

German elections: Artificial Intelligence helps investors use voter opinions for investment decisions

- **Swissquote and the EPFL's Social Media Lab are evaluating social media to measure investor sentiment about the German DAX stock index**
- **Artificial intelligence in finance: making investment decisions according to the voter opinion**
- **Swissquote offers strategies for investors to benefit from foreign exchange fluctuations**

Gland, Switzerland, August 29, 2017 - On 24 September, Germany will elect the lower house of its federal parliament (Bundestag). Prior to the election, financial markets will be particularly volatile, in reaction to winner/loser projections and other surveys of voter opinion. Thanks to a new artificial-intelligence (AI) tool from Swissquote, the leading Swiss online bank, investors can capitalise on these voter opinions to make investment decisions.

Today, Swissquote launched the #DE30 Social Sentiment Index, developed in collaboration with the Social Media Lab of the EPFL (École Polytechnique Fédérale de Lausanne). The index summarises and evaluates the opinions expressed on social media regarding the German DAX (stock index of Germany's 30 largest, public companies).

An algorithm, with the help of artificial intelligence, identifies investors' optimistic and pessimistic views. Natural language processing (NLP) is used to interpret the meaning of texts posted to social media. Graph theory is used to determine the context of each text, so that interpretation errors are avoided.

From this AI analysis, a real-time, consensus opinion can be derived as to whether the market is likely to move up or down. This can guide investors in adjusting or allocating positions on stock indices and currencies.

Swissquote analysts have also compiled an exclusive market analysis on how to trade the German election through the Forex market. Said Marc Bürki, CEO of Swissquote, "The use of artificial intelligence in finance is still beginning. Our goal is to drive its development, so that it can be used as quickly as possible by the broadest possible audience."

[Link to the website](#)

[Link to the Themes Trading platform](#)

tools to meet the wide range of demands and needs of its clients. As well as various online trading services, the user-friendly platform also provides solutions for eForex, ePrivate Banking and eMortgage. In addition to a low-cost service for private clients, Swissquote also offers specialized services for independent asset managers and corporate clients. Swissquote Bank Ltd holds a banking license issued by its supervisory authority the Swiss Federal Financial Market Supervisory Authority (FINMA) and is a member of the Swiss Bankers Association. Its mother company, Swissquote Group Holding Ltd, is listed on the SIX Swiss Exchange (symbol: SQN).

For further information, please contact:

Nadja Keller

Swissquote Media Relations Manager

Tel. +41 44 825 88 01

nadja.keller@swissquote.ch

Axel Schafmeister (CH – D)

Shepard Fox Communications

axel.schafmeister@shepard-fox.com

Tel: +41 44 252 0708

Mobile: +41 78 714 8010

Ophélie Lasnier (CH – F)

Shepard Fox Communications

ophelie.lasnier@shepard-fox.com

Tel: + 41 44 252 0710

Mobile: +41 78 632 59 67