

Macro Dashboard (Annualized FRED Series)

BKREA Automation

Table of contents

Overview	1
Coverage of Each Series	1
Correlation Matrix	1
OLS Regression: UNRATE ~ DGS10 + DPRIME	2
Coefficient Estimates	2
Model Fit Summary	2
Visualizations	3
Standardized (Z-Score) Comparison	3
All Series in Levels	4
Bonus: Lagged Relationship (1-Year Lead)	4

Overview

This report pulls six annualized FRED series from Google Sheets (populated by Make.com), runs exploratory analysis, and presents visuals and model summaries.

Coverage of Each Series

Correlation Matrix

Series Coverage

SeriesPretty	min_year	max_year	n
DGS10	1962	2025	64
DPRIME	1955	2025	71
PAYEMS	1939	2025	87
PCETRIM12M159SFRBDAL	1978	2025	48
UMCSENT	1952	2025	74
UNRATE	1948	2025	78

Pairwise Correlations (annual, pairwise.complete.obs)

	DGS10	DPRIME	PCETRIM12M159SFRBDAL	UMCSENT	PAYEMS
DGS10	1.00	0.90	0.75	-0.10	-0.10
DPRIME	0.90	1.00	0.83	-0.20	-0.20
PCETRIM12M159SFRBDAL	0.75	0.83	1.00	-0.44	-0.44
UMCSENT	-0.10	-0.20	-0.44	1.00	1.00
PAYEMS	-0.51	-0.11	-0.66	-0.18	1.00
UNRATE	0.32	0.14	0.14	-0.41	-0.41

OLS Regression: UNRATE ~ DGS10 + DPRIME

Coefficient Estimates

Model Fit Summary

Coefficient Estimates

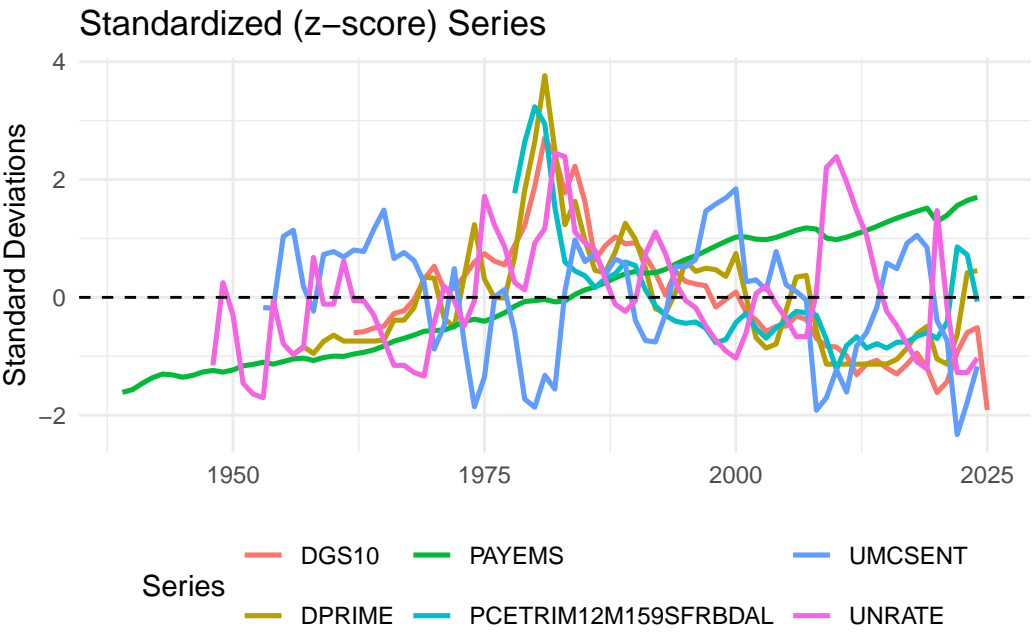
term	estimate	std.error	statistic	p.value
(Intercept)	5.4075	0.4499	12.0184	0.0000
DGS10	0.5949	0.1446	4.1139	0.0001
DPRIME	-0.4217	0.1320	-3.1956	0.0022

Model Fit (R^2 , Adj. R^2 , AIC, BIC, etc.)

r.squared	adj.r.squared	sigma	statistic	p.value	df	logLik	AIC	BIC	devian
0.2333	0.2077	1.4654	9.1270	0.0003	2.0000	-111.9317	231.8634	240.4359	128.84

Visualizations

Standardized (Z-Score) Comparison

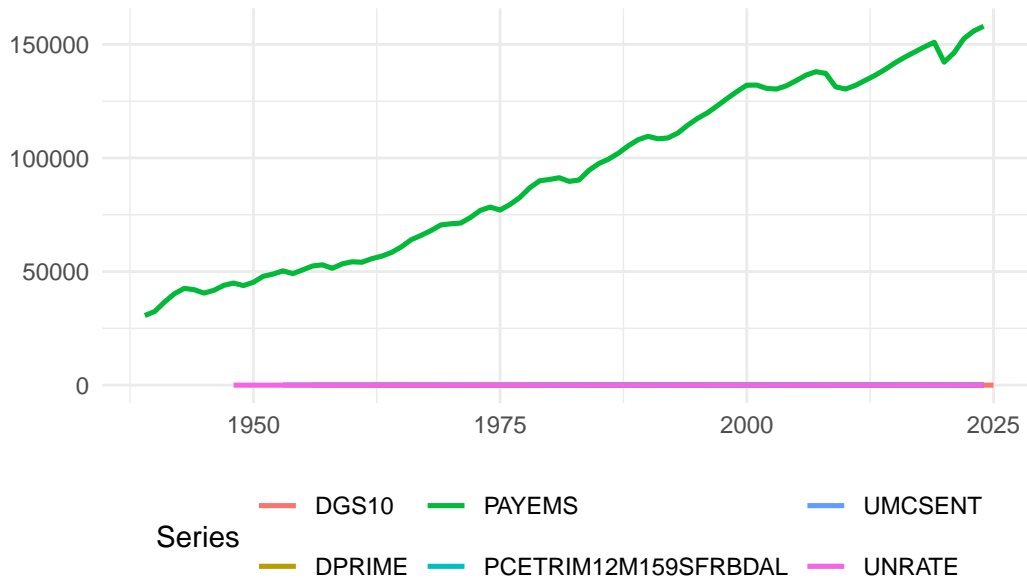


Lagged Regression (UNRATE ~ DGS10_lag1)

term	estimate	std.error	statistic	p.value
(Intercept)	4.5247	0.4324	10.4653	0.0000
DGS10_lag1	0.2328	0.0658	3.5353	0.0008

All Series in Levels

Annualized Macro Series (FRED)



Bonus: Lagged Relationship (1-Year Lead)