

Mid-Term Project of SMM635 Data Visualization

MSc Business Analytics

Lecturer

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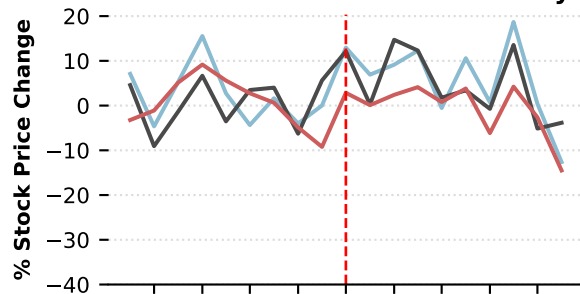
Group 3

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Jinze Yi (Eric)
Kar Whing Haw
Xuehui Sun (Samuel)
Yasmine Turki
Ziyun Yuan (Isabella)

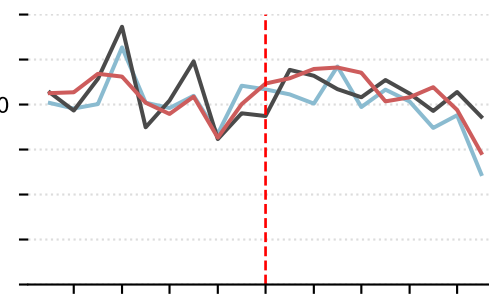
Submission Date: 11/11/2020

Stock Price Analysis

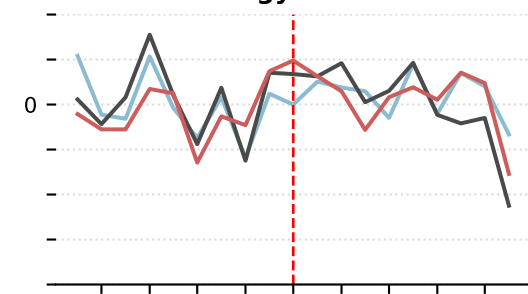
Plot1 - Consumer Discretionary



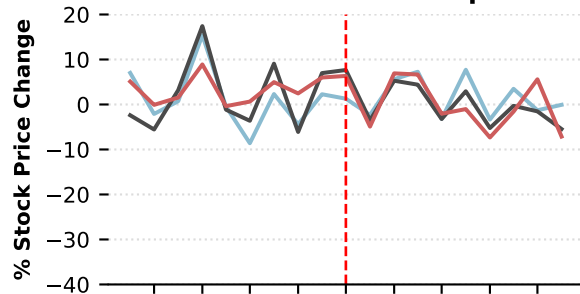
Plot2 - Financials



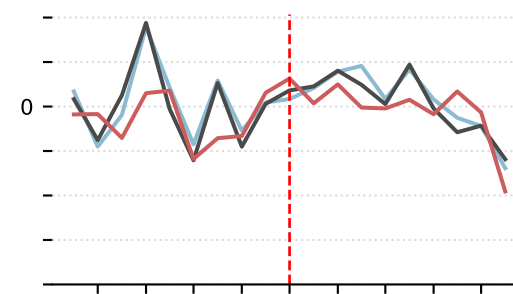
Plot3 - Energy and Materials



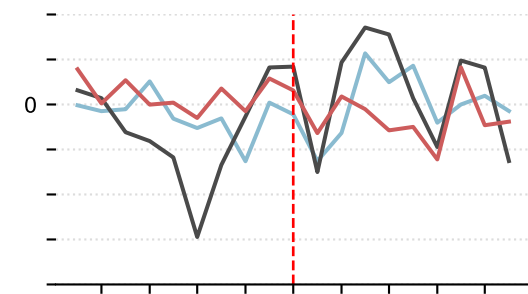
Plot4 - Consumer Staples



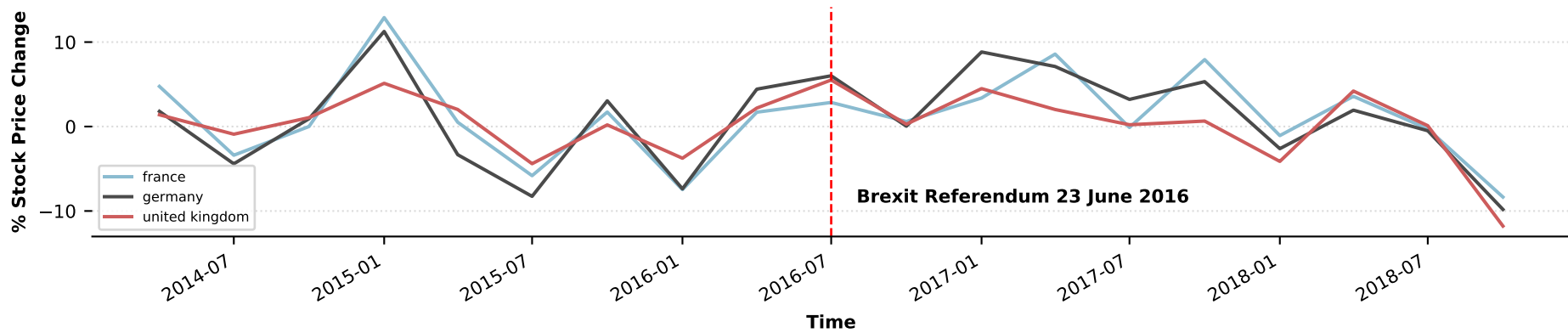
Plot5 - Industrials



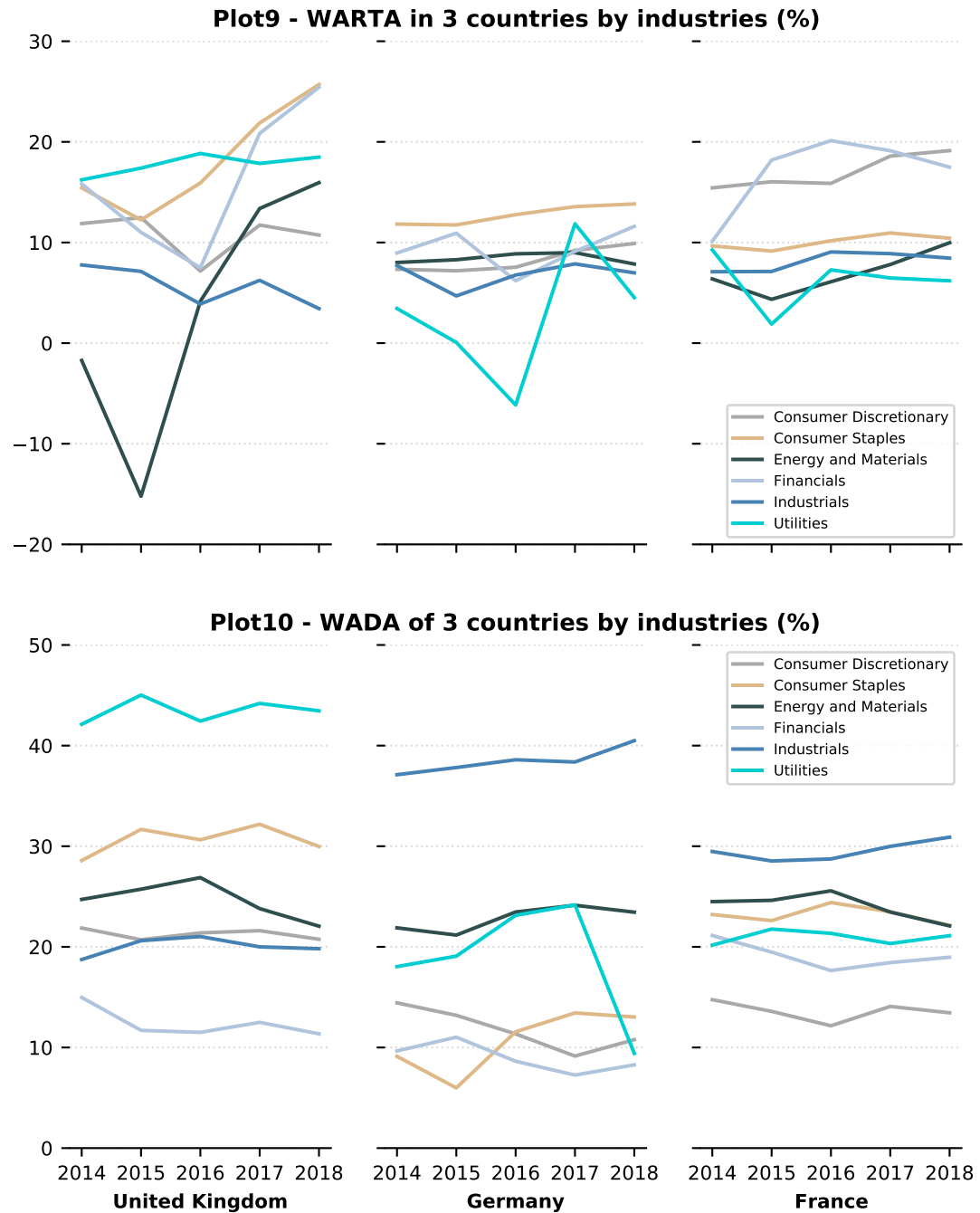
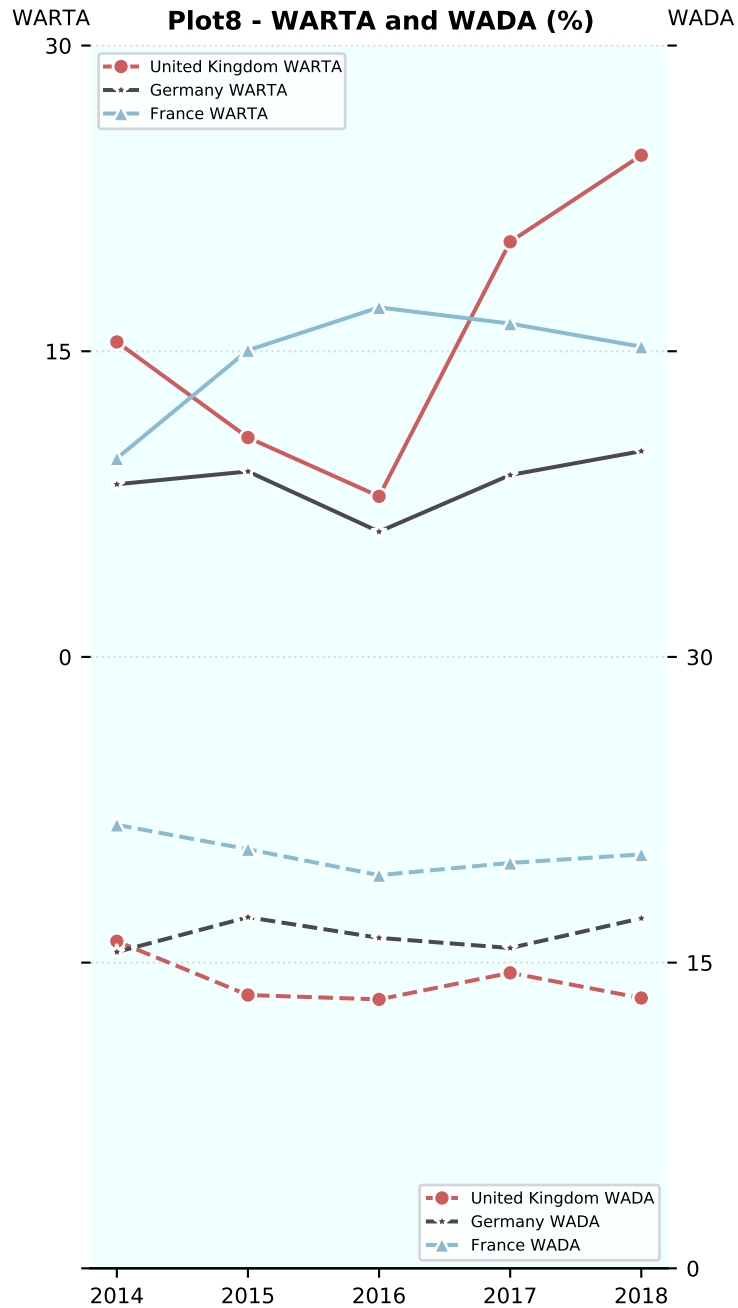
Plot6 - Utilities



Plot7 - Average Percentage Change in the Stock Prices over years



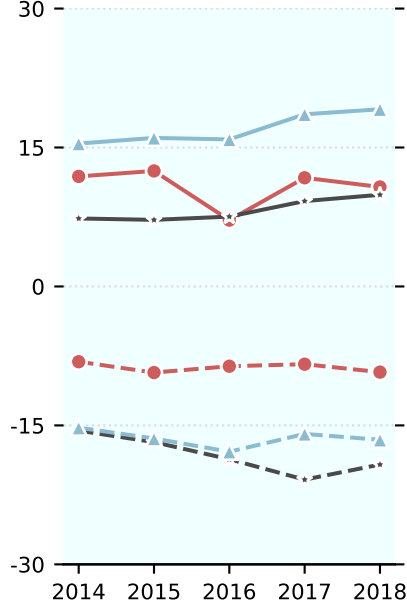
ROTA and D/A Analysis (1/2)



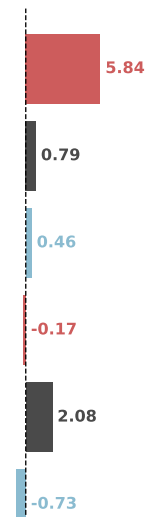
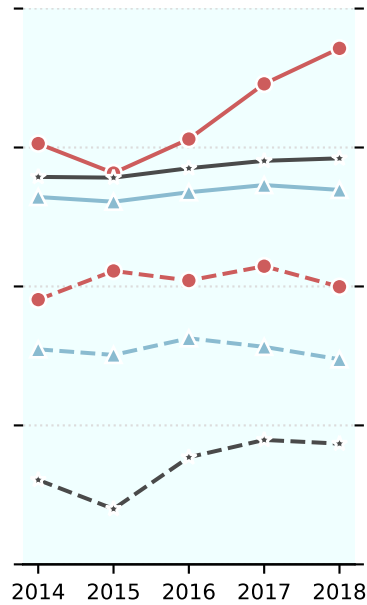
ROTA and D/A Analysis (2/2)

Plot11 - WARTA and WADA of 3 countries by industry

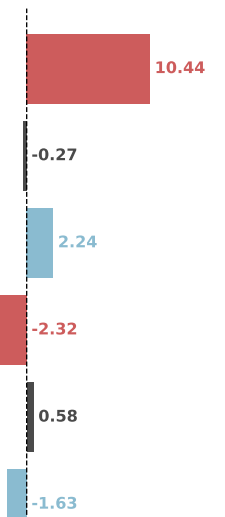
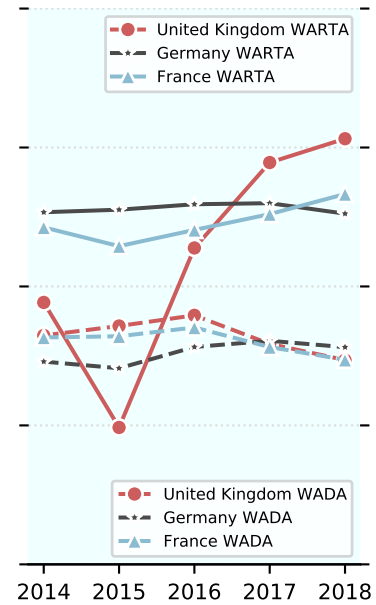
WARTA **Consumer Discretionary**



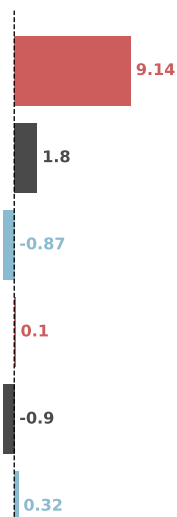
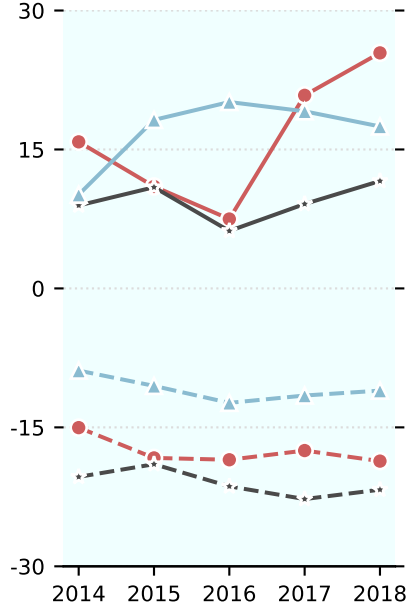
Consumer Staples



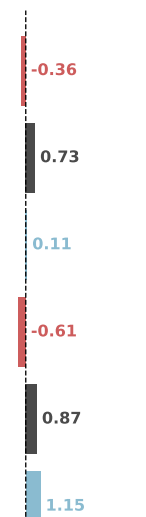
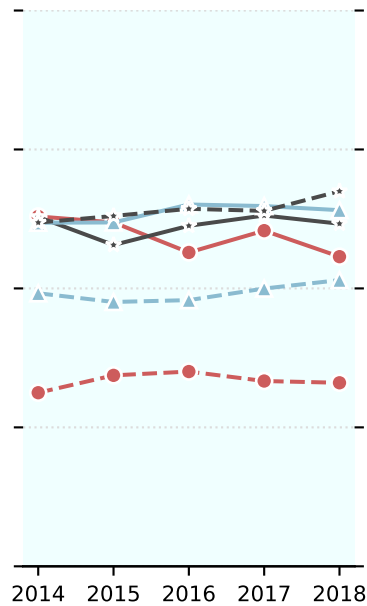
Energy and Materials



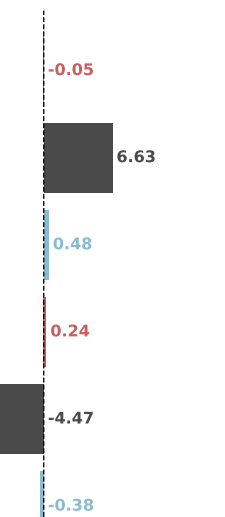
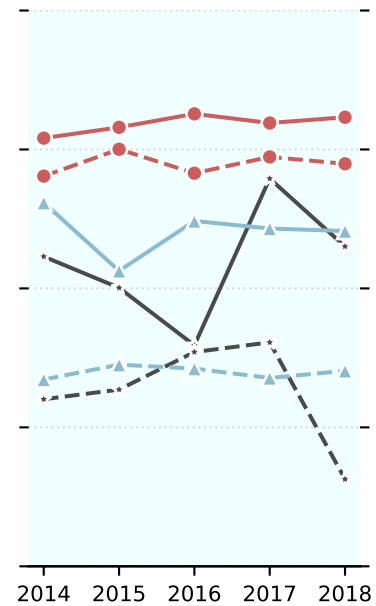
WARTA **Financials**



Industrials



Utilities



Note: The Brexit Impact is computed by comparing the slope of changes of weighted average ROA between 2014-2016 and 2016-2018, which is calculated by fitting linear models