

RCT test output

Andreas Beger, Predictive Heuristics

4/2/2018

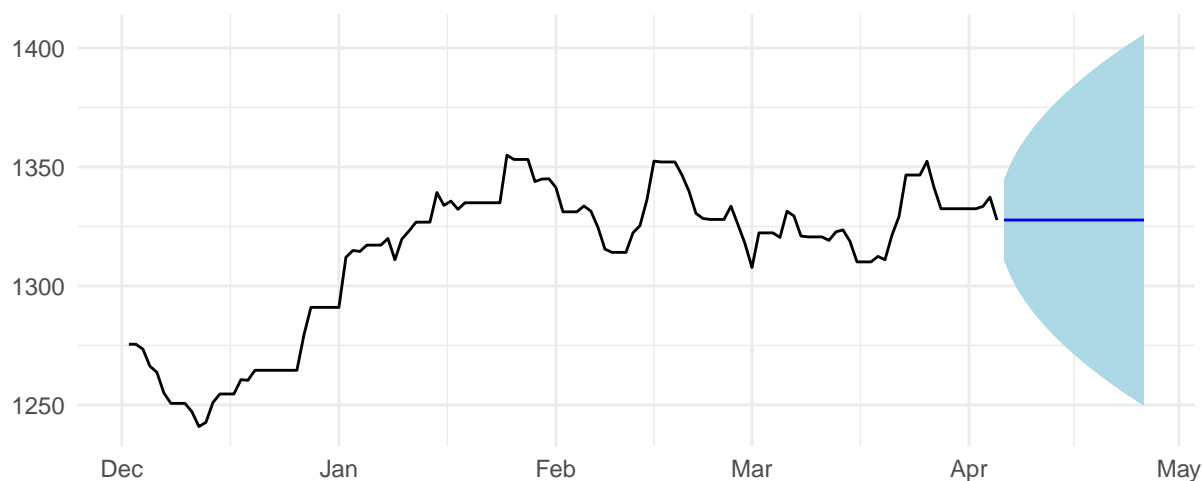
Are the base models estimating and without obvious mistakes?

IFP	Model	RMSE	Estimated	Error
1028	ARIMA	8.69	1	NA
1055	ARIMA	94920.15	1	NA
1145	ARIMA	13.05	1	NA
1208	ARIMA	83763.54	1	NA
1226	ARIMA	11.29	1	NA
1235	ARIMA	1.10	1	NA
1271	ARIMA	NA	0	validate_data(target, data_period, question_period): Historic
1406	ARIMA	1.32	1	NA
821	ARIMA	909.67	1	NA
839	ARIMA	1.11	1	NA
866	ARIMA	22.73	1	NA
929	ARIMA	1602.58	1	NA
938	ARIMA	NA	0	validate_data(target, data_period, question_period): Historic

Request 1028

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

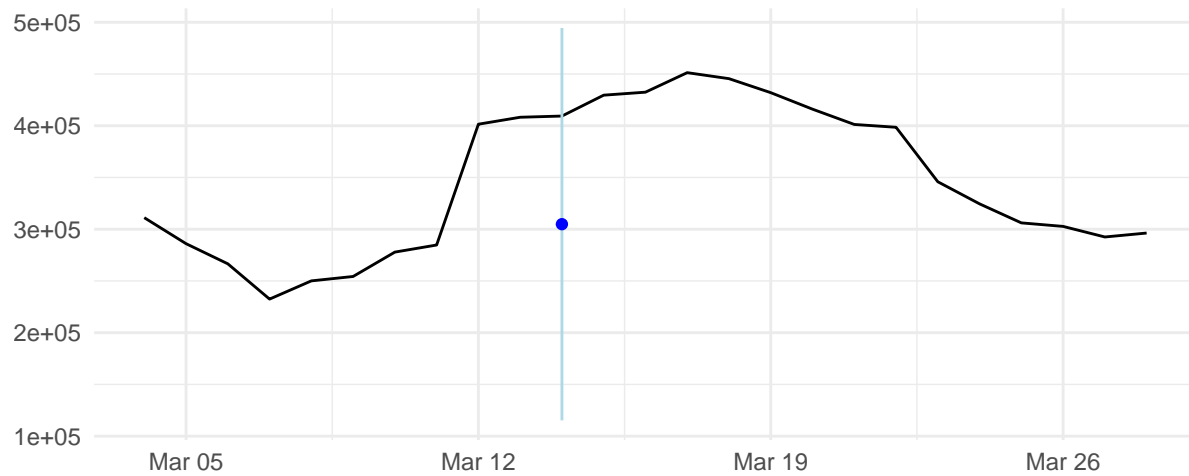
Request 1028, ARIMA



Request 1055

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

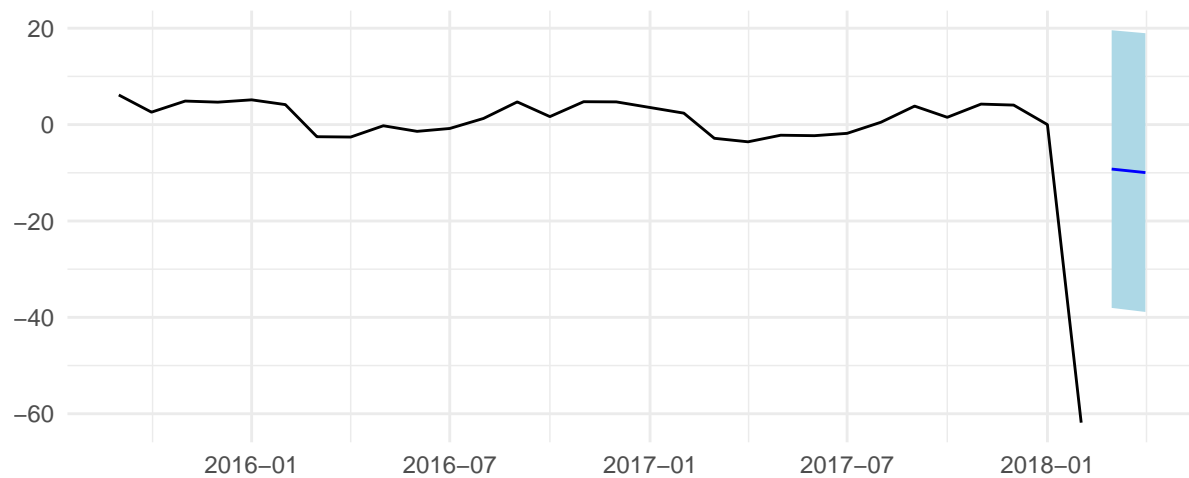
Request 1055, ARIMA



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?

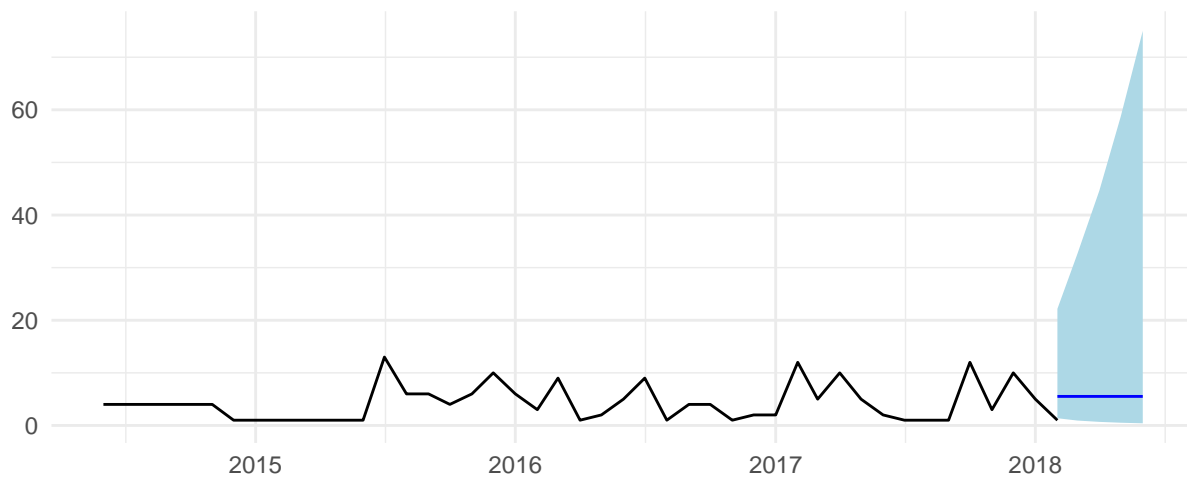
Request 1208, ARIMA



Request 1226

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

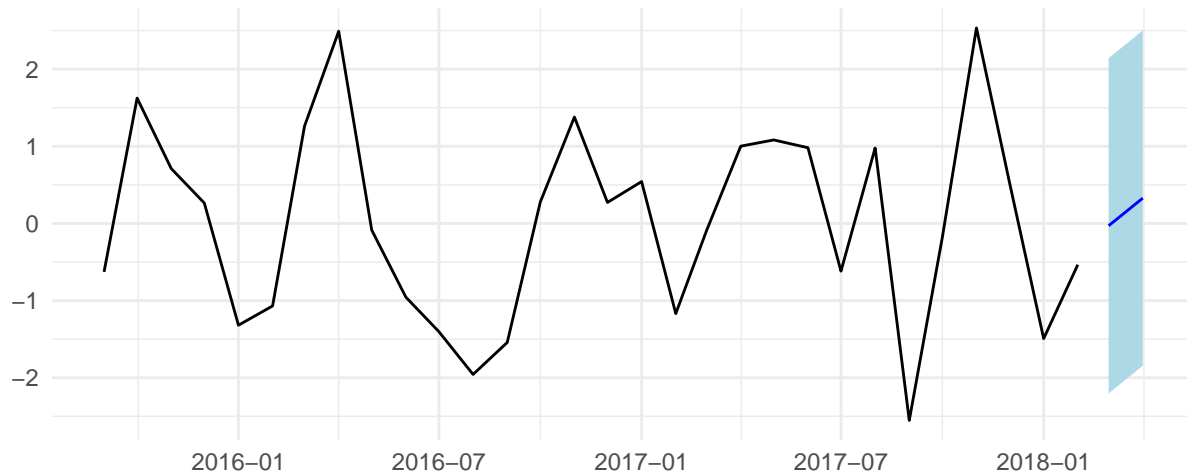
Request 1226, ARIMA



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

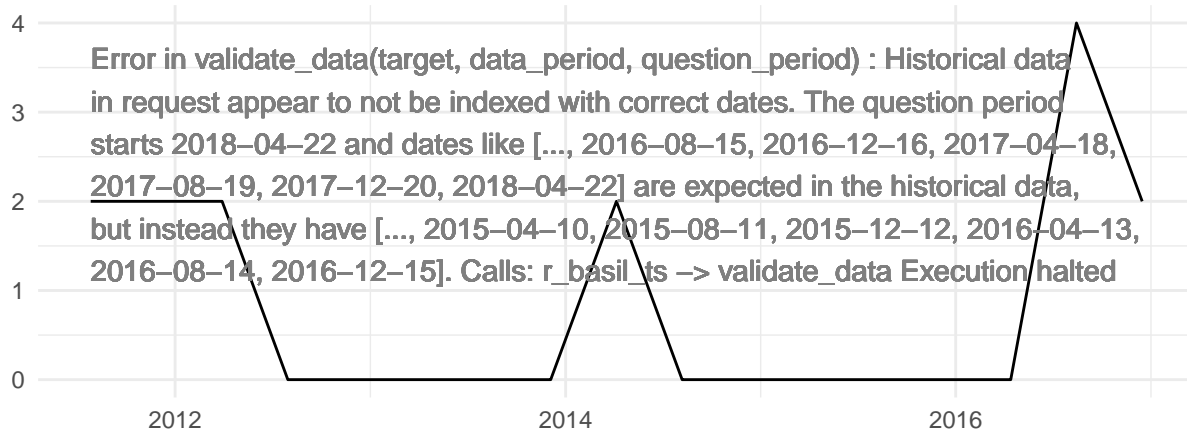


Request 1271

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

Request 1271

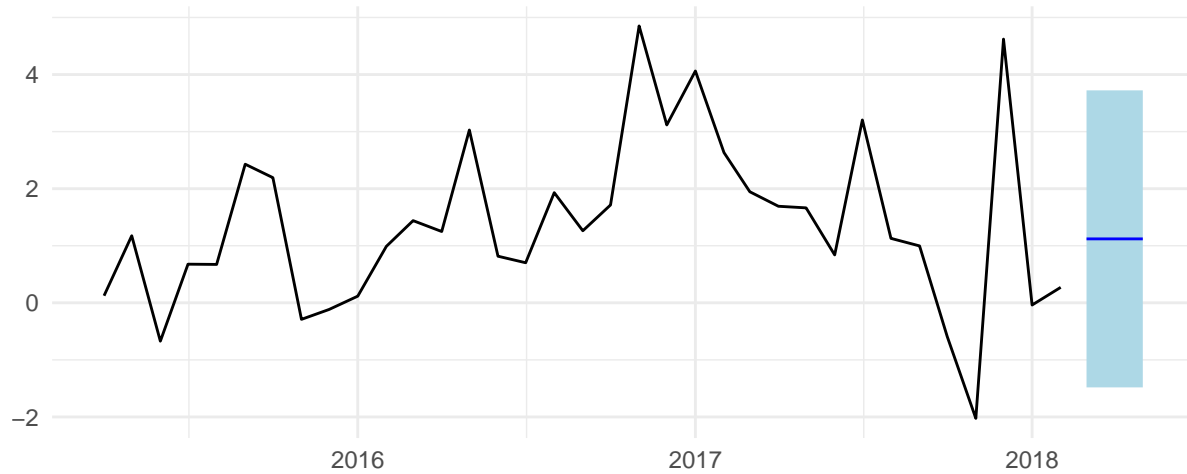
How many United Nations Security Council Resolutions concerning Syria will be vetoed by Russia b



Request 1406

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

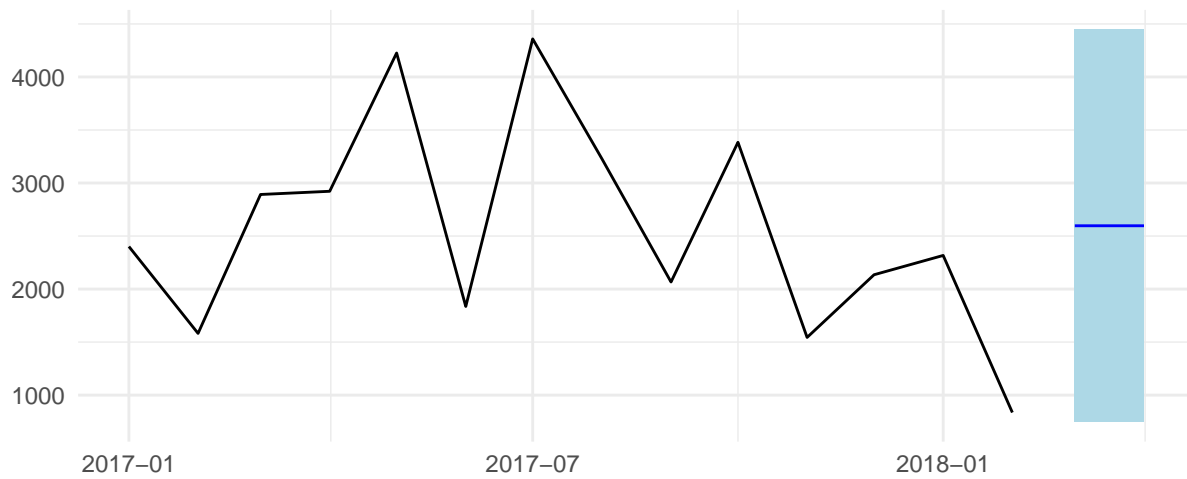
Request 1406, ARIMA



Request 821

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

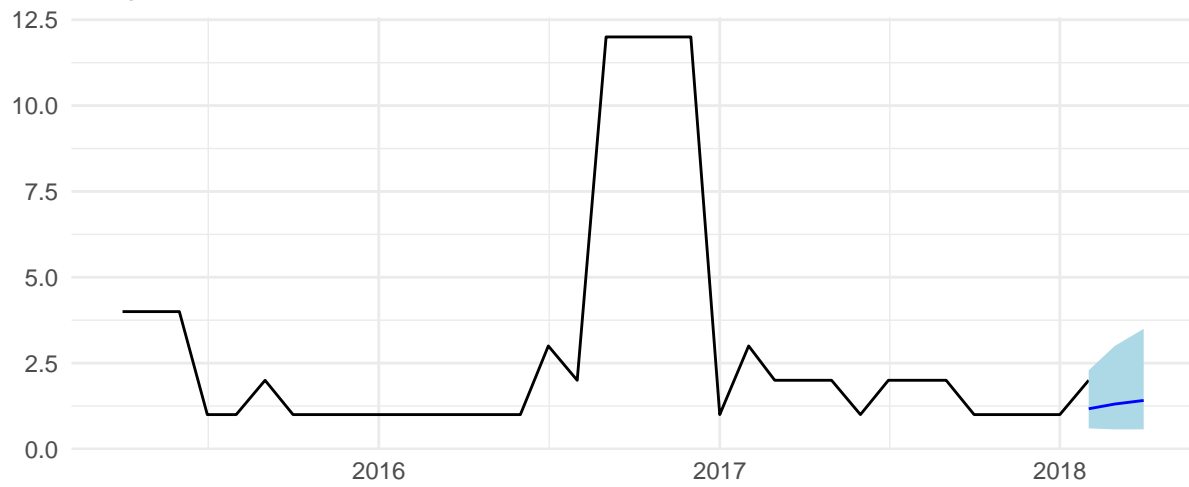
Request 821, ARIMA



Request 839

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

Request 839, ARIMA



Request 929, ARIMA

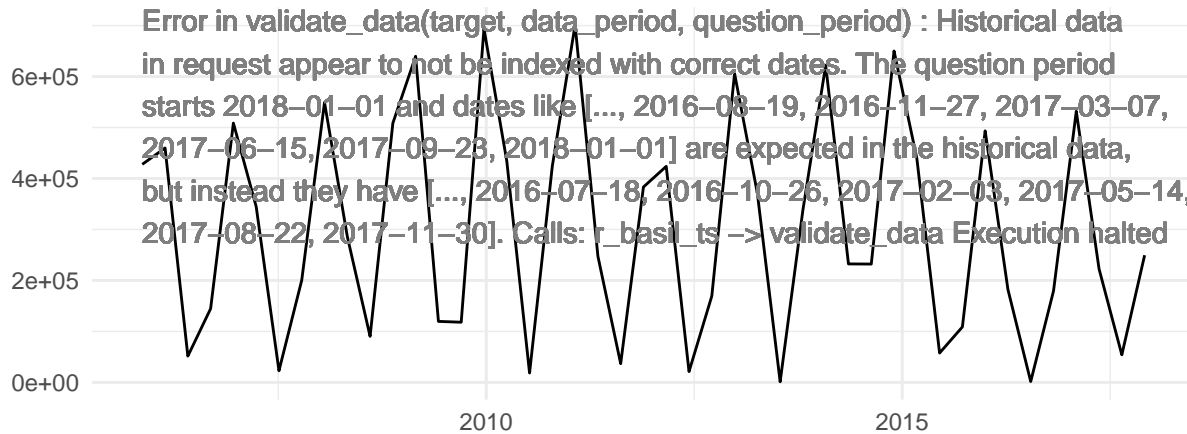


Request 938

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

Request 938

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



Summary for all IFPs and models

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

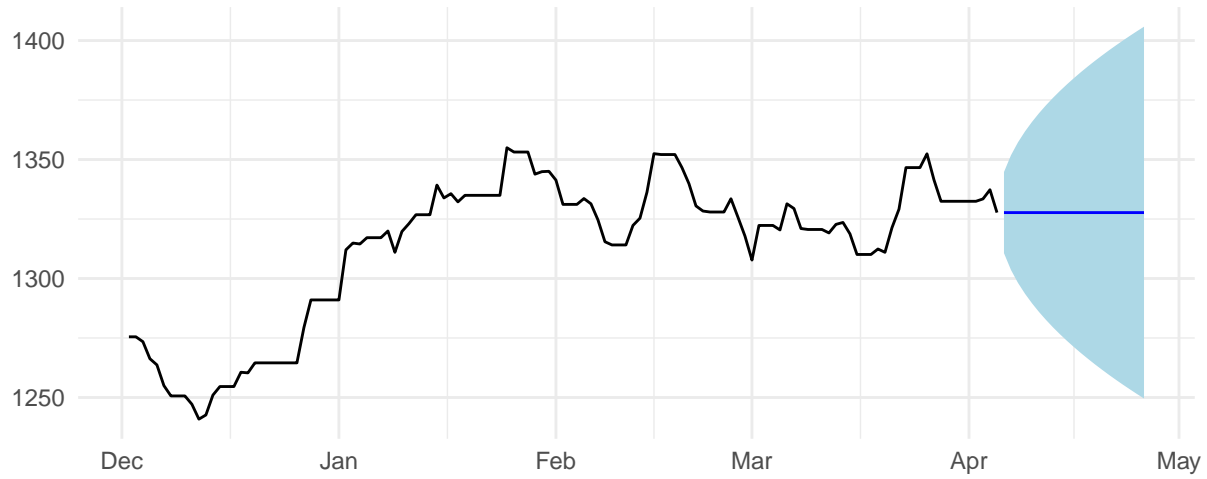
IFP	Model	Estimated	RMSE
1055	geometric RWF	1	NA
1145	ARIMA	1	13.05
1145	ETS	1	12.43
1145	RWF	1	NA
1145	geometric RWF	0	NA
1208	ARIMA	1	83763.54
1208	ETS	1	127565.80
1208	RWF	1	NA
1208	geometric RWF	1	NA
1226	ARIMA	1	11.29
1226	ETS	1	11.29
1226	RWF	1	NA
1226	geometric RWF	1	NA
1235	ARIMA	1	1.10
1235	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
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 all forecasts

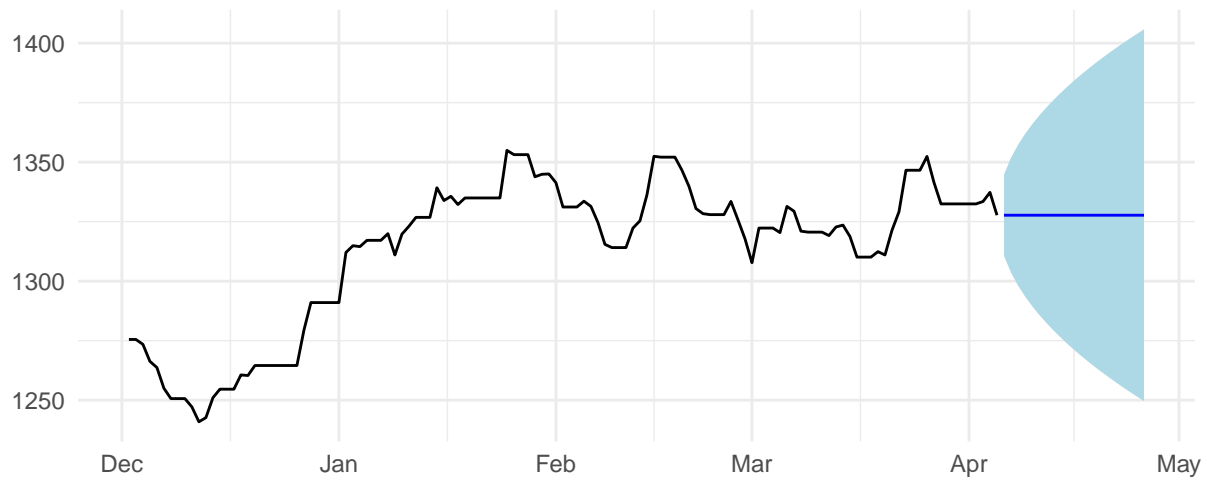
Request 1028

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

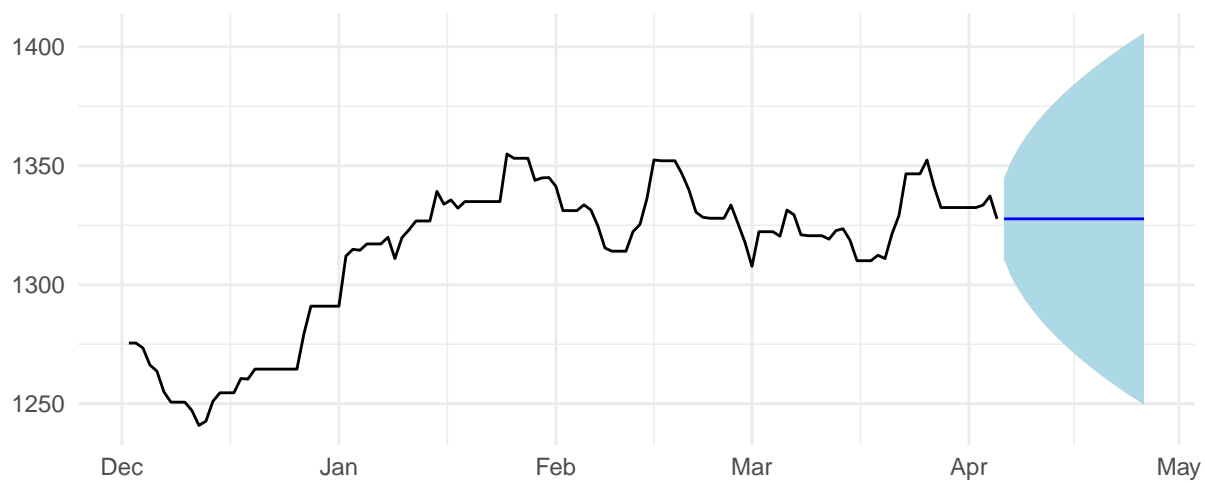
Request 1028, ARIMA



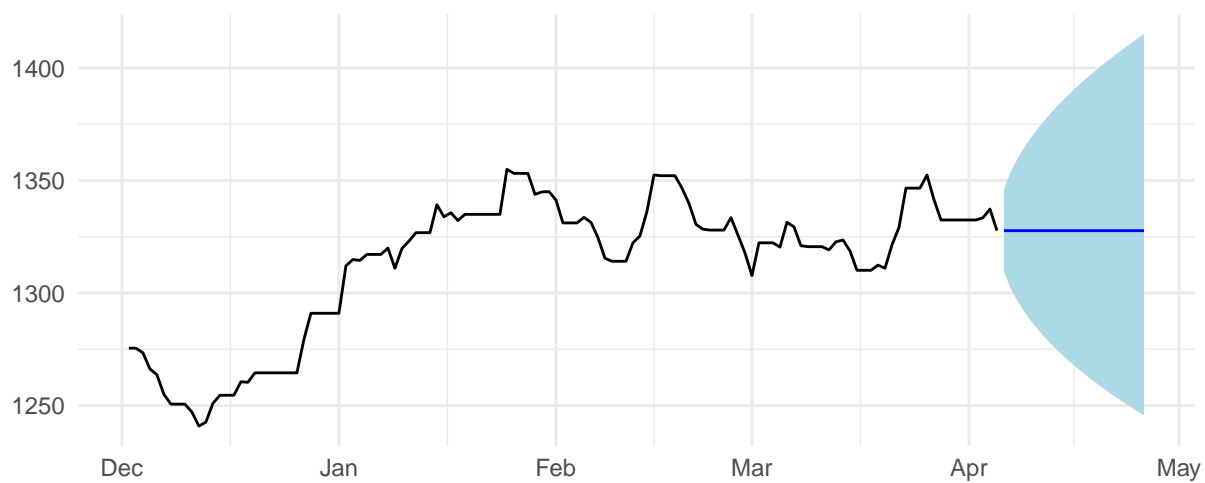
Request 1028, ETS



Request 1028, RWF



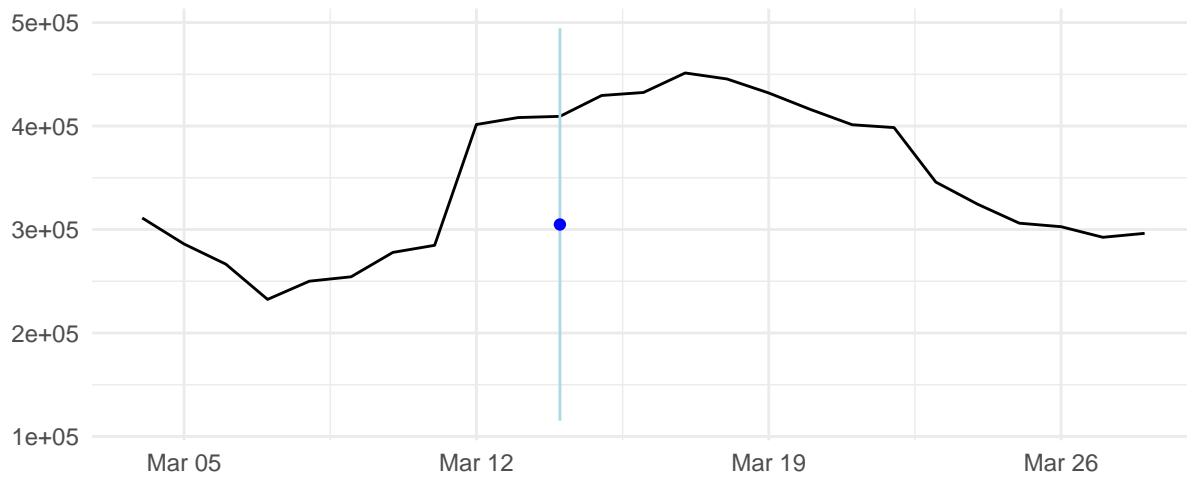
Request 1028, geometric RWF



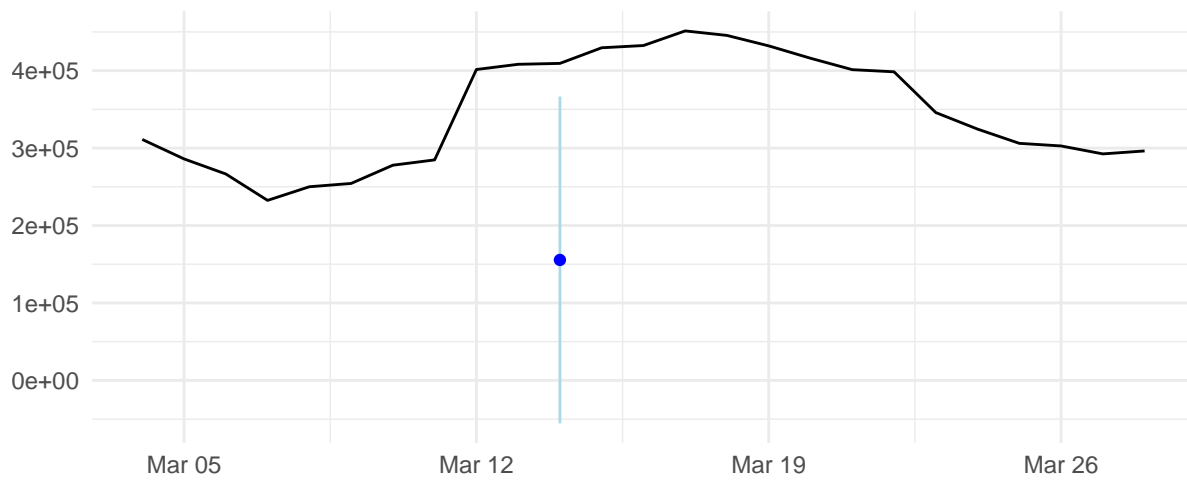
Request 1055

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

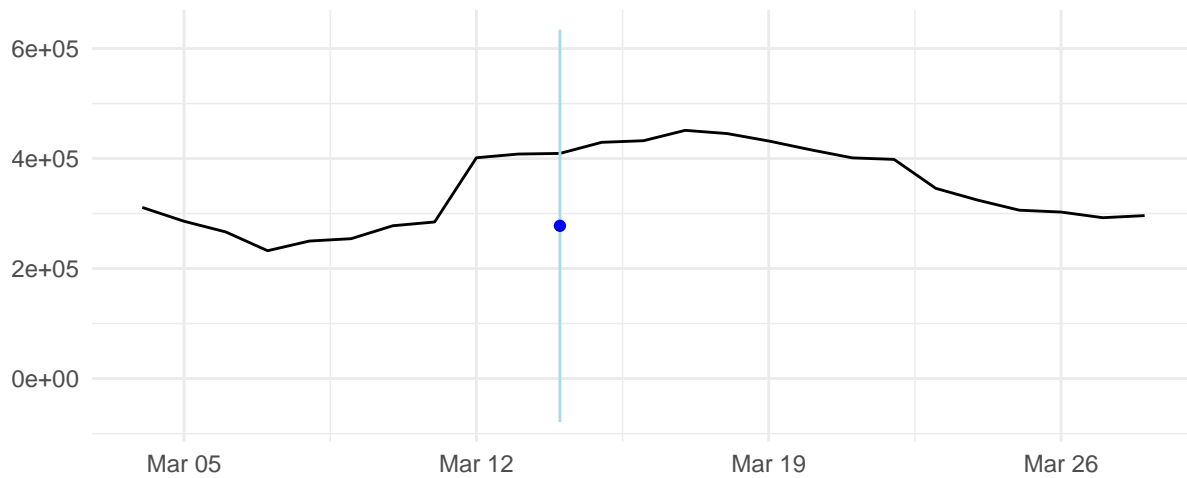
Request 1055, ARIMA



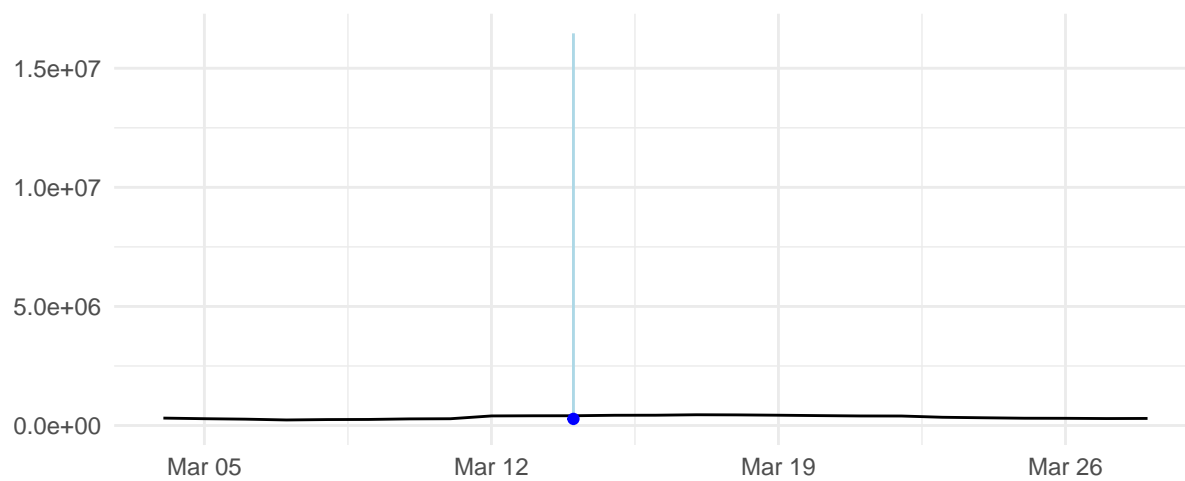
Request 1055, ETS



Request 1055, RWF



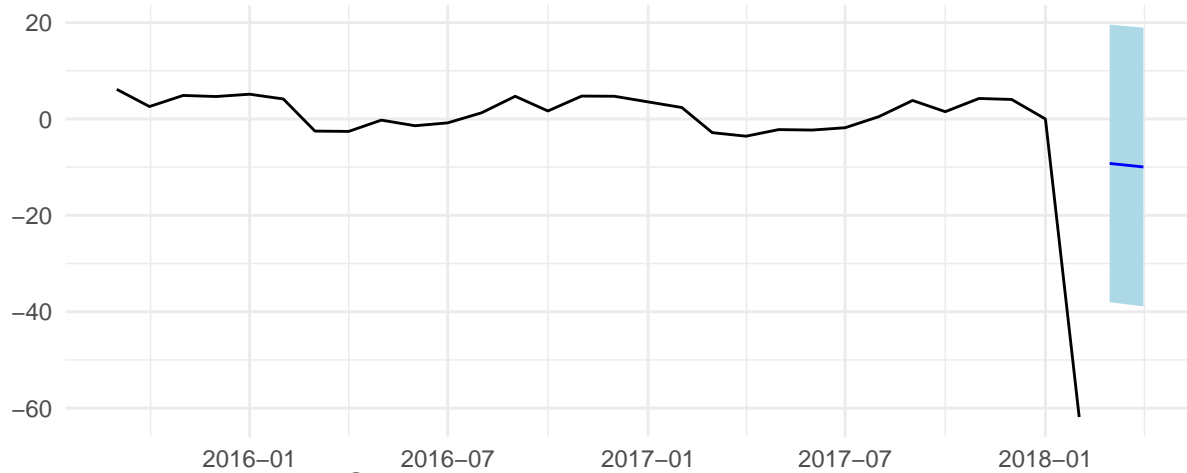
Request 1055, geometric RWF



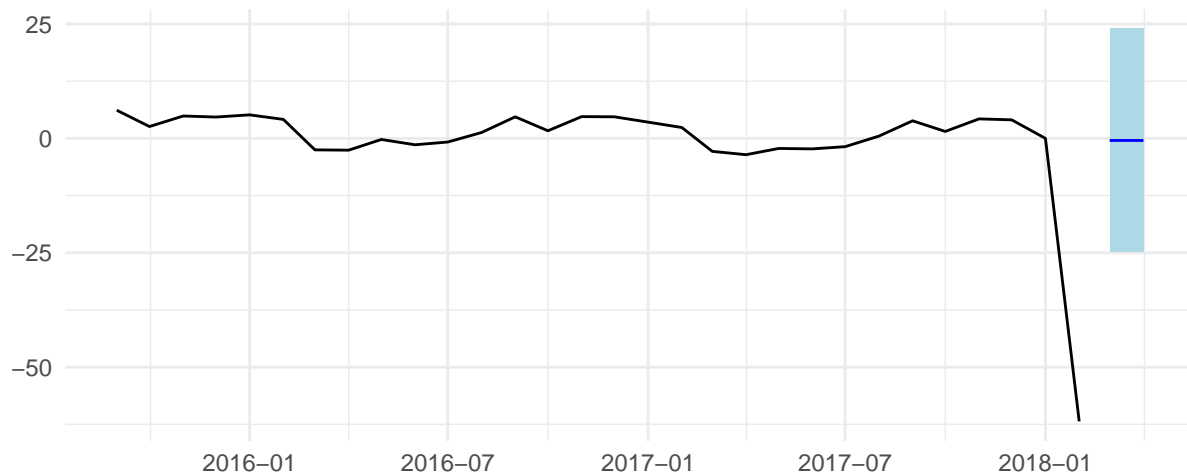
Request 1145

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

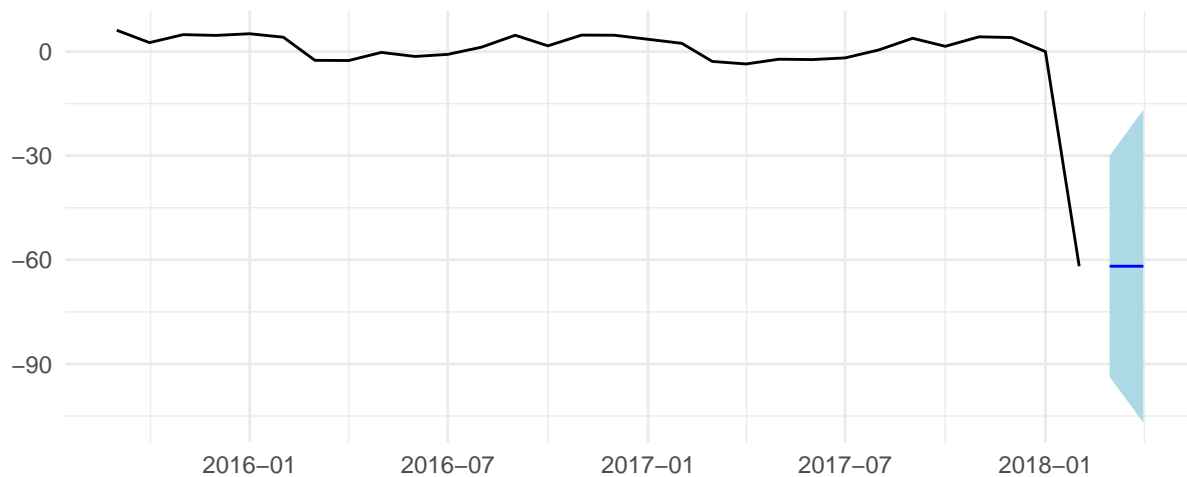
Request 1145, ARIMA



Request 1145, ETS

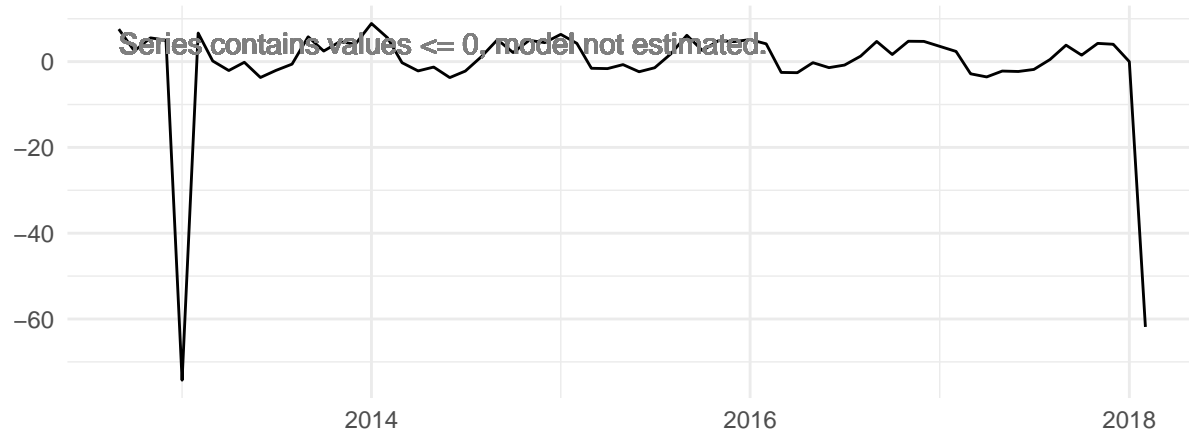


Request 1145, RWF



Request 1145

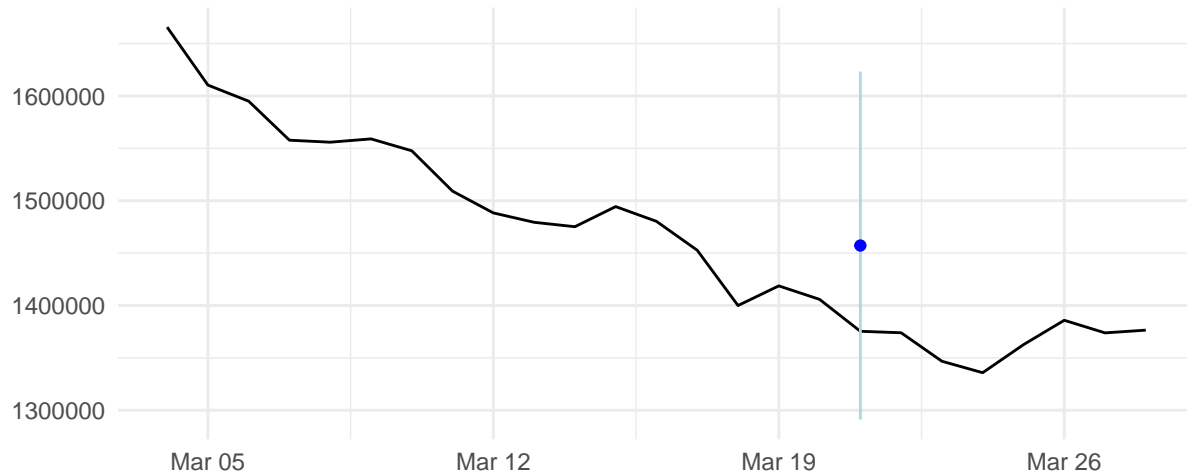
What will be the monthly Period-over-Period change in the consumer price index (CPI) for Malaw



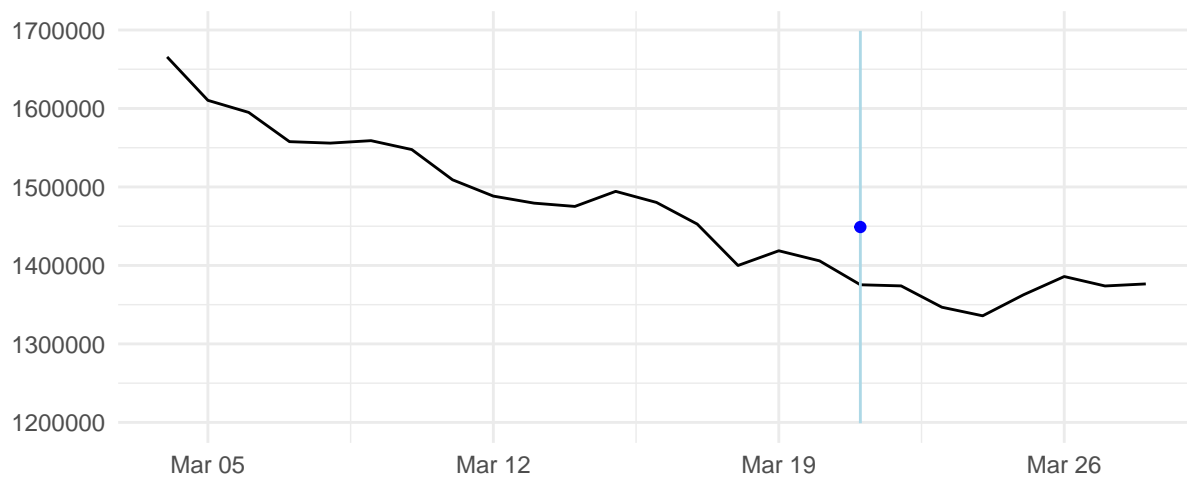
Request 1208

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

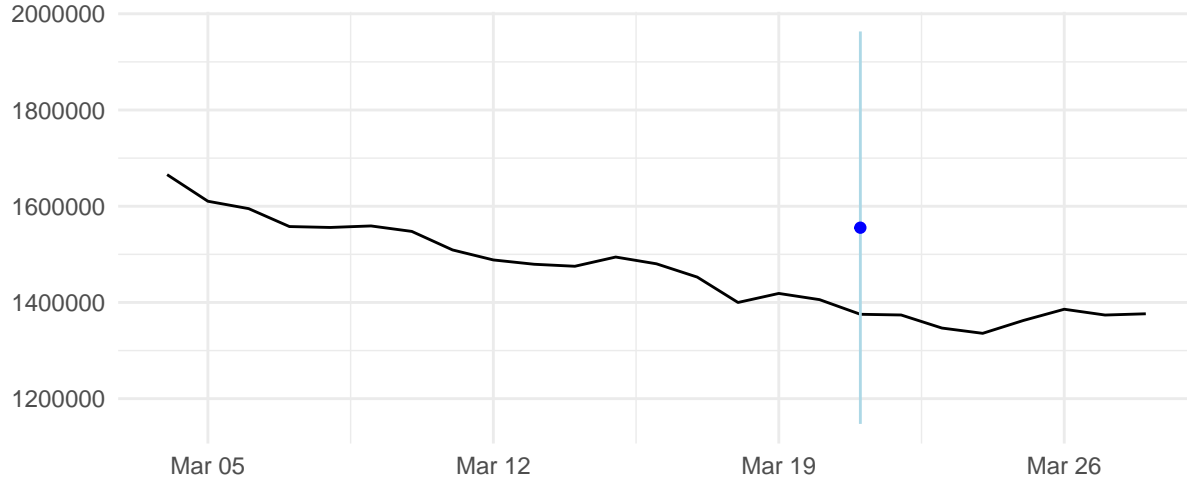
Request 1208, ARIMA



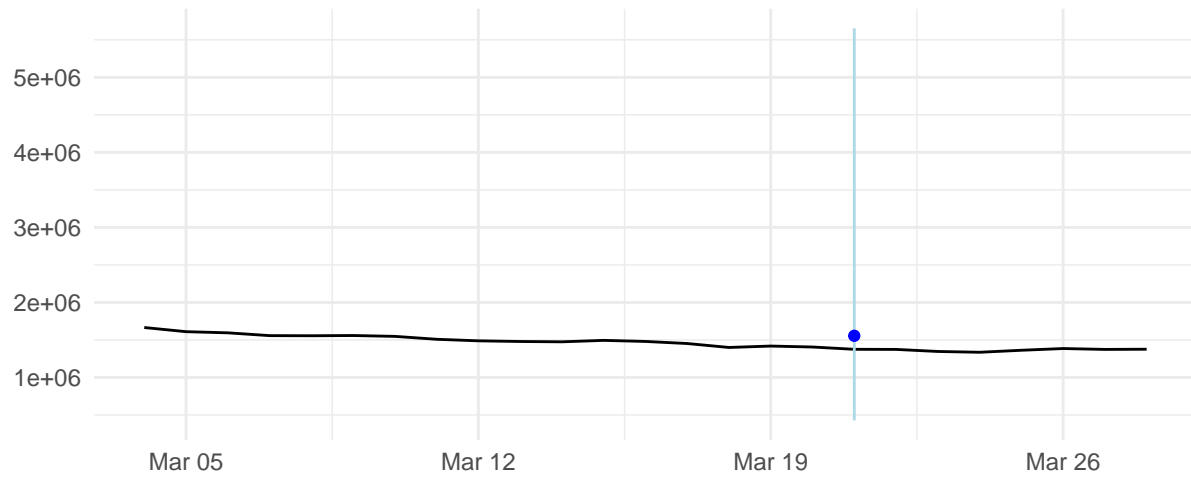
Request 1208, ETS



Request 1208, RWF



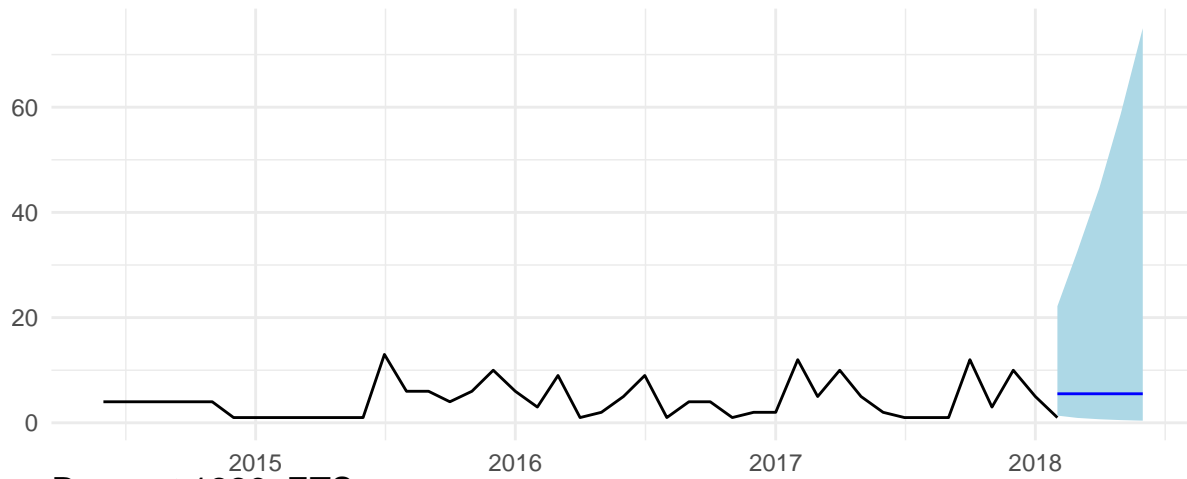
Request 1208, geometric RWF



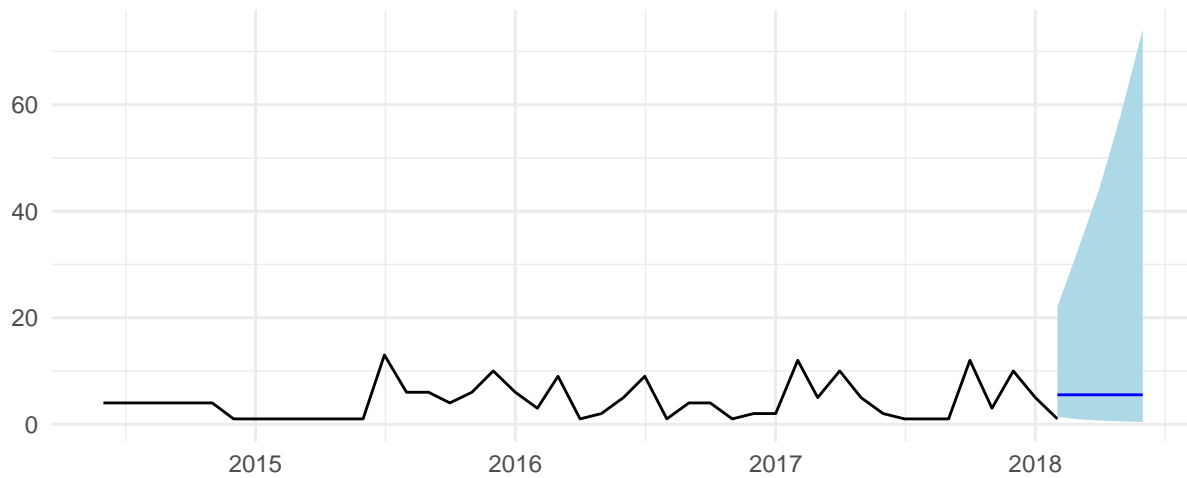
Request 1226

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

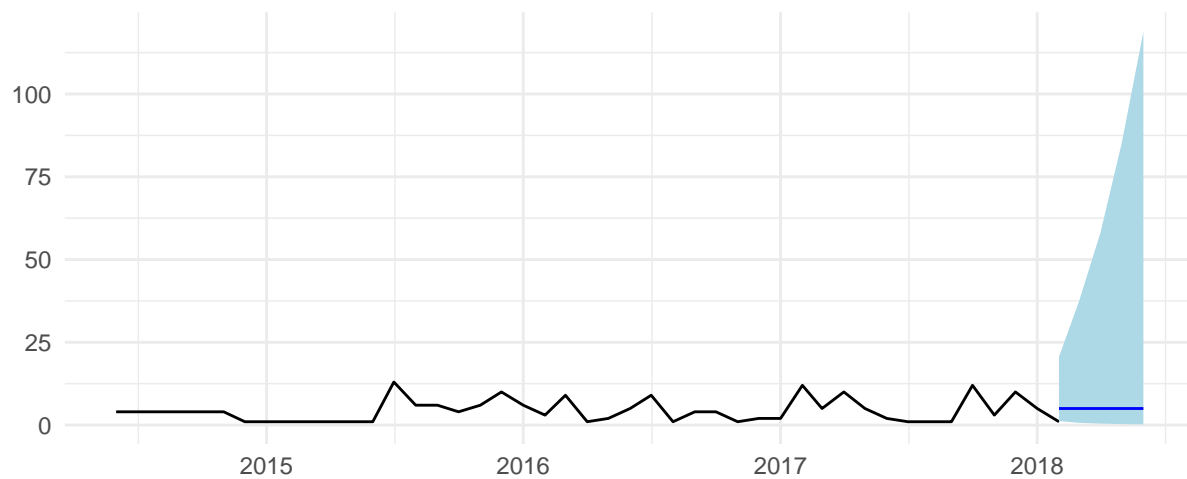
Request 1226, ARIMA



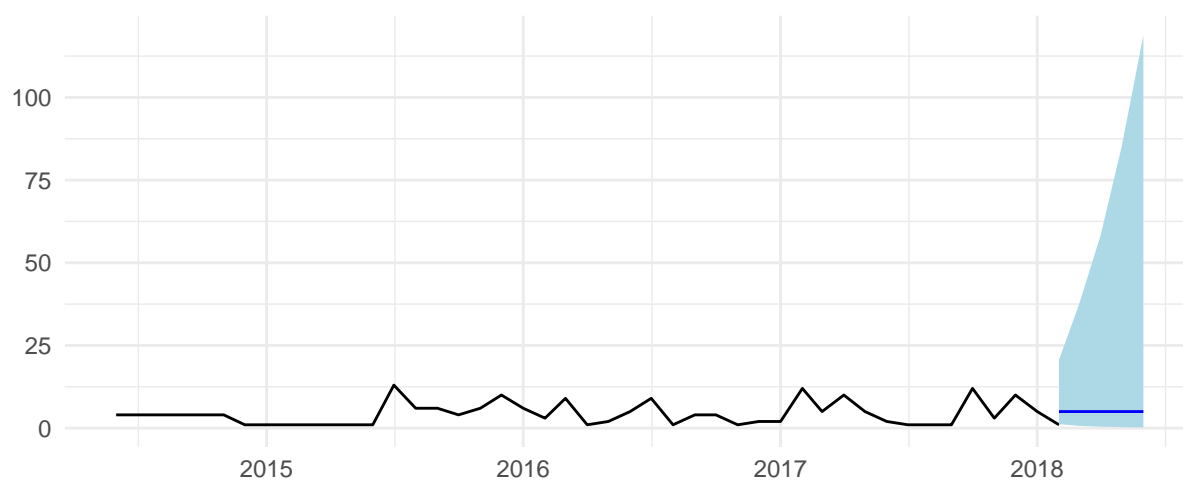
Request 1226, ETS



Request 1226, RWF



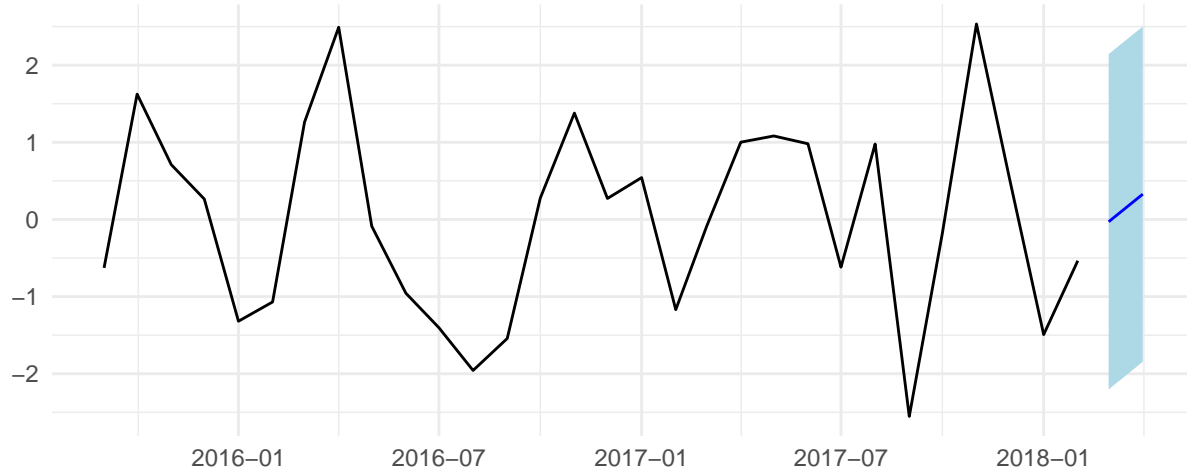
Request 1226, geometric RWF



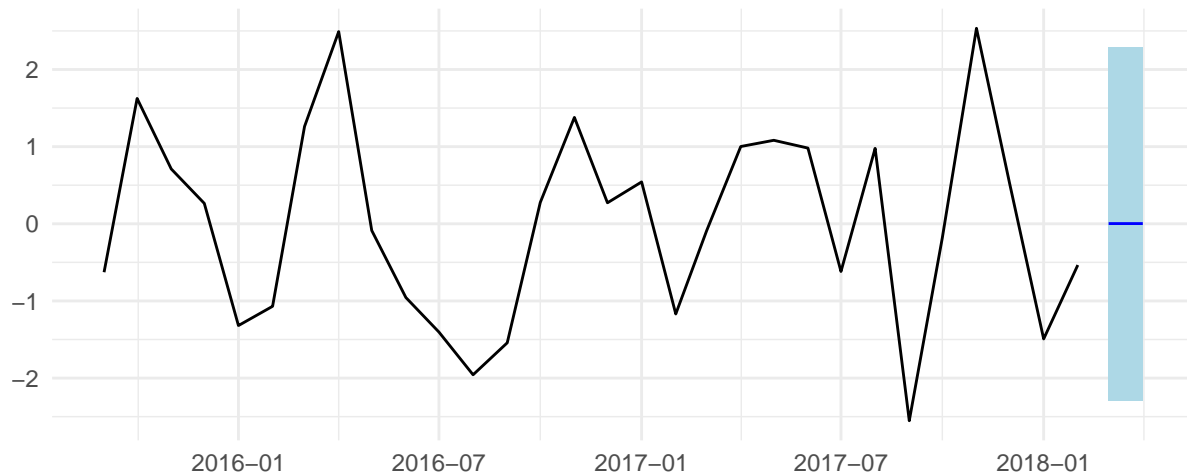
Request 1235

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

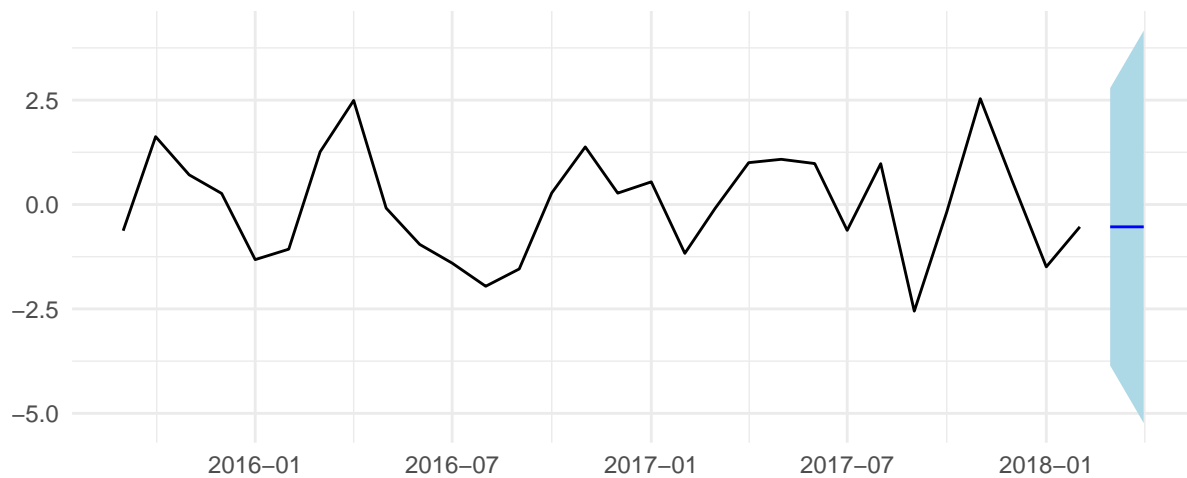
Request 1235, ARIMA



Request 1235, ETS

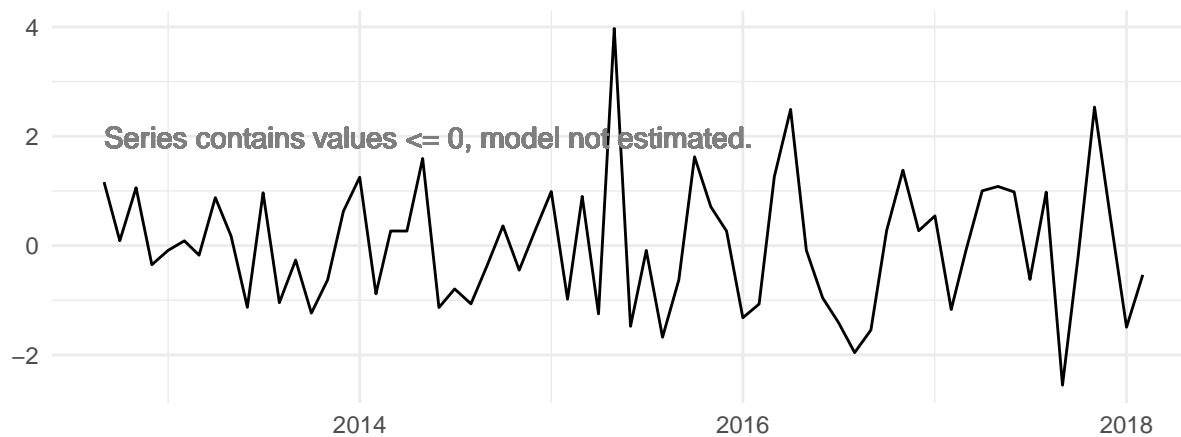


Request 1235, RWF



Request 1235

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

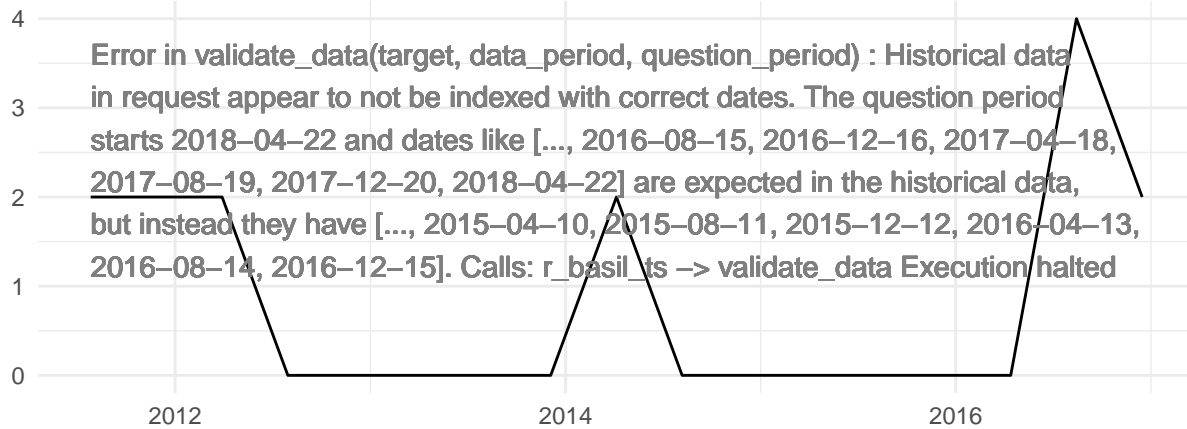


Request 1271

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



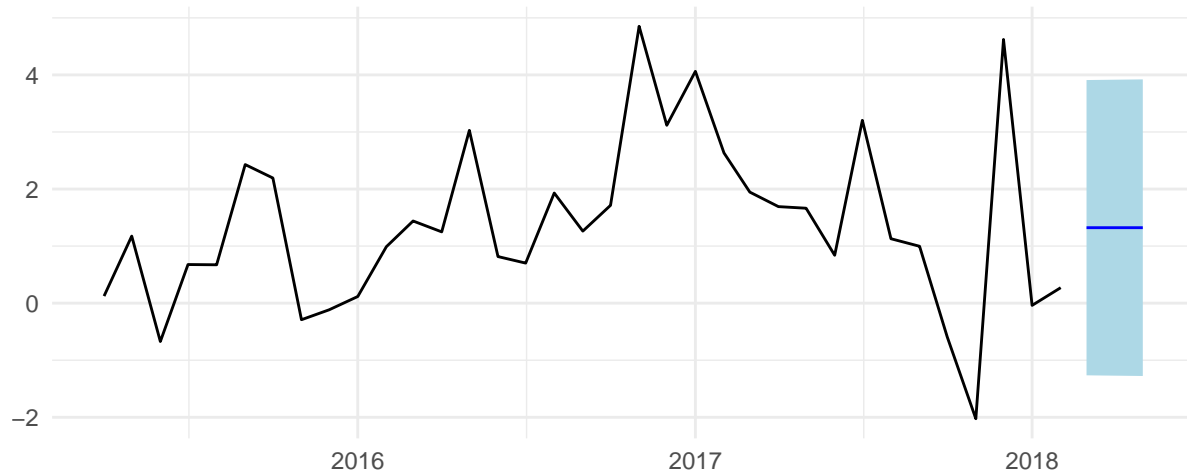
Request 1406

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

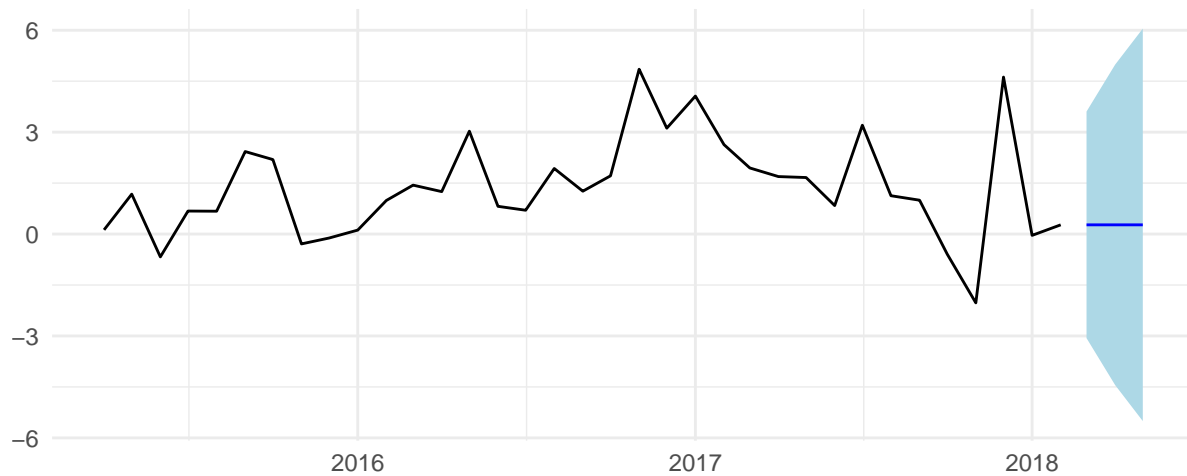
Request 1406, ARIMA



Request 1406, ETS

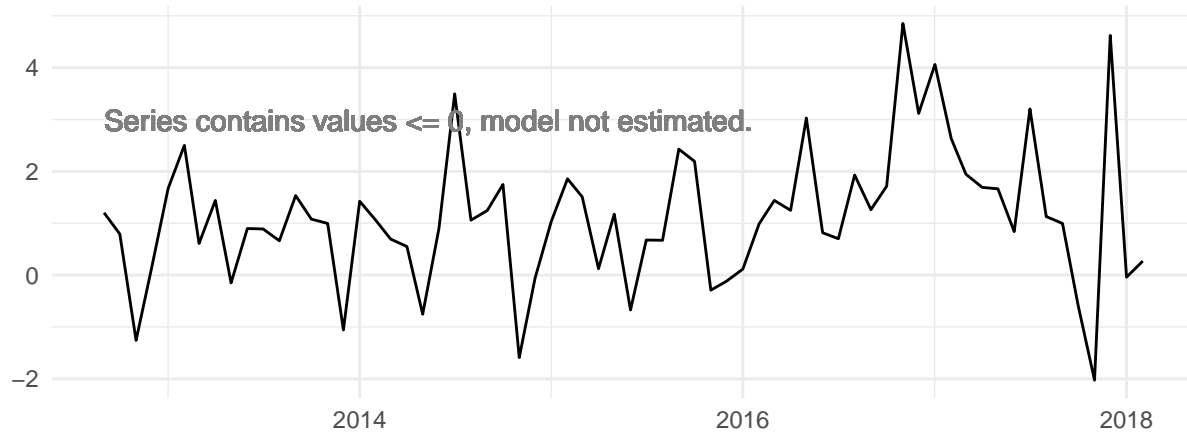


Request 1406, RWF



Request 1406

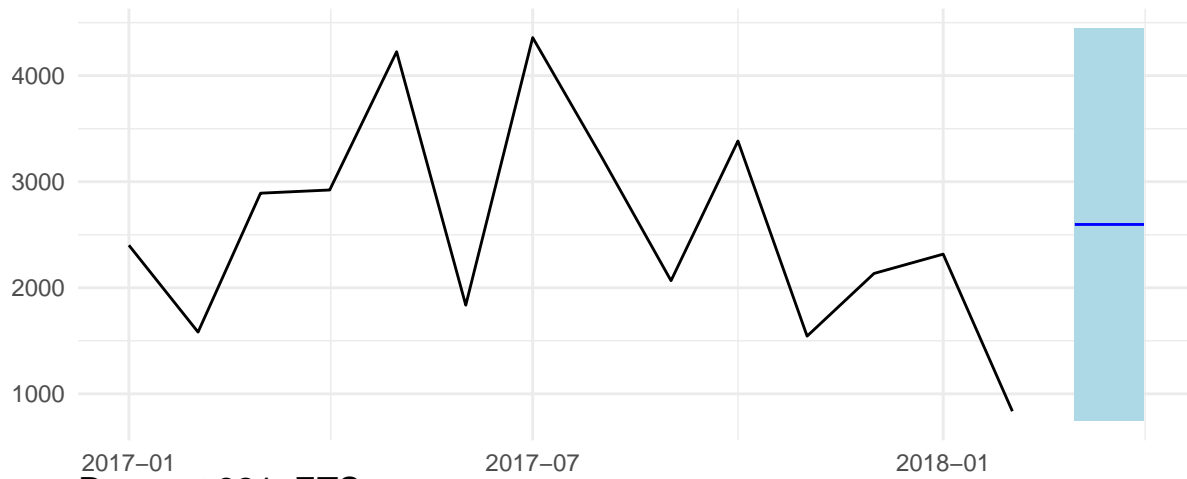
What will be the monthly period-over-period change in the consumer price index (CPI) for Egypt in



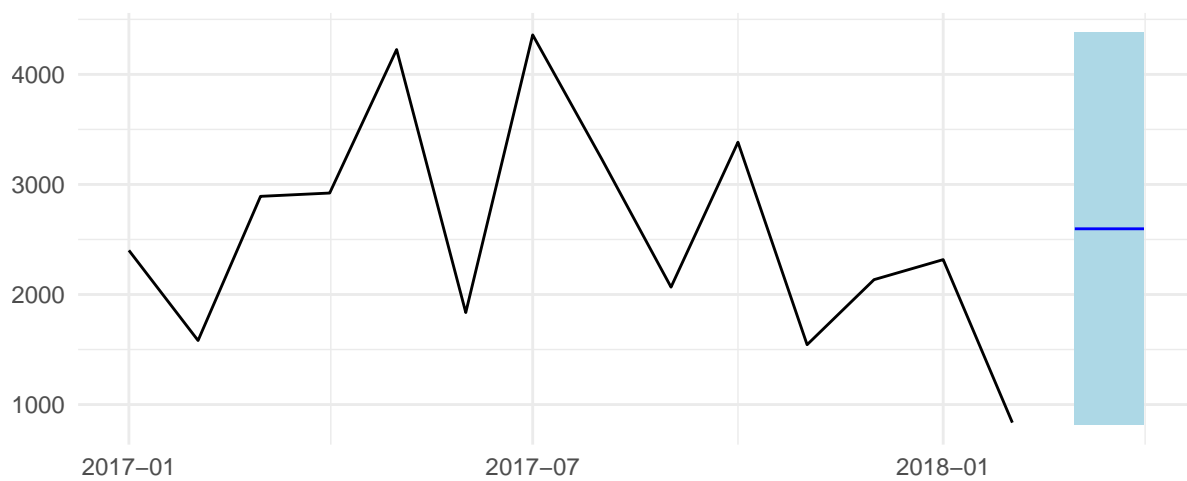
Request 821

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

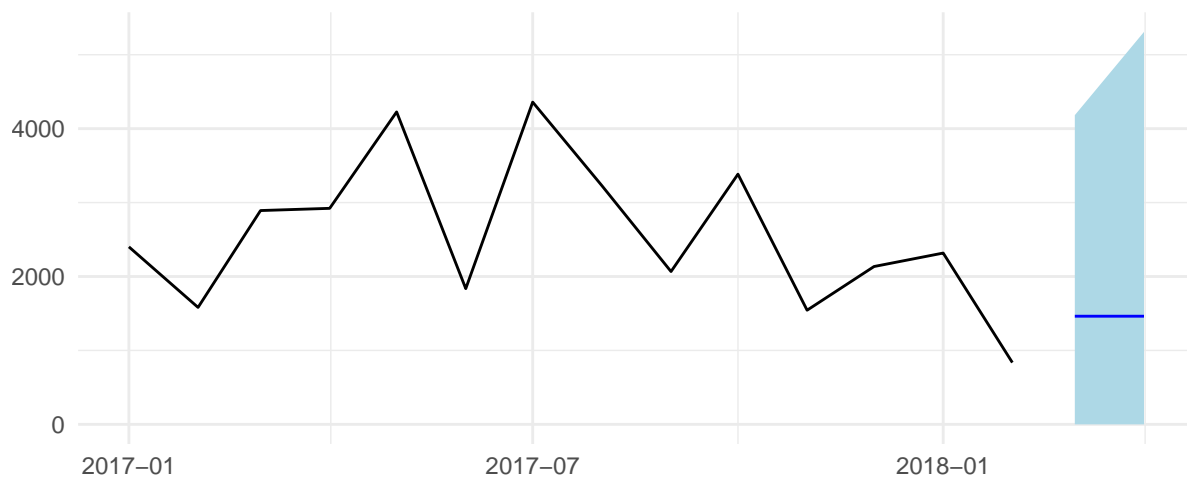
Request 821, ARIMA



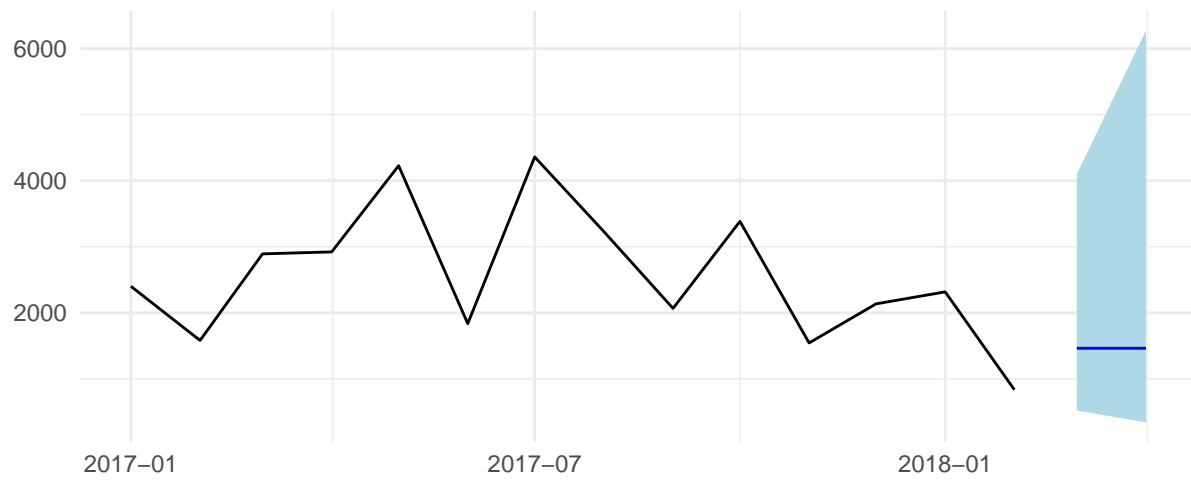
Request 821, ETS



Request 821, RWF



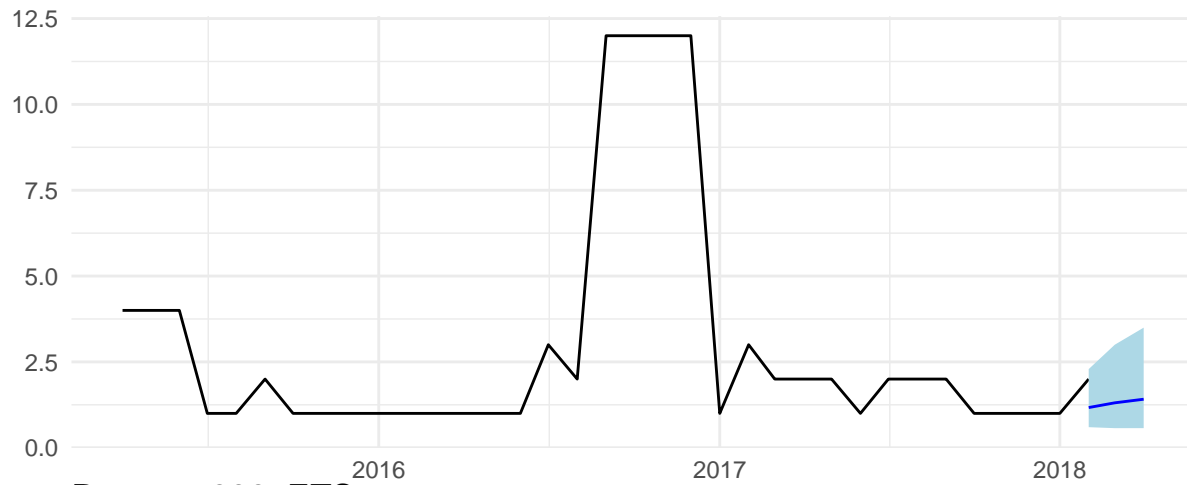
Request 821, geometric RWF



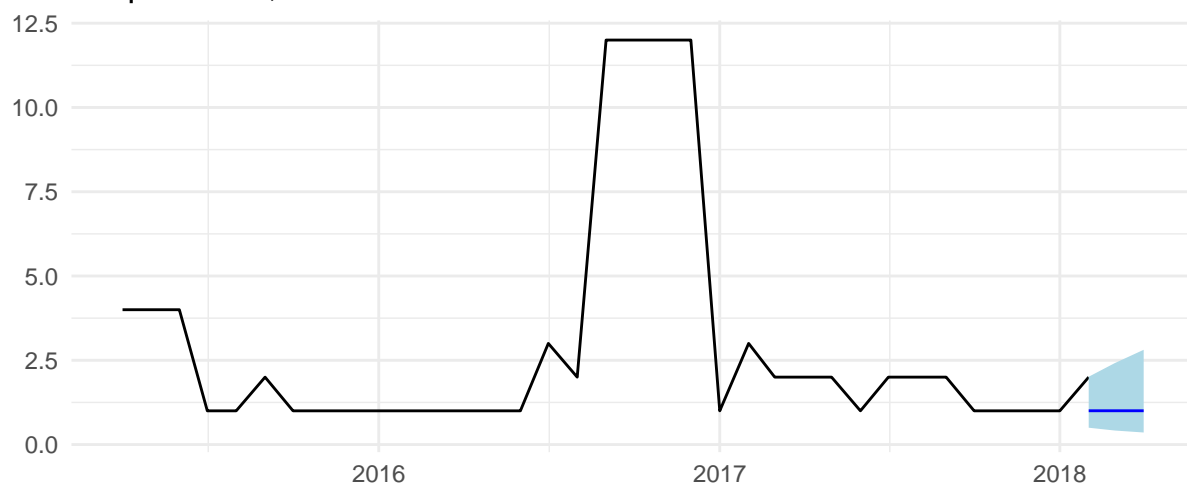
Request 839

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

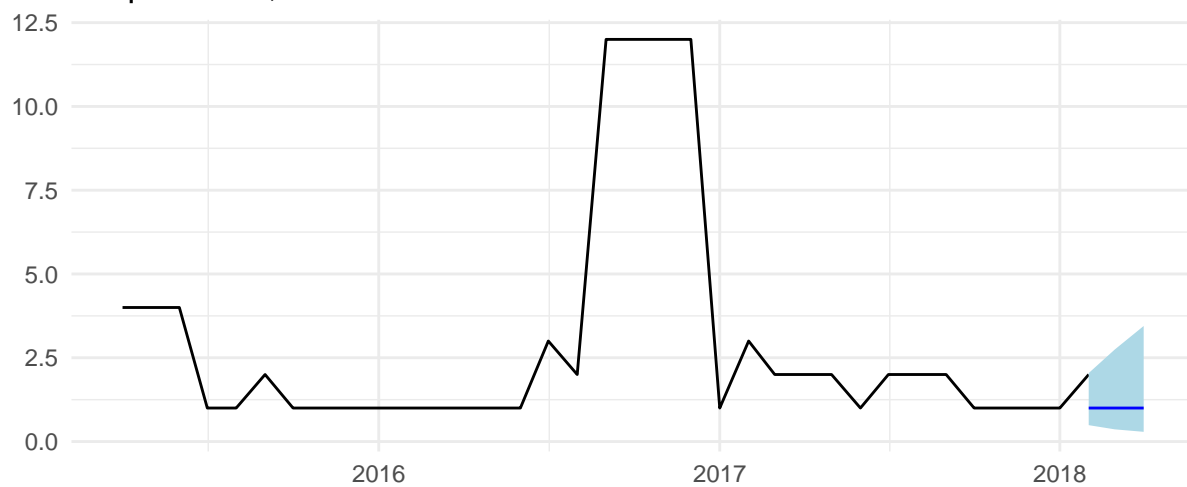
Request 839, ARIMA

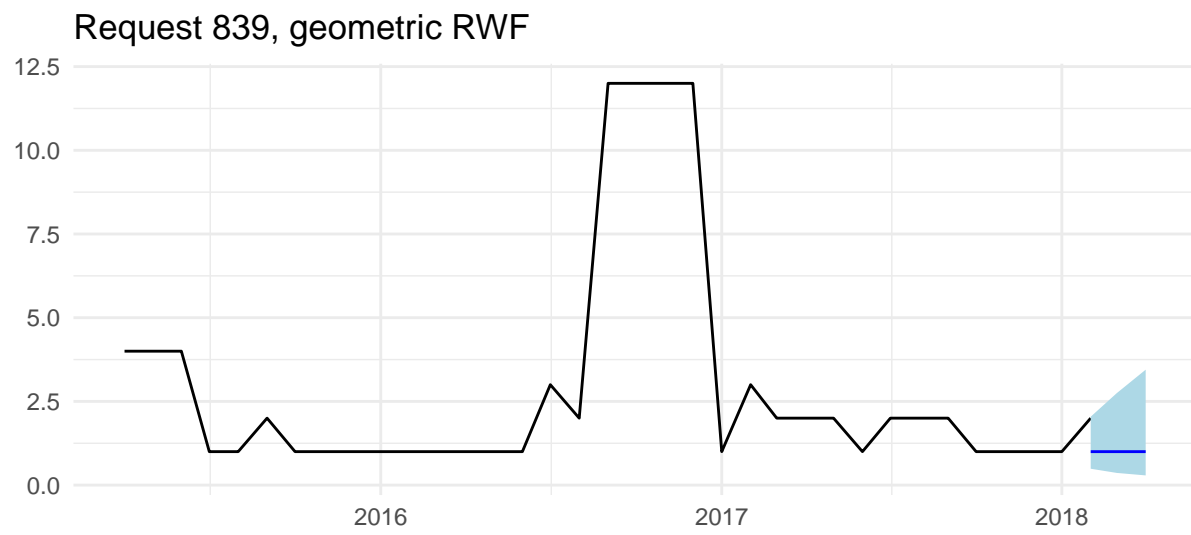


Request 839, ETS



Request 839, RWF

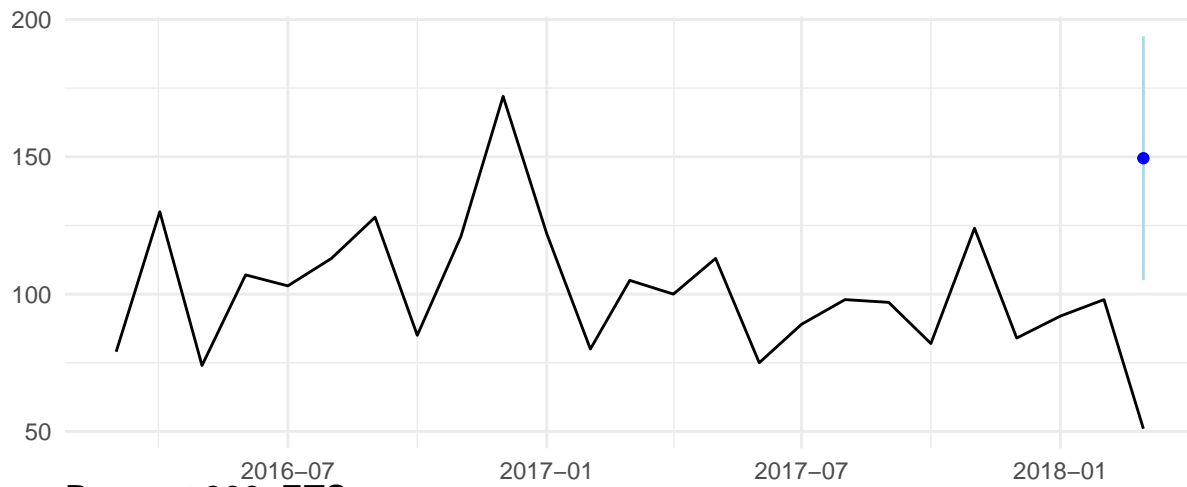




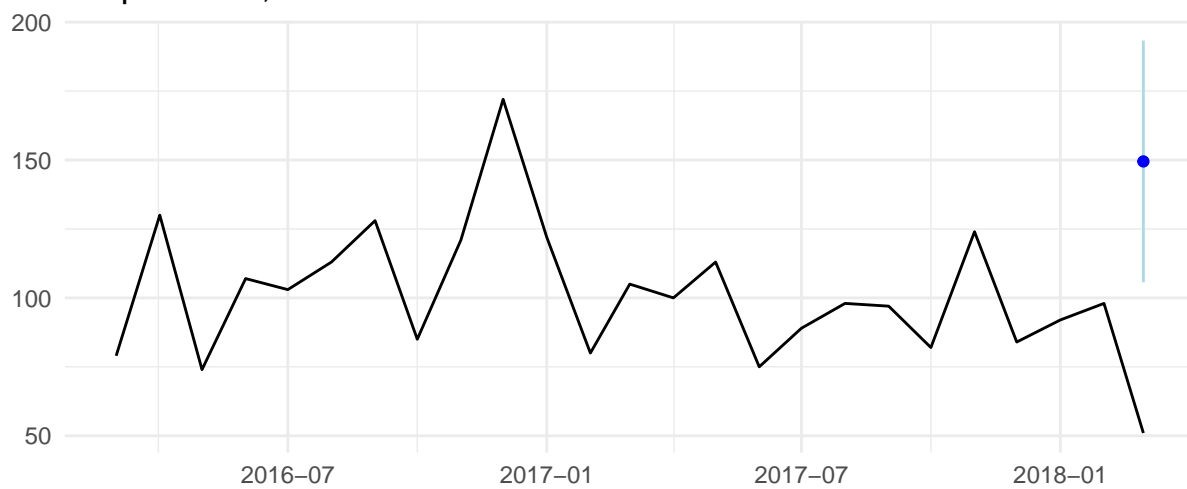
Request 866

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

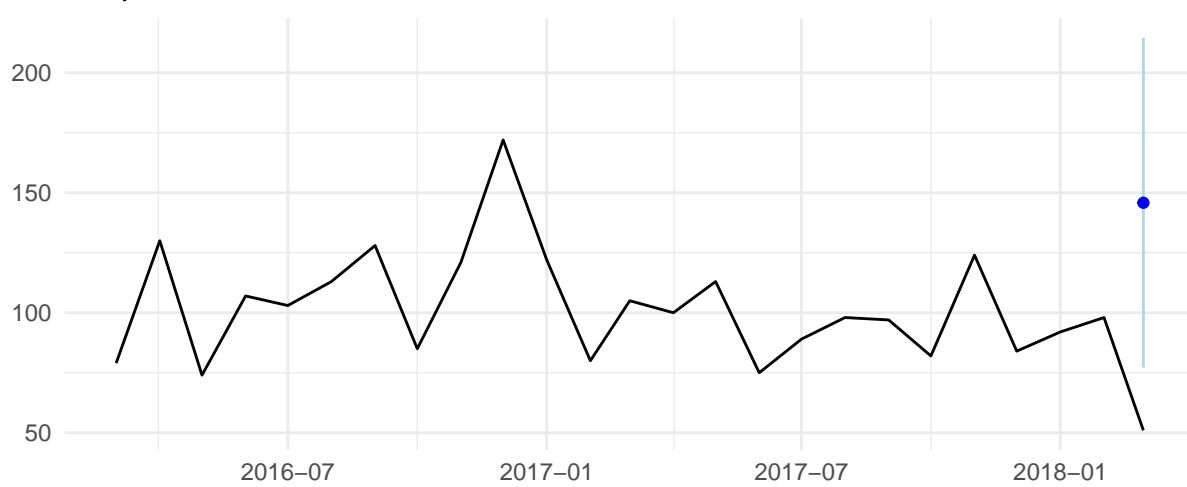
Request 866, ARIMA



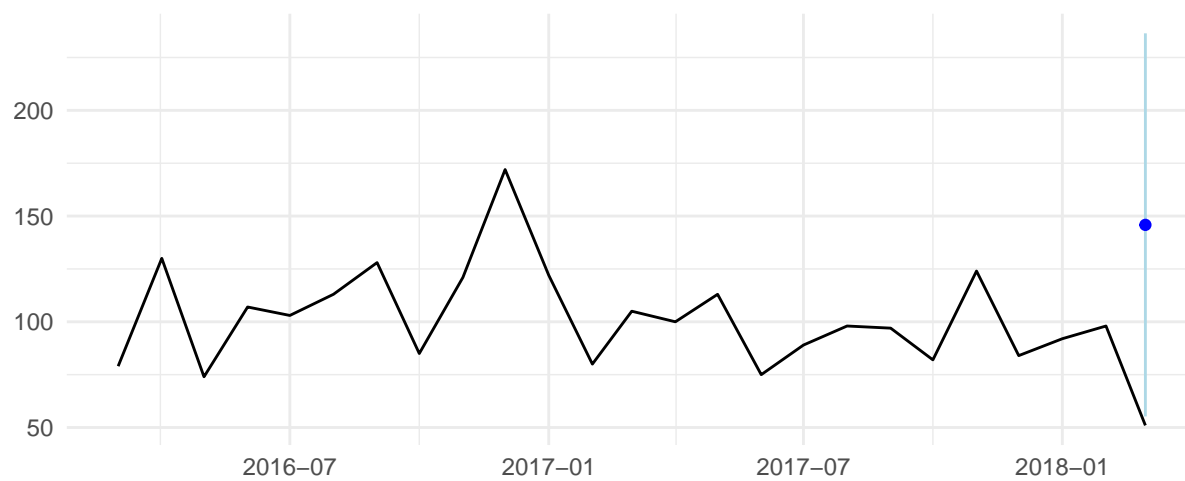
Request 866, ETS



Request 866, RWF



Request 866, geometric RWF



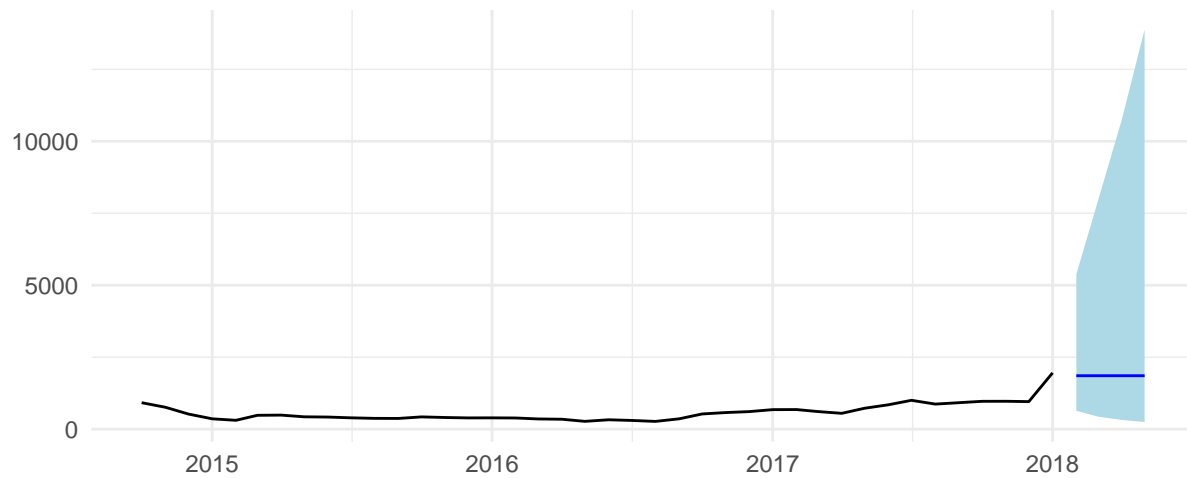
Request 929

How much crude oil will Libya produce in May 2018?

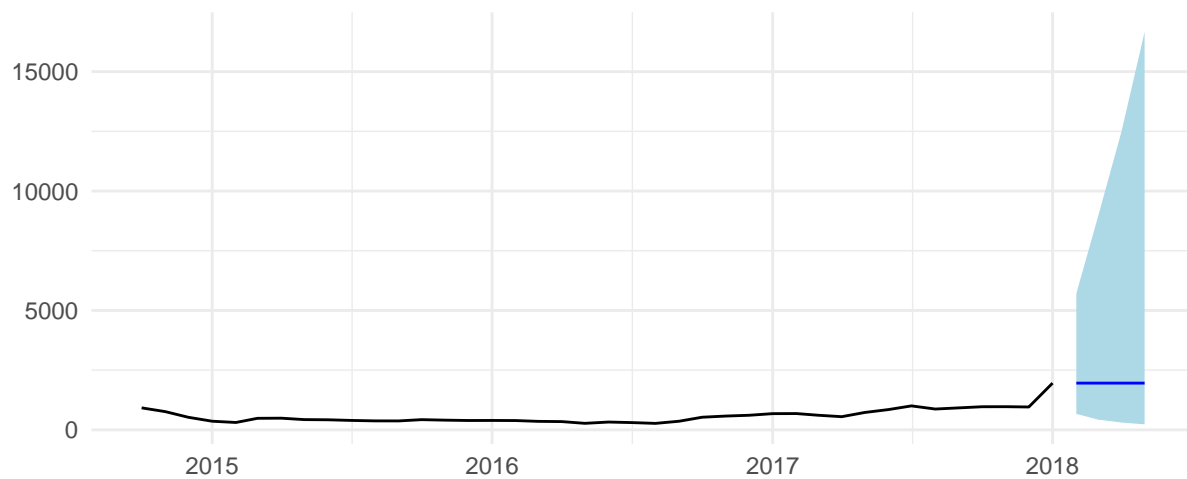
Request 929, ARIMA



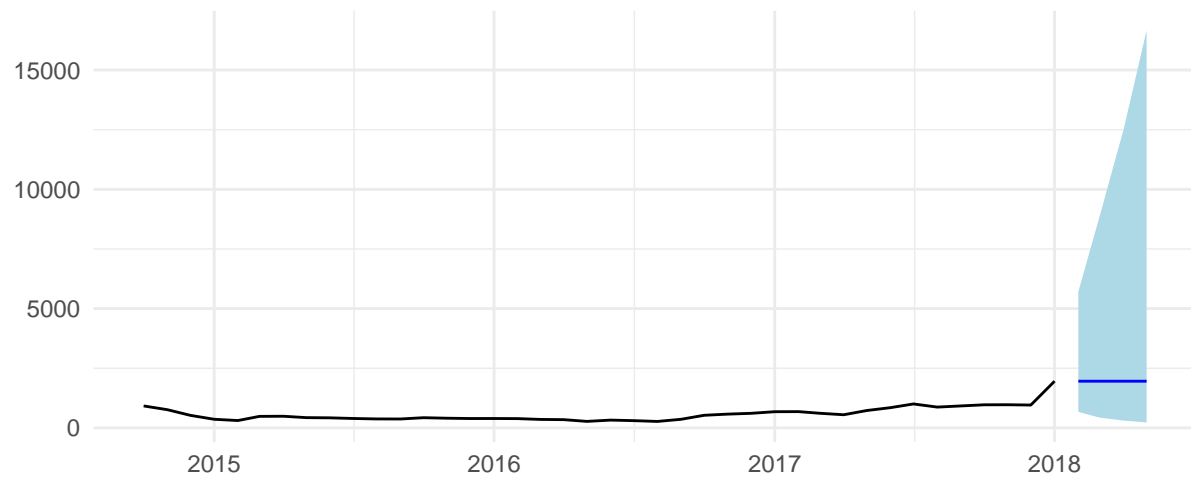
Request 929, ETS



Request 929, RWF



Request 929, geometric RWF



Request 938

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

Request 938

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