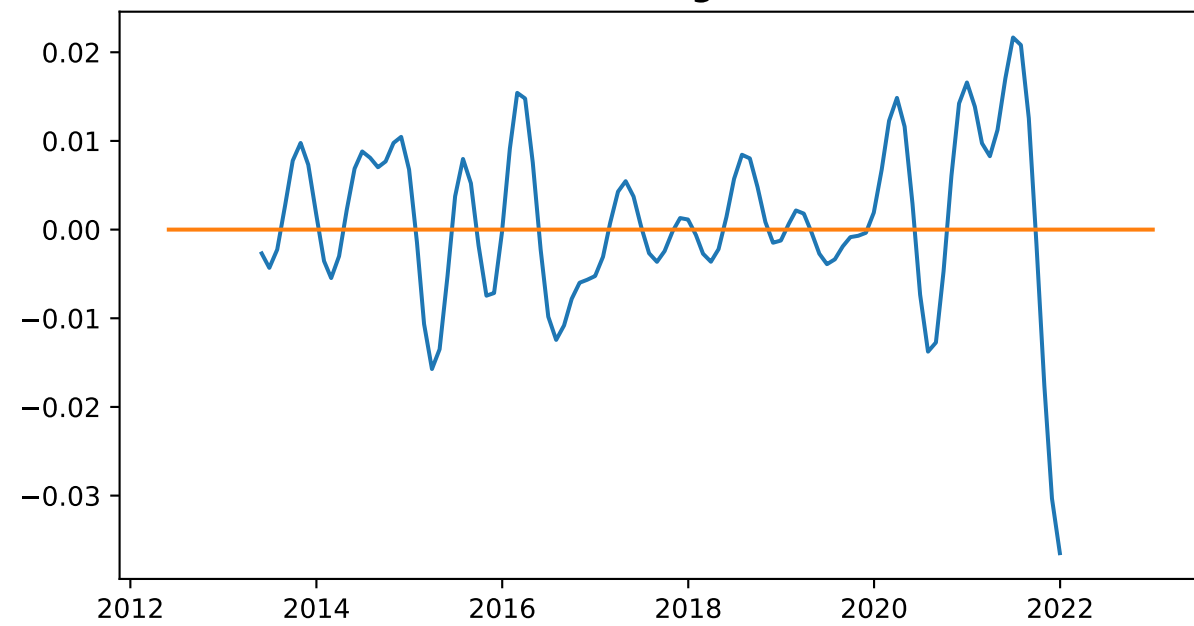
## Linear Filter



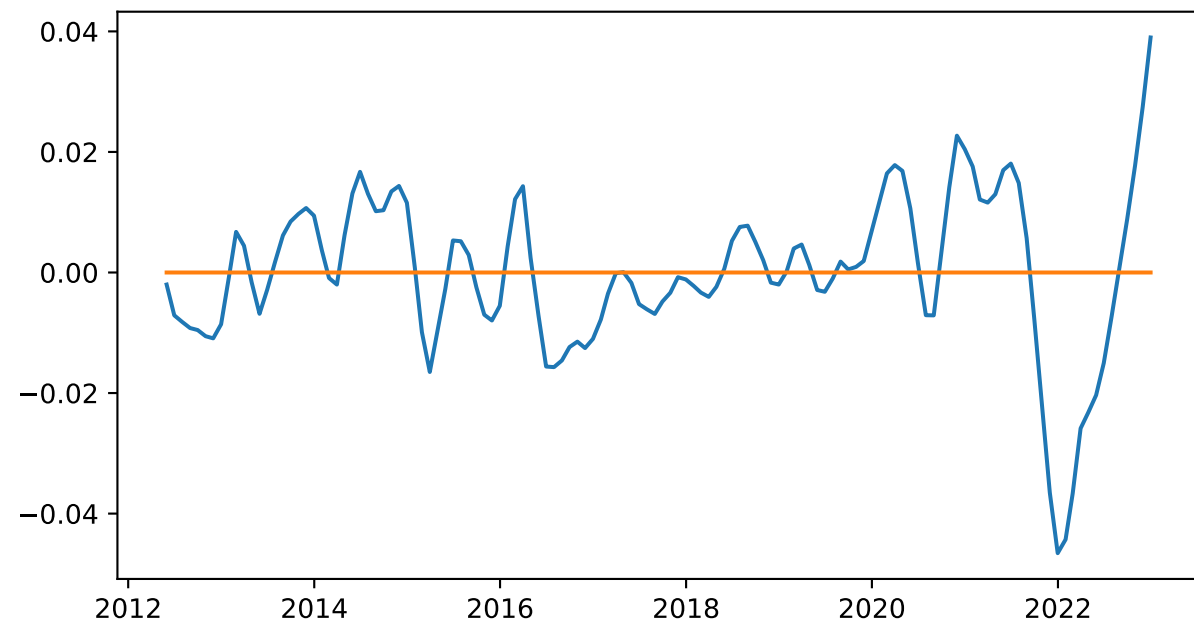
## Quadratic Filter



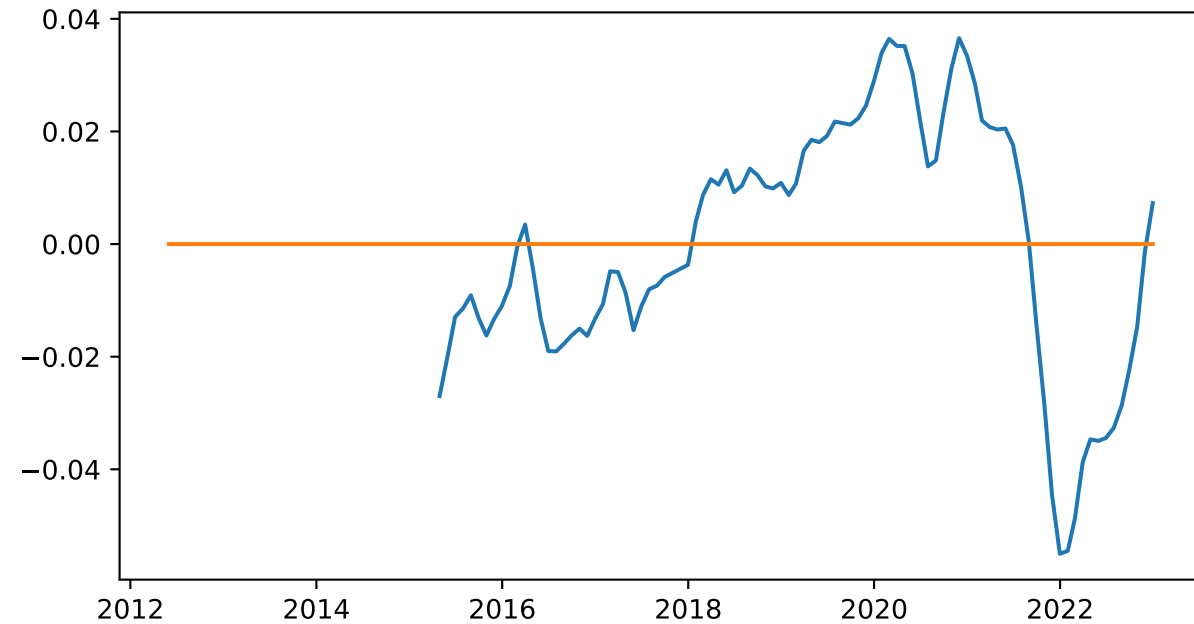
## Baxter-King Filter



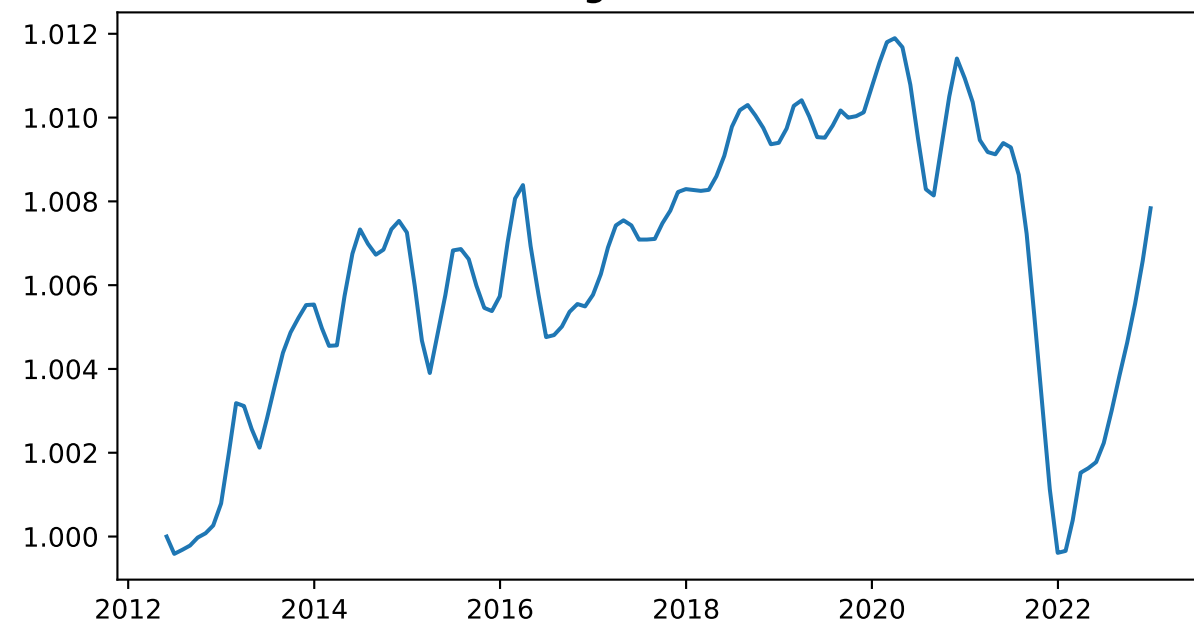
## Hodrick-Prescott Filter



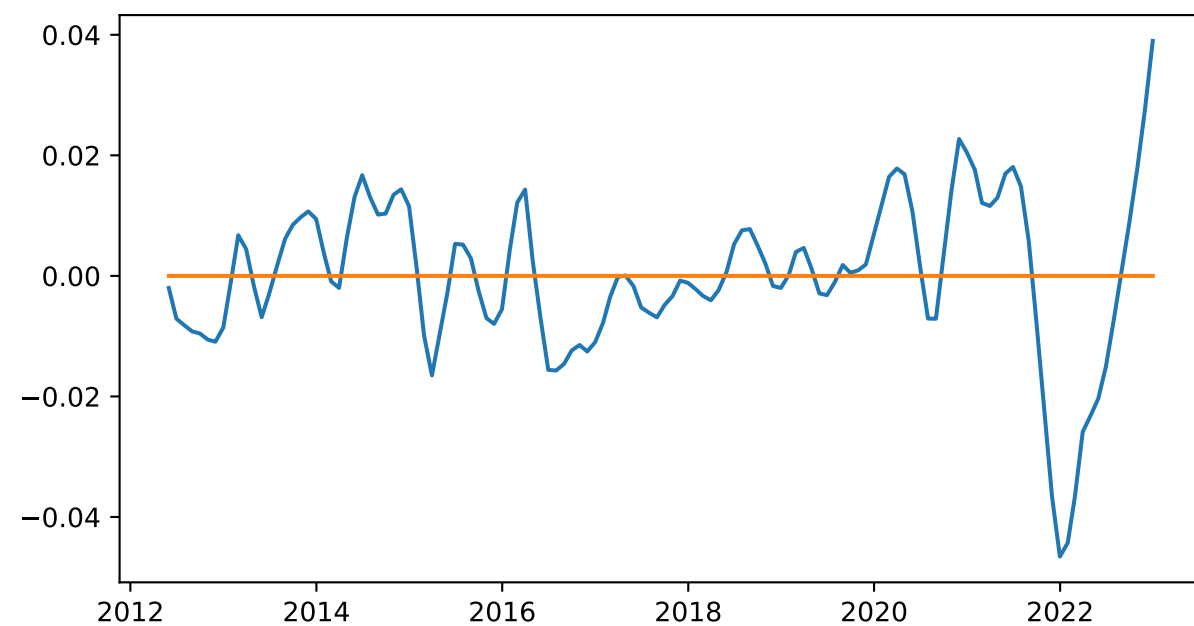
## Hamilton Filter



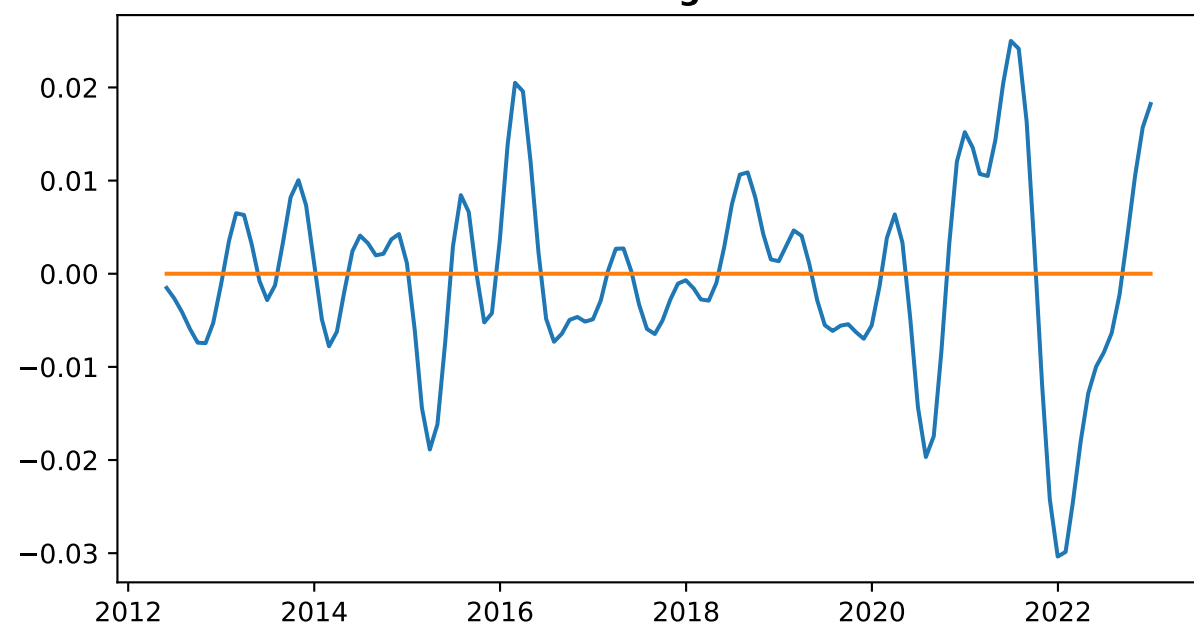
## log.Variable



## Boosted HP Filter

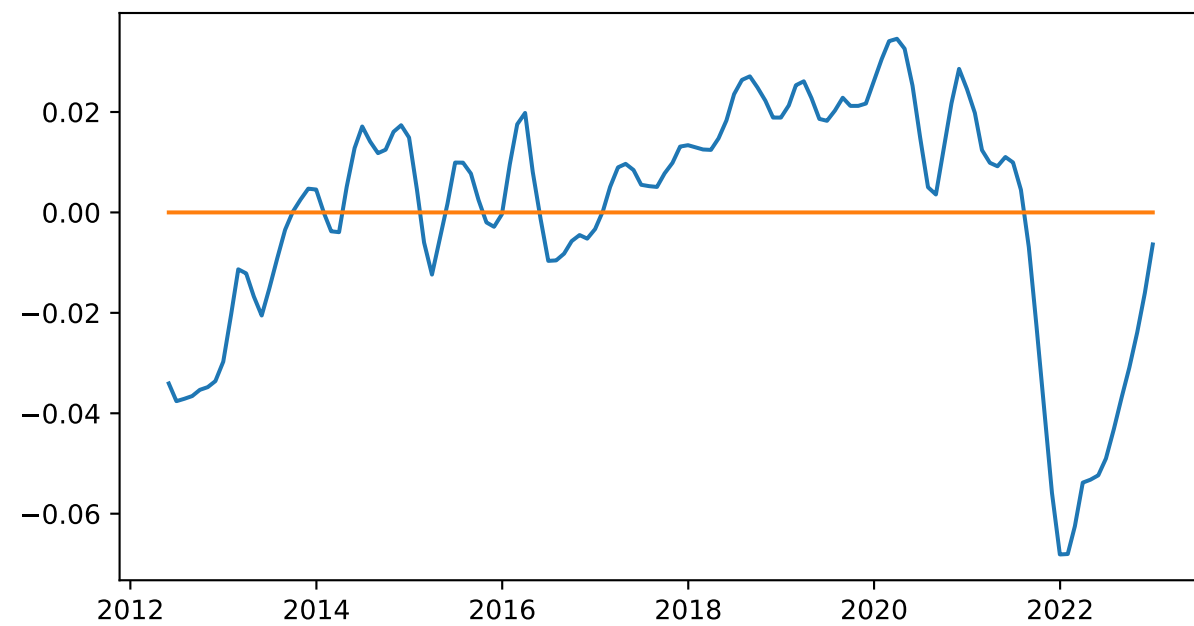


## Christiano Fitzgerald Filter

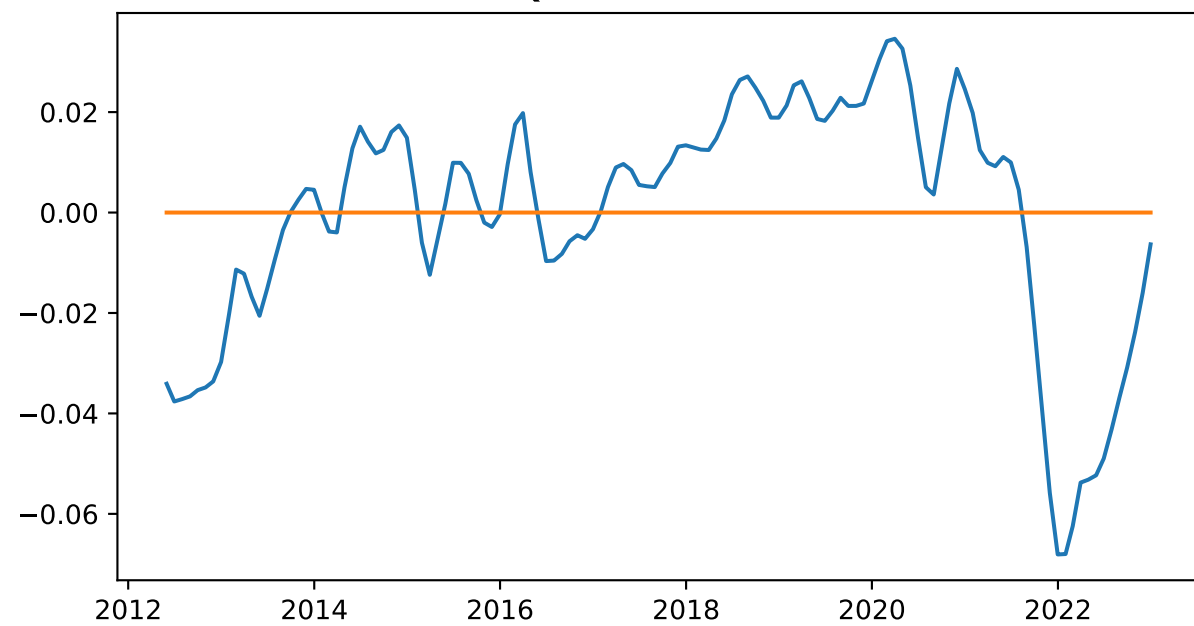


# Comparing Brazil Average Real Income All Jobs Actually Earned

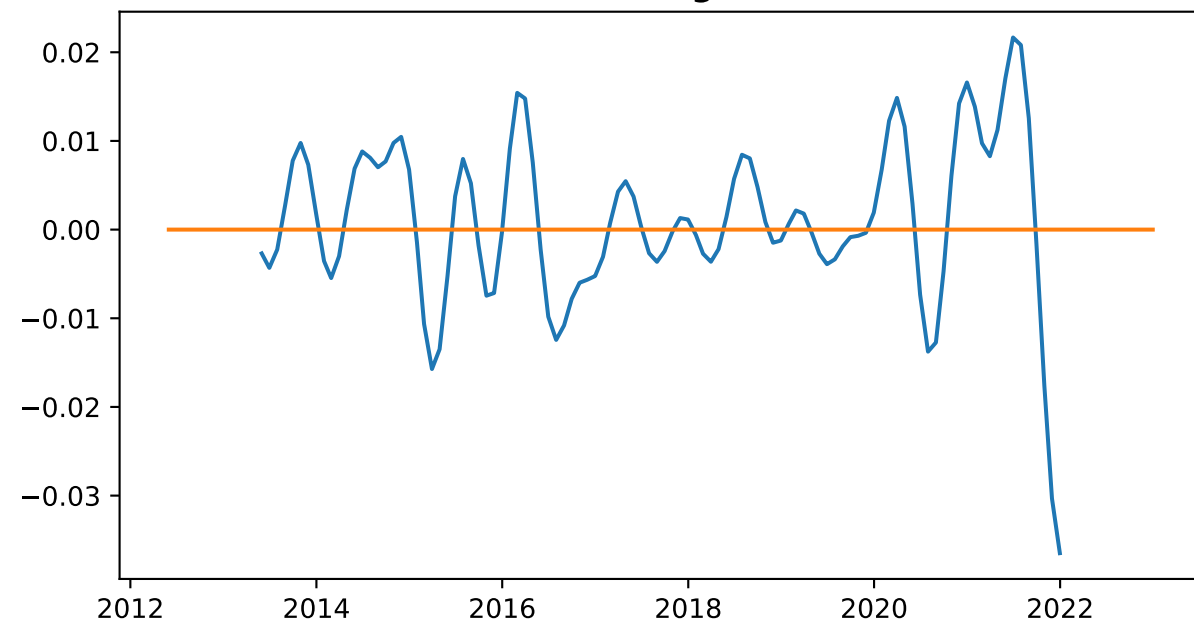
## Linear Filter



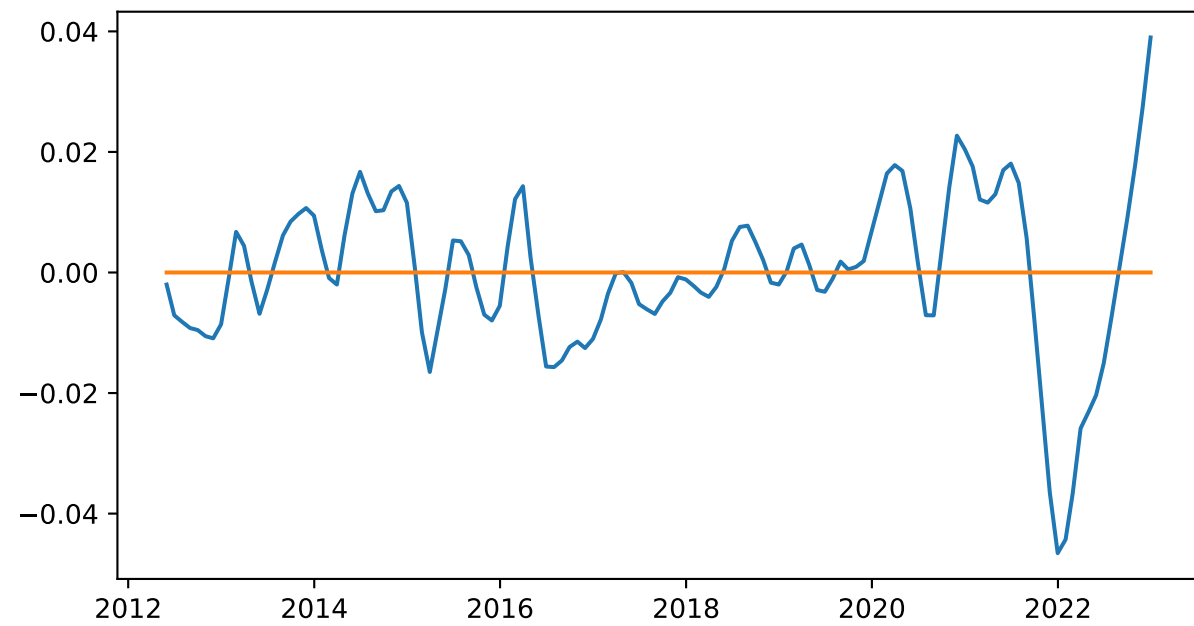
## Quadratic Filter



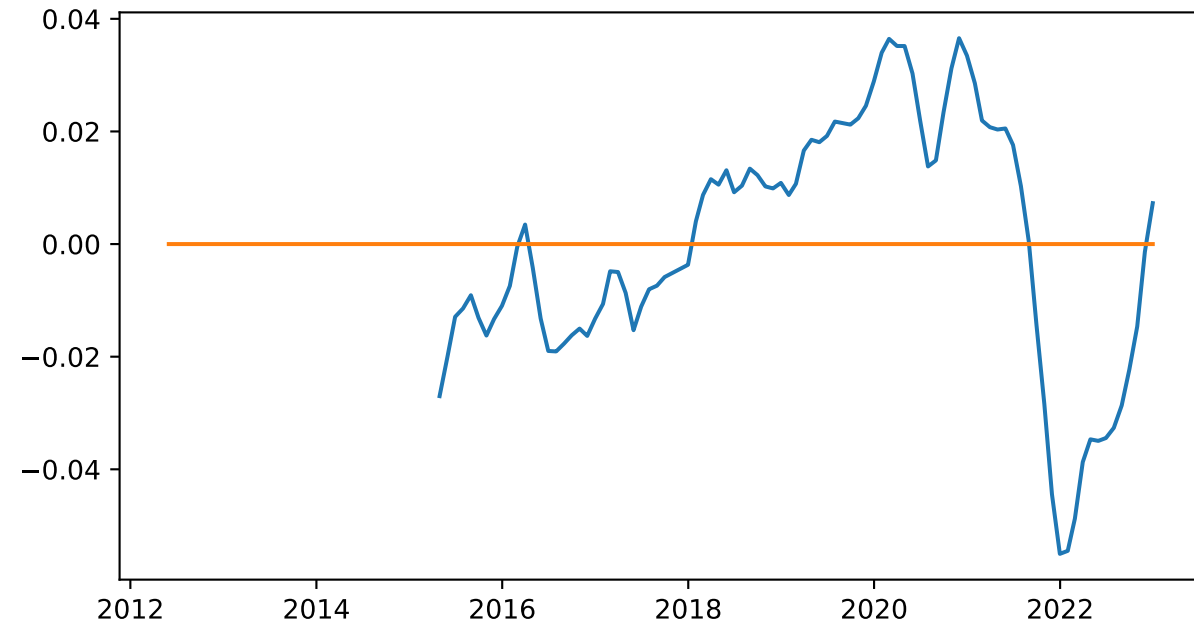
## Baxter-King Filter



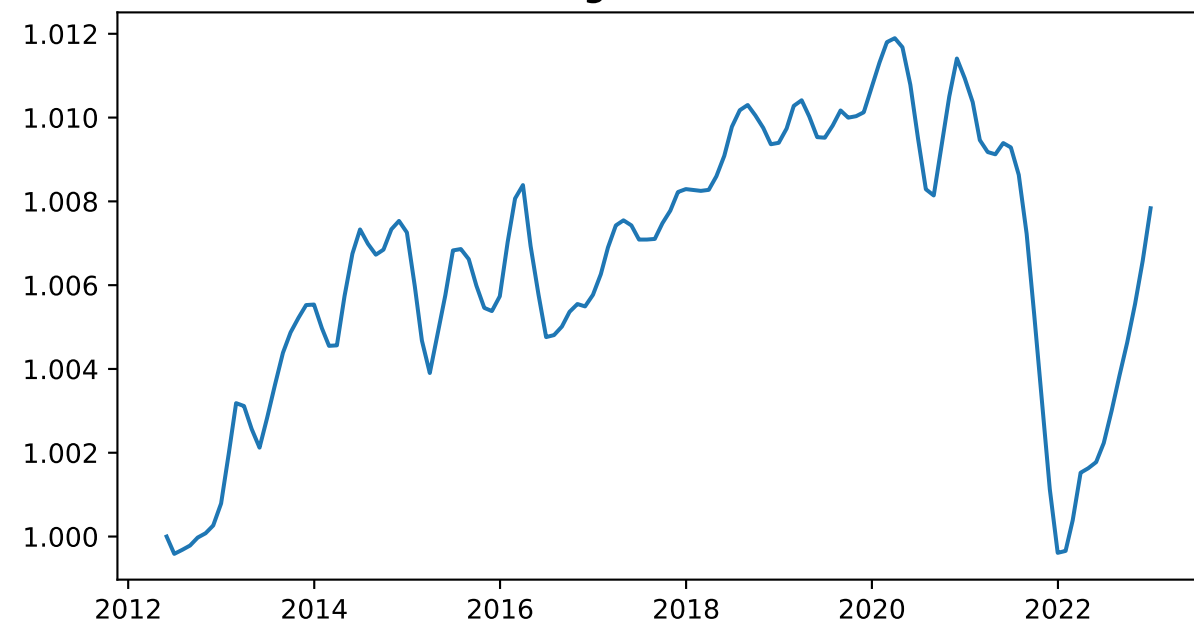
## Hodrick-Prescott Filter



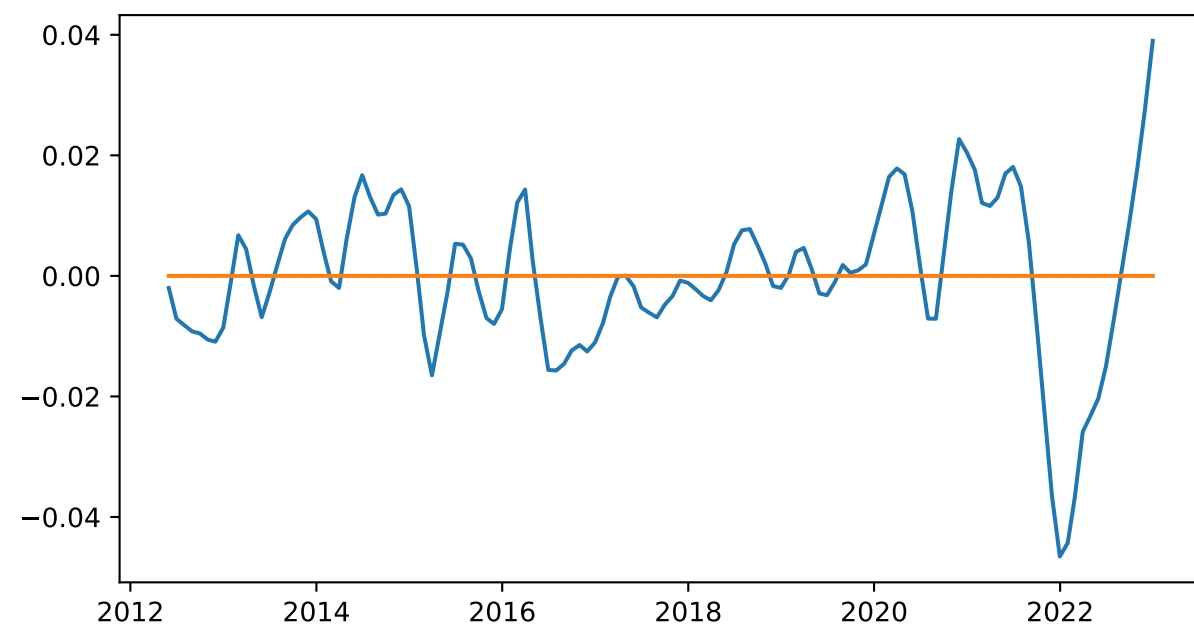
## Hamilton Filter



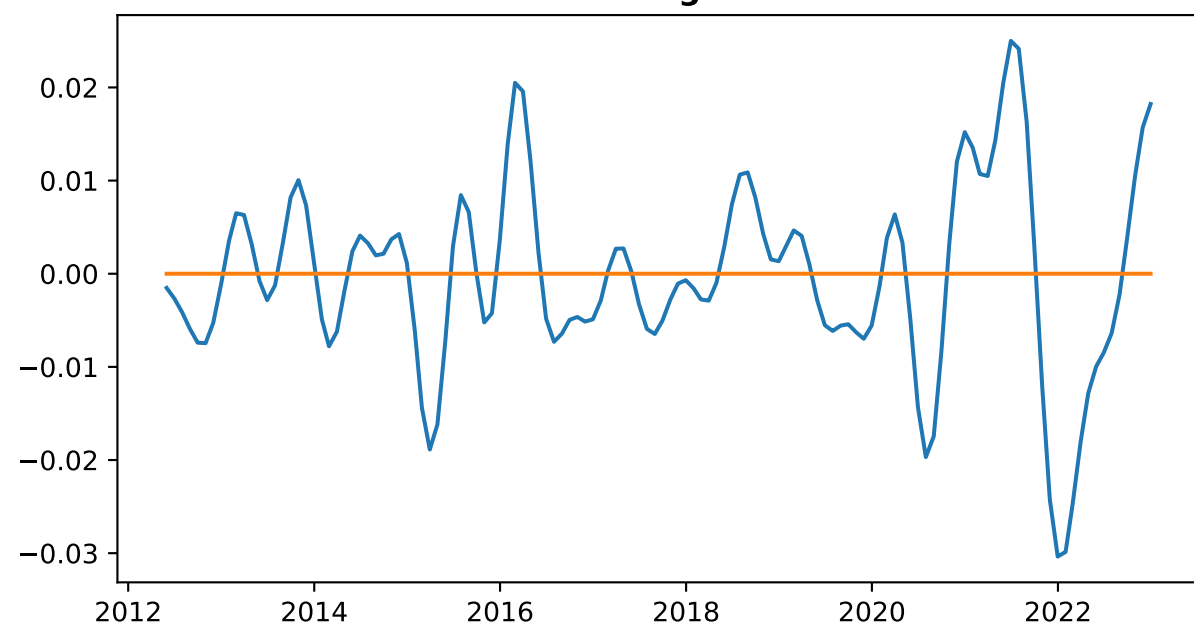
## log.Variable



## Boosted HP Filter

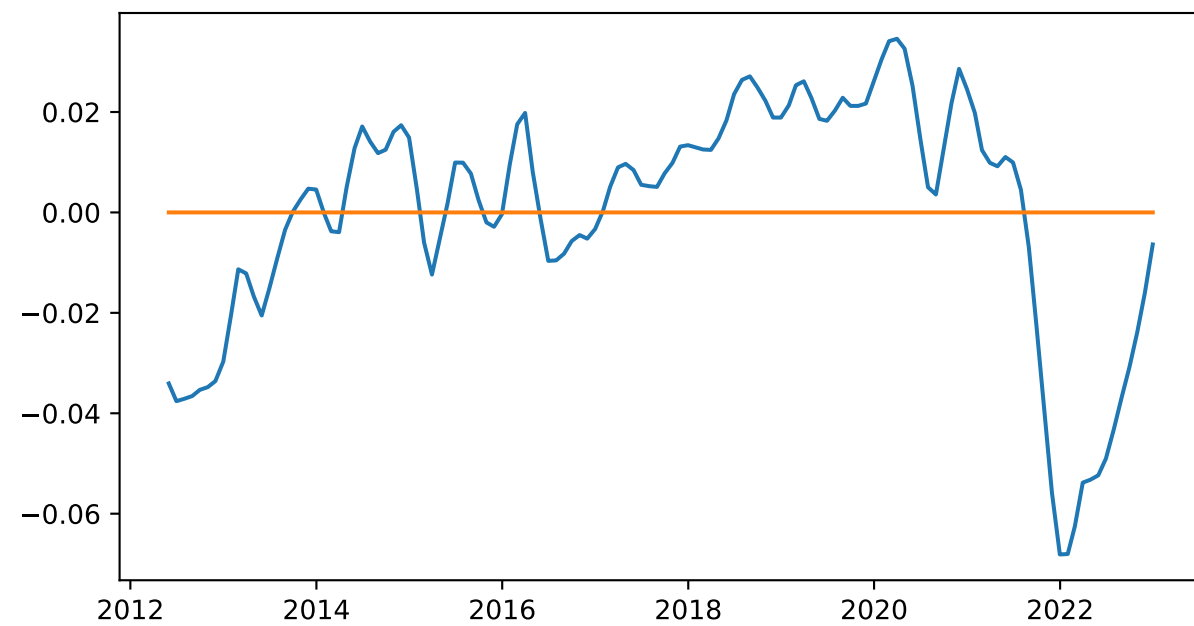


## Christiano Fitzgerald Filter

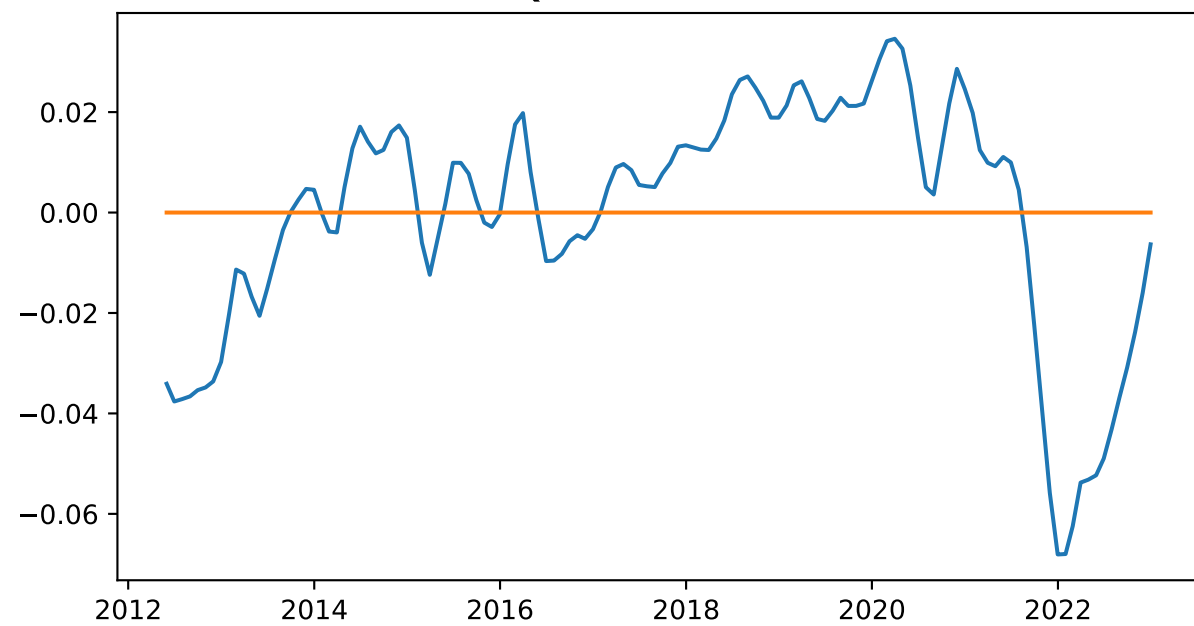


# Comparing Brazil Average Real Income All Jobs Actually Earned

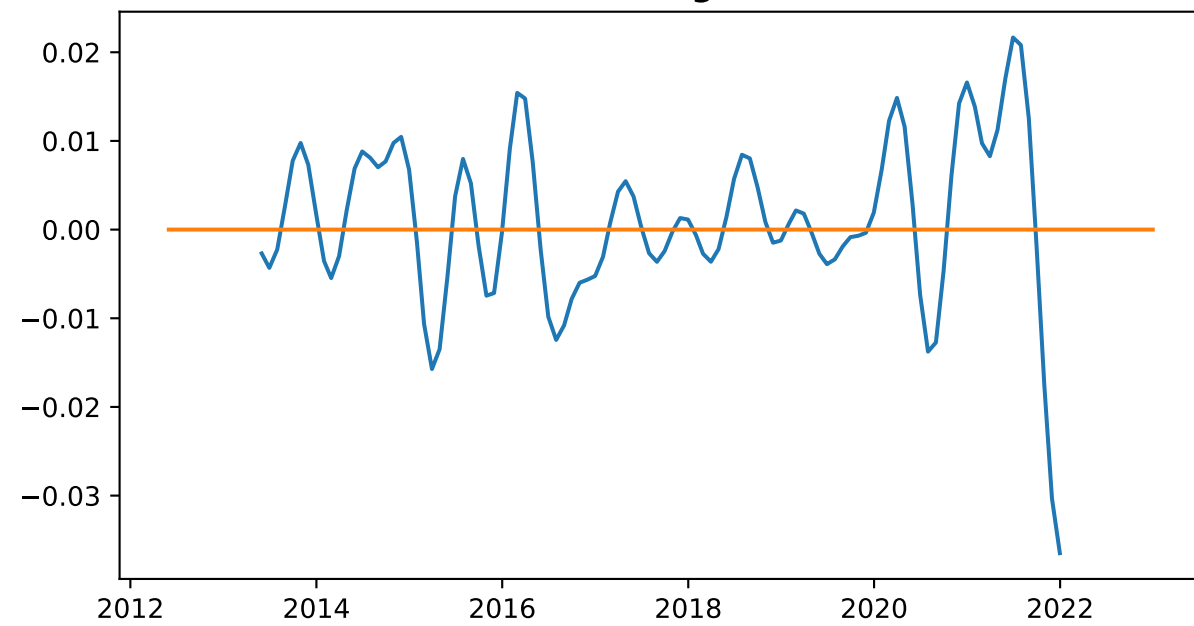
## Linear Filter



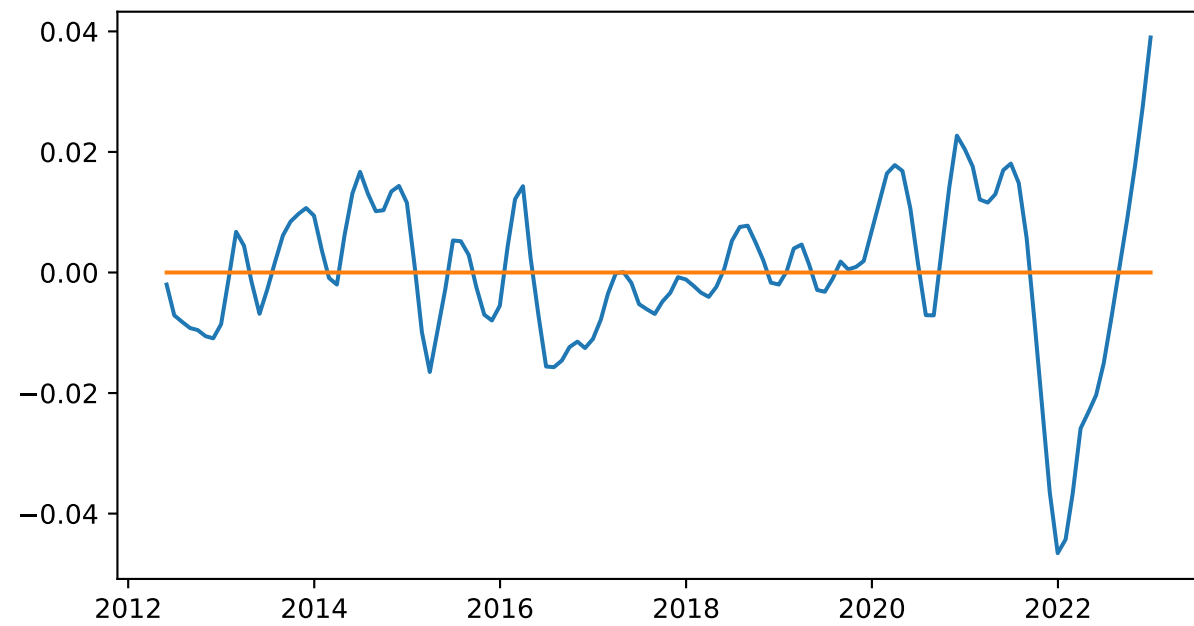
## Quadratic Filter



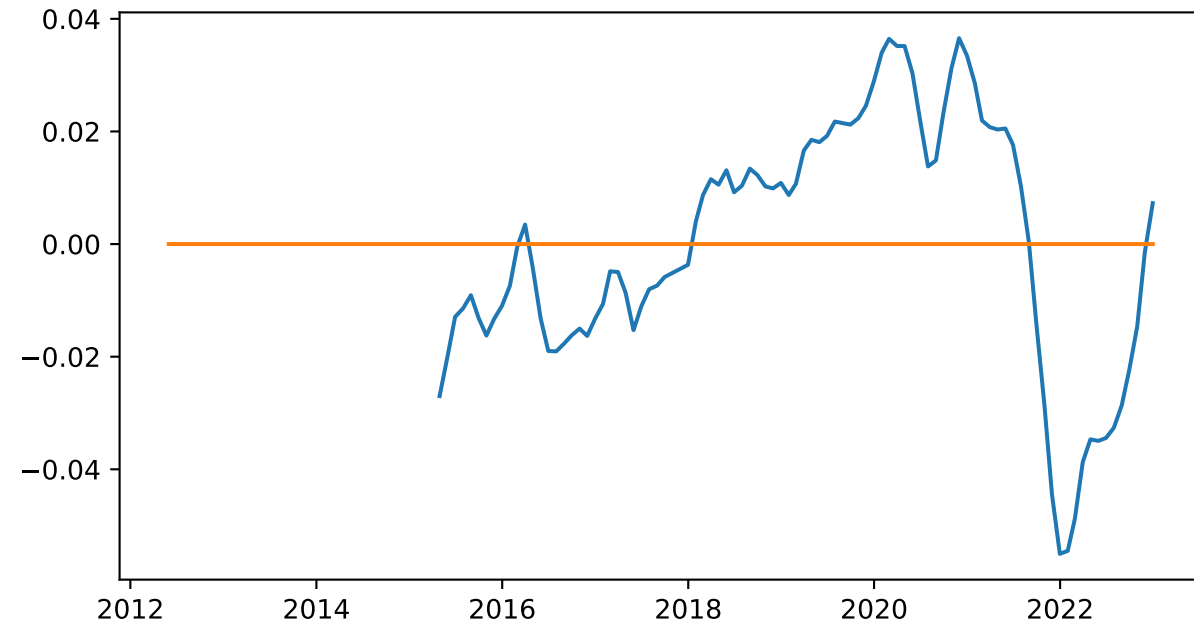
## Baxter-King Filter



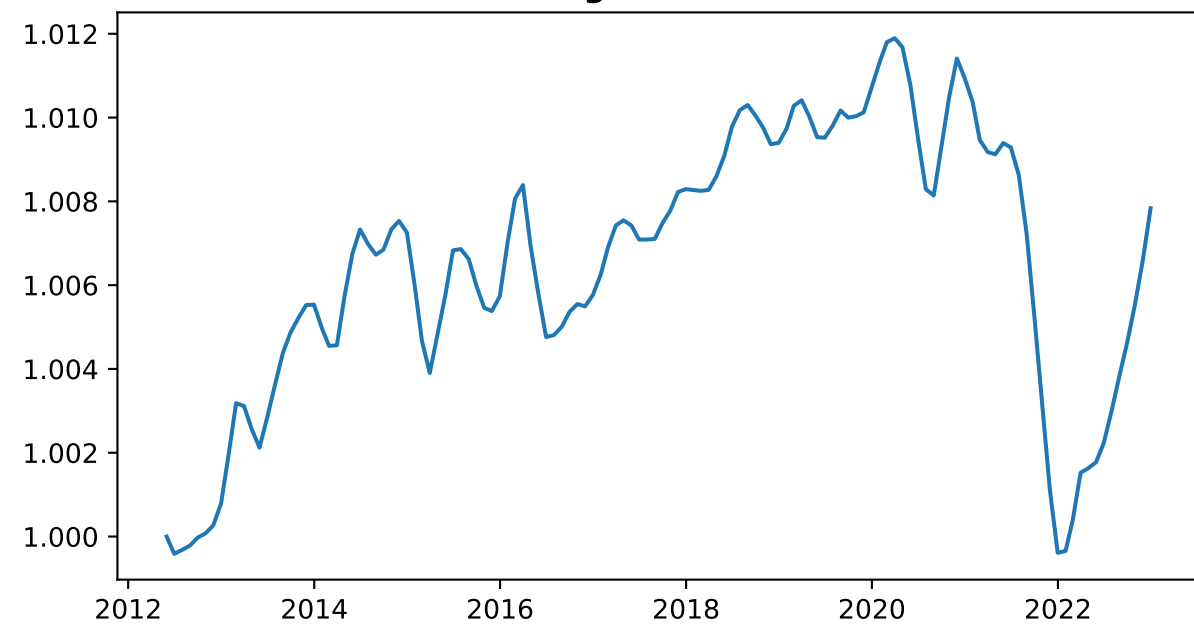
## Hodrick-Prescott Filter



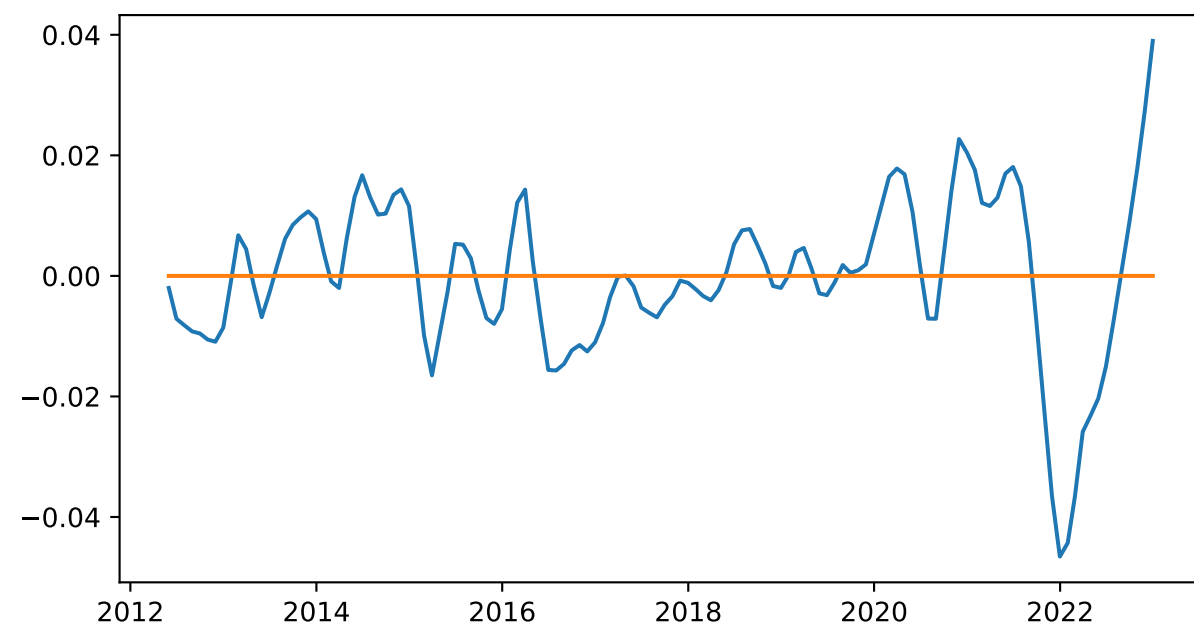
## Hamilton Filter



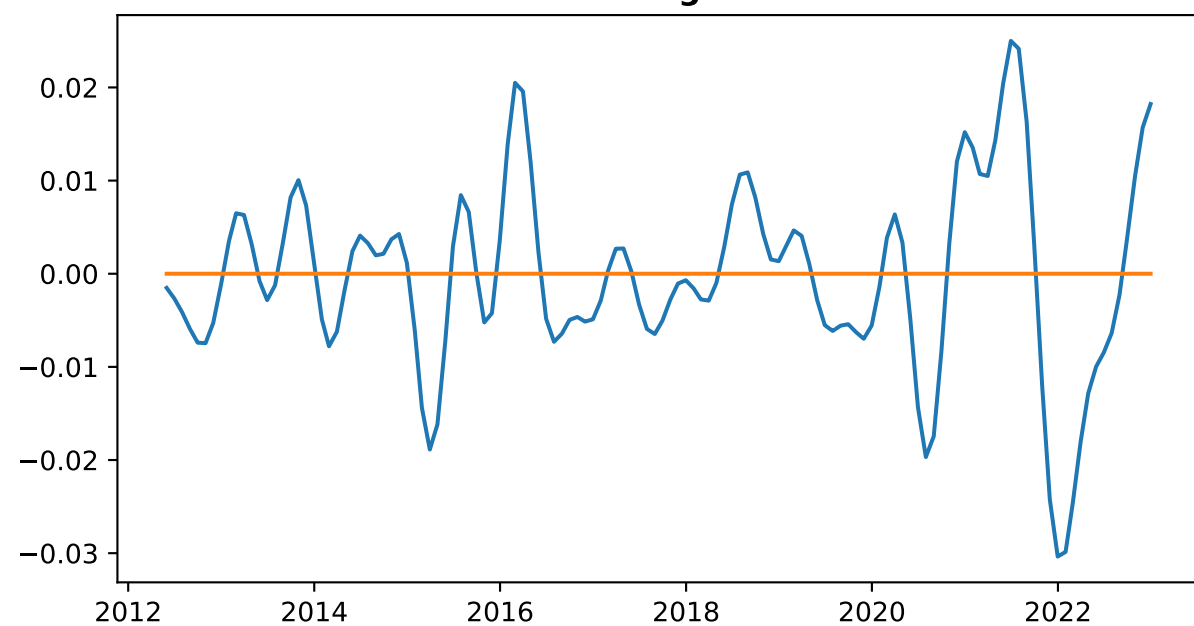
## log.Variable



## Boosted HP Filter



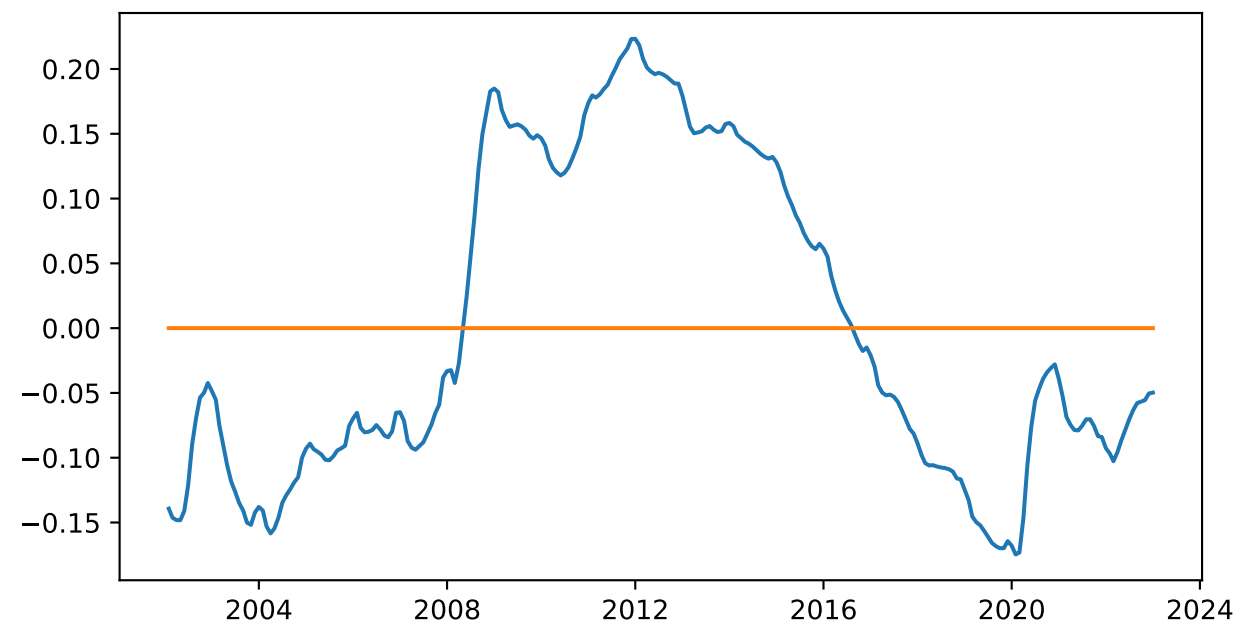
## Christiano Fitzgerald Filter



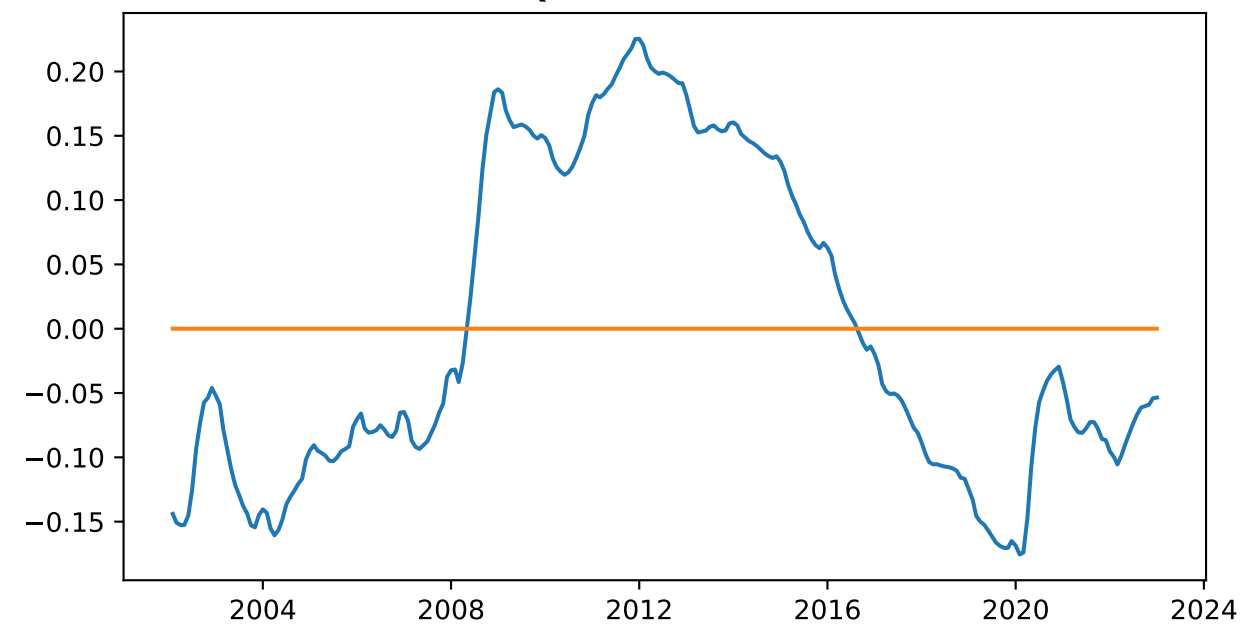


# Comparing M2 (eop)

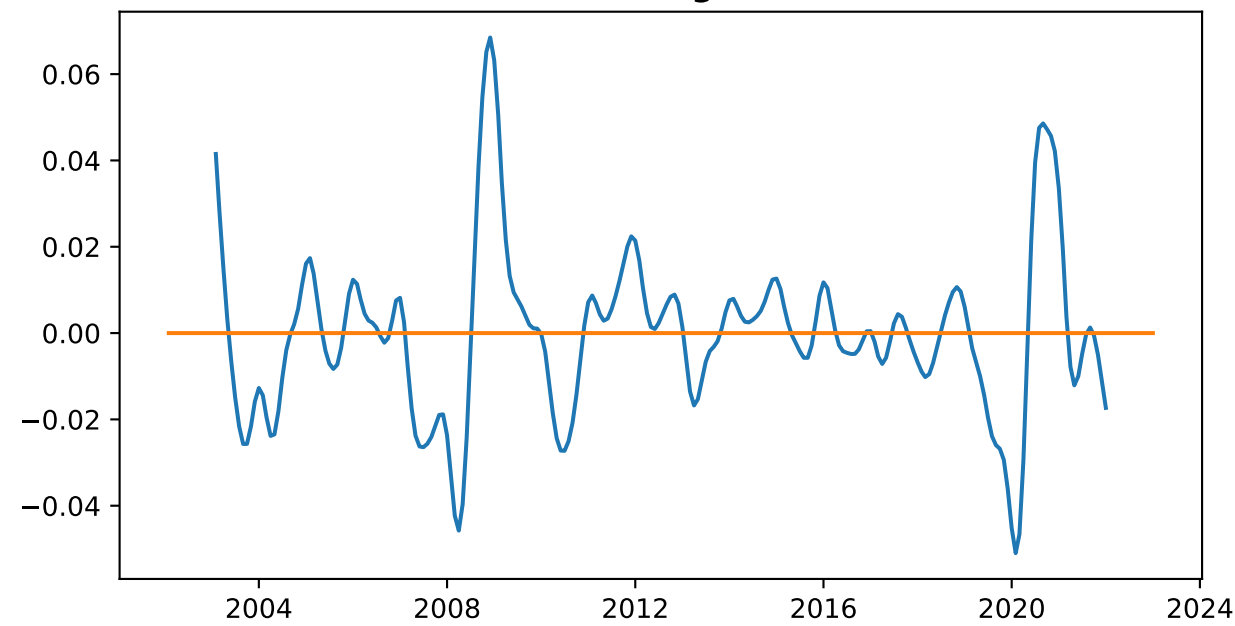
## Linear Filter



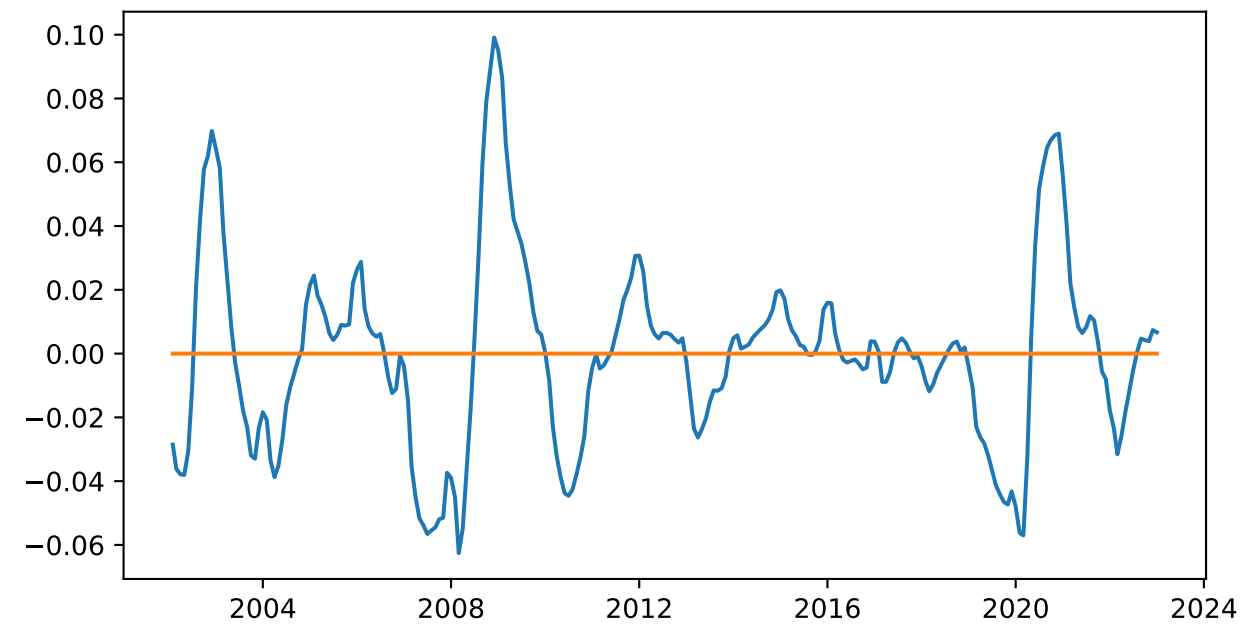
## Quadratic Filter



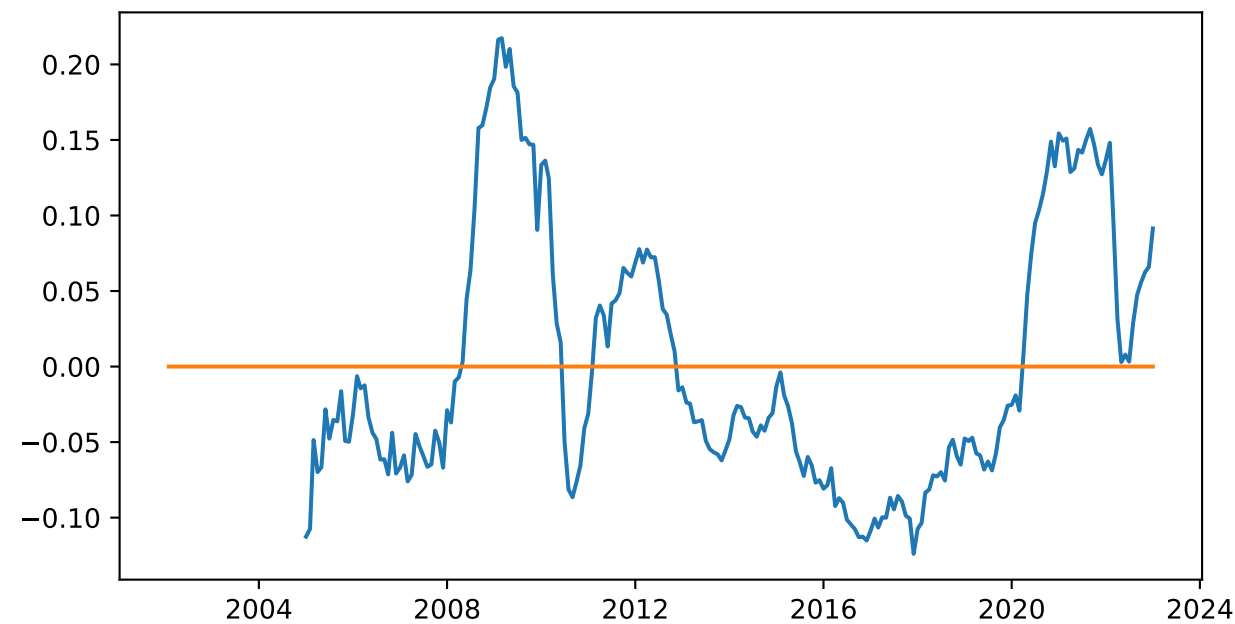
## Baxter-King Filter



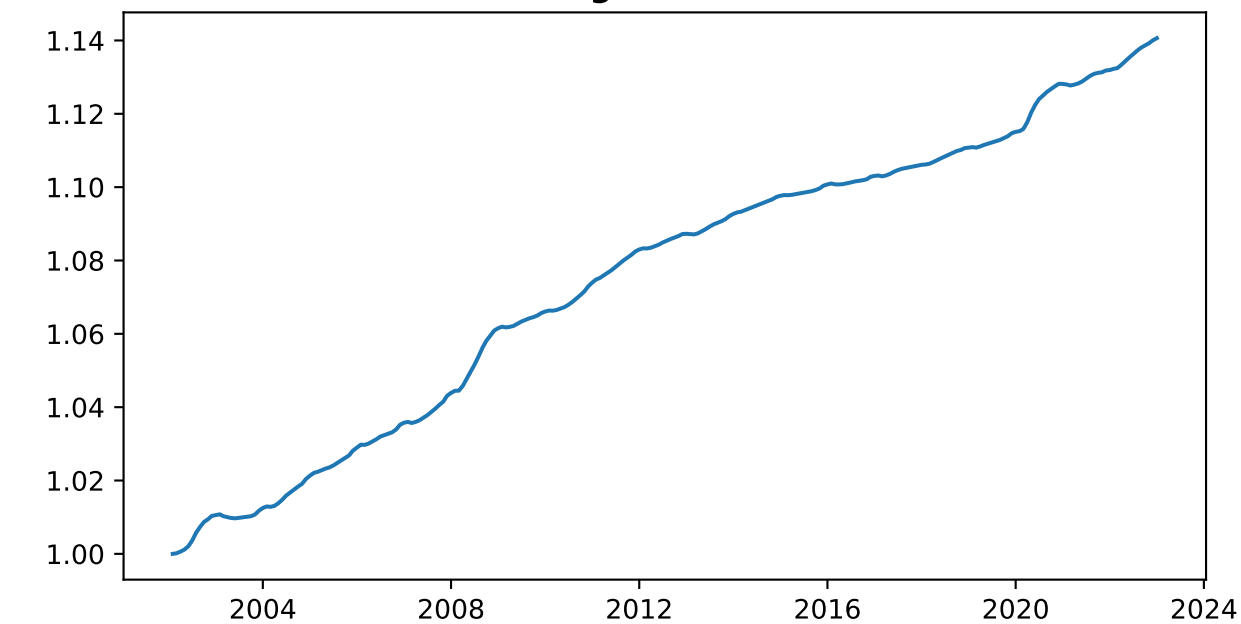
## Hodrick-Prescott Filter



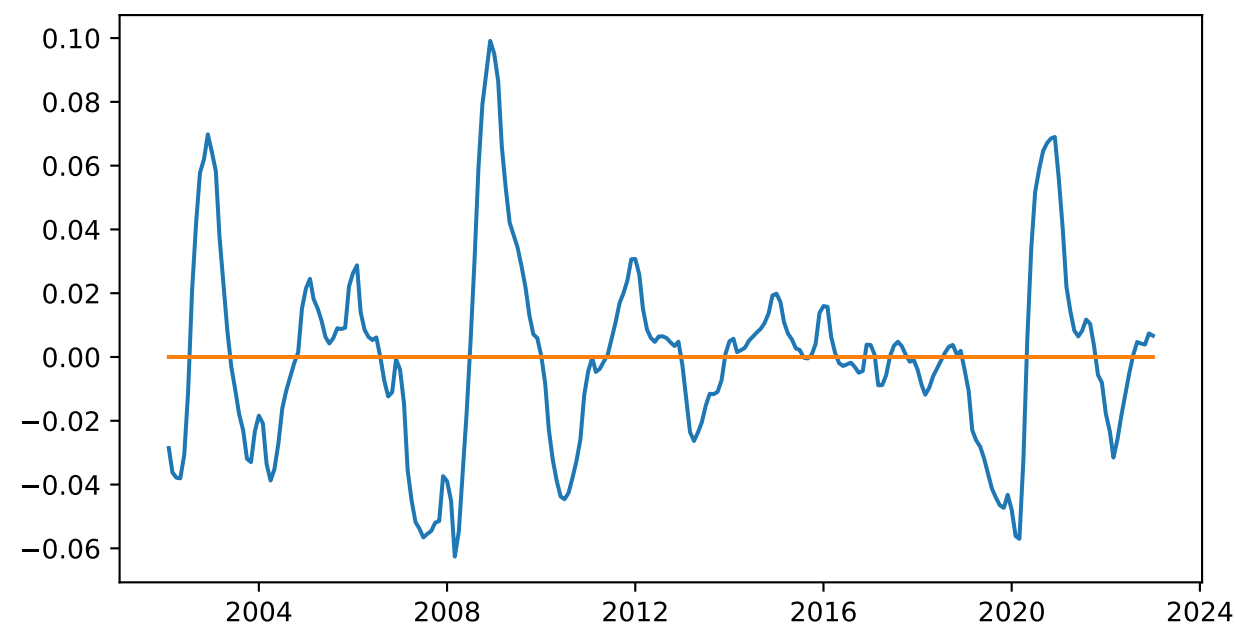
## Hamilton Filter



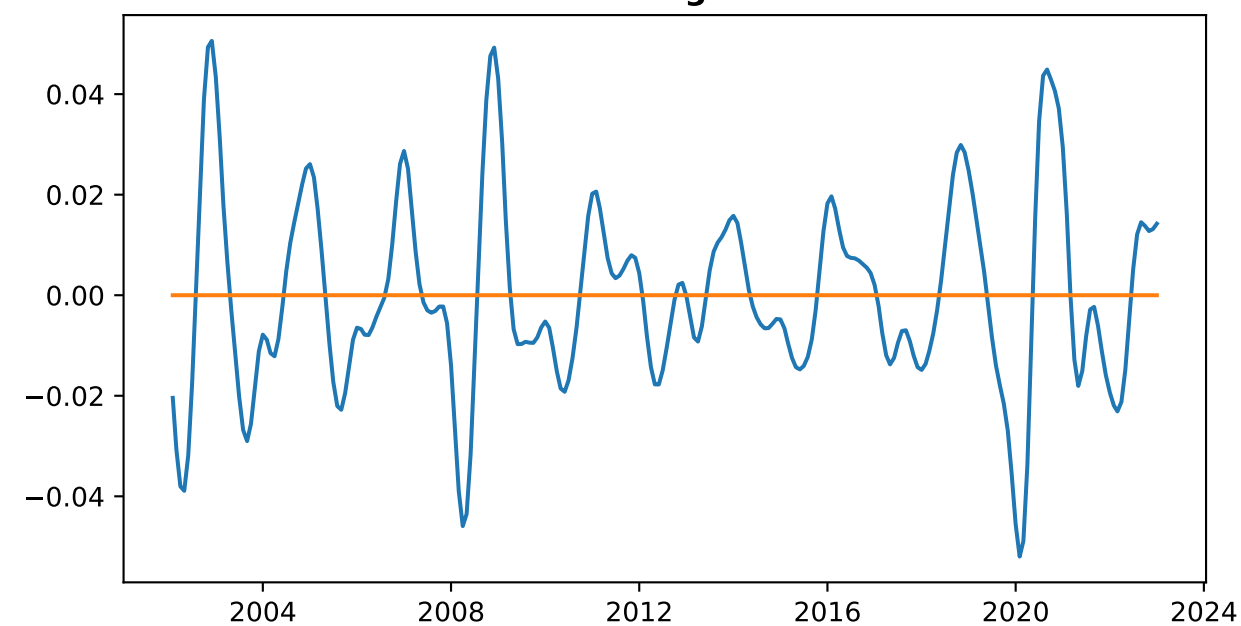
## log.Variable



## Boosted HP Filter



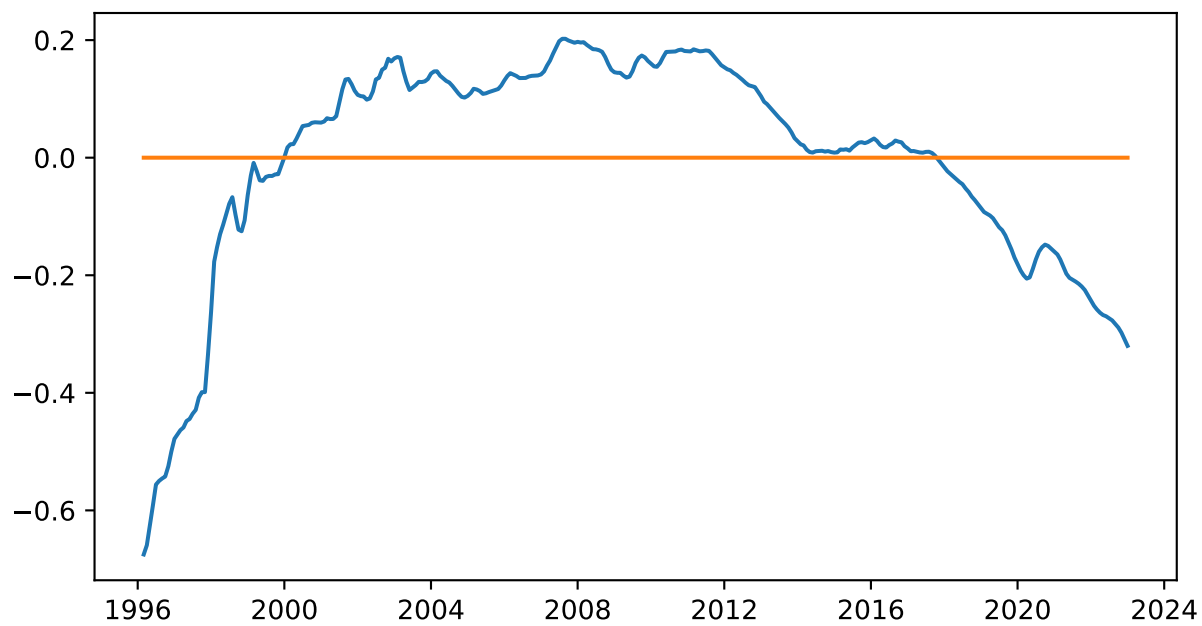
## Christiano Fitzgerald Filter



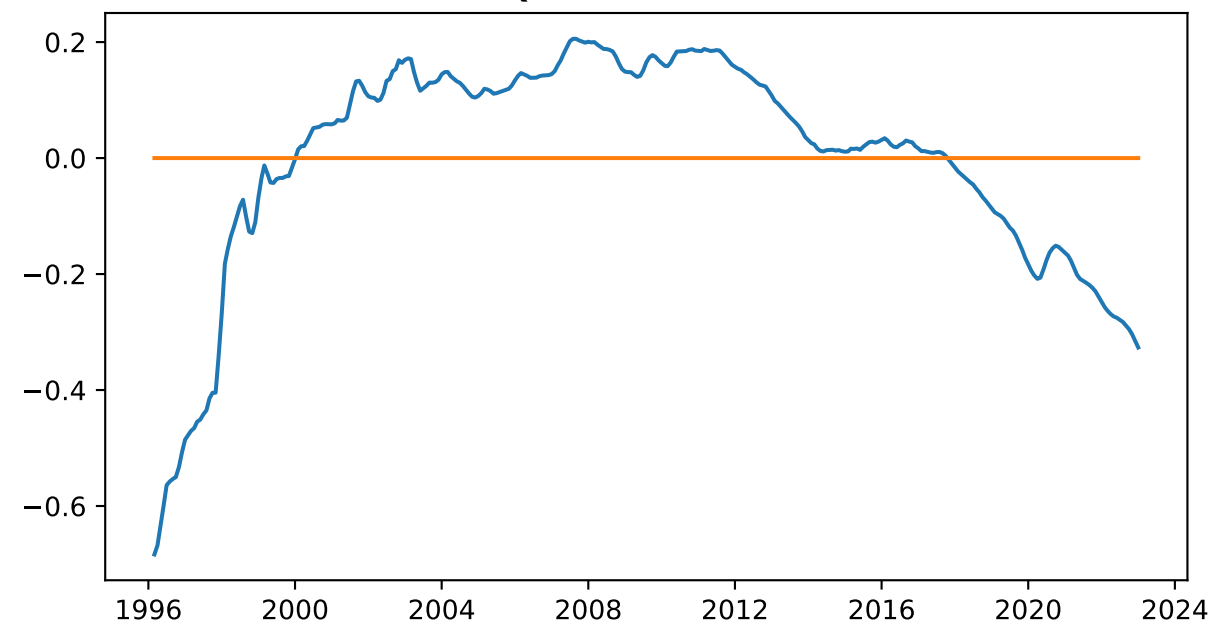


# Comparing Expanded Monetary Base (eop)

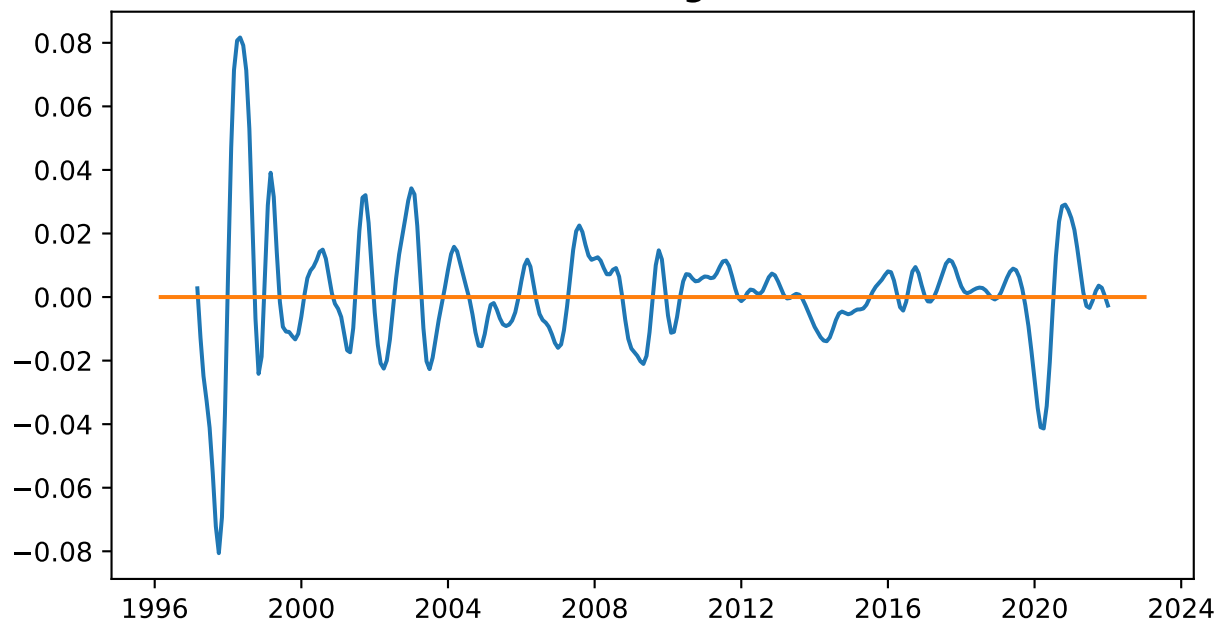
## Linear Filter



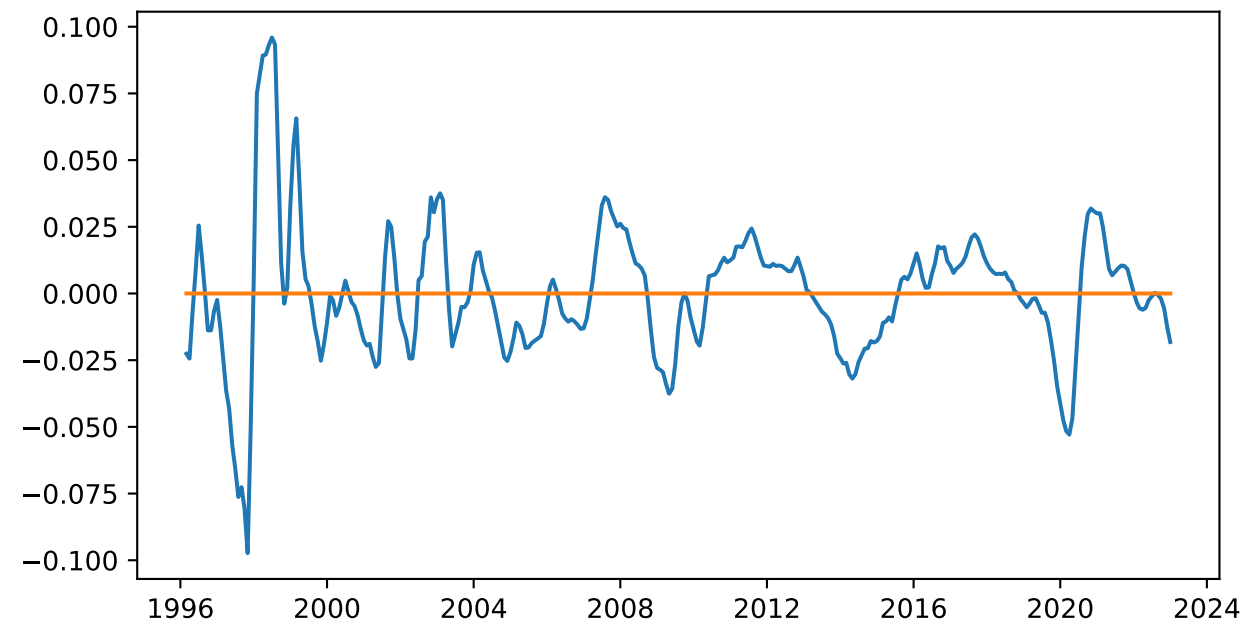
## Quadratic Filter



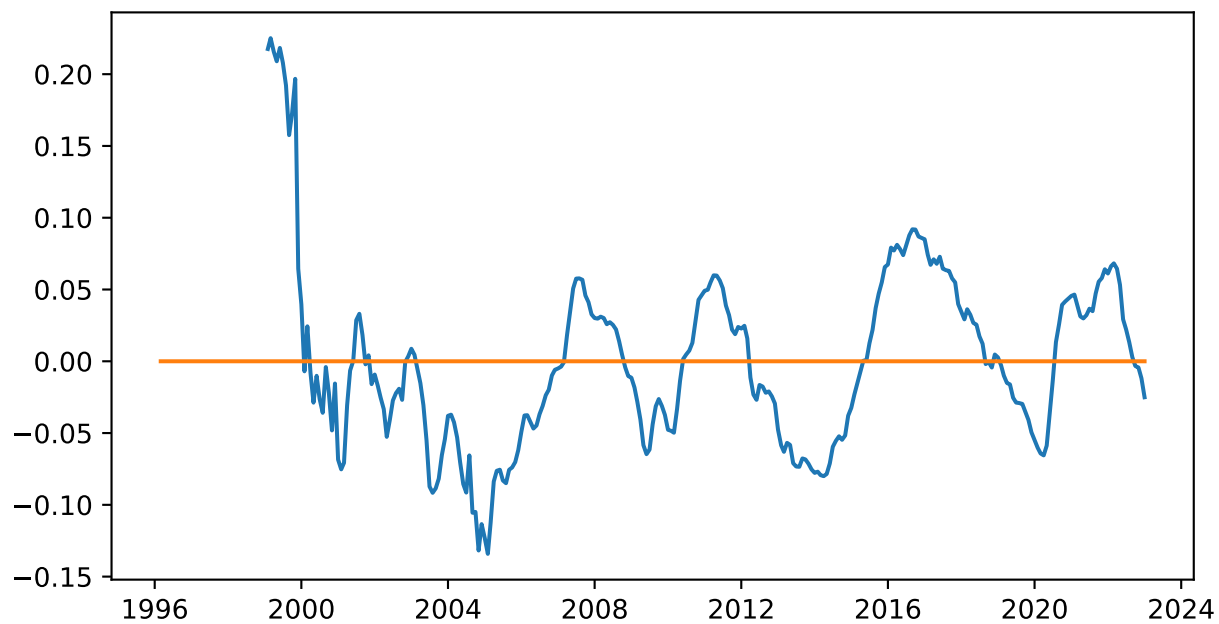
## Baxter-King Filter



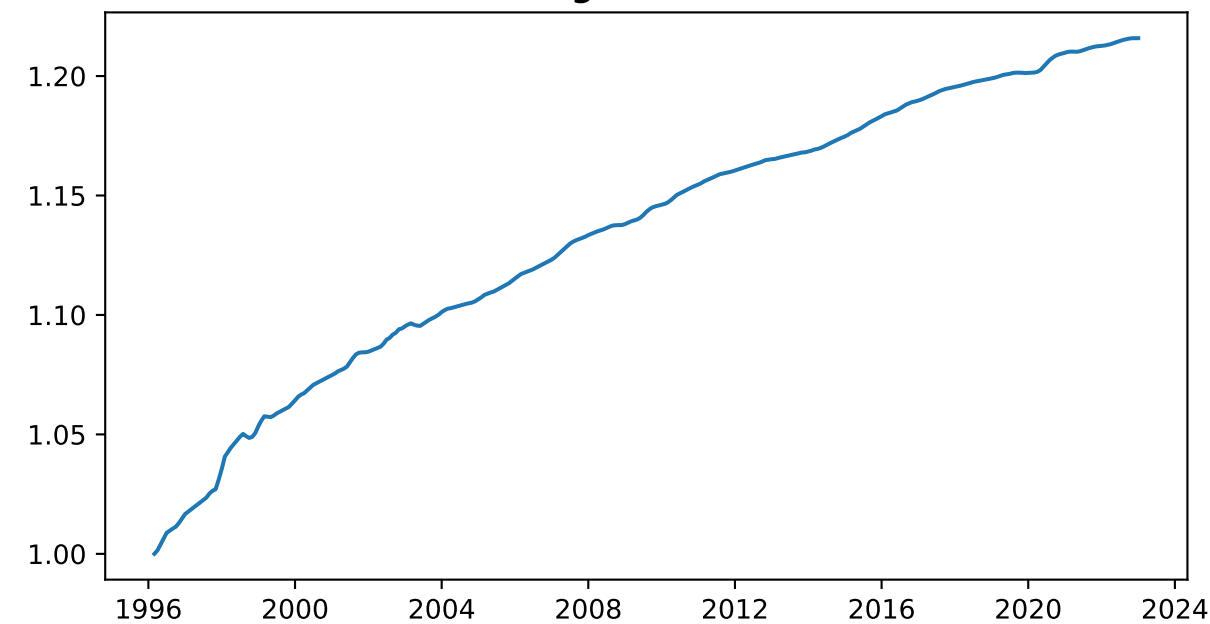
## Hodrick-Prescott Filter



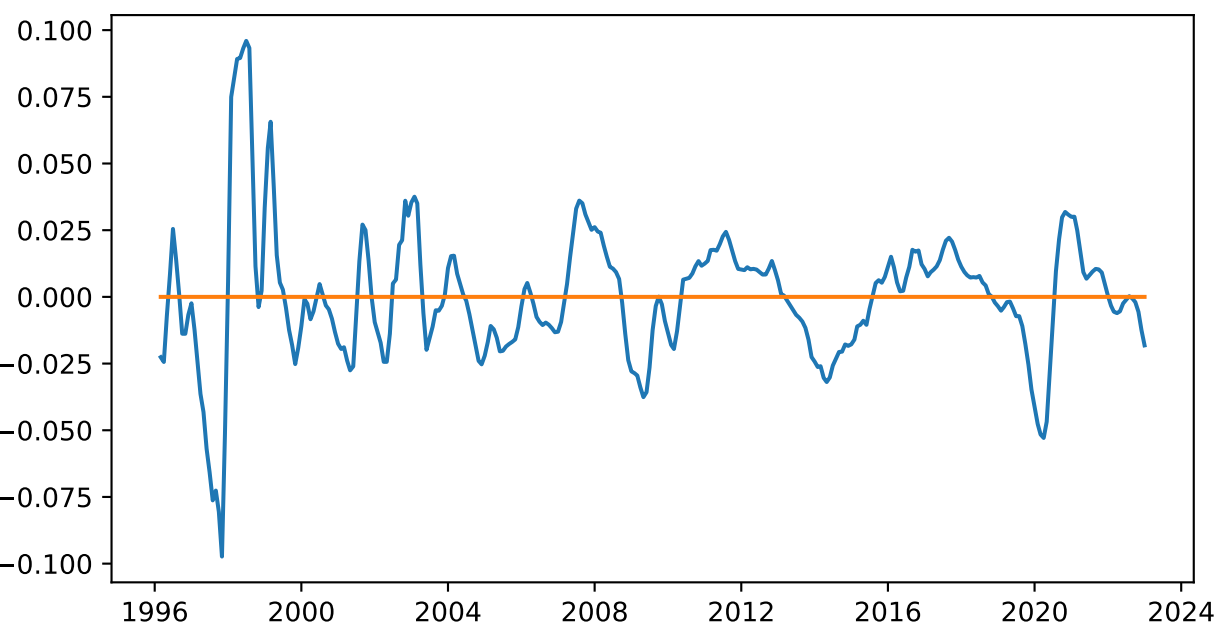
## Hamilton Filter



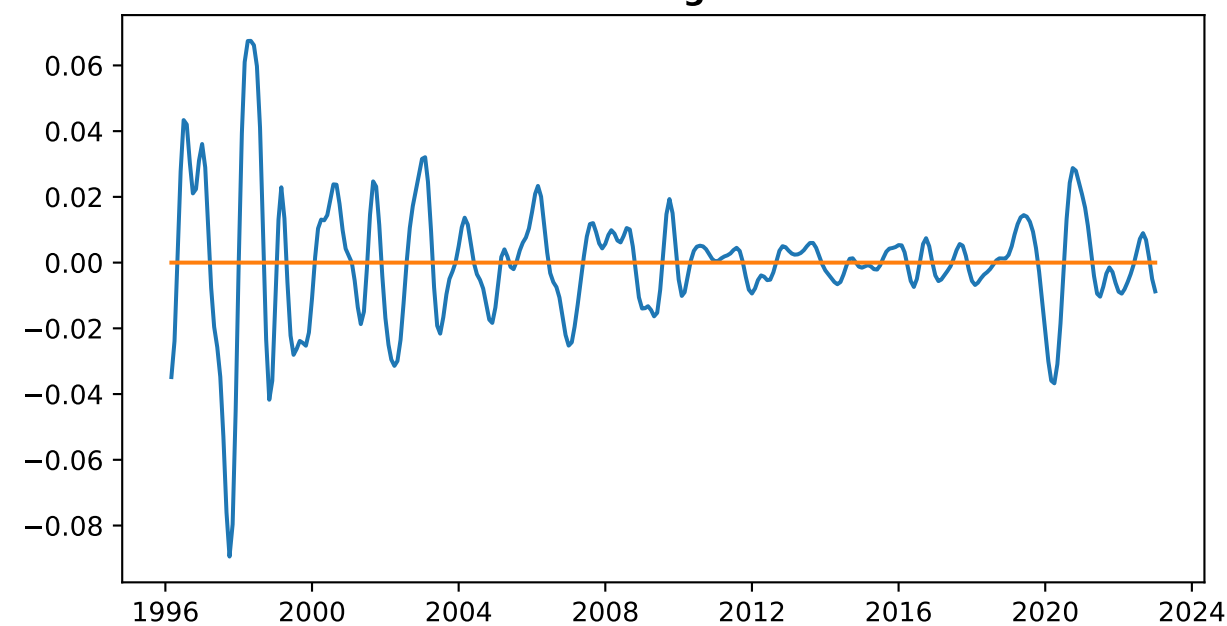
## log.Variable



## Boosted HP Filter

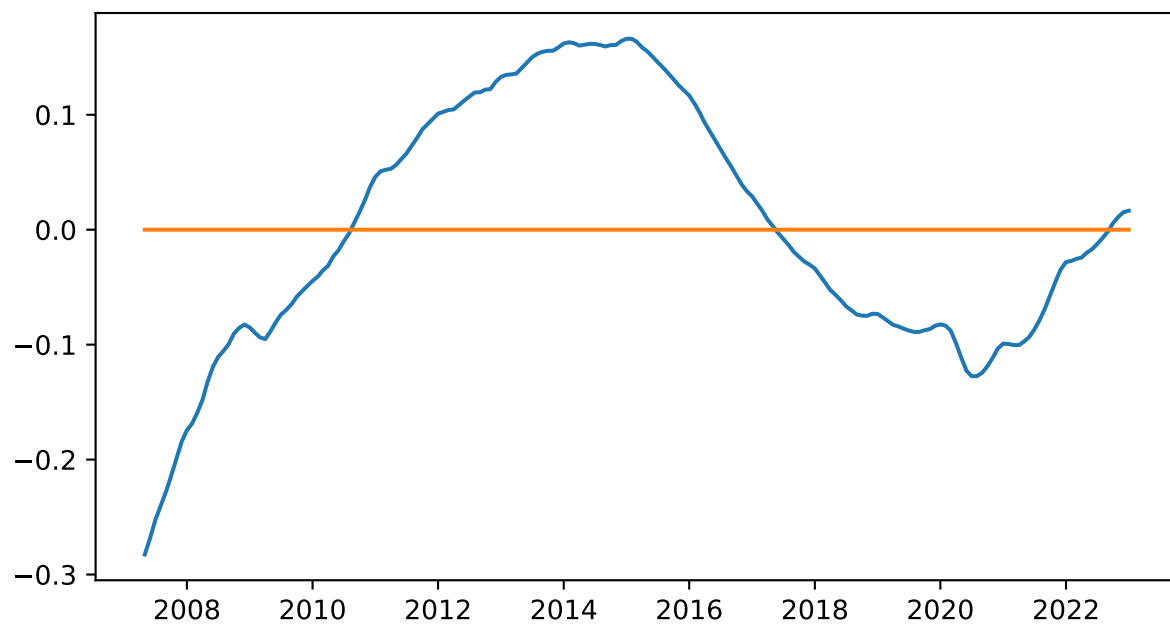


## Christiano Fitzgerald Filter

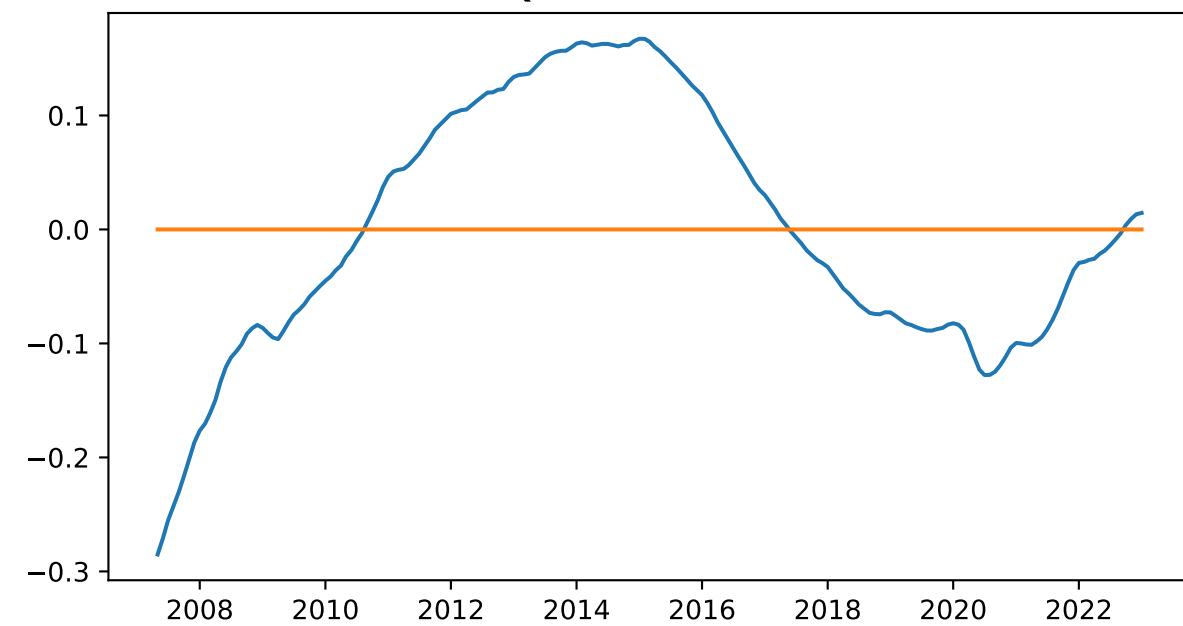


# Comparing Credit outstanding - Households - Total

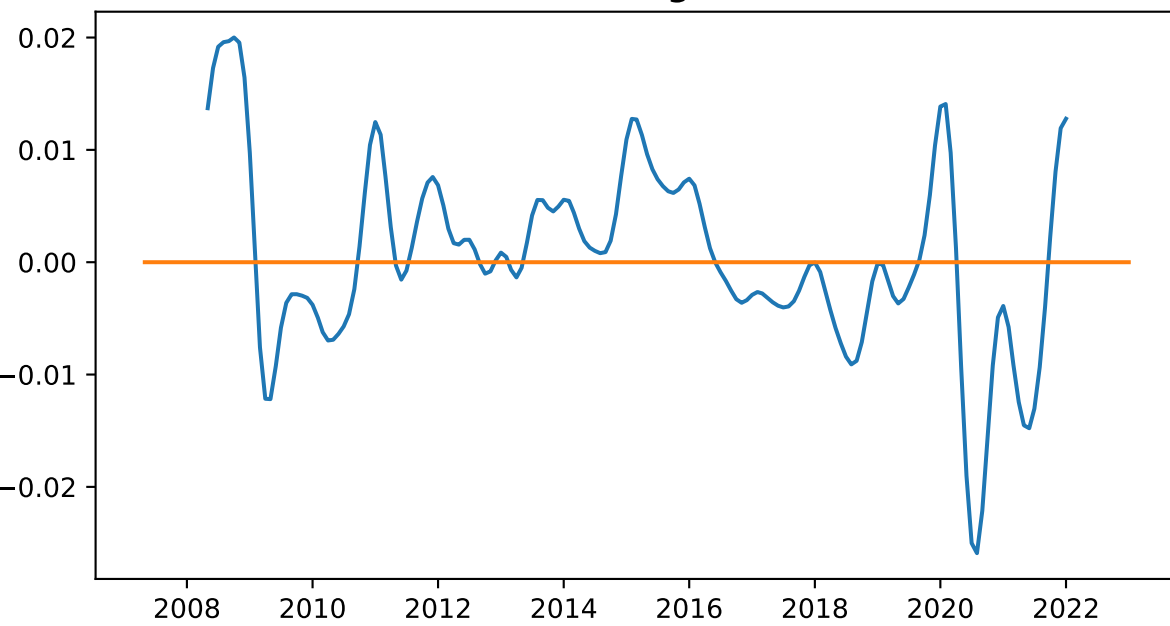
**Linear Filter**



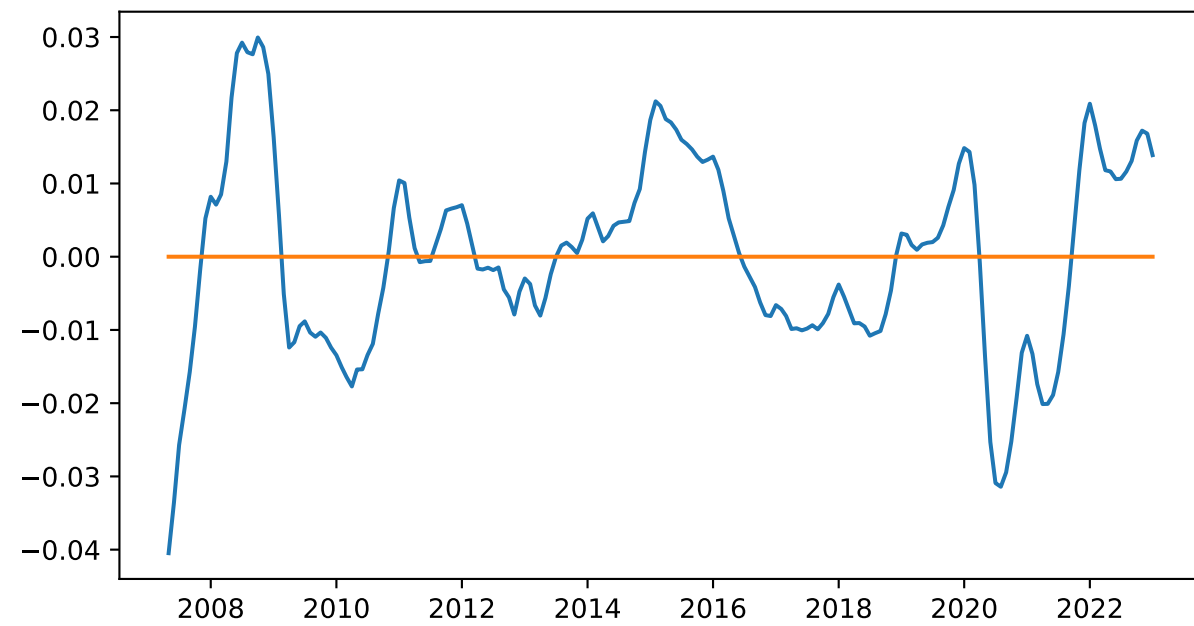
**Quadratic Filter**



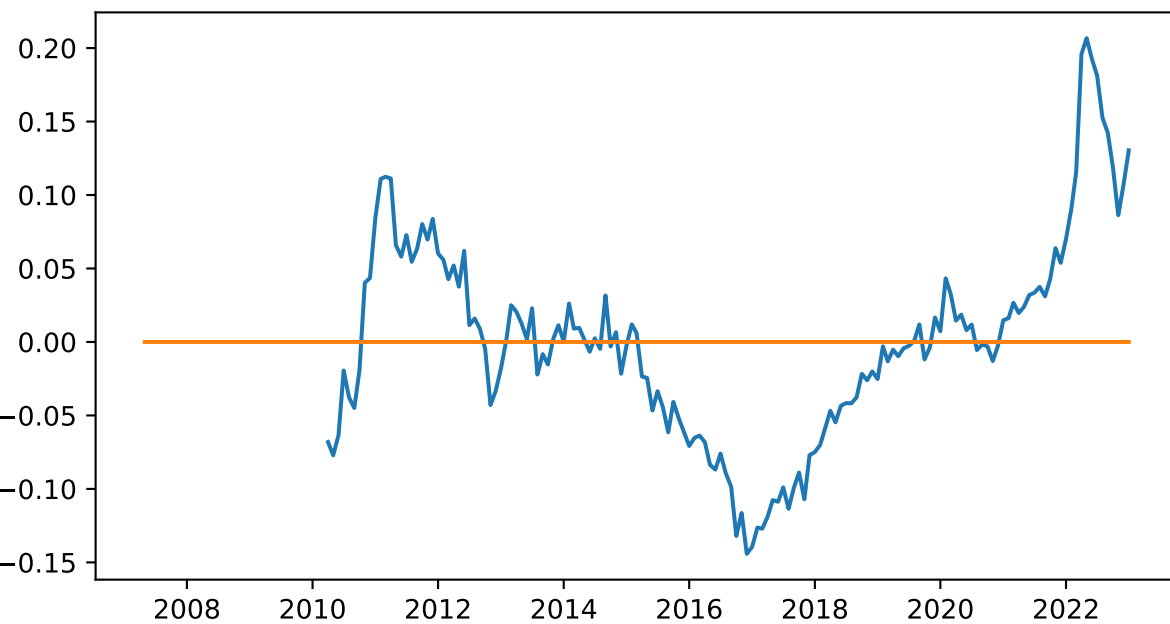
**Baxter-King Filter**



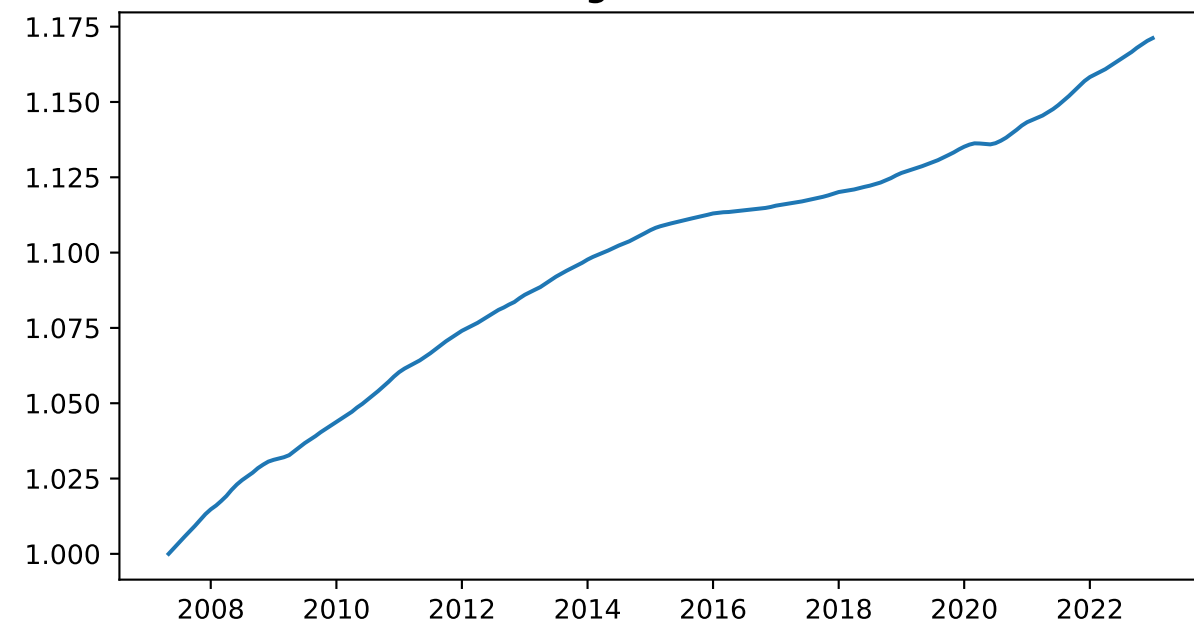
**Hodrick-Prescott Filter**



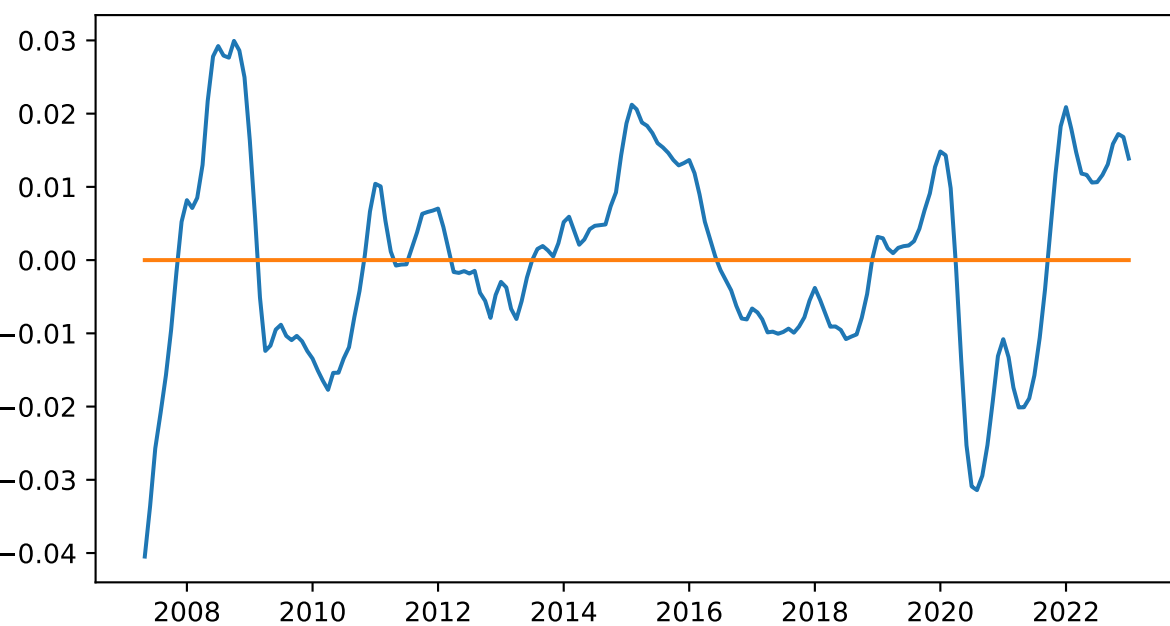
**Hamilton Filter**



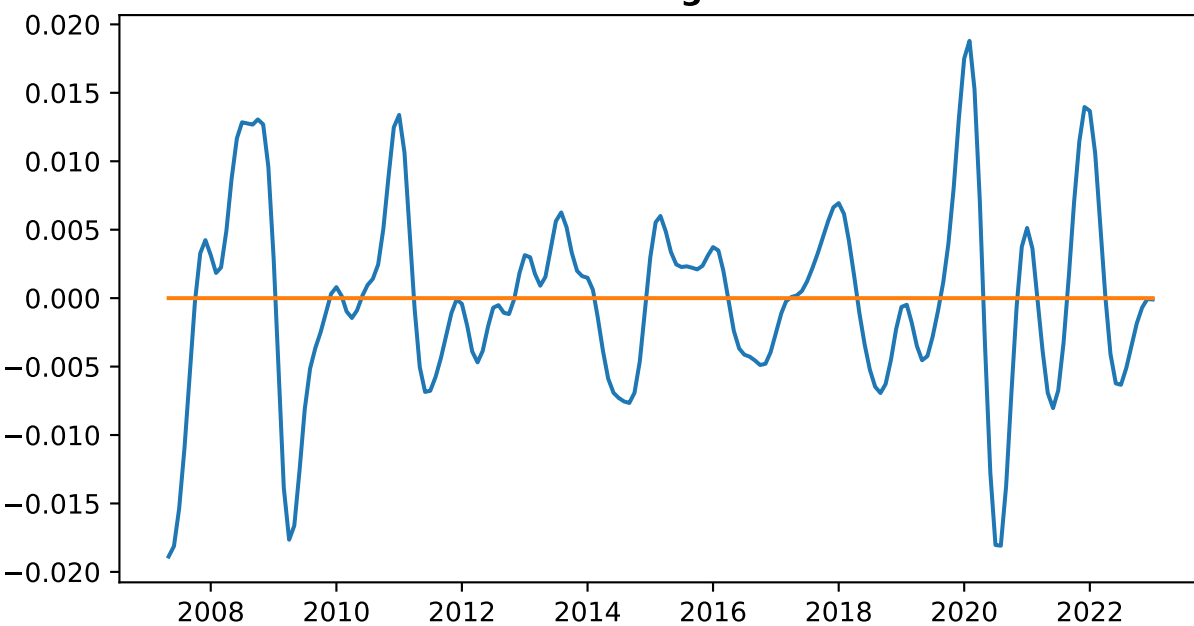
**log.Variable**



**Boosted HP Filter**

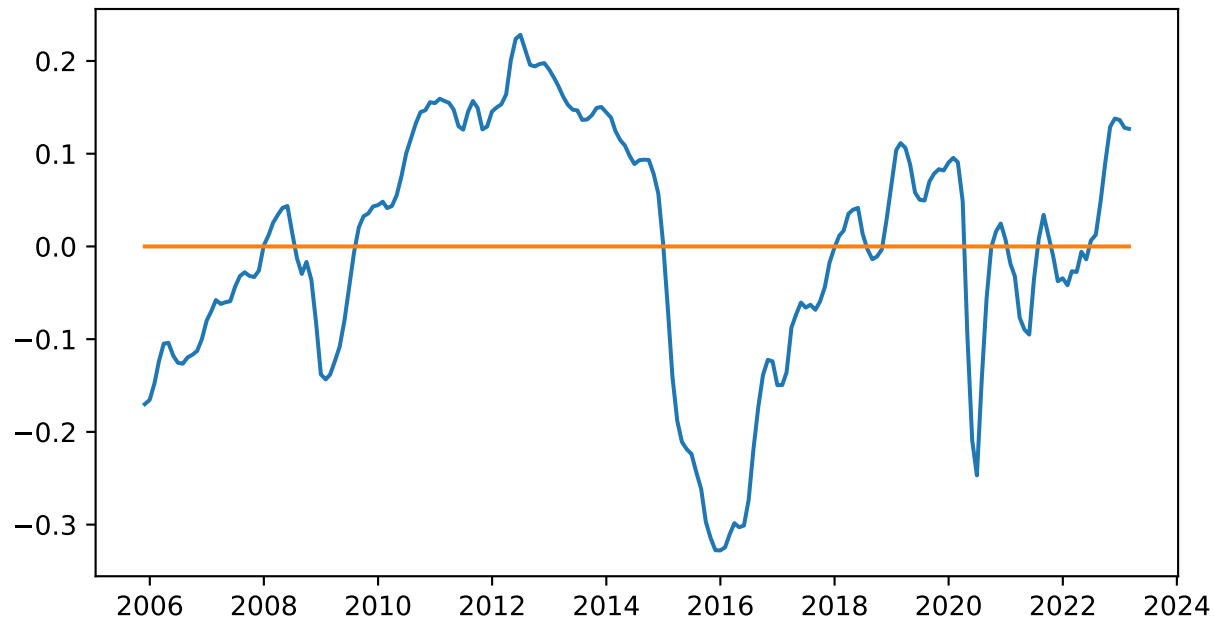


**Christiano Fitzgerald Filter**

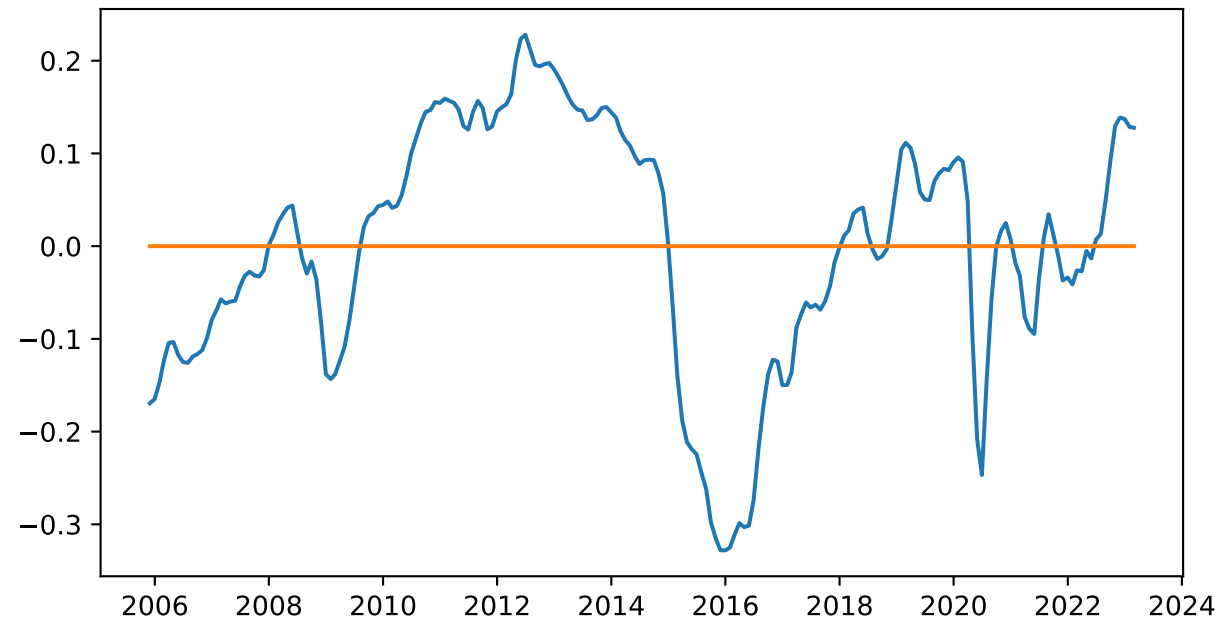


# Comparing Brazil FGV Consumer Confidence Index SA

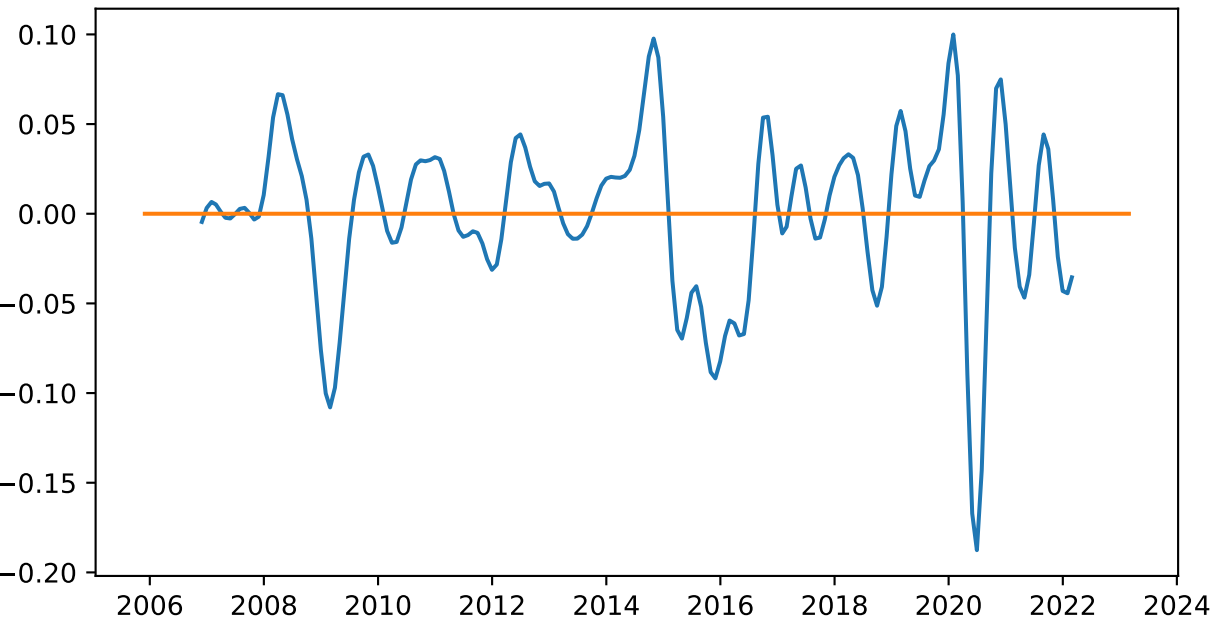
**Linear Filter**



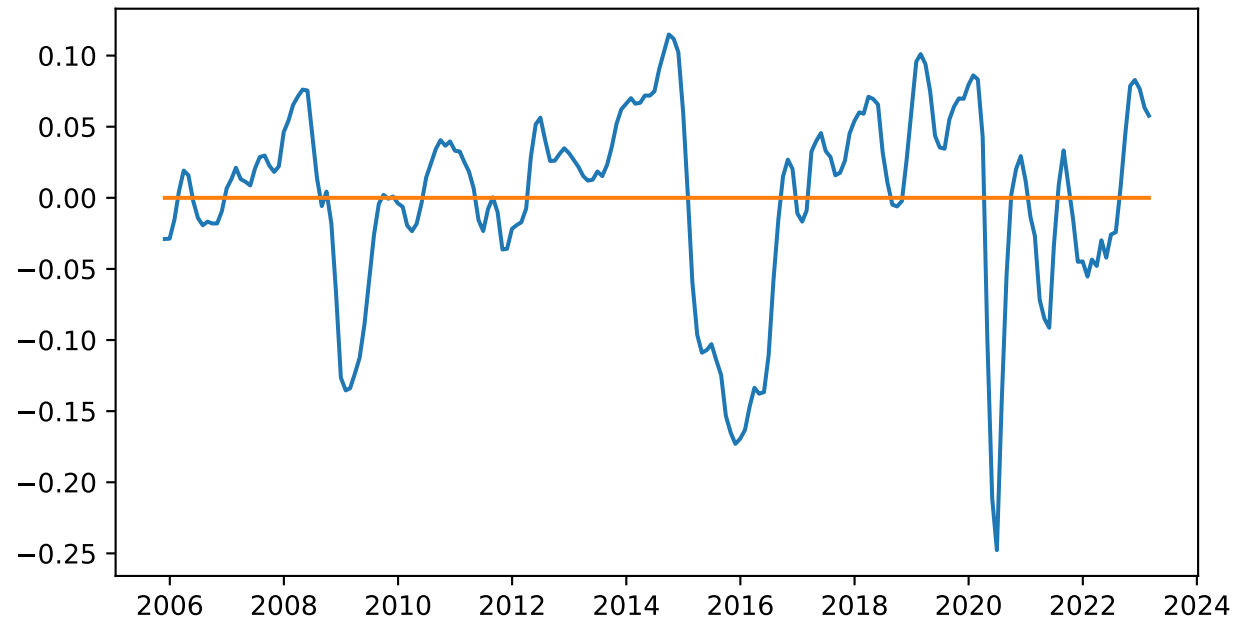
**Quadratic Filter**



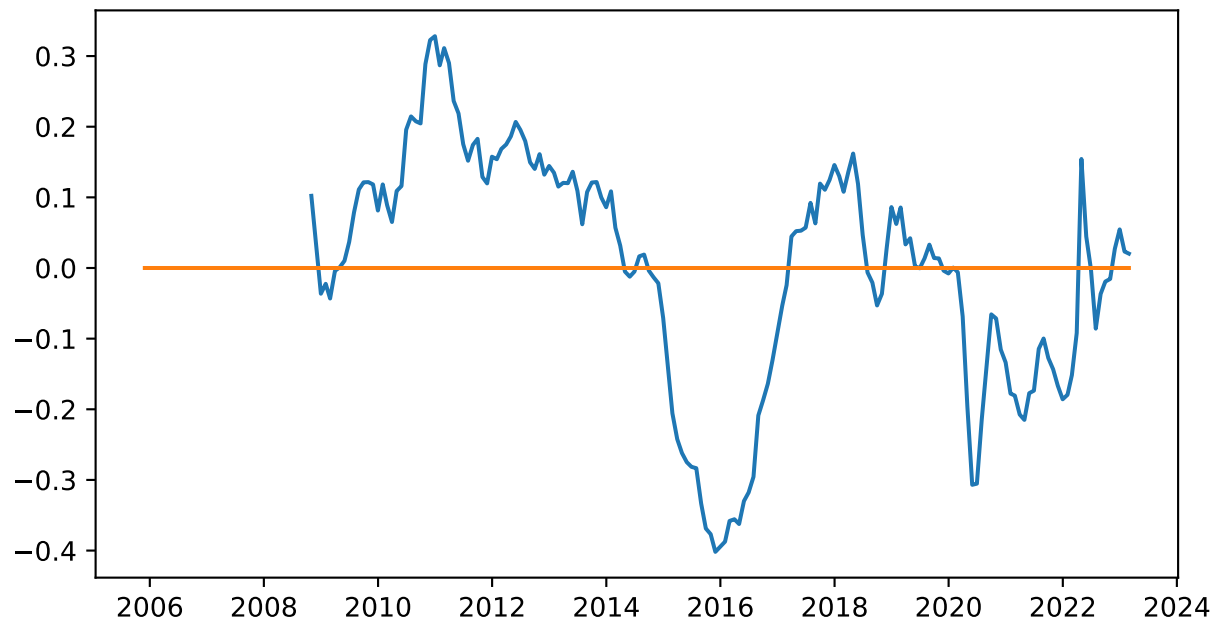
**Baxter-King Filter**



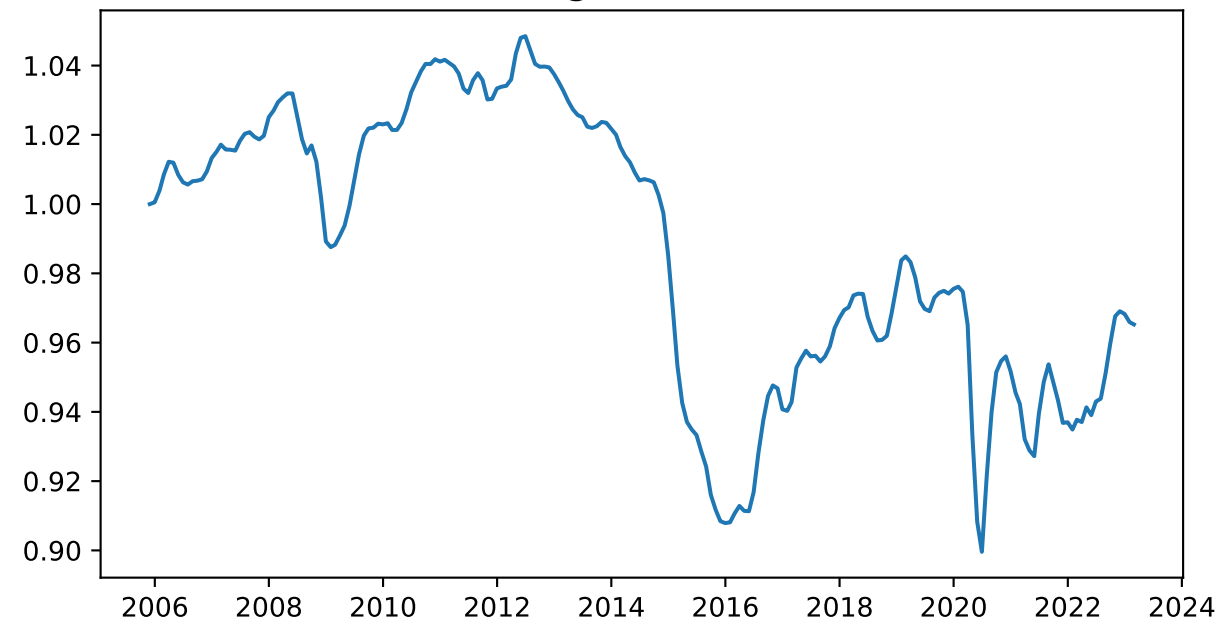
**Hodrick-Prescott Filter**



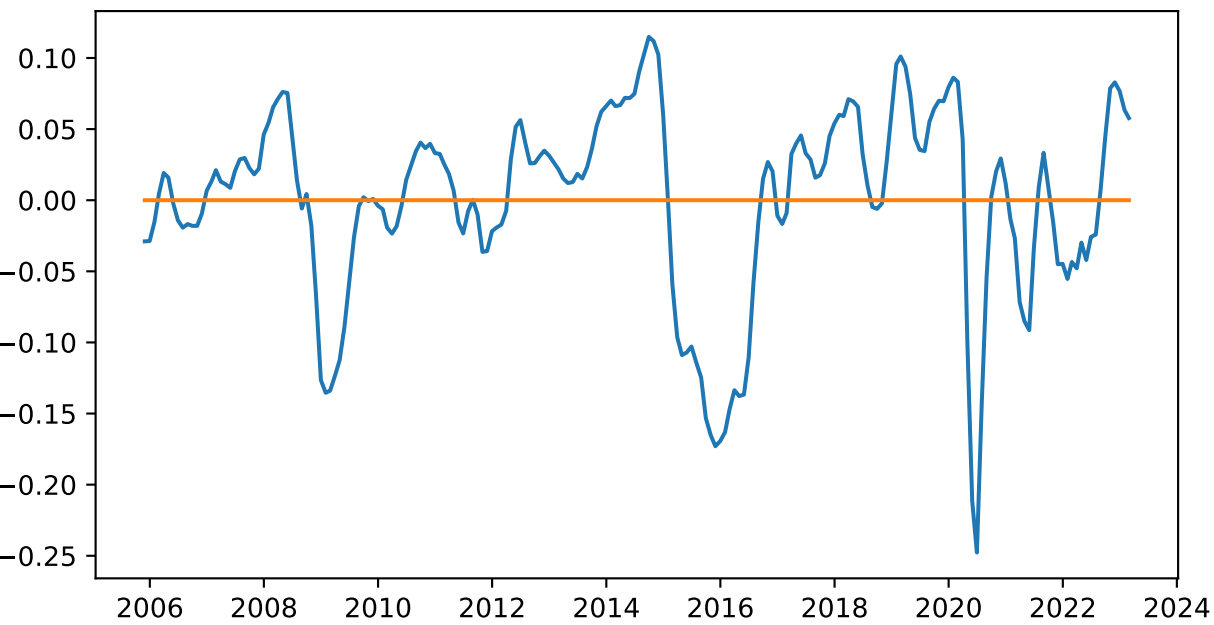
**Hamilton Filter**



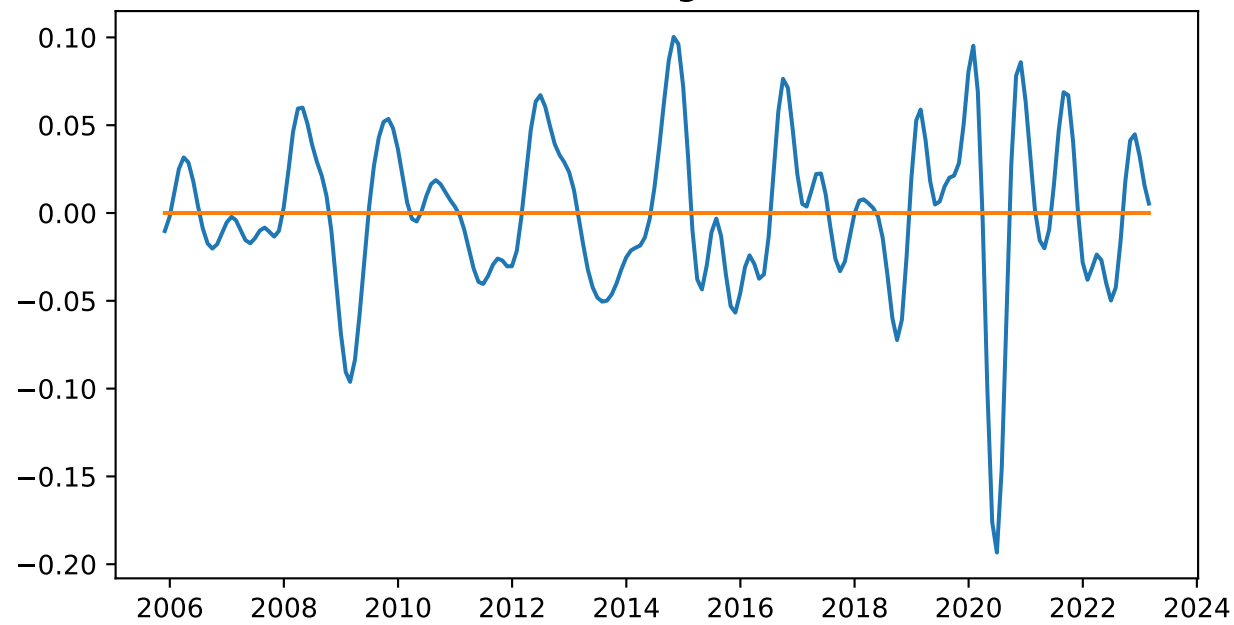
**log.Variable**



**Boosted HP Filter**

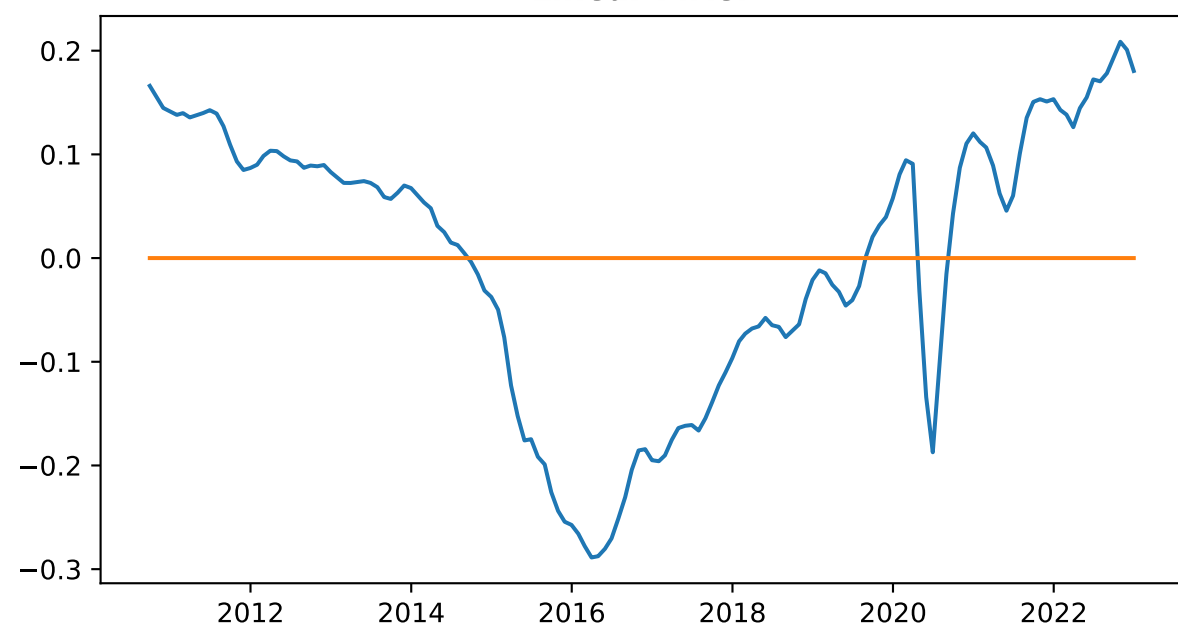


**Christiano Fitzgerald Filter**

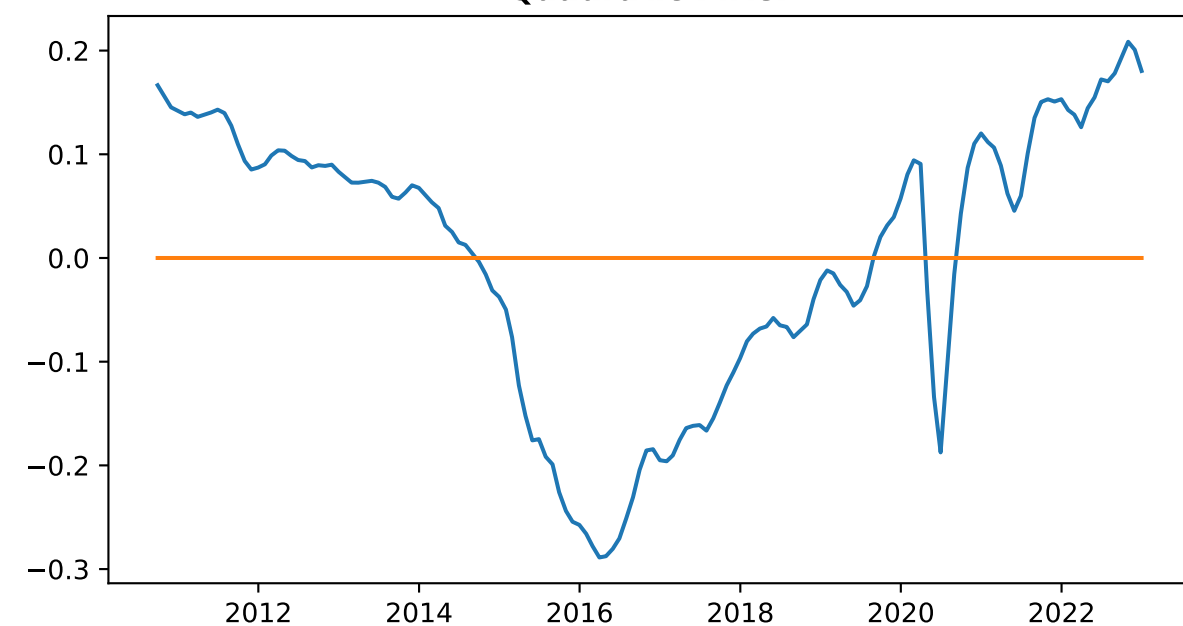


# Comparing Brazil Construction Confidence Index SA

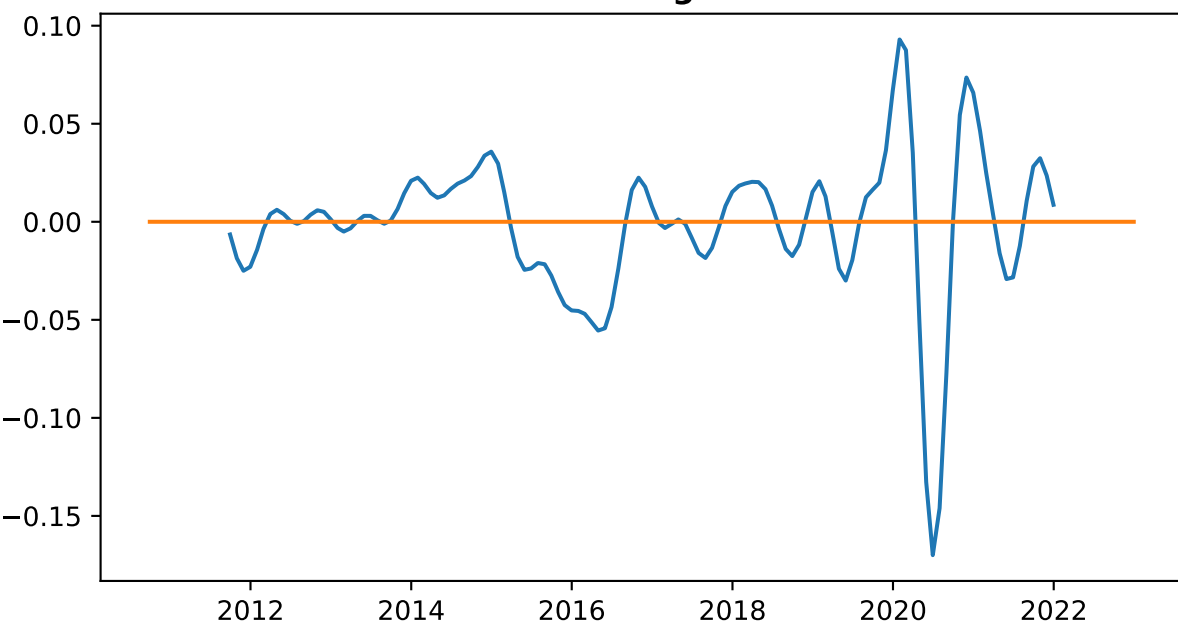
**Linear Filter**



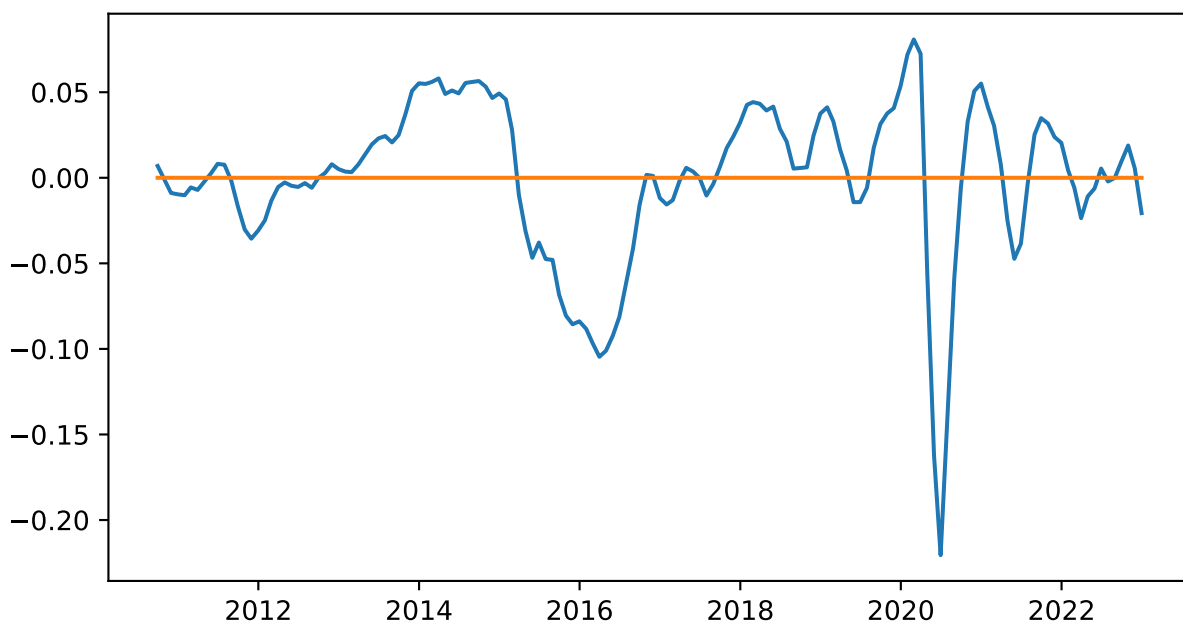
**Quadratic Filter**



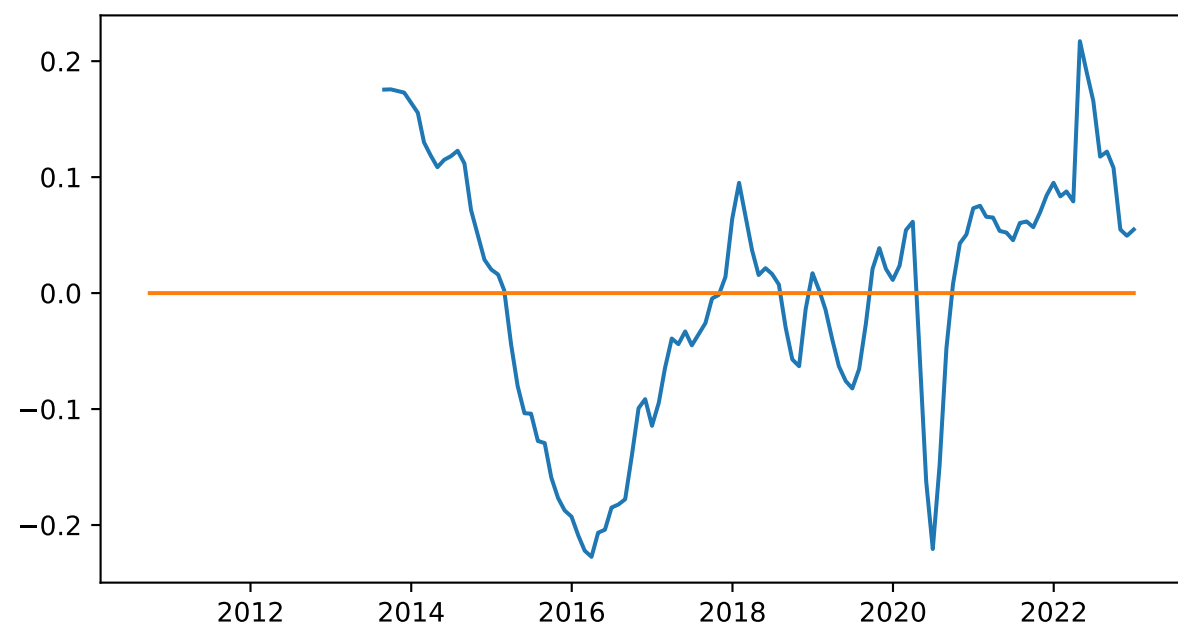
**Baxter-King Filter**



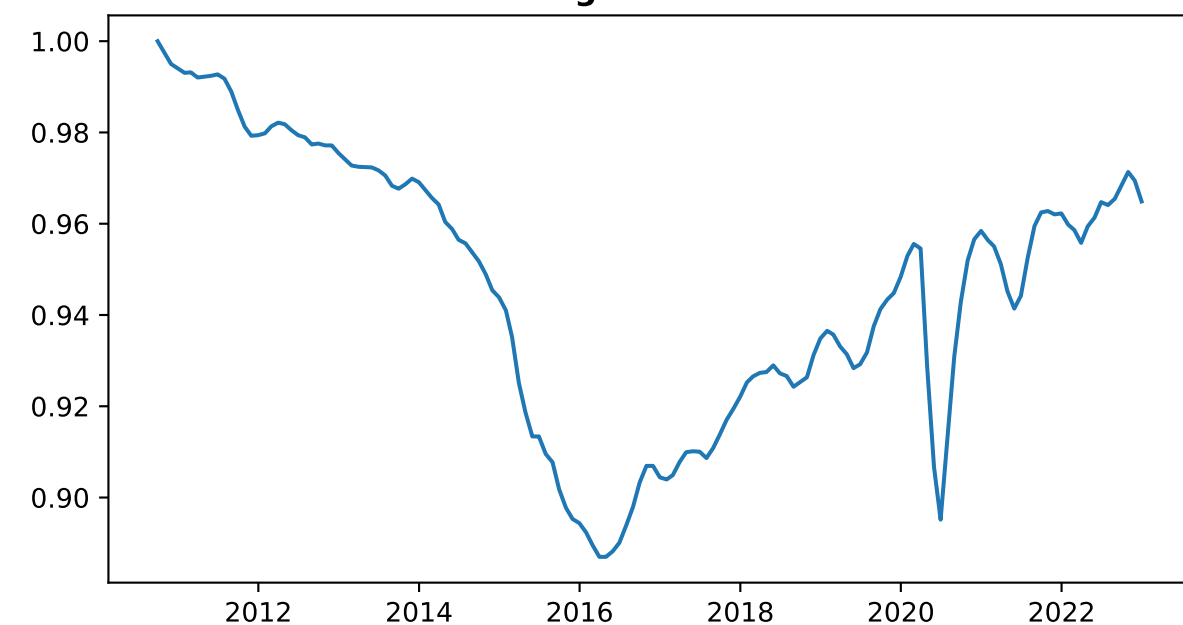
**Hodrick-Prescott Filter**



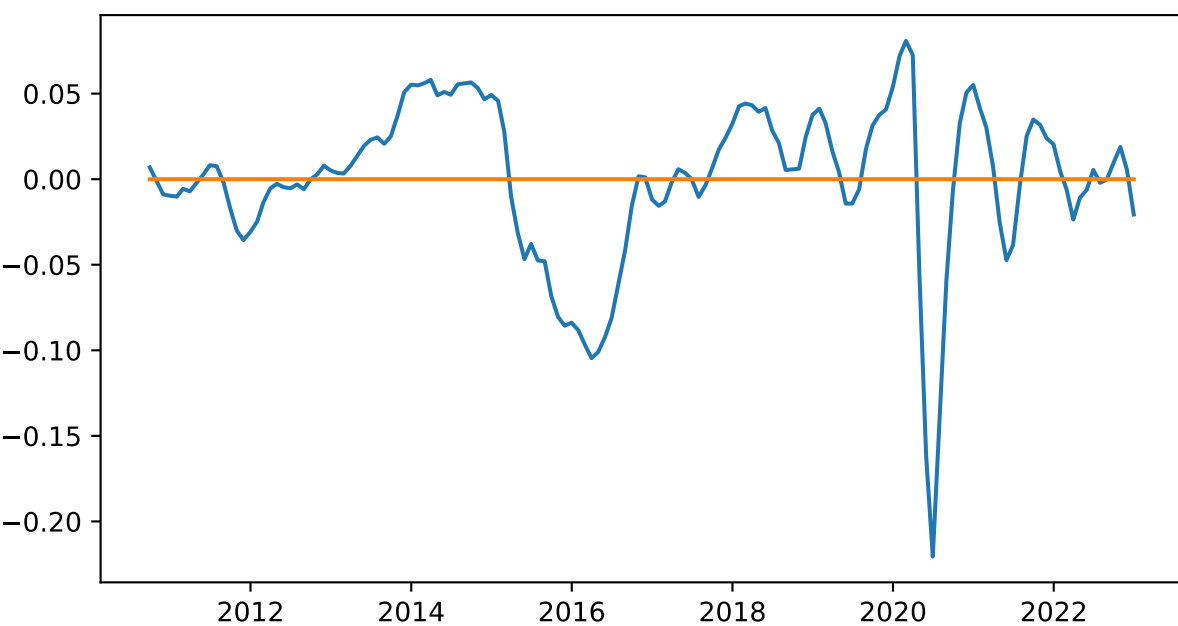
**Hamilton Filter**



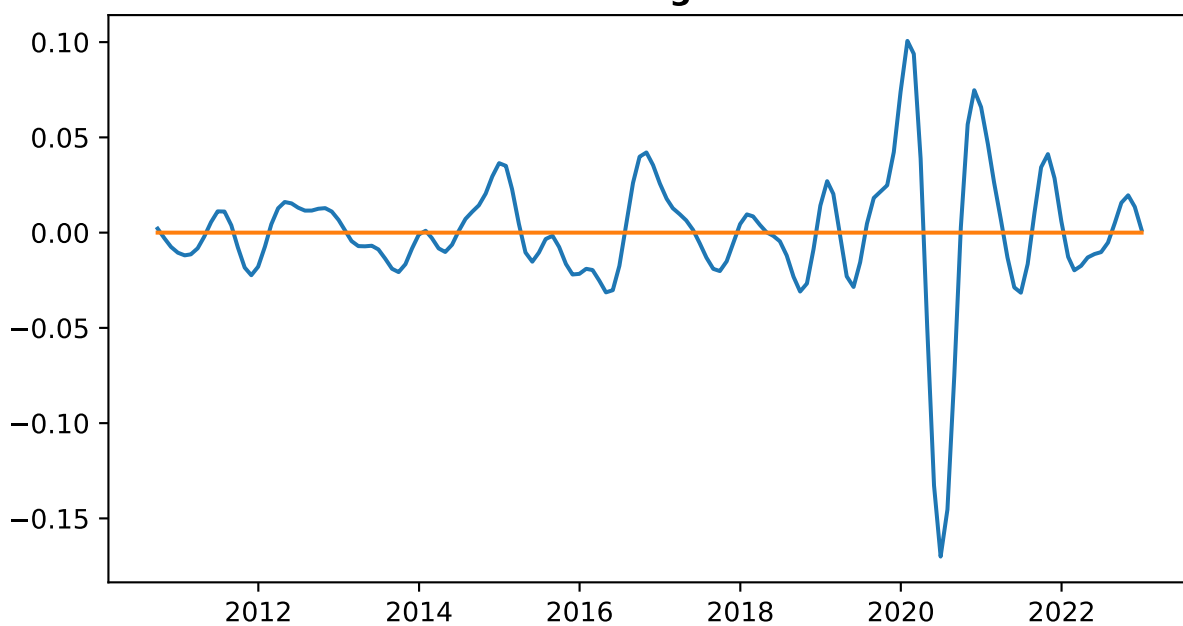
**log.Variable**



**Boosted HP Filter**

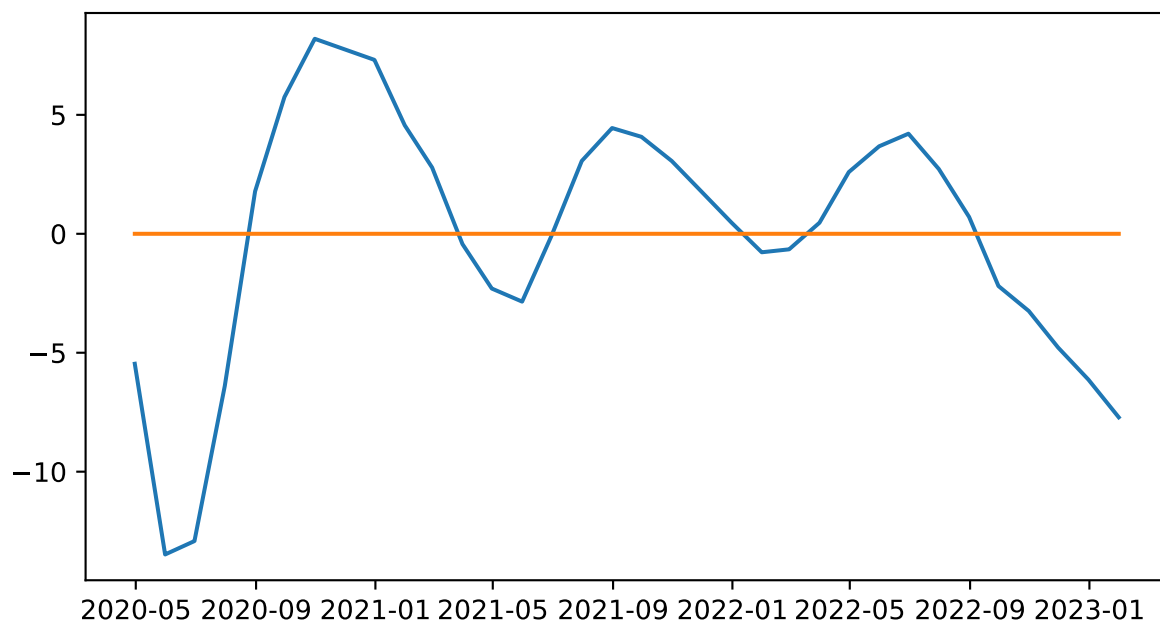


**Christiano Fitzgerald Filter**

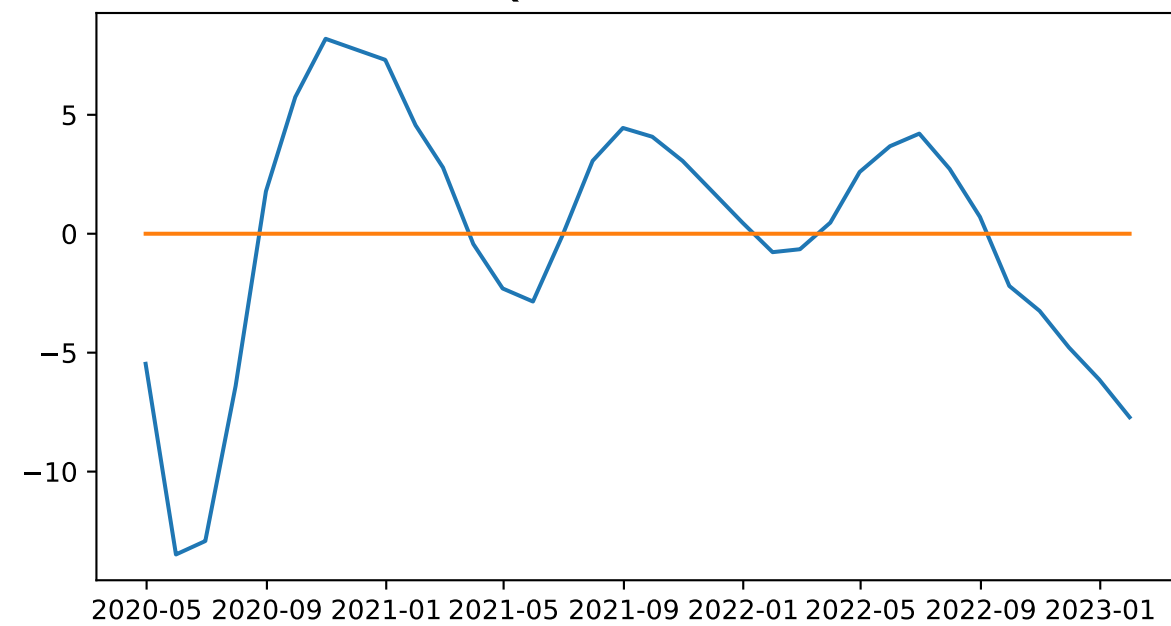


# Comparing Brazil Composite PMI Output SA

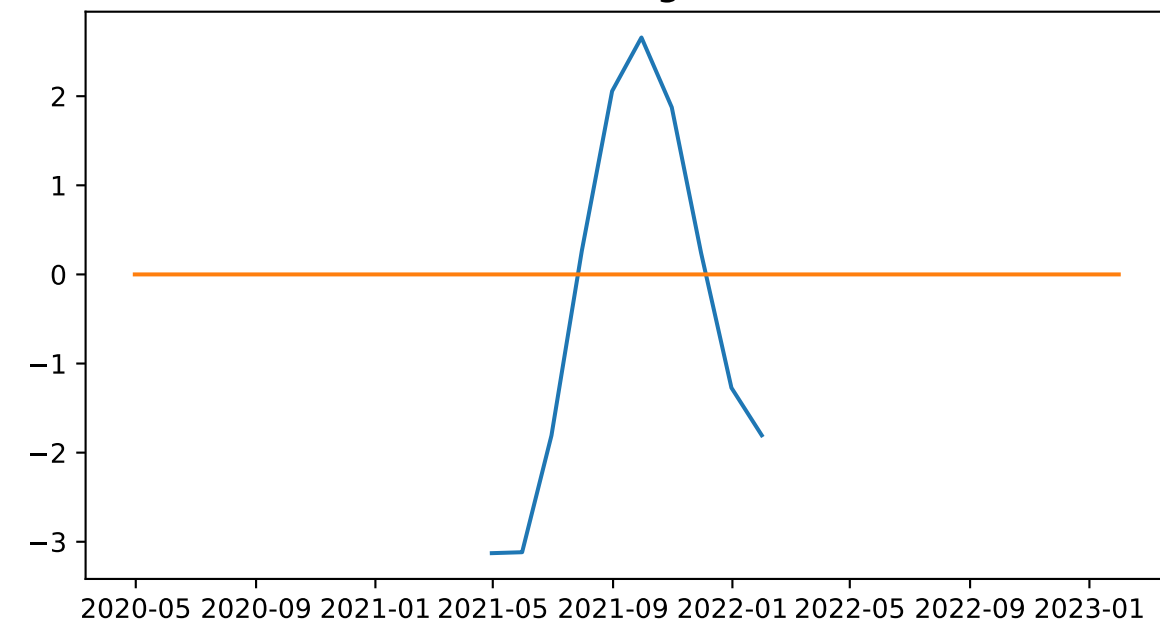
## Linear Filter



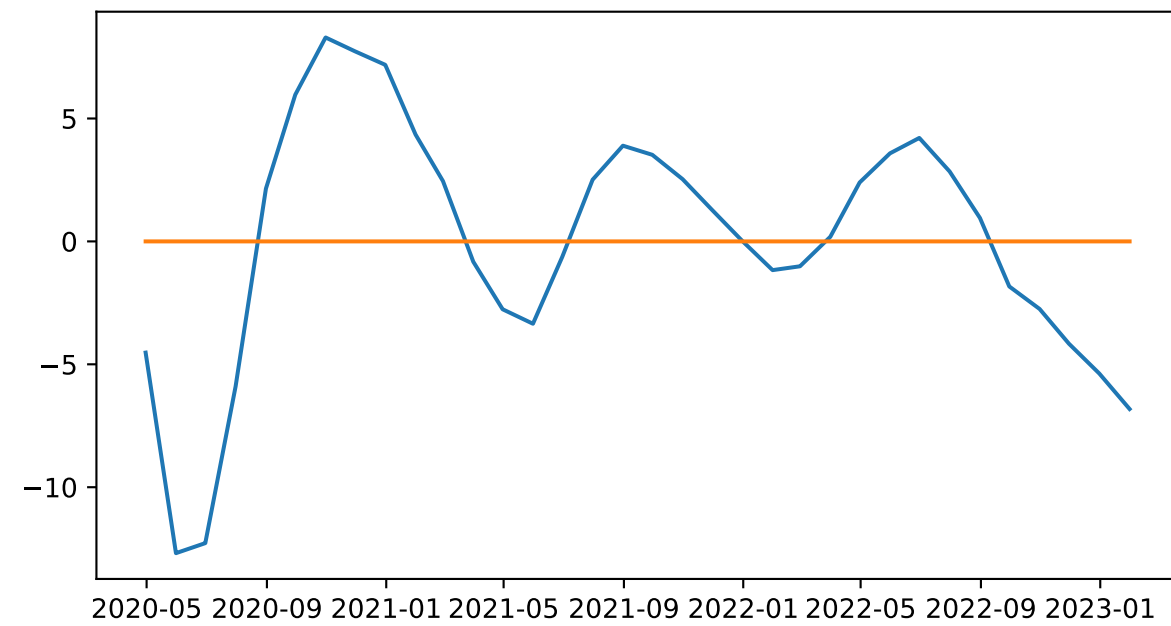
## Quadratic Filter



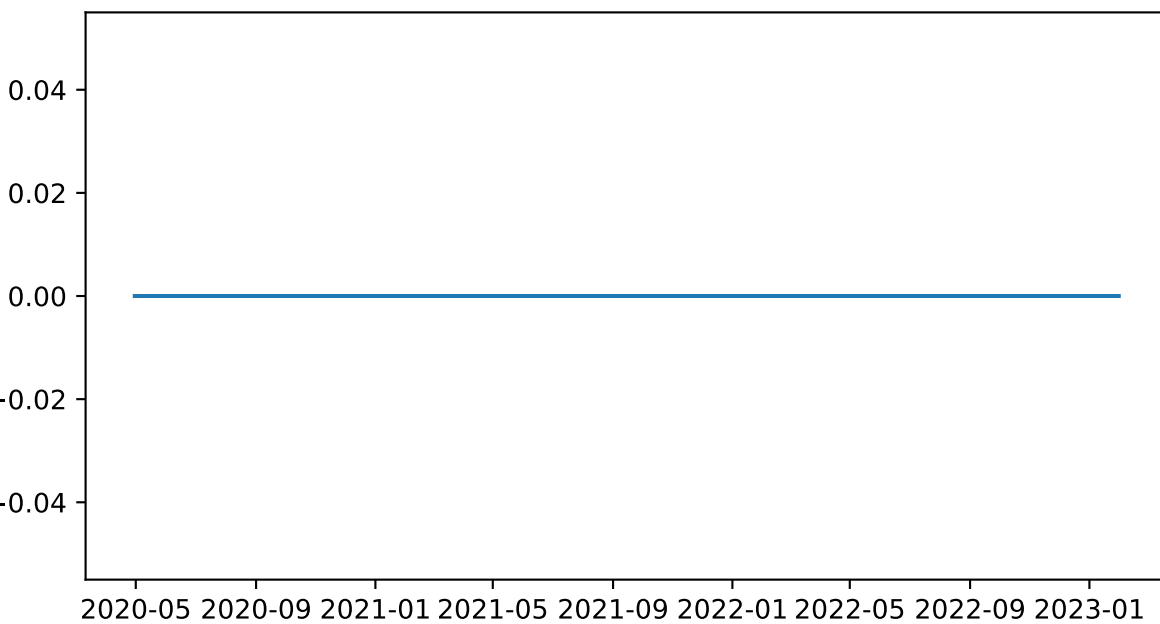
## Baxter-King Filter



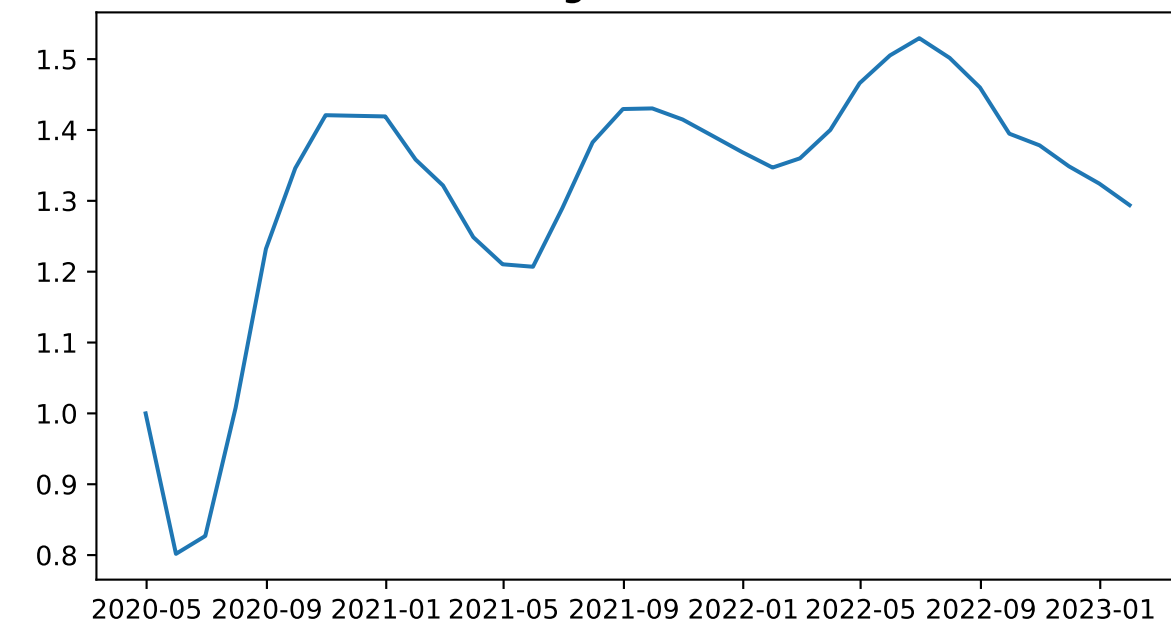
## Hodrick-Prescott Filter



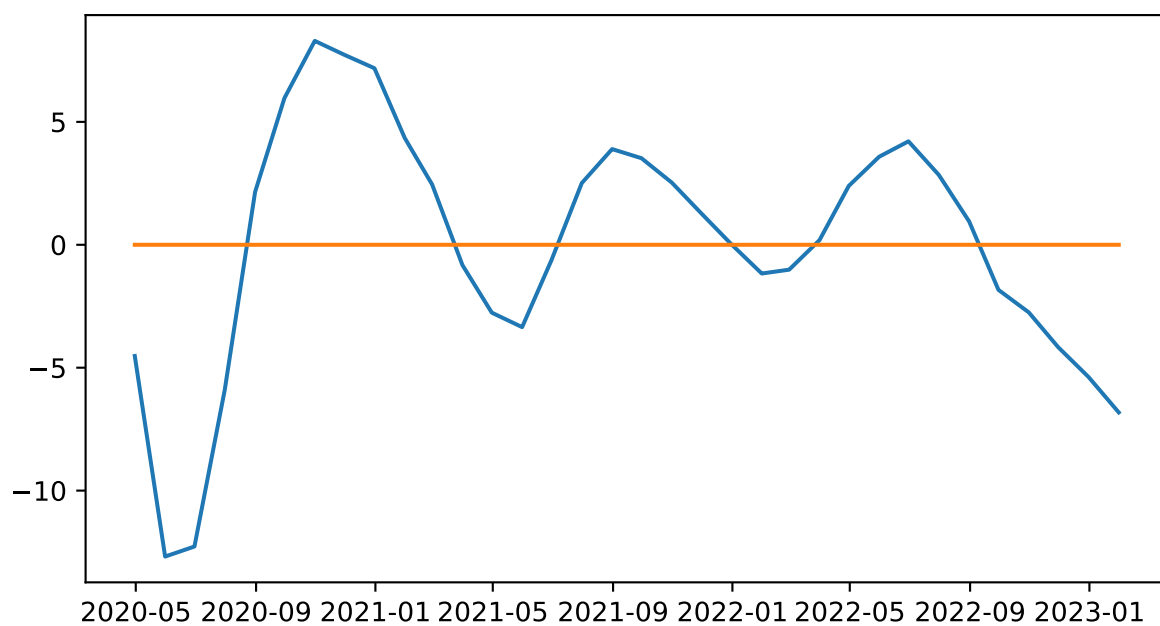
## Hamilton Filter



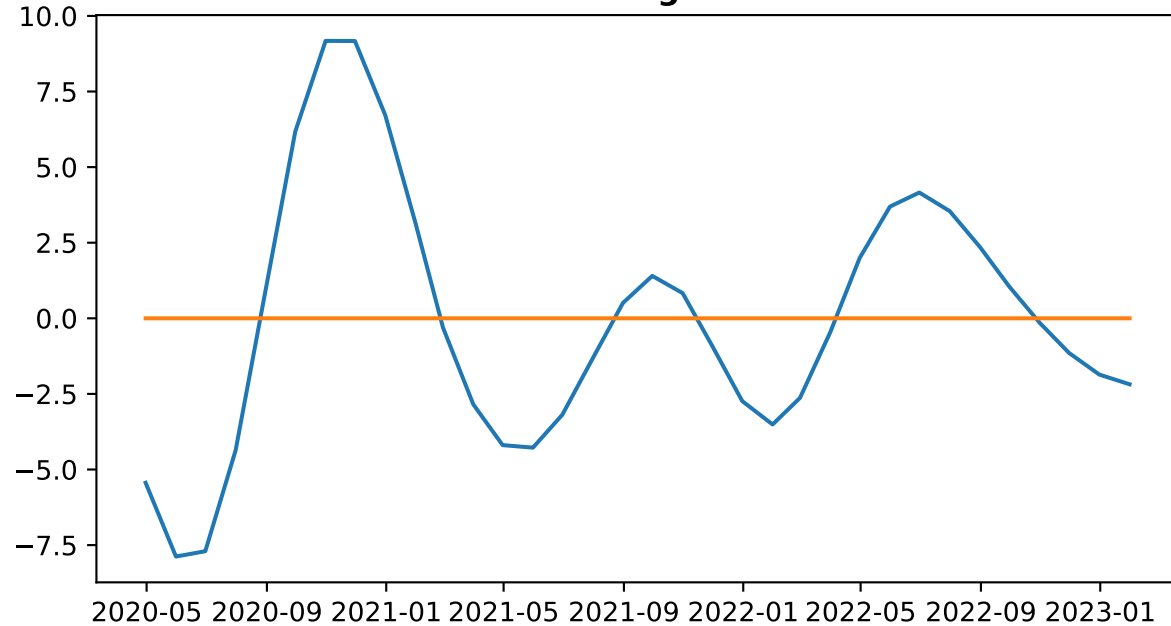
## log.Variable



## Boosted HP Filter

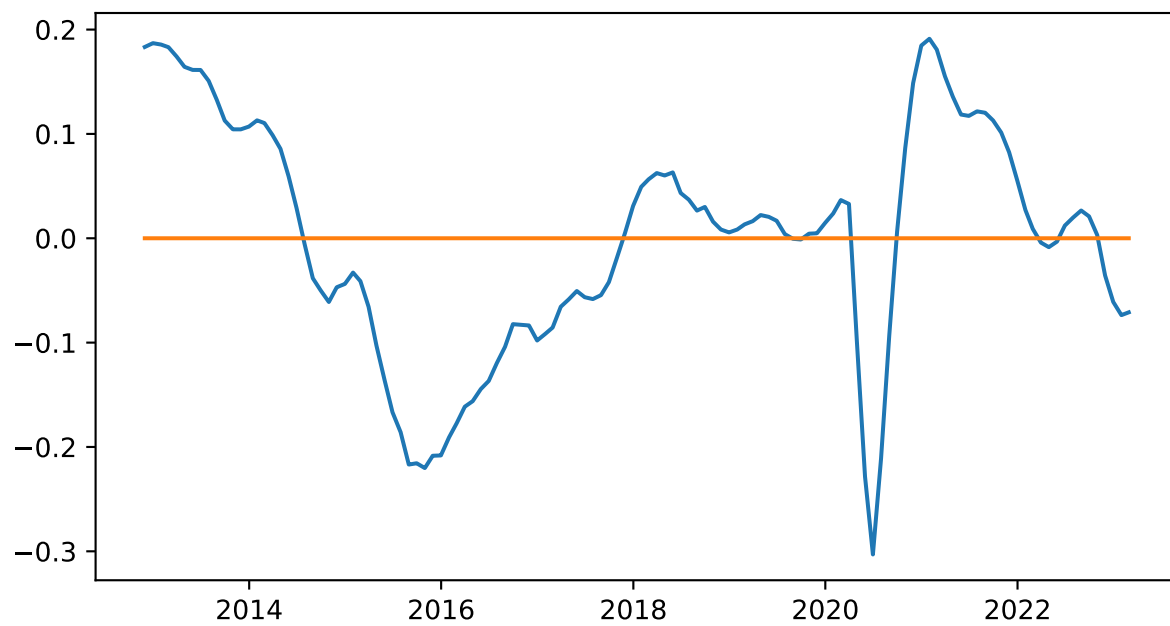


## Christiano Fitzgerald Filter

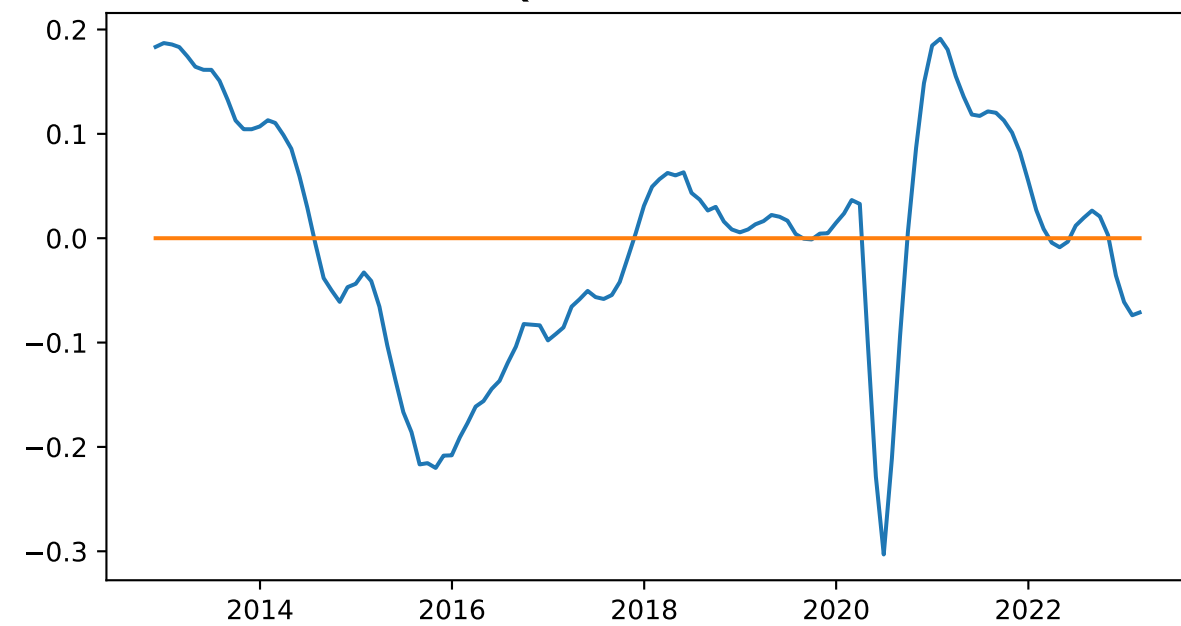


# Comparing FGV Brazil Industrial Confidence Indicator Current Situation SA

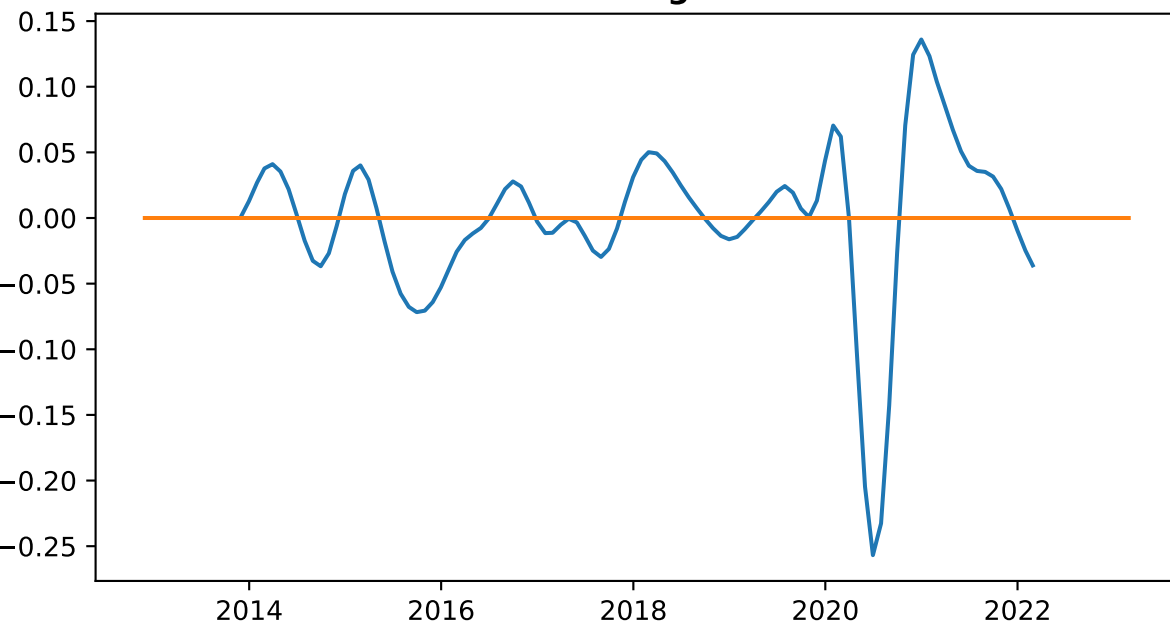
**Linear Filter**



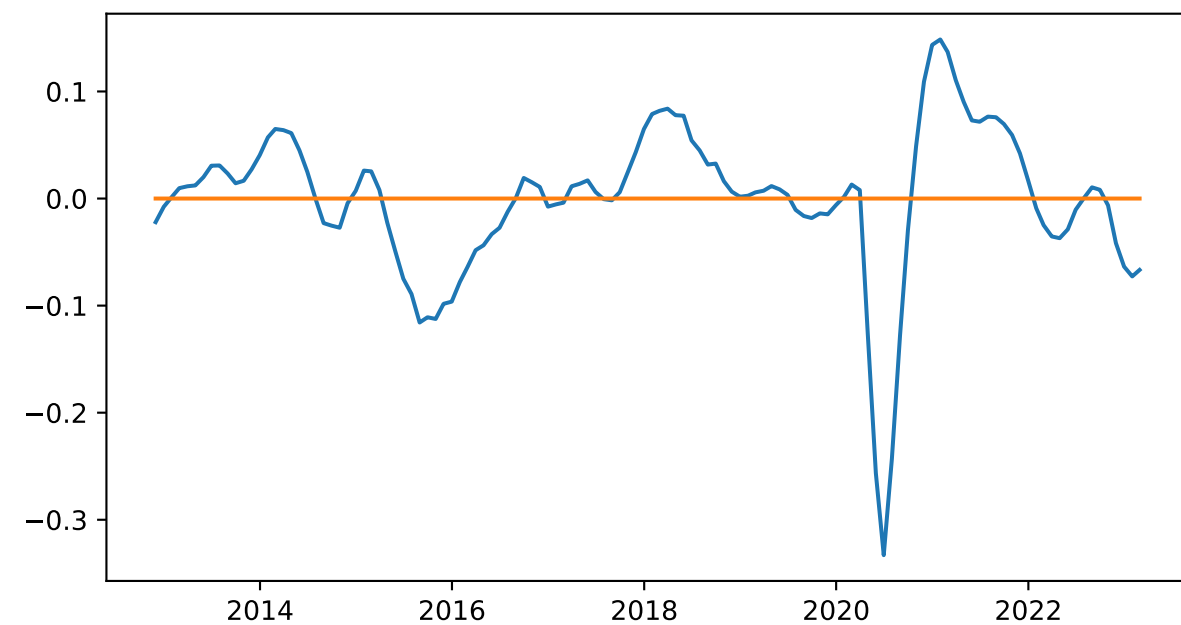
**Quadratic Filter**



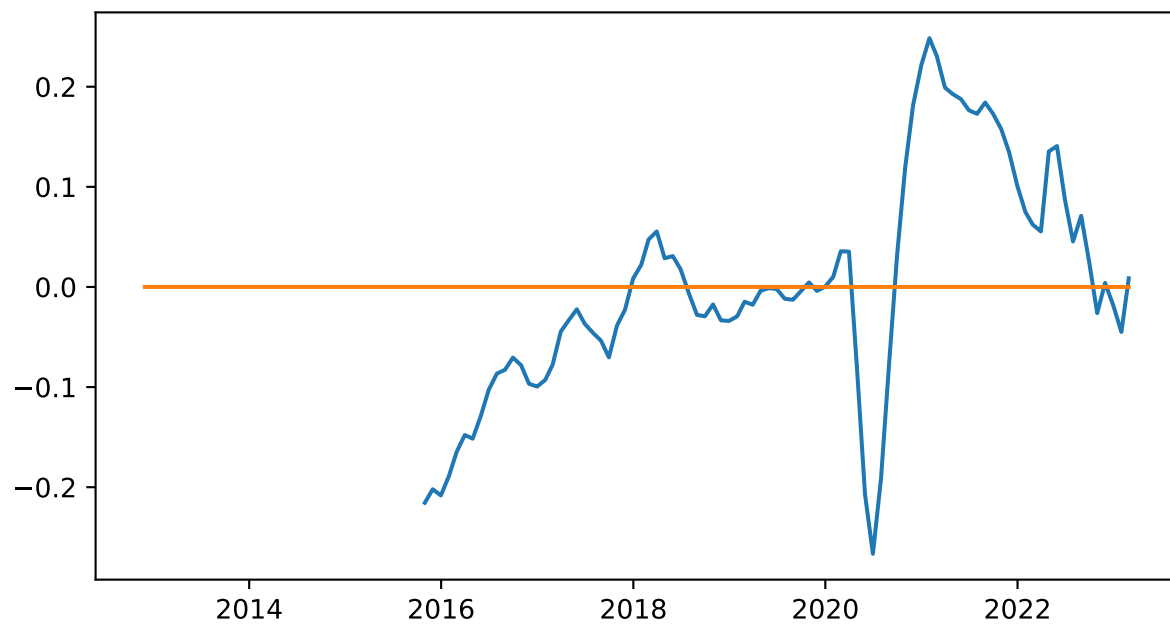
**Baxter-King Filter**



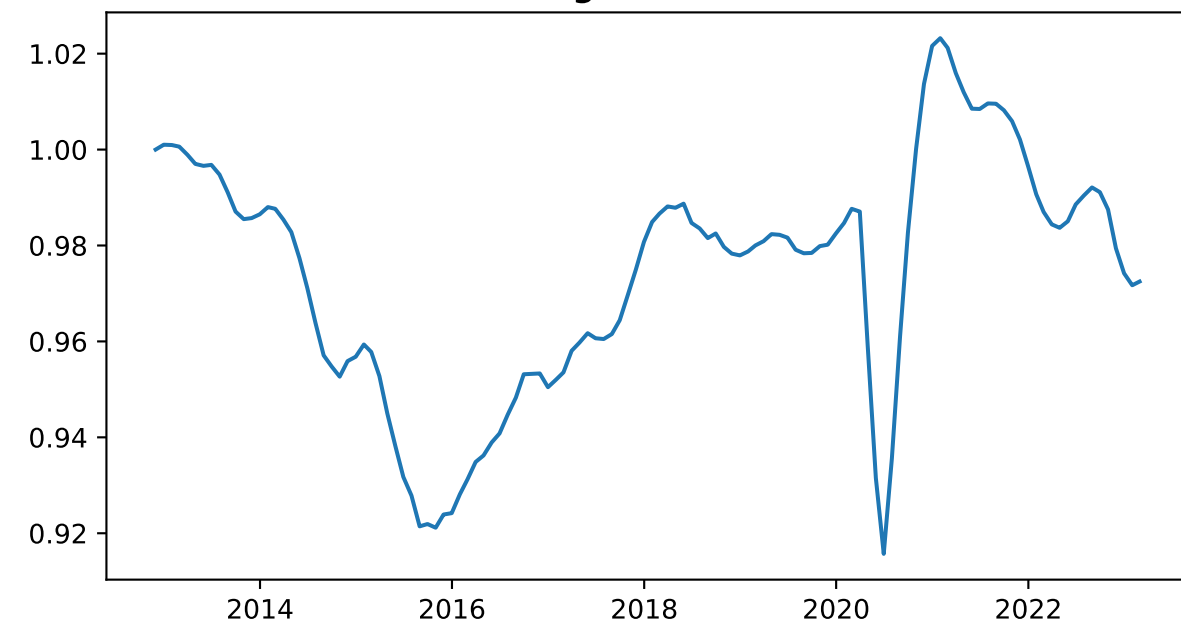
**Hodrick-Prescott Filter**



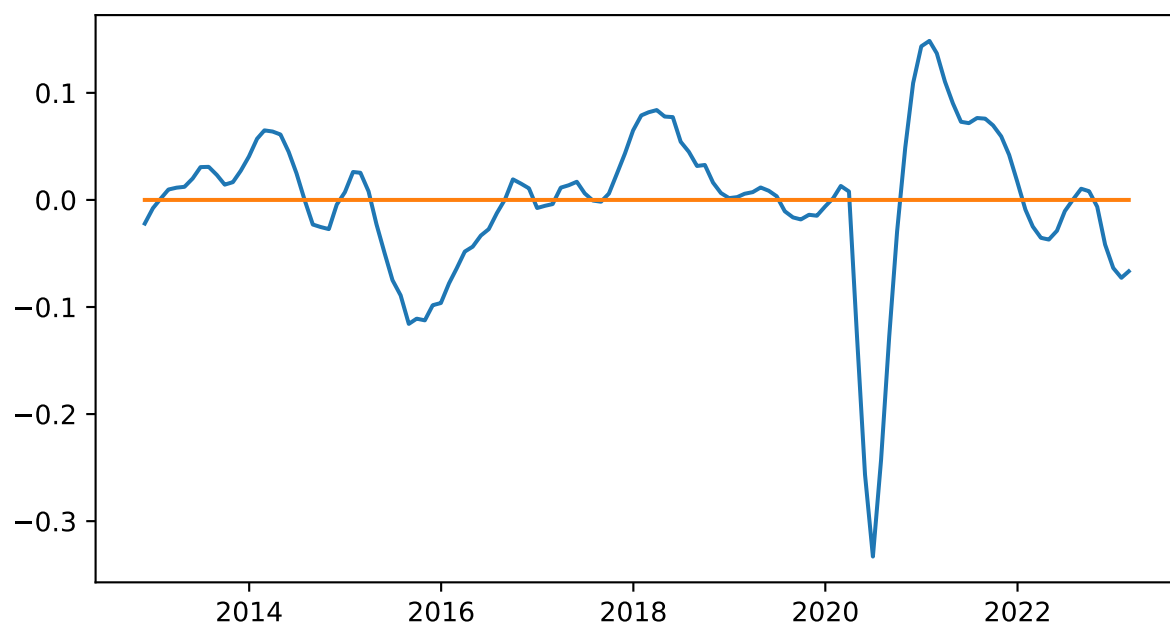
**Hamilton Filter**



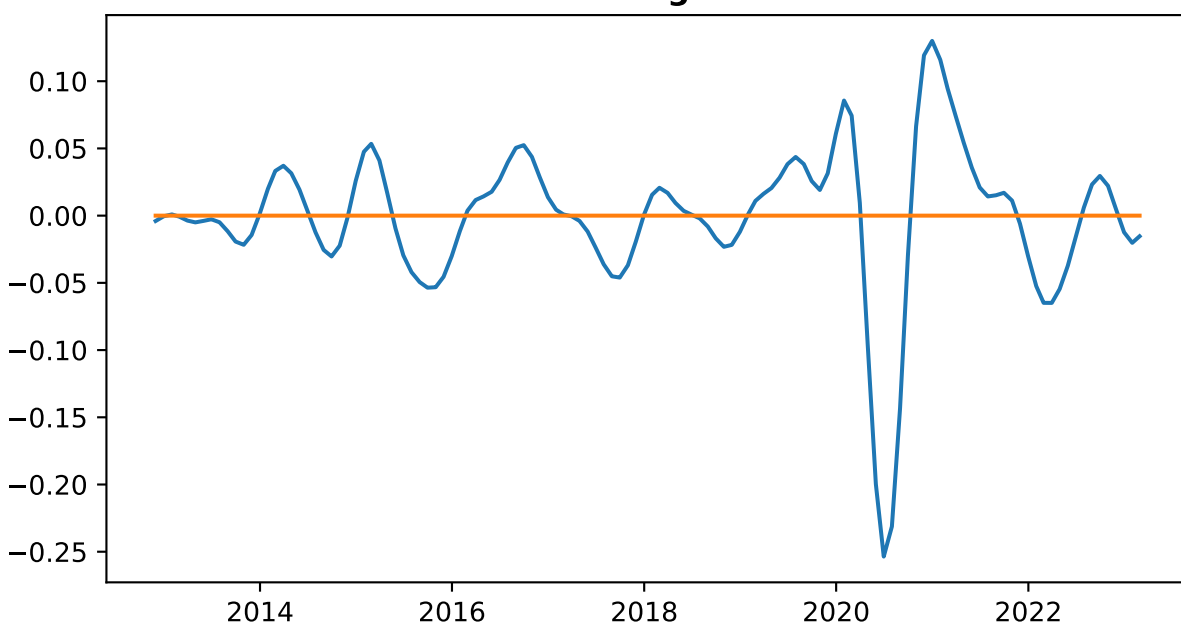
**log.Variable**



**Boosted HP Filter**

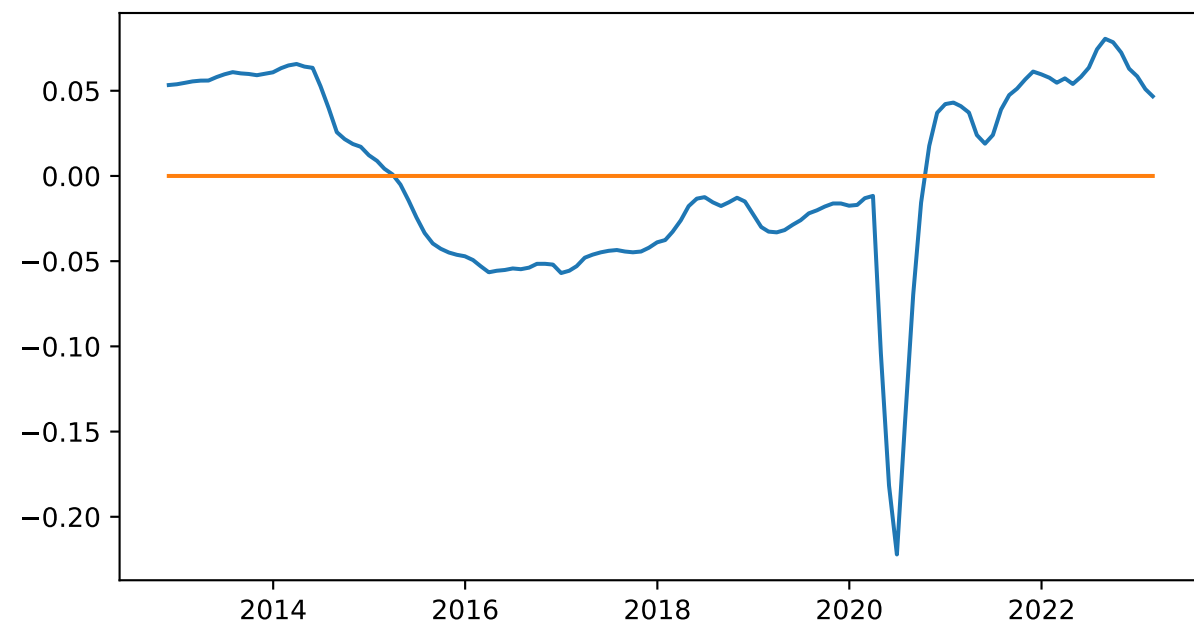


**Christiano Fitzgerald Filter**

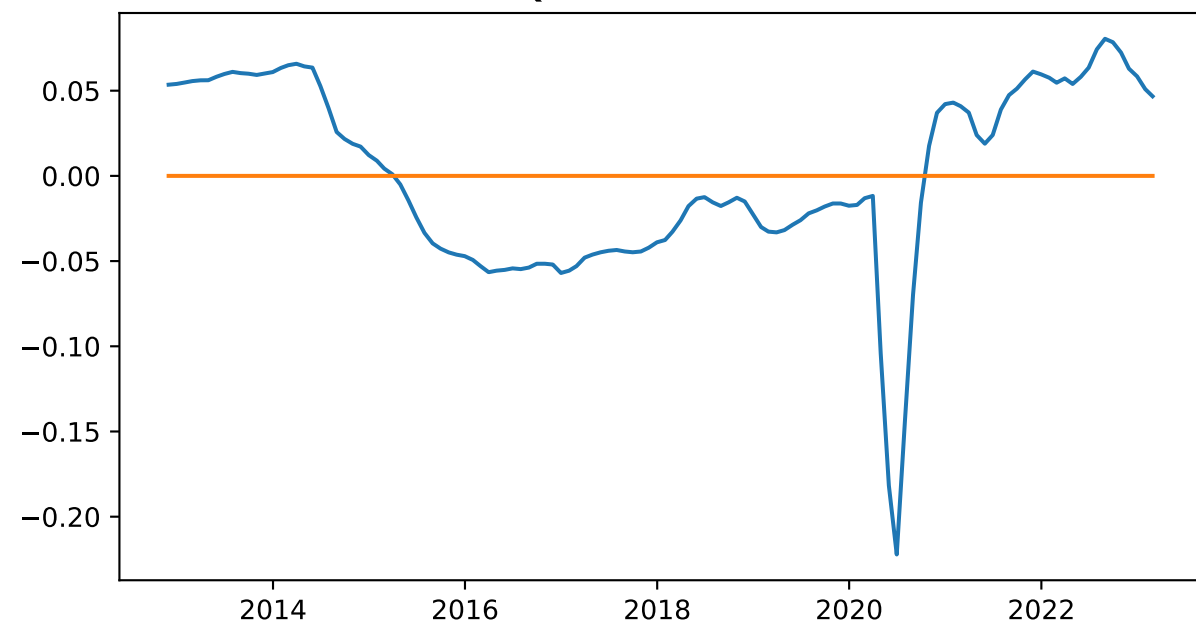


# Comparing FGV Brazil Industrial Confidence Indicator Capacity Utilization SA

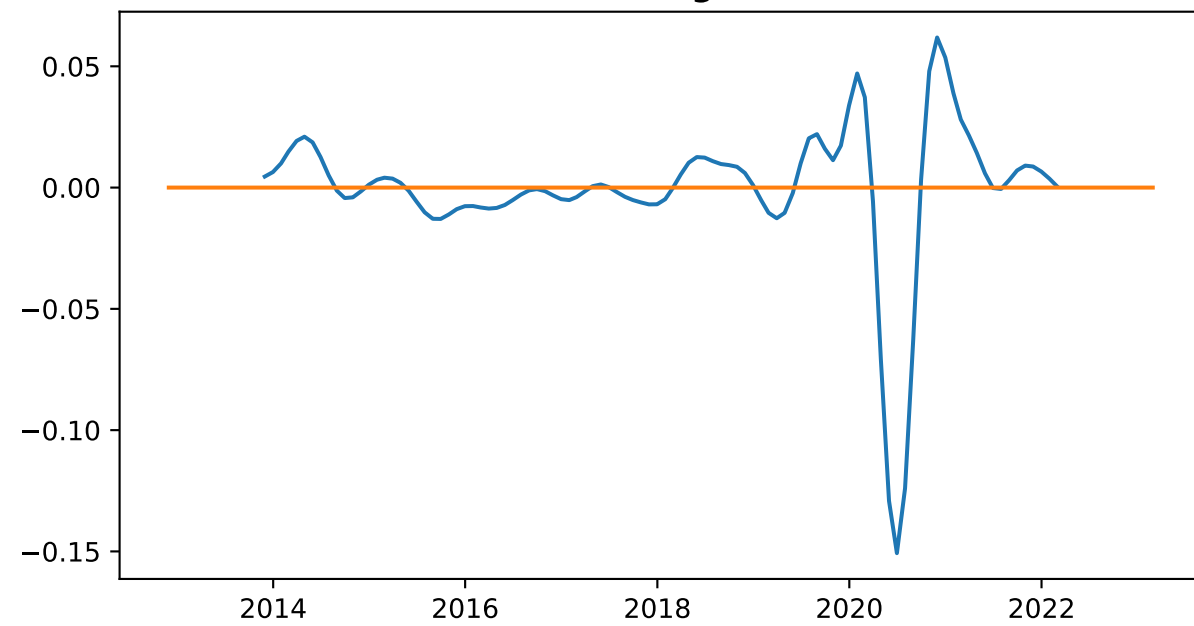
**Linear Filter**



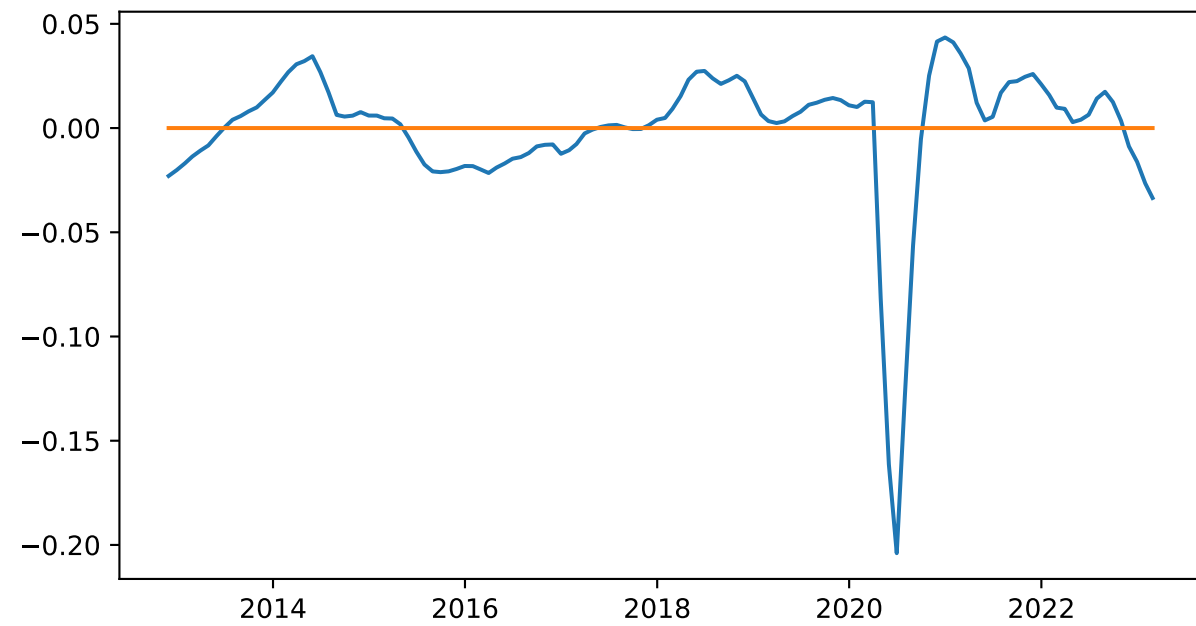
**Quadratic Filter**



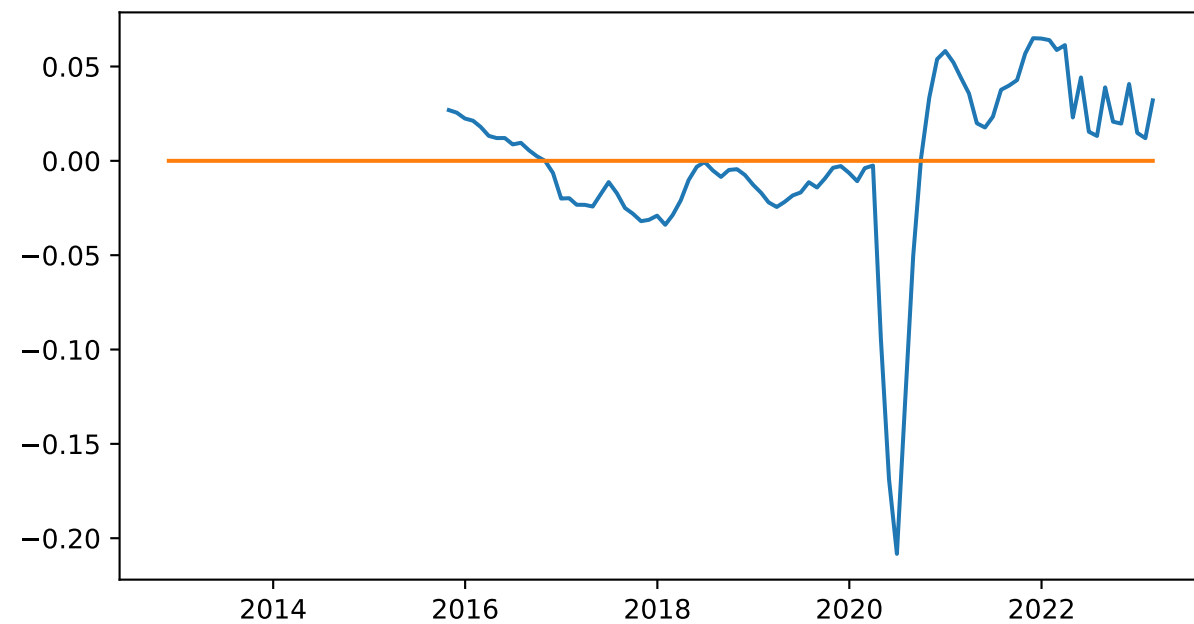
**Baxter-King Filter**



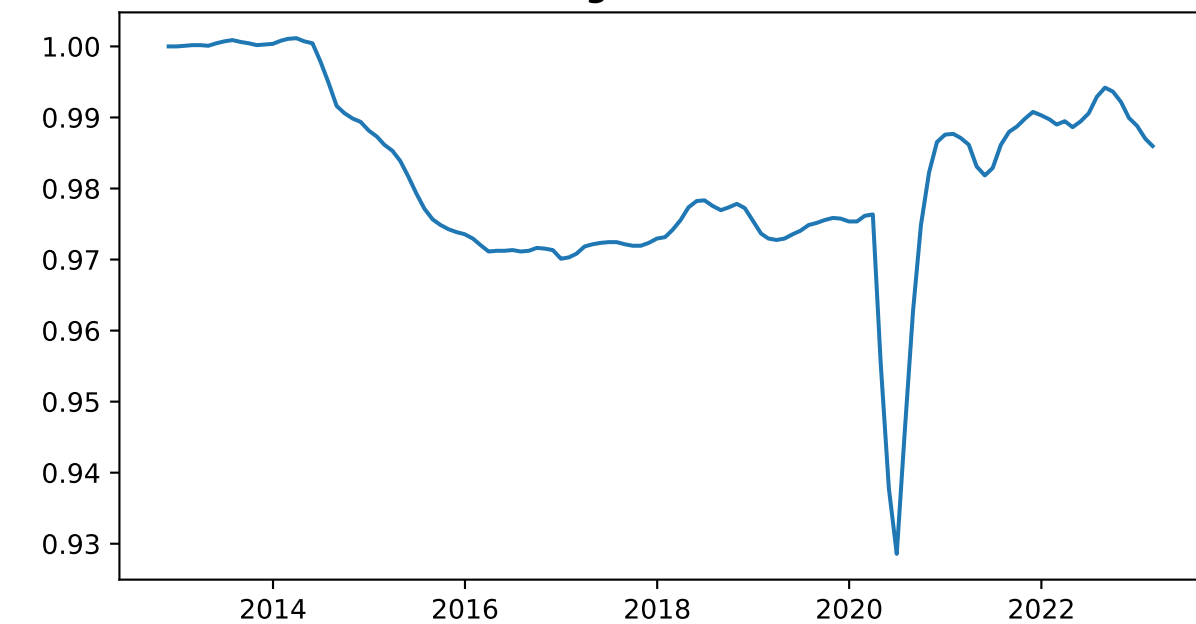
**Hodrick-Prescott Filter**



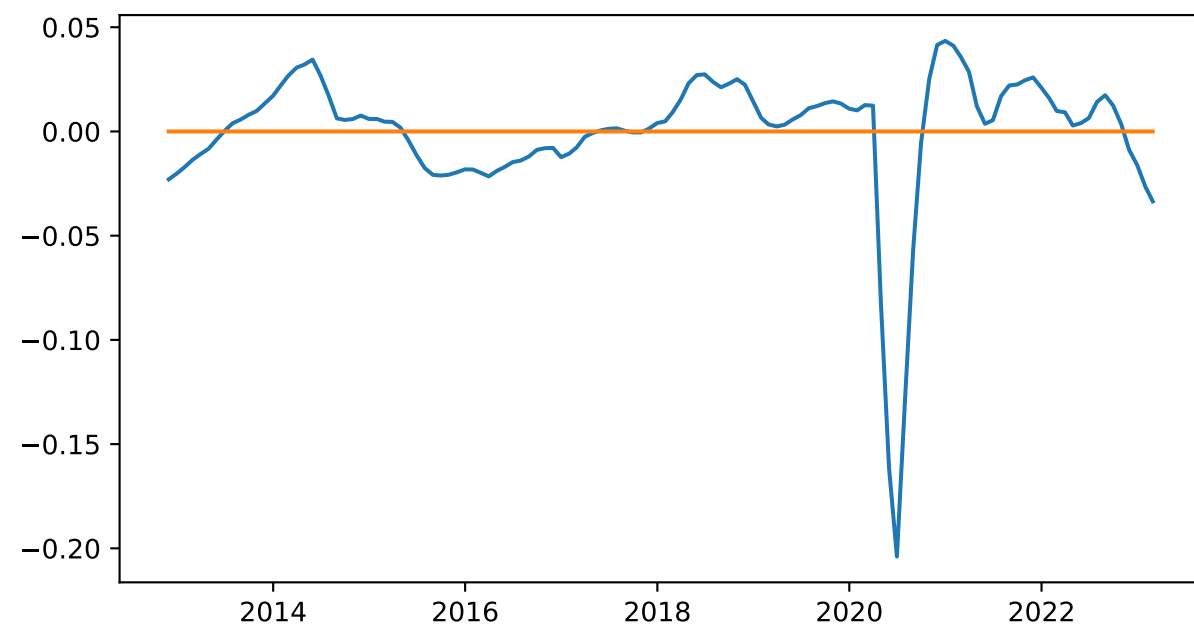
**Hamilton Filter**



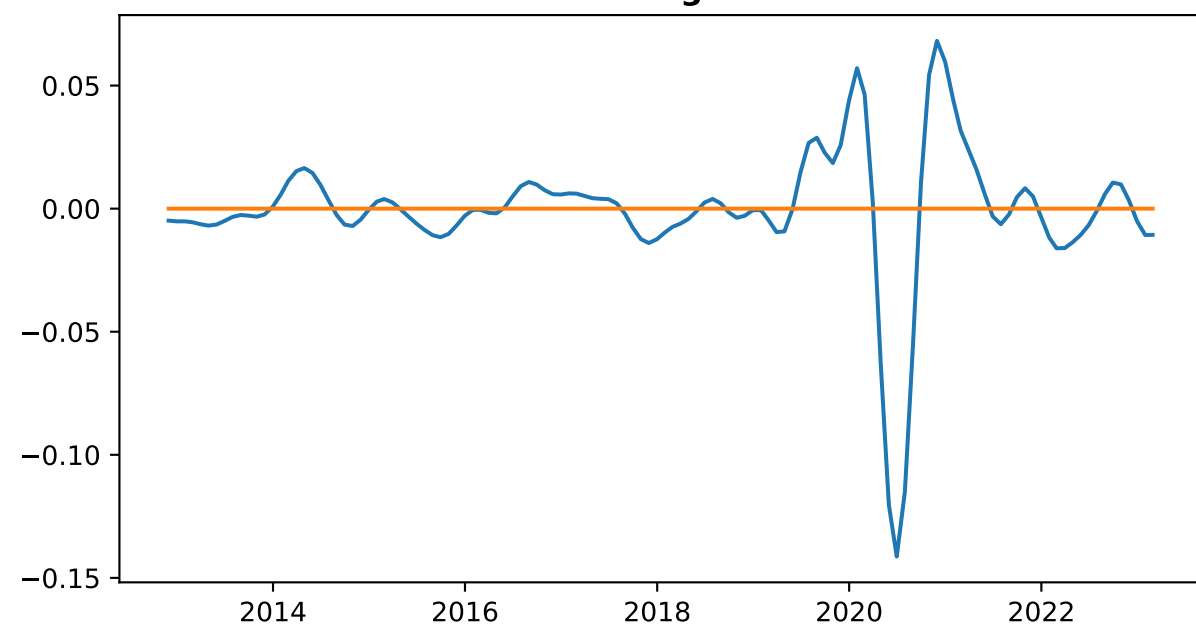
**log.Variable**



**Boosted HP Filter**

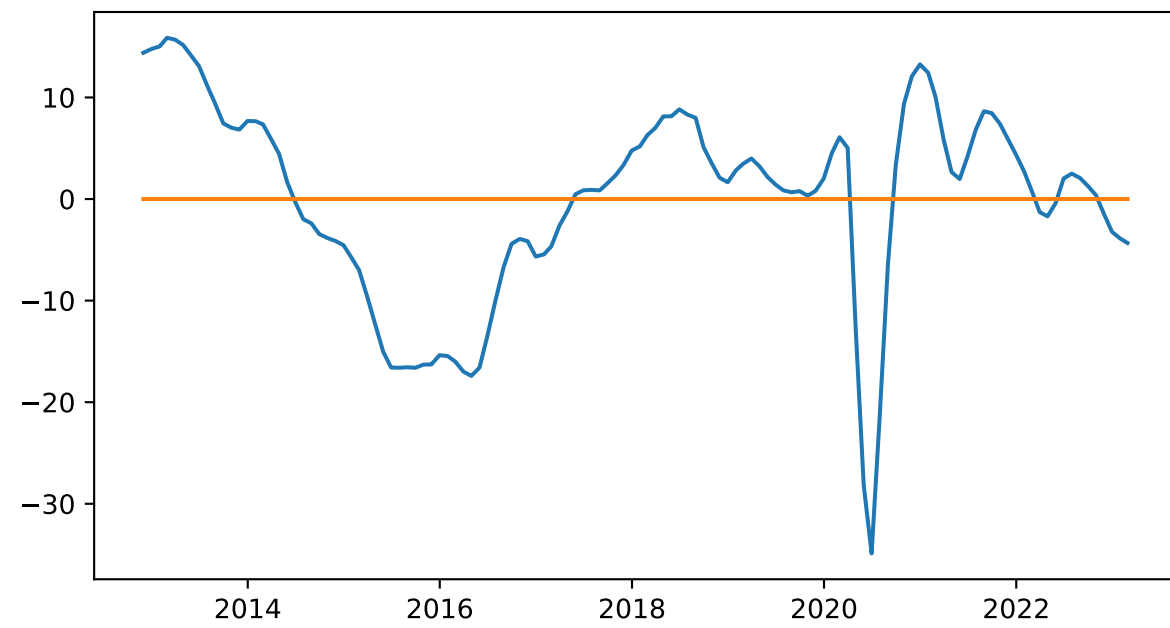


**Christiano Fitzgerald Filter**

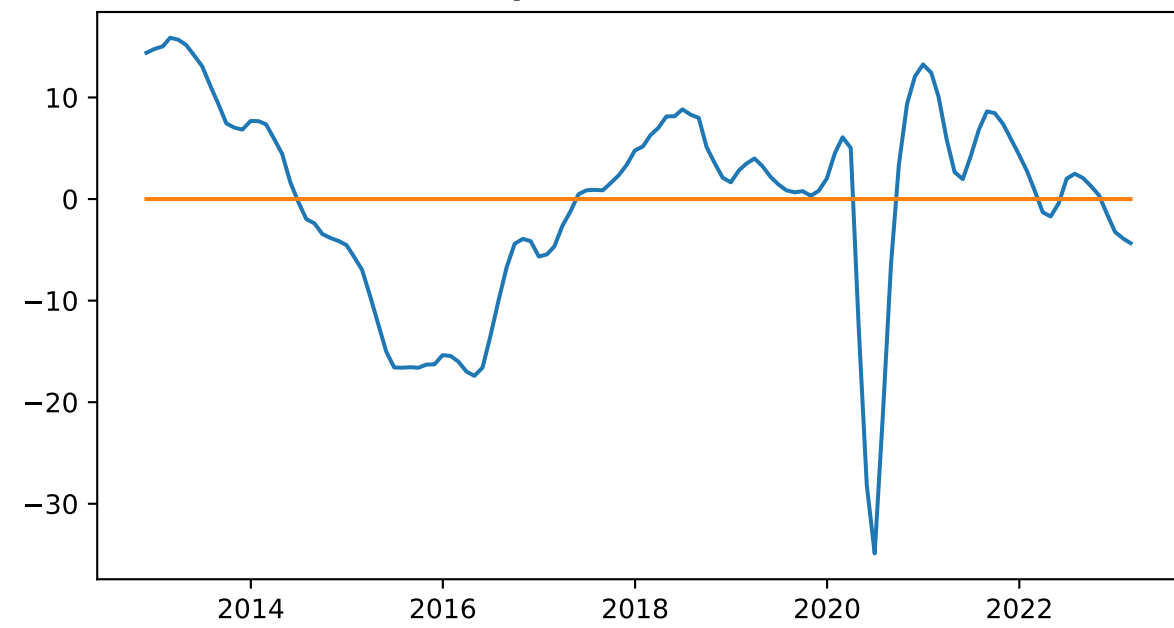


# Comparing FGV Brazil Industrial Confidence Indicator Expectations SA

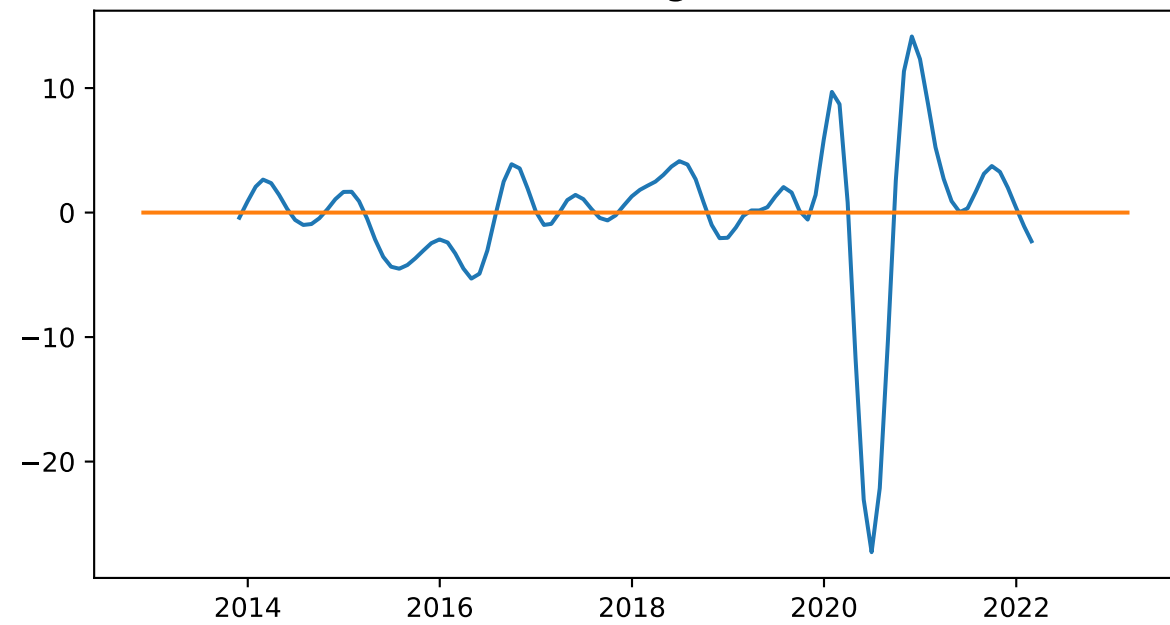
**Linear Filter**



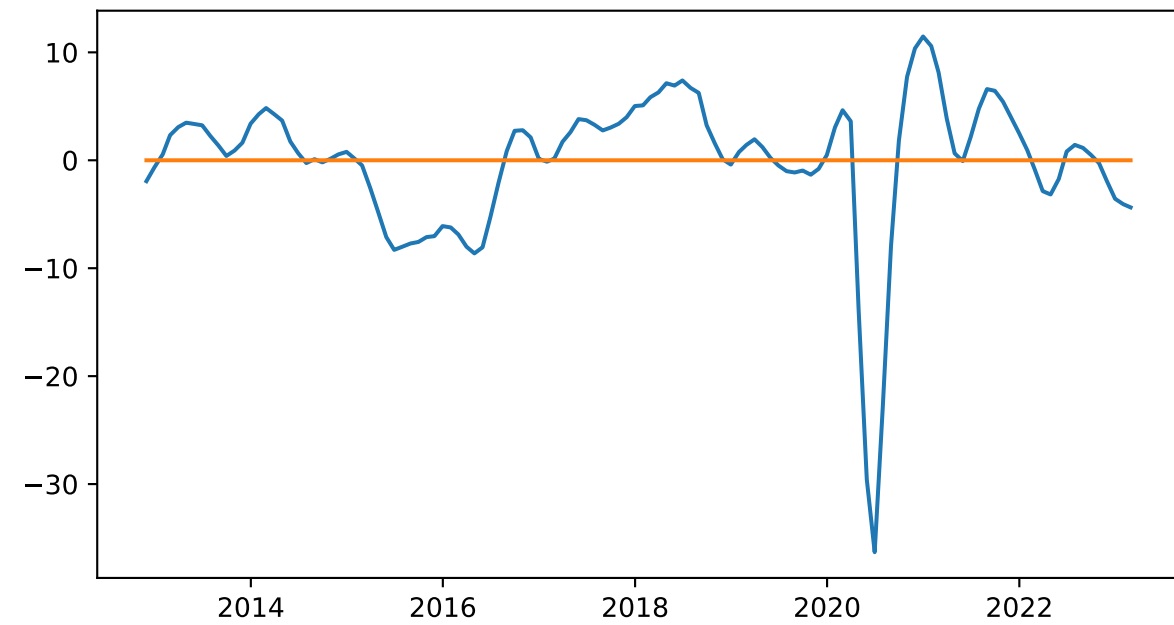
**Quadratic Filter**



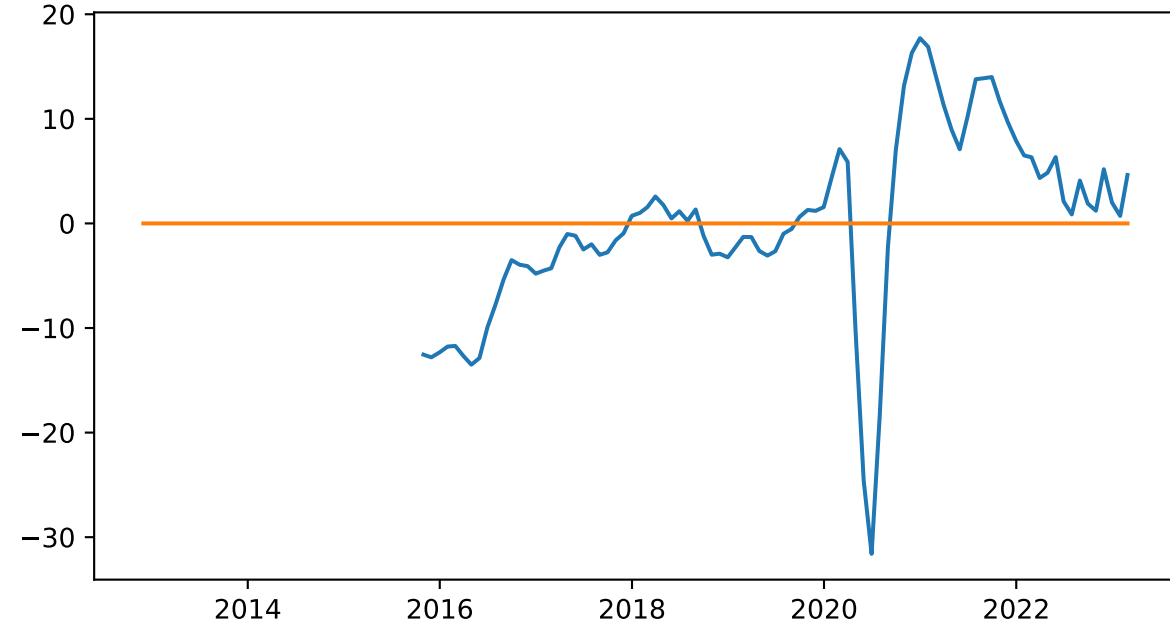
**Baxter-King Filter**



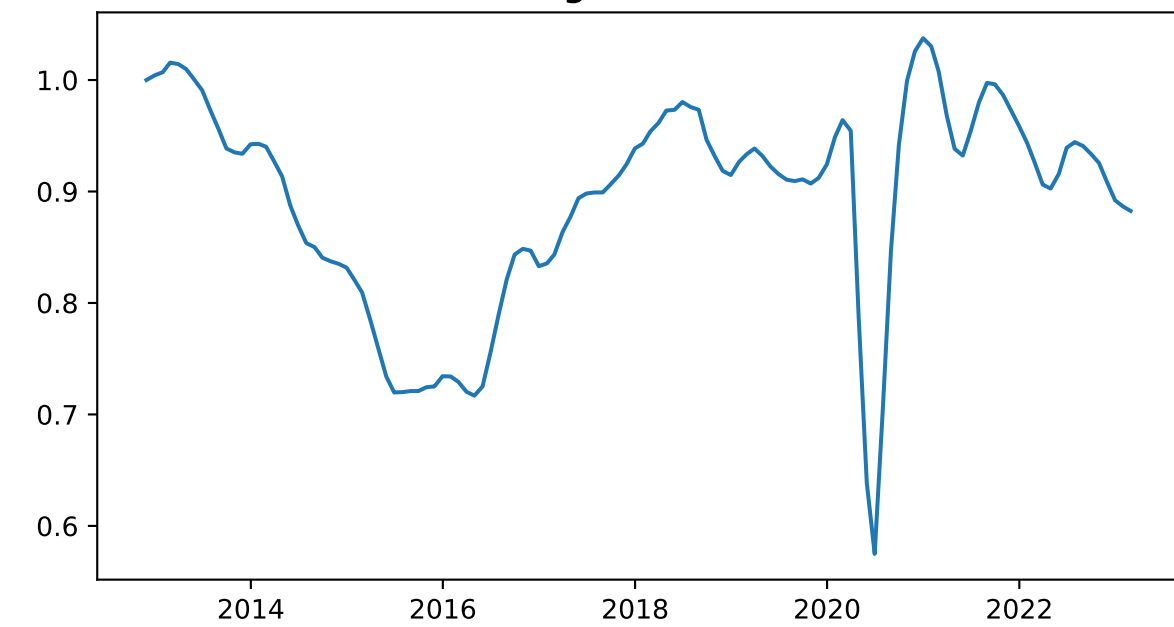
**Hodrick-Prescott Filter**



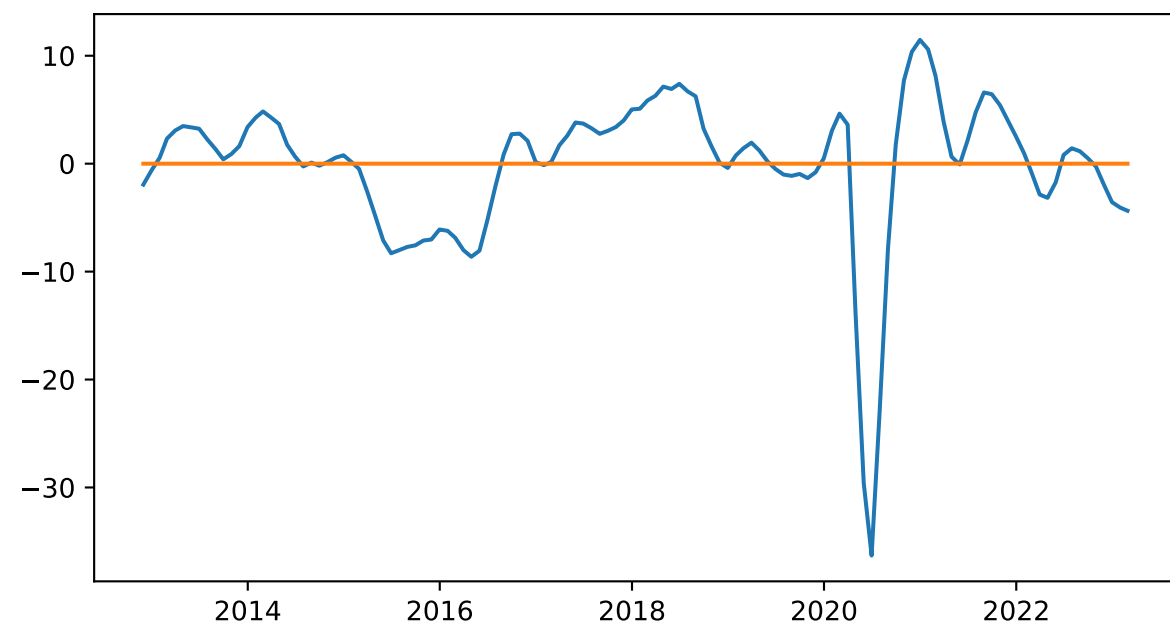
**Hamilton Filter**



**log.Variable**



**Boosted HP Filter**



**Christiano Fitzgerald Filter**

