# RCT test output

# Andreas Beger, Predictive Heuristics 4/2/2018

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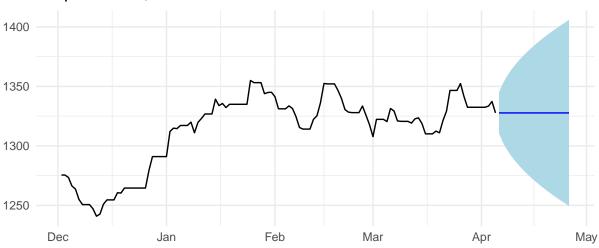
# Are the base models estimating and without obvious mistakes?

IFP	Model	Error	Estimated
821	ARIMA	NA	NA
839	ARIMA	NA	NA
866	ARIMA	NA	NA
929	ARIMA	NA	NA
938	ARIMA	validate_data(target, data_period, question_period): Historic	0
1028	ARIMA	NA	NA
1055	ARIMA	NA	NA
1145	ARIMA	NA	NA
1208	ARIMA	NA	NA
1226	ARIMA	NA	NA
1235	ARIMA	NA	NA
1271	ARIMA	validate_data(target, data_period, question_period): Historic	0
1406	ARIMA	NA	NA

#### Request 1028

What will be the daily closing price of gold on 26 April 2018 in USD?

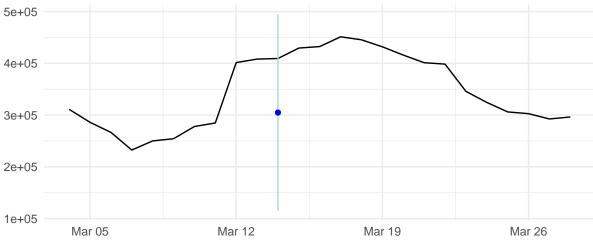
# Request 1028, ARIMA



#### Request 1055

What will be the maximum sea ice extent on the Bering Sea between 14 March 2018 and 10 April 2018?

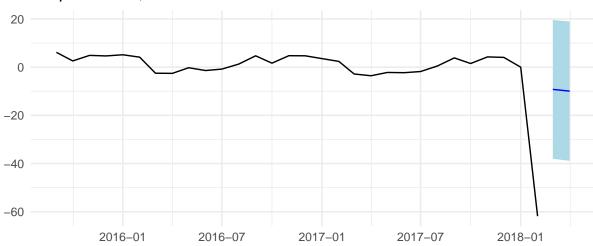




#### Request 1145

What will be the monthly Period-over-Period change in the consumer price index (CPI) for Malawi in April (Month 04) 2018?

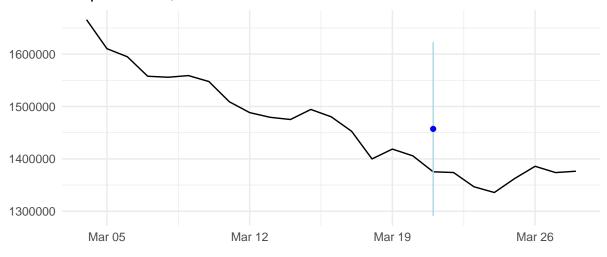
# Request 1145, ARIMA



#### Request 1208

What will be the maximum sea ice extent on the Baffin Bay Gulf of St. Lawrence between 21 March 2018 and 10 April 2018?

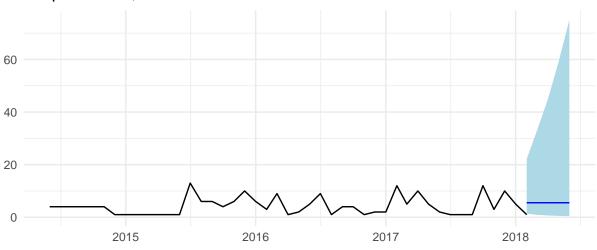
# Request 1208, ARIMA



#### Request 1226

Will ACLED record any civilian fatalities in Ghana in June 2018?

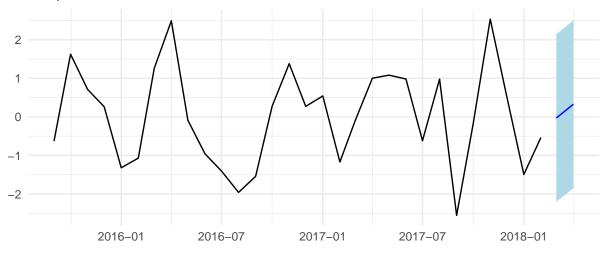
# Request 1226, ARIMA



#### Request 1235

What will be the monthly period-over-period change in the consumer price index (CPI) for Benin in April 2018?

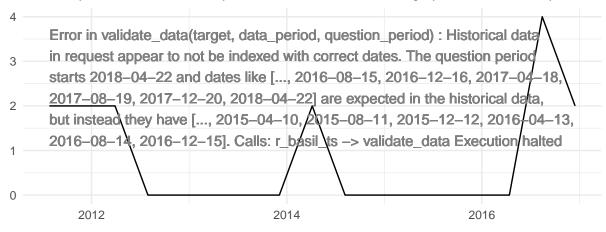
# Request 1235, ARIMA



#### Request 1271

How many United Nations Security Council Resolutions concerning Syria will be vetoed by Russia between 22 April 2018 and 22 August 2018?

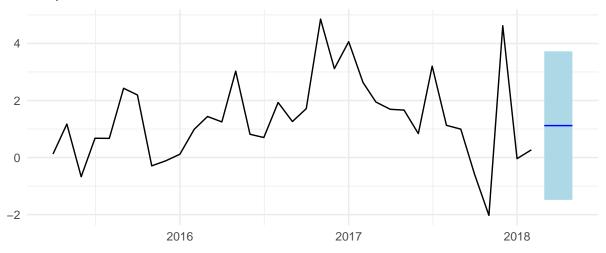
How many United Nations Security Council Resolutions concerning Syria will be vetoed by Russia b



#### Request 1406

What will be the monthly period-over-period change in the consumer price index (CPI) for Egypt in May 2018?

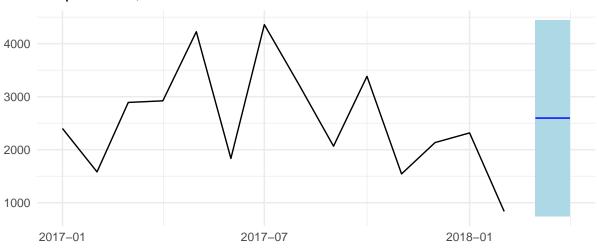
#### Request 1406, ARIMA



#### Request 821

How many battle deaths will ACLED record in Afghanistan in April 2018?

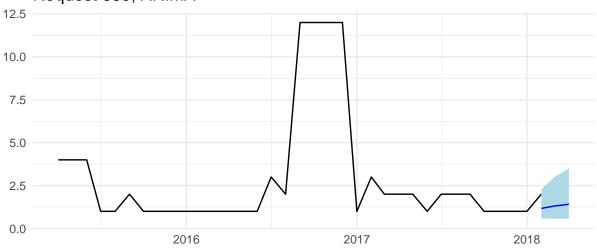
# Request 821, ARIMA



#### Request 839

Will ACLED record any riot/protest events in Gabon in April 2018?

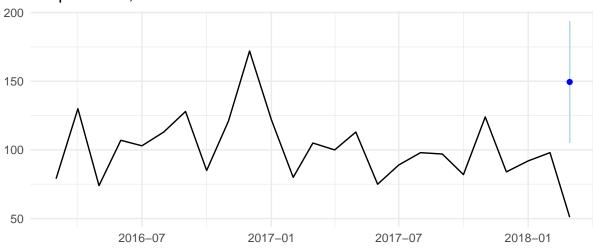




#### Request 866

How many earthquakes of magnitude 5 or stronger will occur worldwide in March 2018?

# Request 866, ARIMA



#### Request 929

How much crude oil will Libya produce in May 2018?

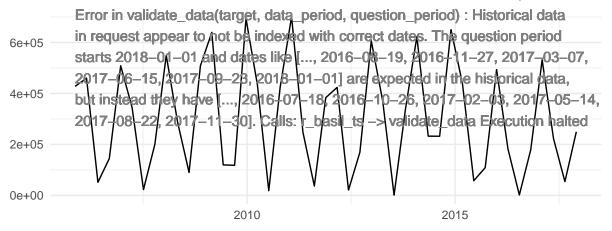
#### Request 929, ARIMA



# Request 938

What will be the maximum sea ice extent on the Barents Sea between 1 January 2018 and 10 April 2018?





# Summary table for all models and all IFPs

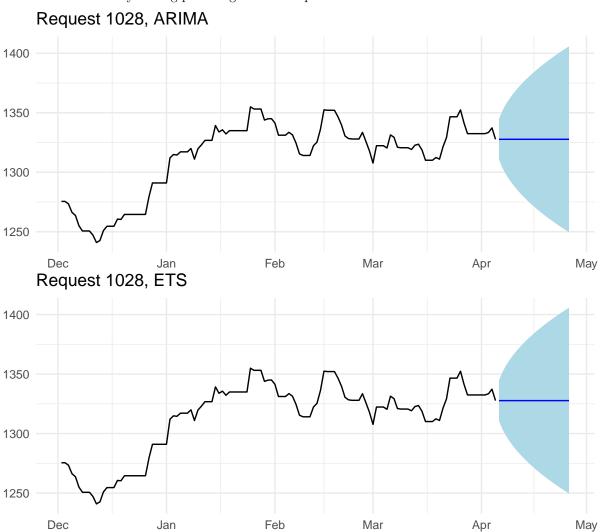
IFP	Model	Estimated	RMSE
1028	ARIMA	1	8.69
1028	ETS	1	8.69
1028	RWF	1	NA
1028	geometric RWF	1	NA
1055	ARIMA	1	94920.15
1055	ETS	1	140713.94
1055	RWF	1	NA
1055	geometric RWF	1	NA
1145	ARIMA	1	13.05
1145	ETS	1	12.43
1145	RWF	1	NA
1145	geometric RWF	0	NA
1208	ARIMA	1	83763.54
1208	ETS	1	127565.80
1208	RWF	1	NA
1208	geometric RWF	1	NA
1226	ARIMA	1	11.29
1226	ETS	1	11.29
1226	RWF	1	NA
1226	geometric RWF	1	NA
1235	ARIMA	1	1.10
1235	ETS	1	1.17
1235	RWF	1	NA
1235	geometric RWF	0	NA
1271	All models	0	NA
1406	ARIMA	1	1.32
1406	ETS	1	1.32
1406	RWF	1	NA
1406	geometric RWF	0	NA
821	ARIMA	1	909.67

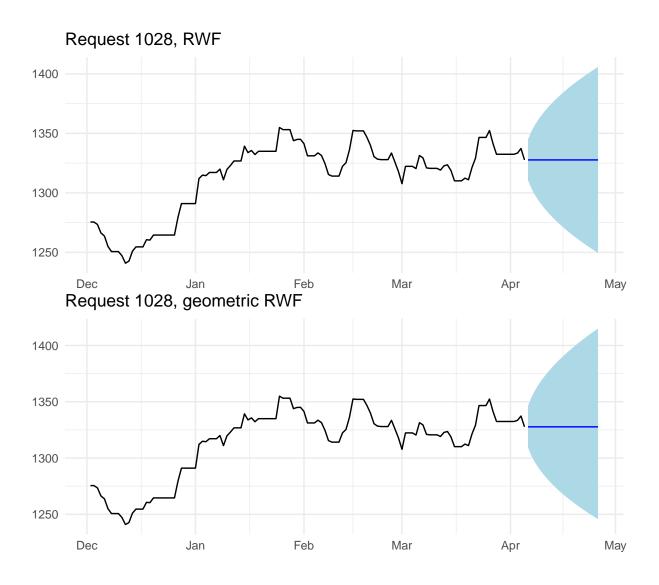
IFP	Model	Estimated	RMSE
821	ETS	1	909.72
821	RWF	1	NA
821	geometric RWF	1	NA
839	ARIMA	1	1.11
839	ETS	1	1.15
839	RWF	1	NA
839	geometric RWF	1	NA
866	ARIMA	1	22.73
866	ETS	1	22.73
866	RWF	1	NA
866	geometric RWF	1	NA
929	ARIMA	1	1602.58
929	ETS	1	1794.60
929	RWF	1	NA
929	geometric RWF	1	NA
938	All models	0	NA

# Plot forecasts for all models and all IFPs

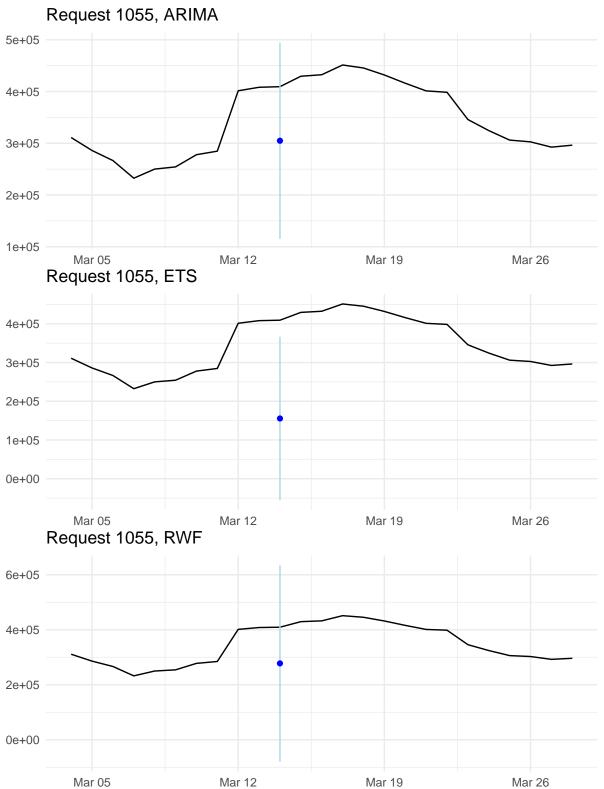
# Request 1028

What will be the daily closing price of gold on 26 April 2018 in USD?

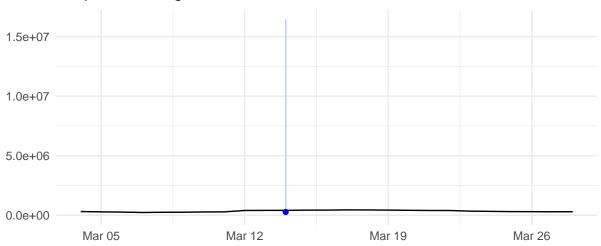




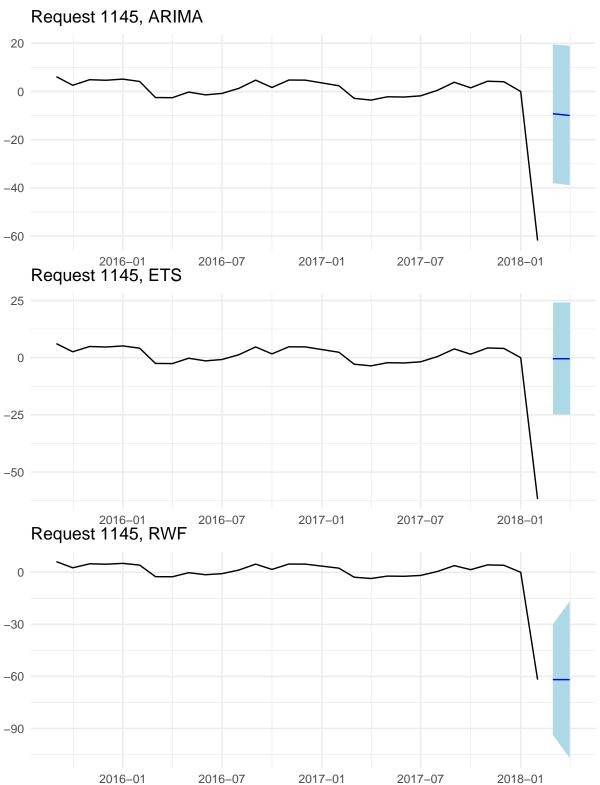
What will be the maximum sea ice extent on the Bering Sea between 14 March 2018 and 10 April 2018?



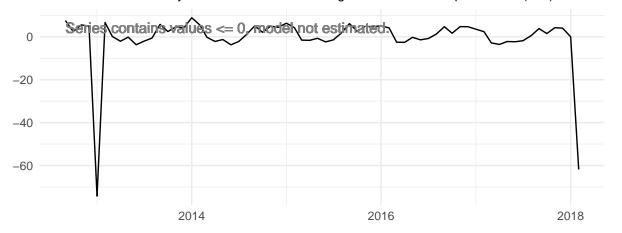
# Request 1055, geometric RWF



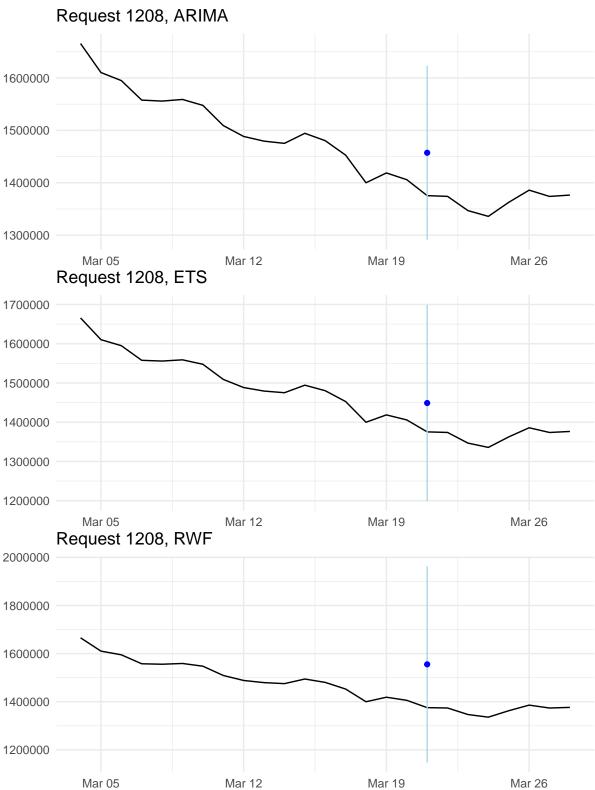
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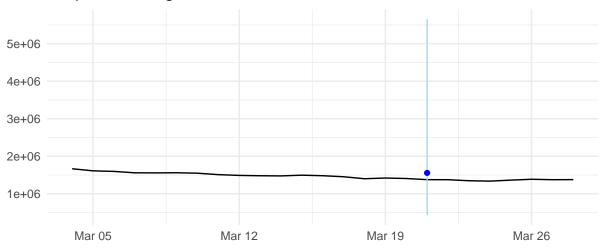
Request 1145
What will be the monthly Period-over-Period change in the consumer price index (CPI) for Malaw



What will be the maximum sea ice extent on the Baffin Bay Gulf of St. Lawrence between 21 March 2018 and 10 April 2018?



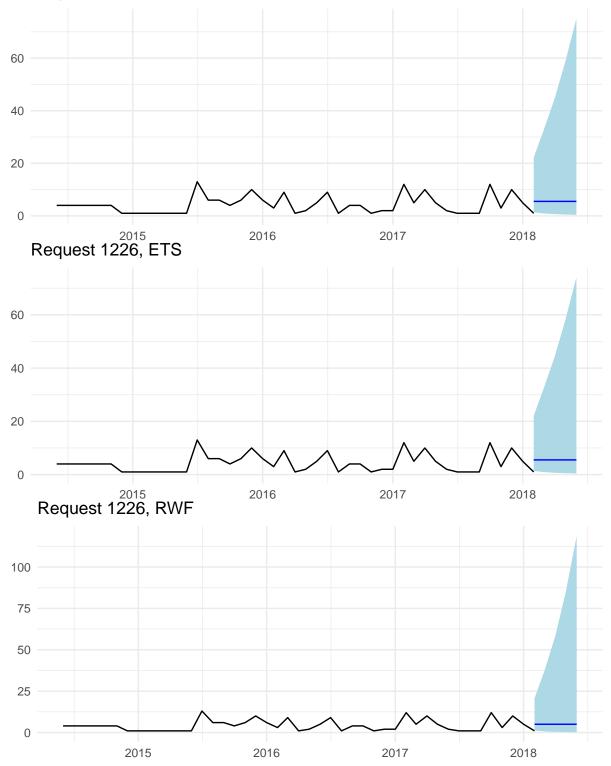
# Request 1208, geometric RWF



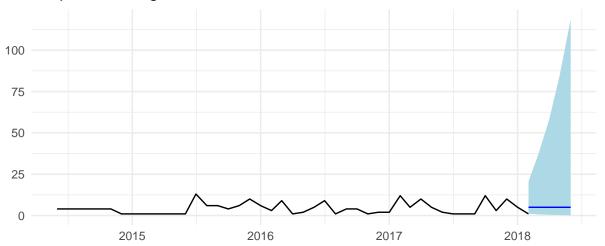
Request 1226

Will ACLED record any civilian fatalities in Ghana in June 2018?

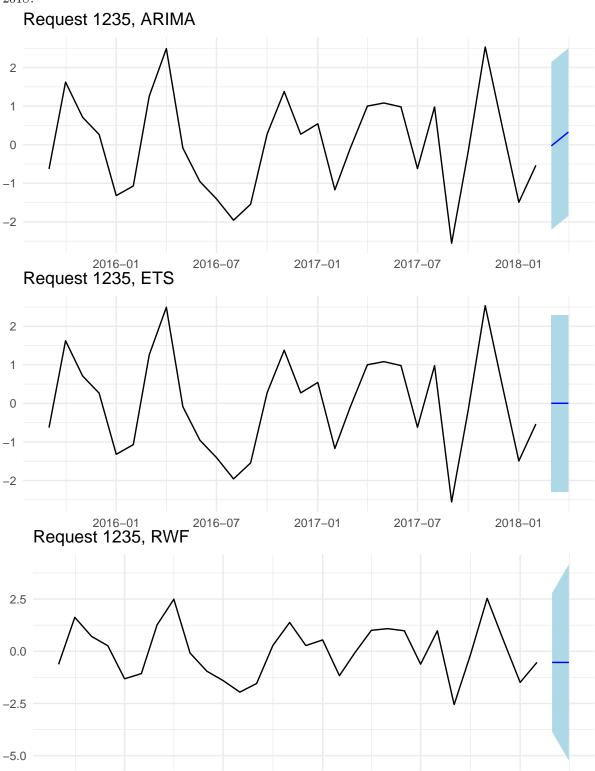




# Request 1226, geometric RWF



What will be the monthly period-over-period change in the consumer price index (CPI) for Benin in April 2018?



2017-01

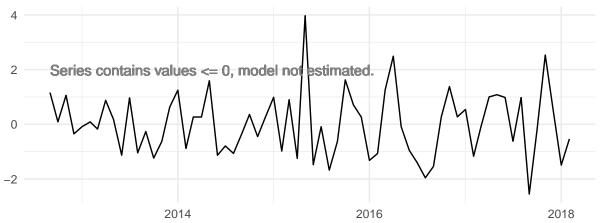
2017-07

2018-01

2016-01

2016-07

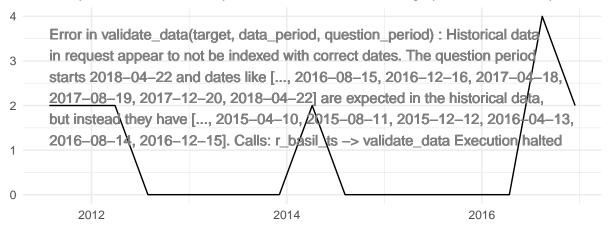
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How many United Nations Security Council Resolutions concerning Syria will be vetoed by Russia between 22 April 2018 and 22 August 2018?

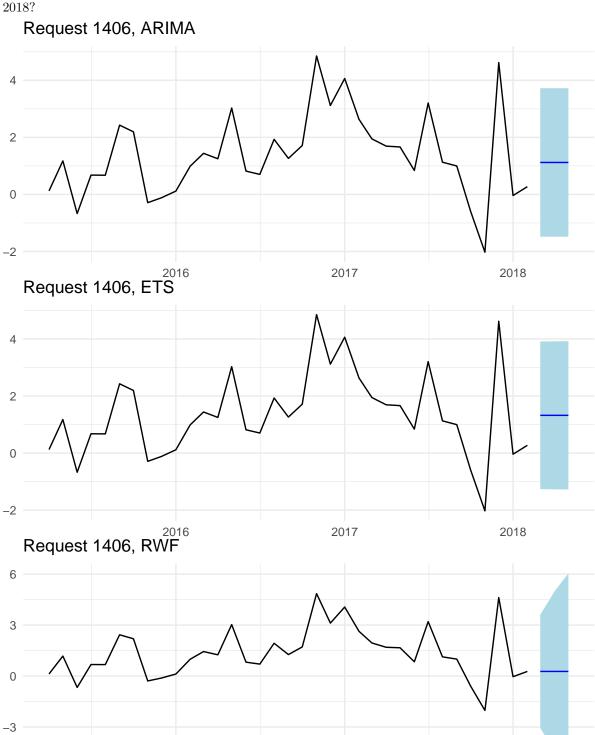
#### Request 1271

How many United Nations Security Council Resolutions concerning Syria will be vetoed by Russia b



-6

What will be the monthly period-over-period change in the consumer price index (CPI) for Egypt in May 2018?

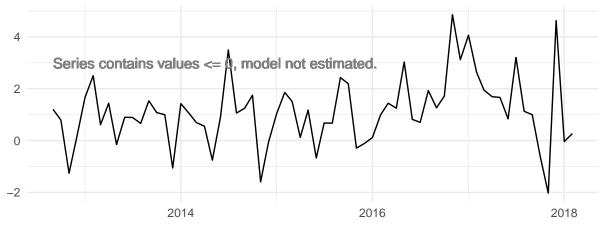


2017

2018

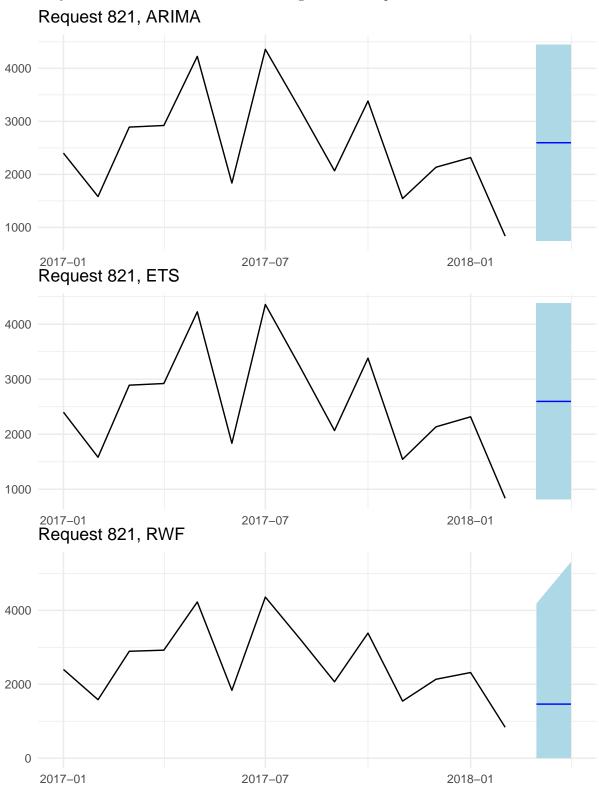
2016

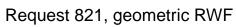
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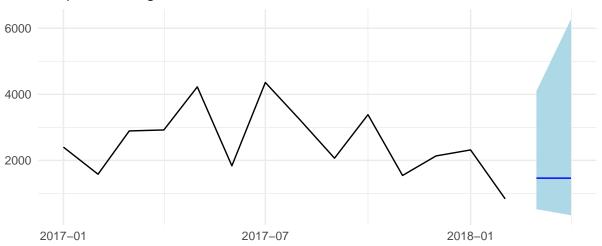


Request 821

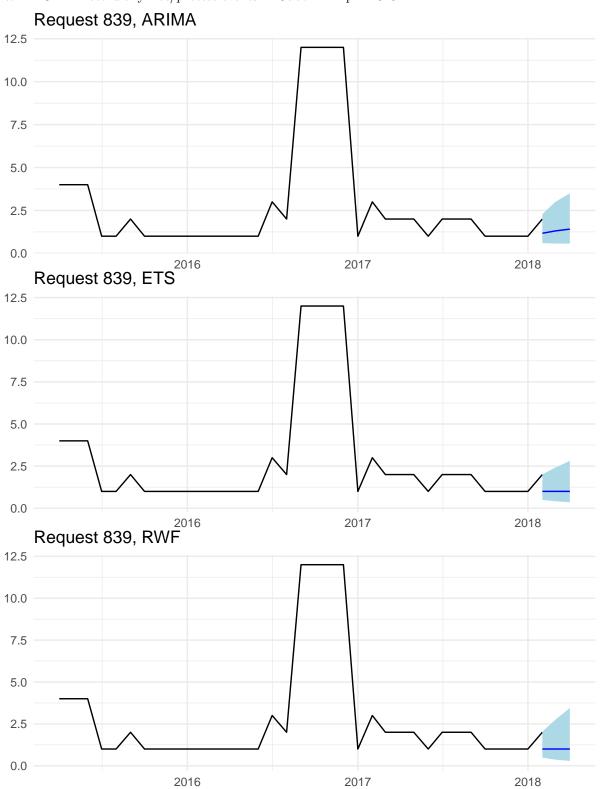
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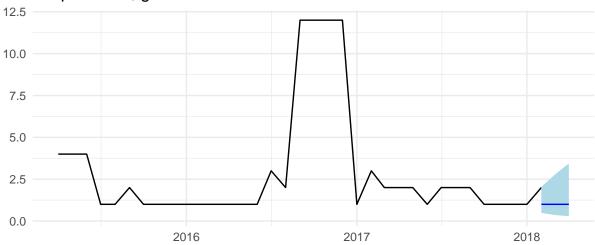




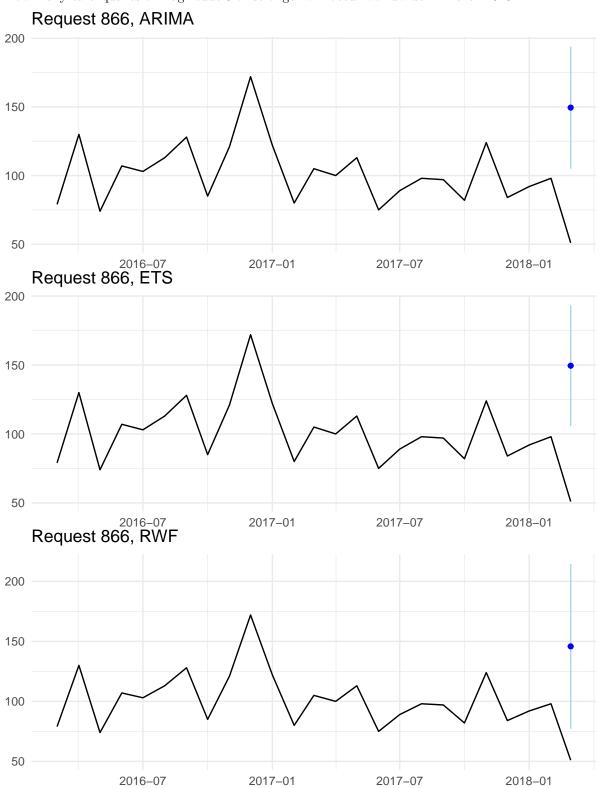
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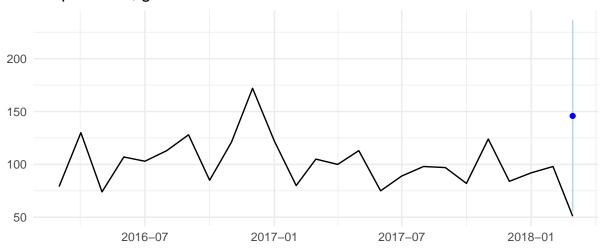
# Request 839, geometric RWF



How many earthquakes of magnitude 5 or stronger will occur worldwide in March 2018?

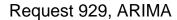


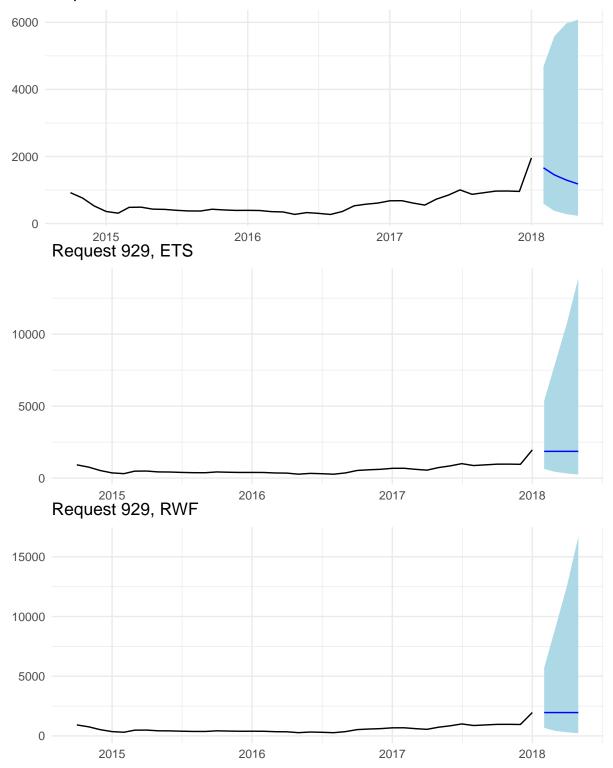
# Request 866, geometric RWF



Request 929

How much crude oil will Libya produce in May 2018?





# Request 929, geometric RWF



What will be the maximum sea ice extent on the Barents Sea between 1 January 2018 and 10 April 2018?

#### Request 938

What will be the maximum sea ice extent on the Barents Sea between 1 January 2018 and 10 /

