

Geopolitics

BBVA Research Big Data Geopolitics Monitor

Big Data Unit

Trump–Zelensky Talks Fail to Deliver Peace Deal at Mar-a-Lago. China Launches Large-Scale Military Drills Around Taiwan. The World Economic Policy Uncertainty relax at the end of the year

Trump–Zelenskyy Talks Fail to Deliver Breakthrough on Ukraine Peace Deal: U.S. and Ukrainian President met at Mar-a-Lago to advance a 20-point peace plan to end the war in Ukraine, but talks ended without a breakthrough. While both leaders claimed 90% progress and full agreement on military elements, major issues—particularly territorial disputes in the Donbas region—remain unresolved. Moscow continues to insist on maximalist conditions, and Zelenskyy reaffirmed that any land concessions would require a national referendum. (link)

China Launches Large-Scale Military Drills Around Taiwan: China began extensive live-fire military exercises around Taiwan under "Justice Mission 2025," deploying warships, aircraft, and artillery, and simulating strikes and blockade scenarios in waters north and southwest of the island. The drills come shortly after the U.S. approved an \$11.1 billion arms package for Taiwan, the largest to date, heightening tensions in the Taiwan Strait. Taiwan's military has responded by mobilizing troops and showcasing U.S.-made HIMARS systems.(Link)

U.S. Officials Defend Anti-ISIS Strikes in Nigeria and Syria President Trump described the attacks as a "Christmas present" to ISIS militants in response to the persecution of Christians in Nigeria. U.S. Defense Secretary Pete Hegseth reiterated the administration's stance against extremist violence, especially targeting Christians. Iran's President Declares "All-Out War" With U.S., Europe, and Israel: Iranian President Pezeshkian stated that his country is in an "all-out war" with the USA, Europe, and Israel amidst ongoing regional tensions and economic

The BBVA Monitor: Tensions rise between China & Taiwan. World Economic Policy Uncertainty ease

hardship. He blamed Western powers for pursuing regime change and maintaining pressure through sanctions.

- **Bilateral tensions index** between **China and Taiwan** increased after China launched Military exercises around Taiwan. Meanwhile, tensions between the **US** and **China** continued in the safe area with bilateral tension in a relatively low profile safe mode (see Fig. 1).
- In **Europe**, **geopolitical risk** remained at neutral areas although increasing after a new failure to deliver a peace deal between **Russia and Ukraine**. (see Fig. 2).
- **Geopolitical risk index** in **Asia**, remained in the high area in **Thailand & Malaysia** on Thailand Cambodia border conflict and Malaysia mediation role (see Fig. 5).
- World Economic Policy Uncertainty indexes continued to ease in most of the world (see Fig. 4).

FIG 1. BILATERAL T. INDEX: CHINA TAIWAN (Local media. 28-day weighted mov avg, normalized by its own history)



greater (lower) risk relative to the mean of period 2021-nowadays)

FIG 2. GEOPOLITICAL RISK INDEX: EUROPE (Local media. 28-day weighted mov avg, normalized by its own history)



Source: BBVA Research & www.gdelt.org. Positive (negative) values indicate greater (lower) interest relative to the mean of period 2021-nowadays)

^{*}The selection of news has been enriched by the BBVA Research Geo Assistant developed with Chat-GPT.



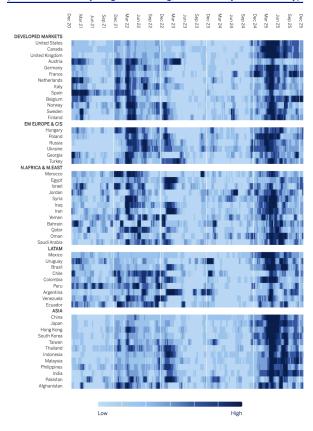
FIG 3. BBVA RESEARCH GEOPOLITICS MONITOR "SIGNAL" CHANGES

(Signals in Geopolitical Risk, Political Tensions, Economic Policy Uncertainties, Protest and Conflict according to Standard Dev)

Source: BBVA Research and http://www.gdelt.org/

FIG 4. ECONOMIC POLICY UNCERTAINTY MAP

(Local media. 28-day weighted mov avg, normalized by its own history)



Source: BBVA Research & www.qdeit.org. Darker Blue colors stands for higher economic policy uncertainty while lighter blue colors for low uncertainty

FIG 5. GEOPOLITICAL RISK: MIDDLE EAST

Source: BBVA Research

(Total media. 28-day weighted mov avg, normalized by its own history)



FIG 5. GEOPOLITICAL RISKS: ASIA

(Total media. 28-day weighted mov avg, normalized by its own history)



Source: BBVA Research & www.gdelt.org. Positive (negative) values indicatgreater (lower) risk relative to the mean of period 2021-nowadays)



Methodological annex: indicators' construction

We have developed a daily tracker with weekly updates to monitor protest and conflict indicators for every country in the world from 2019 to present day. To construct this, we use a rich 'big database' of international events (GDELT), created by Leetaru and Schrodt (2013). GDELT is an open-source database that extracts and parses digital news monitoring world events covered by news media from nearly every corner of the world, whether broadcast, printed, or published on the web, in over 100 languages, every moment of every day, updated every 15 minutes. Thus, it contains a comprehensive and high-resolution catalog of geo-referenced events and themes.

Using different dictionaries, several thousands of taxonomies and themes are identified in the news pieces to classify the information. The algorithms used by GDELT also identify emotions, organizations, locations, news sources, and events across the world as well as their average sentiment using Natural Language Processing (NLP) techniques and the lexicon approach.

The included indicators are:

Geopolitical Risk: or sentiment (weighted by coverage) of the country's geopolitical risk perception.
Political Tensions: or sentiment (weighted by coverage) of the country's political tensions.
Economic Policy Uncertainty or sentiment (weighted by coverage) about the country's economic policy
uncertainty, also disaggregated by media origin.
Protests or coverage regarding social protests or unrest in the country.
Conflict or coverage of armed conflicts, which go beyond verbal protests.
Bilateral Tensions or the sentiment (weighted by coverage) between a specific pair of countries that
appear together in the news article (plus NATO and EU).

The indicators track the evolution of tensions and are normalized by their country's history since 2019, thus they are all expressed in terms of standard deviations from their historical patterns. Indicators usually lie within the range [-1,1]. Therefore, when the values exceed one (the upper boundary of the range), this means escalating tensions. While it's possible to observe simultaneous tensions arising in multiple countries (for example, due to geopolitical events affecting several nations, as seen in some of our heatmaps), using these indicators for direct quantitative comparisons of risk levels between countries is not recommended.

We apply a weighted moving average of 28 days (to include four complete weeks with the same number of days of the weeks) to reduce the noise of daily information and identify signals more clearly. The weights have been calculated using a discrete geometric distribution such that it puts more weight on recent data and less on past data (see Graph 1). Aggregating by weeks, the weight of the most recent week has a weight of 68%, the past week 22%, the previous 7%, and the fourth 3%. The weight of the 28 days can be seen in the following image. In such a way, the indicators reflect what has been happening in the last few days.



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