Dynamical Aspect-Based Sentiment Analysis (DABSA) using SHAP values: Application to Macroeconomics

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March 29, 2021

Supplementary material

This document contains some additional images not included in the paper. All the python scripts used to obtain the results are available on my github. The news article dataset can be downloaded from this Google drive link : LeMondeNewsDataset.

article	date	week	month	year
Au Japon, Fillon évoque la "rigueur" et vante ...	16.07.2010	28	7	2010
"Avec Nicolas Sarkozy, ne créons pas de suspic...	29.11.2004	48	11	2004
Les députés adoptent la réforme de la formatio...	07.02.2014	5	2	2014
Coronavirus : deux cas suspects dans un hôpita...	11.06.2013	23	6	2013
La solitude de la BCE \r\r\r\n La Banque c...	05.11.2000	44	11	2000

Figure 1: An excerpt from the dataset

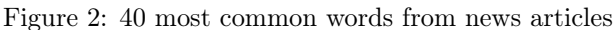Figure 2: 40 most common words from news articles

Figure 3: Word cloud of words from each aspect (topic)
Note: Bigger the word, more important it is.