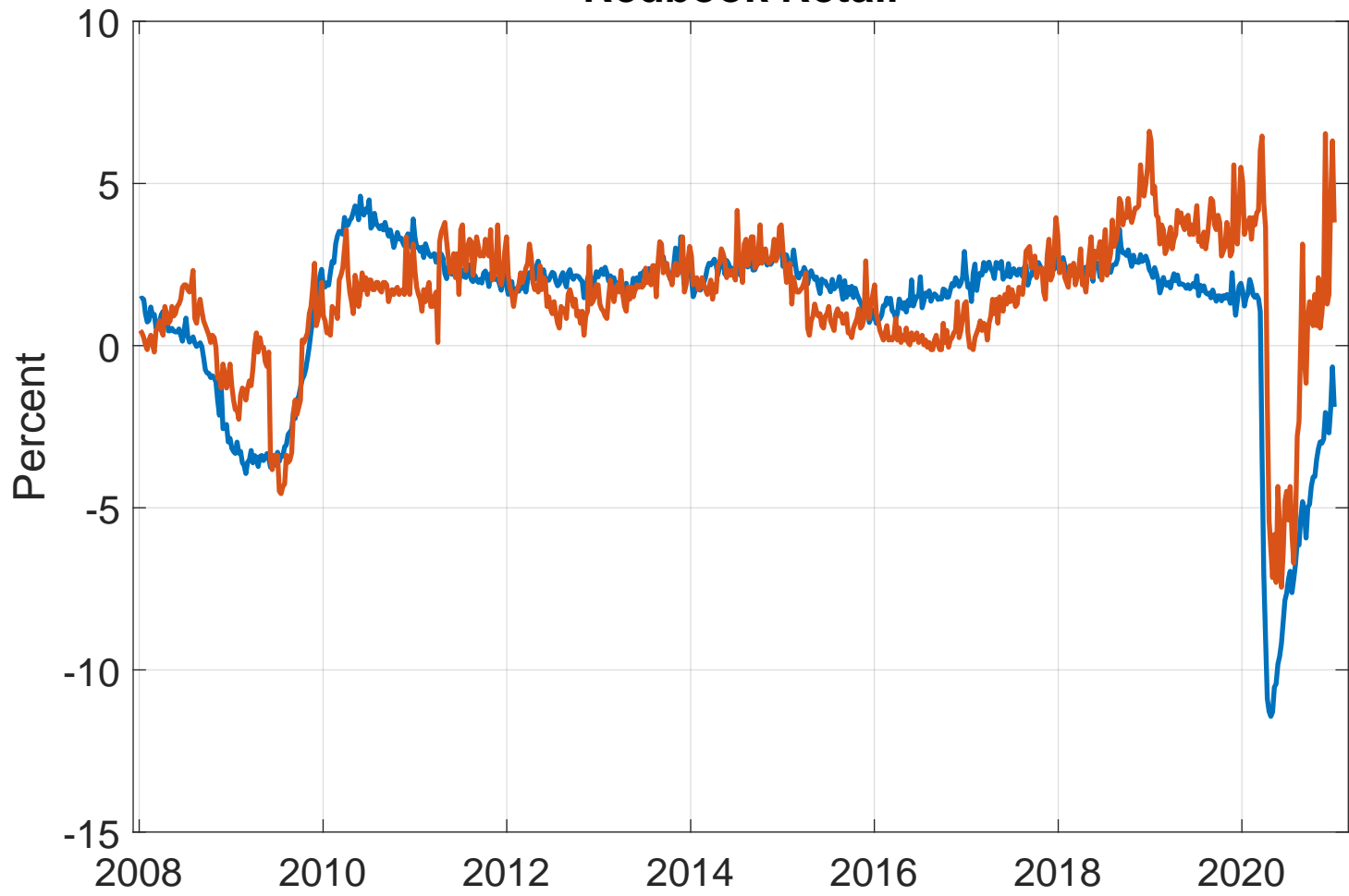
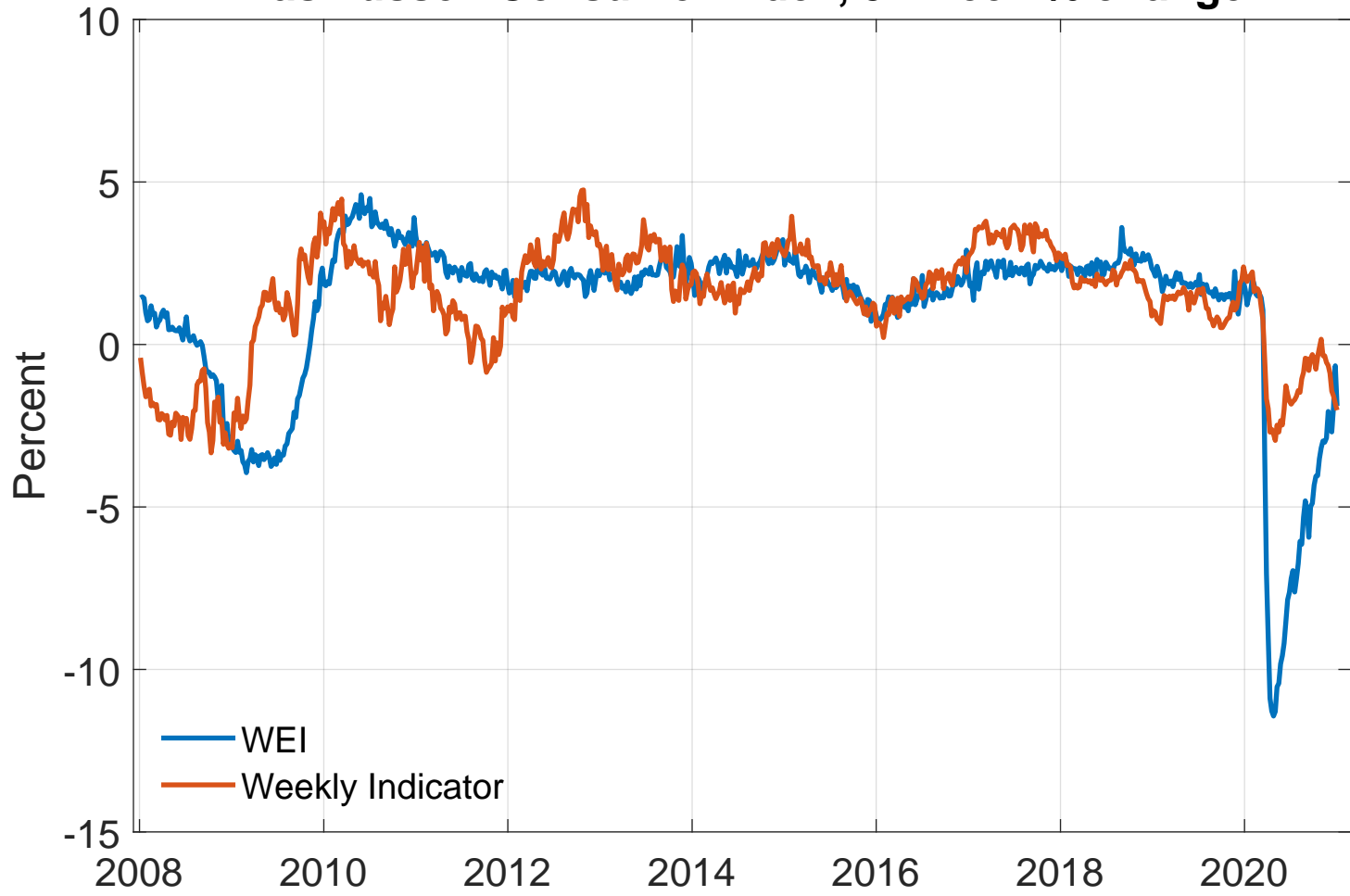


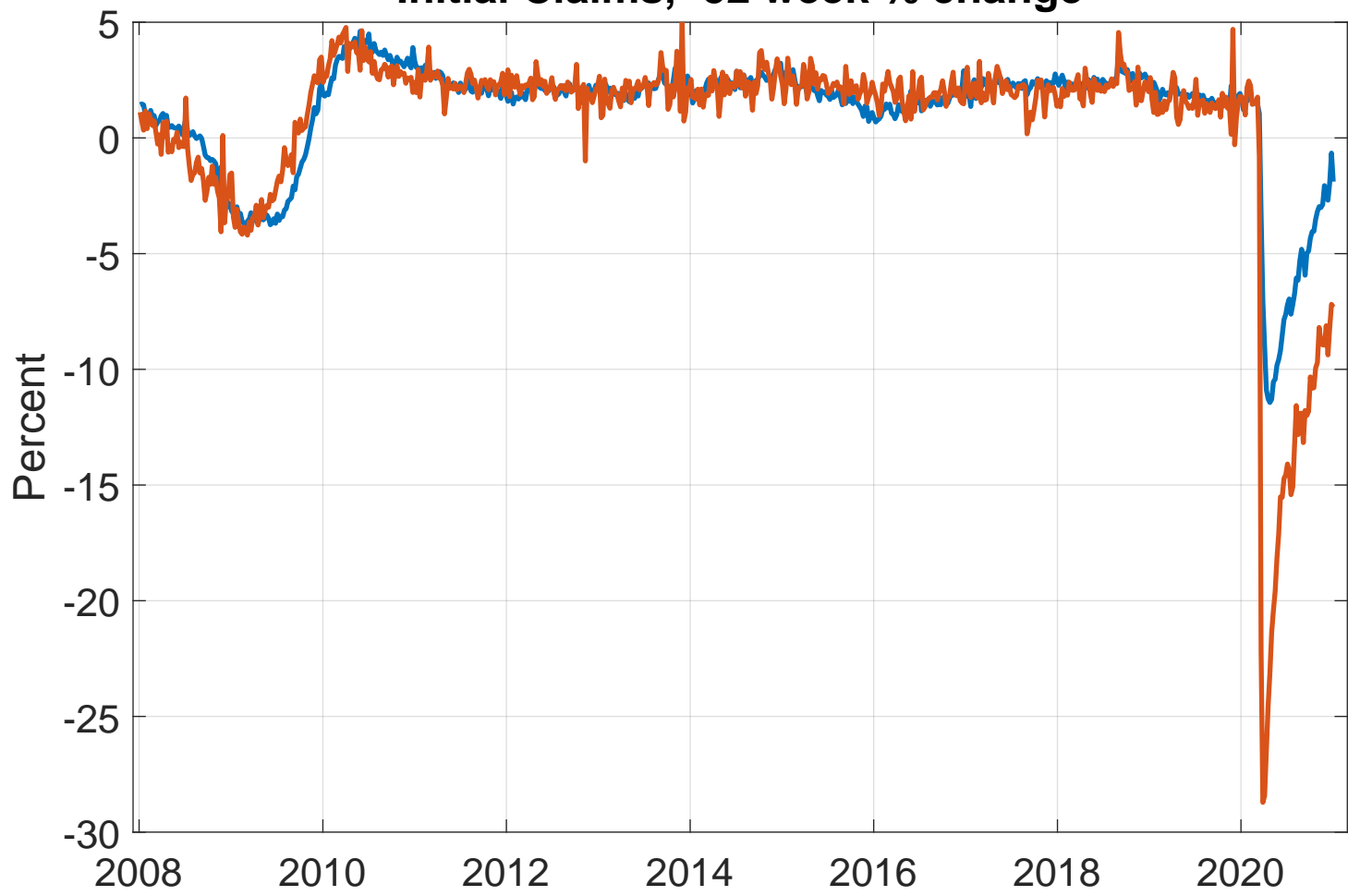
Redbook Retail



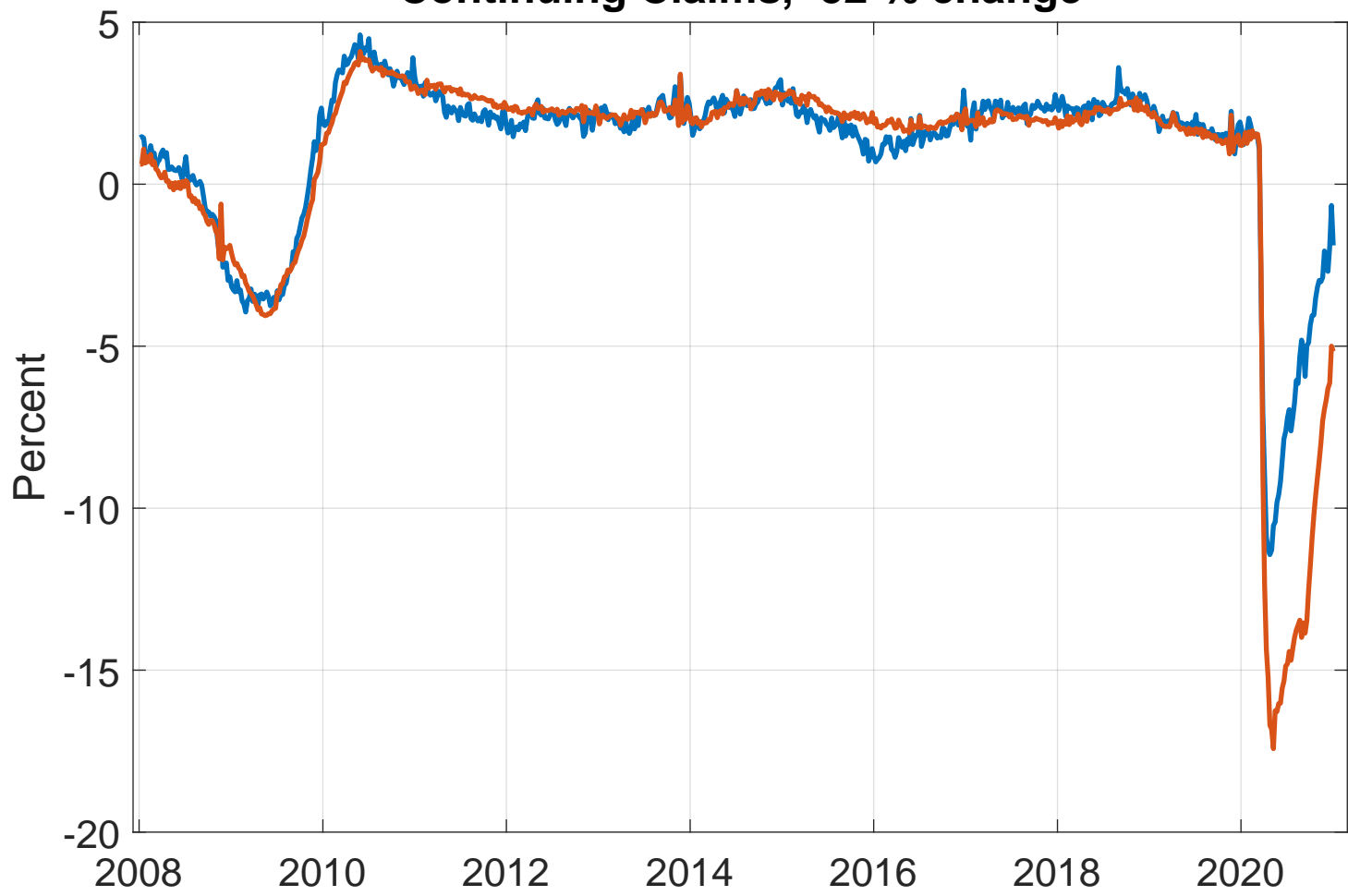
Rasmussen Consumer Index, 52-week % change



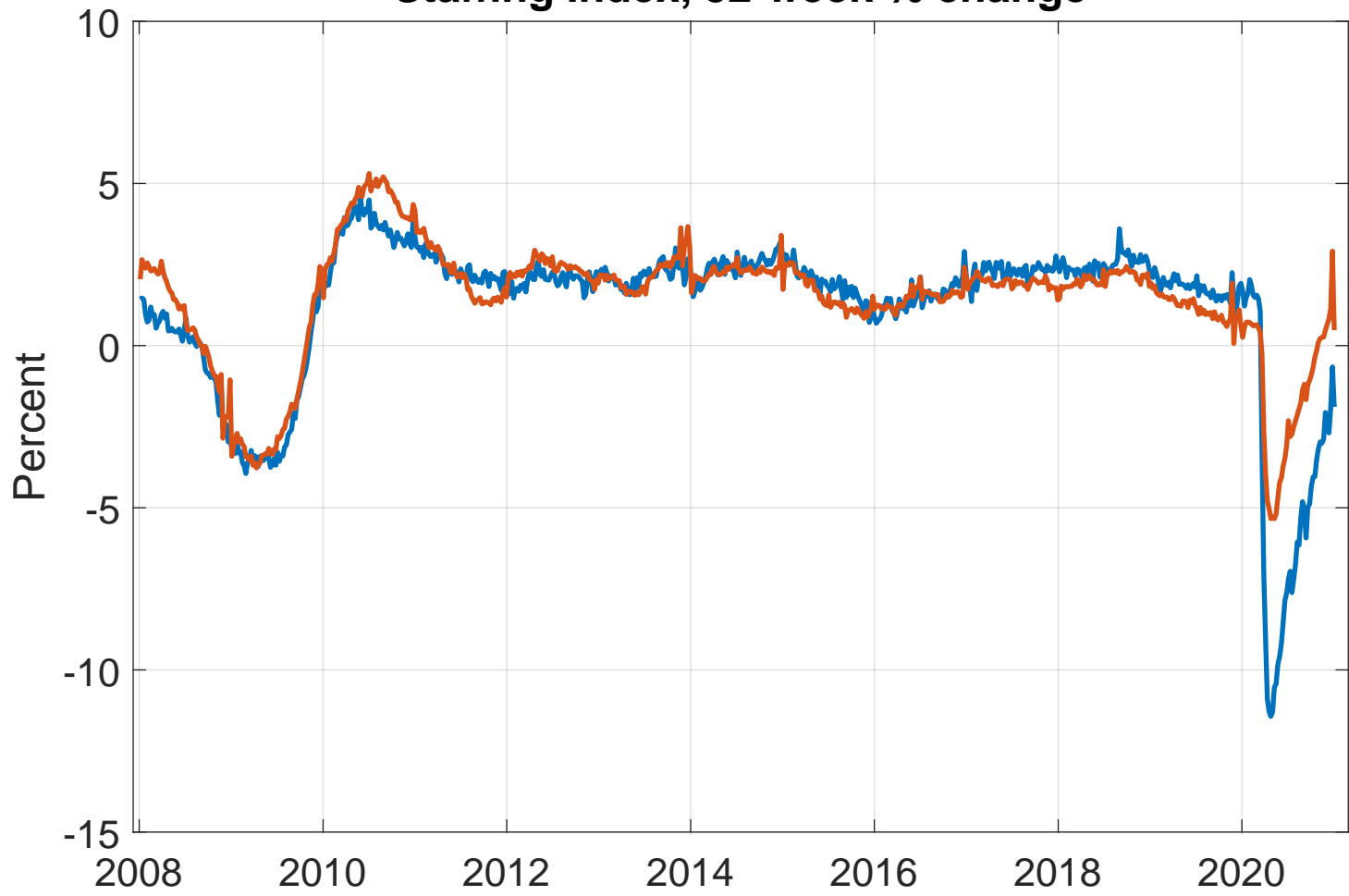
Initial Claims, -52 week % change



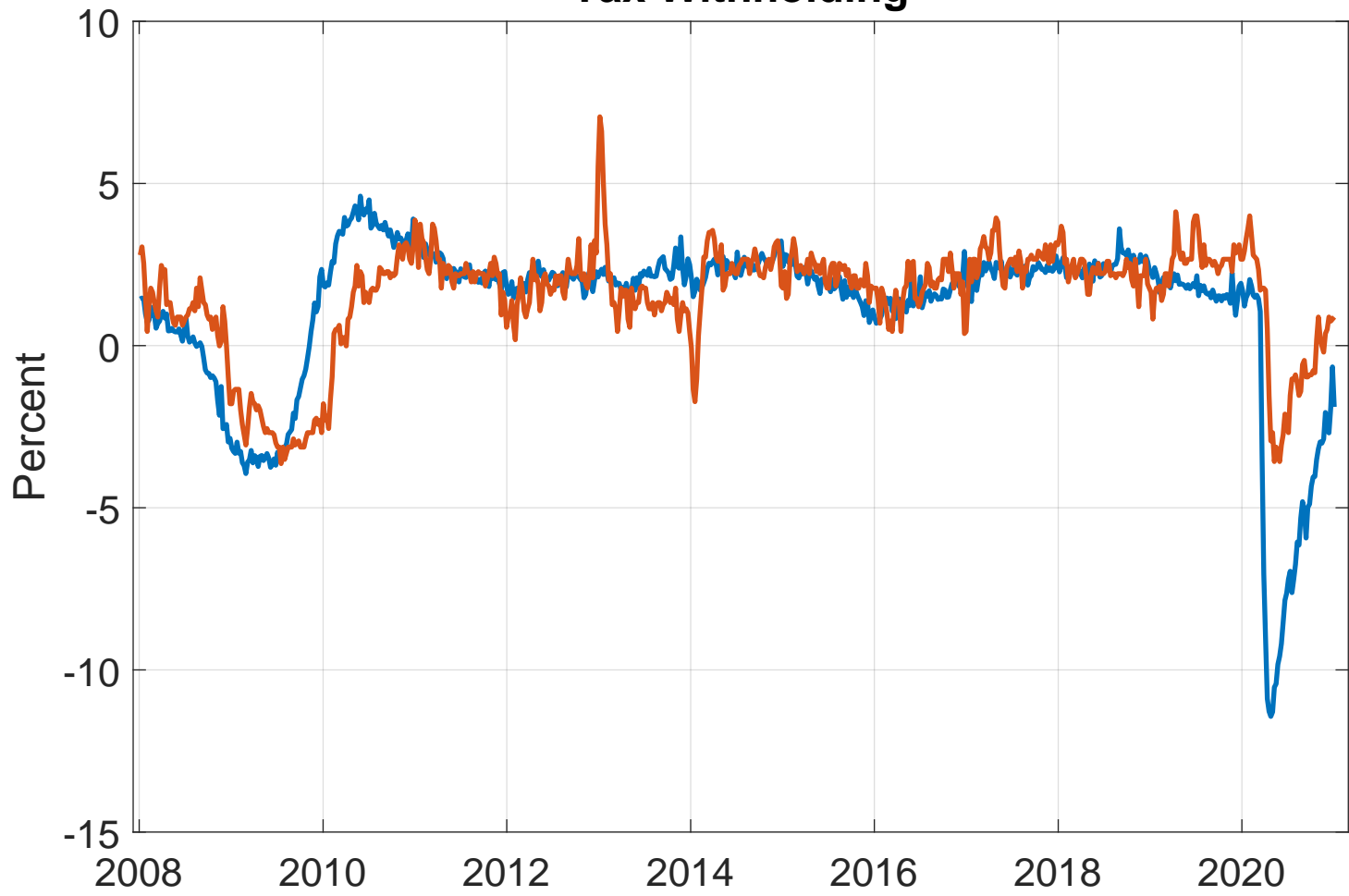
Continuing Claims, -52 % change



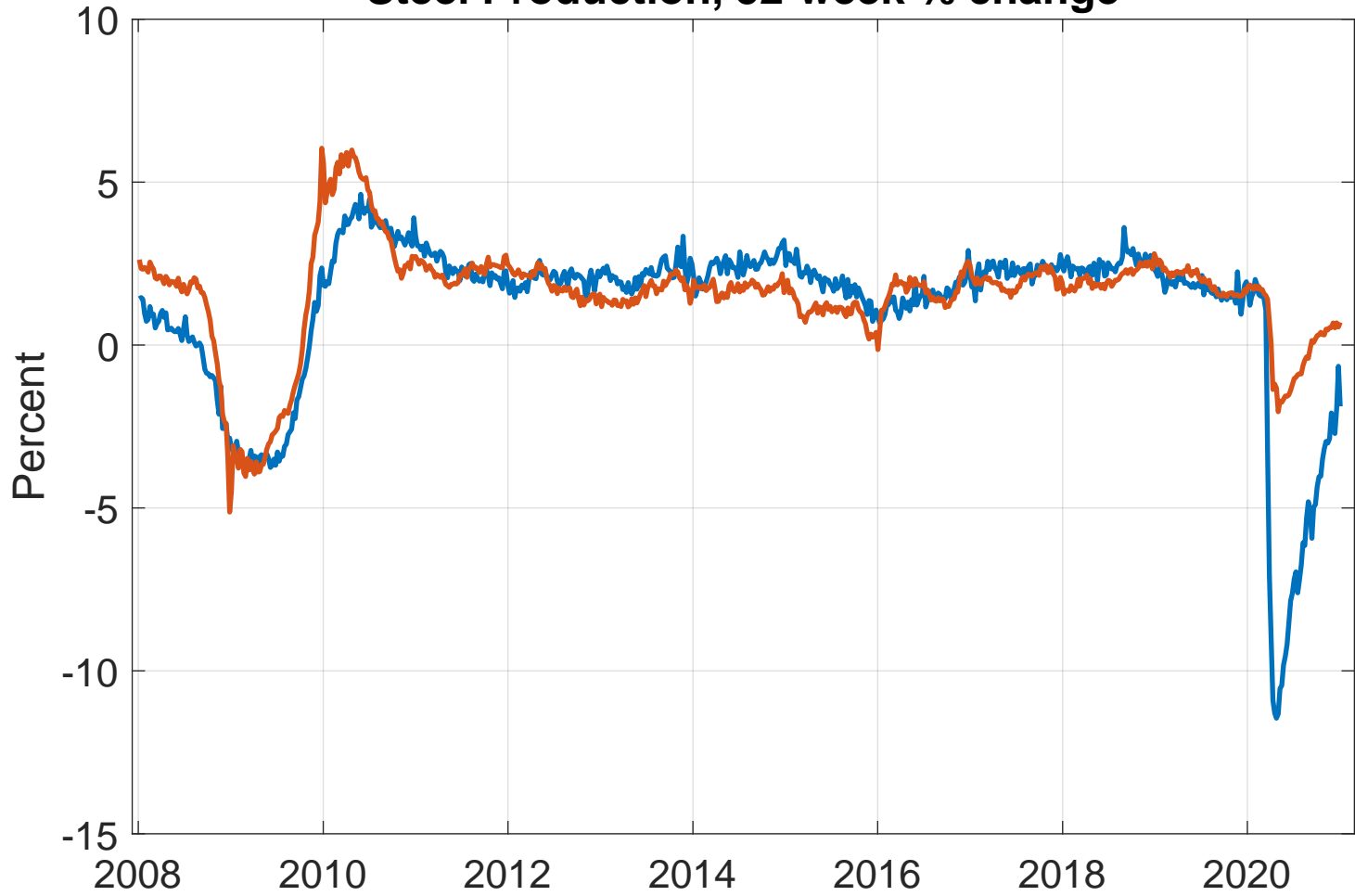
Staffing Index, 52-week % change



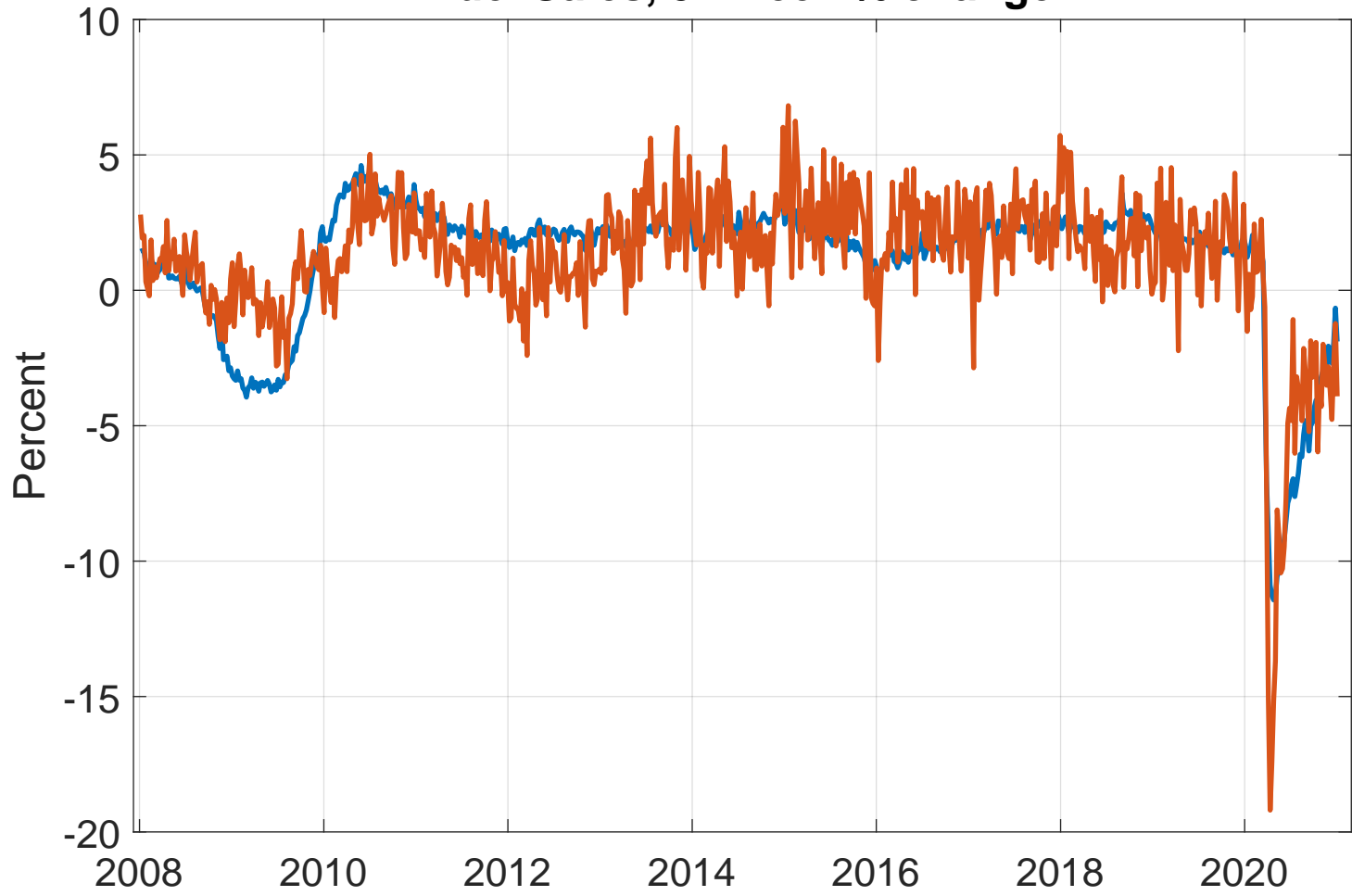
Tax Withholding



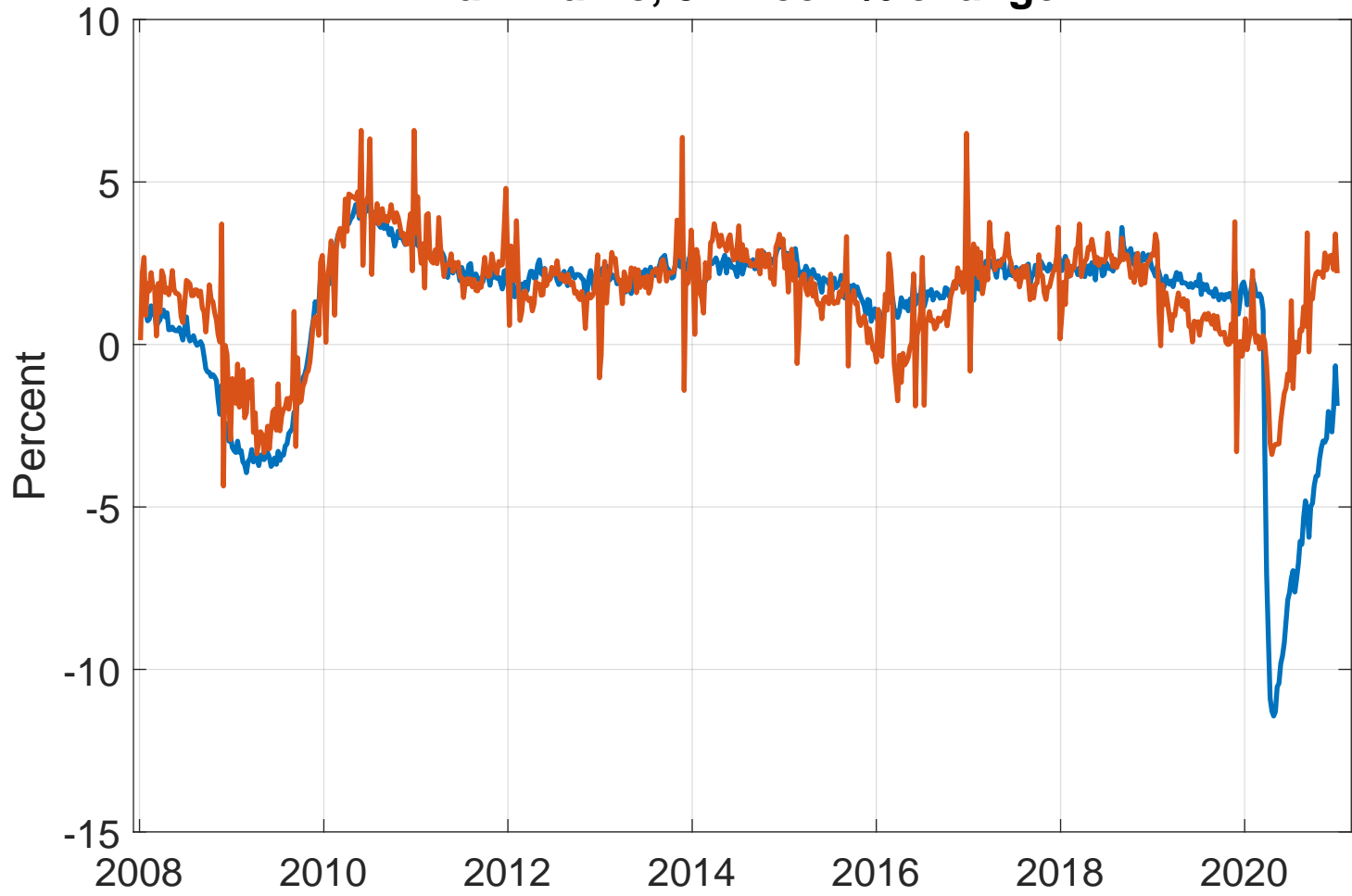
Steel Production, 52-week % change



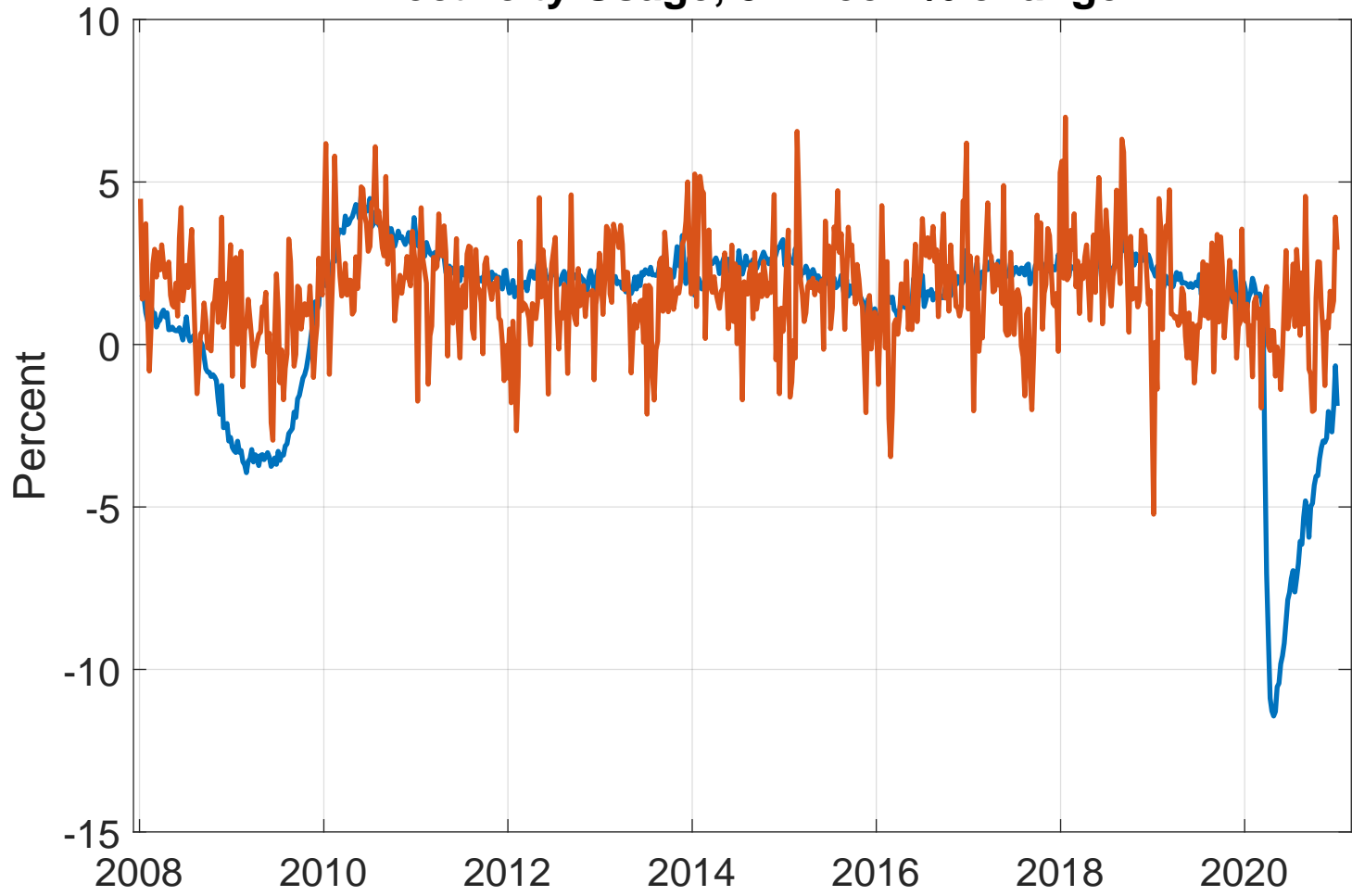
Fuel Sales, 52-week % change

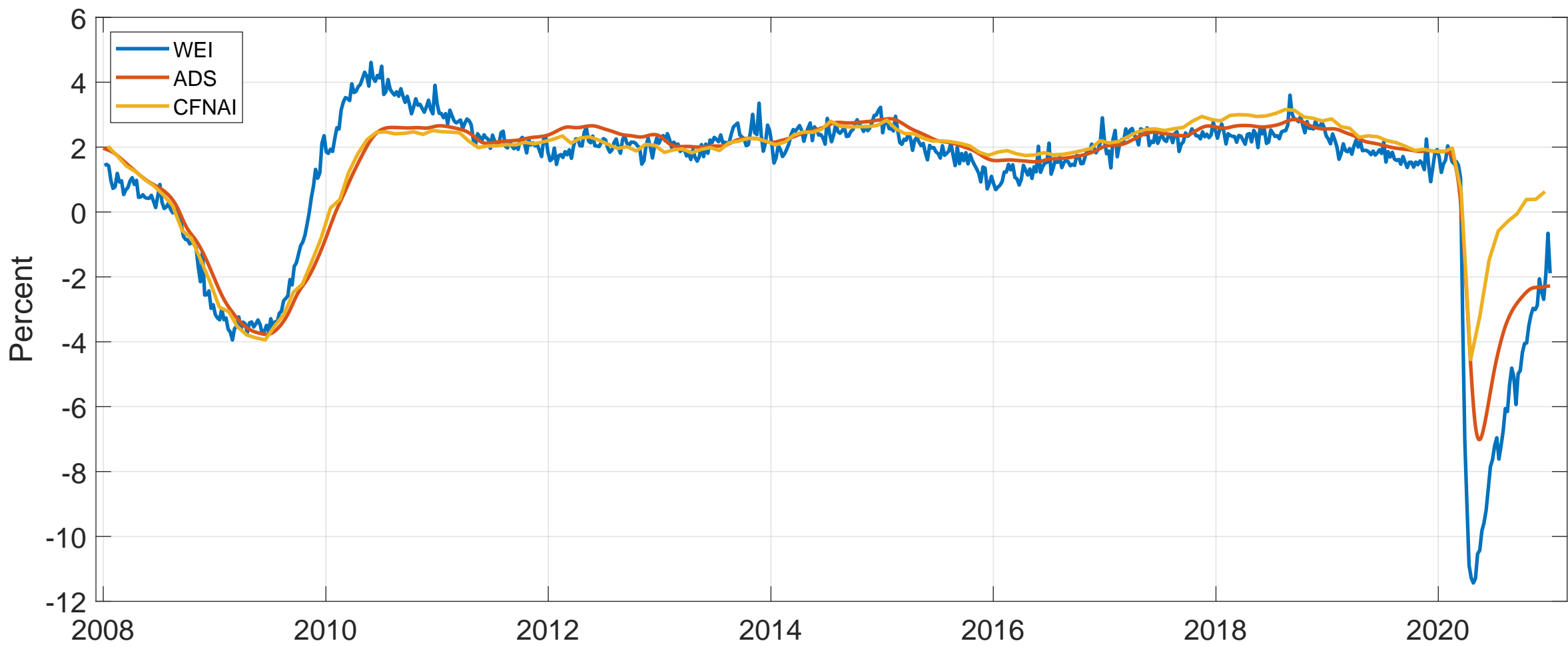


Rail Traffic, 52-week % change

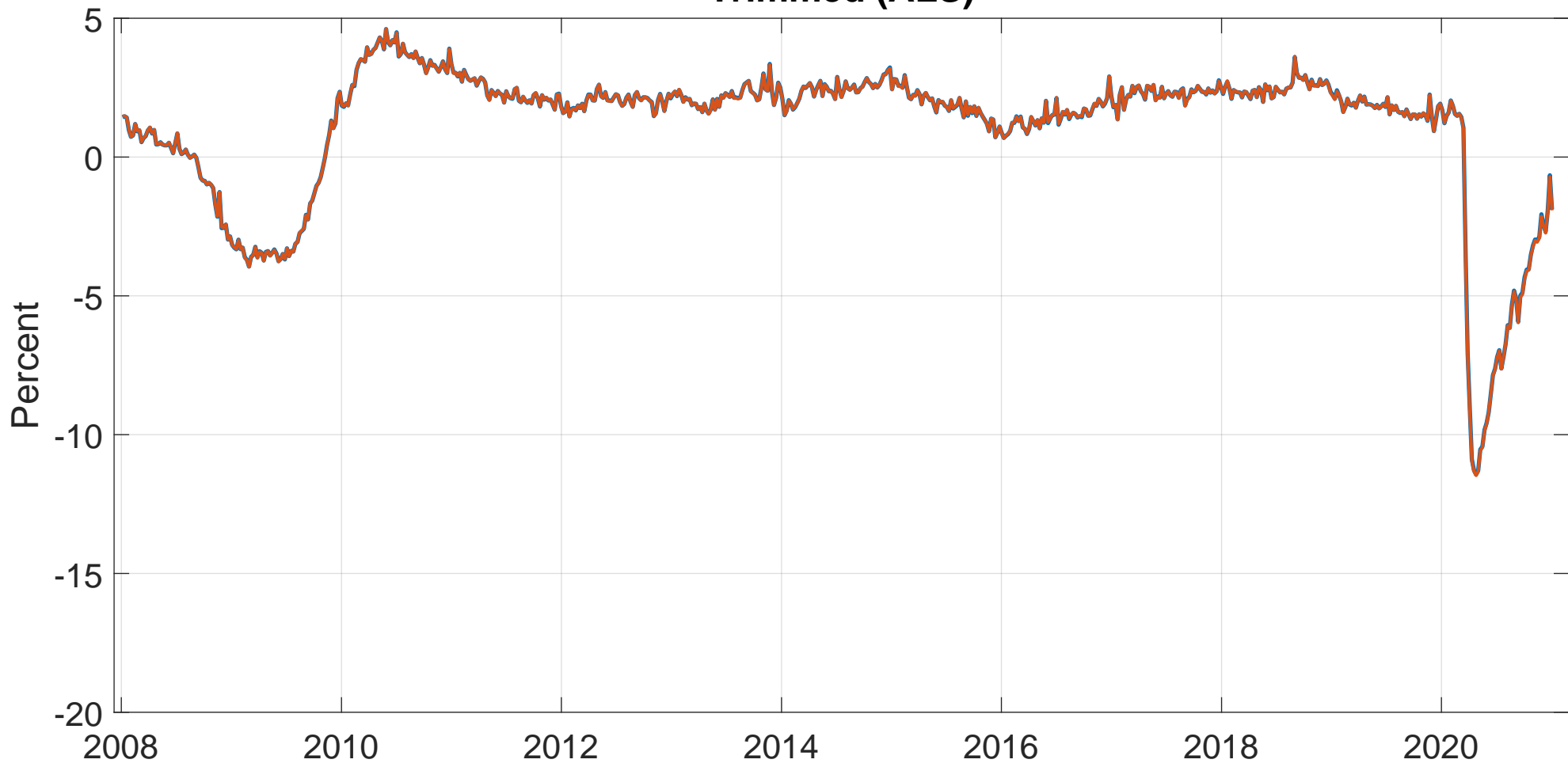


Electricity Usage, 52-week % change

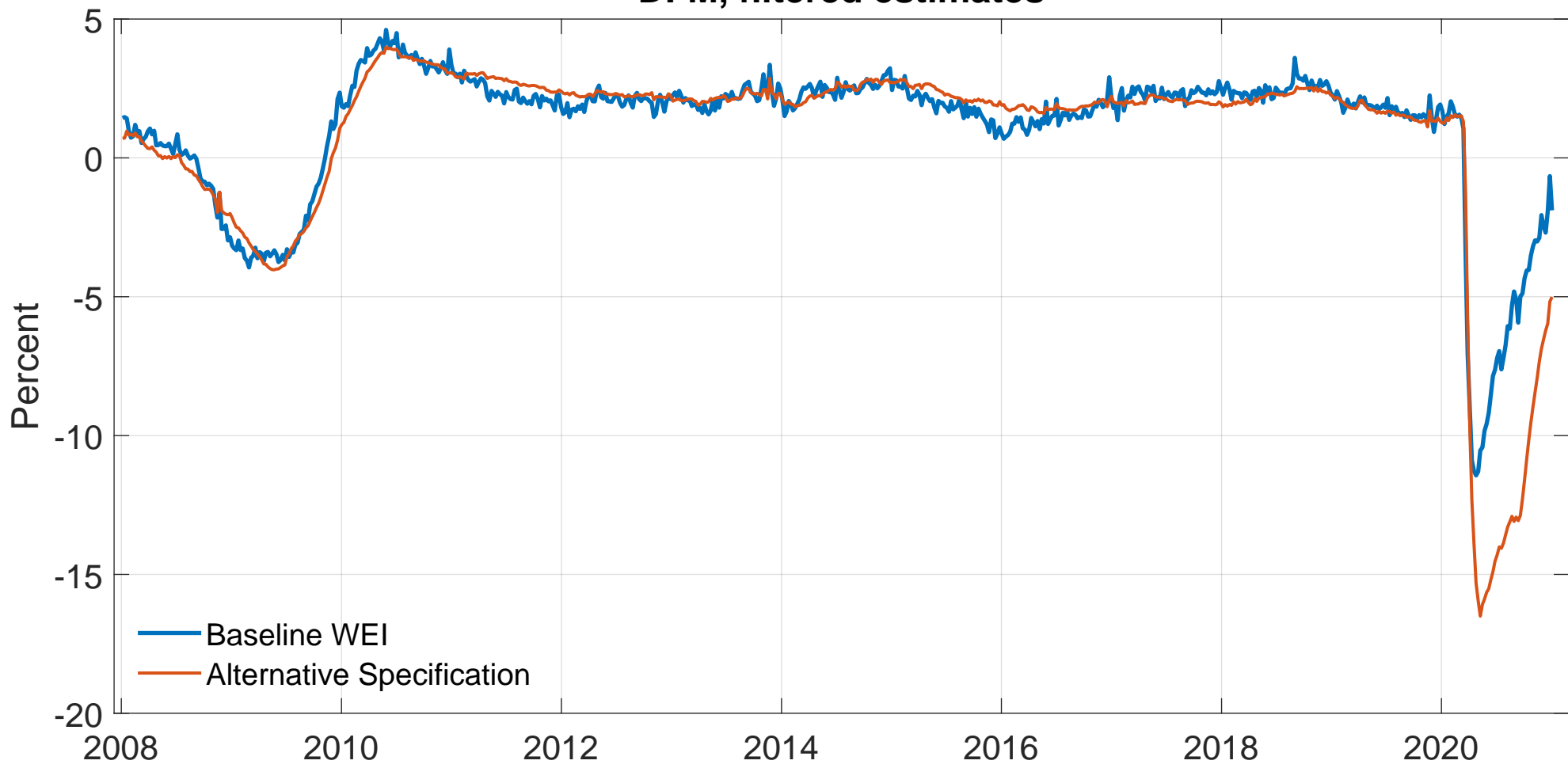




Trimmed (ALS)

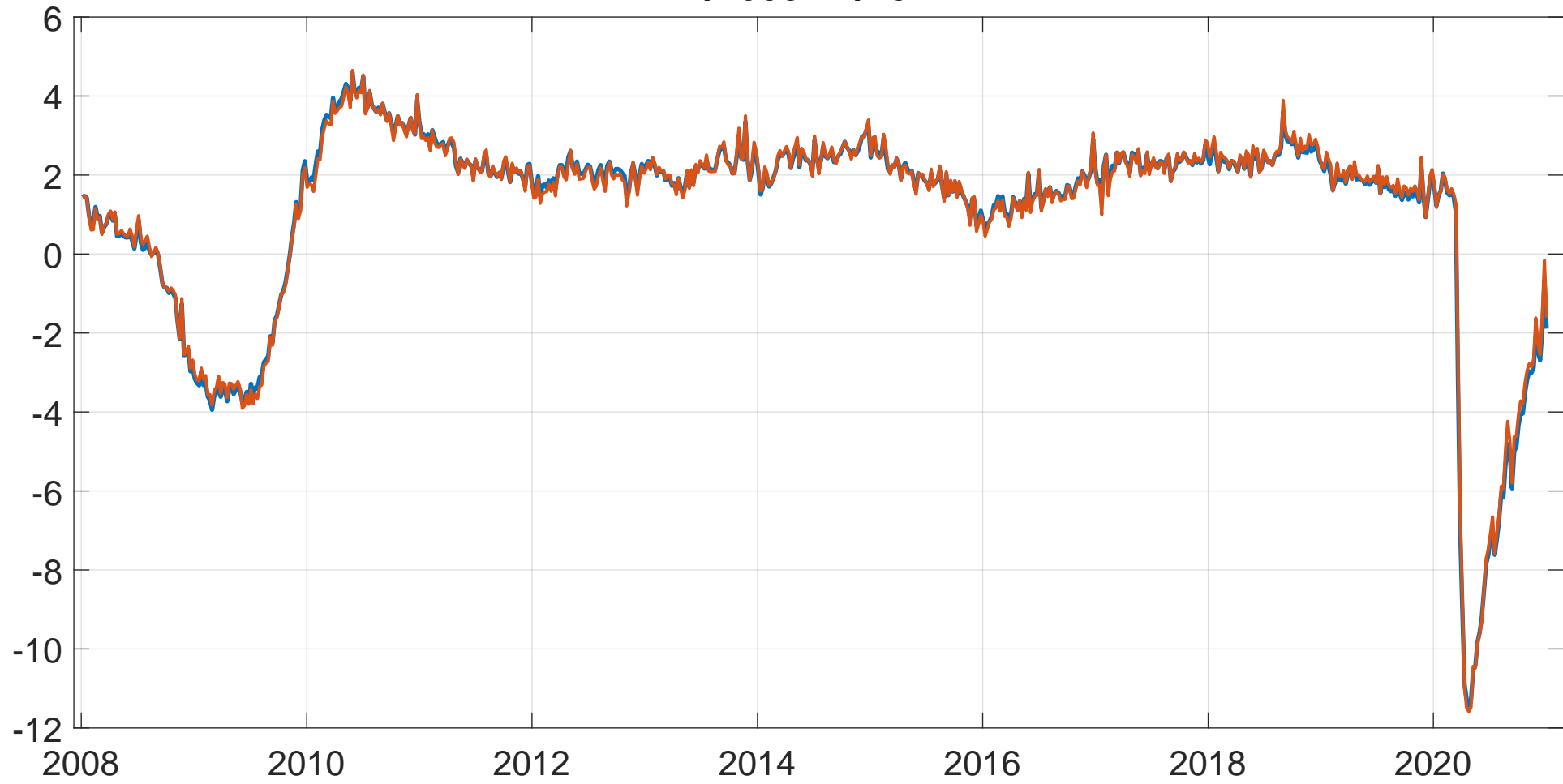


DFM, filtered estimates



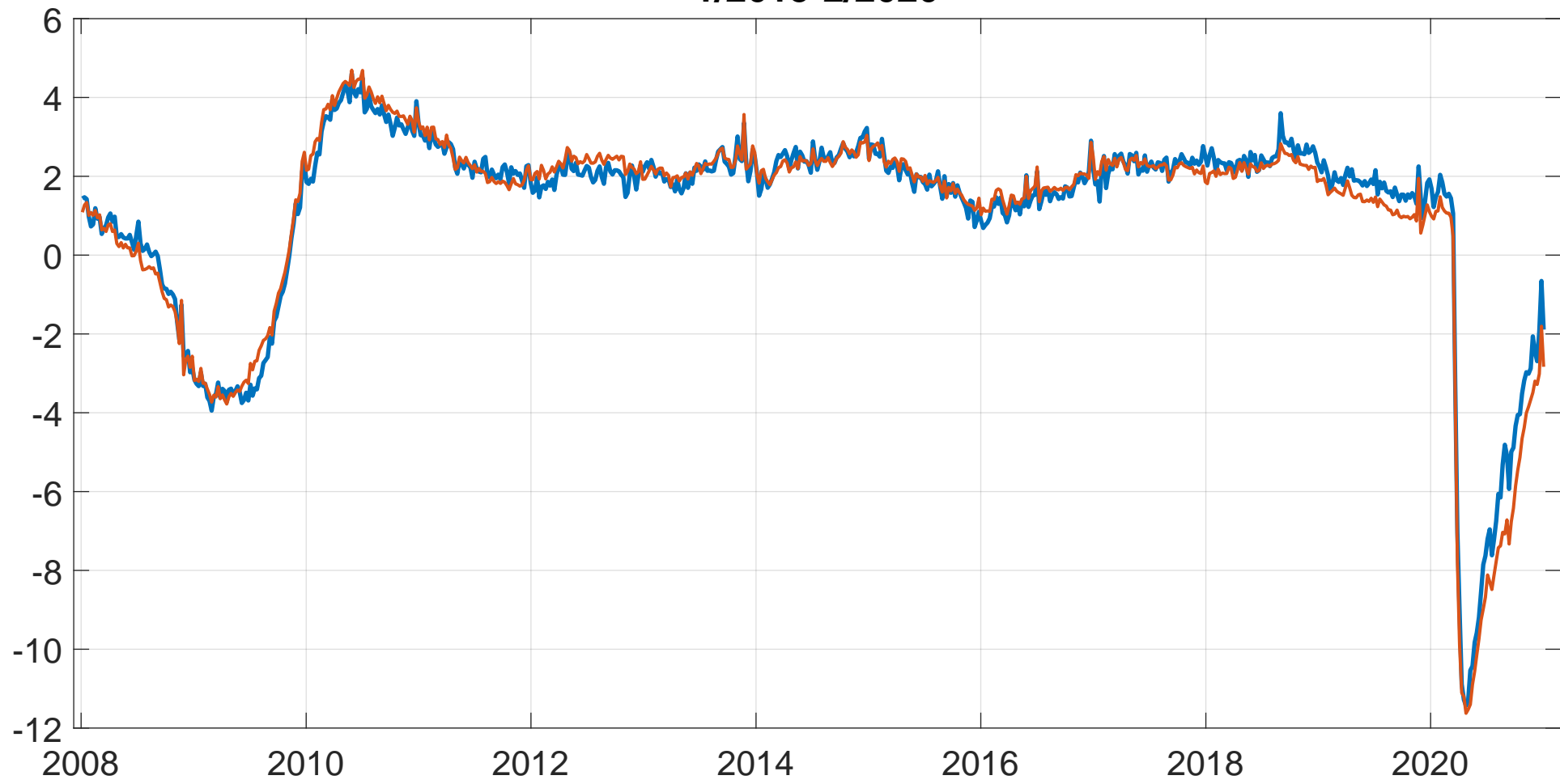
1/2008-12/2014

Percent



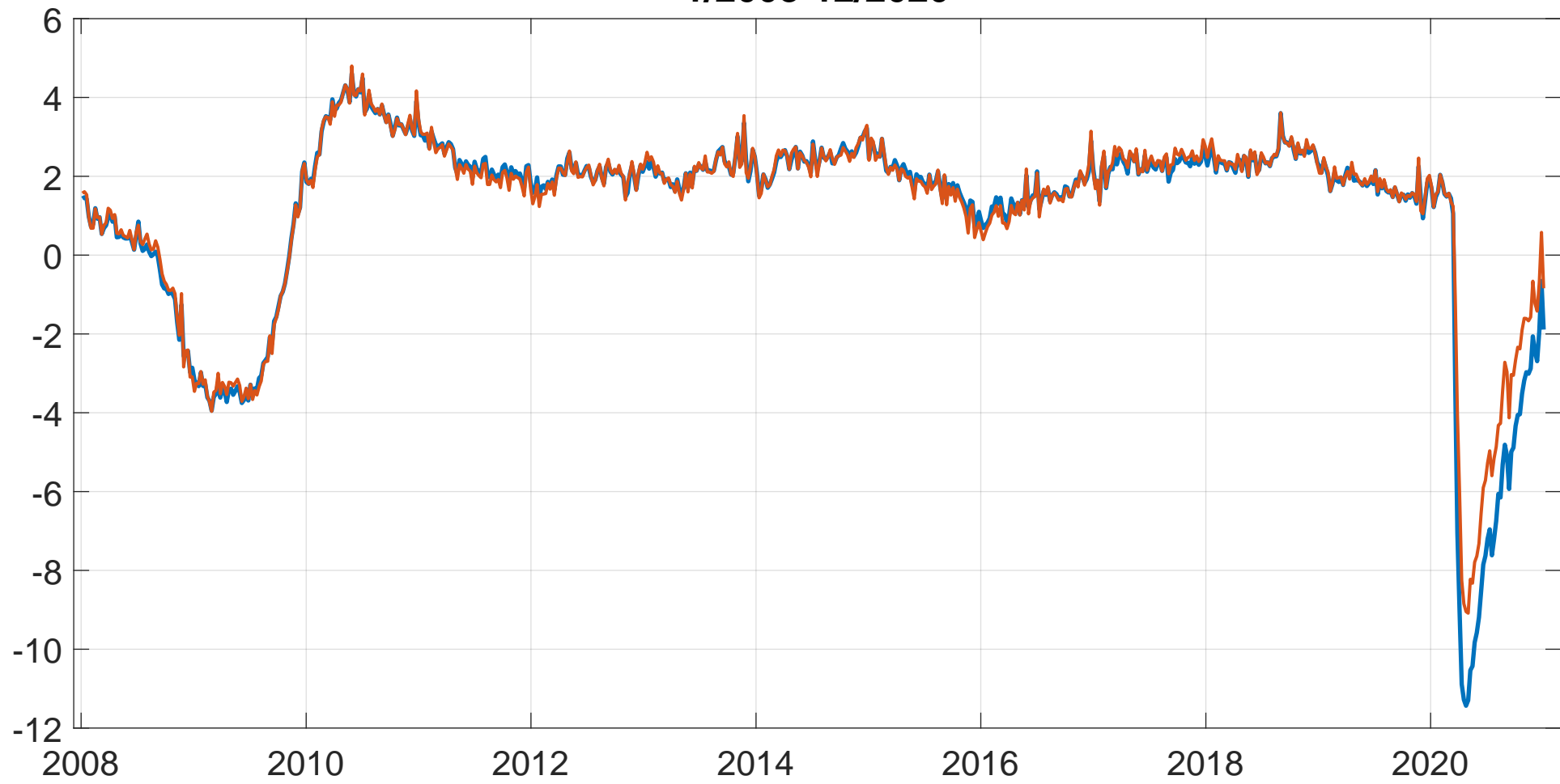
1/2015-2/2020

Percent



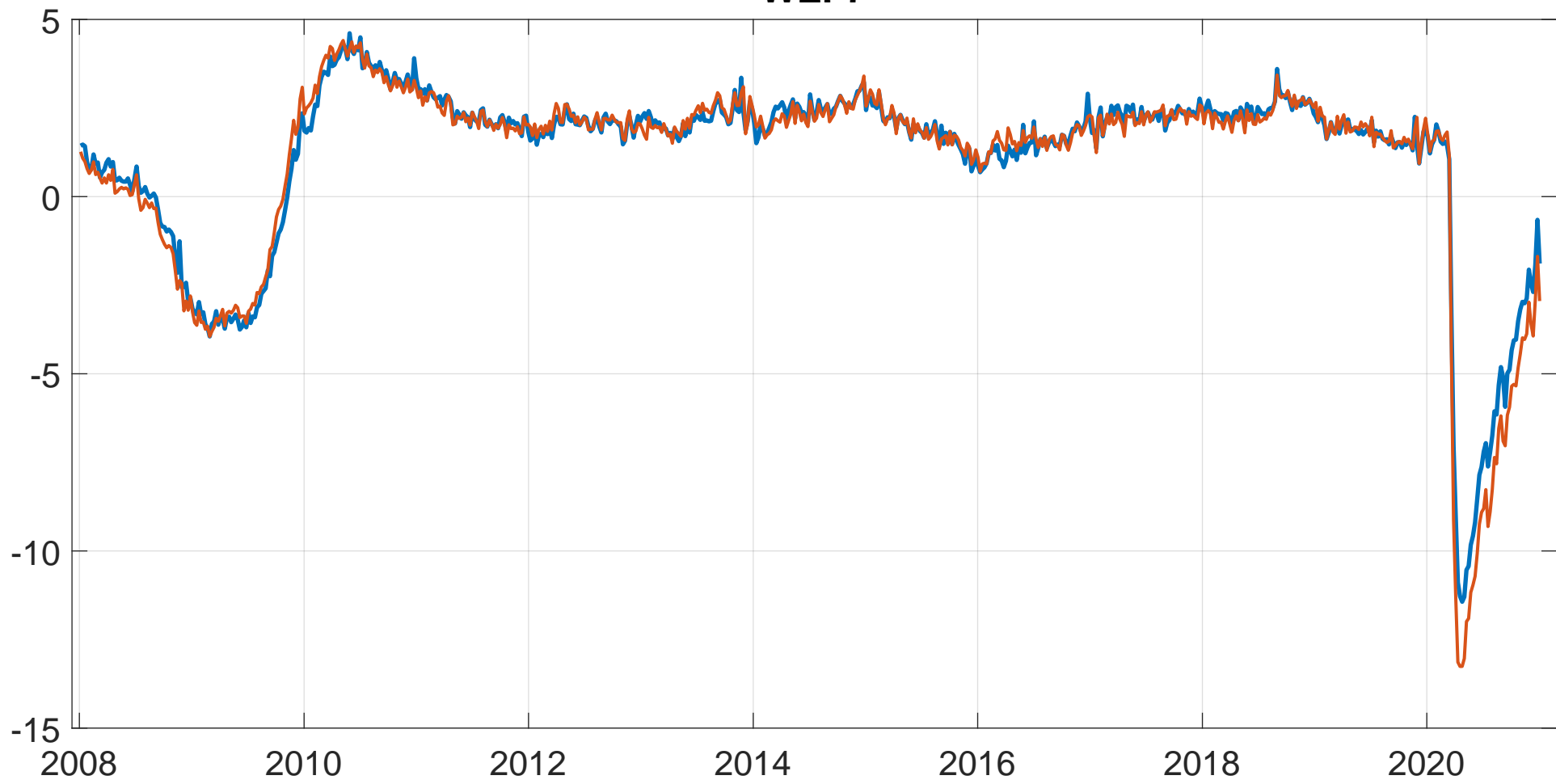
1/2008-12/2020

Percent

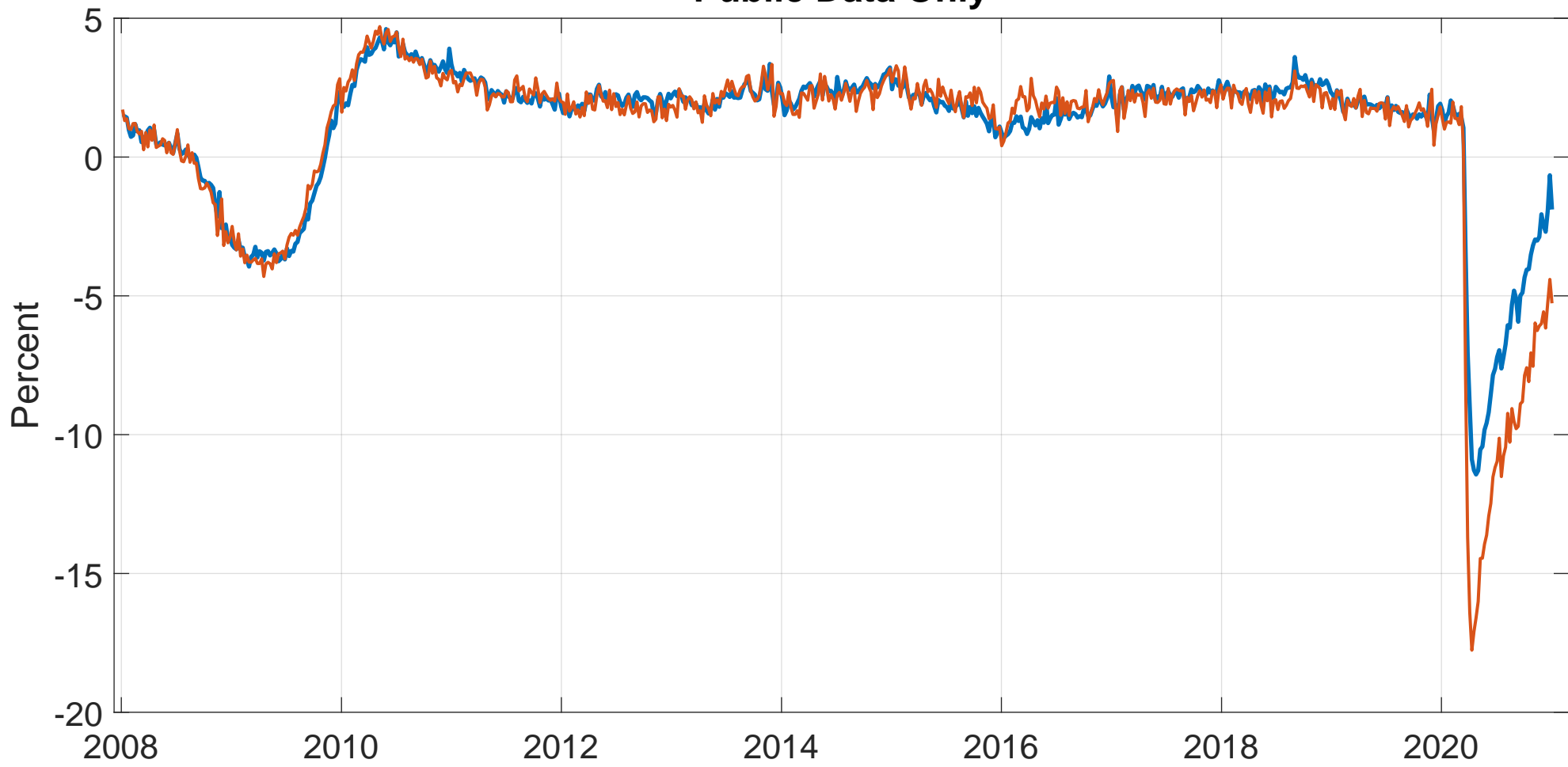


WEI-7

Percent

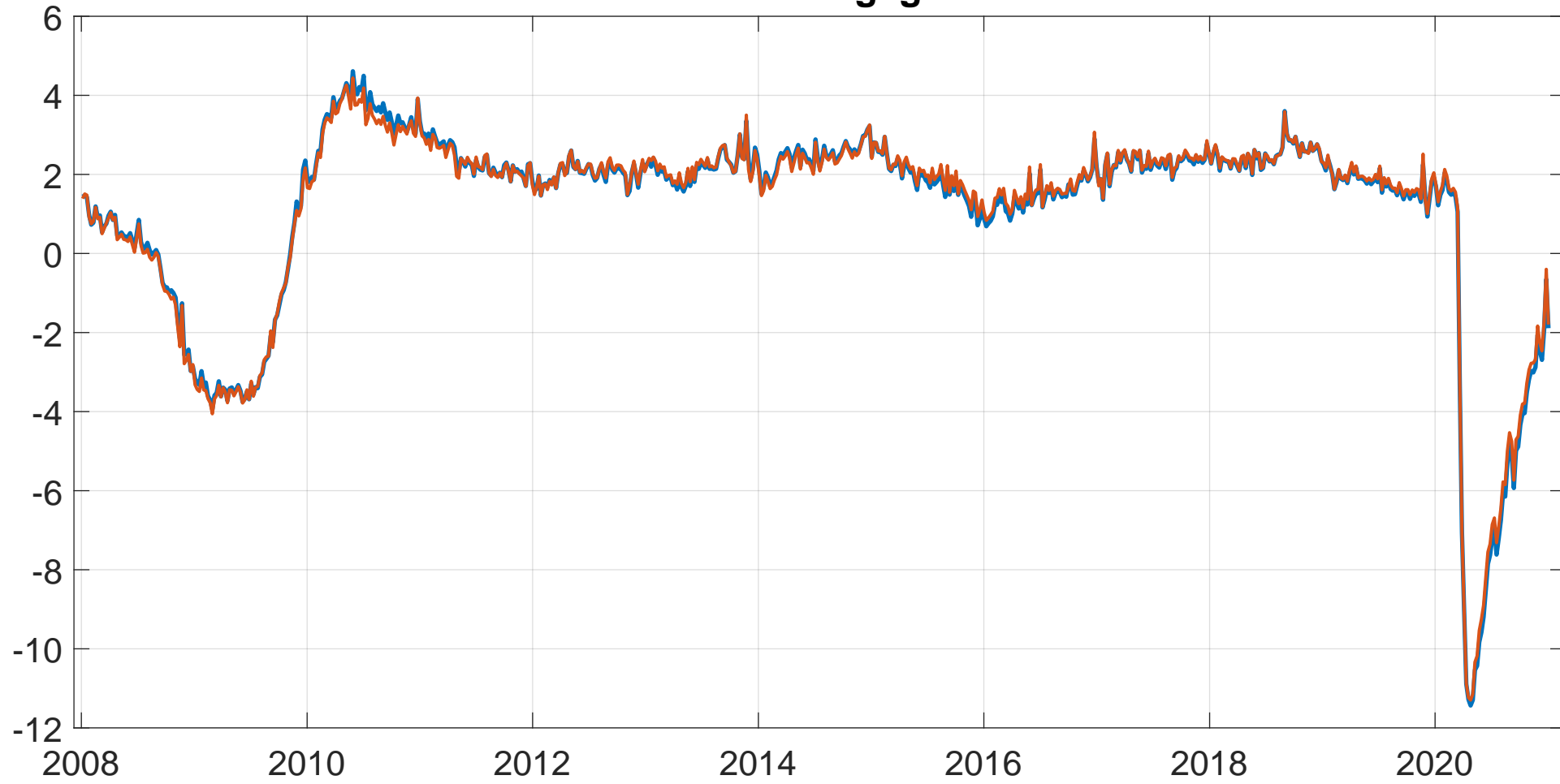


Public Data Only



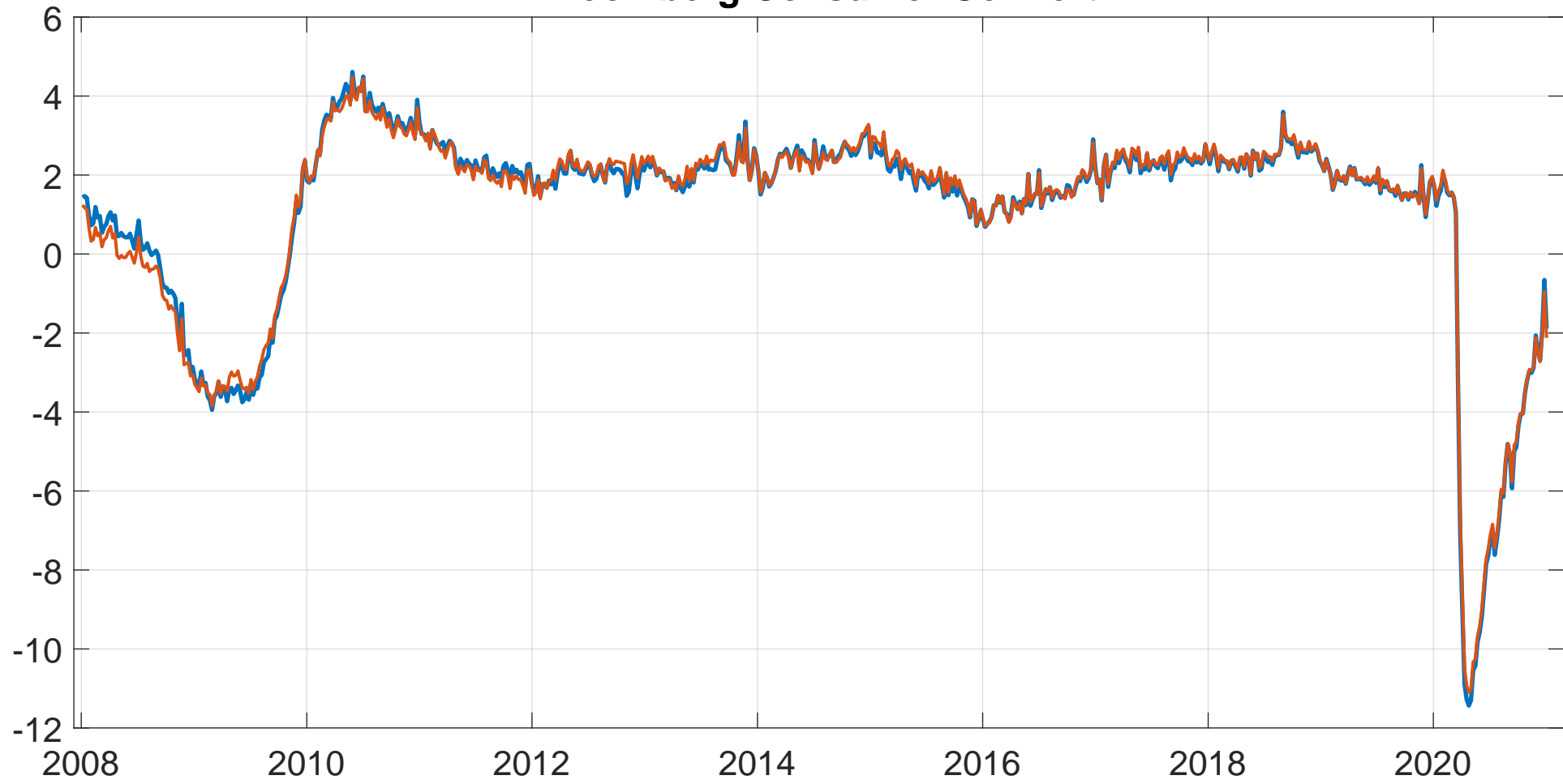
MBA Mortgages

Percent

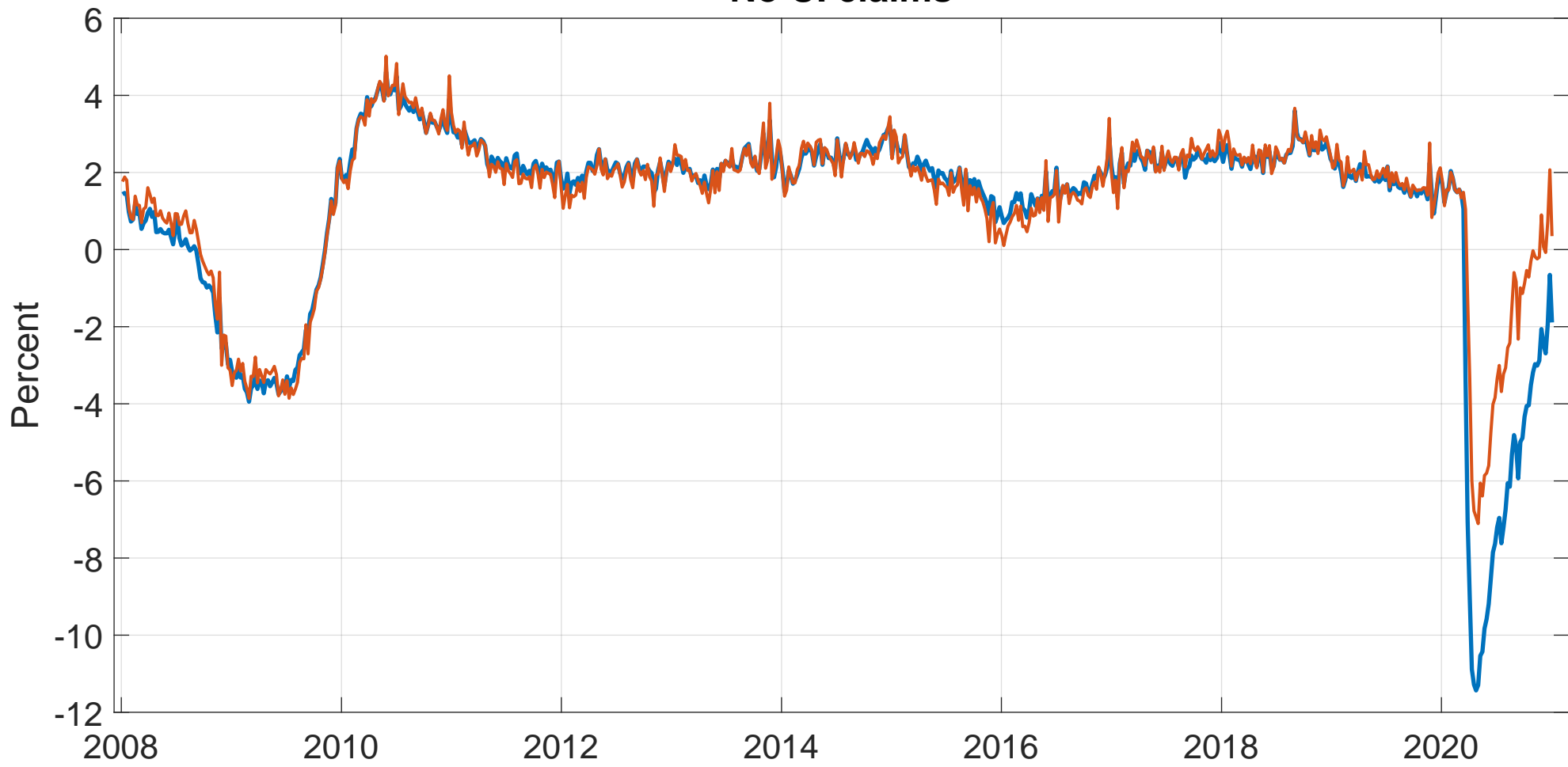


Bloomberg Consumer Comfort

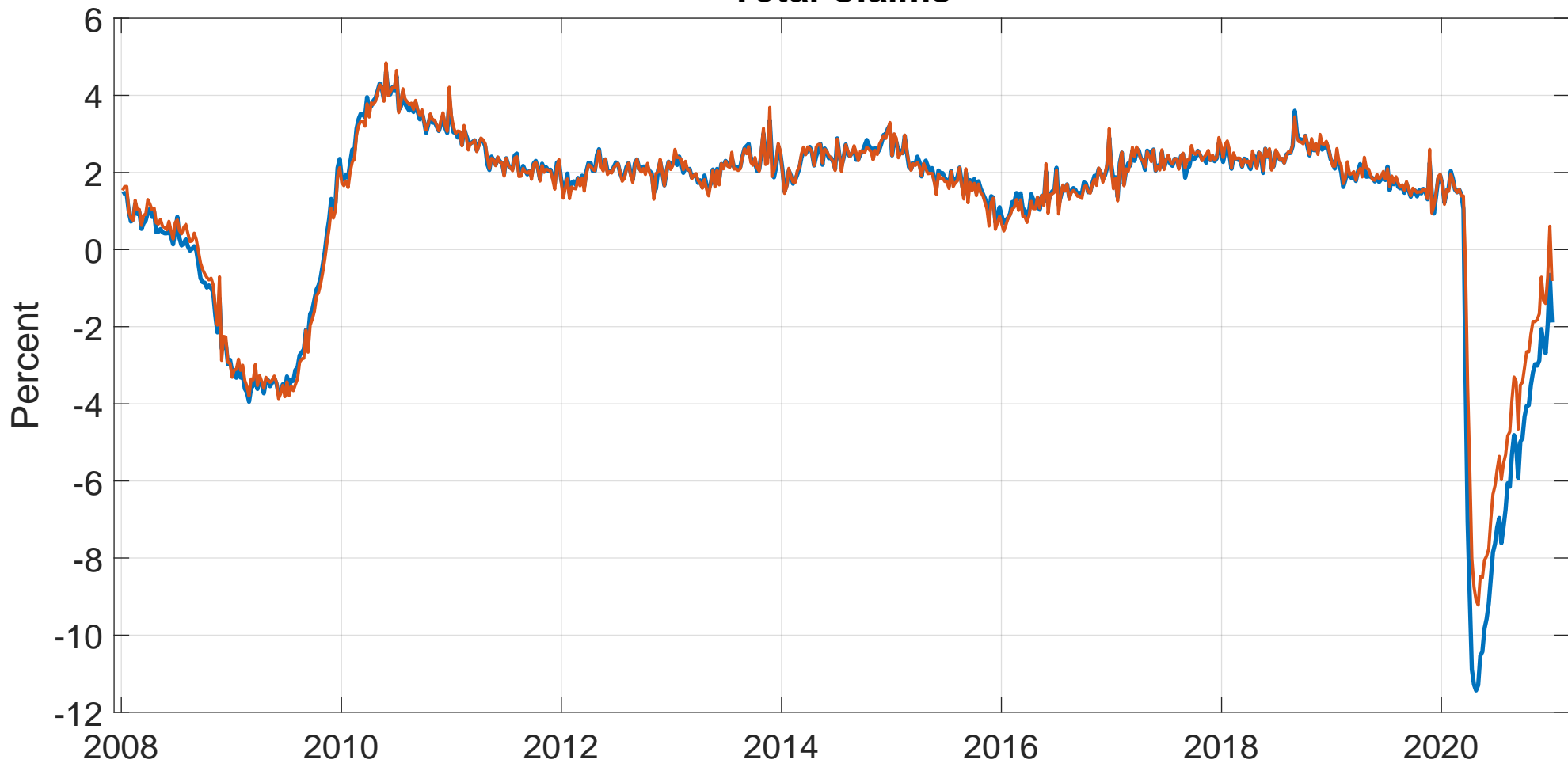
Percent



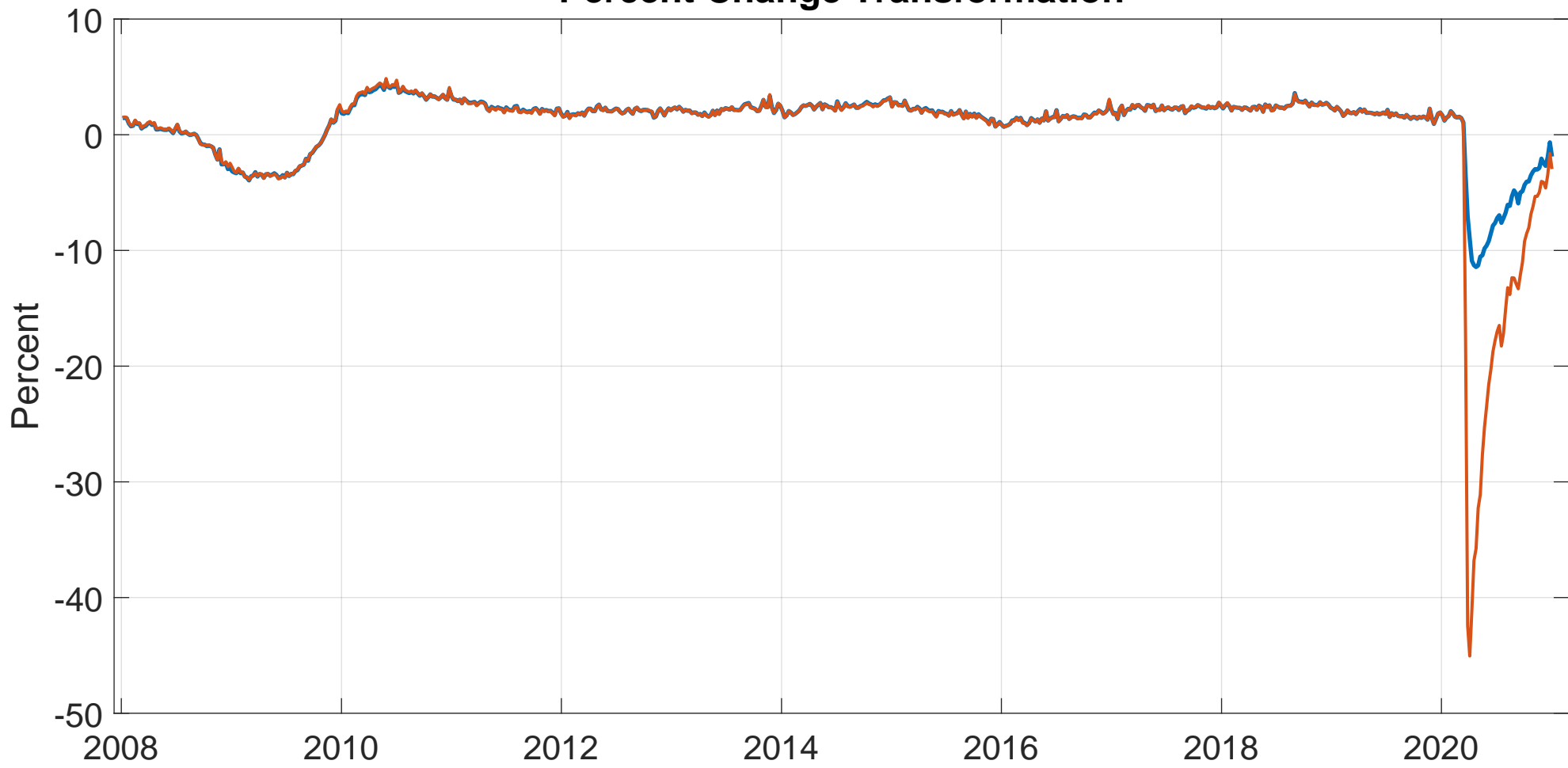
No UI claims

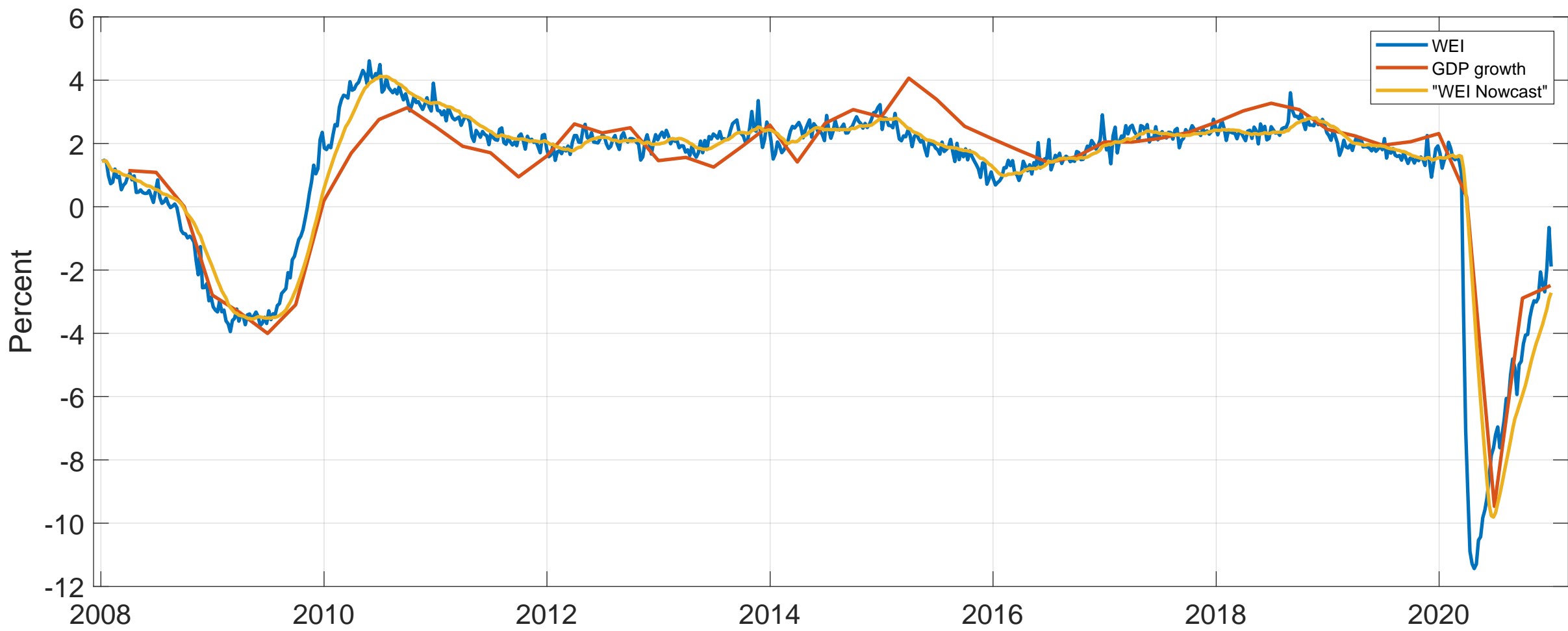


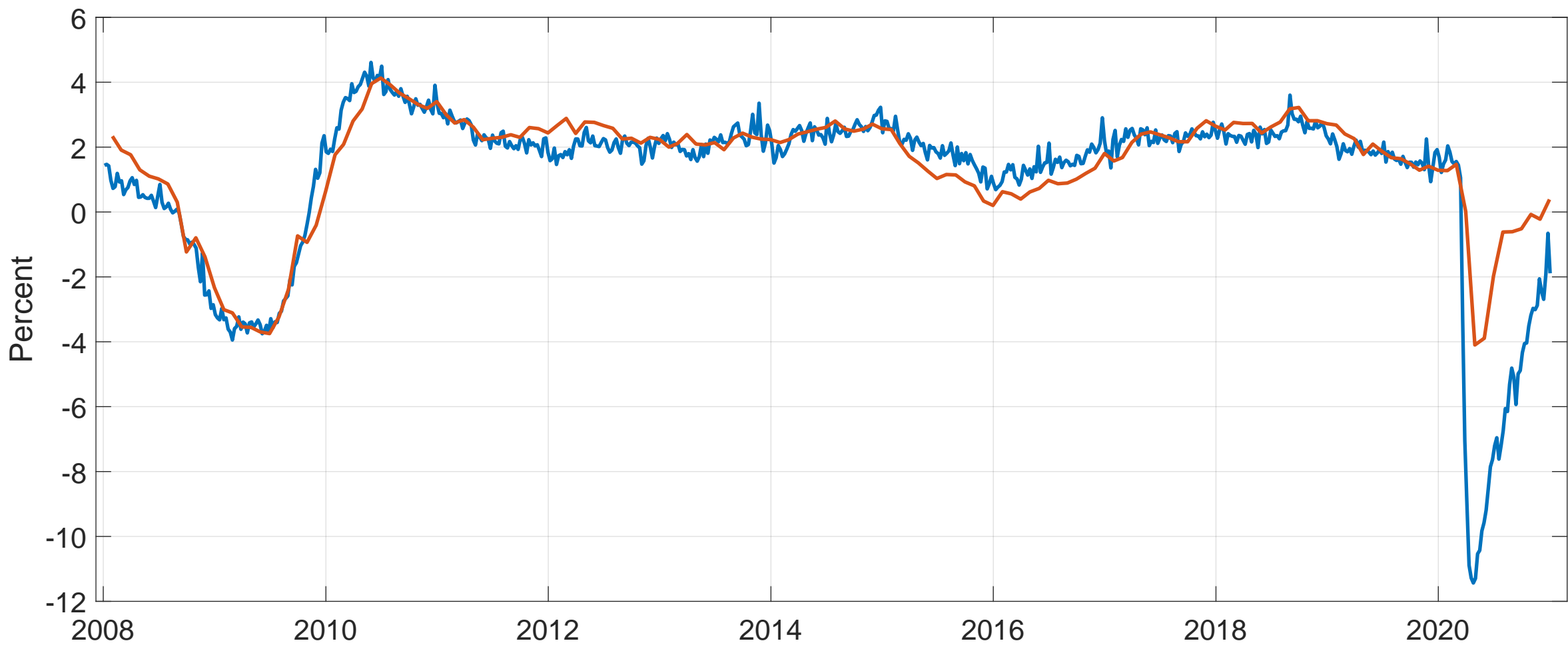
Total Claims



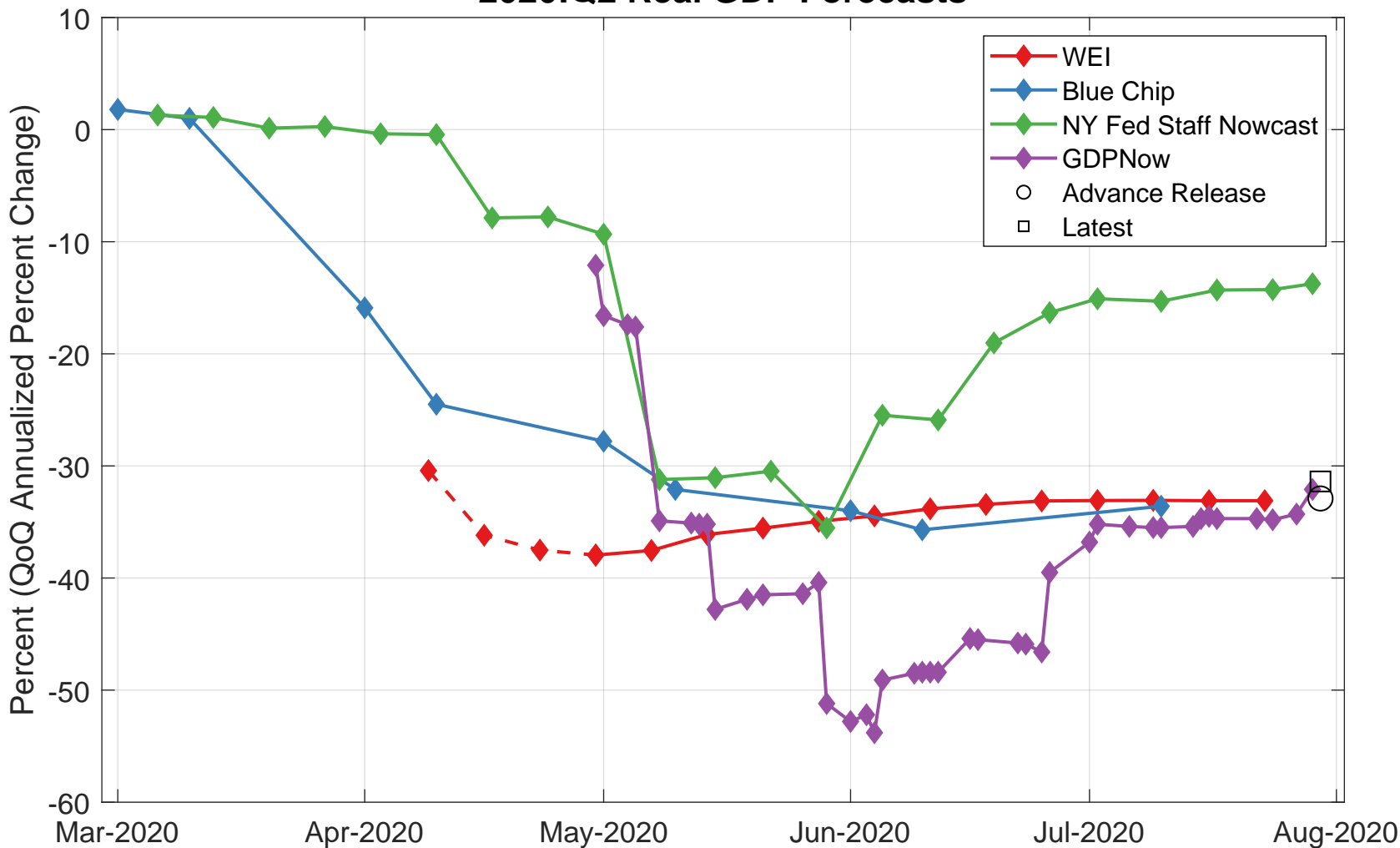
Percent Change Transformation



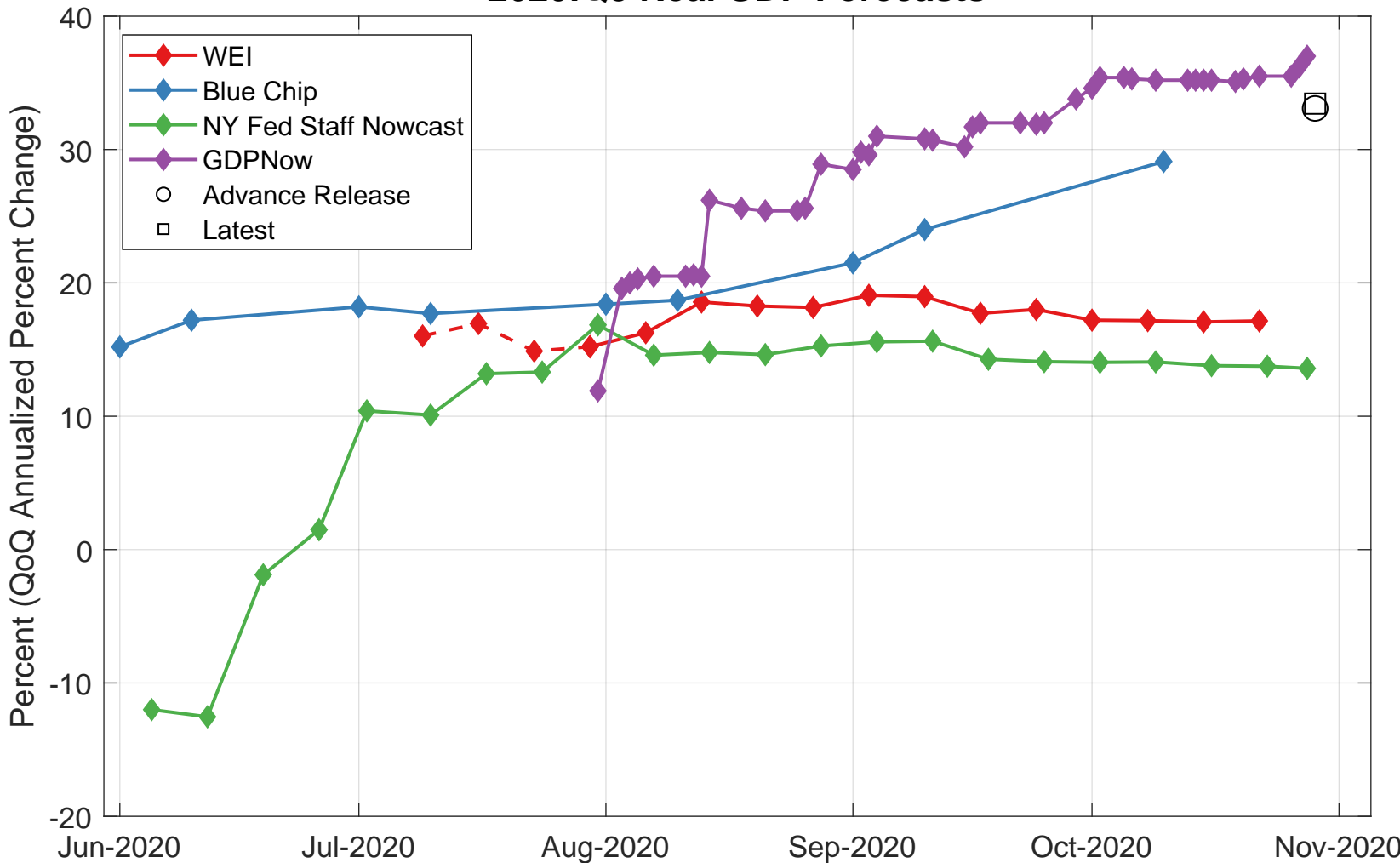




2020:Q2 Real GDP Forecasts



2020:Q3 Real GDP Forecasts



2020:Q4 Real GDP Forecasts

