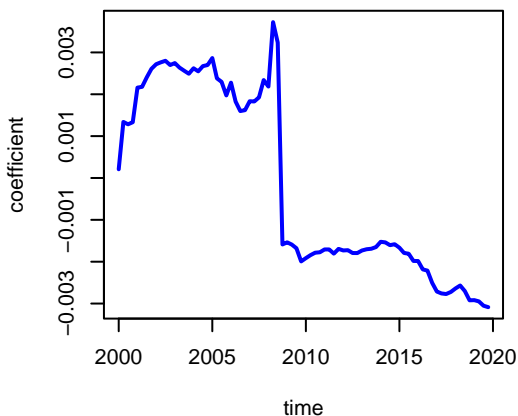
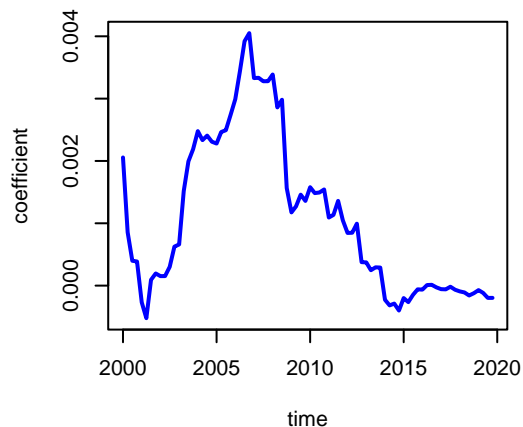


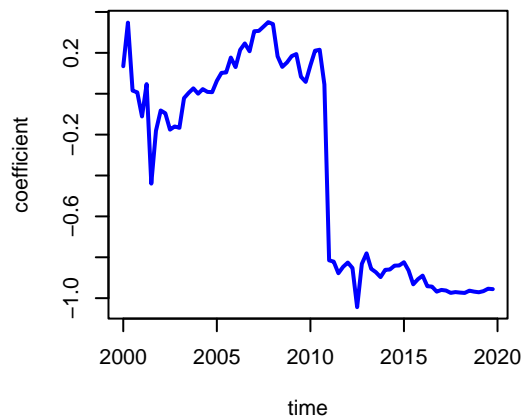
3-Month Commercial Paper Minus Federal Funds Rate



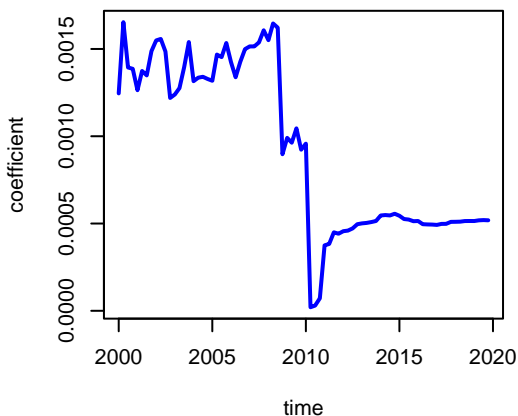
Nonfarm Business Sector: Real Compensation Per Hour (Index 2012=100)



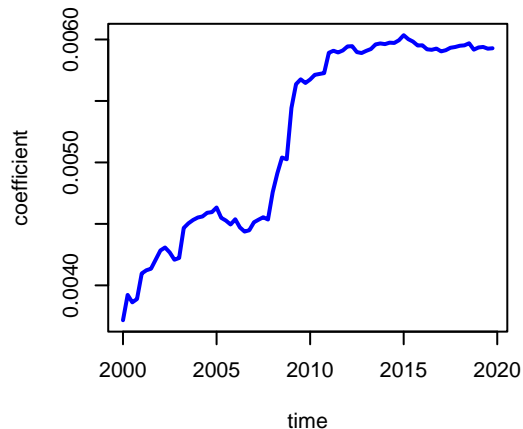
Nonrevolving consumer credit to Personal Income



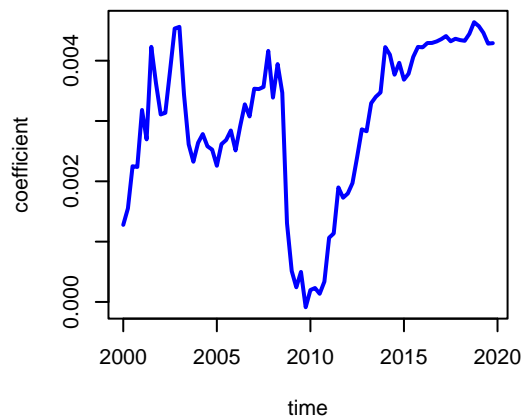
Real Consumer Loans at All Commercial Banks (Billions of 2012 U.S. Dollars), deflated by Core PCE



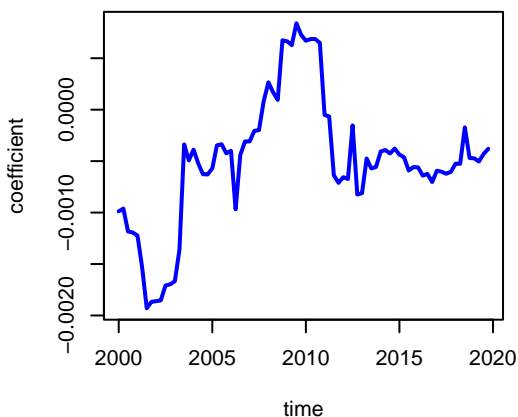
3-Month AA Financial Commercial Paper Rate



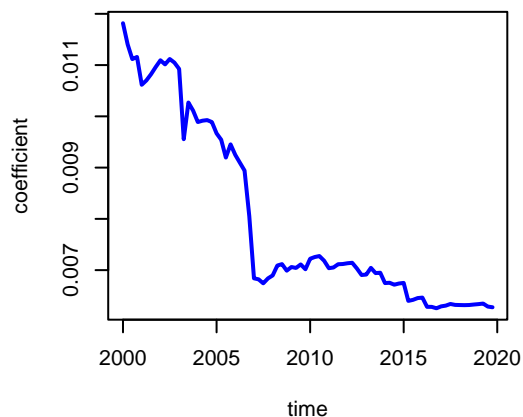
3-Month Commercial Paper Minus 3-Month Treasury Bill, secondary market (Percent)



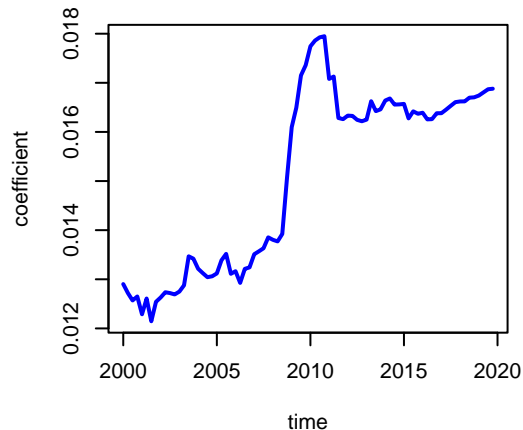
Consumer Price Index for All Urban Consumers: Apparel (Index 1982-84=100)



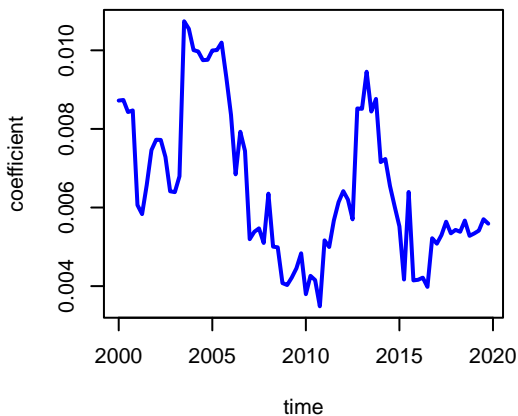
Consumer Price Index for All Urban Consumers: All Items (Index 1982-84=100)



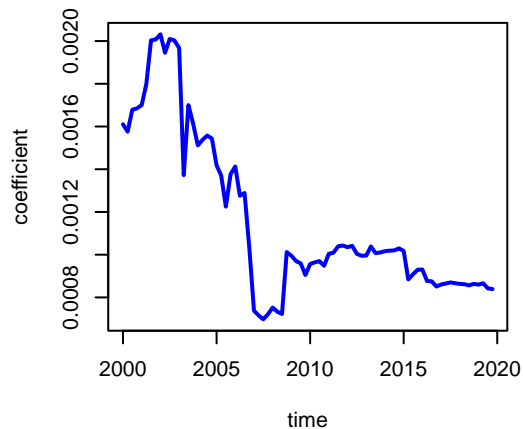
Consumer Price Index for All Urban Consumers: All Items Less Food & Energy (Index 1982-84=100)



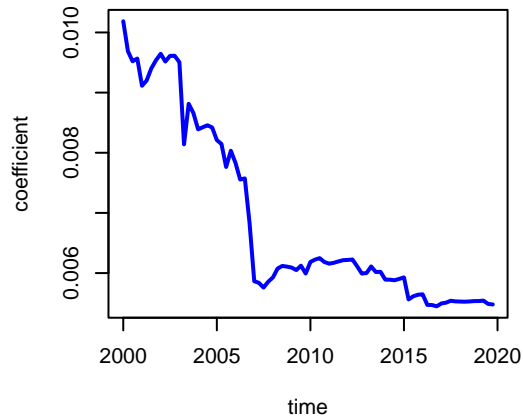
Consumer Price Index for All Urban Consumers: Medical Care (Index 1982-84=100)



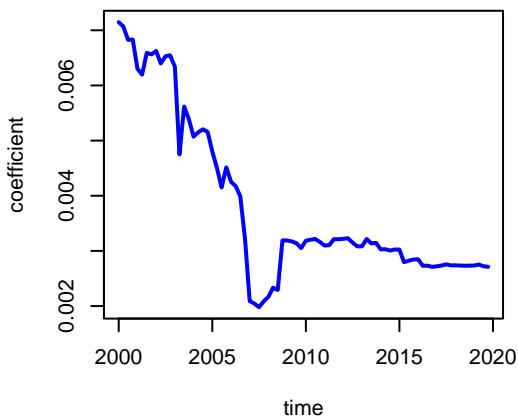
Consumer Price Index for All Urban Consumers: Transportation (Index 1982-84=100)



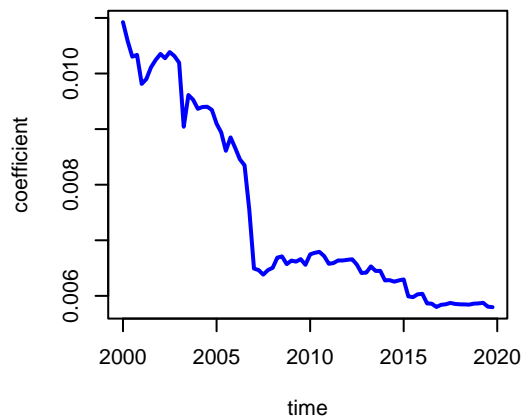
Consumer Price Index for All Urban Consumers: All Items Less Food (Index 1982-84=100)



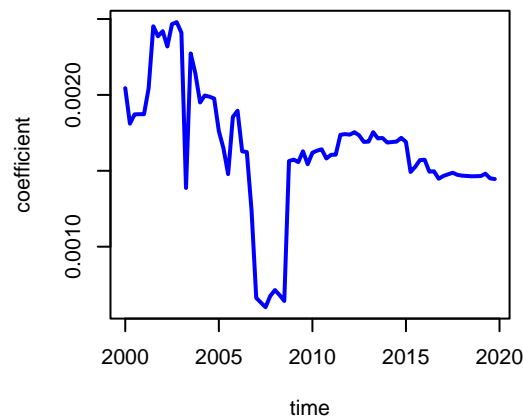
Consumer Price Index for All Urban Consumers: All items less shelter (Index 1982–84=100)



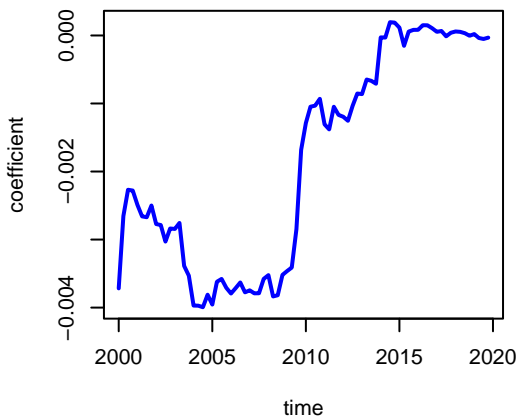
Consumer Price Index for All Urban Consumers: All items less medical care (Index 1982–84=100)



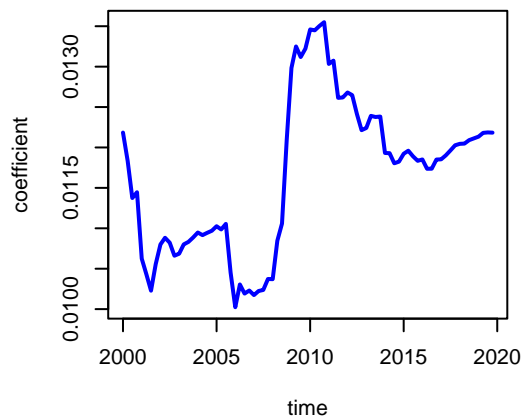
Consumer Price Index for All Urban Consumers: Commodities (Index 1982–84=100)



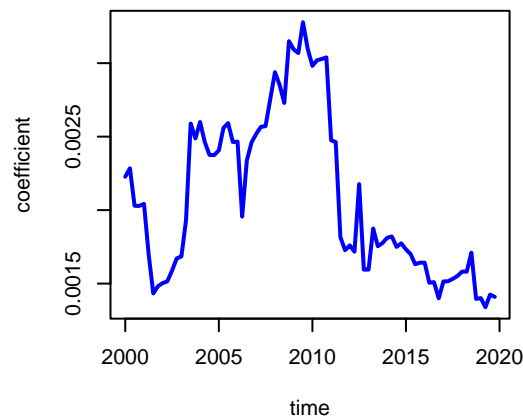
Consumer Price Index for All Urban Consumers: Durables (Index 1982–84=100)



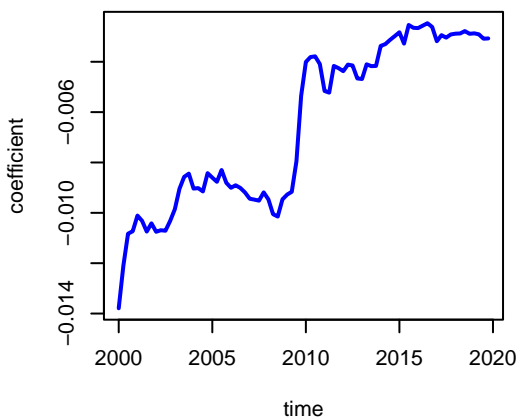
Consumer Price Index for All Urban Consumers: Services (Index 1982–84=100)



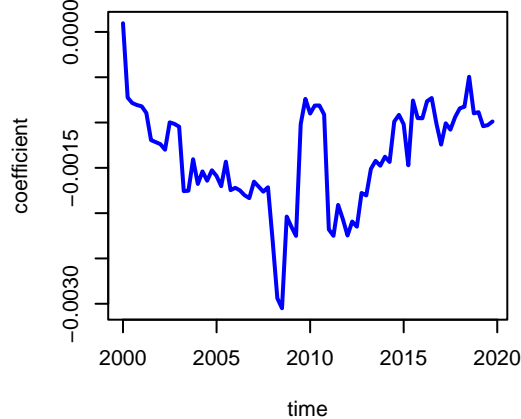
Personal consumption expenditures: Nondurable goods: Clothing and footwear (chain-type price index)



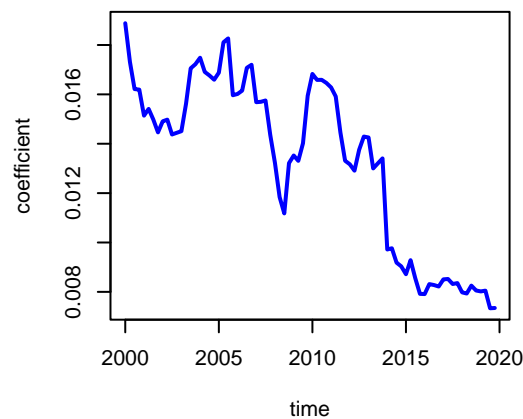
Personal consumption expenditures: Durable goods (chain-type price index)



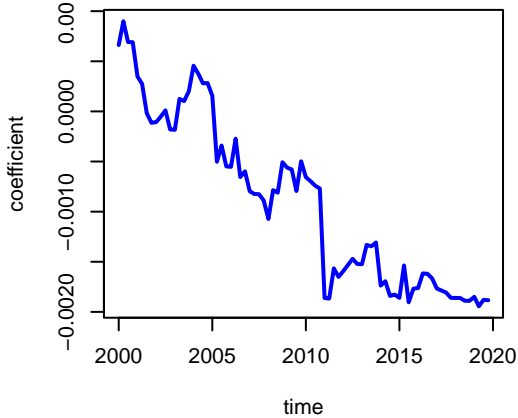
Personal consumption expenditures: Durable goods: Furnishings and durable household equipment (chain-type price index)



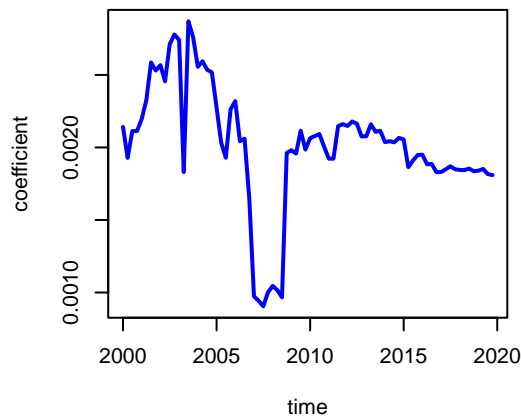
Personal consumption expenditures: Services: Food services and accommodations (chain-type price index)



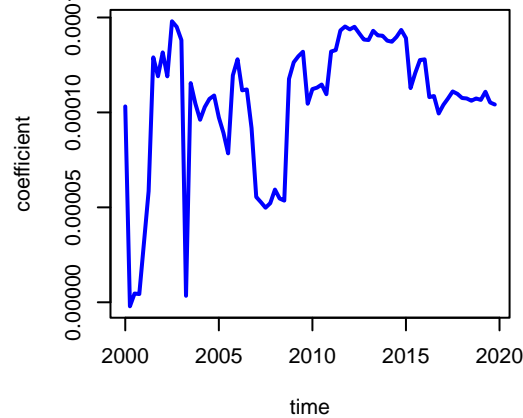
Personal consumption expenditures: Nondurable goods: Food and beverages purchased for off-premises consumption (chain-type price index)



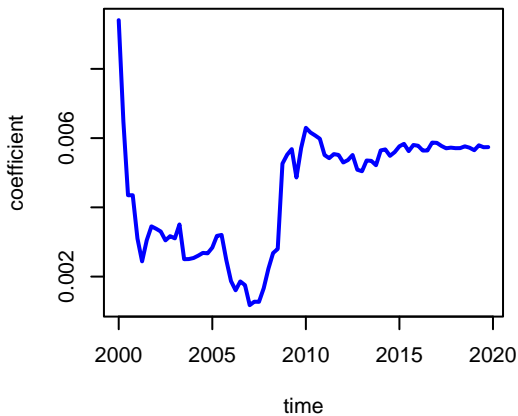
Personal consumption expenditures: Goods (chain-type price index)



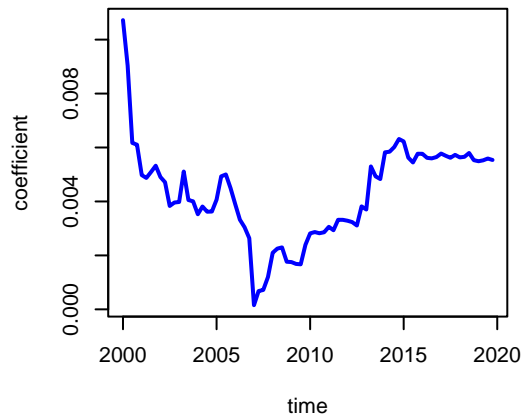
Personal consumption expenditures: Nondurable goods: Gasoline and other energy goods (chain-type price index)



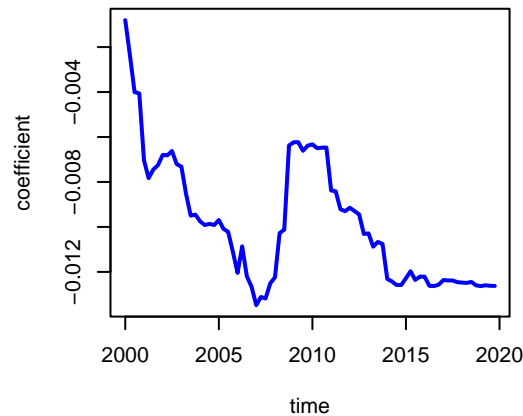
Personal consumption expenditures: Services: Household consumption expenditures (chain-type price index)



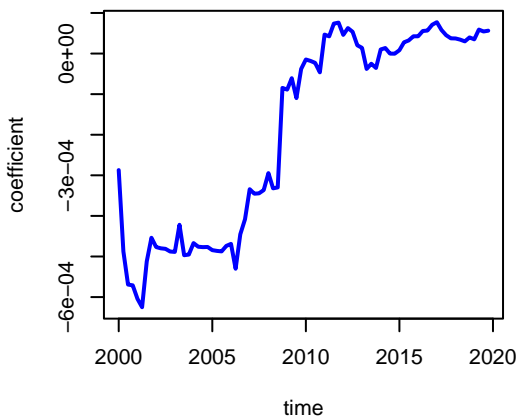
Personal consumption expenditures: Services: Health care (chain-type price index)



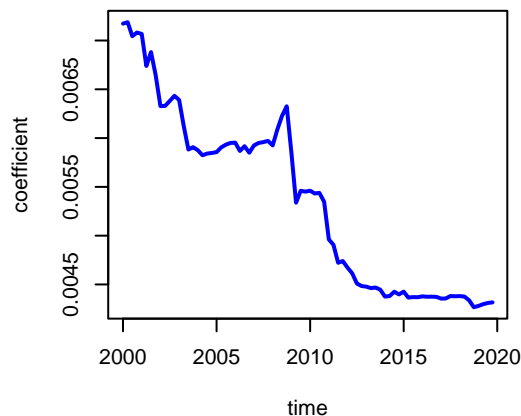
Personal consumption expenditures: Services: Housing and utilities (chain-type price index)



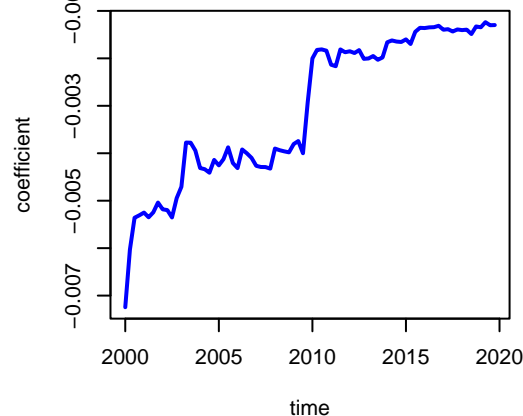
Personal consumption expenditures: Financial services and insurance (chain-type price index)



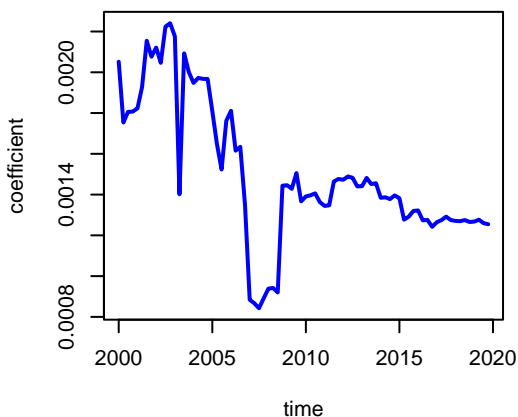
All Employees: Durable goods (Thousands of Persons)



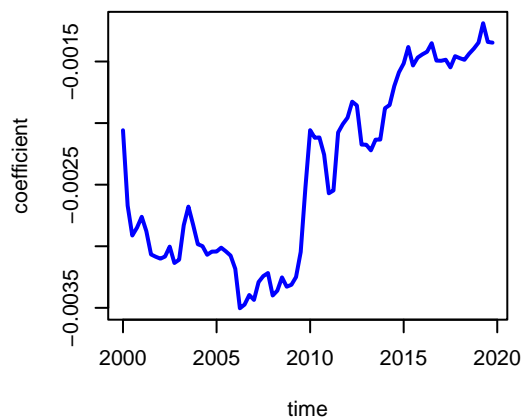
Personal consumption expenditures: Durable goods: Motor vehicles and parts (chain-type price index)



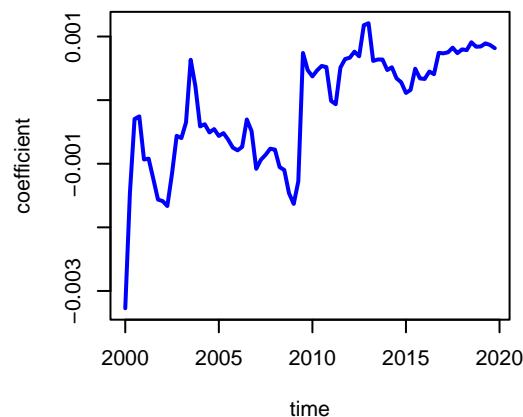
Personal consumption expenditures: Nondurable goods (chain-type price index)



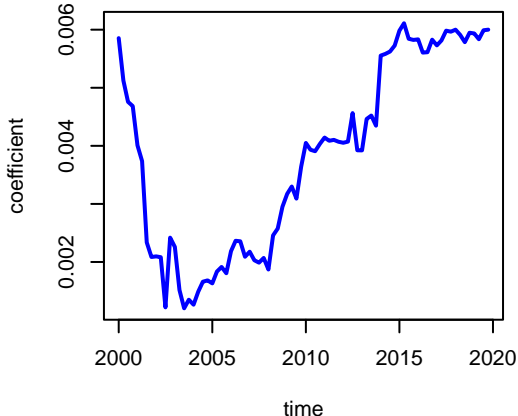
Personal consumption expenditures: Durable goods: Other durable goods (chain-type price index)



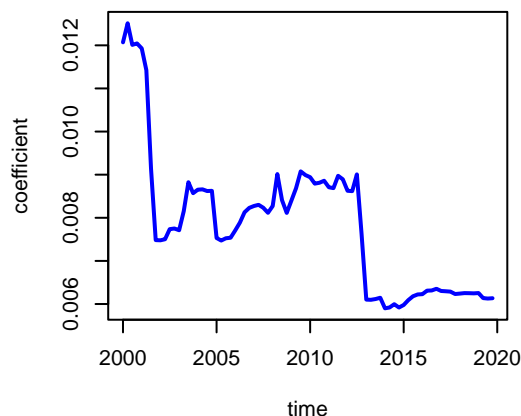
Personal consumption expenditures: Nondurable goods: Other nondurable goods (chain-type price index)



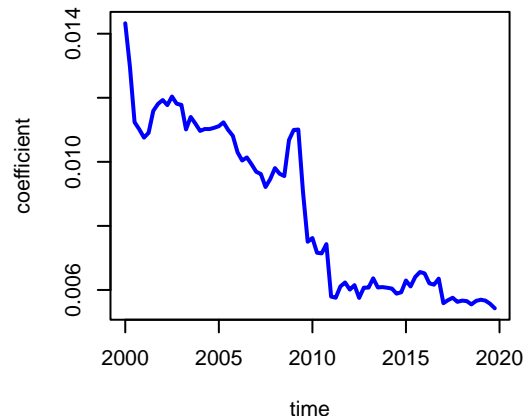
Personal consumption expenditures: Other services (chain-type price index)



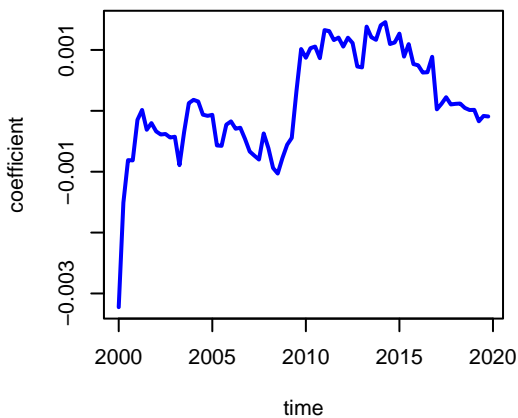
Real Disposable Personal Income (Billions of Chained 2012 Dollars)



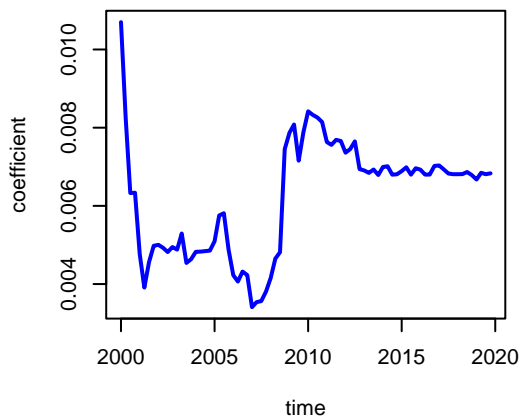
Personal consumption expenditures: Recreation services (chain-type price index)



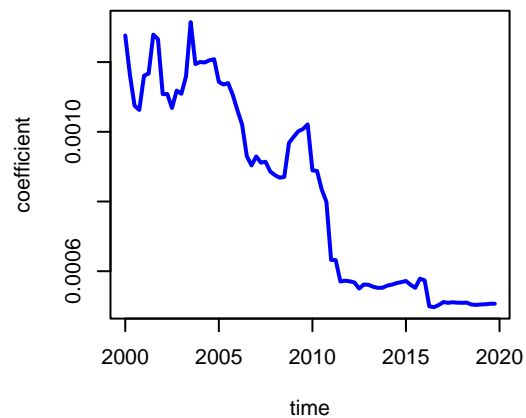
Personal consumption expenditures: Durable goods: Recreational goods and vehicles (chain-type price index)



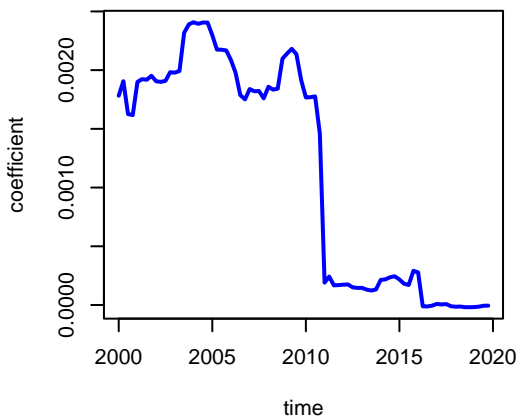
Personal consumption expenditures: Services (chain-type price index)



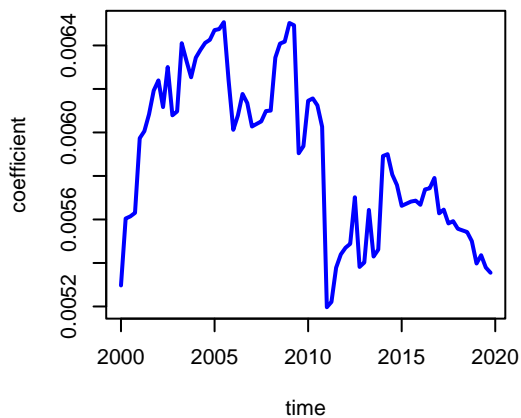
Consumer Motor Vehicle Loans Outstanding Owned by Finance Companies (Millions of Dollars)



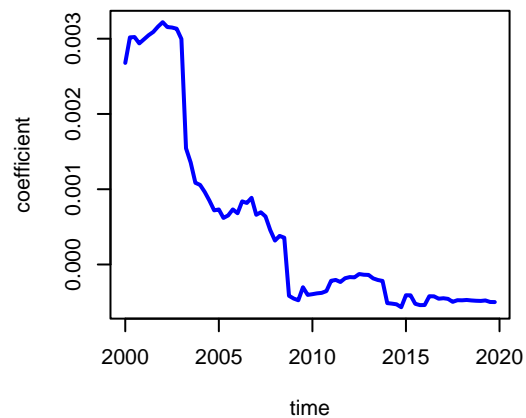
Total Consumer Loans and Leases Outstanding Owned and Securitized by Finance Companies (Millions of Dollars)



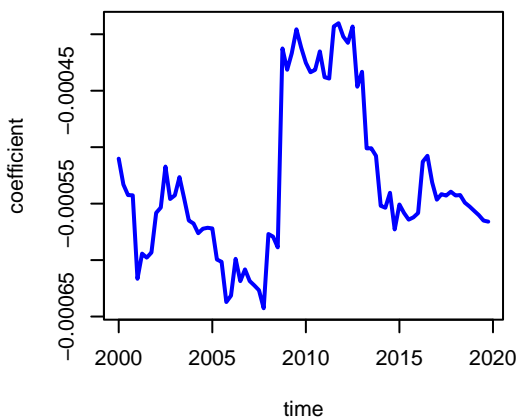
Personal consumption expenditures: Transportation services (chain-type price index)



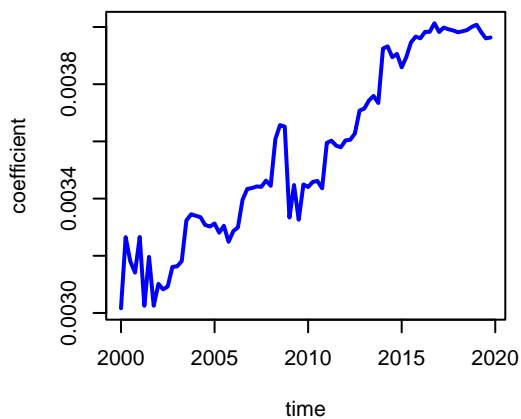
Canada / U.S. Foreign Exchange Rate



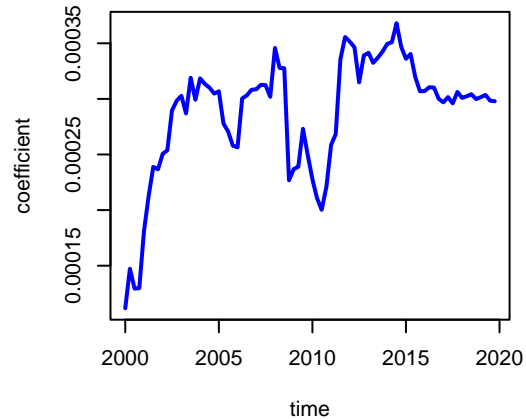
Japan / U.S. Foreign Exchange Rate



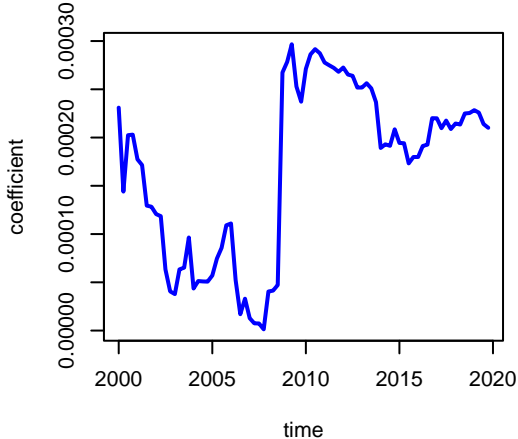
Real Exports of Goods & Services, 3 Decimal (Billions of Chained 2012 Dollars)



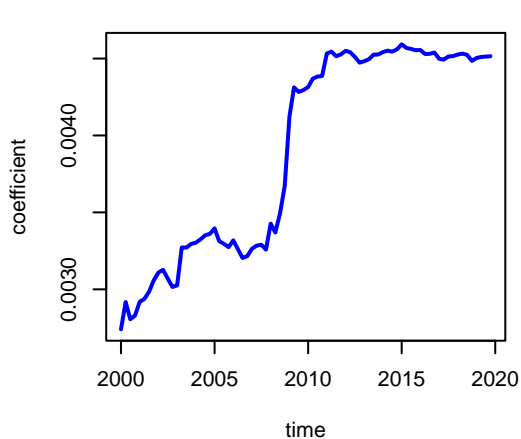
Switzerland / U.S. Foreign Exchange Rate



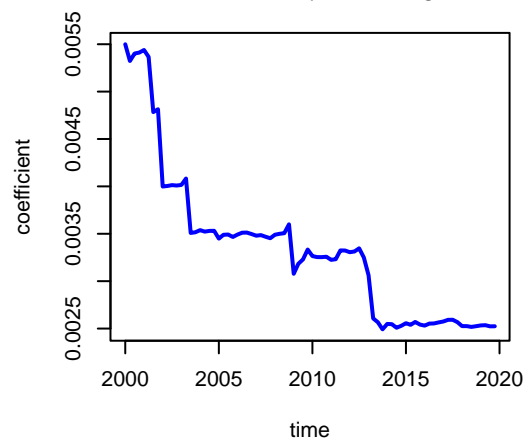
U.S. / U.K. Foreign Exchange Rate



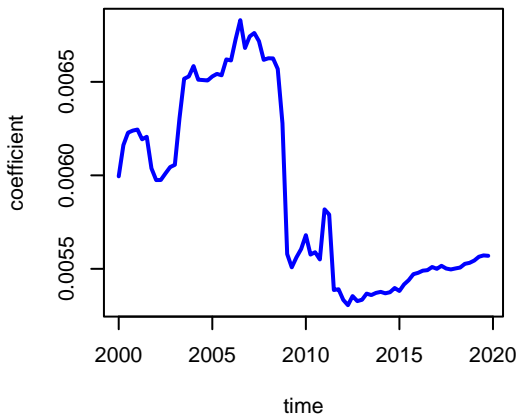
Effective Federal Funds Rate (Percent)



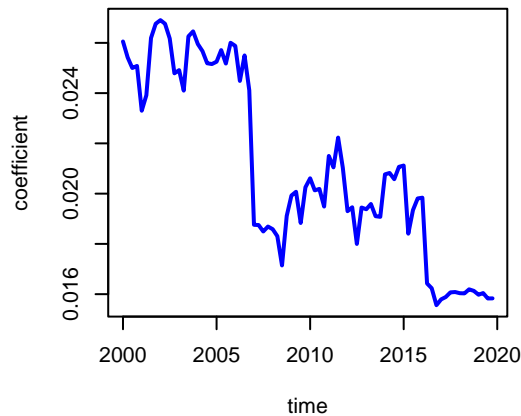
Real Federal Government Current Receipts (Billions of Chained 2012 Dollars), deflated using PCE



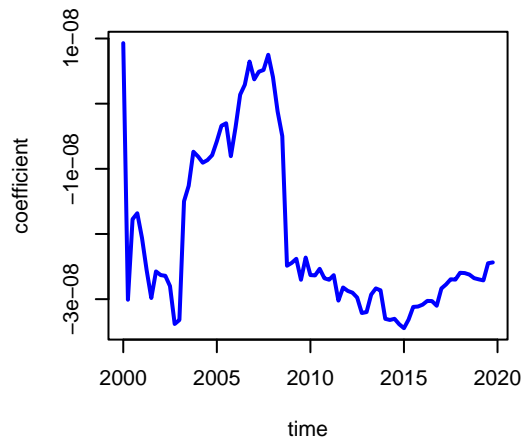
Real private fixed investment (Billions of Chained 2012 Dollars), deflated using PCE



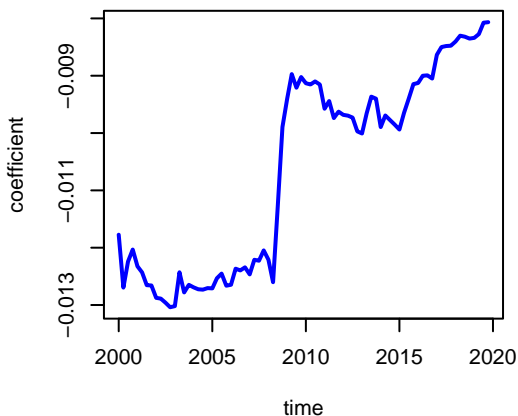
Gross Domestic Product: Chain-type Price Index (Index 2012=100)



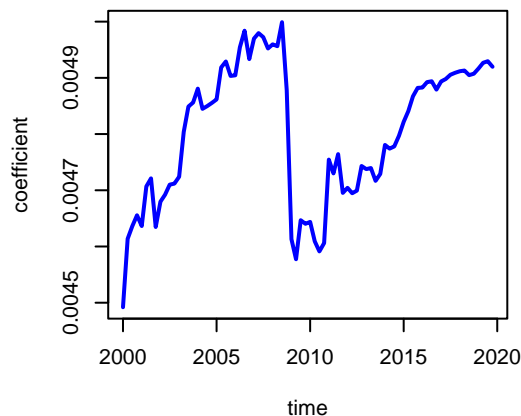
Real Federal Debt: Total Public Debt (Millions of 2012 Dollars), deflated by PCE



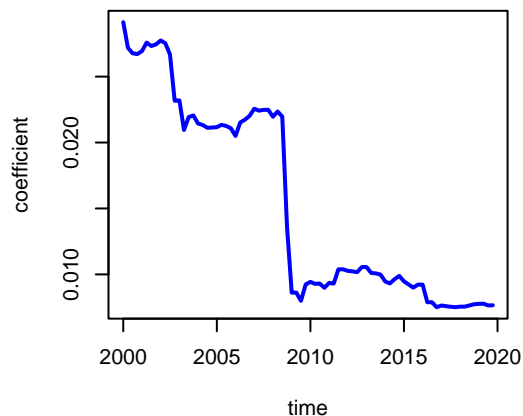
Federal Debt: Total Public Debt as Percent of GDP (Percent)



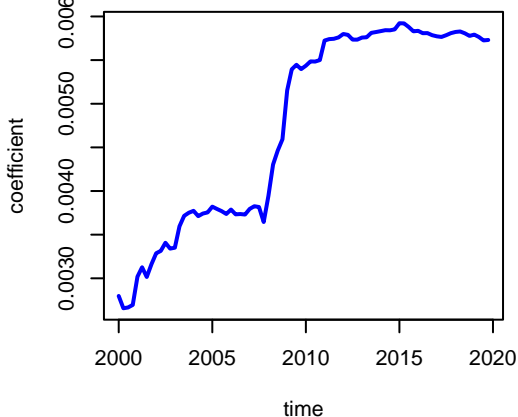
Real Gross Private Domestic Investment, 3 decimal (Billions of Chained 2012 Dollars)



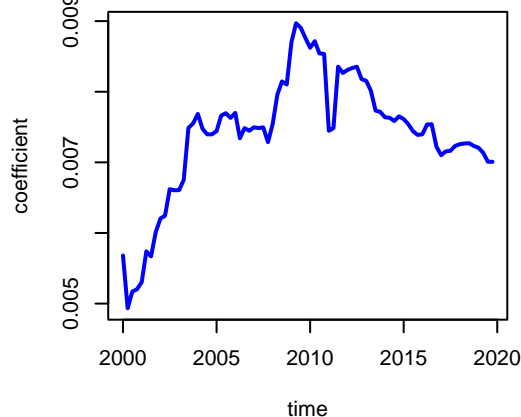
Gross Private Domestic Investment: Chain-type Price Index (Index 2012=100)



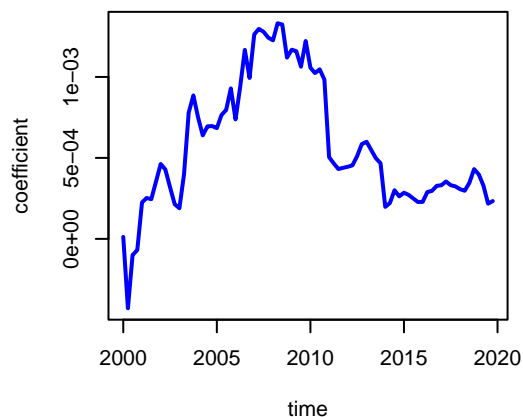
1-Year Treasury Constant Maturity Rate (Percent)



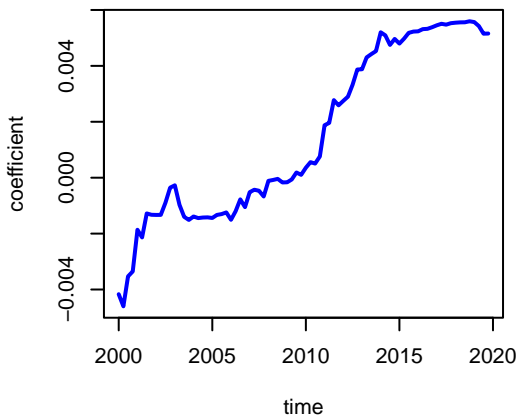
10-Year Treasury Constant Maturity Rate (Percent)



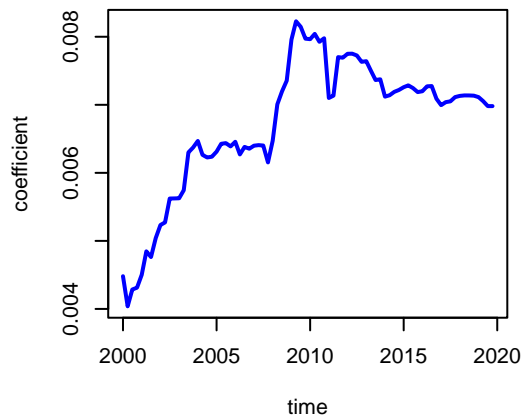
10-Year Treasury Constant Maturity Minus 3-Month Treasury Bill, secondary market (Percent)



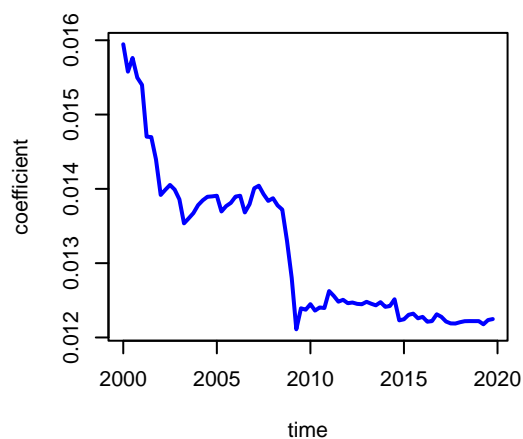
1-Year Treasury Constant Maturity Minus 3-Month Treasury Bill, secondary market (Percent)



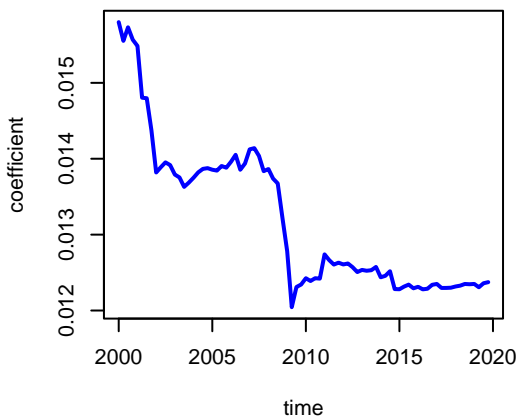
5-Year Treasury Constant Maturity Rate



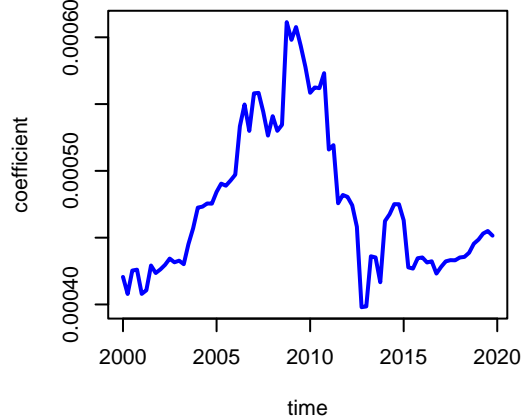
Business Sector: Hours of All Persons (Index 2012=100)



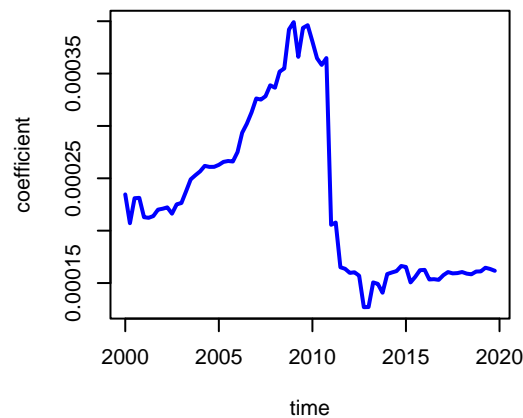
Nonfarm Business Sector: Hours of All Persons (Index 2012=100)



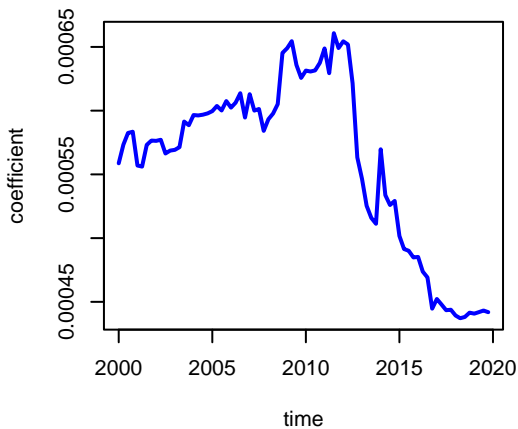
Housing Starts: Total: New Privately Owned Housing Units Started (Thousands of Units)



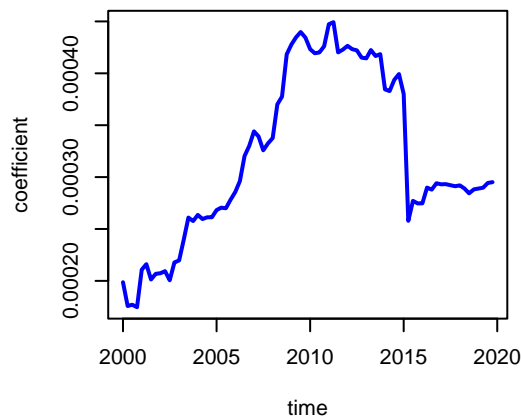
Privately Owned Housing Starts: 5-Unit Structures or More (Thousands of Units)



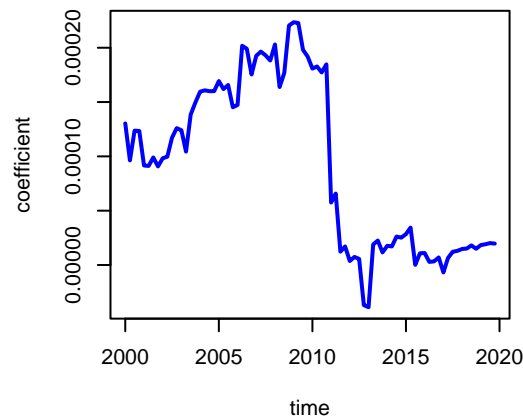
Housing Starts in Midwest Census Region (Thousands of Units)



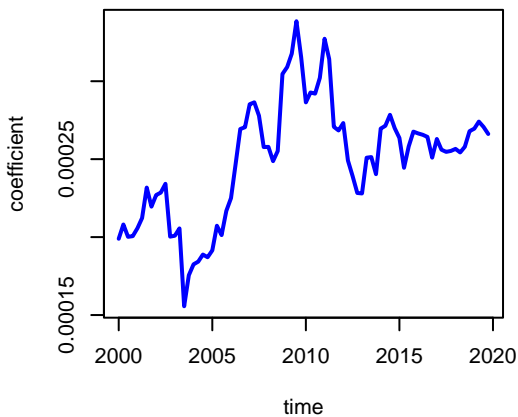
Housing Starts in Northeast Census Region (Thousands of Units)



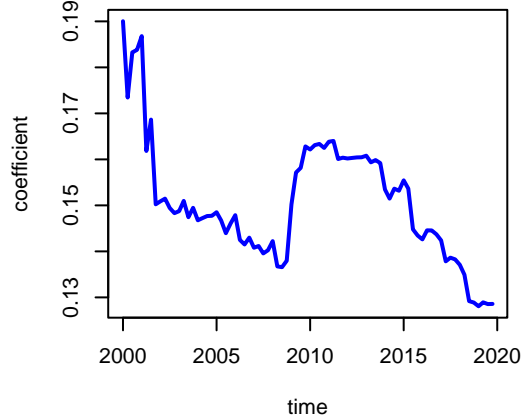
Housing Starts in South Census Region (Thousands of Units)



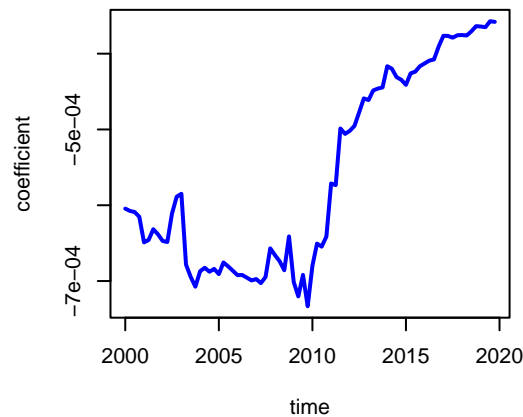
Housing Starts in West Census Region (Thousands of Units)



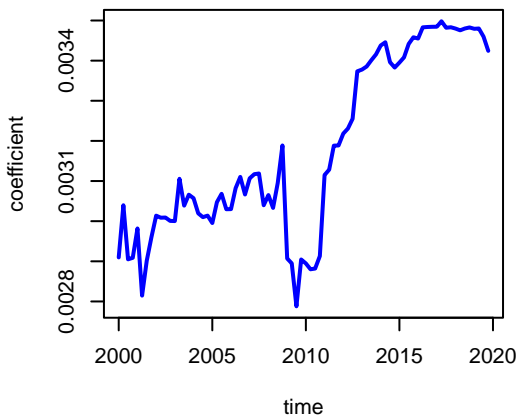
Ratio of Help Wanted/No. Unemployed



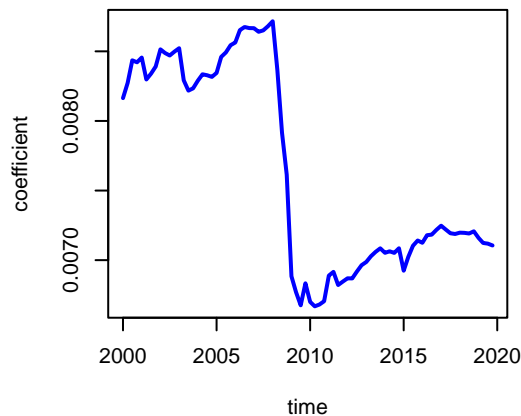
Real Institutional Money Funds (Billions of 2012 Dollars), deflated by Core PCE



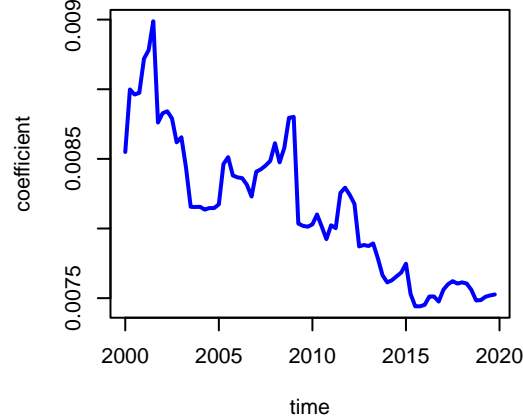
Real Imports of Goods & Services, 3 Decimal (Billions of Chained 2012 Dollars)



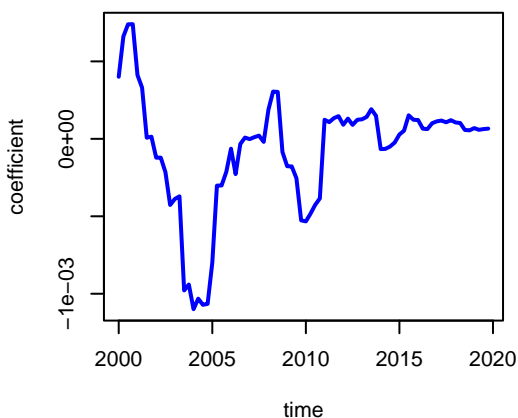
Industrial Production Index (Index 2012=100)



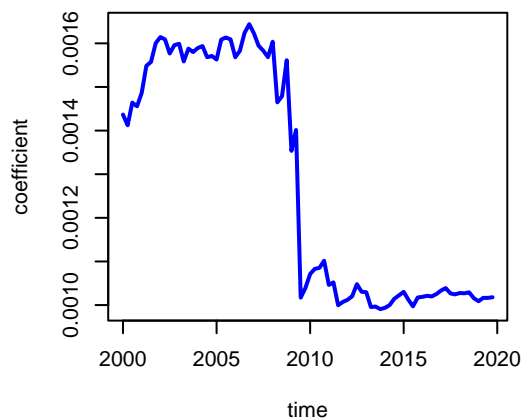
Real Manufacturing and Trade Inventories (Millions of 2012 Dollars)



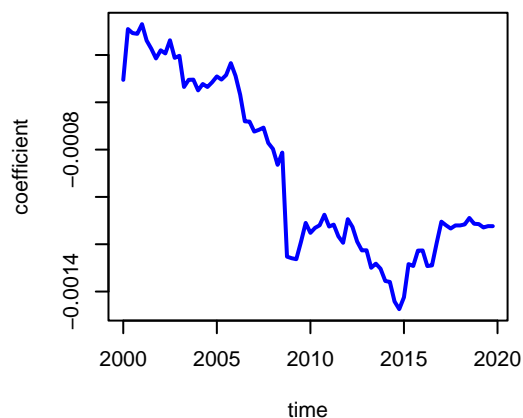
Securities in Bank Credit at All Commercial Banks (Billions of Dollars)



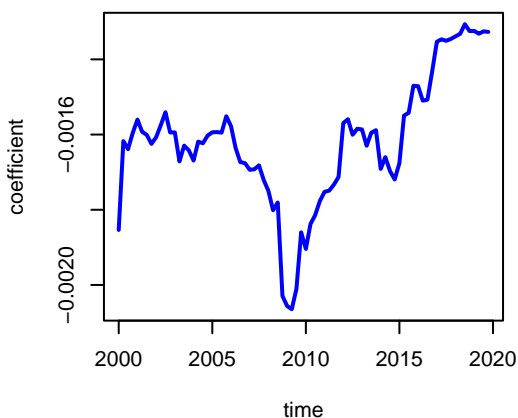
Industrial Production: Durable Goods: Automotive products (Index 2012=100)



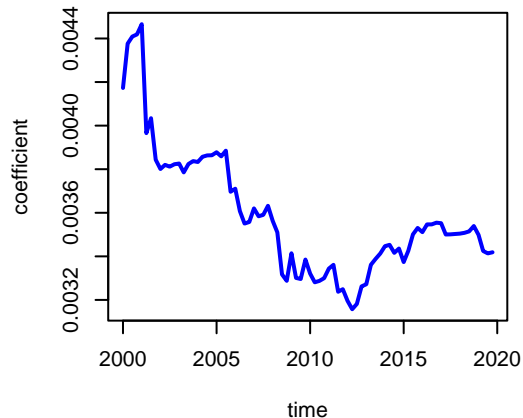
Industrial Production: Consumer energy products (Index 2012=100)



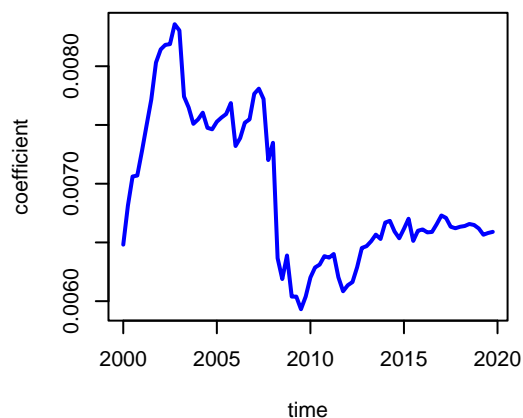
Industrial Production: Residential Utilities (Index 2012=100)



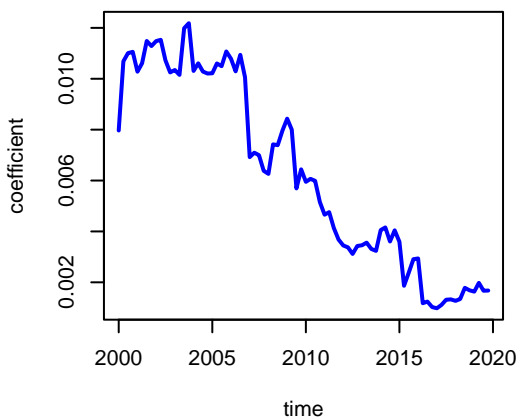
Industrial Production: Business Equipment (Index 2012=100)



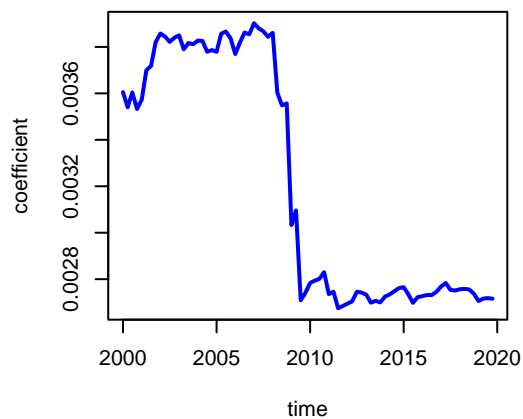
Industrial Production: Consumer Goods (Index 2012=100)



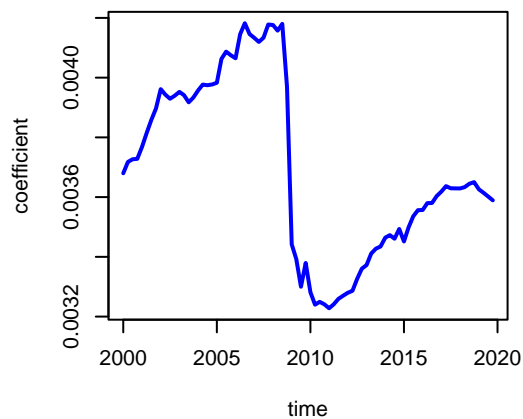
Business Sector: Implicit Price Deflator (Index 2012=100)



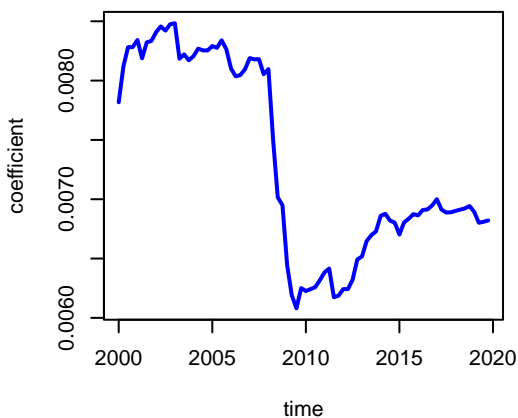
Industrial Production: Durable Consumer Goods (Index 2012=100)



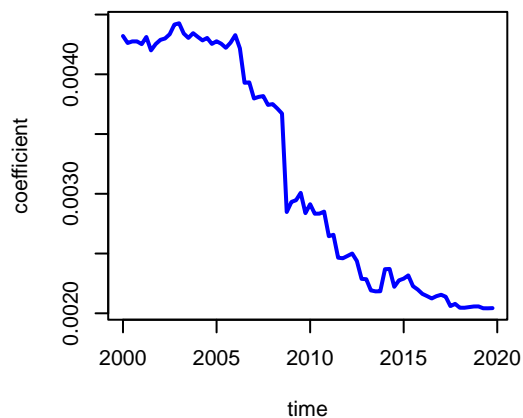
Industrial Production: Durable Materials (Index 2012=100)



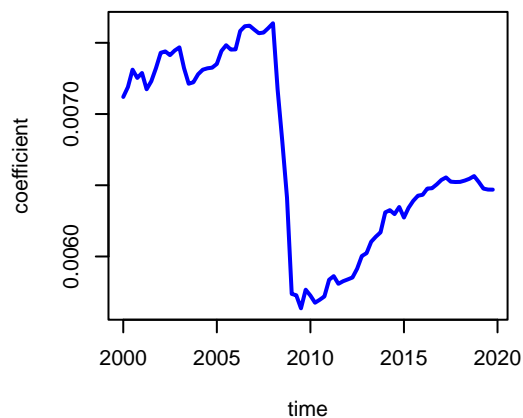
Industrial Production: Final Products (Market Group) (Index 2012=100)



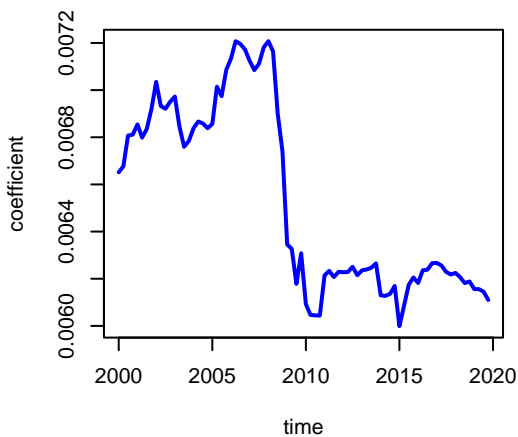
Industrial Production: Fuels (Index 2012=100)



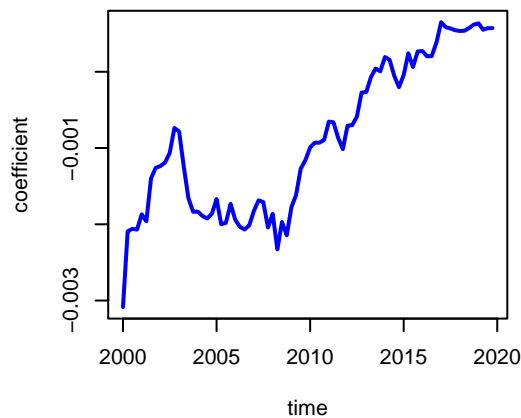
Industrial Production: Manufacturing (SIC) (Index 2012=100)



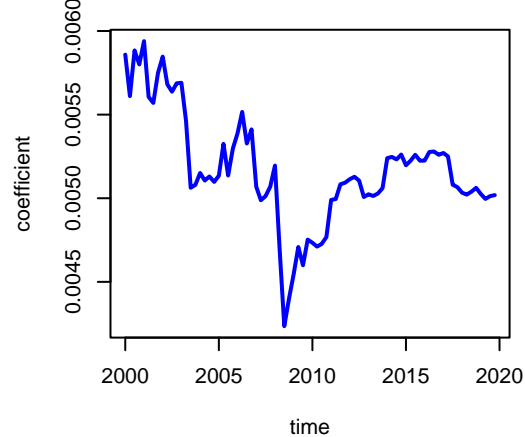
Industrial Production: Materials (Index 2012=100)



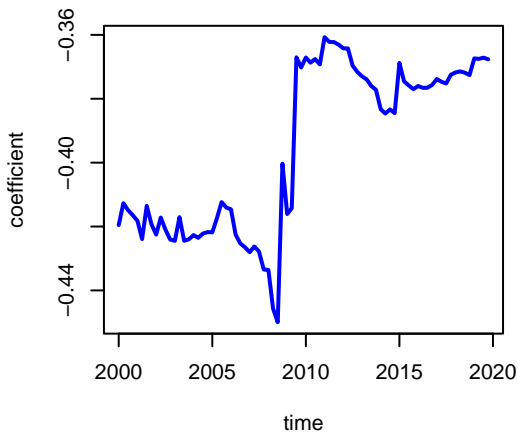
Industrial Production: Nondurable Consumer Goods (Index 2012=100)



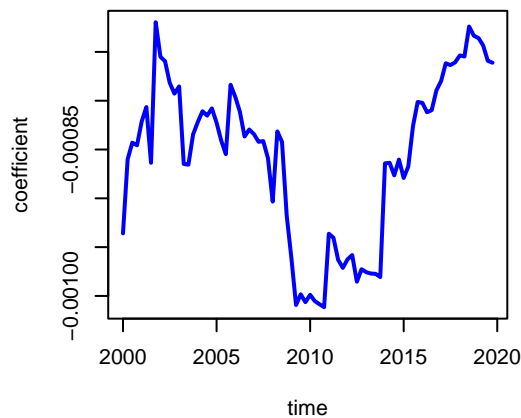
Industrial Production: Nondurable Materials (Index 2012=100)



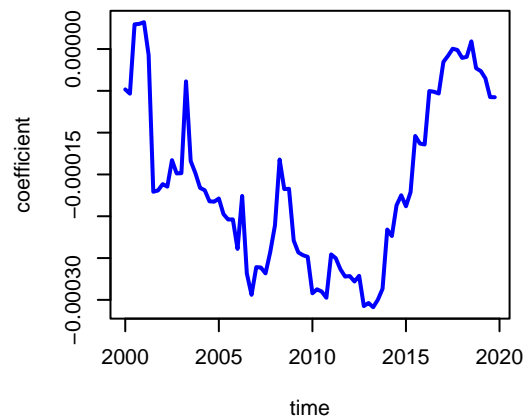
Total Business: Inventories to Sales Ratio



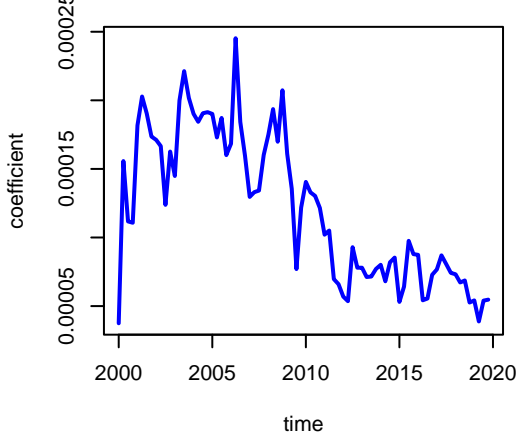
Employment Level – Part-Time for Economic Reasons, All Industries (Thousands of Persons)



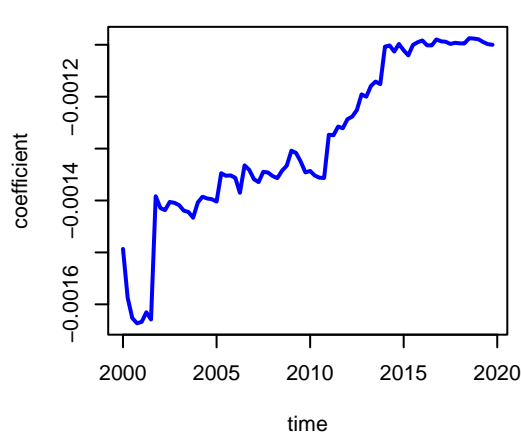
Unemployment Level – Reentrants to Labor Force (Thousands of Persons)



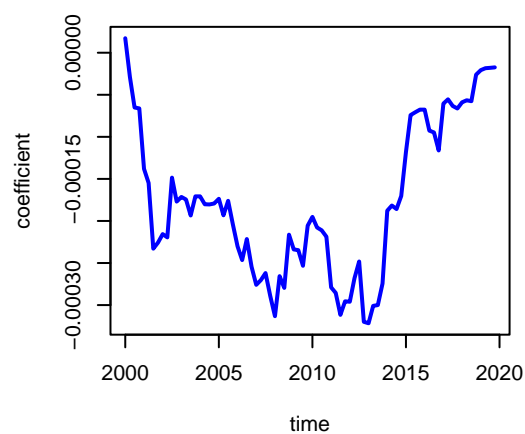
Unemployment Level – New Entrants (Thousands of Persons)



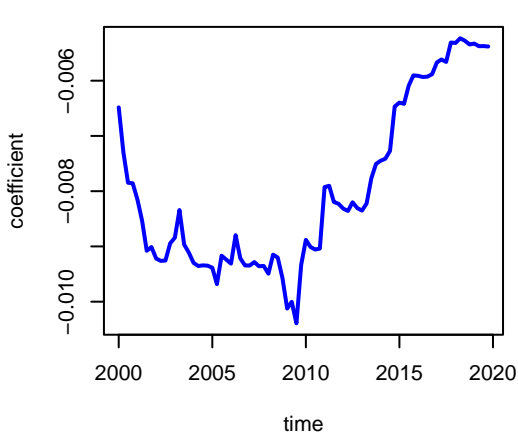
Unemployment Level – Job Losers (Thousands of Persons)



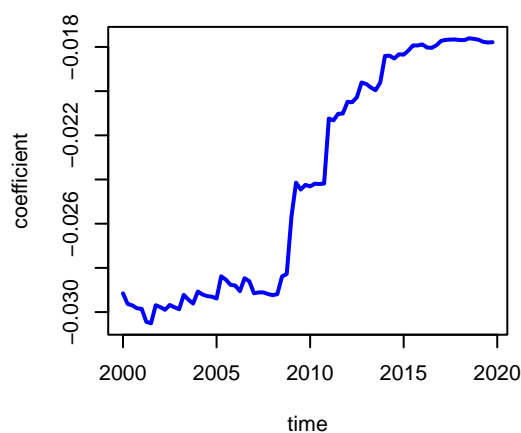
Unemployment Level – Job Leavers (Thousands of Persons)



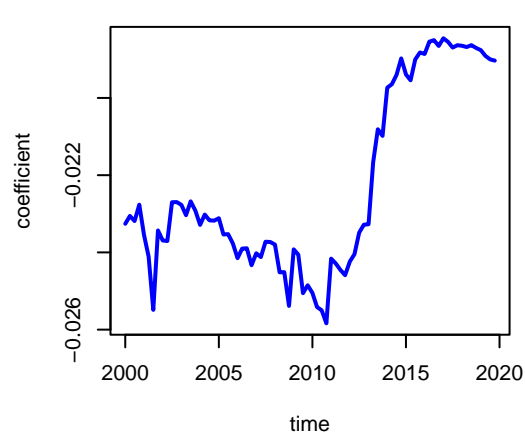
Unemployment Rate – 16 to 19 years (Percent)



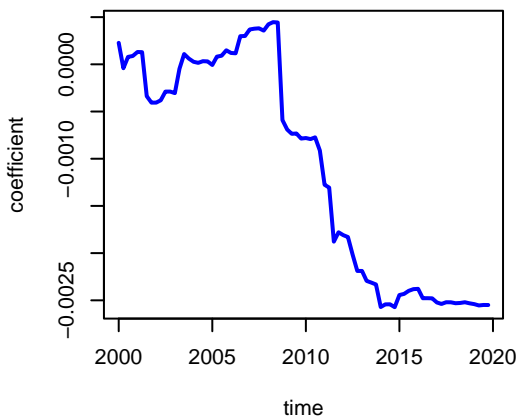
Unemployment Rate – 20 years and over, Men (Percent)



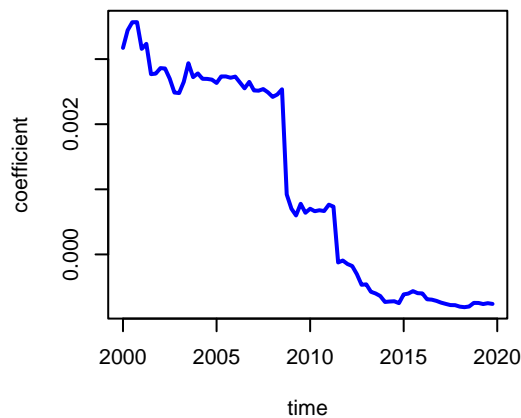
Unemployment Rate – 20 years and over, Women (Percent)



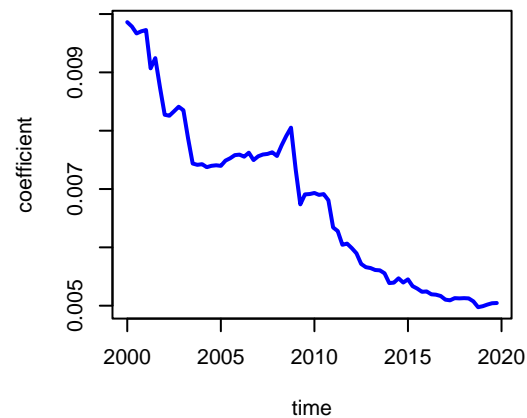
Real M1 Money Stock (Billions of 1982–84 Dollars), deflated by CPI



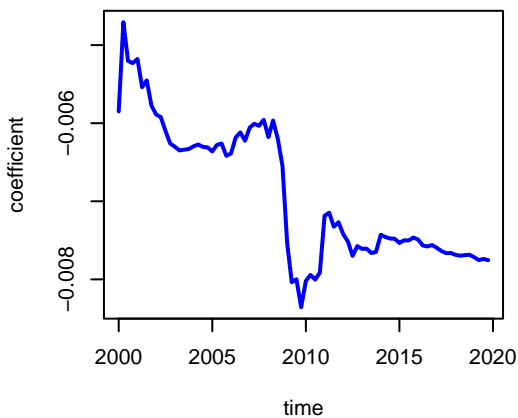
Real M2 Money Stock (Billions of 1982–84 Dollars), deflated by CPI



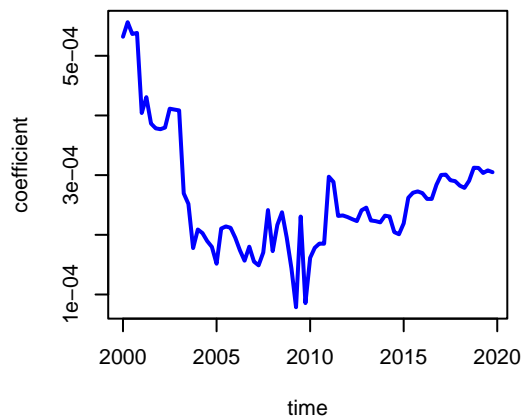
All Employees: Manufacturing (Thousands of Persons)



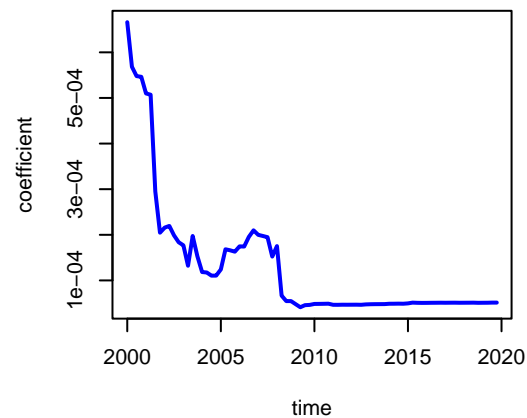
30-Year Conventional Mortgage Rate Relative to 10-Year Treasury Constant Maturity (Percent)



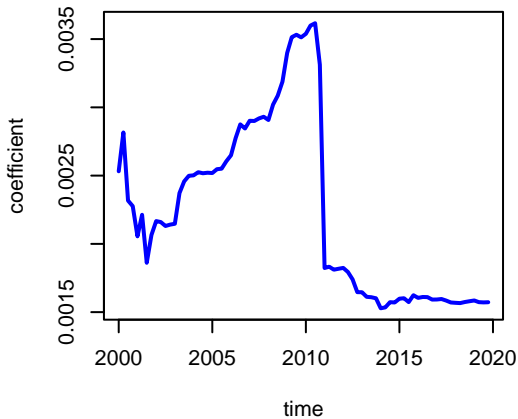
Real MZM Money Stock (Billions of 1982–84 Dollars), deflated by CPI



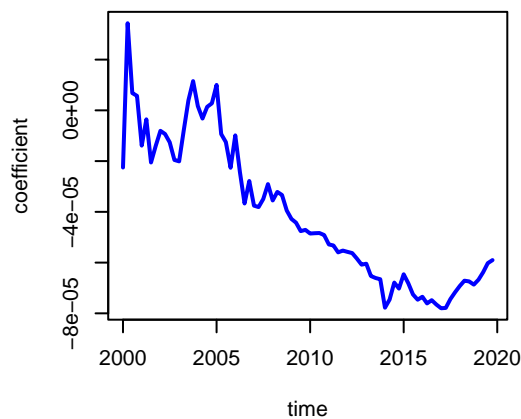
Reserves Of Depository Institutions, Nonborrowed (Millions of Dollars)



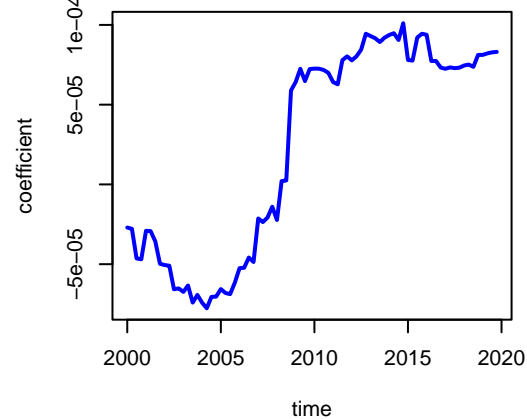
Total Real Nonrevolving Credit Owned and Securitized, Outstanding (Billions of 2012 Dollars), deflated by Core PCE



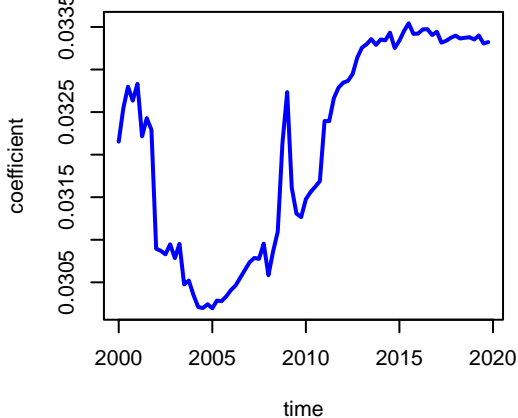
Net Worth of Households and Nonprofit Organizations Relative to Disposable Personal Income (Percent)



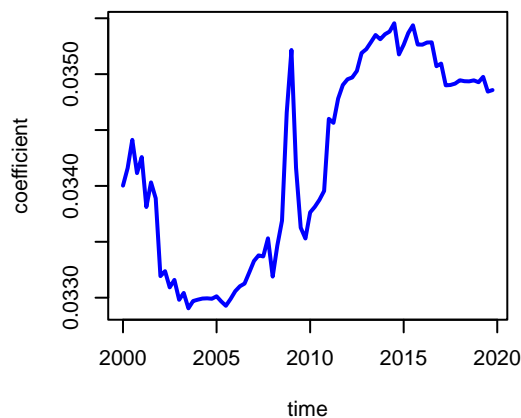
Real Crude Oil Prices: West Texas Intermediate (WTI) – Cushing, Oklahoma (2012 Dollars per Barrel), deflated by Core PCE



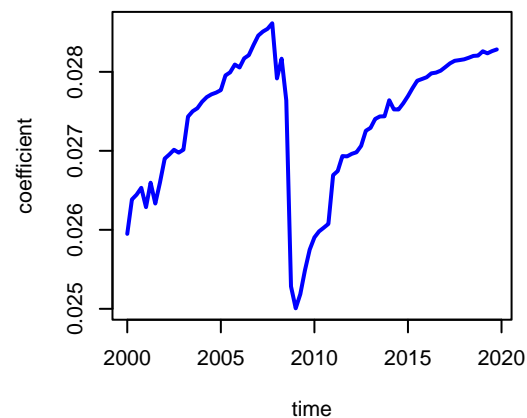
Nonfarm Business Sector: Real Output Per Hour of All Persons (Index 2012=100)



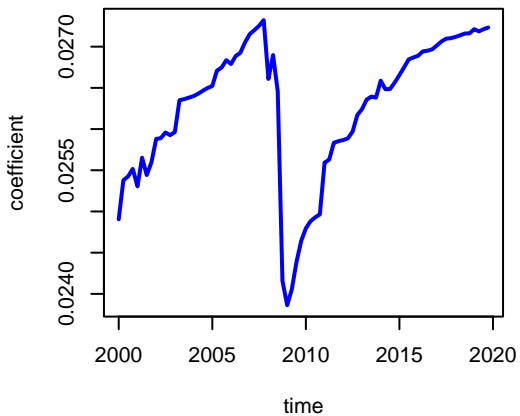
Business Sector: Real Output Per Hour of All Persons (Index 2012=100)



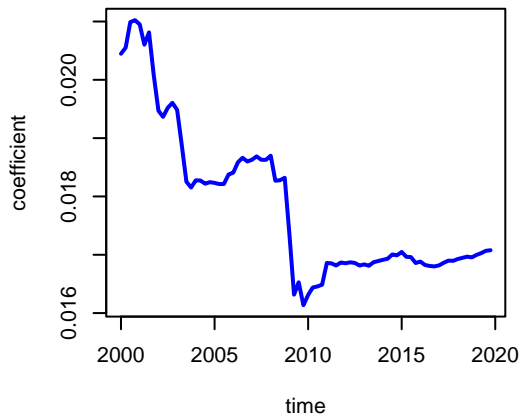
Business Sector: Real Output (Index 2012=100)



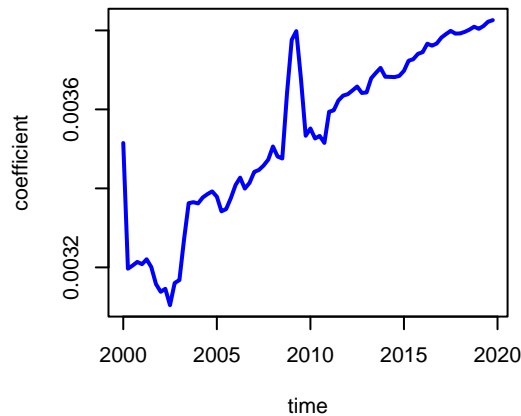
Nonfarm Business Sector: Real Output (Index 2012=100)



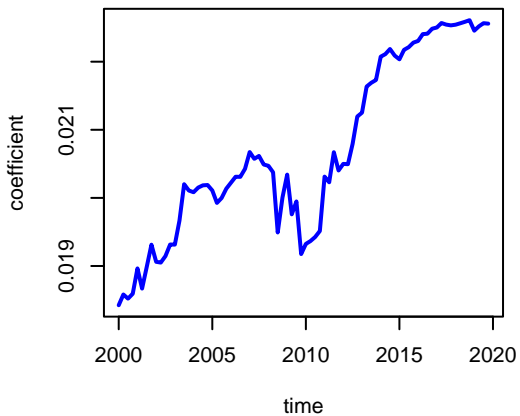
All Employees: Total nonfarm (Thousands of Persons)



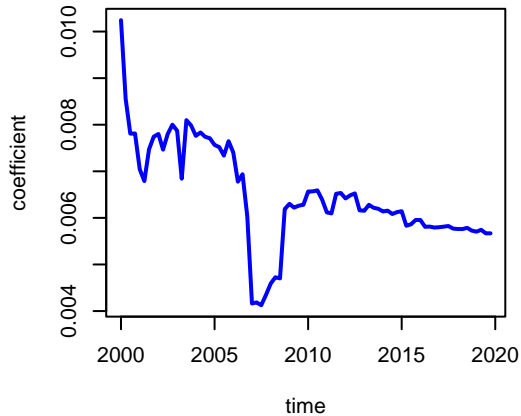
Real personal consumption expenditures: Durable goods (Billions of Chained 2012 Dollars), deflated using PCE



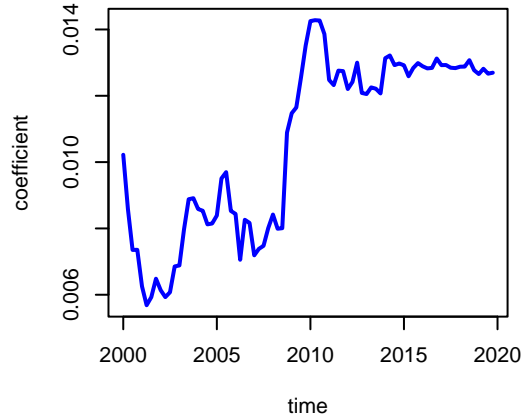
Real Personal Consumption Expenditures (Billions of Chained 2012 Dollars)



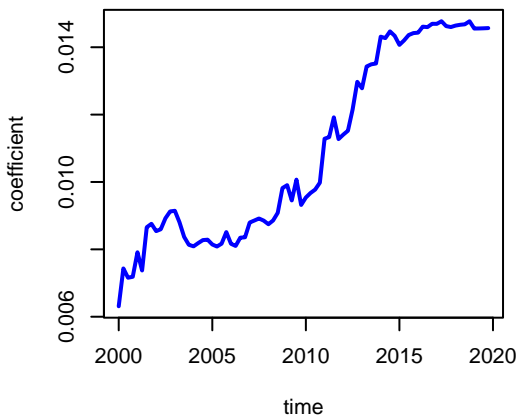
Personal Consumption Expenditures: Chain-type Price Index (Index 2012=100)



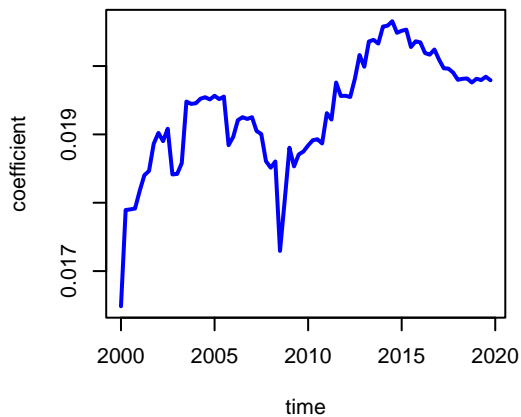
Personal Consumption Expenditures Excluding Food and Energy (Chain-Type Price Index) (Index 2012=100)



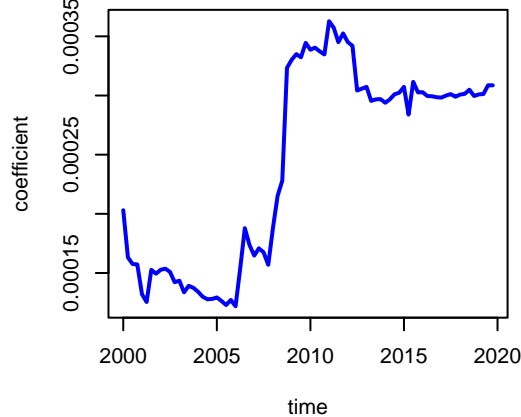
Real Personal Consumption Expenditures: Services (Billions of 2012 Dollars), deflated using PCE



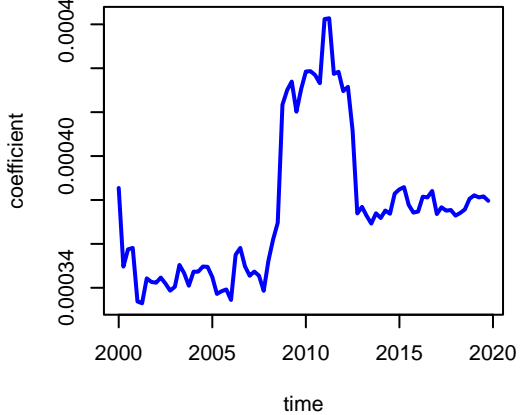
Real Personal Consumption Expenditures: Nondurable Goods (Billions of 2012 Dollars), deflated using PCE



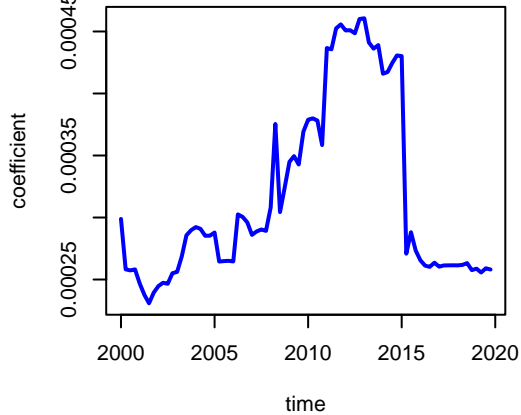
New Private Housing Units Authorized by Building Permits (Thousands of Units)



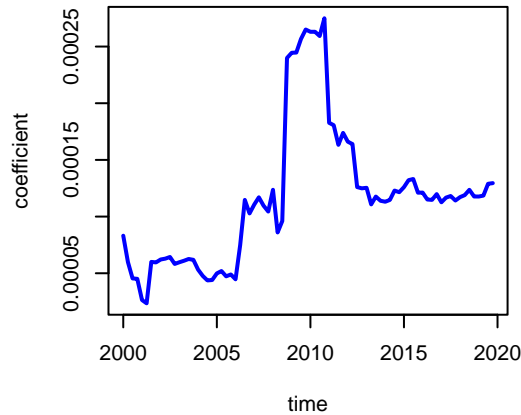
New Private Housing Units Authorized by Building Permits in the Midwest Census Region (Thousands, SAAR)

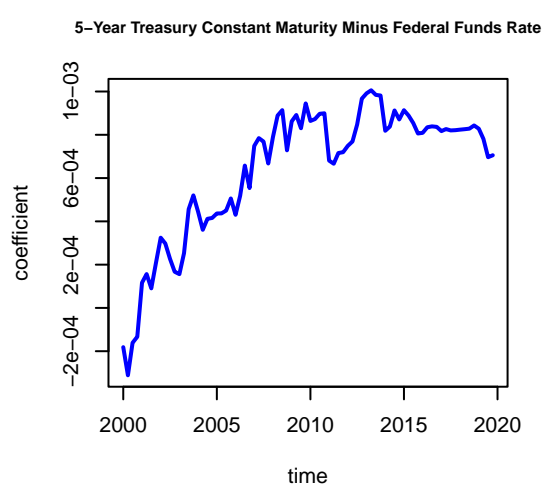
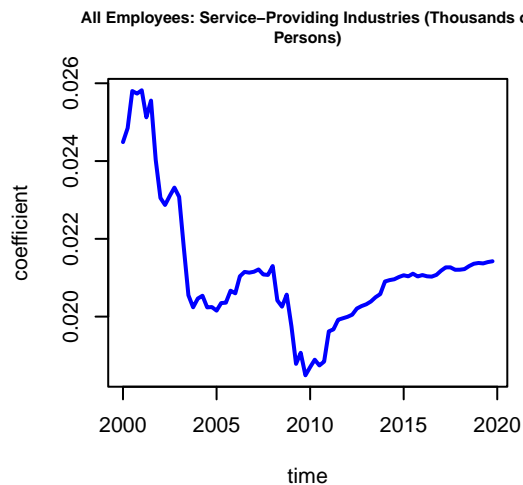
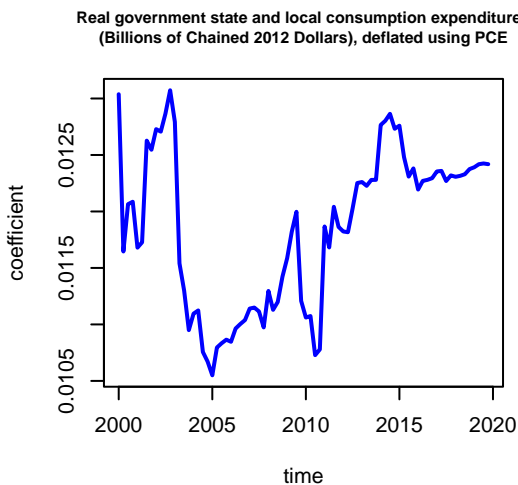
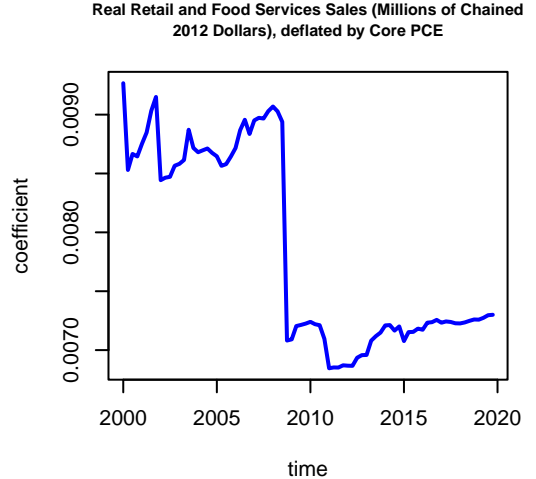
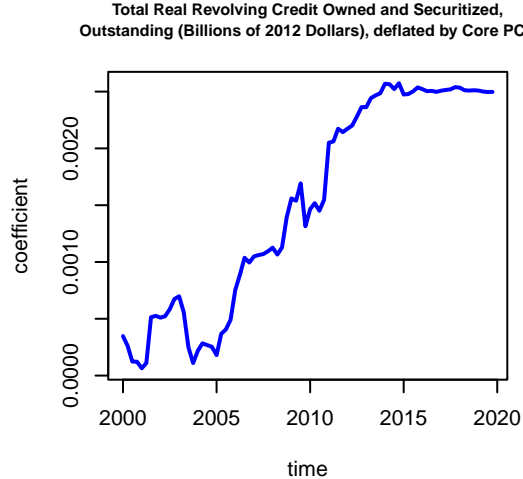
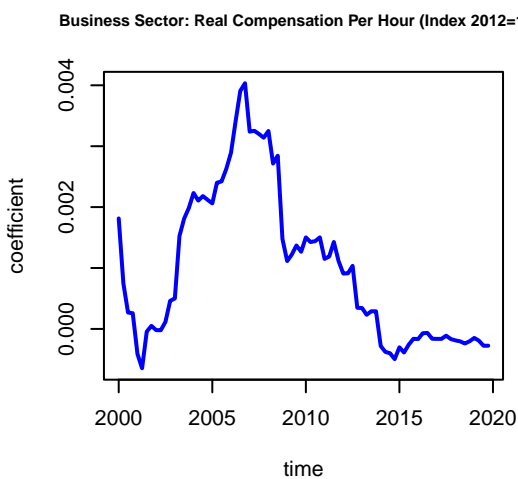
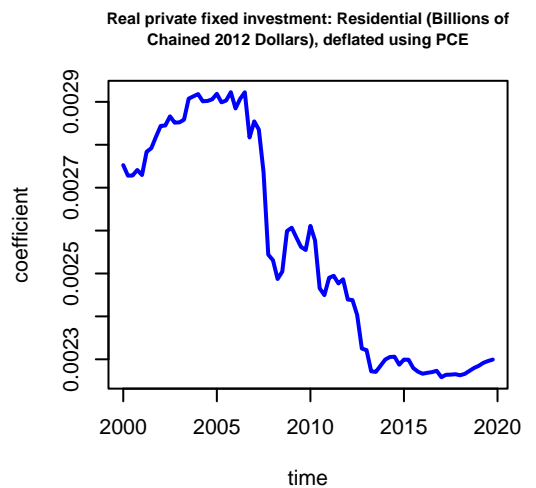
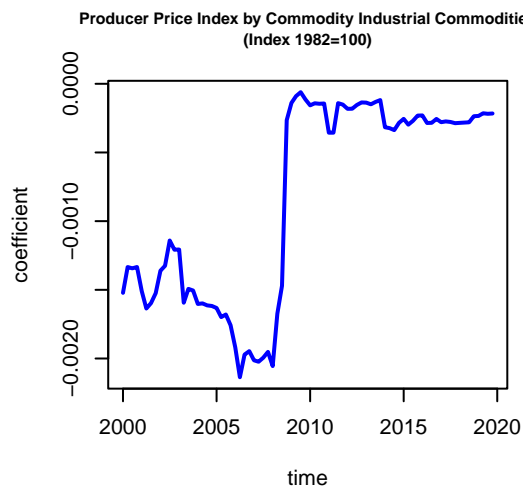
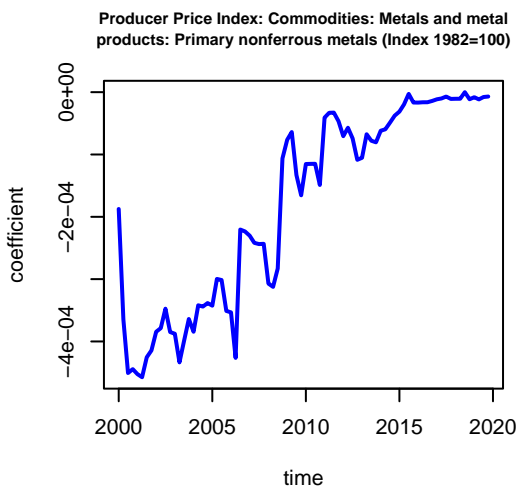
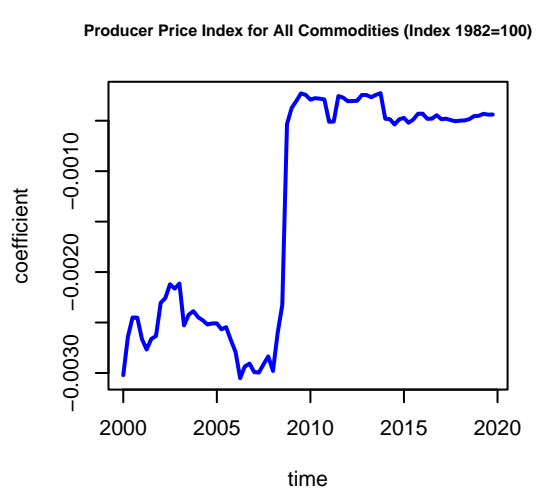
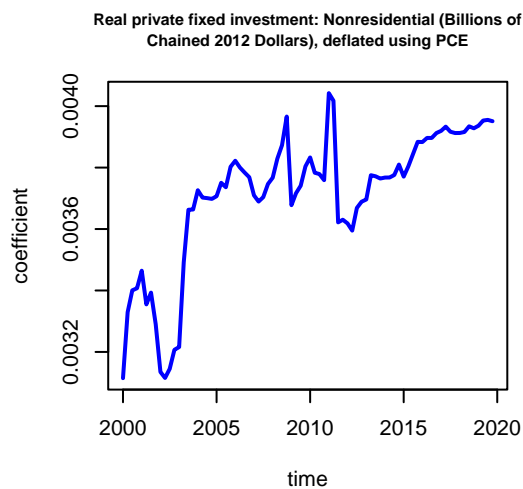
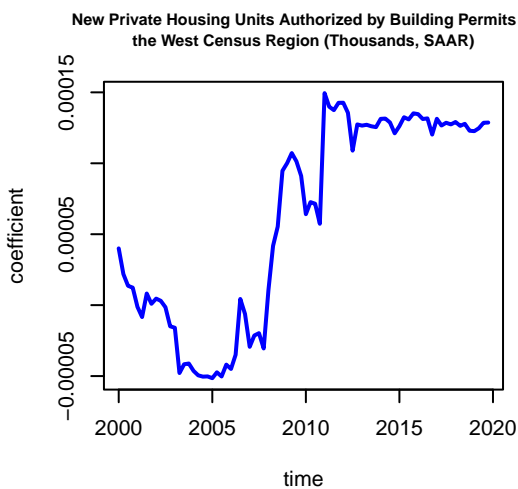


New Private Housing Units Authorized by Building Permits in the Northeast Census Region (Thousands, SAAR)

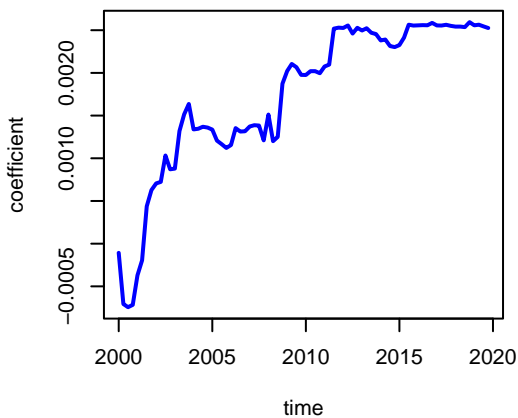


New Private Housing Units Authorized by Building Permits in the South Census Region (Thousands, SAAR)

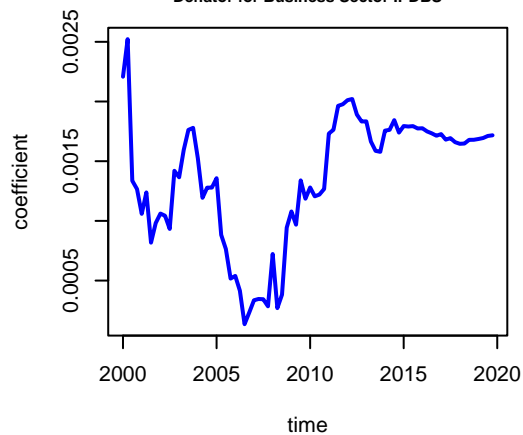




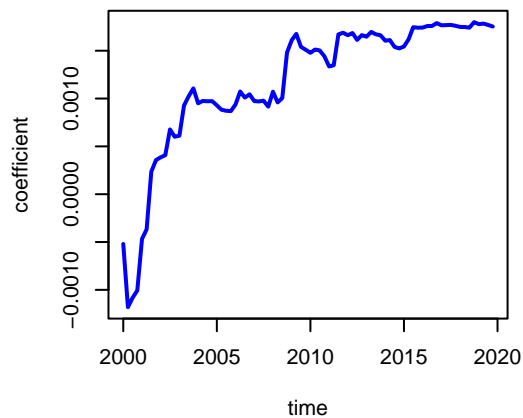
Real Total Assets of Households and Nonprofit Organizations (Billions of 2012 Dollars), deflated by Core PCE



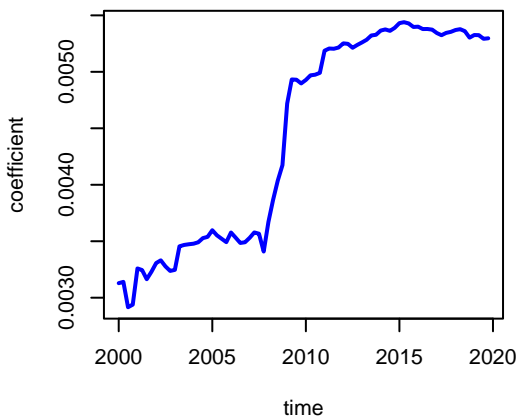
Real Nonfinancial Noncorporate Business Sector Assets (Billions of 2012 Dollars), Deflated by Implicit Price Deflator for Business Sector IPDBS



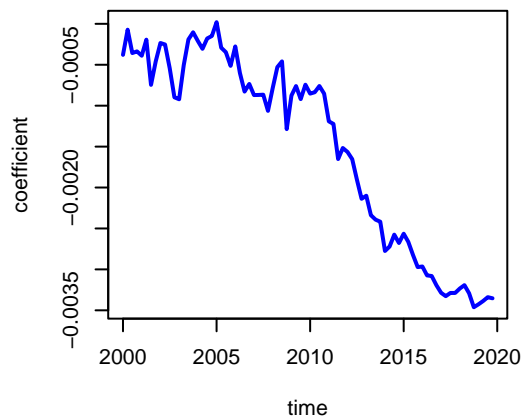
Real Assets of Households and Nonprofit Organizations excluding Real Estate Assets (Billions of 2012 Dollars), deflated by Core PCE



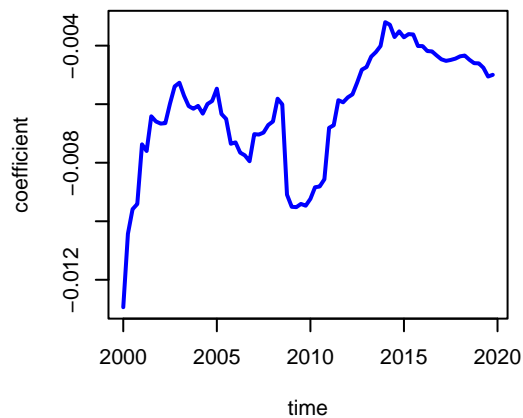
3-Month Treasury Bill: Secondary Market Rate (Percent)



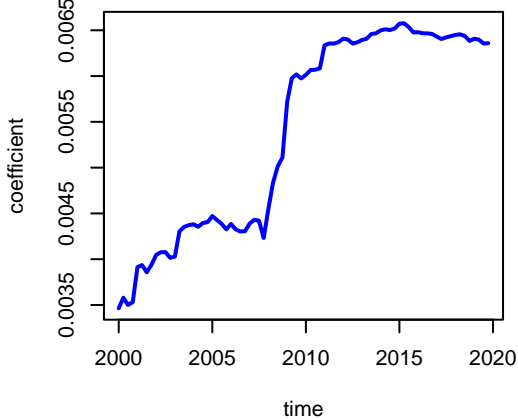
3-Month Treasury Constant Maturity Minus Federal Funds Rate



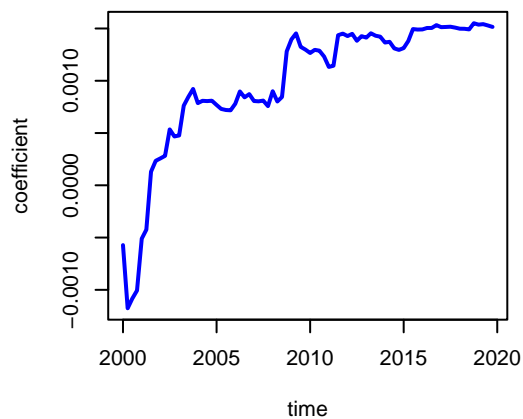
6-Month Treasury Bill Minus 3-Month Treasury Bill, secondary market (Percent)



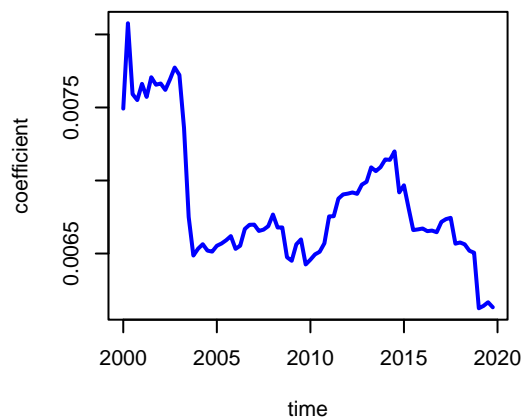
6-Month Treasury Bill: Secondary Market Rate (Percent)



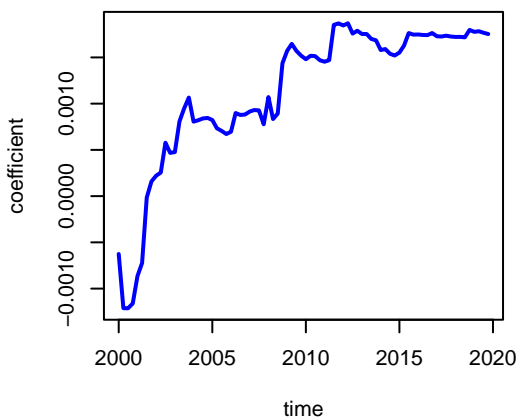
Real Total Financial Assets of Households and Nonprofit Organizations (Billions of 2012 Dollars), deflated by Core PCE



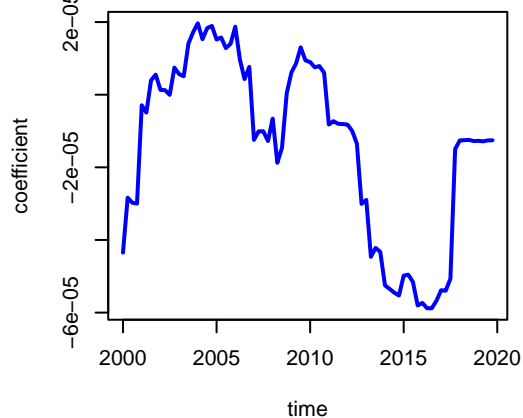
Real Nonfinancial Corporate Business Sector Liabilities (Billions of 2012 Dollars), Deflated by Implicit Price Deflator for Business Sector IPDBS



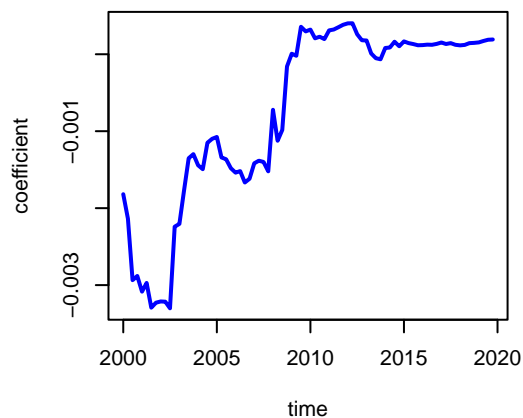
Real Net Worth of Households and Nonprofit Organizations (Billions of 2012 Dollars), deflated by Core PCE

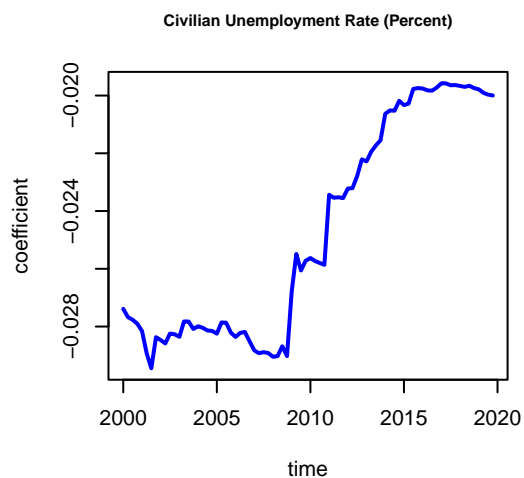
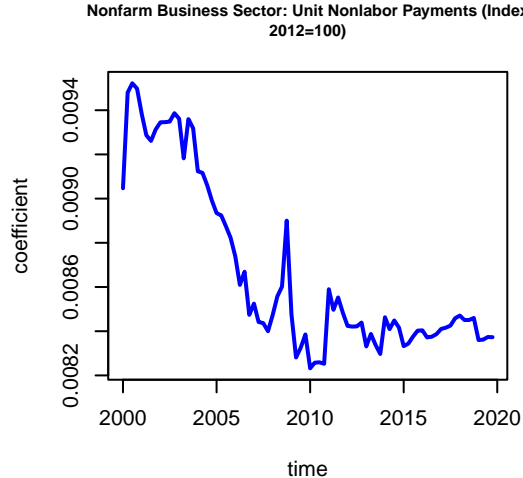
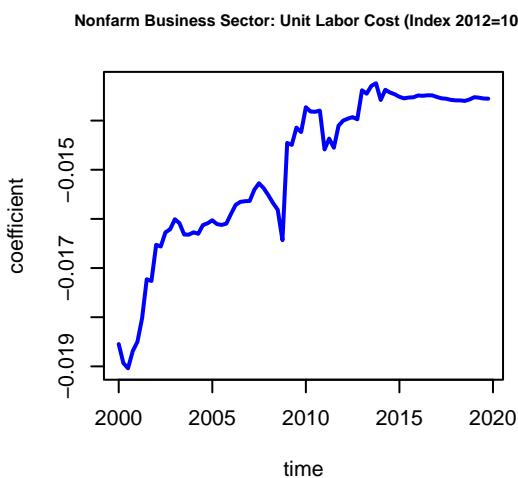
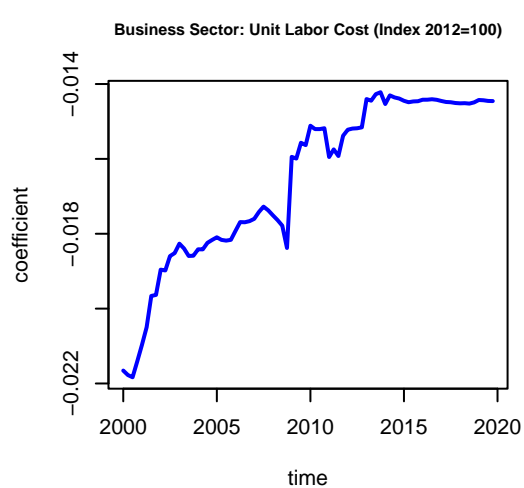
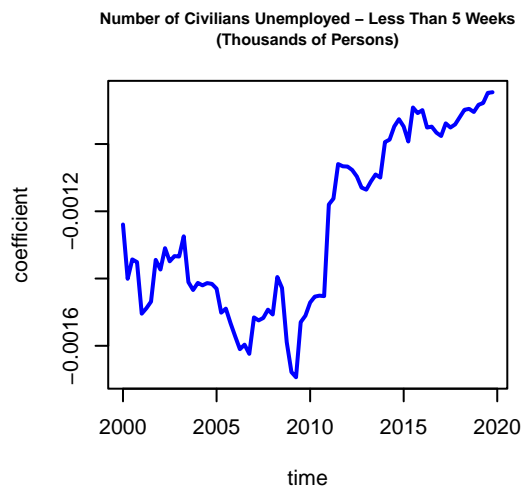
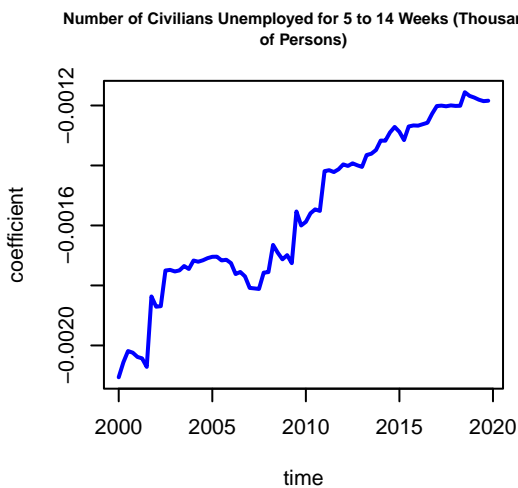
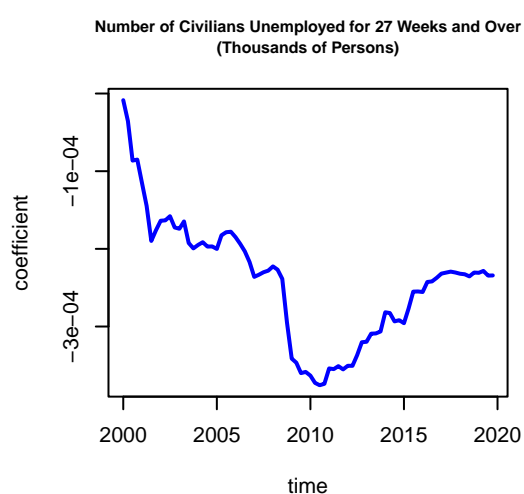
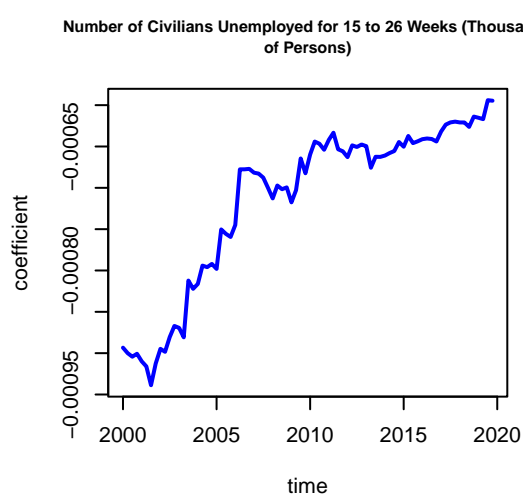
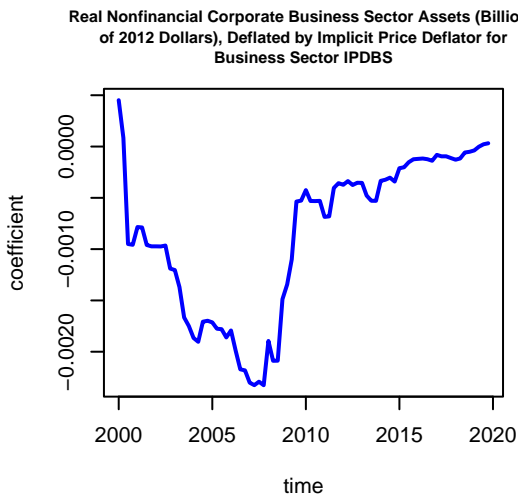
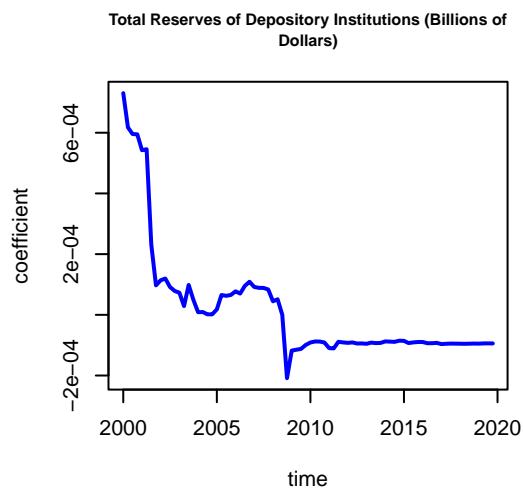
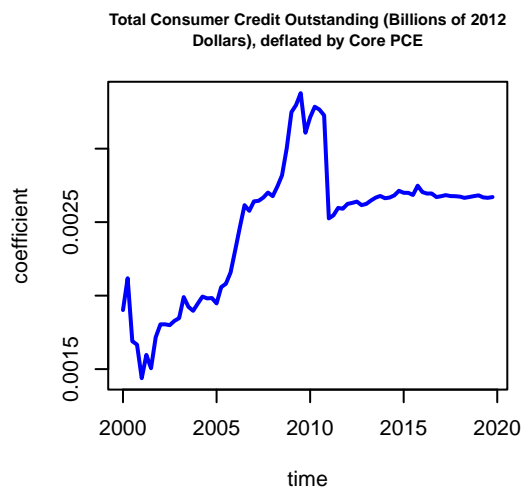
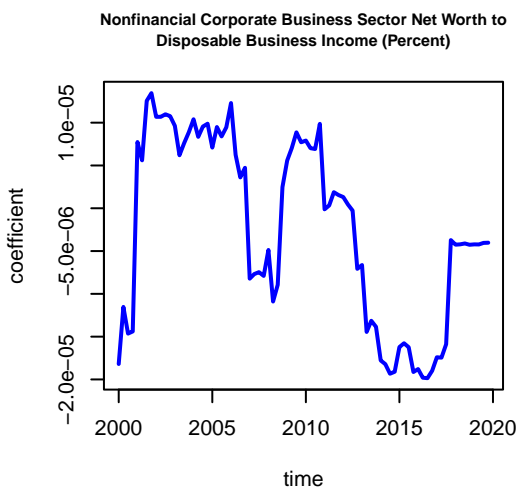


Nonfinancial Noncorporate Business Sector Net Worth to Disposable Business Income (Percent)

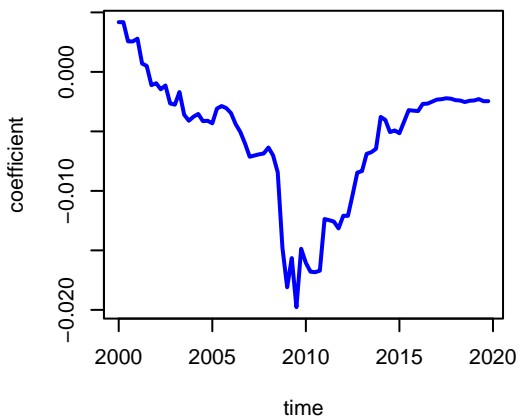


Real Nonfinancial Noncorporate Business Sector Net Worth (Billions of 2012 Dollars), Deflated by Implicit Price Deflator for Business Sector IPDBS

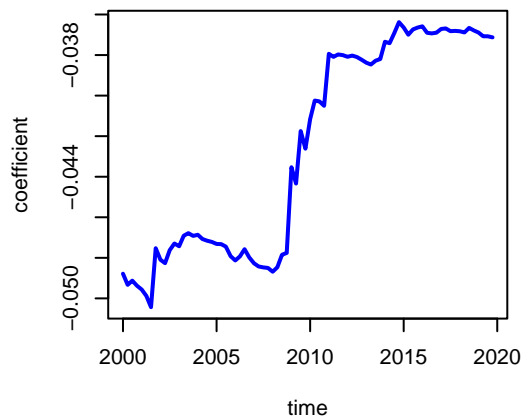




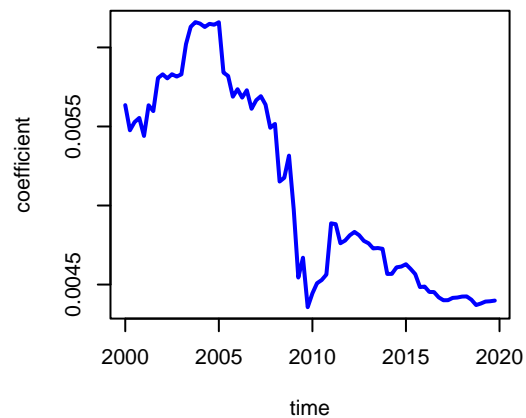
Unemployment Rate for more than 27 weeks (Percent)



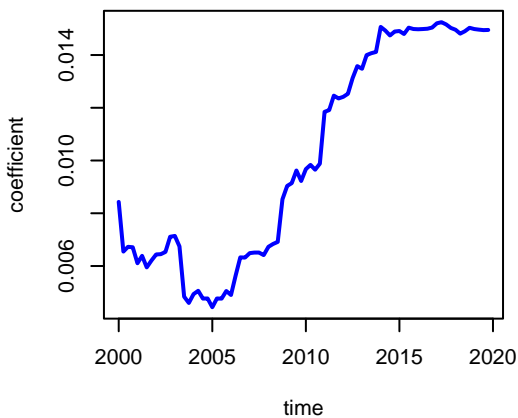
Unemployment Rate less than 27 weeks (Percent)



All Employees: Construction (Thousands of Persons)



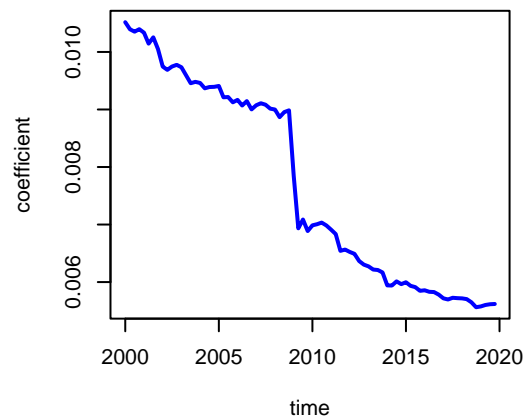
All Employees: Education & Health Services (Thousands of Persons)



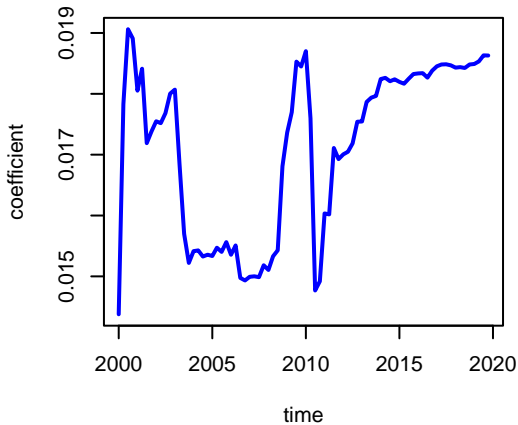
All Employees: Financial Activities (Thousands of Persons)



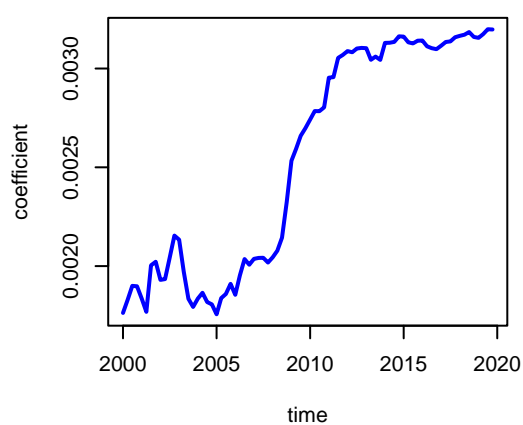
All Employees: Goods-Producing Industries (Thousands of Persons)



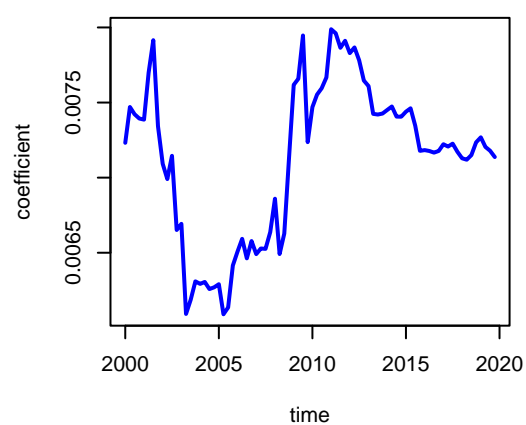
All Employees: Government (Thousands of Persons)



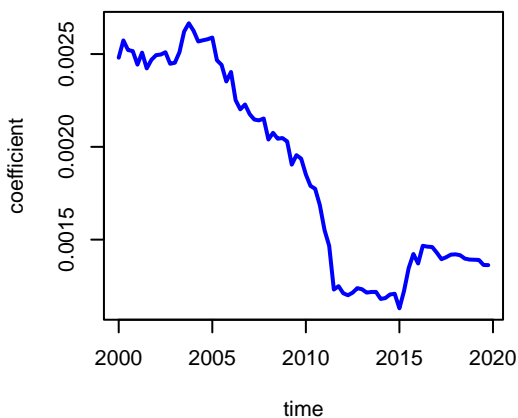
All Employees: Information Services (Thousands of Persons)



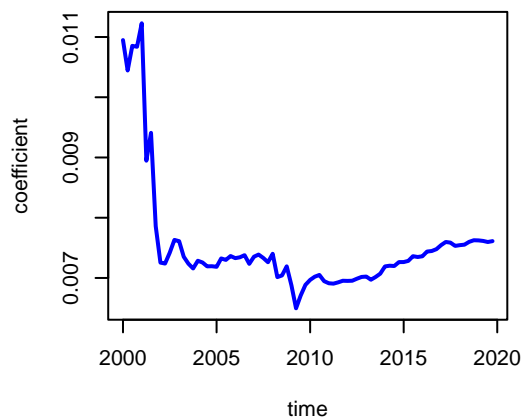
All Employees: Leisure & Hospitality (Thousands of Persons)



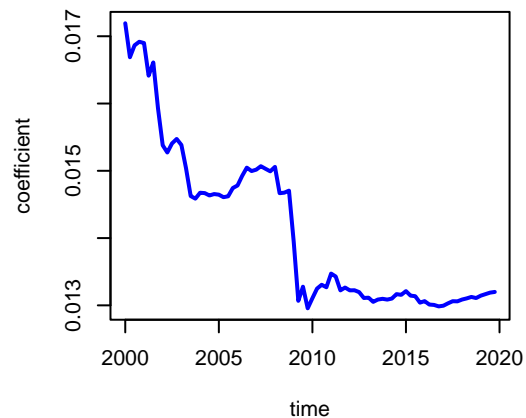
All Employees: Mining and logging (Thousands of Persons)



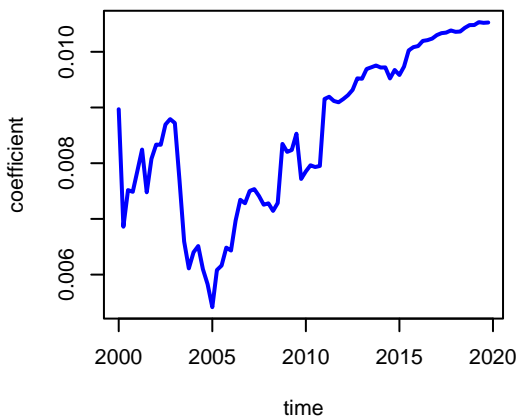
All Employees: Professional & Business Services (Thousands of Persons)



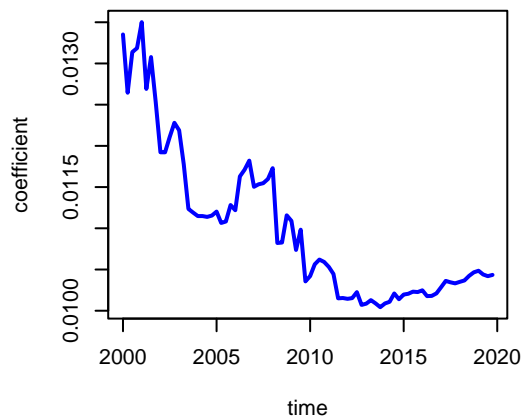
All Employees: Total Private Industries (Thousands of Persons)



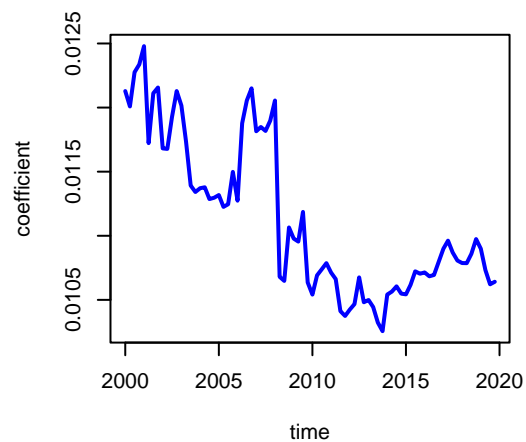
All Employees: Other Services (Thousands of Persons)



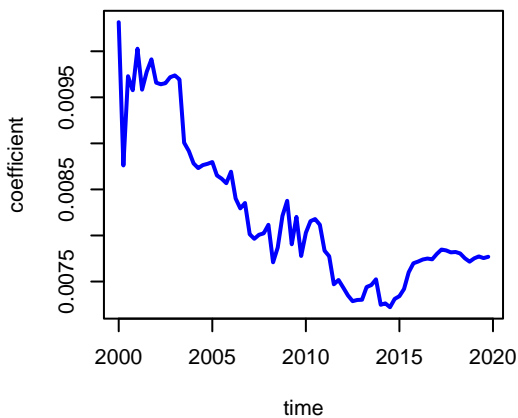
All Employees: Trade, Transportation & Utilities (Thousands of Persons)



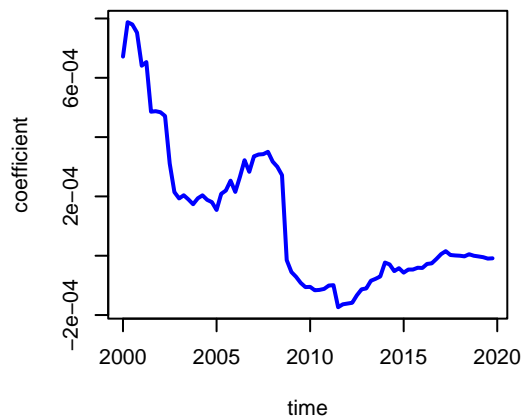
All Employees: Retail Trade (Thousands of Persons)



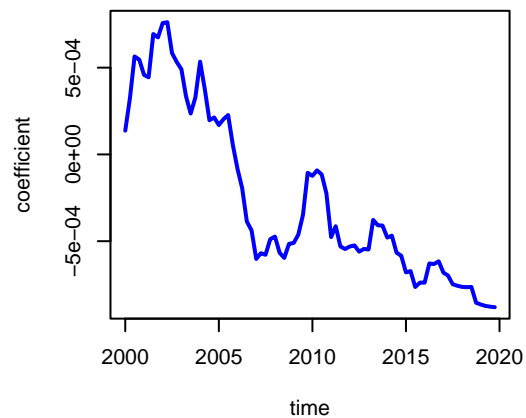
All Employees: Wholesale Trade (Thousands of Persons)



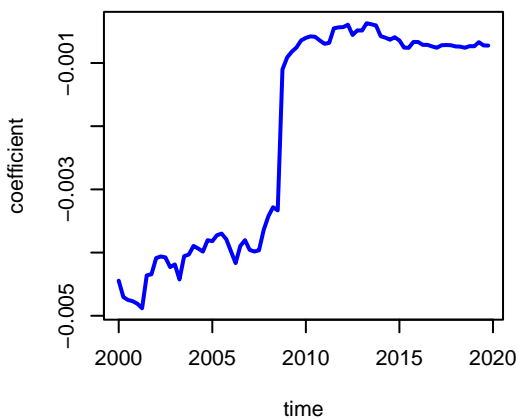
CBOE S&P 100 Volatility Index: VXO



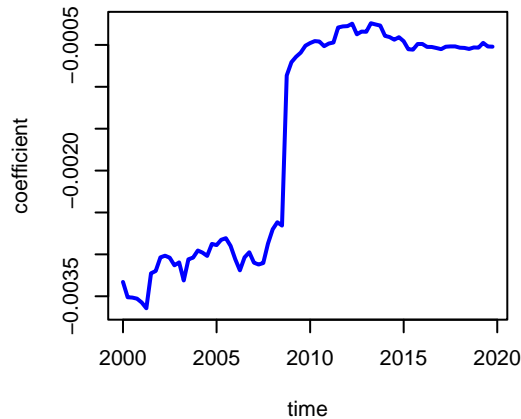
Producer Price Index by Commodity for Finished Consumer Foods (Index 1982=100)



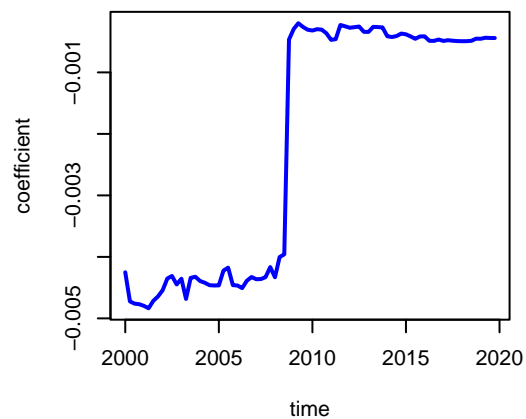
Producer Price Index by Commodity for Final Demand: Finished Goods (Index 1982=100)



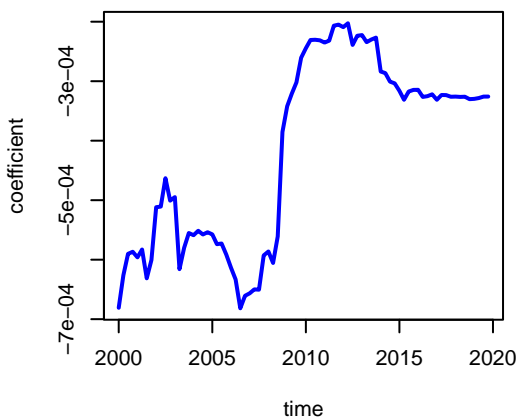
Producer Price Index by Commodity for Final Demand: Personal Consumption Goods (Finished Consumer Goods) (Index 1982=100)



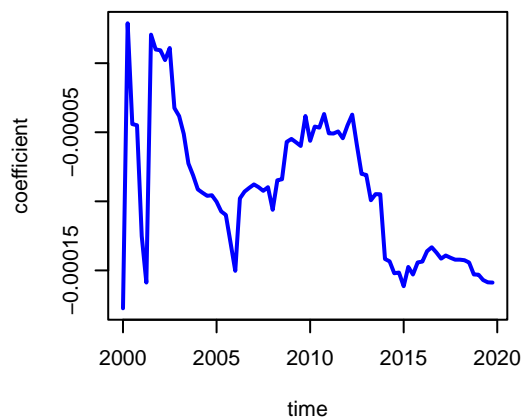
Producer Price Index by Commodity Intermediate Materials: Supplies & Components (Index 1982=100)



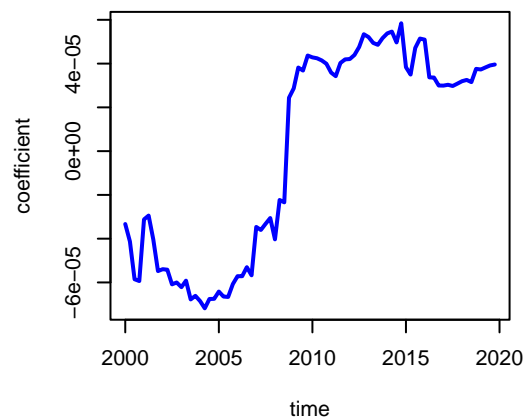
Producer Price Index: Crude Materials for Further Processing (Index 1982=100)



Producer Price Index by Commodity for Fuels and Related Products and Power: Natural Gas (Index 1982=100)



Producer Price Index by Commodity for Fuels and Related Products and Power: Crude Petroleum (Domestic Production) (Index 1982=100)



Real Gross Private Domestic Investment: Fixed Investment:
Nonresidential: Equipment (Billions of Chained 2012
Dollars), deflated using PCE

