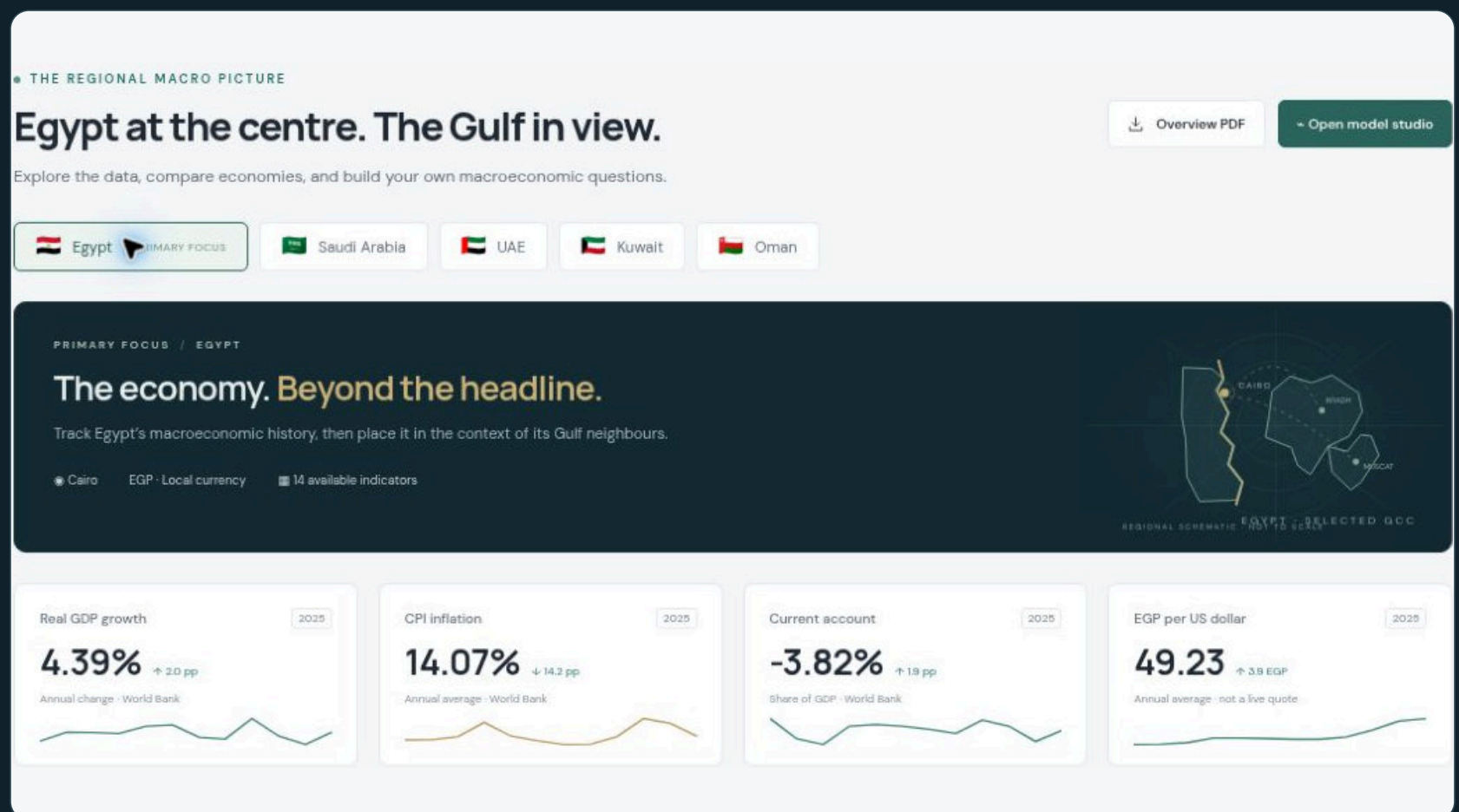


AN EGYPT-FIRST MACROECONOMIC WORKSPACE

Egypt at the centre. The Gulf in view.

Explore official data. Compare economies.
Inspect the assumptions behind a result.



5

economies

14

annual WDI indicators

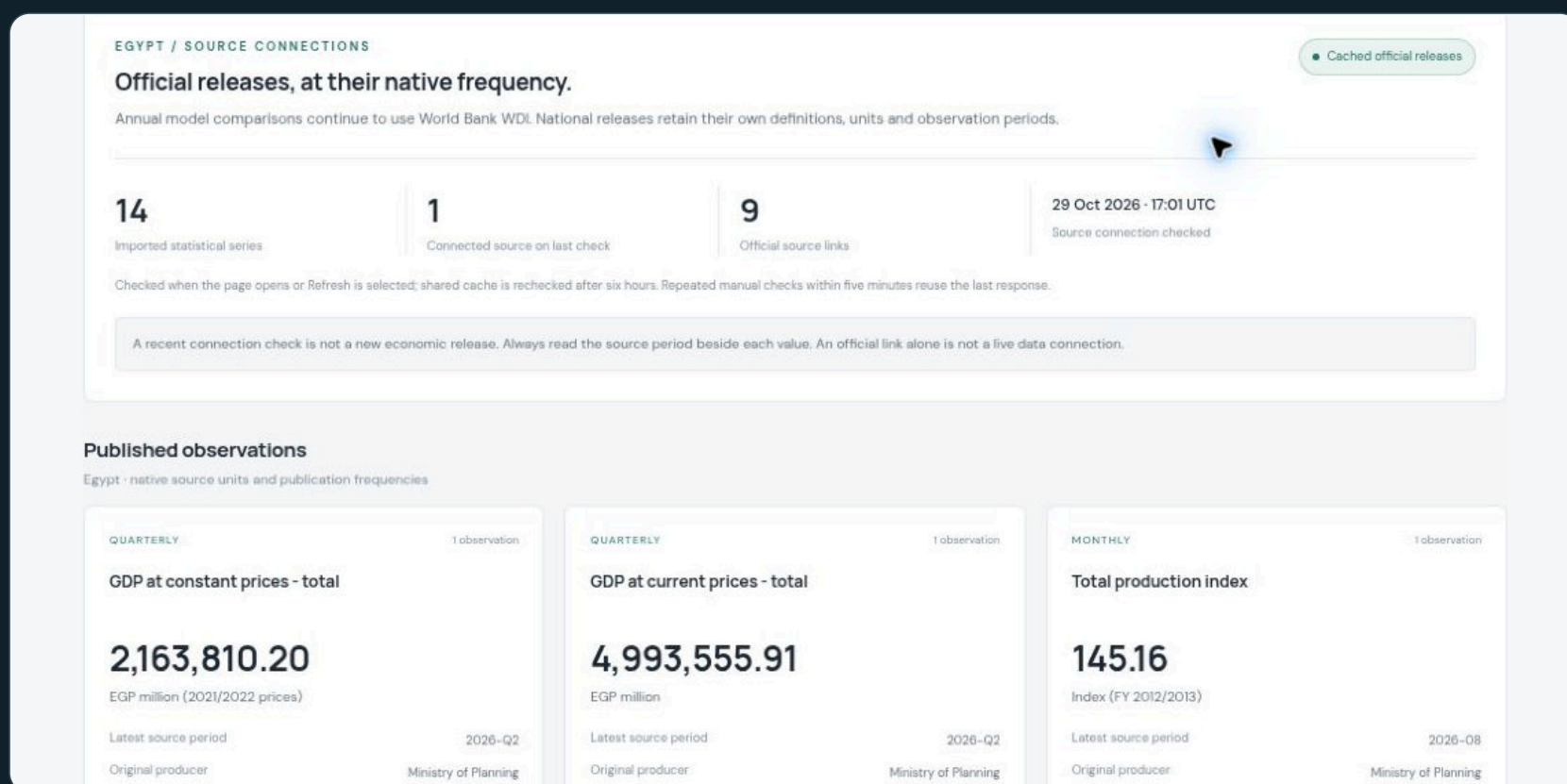
7

analysis methods

GO TO THE RELEASE

Check the source. Then check the status.

National releases and the historical WDI workspace,
with their dates and connection state in view.



14

verified Egypt NSDP series

6h

shared API cache

Visible

per-source status and dates

Egypt's NSDP feed returned 14 verified latest-period series. Access varies: some CBE, UAE and Oman endpoints remain unavailable. Source status and observation dates stay visible.

Official source links and per-series attribution: open the website's Official data hub.

DATA EXPLORER

Every series. Every missing year.

Find a variable, inspect its coverage,
and carry the definition into the analysis.

Find an indicator	Indicator group		Coverage		
Search inflation, GDP, exchange rate...	All groups		All coverage		Reset filters
Indicator / source units	Egypt	Saudi Arabia	UAE	Kuwait	Oman
Real GDP growth % annual	2000–25	2000–25	2000–24	2000–25	2000–25
Consumer price inflation % annual	2000–25	2000–25	2008–25	2000–25	2001–25
Unemployment % of labour force	2000–25	2000–25	2000–25	2000–25	2000–25
Current account balance % of GDP	2000–25	2000–25	2023–24	2000–25	2000–25
Nominal GDP current US\$	2000–25	2000–25	2000–24	2000–25	2000–25
Official exchange rate LCU per US\$	2000–25	2000–25	2000–25	2000–25	2000–25
Total reserves current US\$	2000–25	2000–25	2000–25	2000–25	2000–24
FDI net inflows % of GDP	2000–25	2000–25	2000–24	2000–25	2000–25

The annual WDI workspace covers 14 indicators from 2000 to the latest reported year. Each country and series keeps its own observation dates.

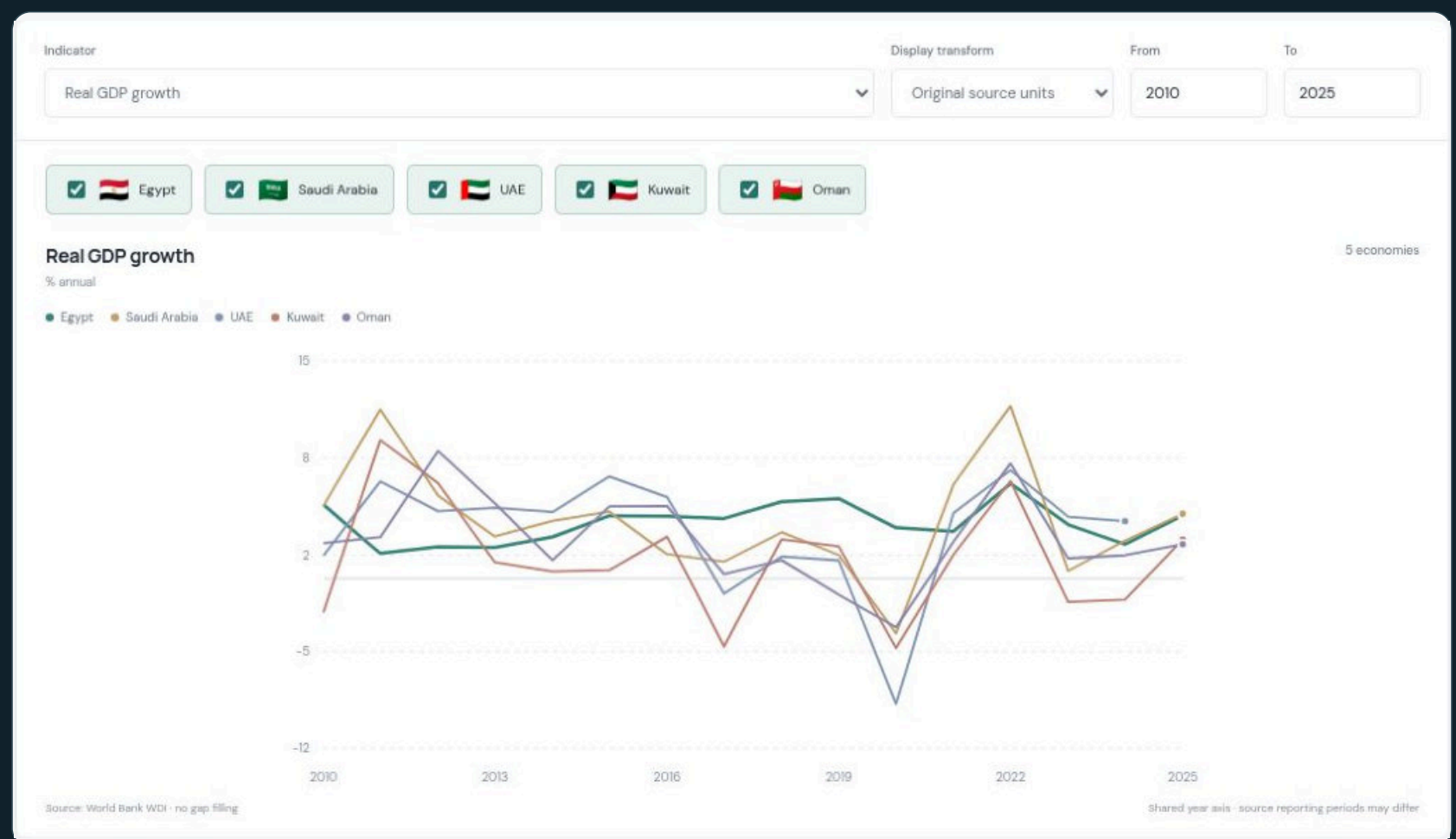
No interpolation. No substitution from another country. A missing year stays missing.

World Bank, World Development Indicators - data.worldbank.org

COMPARE ECONOMIES

One region. Different economic cycles.

Egypt, Saudi Arabia, the UAE, Kuwait and Oman.
Compare one indicator on a shared year axis.



Choose the countries, transformation and period. The comparison table finds a common observation year for the selected economies.

Definitions still matter: Egypt's fiscal-year reporting can differ from calendar-year Gulf data.

Source: World Bank WDI. Observation years remain visible in the app.

EXPLORE A RELATIONSHIP

The pound and inflation. An association to inspect.

Egypt | Annual CPI inflation and the annual change in the official exchange rate, local currency per US dollar.



25

complete annual pairs

0.283

estimated slope

0.562

in-sample R-squared

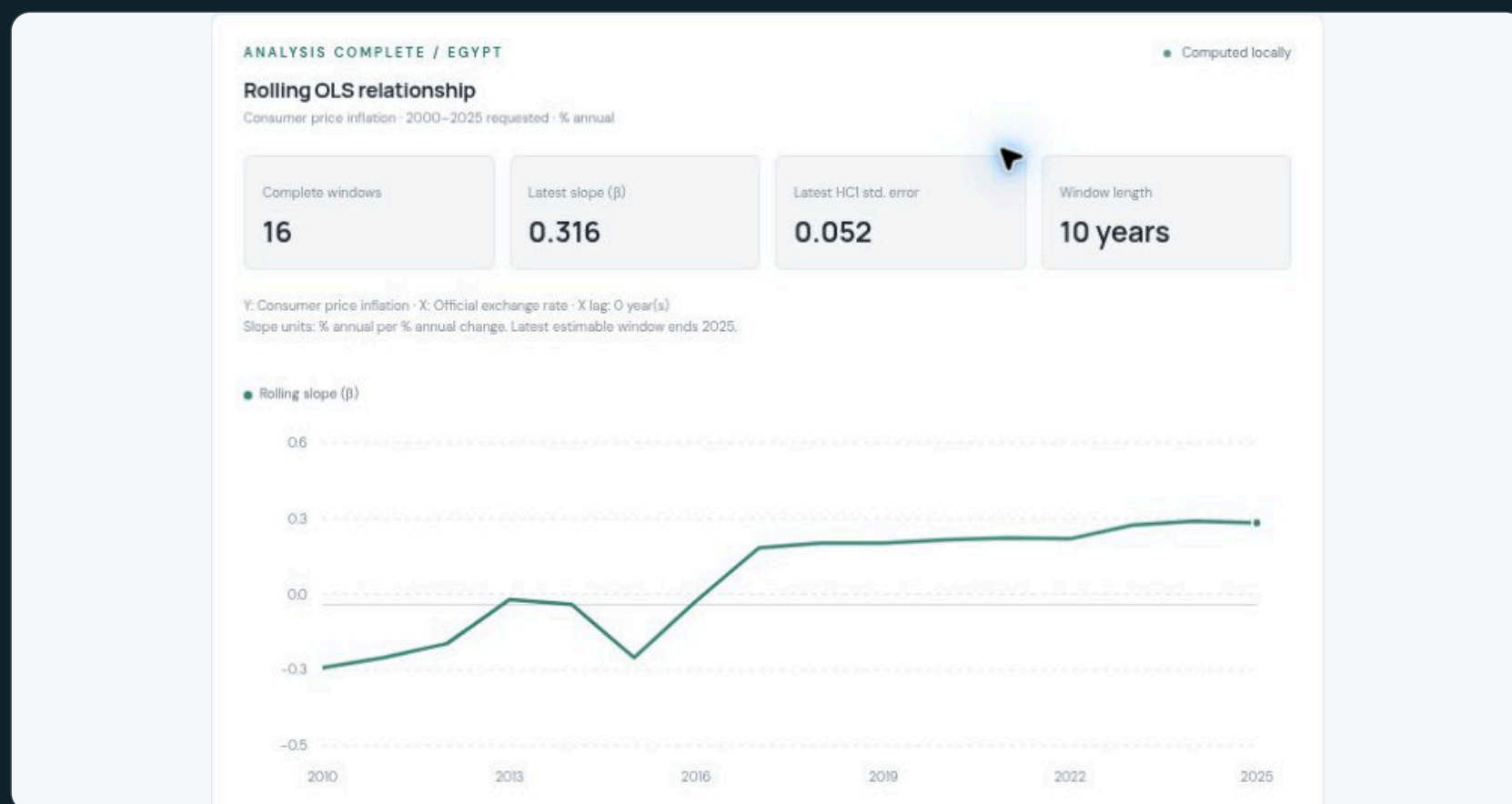
2001-2025. OLS with an intercept and HC1 standard errors. HC1 does not correct serial correlation. The fitted relationship is not a causal effect.

World Bank WDI - annual average CPI and official exchange-rate data.

INSPECT THE SPECIFICATION

Does the relationship stay stable?

Refit a rolling regression. Inspect a unit-root test.
Keep the window, sample and assumptions visible.



Rolling OLS refits the relationship across complete annual windows. Coefficients can move as the estimation sample changes.

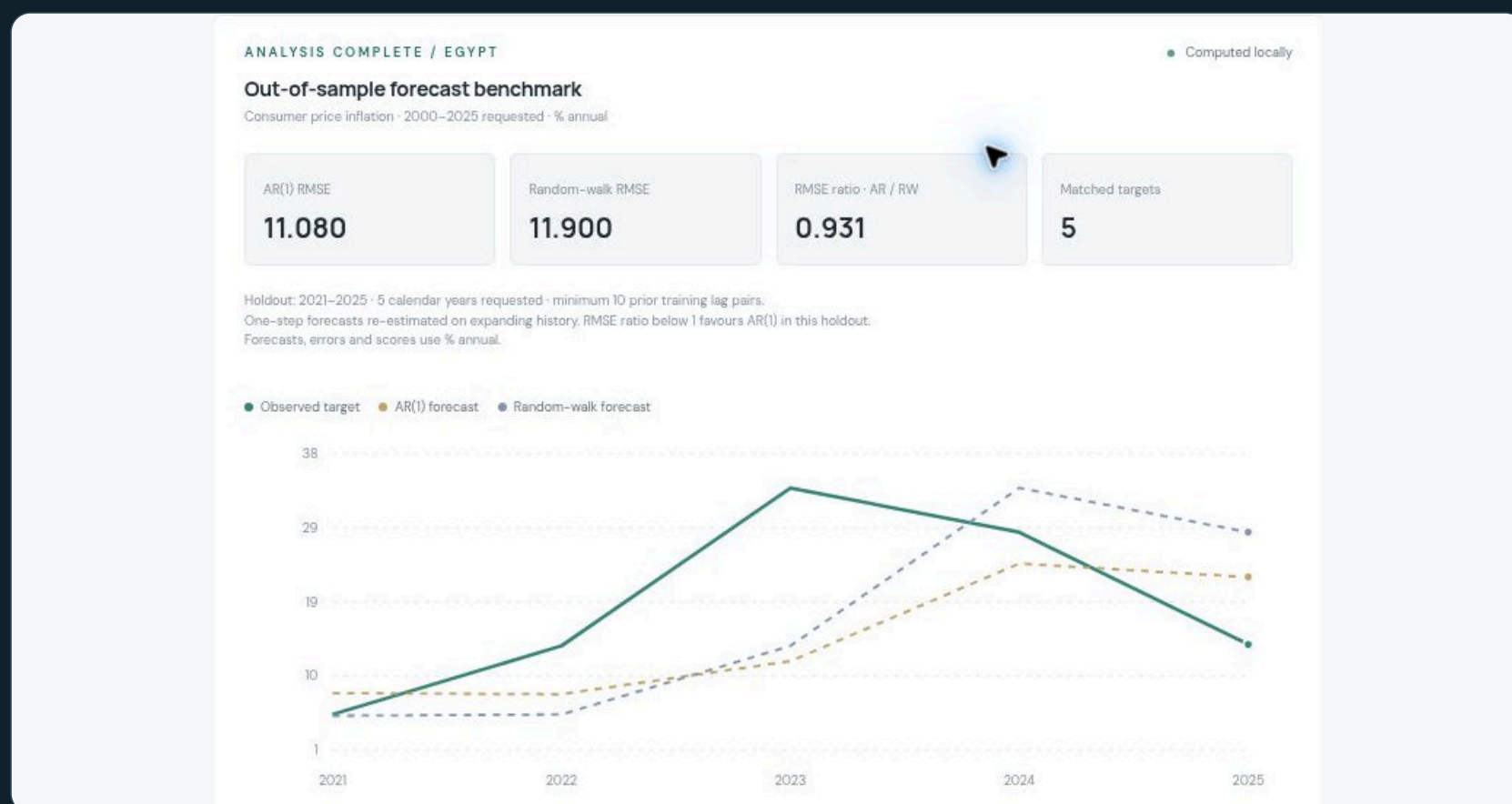
The ADF option uses a constant and a fixed lag choice from 0 to 2, with at least 20 usable observations. Short samples and structural breaks limit what the test can establish.

Method reference: statsmodels.org - Augmented Dickey-Fuller test (adfuller).

EVALUATE A FORECAST BENCHMARK

A forecast should face a benchmark.

Compare expanding-window AR(1) forecasts with a random walk on the same holdout observations.



Compare RMSE and MAE alongside the number of matched forecasts. Each model fit stops at its forecast origin; later observations do not enter that fit.

This is historical evaluation with final-vintage annual data. It is not a real-time backtest or a promise of future accuracy.

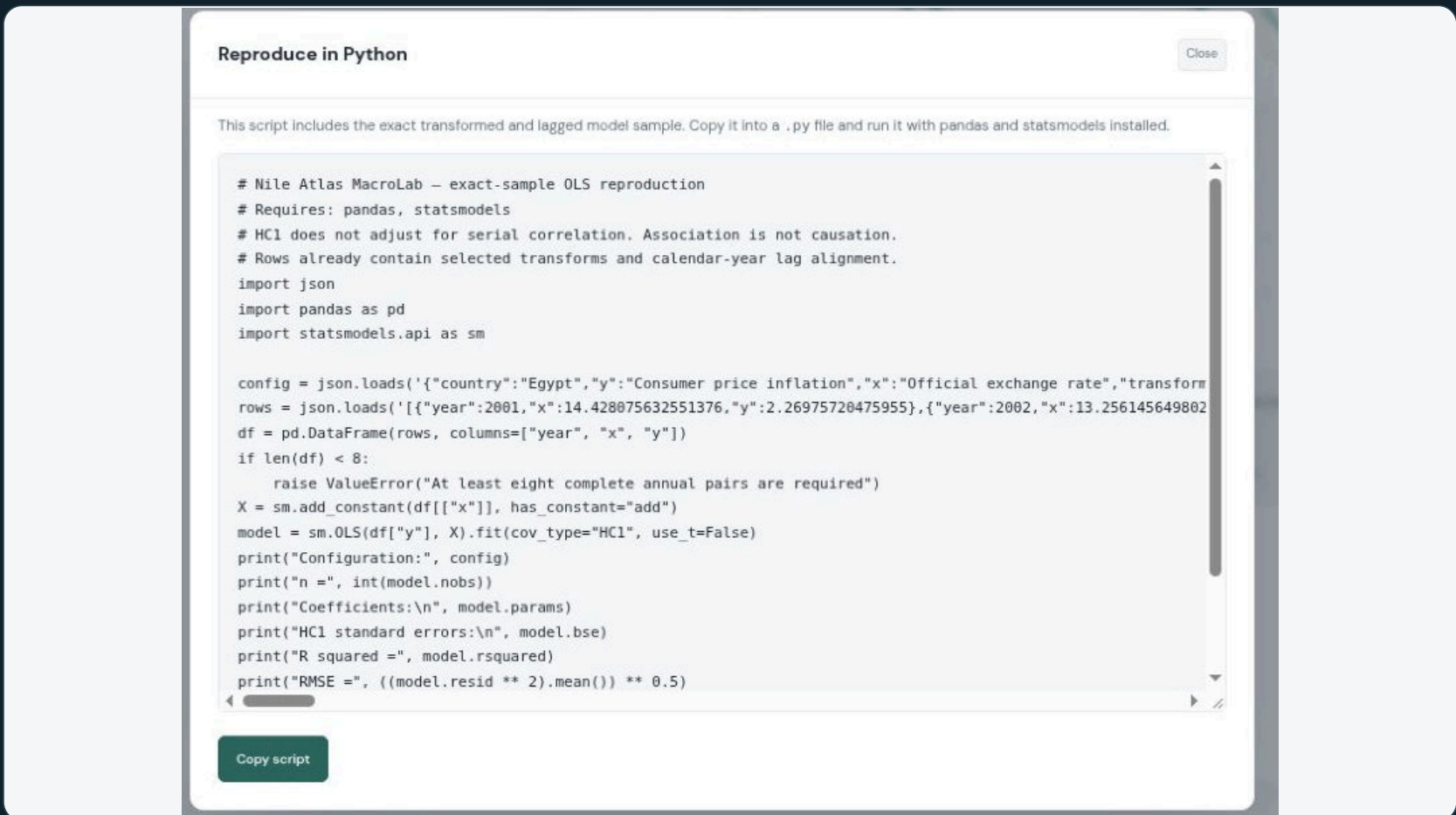
Data: World Bank WDI. Models and evaluation settings are disclosed in the app.

TAKE THE RESULT WITH YOU

Export the result. Keep the context.

CSV for data. PNG for charts.

Exact-sample Python reproduction for OLS.



The OLS script contains the selected transformations, lag alignment and complete estimation rows. Copy it into Python with pandas and statsmodels installed.

Chart PNGs include titles, sources and creator attribution. Source units, sample dates and method notes stay attached. Saved setups remain in your browser.

YOUR TURN

Open the lab. Bring a question.

A dedicated macroeconomic research workspace
for Egypt and selected Gulf economies.

Created and curated by

Mina Lawendy

Public access

No coding required for the website.



SCAN TO OPEN THE APP

OPEN NILE ATLAS MACROLAB

nile-atlas-macro-lab.mina-lawendy19.chatgpt.site

Data attribution: World Bank, World Development Indicators, plus the national official sources identified in the app. Provider and publication terms apply.

data.worldbank.org | Source dates and availability are shown per series.

Inspired by MacroLab by Hakan Zeki Gülmez. This regional website is independently implemented; it does not claim the original project's full method library.

Reference: hakangulmez.github.io/macrolab