

The background features abstract, overlapping green geometric shapes in various shades, including light lime green, medium green, and dark forest green. These shapes are primarily located on the left and right sides of the slide, framing the central white area.

Trade War Bayesian Analysis

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Introduction

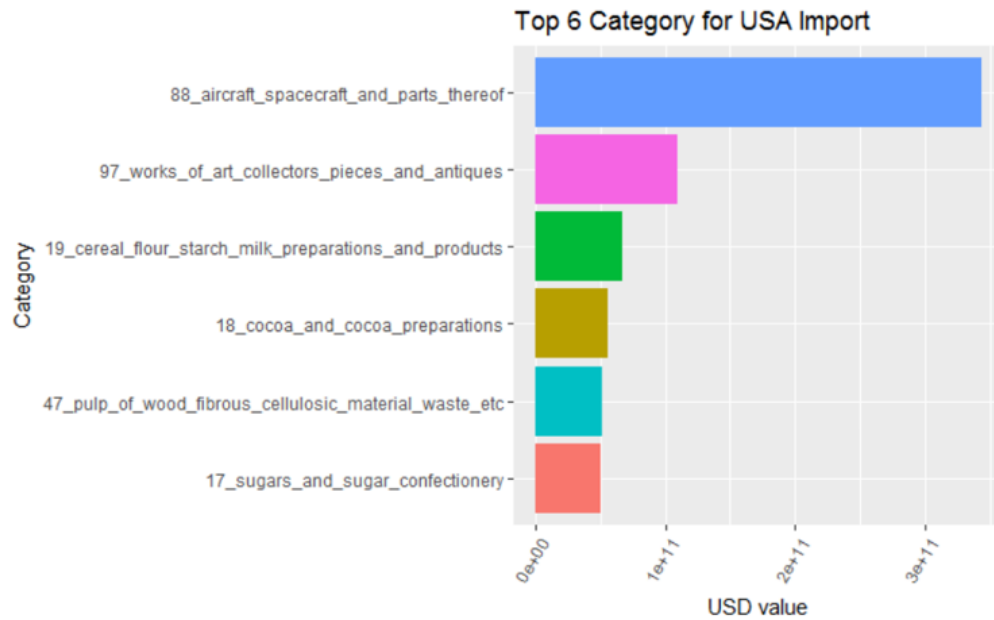
The news reported the new tariff policy between USA and China will affect more than \$200billion on Chinese goods. We would like to know how exactly it would affect the trading commodity between China and USA as the current trading data and what is the significance level of the new trading policy.

- ▶ Variables Selection:
- ▶ Country: USA and China (including Hong Kong)
- ▶ Year: 2002- 2016
- ▶ Trade_usd: non-missing values
- ▶ Category: All/ Tariff related products
- ▶ Commidty: Detailed tariff related products, (e.g. swine)
- ▶ Flow: Import, Export

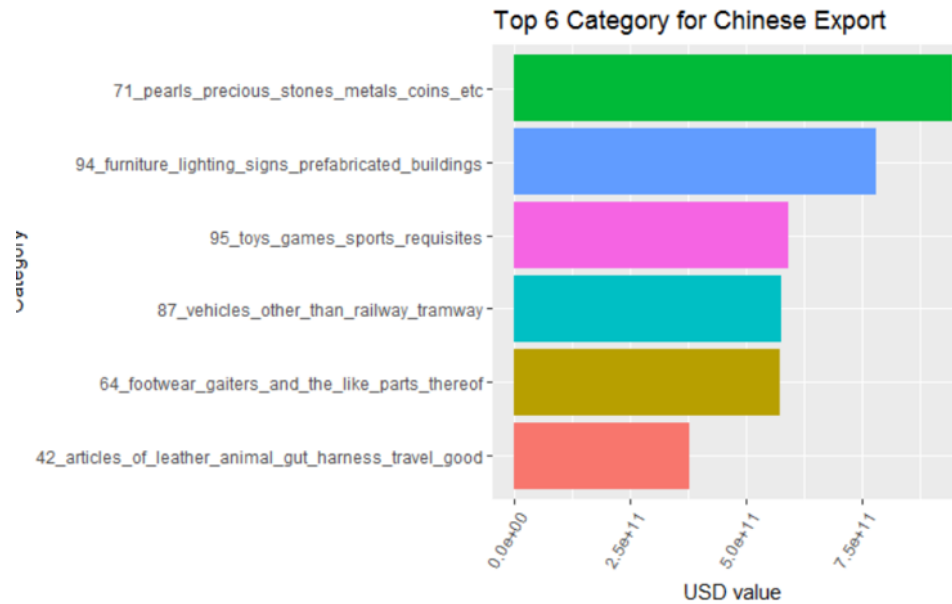
year	commodity	flow	trade_usd	category	country
2016	Horses, live pure-bred breeding	Import	1264783	01_live_animals	china
2016	Horses, live except pure-bred breeding	Export	40108	01_live_animals	china
2016	Horses, live except pure-bred breeding	Import	26467597	01_live_animals	china
2016	Asses, mules and hinnies, live	Import	254970	01_live_animals	china
2016	Bovine animals, live pure-bred breeding	Import	218557662	01_live_animals	china
2016	Bovine animals, live, except pure-bred breeding	Export	61066314	01_live_animals	china
2016	Bovine animals, live, except pure-bred breeding	Import	12411150	01_live_animals	china

Most Valuable Trading Categories

Overall USA Import

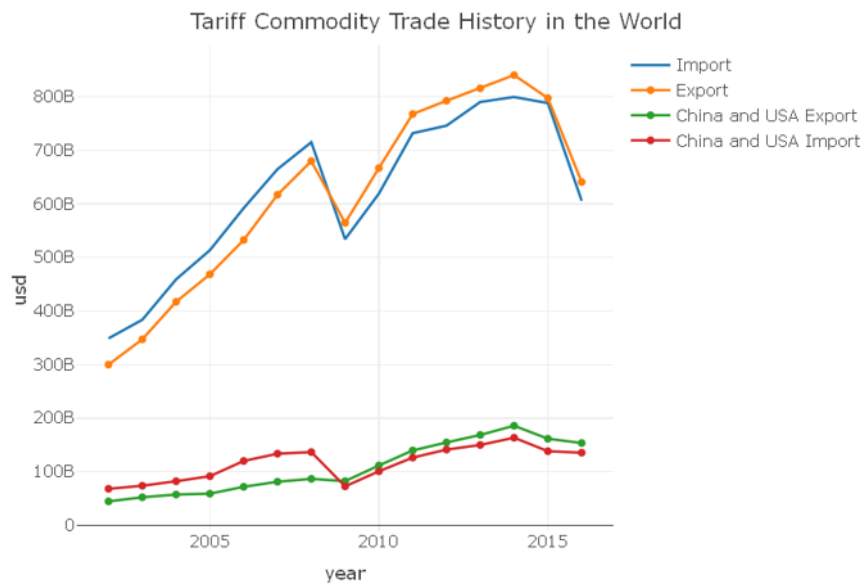


Overall China Export

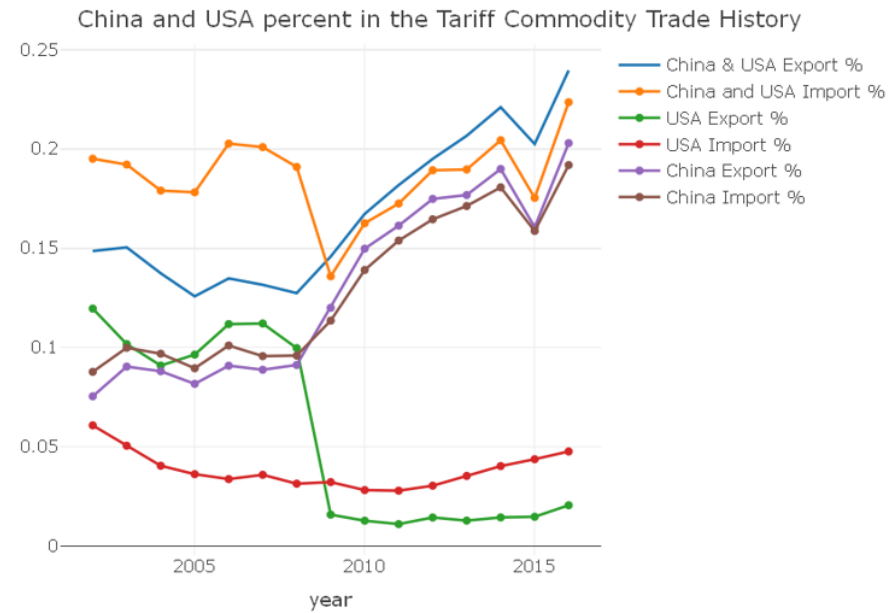


Tariff Goods Trade Summary

World Wide

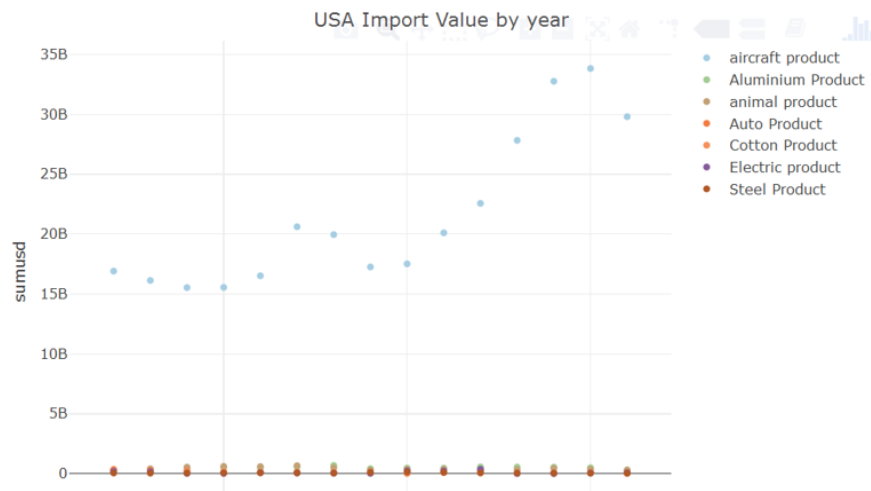


USA and China



Tariff Good Summary for Model I

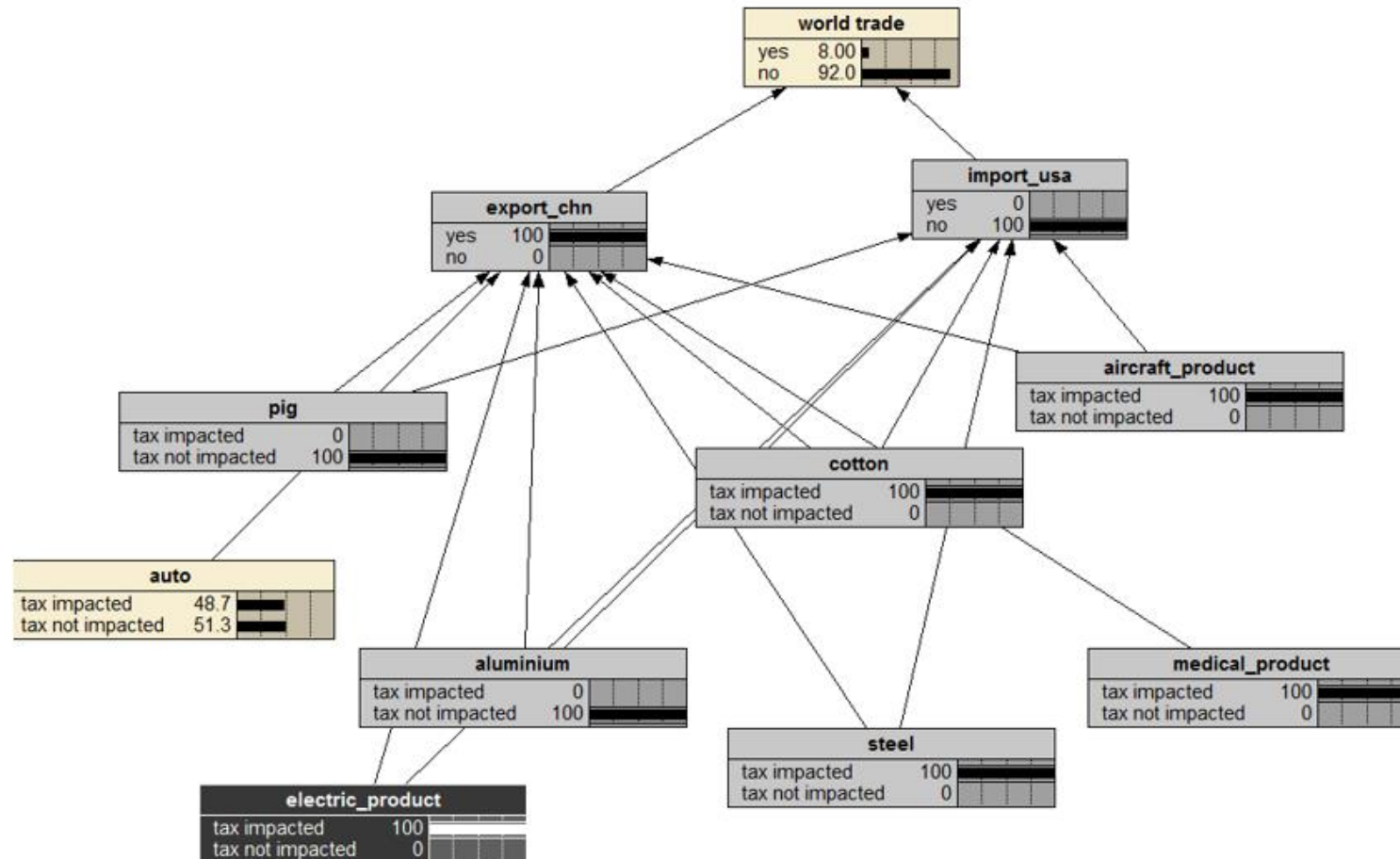
USA Import Tariff Goods



China Export Tariff Goods

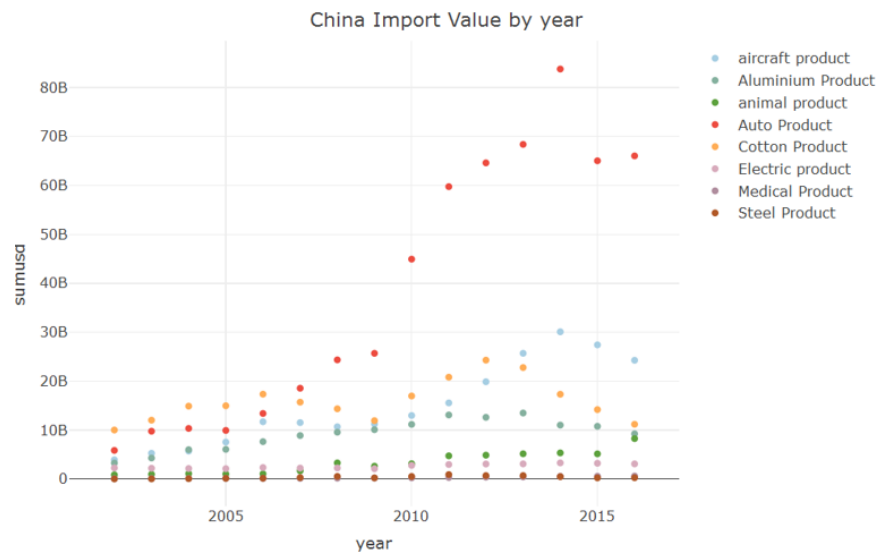


Model I : China Export and USA Import

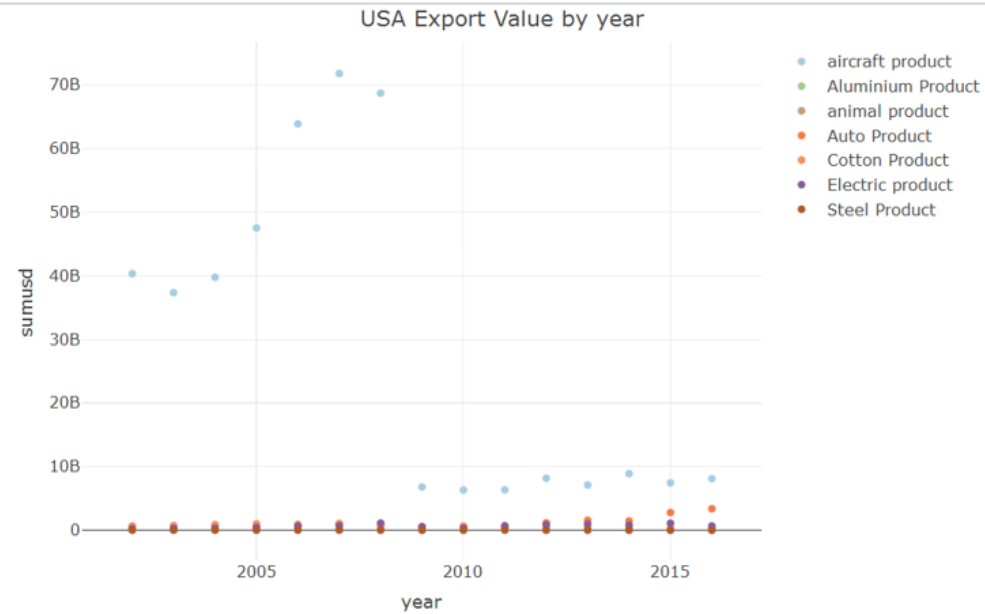


Tariff Good Summary for Model II

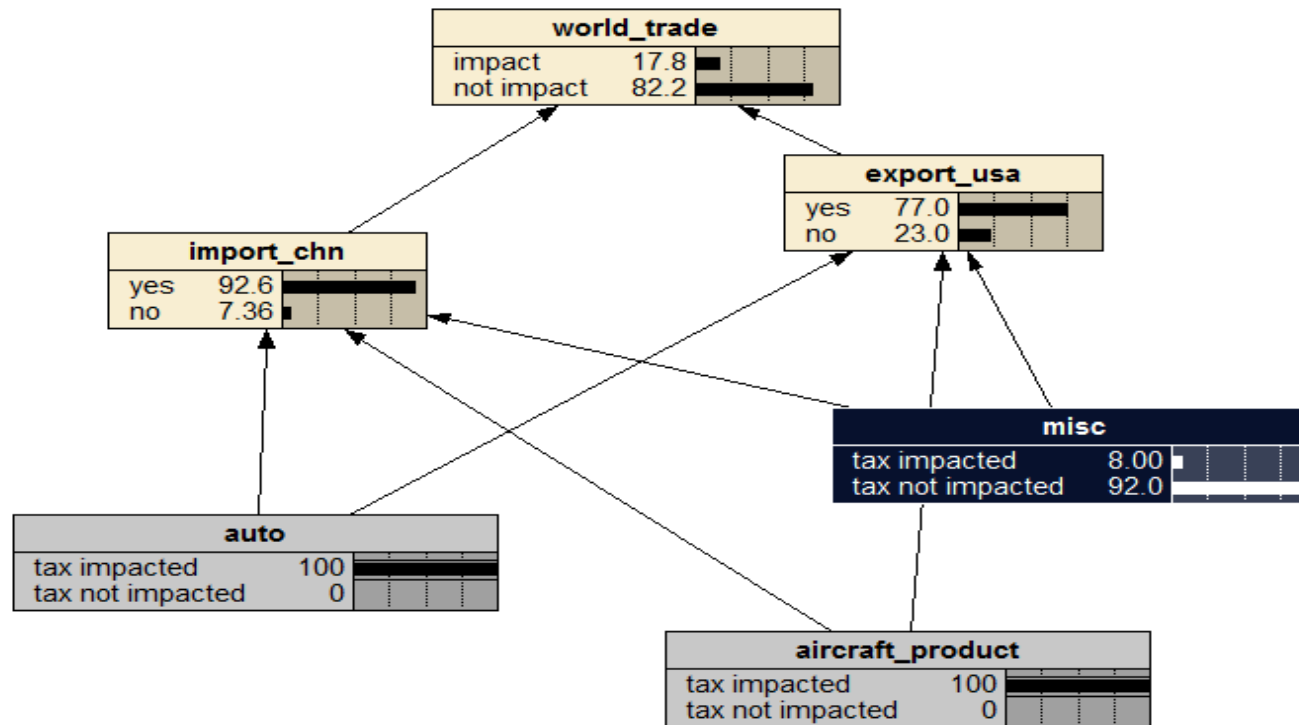
China Import



USA Export



Model II: China Import and USA Export



Conclusion

- ▶ We see the Tariff goods has 4% of the total trading market. In addition, China and USA together as 25% of those 4% trading. Therefore, we can conclude about 1% of total trading will be impacted by the new tariff policy in the world by the current data!

