

# TEMPERATURE MODELS

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2024-01-29

```
knitr::opts_chunk$set(echo = TRUE)
```

!!!!!!!!!!!!!!!!!!!! LOADING THE PACKAGES !!!!!!!!!!!!!!!!!!!!!

```
library("tidyr")
library("MMWRweek")
library("data.table")
library("caret")
```

```
## Loading required package: ggplot2
```

```
## Loading required package: lattice
```

```
library("purrr")
```

```
##
## Attaching package: 'purrr'
```

```
## The following object is masked from 'package:caret':
##
## lift
```

```
## The following object is masked from 'package:data.table':
##
## transpose
```

```
library("dplyr")
```

```
##
## Attaching package: 'dplyr'
```

```
## The following objects are masked from 'package:data.table':
##
## between, first, last
```

```
## The following objects are masked from 'package:stats':
##
## filter, lag
```

```
## The following objects are masked from 'package:base':
##
## intersect, setdiff, setequal, union
```

```
library("tseries")
```

```
## Registered S3 method overwritten by 'quantmod':
## method from
## as.zoo.data.frame zoo
```

```
library("gtools")
library("forecast")
library("scoringutils")
```

```
## Note: scoringutils is currently undergoing major development changes (with an update planned for the
```

```
library("covidHubUtils")
library("parallel")
library("future")#https://cran.r-project.org/web/packages/future/vignettes/future-4-issues.html
```

```
##
## Attaching package: 'future'
```

```
## The following object is masked from 'package:tseries':
##
## value
```

```
## The following object is masked from 'package:caret':
##
## cluster
```

```
library("listenv")
```

```
##
## Attaching package: 'listenv'
```

```
## The following object is masked from 'package:purrr':
##
## map
```

```
library("epitools")
```

```
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! LOADING DATASET AND FUNCTIONS !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

```
#####
# LOADING AND CLEANING THE DATASET #
#####
source("LAG_TEMPERATURE.r", local = TRUE, chdir = TRUE)
temperature_data = read.csv("temperature_data.csv")
```

```

temperature_data <- temperature_data %>% select(-Dates)

my_data = read.csv("ILINet.csv")
state_codes<-read.csv("State_Codes.csv")

list_of_states <- combining_states_data(my_data, state_codes) %>%
  setNames(state_codes$location_name)%>%
  .[c(-48,-49,-50,-51,-52,-53)]

```

## EXAMPLE FOR A SINGLE STATE

```

one_state<-list(list_of_states[['Alabama']])

single_state_example <- mclapply(one_state, ES_TEMPERATURE, auto=TRUE, n_weeks_ahead=1,temperature_data=

## [1] 296.5003 296.5003 296.5003 296.5003
##
## Regression with ARIMA(2,0,2) errors : 90.08699
## Regression with ARIMA(0,0,0) errors : 128.7559
## Regression with ARIMA(1,0,0) errors : 93.46194
## Regression with ARIMA(0,0,1) errors : 111.6953
## Regression with ARIMA(0,0,0) errors : 280.2178
## Regression with ARIMA(1,0,2) errors : 88.56038
## Regression with ARIMA(0,0,2) errors : 105.8509
## Regression with ARIMA(1,0,1) errors : 86.91909
## Regression with ARIMA(2,0,1) errors : 88.5641
## Regression with ARIMA(2,0,0) errors : 86.34583
## Regression with ARIMA(3,0,0) errors : 88.58053
## Regression with ARIMA(3,0,1) errors : Inf
## Regression with ARIMA(2,0,0) errors : 94.2193
##
## Best model: Regression with ARIMA(2,0,0) errors
##
## [1] 293.5777 293.5777 293.5777 293.5777
##
## Regression with ARIMA(2,0,2) errors : 90.14411
## Regression with ARIMA(0,0,0) errors : 129.2568
## Regression with ARIMA(1,0,0) errors : 93.7073
## Regression with ARIMA(0,0,1) errors : 112.3649
## Regression with ARIMA(0,0,0) errors : 280.1535
## Regression with ARIMA(1,0,2) errors : 88.6241
## Regression with ARIMA(0,0,2) errors : 106.3398
## Regression with ARIMA(1,0,1) errors : 86.99509
## Regression with ARIMA(2,0,1) errors : 88.62947
## Regression with ARIMA(2,0,0) errors : 86.41521
## Regression with ARIMA(3,0,0) errors : 88.64787
## Regression with ARIMA(3,0,1) errors : Inf
## Regression with ARIMA(2,0,0) errors : 94.29704
##
## Best model: Regression with ARIMA(2,0,0) errors
##
## [1] 292.0817 292.0817 292.0817 292.0817
##

```

```

## Regression with ARIMA(2,0,2) errors : 89.63398
## Regression with ARIMA(0,0,0) errors : 129.12
## Regression with ARIMA(1,0,0) errors : 93.57881
## Regression with ARIMA(0,0,1) errors : 112.3282
## Regression with ARIMA(0,0,0) errors : 280.084
## Regression with ARIMA(1,0,2) errors : 88.09872
## Regression with ARIMA(0,0,2) errors : 106.3137
## Regression with ARIMA(1,0,1) errors : 86.5187
## Regression with ARIMA(2,0,1) errors : 88.12153
## Regression with ARIMA(2,0,0) errors : 85.92907
## Regression with ARIMA(3,0,0) errors : 88.1479
## Regression with ARIMA(3,0,1) errors : 90.41221
## Regression with ARIMA(2,0,0) errors : 93.97468
##
## Best model: Regression with ARIMA(2,0,0) errors
##
## [1] 292.6325 292.6325 292.6325 292.6325
##
## Regression with ARIMA(2,0,2) errors : 89.22507
## Regression with ARIMA(0,0,0) errors : 129.2602
## Regression with ARIMA(1,0,0) errors : 93.3055
## Regression with ARIMA(0,0,1) errors : 112.4155
## Regression with ARIMA(0,0,0) errors : 280.0867
## Regression with ARIMA(1,0,2) errors : 87.63144
## Regression with ARIMA(0,0,2) errors : 106.4183
## Regression with ARIMA(1,0,1) errors : 86.10985
## Regression with ARIMA(2,0,1) errors : 87.65562
## Regression with ARIMA(2,0,0) errors : 85.45516
## Regression with ARIMA(3,0,0) errors : 87.67672
## Regression with ARIMA(3,0,1) errors : 89.66807
## Regression with ARIMA(2,0,0) errors : 93.45766
##
## Best model: Regression with ARIMA(2,0,0) errors
##
## [1] 292.2276 292.2276 292.2276 292.2276
##
## Regression with ARIMA(2,0,2) errors : 89.13612
## Regression with ARIMA(0,0,0) errors : 128.7962
## Regression with ARIMA(1,0,0) errors : 93.20749
## Regression with ARIMA(0,0,1) errors : 112.2983
## Regression with ARIMA(0,0,0) errors : 280.09
## Regression with ARIMA(1,0,2) errors : 87.57048
## Regression with ARIMA(0,0,2) errors : 106.3608
## Regression with ARIMA(1,0,1) errors : 86.04227
## Regression with ARIMA(2,0,1) errors : 87.58072
## Regression with ARIMA(2,0,0) errors : 85.36837
## Regression with ARIMA(3,0,0) errors : 87.59783
## Regression with ARIMA(3,0,1) errors : 89.56253
## Regression with ARIMA(2,0,0) errors : 93.01754
##
## Best model: Regression with ARIMA(2,0,0) errors
##
## [1] 288.2399 288.2399 288.2399 288.2399
##

```

```

## Regression with ARIMA(2,0,2) errors : 89.21057
## Regression with ARIMA(0,0,0) errors : 128.1167
## Regression with ARIMA(1,0,0) errors : 93.28792
## Regression with ARIMA(0,0,1) errors : 111.2482
## Regression with ARIMA(0,0,0) errors : 279.9815
## Regression with ARIMA(1,0,2) errors : 87.65936
## Regression with ARIMA(0,0,2) errors : 105.4364
## Regression with ARIMA(1,0,1) errors : 86.15434
## Regression with ARIMA(2,0,1) errors : 87.69141
## Regression with ARIMA(2,0,0) errors : 85.48459
## Regression with ARIMA(3,0,0) errors : 87.71011
## Regression with ARIMA(3,0,1) errors : Inf
## Regression with ARIMA(2,0,0) errors : 93.3547
##
## Best model: Regression with ARIMA(2,0,0) errors
##
## [1] 286.1768 286.1768 286.1768 286.1768
##
## Regression with ARIMA(2,0,2) errors : 90.20559
## Regression with ARIMA(0,0,0) errors : 128.0009
## Regression with ARIMA(1,0,0) errors : 93.81217
## Regression with ARIMA(0,0,1) errors : 111.1513
## Regression with ARIMA(0,0,0) errors : 280.0644
## Regression with ARIMA(1,0,2) errors : 88.62304
## Regression with ARIMA(0,0,2) errors : 105.4483
## Regression with ARIMA(1,0,1) errors : 87.01197
## Regression with ARIMA(2,0,1) errors : 88.64222
## Regression with ARIMA(2,0,0) errors : 86.43407
## Regression with ARIMA(3,0,0) errors : 88.66195
## Regression with ARIMA(3,0,1) errors : Inf
## Regression with ARIMA(2,0,0) errors : 94.98883
##
## Best model: Regression with ARIMA(2,0,0) errors
##
## [1] 284.0727 284.0727 284.0727 284.0727
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 128.2223
## Regression with ARIMA(1,0,0) errors : 94.3392
## Regression with ARIMA(0,0,1) errors : 111.4274
## Regression with ARIMA(0,0,0) errors : 280.9363
## Regression with ARIMA(2,0,0) errors : 86.94061
## Regression with ARIMA(3,0,0) errors : 89.12319
## Regression with ARIMA(2,0,1) errors : 89.07803
## Regression with ARIMA(1,0,1) errors : 87.34777
## Regression with ARIMA(3,0,1) errors : Inf
## Regression with ARIMA(2,0,0) errors : 95.80674
##
## Best model: Regression with ARIMA(2,0,0) errors
##
## [1] 286.6704 286.6704 286.6704 286.6704
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 128.8958

```

```

## Regression with ARIMA(1,0,0) errors : 95.02543
## Regression with ARIMA(0,0,1) errors : 112.0917
## Regression with ARIMA(0,0,0) errors : 282.5007
## Regression with ARIMA(2,0,0) errors : 86.84296
## Regression with ARIMA(3,0,0) errors : 89.04192
## Regression with ARIMA(2,0,1) errors : 89.01173
## Regression with ARIMA(1,0,1) errors : 87.48695
## Regression with ARIMA(3,0,1) errors : 91.11505
## Regression with ARIMA(2,0,0) errors : 96.25066
##
## Best model: Regression with ARIMA(2,0,0) errors
##
## [1] 285.9271 285.9271 285.9271 285.9271
##
## Regression with ARIMA(2,1,2) errors : 90.91064
## Regression with ARIMA(0,1,0) errors : 95.08947
## Regression with ARIMA(1,1,0) errors : 84.97445
## Regression with ARIMA(0,1,1) errors : 86.13333
## Regression with ARIMA(2,1,0) errors : 87.13995
## Regression with ARIMA(1,1,1) errors : 87.13985
## Regression with ARIMA(2,1,1) errors : 89.34829
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 290.604 290.604 290.604 290.604
##
## Regression with ARIMA(2,1,2) errors : 91.36552
## Regression with ARIMA(0,1,0) errors : 95.12365
## Regression with ARIMA(1,1,0) errors : 85.41345
## Regression with ARIMA(0,1,1) errors : 86.678
## Regression with ARIMA(2,1,0) errors : 87.57239
## Regression with ARIMA(1,1,1) errors : 87.56938
## Regression with ARIMA(2,1,1) errors : 89.32383
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 284.0657 284.0657 284.0657 284.0657
##
## Regression with ARIMA(2,1,2) errors : 91.36561
## Regression with ARIMA(0,1,0) errors : 95.13237
## Regression with ARIMA(1,1,0) errors : 85.40918
## Regression with ARIMA(0,1,1) errors : 86.74218
## Regression with ARIMA(2,1,0) errors : 87.56649
## Regression with ARIMA(1,1,1) errors : 87.56311
## Regression with ARIMA(2,1,1) errors : 89.36828
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 284.3268 284.3268 284.3268 284.3268
##
## Regression with ARIMA(2,1,2) errors : 91.91743
## Regression with ARIMA(0,1,0) errors : 95.37829
## Regression with ARIMA(1,1,0) errors : 85.88043
## Regression with ARIMA(0,1,1) errors : 87.18698

```

```

## Regression with ARIMA(2,1,0) errors : 88.02839
## Regression with ARIMA(1,1,1) errors : 88.01874
## Regression with ARIMA(2,1,1) errors : 89.96622
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 280.4896 280.4896 280.4896 280.4896
##
## Regression with ARIMA(2,1,2) errors : 93.32424
## Regression with ARIMA(0,1,0) errors : 96.3652
## Regression with ARIMA(1,1,0) errors : 87.37333
## Regression with ARIMA(0,1,1) errors : 88.61086
## Regression with ARIMA(2,1,0) errors : 89.50801
## Regression with ARIMA(1,1,1) errors : 89.49055
## Regression with ARIMA(2,1,1) errors : 91.23973
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 280.1003 280.1003 280.1003 280.1003
##
## Regression with ARIMA(2,1,2) errors : 92.41226
## Regression with ARIMA(0,1,0) errors : 96.01317
## Regression with ARIMA(1,1,0) errors : 86.4991
## Regression with ARIMA(0,1,1) errors : 87.88433
## Regression with ARIMA(2,1,0) errors : 88.61116
## Regression with ARIMA(1,1,1) errors : 88.58098
## Regression with ARIMA(2,1,1) errors : 90.48167
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 288.1759 288.1759 288.1759 288.1759
##
## Regression with ARIMA(2,1,2) errors : 92.84479
## Regression with ARIMA(0,1,0) errors : 96.43607
## Regression with ARIMA(1,1,0) errors : 86.90756
## Regression with ARIMA(0,1,1) errors : 88.49428
## Regression with ARIMA(2,1,0) errors : 88.97593
## Regression with ARIMA(1,1,1) errors : 88.92973
## Regression with ARIMA(2,1,1) errors : 90.7832
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 281.6827 281.6827 281.6827 281.6827
##
## Regression with ARIMA(2,1,2) errors : 93.49001
## Regression with ARIMA(0,1,0) errors : 96.57444
## Regression with ARIMA(1,1,0) errors : 87.48978
## Regression with ARIMA(0,1,1) errors : 88.86915
## Regression with ARIMA(2,1,0) errors : 89.60466
## Regression with ARIMA(1,1,1) errors : 89.58353
## Regression with ARIMA(2,1,1) errors : Inf
##
## Best model: Regression with ARIMA(1,1,0) errors
##

```

```

## [1] 282.7554 282.7554 282.7554 282.7554
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 96.54884
## Regression with ARIMA(1,1,0) errors : 87.58951
## Regression with ARIMA(0,1,1) errors : 89.03451
## Regression with ARIMA(2,1,0) errors : 89.67697
## Regression with ARIMA(1,1,1) errors : 89.64402
## Regression with ARIMA(2,1,1) errors : 91.62811
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 284.0559 284.0559 284.0559 284.0559
##
## Regression with ARIMA(2,1,2) errors : 93.58543
## Regression with ARIMA(0,1,0) errors : 96.64157
## Regression with ARIMA(1,1,0) errors : 87.53692
## Regression with ARIMA(0,1,1) errors : 88.91807
## Regression with ARIMA(2,1,0) errors : 89.64952
## Regression with ARIMA(1,1,1) errors : 89.62826
## Regression with ARIMA(2,1,1) errors : 91.66326
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 284.8662 284.8662 284.8662 284.8662
##
## Regression with ARIMA(2,1,2) errors : 93.00287
## Regression with ARIMA(0,1,0) errors : 96.38765
## Regression with ARIMA(1,1,0) errors : 86.66209
## Regression with ARIMA(0,1,1) errors : 87.97384
## Regression with ARIMA(2,1,0) errors : 88.80463
## Regression with ARIMA(1,1,1) errors : 88.79333
## Regression with ARIMA(2,1,1) errors : 90.93886
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 282.2871 282.2871 282.2871 282.2871
##
## Regression with ARIMA(2,1,2) errors : 91.50467
## Regression with ARIMA(0,1,0) errors : 95.4204
## Regression with ARIMA(1,1,0) errors : 85.29966
## Regression with ARIMA(0,1,1) errors : 86.67076
## Regression with ARIMA(2,1,0) errors : 87.44892
## Regression with ARIMA(1,1,1) errors : 87.44201
## Regression with ARIMA(2,1,1) errors : 89.54868
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 283.1722 283.1722 283.1722 283.1722
##
## Regression with ARIMA(2,1,2) errors : 90.65049
## Regression with ARIMA(0,1,0) errors : 95.09063
## Regression with ARIMA(1,1,0) errors : 84.31676
## Regression with ARIMA(0,1,1) errors : 85.66683

```



```

## Regression with ARIMA(2,1,0) errors : 86.47938
## Regression with ARIMA(1,1,1) errors : 86.47811
## Regression with ARIMA(2,1,1) errors : 88.63194
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 280.3711 280.3711 280.3711 280.3711
##
## Regression with ARIMA(2,1,2) errors : 88.47268
## Regression with ARIMA(0,1,0) errors : 93.87126
## Regression with ARIMA(1,1,0) errors : 82.47116
## Regression with ARIMA(0,1,1) errors : 83.66466
## Regression with ARIMA(2,1,0) errors : 84.6341
## Regression with ARIMA(1,1,1) errors : 84.63282
## Regression with ARIMA(2,1,1) errors : Inf
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 283.3515 283.3515 283.3515 283.3515
##
## Regression with ARIMA(2,1,2) errors : 88.0671
## Regression with ARIMA(0,1,0) errors : 93.70904
## Regression with ARIMA(1,1,0) errors : 82.12189
## Regression with ARIMA(0,1,1) errors : 83.22304
## Regression with ARIMA(2,1,0) errors : 84.27913
## Regression with ARIMA(1,1,1) errors : 84.27479
## Regression with ARIMA(2,1,1) errors : Inf
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 285.4183 285.4183 285.4183 285.4183
##
## Regression with ARIMA(2,1,2) errors : 87.90024
## Regression with ARIMA(0,1,0) errors : 93.59028
## Regression with ARIMA(1,1,0) errors : 81.92866
## Regression with ARIMA(0,1,1) errors : 83.02367
## Regression with ARIMA(2,1,0) errors : 84.08212
## Regression with ARIMA(1,1,1) errors : 84.07634
## Regression with ARIMA(2,1,1) errors : 86.27284
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 285.6205 285.6205 285.6205 285.6205
##
## Regression with ARIMA(2,1,2) errors : 90.23058
## Regression with ARIMA(0,1,0) errors : 96.19565
## Regression with ARIMA(1,1,0) errors : 84.21722
## Regression with ARIMA(0,1,1) errors : 85.28378
## Regression with ARIMA(2,1,0) errors : 86.35048
## Regression with ARIMA(1,1,1) errors : 86.33622
## Regression with ARIMA(2,1,1) errors : 88.52947
##
## Best model: Regression with ARIMA(1,1,0) errors
##

```

```

## [1] 283.4712 283.4712 283.4712 283.4712
##
## Regression with ARIMA(2,1,2) errors : 89.97974
## Regression with ARIMA(0,1,0) errors : 95.62419
## Regression with ARIMA(1,1,0) errors : 84.00334
## Regression with ARIMA(0,1,1) errors : 84.96825
## Regression with ARIMA(2,1,0) errors : 86.14579
## Regression with ARIMA(1,1,1) errors : 86.13422
## Regression with ARIMA(2,1,1) errors : 88.32577
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 287.2877 287.2877 287.2877 287.2877
##
## Regression with ARIMA(2,1,2) errors : 92.56483
## Regression with ARIMA(0,1,0) errors : 97.74449
## Regression with ARIMA(1,1,0) errors : 86.53422
## Regression with ARIMA(0,1,1) errors : 88.11425
## Regression with ARIMA(2,1,0) errors : 88.67643
## Regression with ARIMA(1,1,1) errors : 88.66393
## Regression with ARIMA(2,1,1) errors : Inf
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 292.2611 292.2611 292.2611 292.2611
##
## Regression with ARIMA(2,0,2) errors : 93.57245
## Regression with ARIMA(0,0,0) errors : 165.0248
## Regression with ARIMA(1,0,0) errors : 96.46932
## Regression with ARIMA(0,0,1) errors : 134.9209
## Regression with ARIMA(0,0,0) errors : 260.0301
## Regression with ARIMA(1,0,2) errors : 91.67662
## Regression with ARIMA(0,0,2) errors : 117.1495
## Regression with ARIMA(1,0,1) errors : 91.27286
## Regression with ARIMA(2,0,1) errors : 91.52531
## Regression with ARIMA(2,0,0) errors : 89.59906
## Regression with ARIMA(3,0,0) errors : 91.59894
## Regression with ARIMA(3,0,1) errors : 93.57127
## Regression with ARIMA(2,0,0) errors : 91.70682
##
## Best model: Regression with ARIMA(2,0,0) errors
##
## [1] 291.0323 291.0323 291.0323 291.0323
##
## Regression with ARIMA(2,0,2) errors : 95.78078
## Regression with ARIMA(0,0,0) errors : 172.1013
## Regression with ARIMA(1,0,0) errors : 98.88973
## Regression with ARIMA(0,0,1) errors : 140.6564
## Regression with ARIMA(0,0,0) errors : 262.8352
## Regression with ARIMA(1,0,2) errors : 94.07648
## Regression with ARIMA(0,0,2) errors : 119.9267
## Regression with ARIMA(1,0,1) errors : 93.98828
## Regression with ARIMA(2,0,1) errors : 93.7368
## Regression with ARIMA(2,0,0) errors : 92.10836

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## Regression with ARIMA(3,0,0) errors : 93.91677
## Regression with ARIMA(3,0,1) errors : 95.78059
## Regression with ARIMA(2,0,0) errors : 95.2816
##
## Best model: Regression with ARIMA(2,0,0) errors
##
## [1] 290.3766 290.3766 290.3766 290.3766
##
## Regression with ARIMA(2,0,2) errors : 96.02507
## Regression with ARIMA(0,0,0) errors : 179.0969
## Regression with ARIMA(1,0,0) errors : 99.02011
## Regression with ARIMA(0,0,1) errors : 144.6231
## Regression with ARIMA(0,0,0) errors : 265.0782
## Regression with ARIMA(1,0,2) errors : 94.21685
## Regression with ARIMA(0,0,2) errors : 123.0834
## Regression with ARIMA(1,0,1) errors : 94.19363
## Regression with ARIMA(2,0,1) errors : 93.9314
## Regression with ARIMA(2,0,0) errors : 92.30544
## Regression with ARIMA(3,0,0) errors : 94.08782
## Regression with ARIMA(3,0,1) errors : 96.01701
## Regression with ARIMA(2,0,0) errors : 95.37153
##
## Best model: Regression with ARIMA(2,0,0) errors
##
## [1] 290.435 290.435 290.435 290.435
##
## Regression with ARIMA(2,0,2) errors : 96.22225
## Regression with ARIMA(0,0,0) errors : 186.7803
## Regression with ARIMA(1,0,0) errors : 99.55627
## Regression with ARIMA(0,0,1) errors : 150.4244
## Regression with ARIMA(0,0,0) errors : 267.4695
## Regression with ARIMA(1,0,2) errors : 94.42932
## Regression with ARIMA(0,0,2) errors : 126.3981
## Regression with ARIMA(1,0,1) errors : 94.55352
## Regression with ARIMA(1,0,3) errors : 96.49105
## Regression with ARIMA(0,0,3) errors : 123.6087
## Regression with ARIMA(2,0,1) errors : 94.14638
## Regression with ARIMA(2,0,0) errors : 92.57208
## Regression with ARIMA(3,0,0) errors : 94.31452
## Regression with ARIMA(3,0,1) errors : 96.21076
## Regression with ARIMA(2,0,0) errors : 95.47117
##
## Best model: Regression with ARIMA(2,0,0) errors
##
## [1] 291.2384 291.2384 291.2384 291.2384
##
## Regression with ARIMA(2,0,2) errors : 98.73528
## Regression with ARIMA(0,0,0) errors : 197.0361
## Regression with ARIMA(1,0,0) errors : 101.7858
## Regression with ARIMA(0,0,1) errors : 157.3942
## Regression with ARIMA(0,0,0) errors : 271.4231
## Regression with ARIMA(1,0,2) errors : 96.61089
## Regression with ARIMA(0,0,2) errors : 131.9344
## Regression with ARIMA(1,0,1) errors : 96.75764

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## Regression with ARIMA(1,0,3) errors : 98.5214
## Regression with ARIMA(0,0,3) errors : 128.7985
## Regression with ARIMA(2,0,1) errors : 96.60633
## Regression with ARIMA(2,0,0) errors : 94.83351
## Regression with ARIMA(3,0,0) errors : 96.67544
## Regression with ARIMA(3,0,1) errors : 98.70979
## Regression with ARIMA(2,0,0) errors : 97.22787
##
## Best model: Regression with ARIMA(2,0,0) errors
##
## [1] 294.635 294.635 294.635 294.635
##
## Regression with ARIMA(2,0,2) errors : 98.76673
## Regression with ARIMA(0,0,0) errors : 202.6816
## Regression with ARIMA(1,0,0) errors : 101.9314
## Regression with ARIMA(0,0,1) errors : 159.6823
## Regression with ARIMA(0,0,0) errors : 273.4341
## Regression with ARIMA(1,0,2) errors : 96.71235
## Regression with ARIMA(0,0,2) errors : 132.0641
## Regression with ARIMA(1,0,1) errors : 96.80806
## Regression with ARIMA(1,0,3) errors : 98.6625
## Regression with ARIMA(0,0,3) errors : 129.0071
## Regression with ARIMA(2,0,1) errors : 96.6605
## Regression with ARIMA(2,0,0) errors : 94.88086
## Regression with ARIMA(3,0,0) errors : 96.74055
## Regression with ARIMA(3,0,1) errors : 99.42735
## Regression with ARIMA(2,0,0) errors : 97.43947
##
## Best model: Regression with ARIMA(2,0,0) errors
##
## [1] 296.7079 296.7079 296.7079 296.7079
##
## Regression with ARIMA(2,0,2) errors : 99.58996
## Regression with ARIMA(0,0,0) errors : 208.9477
## Regression with ARIMA(1,0,0) errors : 104.1442
## Regression with ARIMA(0,0,1) errors : 165.8142
## Regression with ARIMA(0,0,0) errors : 277.3663
## Regression with ARIMA(1,0,2) errors : 97.61738
## Regression with ARIMA(0,0,2) errors : 135.6452
## Regression with ARIMA(1,0,1) errors : 98.02981
## Regression with ARIMA(1,0,3) errors : 99.66698
## Regression with ARIMA(0,0,3) errors : 132.2683
## Regression with ARIMA(2,0,1) errors : 97.479
## Regression with ARIMA(2,0,0) errors : 95.76209
## Regression with ARIMA(3,0,0) errors : 97.57115
## Regression with ARIMA(3,0,1) errors : 99.56523
## Regression with ARIMA(2,0,0) errors : 99.02165
##
## Best model: Regression with ARIMA(2,0,0) errors
##
## [1] 298.2709 298.2709 298.2709 298.2709
##
## ARIMA(2,1,2) : Inf
## Regression with ARIMA(0,1,0) errors : 103.1773

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## Regression with ARIMA(1,1,0) errors : 92.59618
## Regression with ARIMA(0,1,1) errors : 94.3929
## Regression with ARIMA(2,1,0) errors : 94.69957
## Regression with ARIMA(1,1,1) errors : 94.6829
## Regression with ARIMA(2,1,1) errors : 96.45549
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 297.5201 297.5201 297.5201 297.5201
##
## Regression with ARIMA(2,1,2) errors : 97.77576
## Regression with ARIMA(0,1,0) errors : 101.9583
## Regression with ARIMA(1,1,0) errors : 91.42232
## Regression with ARIMA(0,1,1) errors : 93.05123
## Regression with ARIMA(2,1,0) errors : 93.55968
## Regression with ARIMA(1,1,1) errors : 93.55415
## Regression with ARIMA(2,1,1) errors : 95.36835
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 299.843 299.843 299.843 299.843
##
## Regression with ARIMA(2,1,2) errors : 98.26518
## Regression with ARIMA(0,1,0) errors : 102.2107
## Regression with ARIMA(1,1,0) errors : 91.97644
## Regression with ARIMA(0,1,1) errors : 93.44667
## Regression with ARIMA(2,1,0) errors : 94.12798
## Regression with ARIMA(1,1,1) errors : 94.12407
## Regression with ARIMA(2,1,1) errors : 96.18184
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 298.721 298.721 298.721 298.721
##
## Regression with ARIMA(2,1,2) errors : 98.56367
## Regression with ARIMA(0,1,0) errors : 102.6144
## Regression with ARIMA(1,1,0) errors : 92.23037
## Regression with ARIMA(0,1,1) errors : 93.52779
## Regression with ARIMA(2,1,0) errors : 94.39564
## Regression with ARIMA(1,1,1) errors : 94.39554
## Regression with ARIMA(2,1,1) errors : 96.30649
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 299.9252 299.9252 299.9252 299.9252
##
## Regression with ARIMA(2,1,2) errors : 103.8328
## Regression with ARIMA(0,1,0) errors : 105.8084
## Regression with ARIMA(1,1,0) errors : 97.43281
## Regression with ARIMA(0,1,1) errors : 98.33982
## Regression with ARIMA(2,1,0) errors : 99.59704
## Regression with ARIMA(1,1,1) errors : 99.59672
## Regression with ARIMA(2,1,1) errors : 101.2366
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## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 296.866 296.866 296.866 296.866
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 105.4506
## Regression with ARIMA(1,1,0) errors : 96.48265
## Regression with ARIMA(0,1,1) errors : 96.83149
## Regression with ARIMA(2,1,0) errors : 98.31925
## Regression with ARIMA(1,1,1) errors : 98.4027
## Regression with ARIMA(2,1,1) errors : 100.5246
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 298.3117 298.3117 298.3117 298.3117
##
## Regression with ARIMA(2,1,2) errors : 97.56546
## Regression with ARIMA(0,1,0) errors : 105.5997
## Regression with ARIMA(1,1,0) errors : 94.72169
## Regression with ARIMA(0,1,1) errors : 96.36152
## Regression with ARIMA(2,1,0) errors : 96.88669
## Regression with ARIMA(1,1,1) errors : 96.88685
## Regression with ARIMA(2,1,1) errors : 97.41419
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 299.3578 299.3578 299.3578 299.3578
##
## Regression with ARIMA(2,1,2) errors : 89.46476
## Regression with ARIMA(0,1,0) errors : 86.81324
## Regression with ARIMA(1,1,0) errors : 86.49732
## Regression with ARIMA(0,1,1) errors : 86.9364
## Regression with ARIMA(2,1,0) errors : 88.21256
## Regression with ARIMA(1,1,1) errors : 88.22255
## Regression with ARIMA(2,1,1) errors : 88.00481
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 298.3233 298.3233 298.3233 298.3233
##
## Regression with ARIMA(2,1,2) errors : 51.81703
## Regression with ARIMA(0,1,0) errors : 50.74848
## Regression with ARIMA(1,1,0) errors : 47.83734
## Regression with ARIMA(0,1,1) errors : 48.67385
## Regression with ARIMA(2,1,0) errors : 49.67751
## Regression with ARIMA(1,1,1) errors : 49.74097
## Regression with ARIMA(2,1,1) errors : 50.40855
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 299.7588 299.7588 299.7588 299.7588
##
## Regression with ARIMA(2,1,2) errors : 51.96992
## Regression with ARIMA(0,1,0) errors : 50.89822

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## Regression with ARIMA(1,1,0) errors : 47.65128
## Regression with ARIMA(0,1,1) errors : 48.50468
## Regression with ARIMA(2,1,0) errors : 49.54395
## Regression with ARIMA(1,1,1) errors : 49.58726
## Regression with ARIMA(2,1,1) errors : 50.37215
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 299.954 299.954 299.954 299.954
##
## Regression with ARIMA(2,1,2) errors : 52.29375
## Regression with ARIMA(0,1,0) errors : 50.87868
## Regression with ARIMA(1,1,0) errors : 47.71442
## Regression with ARIMA(0,1,1) errors : 48.50854
## Regression with ARIMA(2,1,0) errors : 49.65353
## Regression with ARIMA(1,1,1) errors : 49.68505
## Regression with ARIMA(2,1,1) errors : 50.51834
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 296.6257 296.6257 296.6257 296.6257
##
## Regression with ARIMA(2,1,2) errors : 52.75959
## Regression with ARIMA(0,1,0) errors : 51.90245
## Regression with ARIMA(1,1,0) errors : 48.6424
## Regression with ARIMA(0,1,1) errors : 49.40066
## Regression with ARIMA(2,1,0) errors : 50.66792
## Regression with ARIMA(1,1,1) errors : 50.69669
## Regression with ARIMA(2,1,1) errors : 51.56225
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 298.2842 298.2842 298.2842 298.2842
##
## Regression with ARIMA(2,1,2) errors : 52.21258
## Regression with ARIMA(0,1,0) errors : 51.40813
## Regression with ARIMA(1,1,0) errors : 47.9163
## Regression with ARIMA(0,1,1) errors : 48.69428
## Regression with ARIMA(2,1,0) errors : 49.95333
## Regression with ARIMA(1,1,1) errors : 49.97461
## Regression with ARIMA(2,1,1) errors : 51.02849
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 299.798 299.798 299.798 299.798
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 54.17176
## Regression with ARIMA(1,1,0) errors : 51.27046
## Regression with ARIMA(0,1,1) errors : 52.11833
## Regression with ARIMA(2,1,0) errors : 53.08785
## Regression with ARIMA(1,1,1) errors : 53.1438
## Regression with ARIMA(2,1,1) errors : 54.14461
##

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## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 299.9392 299.9392 299.9392 299.9392
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 54.17805
## Regression with ARIMA(1,1,0) errors : 51.52649
## Regression with ARIMA(0,1,1) errors : 52.32493
## Regression with ARIMA(2,1,0) errors : 53.28924
## Regression with ARIMA(1,1,1) errors : 53.36914
## Regression with ARIMA(2,1,1) errors : 54.27611
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 299.4894 299.4894 299.4894 299.4894
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 54.40044
## Regression with ARIMA(1,1,0) errors : 51.7142
## Regression with ARIMA(0,1,1) errors : 52.4601
## Regression with ARIMA(2,1,0) errors : 53.60183
## Regression with ARIMA(1,1,1) errors : 53.65393
## Regression with ARIMA(2,1,1) errors : 54.74446
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 297.7387 297.7387 297.7387 297.7387
##
## Regression with ARIMA(2,1,2) errors : 61.48494
## Regression with ARIMA(0,1,0) errors : 61.40217
## Regression with ARIMA(1,1,0) errors : 58.3282
## Regression with ARIMA(0,1,1) errors : 59.22649
## Regression with ARIMA(2,1,0) errors : 60.24555
## Regression with ARIMA(1,1,1) errors : 60.34007
## Regression with ARIMA(2,1,1) errors : 60.64285
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 295.5682 295.5682 295.5682 295.5682
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 62.75654
## Regression with ARIMA(1,1,0) errors : 61.44153
## Regression with ARIMA(0,1,1) errors : 61.94151
## Regression with ARIMA(2,1,0) errors : 63.36481
## Regression with ARIMA(1,1,1) errors : 63.46238
## Regression with ARIMA(2,1,1) errors : 63.41744
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 296.7876 296.7876 296.7876 296.7876
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 62.79045

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## Regression with ARIMA(1,1,0) errors : 61.5818
## Regression with ARIMA(0,1,1) errors : 62.11077
## Regression with ARIMA(2,1,0) errors : 63.40998
## Regression with ARIMA(1,1,1) errors : 63.53554
## Regression with ARIMA(2,1,1) errors : 63.40622
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 294.3332 294.3332 294.3332 294.3332
##
## Regression with ARIMA(2,1,2) errors : 62.91496
## Regression with ARIMA(0,1,0) errors : 62.5278
## Regression with ARIMA(1,1,0) errors : 61.44226
## Regression with ARIMA(0,1,1) errors : 61.98131
## Regression with ARIMA(2,1,0) errors : 63.2167
## Regression with ARIMA(1,1,1) errors : 63.39055
## Regression with ARIMA(2,1,1) errors : 63.04315
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 292.3923 292.3923 292.3923 292.3923
##
## Regression with ARIMA(2,1,2) errors : 64.80977
## Regression with ARIMA(0,1,0) errors : 65.83963
## Regression with ARIMA(1,1,0) errors : 64.93556
## Regression with ARIMA(0,1,1) errors : 65.4424
## Regression with ARIMA(1,1,2) errors : 63.8662
## Regression with ARIMA(0,1,2) errors : 66.20663
## Regression with ARIMA(1,1,1) errors : 66.92679
## Regression with ARIMA(1,1,3) errors : 65.39114
## Regression with ARIMA(0,1,3) errors : 65.90577
## Regression with ARIMA(2,1,1) errors : 65.54335
## Regression with ARIMA(2,1,3) errors : 67.50667
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 287.9223 287.9223 287.9223 287.9223
##
## Regression with ARIMA(2,1,2) errors : 64.86468
## Regression with ARIMA(0,1,0) errors : 65.7908
## Regression with ARIMA(1,1,0) errors : 64.93926
## Regression with ARIMA(0,1,1) errors : 65.42886
## Regression with ARIMA(1,1,2) errors : 63.90924
## Regression with ARIMA(0,1,2) errors : 66.22097
## Regression with ARIMA(1,1,1) errors : 66.92887
## Regression with ARIMA(1,1,3) errors : 65.44538
## Regression with ARIMA(0,1,3) errors : 65.91182
## Regression with ARIMA(2,1,1) errors : 65.58584
## Regression with ARIMA(2,1,3) errors : Inf
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 291.5457 291.5457 291.5457 291.5457
##

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## Regression with ARIMA(2,1,2) errors : 63.7268
## Regression with ARIMA(0,1,0) errors : 64.70235
## Regression with ARIMA(1,1,0) errors : 63.84073
## Regression with ARIMA(0,1,1) errors : 64.33536
## Regression with ARIMA(1,1,2) errors : 62.72566
## Regression with ARIMA(0,1,2) errors : 65.0937
## Regression with ARIMA(1,1,1) errors : 65.83458
## Regression with ARIMA(1,1,3) errors : 64.21083
## Regression with ARIMA(0,1,3) errors : 64.65327
## Regression with ARIMA(2,1,1) errors : 64.40881
## Regression with ARIMA(2,1,3) errors : 65.89925
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 287.3102 287.3102 287.3102 287.3102
##
## Regression with ARIMA(2,1,2) errors : 63.35144
## Regression with ARIMA(0,1,0) errors : 64.42121
## Regression with ARIMA(1,1,0) errors : 63.5896
## Regression with ARIMA(0,1,1) errors : 64.0643
## Regression with ARIMA(1,1,2) errors : 62.56006
## Regression with ARIMA(0,1,2) errors : 64.87132
## Regression with ARIMA(1,1,1) errors : 65.60956
## Regression with ARIMA(1,1,3) errors : 63.95865
## Regression with ARIMA(0,1,3) errors : 64.36719
## Regression with ARIMA(2,1,1) errors : 64.25182
## Regression with ARIMA(2,1,3) errors : 65.50478
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 285.6666 285.6666 285.6666 285.6666
##
## Regression with ARIMA(2,1,2) errors : 63.40327
## Regression with ARIMA(0,1,0) errors : 64.48596
## Regression with ARIMA(1,1,0) errors : 63.65071
## Regression with ARIMA(0,1,1) errors : 64.12705
## Regression with ARIMA(1,1,2) errors : 62.56148
## Regression with ARIMA(0,1,2) errors : 64.93863
## Regression with ARIMA(1,1,1) errors : 65.66983
## Regression with ARIMA(1,1,3) errors : 63.96941
## Regression with ARIMA(0,1,3) errors : 64.41552
## Regression with ARIMA(2,1,1) errors : 64.24912
## Regression with ARIMA(2,1,3) errors : 65.59912
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 285.9875 285.9875 285.9875 285.9875
##
## Regression with ARIMA(2,1,2) errors : 64.4796
## Regression with ARIMA(0,1,0) errors : 65.63189
## Regression with ARIMA(1,1,0) errors : 64.81614
## Regression with ARIMA(0,1,1) errors : 65.28546
## Regression with ARIMA(1,1,2) errors : 64.1174
## Regression with ARIMA(0,1,2) errors : 66.09667

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## Regression with ARIMA(1,1,1) errors : 66.81907
## Regression with ARIMA(1,1,3) errors : 65.3185
## Regression with ARIMA(0,1,3) errors : 65.61018
## Regression with ARIMA(2,1,1) errors : 65.93889
## Regression with ARIMA(2,1,3) errors : 66.58047
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 279.2976 279.2976 279.2976 279.2976
##
## Regression with ARIMA(2,1,2) errors : 70.67251
## Regression with ARIMA(0,1,0) errors : 72.36829
## Regression with ARIMA(1,1,0) errors : 70.56946
## Regression with ARIMA(0,1,1) errors : 71.24537
## Regression with ARIMA(2,1,0) errors : 72.44821
## Regression with ARIMA(1,1,1) errors : 72.59184
## Regression with ARIMA(2,1,1) errors : 71.013
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 287.6683 287.6683 287.6683 287.6683
##
## Regression with ARIMA(2,1,2) errors : 70.55015
## Regression with ARIMA(0,1,0) errors : 72.55378
## Regression with ARIMA(1,1,0) errors : 70.55351
## Regression with ARIMA(0,1,1) errors : 71.26636
## Regression with ARIMA(1,1,2) errors : 69.28317
## Regression with ARIMA(0,1,2) errors : 71.64612
## Regression with ARIMA(1,1,1) errors : 72.56894
## Regression with ARIMA(1,1,3) errors : 70.96561
## Regression with ARIMA(0,1,3) errors : 71.2296
## Regression with ARIMA(2,1,1) errors : 70.94423
## Regression with ARIMA(2,1,3) errors : Inf
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 280.5254 280.5254 280.5254 280.5254
##
## Regression with ARIMA(2,1,2) errors : 70.69629
## Regression with ARIMA(0,1,0) errors : 72.61936
## Regression with ARIMA(1,1,0) errors : 70.65777
## Regression with ARIMA(0,1,1) errors : 71.43287
## Regression with ARIMA(2,1,0) errors : 72.41693
## Regression with ARIMA(1,1,1) errors : 72.59884
## Regression with ARIMA(2,1,1) errors : 70.93516
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 285.5956 285.5956 285.5956 285.5956
##
## Regression with ARIMA(2,1,2) errors : 71.36422
## Regression with ARIMA(0,1,0) errors : 73.01703
## Regression with ARIMA(1,1,0) errors : 71.19602
## Regression with ARIMA(0,1,1) errors : 71.9742

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## Regression with ARIMA(2,1,0) errors : 72.86549
## Regression with ARIMA(1,1,1) errors : 73.04785
## Regression with ARIMA(2,1,1) errors : 71.61097
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 279.2932 279.2932 279.2932 279.2932
##
## Regression with ARIMA(2,1,2) errors : 71.22621
## Regression with ARIMA(0,1,0) errors : 72.94054
## Regression with ARIMA(1,1,0) errors : 71.02629
## Regression with ARIMA(0,1,1) errors : 71.82567
## Regression with ARIMA(2,1,0) errors : 72.70301
## Regression with ARIMA(1,1,1) errors : 72.87458
## Regression with ARIMA(2,1,1) errors : 71.38749
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 278.1772 278.1772 278.1772 278.1772
##
## Regression with ARIMA(2,1,2) errors : 72.42975
## Regression with ARIMA(0,1,0) errors : 73.59519
## Regression with ARIMA(1,1,0) errors : 71.85288
## Regression with ARIMA(0,1,1) errors : 72.66092
## Regression with ARIMA(2,1,0) errors : 73.40765
## Regression with ARIMA(1,1,1) errors : 73.59478
## Regression with ARIMA(2,1,1) errors : 72.13857
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 276.8607 276.8607 276.8607 276.8607
##
## Regression with ARIMA(2,1,2) errors : 73.42039
## Regression with ARIMA(0,1,0) errors : 74.19842
## Regression with ARIMA(1,1,0) errors : 72.90337
## Regression with ARIMA(0,1,1) errors : 73.58139
## Regression with ARIMA(2,1,0) errors : 74.4781
## Regression with ARIMA(1,1,1) errors : 74.69553
## Regression with ARIMA(2,1,1) errors : 73.27777
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 280.1929 280.1929 280.1929 280.1929
##
## Regression with ARIMA(2,1,2) errors : 73.8743
## Regression with ARIMA(0,1,0) errors : 74.64298
## Regression with ARIMA(1,1,0) errors : 73.05743
## Regression with ARIMA(0,1,1) errors : 73.76268
## Regression with ARIMA(2,1,0) errors : 74.76312
## Regression with ARIMA(1,1,1) errors : 74.946
## Regression with ARIMA(2,1,1) errors : 73.53172
##
## Best model: Regression with ARIMA(1,1,0) errors
##

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## [1] 276.2911 276.2911 276.2911 276.2911
##
## Regression with ARIMA(2,1,2) errors : 73.77651
## Regression with ARIMA(0,1,0) errors : 74.92607
## Regression with ARIMA(1,1,0) errors : 73.11478
## Regression with ARIMA(0,1,1) errors : 73.88805
## Regression with ARIMA(2,1,0) errors : 74.77856
## Regression with ARIMA(1,1,1) errors : 74.98411
## Regression with ARIMA(2,1,1) errors : 73.43961
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 277.1345 277.1345 277.1345 277.1345
##
## Regression with ARIMA(2,1,2) errors : 73.74478
## Regression with ARIMA(0,1,0) errors : 74.96819
## Regression with ARIMA(1,1,0) errors : 73.30388
## Regression with ARIMA(0,1,1) errors : 74.03552
## Regression with ARIMA(2,1,0) errors : 74.98819
## Regression with ARIMA(1,1,1) errors : 75.19371
## Regression with ARIMA(2,1,1) errors : 73.53226
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 279.442 279.442 279.442 279.442
##
## Regression with ARIMA(2,1,2) errors : 77.05087
## Regression with ARIMA(0,1,0) errors : 78.21847
## Regression with ARIMA(1,1,0) errors : 76.65065
## Regression with ARIMA(0,1,1) errors : 77.39203
## Regression with ARIMA(2,1,0) errors : 78.22365
## Regression with ARIMA(1,1,1) errors : 78.42778
## Regression with ARIMA(2,1,1) errors : 76.86873
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 279.0714 279.0714 279.0714 279.0714
##
## Regression with ARIMA(2,1,2) errors : 77.08224
## Regression with ARIMA(0,1,0) errors : 78.14684
## Regression with ARIMA(1,1,0) errors : 76.62985
## Regression with ARIMA(0,1,1) errors : 77.34568
## Regression with ARIMA(2,1,0) errors : 78.17973
## Regression with ARIMA(1,1,1) errors : 78.3835
## Regression with ARIMA(2,1,1) errors : 76.85555
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 288.3427 288.3427 288.3427 288.3427
##
## Regression with ARIMA(2,1,2) errors : 77.0513
## Regression with ARIMA(0,1,0) errors : 78.18825
## Regression with ARIMA(1,1,0) errors : 76.6563
## Regression with ARIMA(0,1,1) errors : 77.39806

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## Regression with ARIMA(2,1,0) errors : 78.15568
## Regression with ARIMA(1,1,1) errors : 78.37133
## Regression with ARIMA(2,1,1) errors : 76.82945
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 282.9265 282.9265 282.9265 282.9265
##
## Regression with ARIMA(2,1,2) errors : 76.9889
## Regression with ARIMA(0,1,0) errors : 78.19575
## Regression with ARIMA(1,1,0) errors : 76.58532
## Regression with ARIMA(0,1,1) errors : 77.34674
## Regression with ARIMA(2,1,0) errors : 78.09269
## Regression with ARIMA(1,1,1) errors : 78.30678
## Regression with ARIMA(2,1,1) errors : 76.77268
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 281.9581 281.9581 281.9581 281.9581
##
## Regression with ARIMA(2,1,2) errors : 75.33968
## Regression with ARIMA(0,1,0) errors : 77.25176
## Regression with ARIMA(1,1,0) errors : 75.64698
## Regression with ARIMA(0,1,1) errors : 76.40546
## Regression with ARIMA(1,1,2) errors : 73.50487
## Regression with ARIMA(0,1,2) errors : 76.64225
## Regression with ARIMA(1,1,1) errors : 77.3178
## Regression with ARIMA(1,1,3) errors : 75.41843
## Regression with ARIMA(0,1,3) errors : 76.75303
## Regression with ARIMA(2,1,1) errors : 75.52522
## Regression with ARIMA(2,1,3) errors : 77.64223
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 287.4089 287.4089 287.4089 287.4089
##
## Regression with ARIMA(2,1,2) errors : 75.57224
## Regression with ARIMA(0,1,0) errors : 77.63193
## Regression with ARIMA(1,1,0) errors : 76.32868
## Regression with ARIMA(0,1,1) errors : 77.01682
## Regression with ARIMA(1,1,2) errors : 73.78798
## Regression with ARIMA(0,1,2) errors : 77.33546
## Regression with ARIMA(1,1,1) errors : 77.99388
## Regression with ARIMA(1,1,3) errors : 75.64834
## Regression with ARIMA(0,1,3) errors : 77.42183
## Regression with ARIMA(2,1,1) errors : 75.90382
## Regression with ARIMA(2,1,3) errors : 77.87119
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 286.8296 286.8296 286.8296 286.8296
##
## Regression with ARIMA(2,1,2) errors : 75.86356
## Regression with ARIMA(0,1,0) errors : 77.91967

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## Regression with ARIMA(1,1,0) errors : 76.64875
## Regression with ARIMA(0,1,1) errors : 77.34997
## Regression with ARIMA(1,1,2) errors : 74.03308
## Regression with ARIMA(0,1,2) errors : 77.60401
## Regression with ARIMA(1,1,1) errors : 78.23995
## Regression with ARIMA(1,1,3) errors : 75.93739
## Regression with ARIMA(0,1,3) errors : 77.87248
## Regression with ARIMA(2,1,1) errors : 76.08421
## Regression with ARIMA(2,1,3) errors : Inf
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 284.3184 284.3184 284.3184 284.3184
##
## Regression with ARIMA(2,1,2) errors : 76.37373
## Regression with ARIMA(0,1,0) errors : 78.45072
## Regression with ARIMA(1,1,0) errors : 77.37568
## Regression with ARIMA(0,1,1) errors : 78.0658
## Regression with ARIMA(1,1,2) errors : 74.45362
## Regression with ARIMA(0,1,2) errors : 78.20759
## Regression with ARIMA(1,1,1) errors : 78.92444
## Regression with ARIMA(1,1,3) errors : 76.41487
## Regression with ARIMA(0,1,3) errors : 78.43551
## Regression with ARIMA(2,1,1) errors : 76.46273
## ARIMA(2,1,3) : Inf
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 290.5587 290.5587 290.5587 290.5587
##
## Regression with ARIMA(2,1,2) errors : 76.13254
## Regression with ARIMA(0,1,0) errors : 78.24228
## Regression with ARIMA(1,1,0) errors : 77.18319
## Regression with ARIMA(0,1,1) errors : 77.86605
## Regression with ARIMA(1,1,2) errors : 74.16731
## Regression with ARIMA(0,1,2) errors : 77.99879
## Regression with ARIMA(1,1,1) errors : 78.7271
## Regression with ARIMA(1,1,3) errors : 76.15595
## Regression with ARIMA(0,1,3) errors : 78.22873
## Regression with ARIMA(2,1,1) errors : 76.1943
## Regression with ARIMA(2,1,3) errors : 78.43263
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 289.9966 289.9966 289.9966 289.9966
##
## Regression with ARIMA(2,1,2) errors : 77.77126
## Regression with ARIMA(0,1,0) errors : 79.11381
## Regression with ARIMA(1,1,0) errors : 78.31052
## Regression with ARIMA(0,1,1) errors : 78.90974
## Regression with ARIMA(1,1,2) errors : 75.94954
## Regression with ARIMA(0,1,2) errors : 79.26977
## Regression with ARIMA(1,1,1) errors : 79.91782
## Regression with ARIMA(1,1,3) errors : 77.83021

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## Regression with ARIMA(0,1,3) errors : 79.6409
## Regression with ARIMA(2,1,1) errors : 77.87523
## Regression with ARIMA(2,1,3) errors : 80.07206
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 287.1873 287.1873 287.1873 287.1873
##
## Regression with ARIMA(2,1,2) errors : 78.81281
## Regression with ARIMA(0,1,0) errors : 79.3729
## Regression with ARIMA(1,1,0) errors : 78.77531
## Regression with ARIMA(0,1,1) errors : 79.32291
## Regression with ARIMA(2,1,0) errors : 80.0739
## Regression with ARIMA(1,1,1) errors : 80.32438
## Regression with ARIMA(2,1,1) errors : 78.66696
## Regression with ARIMA(3,1,1) errors : 80.05408
## Regression with ARIMA(1,1,2) errors : 77.03062
## Regression with ARIMA(0,1,2) errors : 79.77701
## Regression with ARIMA(1,1,3) errors : 78.91014
## Regression with ARIMA(0,1,3) errors : 80.35985
## ARIMA(2,1,3) : Inf
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 293.7662 293.7662 293.7662 293.7662
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 80.00347
## Regression with ARIMA(1,1,0) errors : 79.35795
## Regression with ARIMA(0,1,1) errors : 79.88977
## Regression with ARIMA(2,1,0) errors : 80.78916
## Regression with ARIMA(1,1,1) errors : 80.99372
## Regression with ARIMA(2,1,1) errors : 79.13997
## Regression with ARIMA(3,1,1) errors : 80.41478
## Regression with ARIMA(1,1,2) errors : 77.31141
## Regression with ARIMA(0,1,2) errors : 80.47646
## Regression with ARIMA(1,1,3) errors : 79.12882
## Regression with ARIMA(0,1,3) errors : 80.9735
## Regression with ARIMA(2,1,3) errors : Inf
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 292.813 292.813 292.813 292.813
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 80.09785
## Regression with ARIMA(1,1,0) errors : 79.46116
## Regression with ARIMA(0,1,1) errors : 80.00315
## Regression with ARIMA(2,1,0) errors : 80.85761
## Regression with ARIMA(1,1,1) errors : 81.09391
## Regression with ARIMA(2,1,1) errors : 79.14615
## Regression with ARIMA(3,1,1) errors : 80.38528
## Regression with ARIMA(1,1,2) errors : 77.23771
## Regression with ARIMA(0,1,2) errors : 80.52713

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## Regression with ARIMA(1,1,3) errors : 78.97121
## Regression with ARIMA(0,1,3) errors : 80.94833
## Regression with ARIMA(2,1,3) errors : Inf
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 295.7426 295.7426 295.7426 295.7426
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 79.0243
## Regression with ARIMA(1,1,0) errors : 78.31827
## Regression with ARIMA(0,1,1) errors : 78.85859
## Regression with ARIMA(2,1,0) errors : 79.7596
## Regression with ARIMA(1,1,1) errors : 80.04302
## Regression with ARIMA(2,1,1) errors : 78.38657
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 292.7148 292.7148 292.7148 292.7148
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 79.02131
## Regression with ARIMA(1,1,0) errors : 78.3099
## Regression with ARIMA(0,1,1) errors : 78.85364
## Regression with ARIMA(2,1,0) errors : 79.75008
## Regression with ARIMA(1,1,1) errors : 80.04874
## Regression with ARIMA(2,1,1) errors : 78.31913
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 297.3337 297.3337 297.3337 297.3337
##
## Regression with ARIMA(2,1,2) errors : 84.19385
## Regression with ARIMA(0,1,0) errors : 80.70856
## Regression with ARIMA(1,1,0) errors : 80.16245
## Regression with ARIMA(0,1,1) errors : 80.65004
## Regression with ARIMA(2,1,0) errors : 81.56003
## Regression with ARIMA(1,1,1) errors : 81.86046
## Regression with ARIMA(2,1,1) errors : 80.17105
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 297.3038 297.3038 297.3038 297.3038
##
## Regression with ARIMA(2,1,2) errors : 76.89871
## Regression with ARIMA(0,1,0) errors : 80.93111
## Regression with ARIMA(1,1,0) errors : 78.4912
## Regression with ARIMA(0,1,1) errors : 79.83989
## Regression with ARIMA(1,1,2) errors : 74.64608
## Regression with ARIMA(0,1,2) errors : 77.57366
## Regression with ARIMA(1,1,1) errors : 79.0962
## Regression with ARIMA(1,1,3) errors : 76.89962
## Regression with ARIMA(0,1,3) errors : 78.22877
## Regression with ARIMA(2,1,1) errors : 75.75017

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## Regression with ARIMA(2,1,3) errors : 78.97645
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 297.8477 297.8477 297.8477 297.8477
##
## Regression with ARIMA(2,1,2) errors : 61.9905
## Regression with ARIMA(0,1,0) errors : 59.99726
## Regression with ARIMA(1,1,0) errors : 62.11251
## Regression with ARIMA(0,1,1) errors : 62.11453
## Regression with ARIMA(1,1,1) errors : 63.70308
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 297.6975 297.6975 297.6975 297.6975
##
## Regression with ARIMA(2,1,2) errors : 35.33923
## Regression with ARIMA(0,1,0) errors : 36.95687
## Regression with ARIMA(1,1,0) errors : 39.0607
## Regression with ARIMA(0,1,1) errors : 39.06553
## Regression with ARIMA(1,1,2) errors : 34.87855
## Regression with ARIMA(0,1,2) errors : 39.47452
## Regression with ARIMA(1,1,1) errors : 36.62968
## Regression with ARIMA(1,1,3) errors : 36.13914
## Regression with ARIMA(0,1,3) errors : 39.01266
## Regression with ARIMA(2,1,1) errors : 35.81981
## Regression with ARIMA(2,1,3) errors : 37.44388
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 300.5494 300.5494 300.5494 300.5494
##
## Regression with ARIMA(2,1,2) errors : 35.30273
## Regression with ARIMA(0,1,0) errors : 36.82278
## Regression with ARIMA(1,1,0) errors : 38.92658
## Regression with ARIMA(0,1,1) errors : 38.93128
## Regression with ARIMA(1,1,2) errors : 34.75658
## Regression with ARIMA(0,1,2) errors : 39.38385
## Regression with ARIMA(1,1,1) errors : 36.5278
## Regression with ARIMA(1,1,3) errors : 36.04945
## Regression with ARIMA(0,1,3) errors : 38.90328
## Regression with ARIMA(2,1,1) errors : 35.70027
## Regression with ARIMA(2,1,3) errors : 37.42146
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 298.6504 298.6504 298.6504 298.6504
##
## Regression with ARIMA(2,1,2) errors : 35.78569
## Regression with ARIMA(0,1,0) errors : 37.37085
## Regression with ARIMA(1,1,0) errors : 39.4818
## Regression with ARIMA(0,1,1) errors : 39.48485
## Regression with ARIMA(1,1,2) errors : 35.02004
## Regression with ARIMA(0,1,2) errors : 39.71046

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## Regression with ARIMA(1,1,1) errors : 36.97569
## Regression with ARIMA(1,1,3) errors : 36.39436
## Regression with ARIMA(0,1,3) errors : 39.27941
## Regression with ARIMA(2,1,1) errors : 35.96693
## Regression with ARIMA(2,1,3) errors : 37.94684
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 299.9387 299.9387 299.9387 299.9387
##
## Regression with ARIMA(2,1,2) errors : 35.42596
## Regression with ARIMA(0,1,0) errors : 37.07061
## Regression with ARIMA(1,1,0) errors : 39.18211
## Regression with ARIMA(0,1,1) errors : 39.18501
## Regression with ARIMA(1,1,2) errors : 34.6273
## Regression with ARIMA(0,1,2) errors : 39.39881
## Regression with ARIMA(1,1,1) errors : 36.63494
## Regression with ARIMA(1,1,3) errors : 36.03849
## Regression with ARIMA(0,1,3) errors : 39.0709
## Regression with ARIMA(2,1,1) errors : 35.56906
## Regression with ARIMA(2,1,3) errors : 37.55651
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 300.322 300.322 300.322 300.322
##
## Regression with ARIMA(2,1,2) errors : 35.44815
## Regression with ARIMA(0,1,0) errors : 37.07062
## Regression with ARIMA(1,1,0) errors : 39.18162
## Regression with ARIMA(0,1,1) errors : 39.18465
## Regression with ARIMA(1,1,2) errors : 34.76711
## Regression with ARIMA(0,1,2) errors : 39.40464
## Regression with ARIMA(1,1,1) errors : 36.68539
## Regression with ARIMA(1,1,3) errors : 36.1431
## Regression with ARIMA(0,1,3) errors : 39.1023
## Regression with ARIMA(2,1,1) errors : 35.6885
## Regression with ARIMA(2,1,3) errors : 38.5876
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 297.987 297.987 297.987 297.987
##
## Regression with ARIMA(2,1,2) errors : 35.80636
## Regression with ARIMA(0,1,0) errors : 37.27397
## Regression with ARIMA(1,1,0) errors : 39.38212
## Regression with ARIMA(0,1,1) errors : 39.38588
## Regression with ARIMA(1,1,2) errors : 35.26987
## Regression with ARIMA(0,1,2) errors : 39.6486
## Regression with ARIMA(1,1,1) errors : 41.32027
## Regression with ARIMA(1,1,3) errors : 36.66974
## Regression with ARIMA(0,1,3) errors : 39.44744
## Regression with ARIMA(2,1,1) errors : 36.14069
## Regression with ARIMA(2,1,3) errors : 39.0609
##

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## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 299.6787 299.6787 299.6787 299.6787
##
## Regression with ARIMA(2,1,2) errors : 36.3397
## Regression with ARIMA(0,1,0) errors : 38.04246
## Regression with ARIMA(1,1,0) errors : 40.14379
## Regression with ARIMA(0,1,1) errors : 40.14939
## Regression with ARIMA(1,1,2) errors : 35.60219
## Regression with ARIMA(0,1,2) errors : 40.42936
## Regression with ARIMA(1,1,1) errors : 37.43431
## Regression with ARIMA(1,1,3) errors : 36.94396
## Regression with ARIMA(0,1,3) errors : 40.11986
## Regression with ARIMA(2,1,1) errors : 36.51807
## Regression with ARIMA(2,1,3) errors : 39.15188
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 298.6398 298.6398 298.6398 298.6398
##
## Regression with ARIMA(2,1,2) errors : 38.43657
## Regression with ARIMA(0,1,0) errors : 40.32663
## Regression with ARIMA(1,1,0) errors : 42.44864
## Regression with ARIMA(0,1,1) errors : 42.44875
## Regression with ARIMA(1,1,2) errors : 37.85122
## Regression with ARIMA(0,1,2) errors : 42.62449
## Regression with ARIMA(1,1,1) errors : 40.37875
## Regression with ARIMA(1,1,3) errors : 39.0621
## Regression with ARIMA(0,1,3) errors : 42.04268
## Regression with ARIMA(2,1,1) errors : 38.99341
## Regression with ARIMA(2,1,3) errors : 41.0386
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 300.8738 300.8738 300.8738 300.8738
##
## Regression with ARIMA(2,1,2) errors : 39.31699
## Regression with ARIMA(0,1,0) errors : 40.93235
## Regression with ARIMA(1,1,0) errors : 43.04514
## Regression with ARIMA(0,1,1) errors : 43.04756
## Regression with ARIMA(1,1,2) errors : 38.92771
## Regression with ARIMA(0,1,2) errors : 43.52371
## Regression with ARIMA(1,1,1) errors : 40.94902
## Regression with ARIMA(1,1,3) errors : 39.82704
## Regression with ARIMA(0,1,3) errors : 42.86284
## Regression with ARIMA(2,1,1) errors : 40.06061
## Regression with ARIMA(2,1,3) errors : 42.16862
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 299.5615 299.5615 299.5615 299.5615
##
## Regression with ARIMA(2,1,2) errors : 39.1184
## Regression with ARIMA(0,1,0) errors : 40.71854

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## Regression with ARIMA(1,1,0) errors : 42.79641
## Regression with ARIMA(0,1,1) errors : 42.80816
## Regression with ARIMA(1,1,2) errors : 38.46717
## Regression with ARIMA(0,1,2) errors : 43.04833
## Regression with ARIMA(1,1,1) errors : 40.44002
## Regression with ARIMA(1,1,3) errors : 39.49876
## Regression with ARIMA(0,1,3) errors : 42.74483
## Regression with ARIMA(2,1,1) errors : 39.54915
## Regression with ARIMA(2,1,3) errors : 41.2606
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 301.2719 301.2719 301.2719 301.2719
##
## Regression with ARIMA(2,1,2) errors : 39.07625
## Regression with ARIMA(0,1,0) errors : 40.79787
## Regression with ARIMA(1,1,0) errors : 42.8654
## Regression with ARIMA(0,1,1) errors : 42.87994
## Regression with ARIMA(1,1,2) errors : 38.44509
## Regression with ARIMA(0,1,2) errors : 43.07255
## Regression with ARIMA(1,1,1) errors : 40.4205
## Regression with ARIMA(1,1,3) errors : 39.4766
## Regression with ARIMA(0,1,3) errors : 42.70327
## Regression with ARIMA(2,1,1) errors : 39.52422
## Regression with ARIMA(2,1,3) errors : 41.20813
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 300.5342 300.5342 300.5342 300.5342
##
## Regression with ARIMA(2,1,2) errors : 39.40885
## Regression with ARIMA(0,1,0) errors : 40.79849
## Regression with ARIMA(1,1,0) errors : 42.86724
## Regression with ARIMA(0,1,1) errors : 42.88138
## Regression with ARIMA(1,1,2) errors : 38.69284
## Regression with ARIMA(0,1,2) errors : 43.08828
## Regression with ARIMA(1,1,1) errors : 40.49818
## Regression with ARIMA(1,1,3) errors : 39.80978
## Regression with ARIMA(0,1,3) errors : 42.77581
## Regression with ARIMA(2,1,1) errors : 39.68284
## Regression with ARIMA(2,1,3) errors : 41.72218
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 300.0157 300.0157 300.0157 300.0157
##
## Regression with ARIMA(2,1,2) errors : 39.67021
## Regression with ARIMA(0,1,0) errors : 40.78808
## Regression with ARIMA(1,1,0) errors : 42.85395
## Regression with ARIMA(0,1,1) errors : 42.86879
## Regression with ARIMA(1,1,2) errors : 38.88213
## Regression with ARIMA(0,1,2) errors : 43.09619
## Regression with ARIMA(1,1,1) errors : 44.92351
## Regression with ARIMA(1,1,3) errors : 40.1052

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## Regression with ARIMA(0,1,3) errors : 42.81028
## Regression with ARIMA(2,1,1) errors : 39.79187
## Regression with ARIMA(2,1,3) errors : 41.93771
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 298.862 298.862 298.862 298.862
##
## Regression with ARIMA(2,1,2) errors : 39.4715
## Regression with ARIMA(0,1,0) errors : 41.2706
## Regression with ARIMA(1,1,0) errors : 43.311
## Regression with ARIMA(0,1,1) errors : 43.33223
## Regression with ARIMA(1,1,2) errors : 39.20074
## Regression with ARIMA(0,1,2) errors : 43.69788
## Regression with ARIMA(1,1,1) errors : 45.43996
## Regression with ARIMA(1,1,3) errors : 40.12802
## Regression with ARIMA(0,1,3) errors : 43.39509
## Regression with ARIMA(2,1,1) errors : 40.20235
## Regression with ARIMA(2,1,3) errors : 41.57027
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 298.2818 298.2818 298.2818 298.2818
##
## Regression with ARIMA(2,0,2) errors : 50.87253
## Regression with ARIMA(0,0,0) errors : 261.4914
## Regression with ARIMA(1,0,0) errors : 45.24891
## Regression with ARIMA(0,0,1) errors : 197.7718
## Regression with ARIMA(0,0,0) errors : 345.0563
## Regression with ARIMA(2,0,0) errors : 47.26139
## Regression with ARIMA(1,0,1) errors : 47.31655
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : 47.61408
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 295.2987 295.2987 295.2987 295.2987
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 262.0925
## Regression with ARIMA(1,0,0) errors : 47.51898
## Regression with ARIMA(0,0,1) errors : 199.3858
## Regression with ARIMA(0,0,0) errors : 345.0215
## Regression with ARIMA(2,0,0) errors : 49.58353
## Regression with ARIMA(1,0,1) errors : 49.62655
## Regression with ARIMA(2,0,1) errors : 51.82328
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 294.8798 294.8798 294.8798 294.8798
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 261.485

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## Regression with ARIMA(1,0,0) errors : 47.86633
## Regression with ARIMA(0,0,1) errors : 198.3097
## Regression with ARIMA(0,0,0) errors : 344.9974
## Regression with ARIMA(2,0,0) errors : 49.86518
## Regression with ARIMA(1,0,1) errors : 49.92661
## Regression with ARIMA(2,0,1) errors : 52.23769
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 296.3459 296.3459 296.3459 296.3459
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 261.341
## Regression with ARIMA(1,0,0) errors : 48.42608
## Regression with ARIMA(0,0,1) errors : 198.2104
## Regression with ARIMA(0,0,0) errors : 344.9039
## Regression with ARIMA(2,0,0) errors : 50.46752
## Regression with ARIMA(1,0,1) errors : 50.51405
## Regression with ARIMA(2,0,1) errors : 52.82408
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 292.4991 292.4991 292.4991 292.4991
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 262.2666
## Regression with ARIMA(1,0,0) errors : 48.6722
## Regression with ARIMA(0,0,1) errors : 198.6598
## Regression with ARIMA(0,0,0) errors : 344.8397
## Regression with ARIMA(2,0,0) errors : 50.74935
## Regression with ARIMA(1,0,1) errors : 50.78631
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 290.9379 290.9379 290.9379 290.9379
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 262.0882
## Regression with ARIMA(1,0,0) errors : 48.31655
## Regression with ARIMA(0,0,1) errors : 198.5705
## Regression with ARIMA(0,0,0) errors : 344.7937
## Regression with ARIMA(2,0,0) errors : 50.44171
## Regression with ARIMA(1,0,1) errors : 50.46474
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 288.7671 288.7671 288.7671 288.7671
##

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## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 261.4287
## Regression with ARIMA(1,0,0) errors : 47.16601
## Regression with ARIMA(0,0,1) errors : 198.1189
## Regression with ARIMA(0,0,0) errors : 344.6565
## Regression with ARIMA(2,0,0) errors : 49.3318
## Regression with ARIMA(1,0,1) errors : 49.34288
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 287.1079 287.1079 287.1079 287.1079
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 261.7011
## Regression with ARIMA(1,0,0) errors : 50.94372
## Regression with ARIMA(0,0,1) errors : 199.0918
## Regression with ARIMA(0,0,0) errors : 344.7261
## Regression with ARIMA(2,0,0) errors : 53.14208
## Regression with ARIMA(1,0,1) errors : 53.14453
## Regression with ARIMA(2,0,1) errors : Inf
## ARIMA(1,0,0) with zero mean      : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 282.4128 282.4128 282.4128 282.4128
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 262.154
## Regression with ARIMA(1,0,0) errors : 51.05604
## Regression with ARIMA(0,0,1) errors : 198.7373
## Regression with ARIMA(0,0,0) errors : 344.8256
## Regression with ARIMA(2,0,0) errors : 53.24728
## Regression with ARIMA(1,0,1) errors : 53.2513
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 281.9124 281.9124 281.9124 281.9124
##
## Regression with ARIMA(2,0,2) errors : 55.26628
## Regression with ARIMA(0,0,0) errors : 261.0216
## Regression with ARIMA(1,0,0) errors : 48.94496
## Regression with ARIMA(0,0,1) errors : 198.5023
## Regression with ARIMA(0,0,0) errors : 343.9902
## Regression with ARIMA(2,0,0) errors : 51.15308
## Regression with ARIMA(1,0,1) errors : 51.15311
## Regression with ARIMA(2,0,1) errors : 53.26739
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
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## [1] 283.7923 283.7923 283.7923 283.7923
##
## Regression with ARIMA(2,0,2) errors : 56.22206
## Regression with ARIMA(0,0,0) errors : 256.5638
## Regression with ARIMA(1,0,0) errors : 49.8631
## Regression with ARIMA(0,0,1) errors : 194.3549
## Regression with ARIMA(0,0,0) errors : 341.4704
## Regression with ARIMA(2,0,0) errors : 52.06679
## Regression with ARIMA(1,0,1) errors : 52.06789
## Regression with ARIMA(2,0,1) errors : 54.2258
## Regression with ARIMA(1,0,0) errors : 53.28813
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 289.1373 289.1373 289.1373 289.1373
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 254.2573
## Regression with ARIMA(1,0,0) errors : 61.13126
## Regression with ARIMA(0,0,1) errors : 196.846
## Regression with ARIMA(0,0,0) errors : 340.7658
## Regression with ARIMA(2,0,0) errors : 63.27747
## Regression with ARIMA(1,0,1) errors : 63.28874
## Regression with ARIMA(2,0,1) errors : 65.4017
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 280.7534 280.7534 280.7534 280.7534
##
## Regression with ARIMA(2,1,2) errors : 50.43603
## Regression with ARIMA(0,1,0) errors : 56.18631
## Regression with ARIMA(1,1,0) errors : 58.29931
## Regression with ARIMA(0,1,1) errors : 58.30054
## Regression with ARIMA(1,1,2) errors : 62.55169
## Regression with ARIMA(2,1,1) errors : 53.82115
## Regression with ARIMA(3,1,2) errors : 51.44014
## Regression with ARIMA(2,1,3) errors : 51.91809
## Regression with ARIMA(1,1,1) errors : 60.46216
## Regression with ARIMA(1,1,3) errors : 49.69658
## Regression with ARIMA(0,1,3) errors : 59.80868
## Regression with ARIMA(1,1,4) errors : 52.43838
## Regression with ARIMA(0,1,2) errors : 60.11142
## Regression with ARIMA(0,1,4) errors : 51.20777
## Regression with ARIMA(2,1,4) errors : 53.59048
##
## Best model: Regression with ARIMA(1,1,3) errors
##
## [1] 282.1339 282.1339 282.1339 282.1339
##
## Regression with ARIMA(2,1,2) errors : 49.68196
## Regression with ARIMA(0,1,0) errors : 54.75093
## Regression with ARIMA(1,1,0) errors : 56.84133
## Regression with ARIMA(0,1,1) errors : 56.84464

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## Regression with ARIMA(1,1,2) errors : 50.9424
## Regression with ARIMA(2,1,1) errors : 53.41092
## Regression with ARIMA(3,1,2) errors : 50.58364
## Regression with ARIMA(2,1,3) errors : 51.06405
## Regression with ARIMA(1,1,1) errors : 53.80783
## Regression with ARIMA(1,1,3) errors : 48.88101
## Regression with ARIMA(0,1,3) errors : 58.80412
## Regression with ARIMA(1,1,4) errors : 51.46469
## Regression with ARIMA(0,1,2) errors : 58.82378
## Regression with ARIMA(0,1,4) errors : 50.10784
## Regression with ARIMA(2,1,4) errors : 52.58749
##
## Best model: Regression with ARIMA(1,1,3) errors
##
## [1] 285.0597 285.0597 285.0597 285.0597
##
## Regression with ARIMA(2,1,2) errors : 55.06204
## Regression with ARIMA(0,1,0) errors : 57.18074
## Regression with ARIMA(1,1,0) errors : 59.22623
## Regression with ARIMA(0,1,1) errors : 59.23226
## Regression with ARIMA(1,1,2) errors : 56.5097
## Regression with ARIMA(2,1,1) errors : 57.86942
## Regression with ARIMA(3,1,2) errors : 55.18668
## Regression with ARIMA(2,1,3) errors : 56.23175
## Regression with ARIMA(1,1,1) errors : 57.23515
## Regression with ARIMA(1,1,3) errors : 54.30188
## Regression with ARIMA(0,1,3) errors : 62.84797
## Regression with ARIMA(1,1,4) errors : 53.06876
## Regression with ARIMA(0,1,4) errors : 51.46165
## Regression with ARIMA(0,1,5) errors : 53.09035
## Regression with ARIMA(1,1,5) errors : 54.0769
##
## Best model: Regression with ARIMA(0,1,4) errors
##
## [1] 282.9545 282.9545 282.9545 282.9545
##
## Regression with ARIMA(2,1,2) errors : 60.21456
## Regression with ARIMA(0,1,0) errors : 60.58582
## Regression with ARIMA(1,1,0) errors : 62.47583
## Regression with ARIMA(0,1,1) errors : 62.49417
## Regression with ARIMA(1,1,2) errors : 63.22568
## Regression with ARIMA(2,1,1) errors : 63.46774
## Regression with ARIMA(3,1,2) errors : 63.37581
## Regression with ARIMA(2,1,3) errors : Inf
## Regression with ARIMA(1,1,1) errors : 61.7957
## Regression with ARIMA(1,1,3) errors : 62.70838
## Regression with ARIMA(3,1,1) errors : 64.35814
## Regression with ARIMA(3,1,3) errors : Inf
##
## Best model: Regression with ARIMA(2,1,2) errors
##
## [1] 274.733 274.733 274.733 274.733
##
## Regression with ARIMA(2,1,2) errors : Inf

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## Regression with ARIMA(0,1,0) errors : 62.38434
## Regression with ARIMA(1,1,0) errors : 64.48006
## Regression with ARIMA(0,1,1) errors : 64.48051
## Regression with ARIMA(1,1,1) errors : Inf
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 280.2852 280.2852 280.2852 280.2852
##
## Regression with ARIMA(2,1,2) errors : 61.78432
## Regression with ARIMA(0,1,0) errors : 62.61829
## Regression with ARIMA(1,1,0) errors : 64.69638
## Regression with ARIMA(0,1,1) errors : 64.69609
## Regression with ARIMA(1,1,2) errors : 69.06705
## Regression with ARIMA(2,1,1) errors : 69.06865
## Regression with ARIMA(3,1,2) errors : 62.98319
## Regression with ARIMA(2,1,3) errors : Inf
## Regression with ARIMA(1,1,1) errors : Inf
## Regression with ARIMA(1,1,3) errors : 62.67325
## Regression with ARIMA(3,1,1) errors : 65.4408
## Regression with ARIMA(3,1,3) errors : Inf
##
## Best model: Regression with ARIMA(2,1,2) errors
##
## [1] 283.3091 283.3091 283.3091 283.3091
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 62.48122
## Regression with ARIMA(1,1,0) errors : 64.56815
## Regression with ARIMA(0,1,1) errors : 64.56711
## Regression with ARIMA(1,1,1) errors : 66.72156
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 281.5609 281.5609 281.5609 281.5609
##
## Regression with ARIMA(2,1,2) errors : 63.16988
## Regression with ARIMA(0,1,0) errors : 62.69742
## Regression with ARIMA(1,1,0) errors : 64.77967
## Regression with ARIMA(0,1,1) errors : 64.77823
## Regression with ARIMA(1,1,1) errors : 66.93223
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 280.1722 280.1722 280.1722 280.1722
##
## ARIMA(2,1,2) : Inf
## Regression with ARIMA(0,1,0) errors : 61.8274
## Regression with ARIMA(1,1,0) errors : 63.90083
## Regression with ARIMA(0,1,1) errors : 63.89901
## Regression with ARIMA(1,1,1) errors : 66.05223
##
## Best model: Regression with ARIMA(0,1,0) errors
##

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## [1] 280.1475 280.1475 280.1475 280.1475
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 63.02272
## Regression with ARIMA(1,1,0) errors : 65.08687
## Regression with ARIMA(0,1,1) errors : 65.08546
## Regression with ARIMA(1,1,1) errors : 67.24285
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 276.5277 276.5277 276.5277 276.5277
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 63.43682
## Regression with ARIMA(1,1,0) errors : 65.46143
## Regression with ARIMA(0,1,1) errors : 65.45914
## Regression with ARIMA(1,1,1) errors : 67.61574
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 277.0839 277.0839 277.0839 277.0839
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 63.51973
## Regression with ARIMA(1,1,0) errors : 65.56254
## Regression with ARIMA(0,1,1) errors : 65.56
## Regression with ARIMA(1,1,1) errors : Inf
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 283.6444 283.6444 283.6444 283.6444
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 63.74343
## Regression with ARIMA(1,1,0) errors : 65.77142
## Regression with ARIMA(0,1,1) errors : 65.76896
## Regression with ARIMA(1,1,1) errors : 67.92228
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 289.8172 289.8172 289.8172 289.8172
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 60.47561
## Regression with ARIMA(1,1,0) errors : 62.48593
## Regression with ARIMA(0,1,1) errors : 62.47333
## Regression with ARIMA(1,1,1) errors : 64.53925
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 291.5146 291.5146 291.5146 291.5146
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 63.06399

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## Regression with ARIMA(1,1,0) errors : 65.06936
## Regression with ARIMA(0,1,1) errors : 65.05751
## Regression with ARIMA(1,1,1) errors : 65.25539
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 286.8858 286.8858 286.8858 286.8858
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 61.10842
## Regression with ARIMA(1,1,0) errors : 63.08919
## Regression with ARIMA(0,1,1) errors : 63.06662
## Regression with ARIMA(1,1,1) errors : 63.55908
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 291.6349 291.6349 291.6349 291.6349
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 60.92786
## Regression with ARIMA(1,1,0) errors : 62.95257
## Regression with ARIMA(0,1,1) errors : 62.93699
## Regression with ARIMA(1,1,1) errors : 64.95574
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 293.7845 293.7845 293.7845 293.7845
##
## ARIMA(2,1,2) : Inf
## Regression with ARIMA(0,1,0) errors : 58.88858
## Regression with ARIMA(1,1,0) errors : 60.85164
## Regression with ARIMA(0,1,1) errors : 60.8268
## Regression with ARIMA(1,1,1) errors : 62.86514
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 292.7861 292.7861 292.7861 292.7861
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 59.05487
## Regression with ARIMA(1,1,0) errors : 61.00225
## Regression with ARIMA(0,1,1) errors : 60.97589
## Regression with ARIMA(1,1,1) errors : 61.4753
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 292.9844 292.9844 292.9844 292.9844
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 59.21247
## Regression with ARIMA(1,1,0) errors : 61.17026
## Regression with ARIMA(0,1,1) errors : 61.14773
## Regression with ARIMA(1,1,1) errors : 63.21602
##

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## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 291.2704 291.2704 291.2704 291.2704
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 58.2903
## Regression with ARIMA(1,1,0) errors : 59.99752
## Regression with ARIMA(0,1,1) errors : 59.91937
## Regression with ARIMA(1,1,1) errors : 61.91271
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 296.8929 296.8929 296.8929 296.8929
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 57.15722
## Regression with ARIMA(1,1,0) errors : 58.69206
## Regression with ARIMA(0,1,1) errors : 58.59381
## Regression with ARIMA(1,1,1) errors : 59.2506
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 296.6721 296.6721 296.6721 296.6721
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 57.33074
## Regression with ARIMA(1,1,0) errors : 59.25574
## Regression with ARIMA(0,1,1) errors : 59.23243
## Regression with ARIMA(1,1,1) errors : 61.31095
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 295.6809 295.6809 295.6809 295.6809
##
## Regression with ARIMA(2,0,2) errors : 71.75974
## Regression with ARIMA(0,0,0) errors : 246.4278
## Regression with ARIMA(1,0,0) errors : 66.04931
## Regression with ARIMA(0,0,1) errors : 189.7344
## Regression with ARIMA(0,0,0) errors : 346.4988
## Regression with ARIMA(2,0,0) errors : 67.42215
## Regression with ARIMA(1,0,1) errors : 67.33023
## Regression with ARIMA(2,0,1) errors : 69.48584
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 296.4839 296.4839 296.4839 296.4839
##
## Regression with ARIMA(2,0,2) errors : 72.61547
## Regression with ARIMA(0,0,0) errors : 245.8472
## Regression with ARIMA(1,0,0) errors : 66.65574
## Regression with ARIMA(0,0,1) errors : 188.004
## Regression with ARIMA(0,0,0) errors : 345.8608
## Regression with ARIMA(2,0,0) errors : 68.38443

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## Regression with ARIMA(1,0,1) errors : 68.31653
## Regression with ARIMA(2,0,1) errors : 70.38043
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 297.5937 297.5937 297.5937 297.5937
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 245.8244
## Regression with ARIMA(1,0,0) errors : 65.88398
## Regression with ARIMA(0,0,1) errors : 188.5068
## Regression with ARIMA(0,0,0) errors : 345.3816
## Regression with ARIMA(2,0,0) errors : 67.43002
## Regression with ARIMA(1,0,1) errors : 67.38908
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 298.9758 298.9758 298.9758 298.9758
##
## Regression with ARIMA(2,0,2) errors : 71.2635
## Regression with ARIMA(0,0,0) errors : 246.0109
## Regression with ARIMA(1,0,0) errors : 64.93654
## Regression with ARIMA(0,0,1) errors : 187.6757
## Regression with ARIMA(0,0,0) errors : 345.5606
## Regression with ARIMA(2,0,0) errors : 66.80649
## Regression with ARIMA(1,0,1) errors : 66.78525
## Regression with ARIMA(2,0,1) errors : 68.97222
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 301.6139 301.6139 301.6139 301.6139
##
## Regression with ARIMA(2,0,2) errors : 68.25791
## Regression with ARIMA(0,0,0) errors : 246.6713
## Regression with ARIMA(1,0,0) errors : 62.05557
## Regression with ARIMA(0,0,1) errors : 189.9785
## Regression with ARIMA(0,0,0) errors : 345.8602
## Regression with ARIMA(2,0,0) errors : 63.76779
## Regression with ARIMA(1,0,1) errors : 63.74127
## Regression with ARIMA(2,0,1) errors : 65.96256
## ARIMA(1,0,0) with zero mean : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 300.2512 300.2512 300.2512 300.2512
##
## Regression with ARIMA(2,0,2) errors : 71.44656
## Regression with ARIMA(0,0,0) errors : 245.4429
## Regression with ARIMA(1,0,0) errors : 65.44648
## Regression with ARIMA(0,0,1) errors : 188.5087

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## Regression with ARIMA(0,0,0) errors : 346.2591
## Regression with ARIMA(2,0,0) errors : 66.94482
## Regression with ARIMA(1,0,1) errors : 66.90473
## Regression with ARIMA(2,0,1) errors : 69.12961
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 298.3285 298.3285 298.3285 298.3285
##
## Regression with ARIMA(2,0,2) errors : 76.83824
## Regression with ARIMA(0,0,0) errors : 243.9546
## Regression with ARIMA(1,0,0) errors : 70.44382
## Regression with ARIMA(0,0,1) errors : 186.6577
## Regression with ARIMA(0,0,0) errors : 345.1147
## Regression with ARIMA(2,0,0) errors : 72.51937
## Regression with ARIMA(1,0,1) errors : 72.50108
## Regression with ARIMA(2,0,1) errors : 74.63704
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 300.4604 300.4604 300.4604 300.4604
##
## Regression with ARIMA(2,0,2) errors : 77.52593
## Regression with ARIMA(0,0,0) errors : 241.3284
## Regression with ARIMA(1,0,0) errors : 71.48257
## Regression with ARIMA(0,0,1) errors : 185.0563
## Regression with ARIMA(0,0,0) errors : 343.6659
## Regression with ARIMA(2,0,0) errors : 73.31776
## Regression with ARIMA(1,0,1) errors : 73.25648
## Regression with ARIMA(2,0,1) errors : 75.33882
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 302.5912 302.5912 302.5912 302.5912
##
## Regression with ARIMA(2,0,2) errors : 79.03992
## Regression with ARIMA(0,0,0) errors : 240.3012
## Regression with ARIMA(1,0,0) errors : 73.27282
## Regression with ARIMA(0,0,1) errors : 183.8893
## Regression with ARIMA(0,0,0) errors : 343.5721
## Regression with ARIMA(2,0,0) errors : 75.3212
## Regression with ARIMA(1,0,1) errors : 75.27205
## Regression with ARIMA(2,0,1) errors : 77.14091
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 301.618 301.618 301.618 301.618
##
## Regression with ARIMA(2,0,2) errors : 78.8846
## Regression with ARIMA(0,0,0) errors : 239.7991

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## Regression with ARIMA(1,0,0) errors : 73.01945
## Regression with ARIMA(0,0,1) errors : 183.3576
## Regression with ARIMA(0,0,0) errors : 344.0268
## Regression with ARIMA(2,0,0) errors : 75.09357
## Regression with ARIMA(1,0,1) errors : 75.05546
## Regression with ARIMA(2,0,1) errors : 76.96312
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 302.1204 302.1204 302.1204 302.1204
##
## Regression with ARIMA(2,0,2) errors : 79.18426
## Regression with ARIMA(0,0,0) errors : 238.002
## Regression with ARIMA(1,0,0) errors : 73.45506
## Regression with ARIMA(0,0,1) errors : 182.5711
## Regression with ARIMA(0,0,0) errors : 343.3527
## Regression with ARIMA(2,0,0) errors : 75.51016
## Regression with ARIMA(1,0,1) errors : 75.46101
## Regression with ARIMA(2,0,1) errors : 77.3111
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 301.8775 301.8775 301.8775 301.8775
##
## Regression with ARIMA(2,0,2) errors : 78.13272
## Regression with ARIMA(0,0,0) errors : 236.1964
## Regression with ARIMA(1,0,0) errors : 72.63908
## Regression with ARIMA(0,0,1) errors : 179.6106
## Regression with ARIMA(0,0,0) errors : 341.9324
## Regression with ARIMA(2,0,0) errors : 74.64189
## Regression with ARIMA(1,0,1) errors : 74.56604
## Regression with ARIMA(2,0,1) errors : 76.35751
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 300.709 300.709 300.709 300.709
##
## Regression with ARIMA(2,0,2) errors : 78.62099
## Regression with ARIMA(0,0,0) errors : 235.3725
## Regression with ARIMA(1,0,0) errors : 73.06928
## Regression with ARIMA(0,0,1) errors : 179.1062
## Regression with ARIMA(0,0,0) errors : 340.756
## Regression with ARIMA(2,0,0) errors : 75.05037
## Regression with ARIMA(1,0,1) errors : 74.97216
## Regression with ARIMA(2,0,1) errors : 76.76485
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 298.8391 298.8391 298.8391 298.8391
##

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## Regression with ARIMA(2,0,2) errors : 76.17827
## Regression with ARIMA(0,0,0) errors : 233.864
## Regression with ARIMA(1,0,0) errors : 70.34497
## Regression with ARIMA(0,0,1) errors : 176.9949
## Regression with ARIMA(0,0,0) errors : 339.5131
## Regression with ARIMA(2,0,0) errors : 72.26946
## Regression with ARIMA(1,0,1) errors : 72.19329
## Regression with ARIMA(2,0,1) errors : 74.18082
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 297.7956 297.7956 297.7956 297.7956
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 233.7547
## Regression with ARIMA(1,0,0) errors : 70.61603
## Regression with ARIMA(0,0,1) errors : 176.6245
## Regression with ARIMA(0,0,0) errors : 339.3248
## Regression with ARIMA(2,0,0) errors : 72.58108
## Regression with ARIMA(1,0,1) errors : 72.50547
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 300.4263 300.4263 300.4263 300.4263
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 233.8787
## Regression with ARIMA(1,0,0) errors : 70.74257
## Regression with ARIMA(0,0,1) errors : 176.8136
## Regression with ARIMA(0,0,0) errors : 339.2497
## Regression with ARIMA(2,0,0) errors : 72.56842
## Regression with ARIMA(1,0,1) errors : 72.44417
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 297.6524 297.6524 297.6524 297.6524
##
## Regression with ARIMA(2,0,2) errors : 69.4475
## Regression with ARIMA(0,0,0) errors : 233.8138
## Regression with ARIMA(1,0,0) errors : 63.76283
## Regression with ARIMA(0,0,1) errors : 175.9748
## Regression with ARIMA(0,0,0) errors : 338.8949
## Regression with ARIMA(2,0,0) errors : 65.87125
## Regression with ARIMA(1,0,1) errors : 65.83554
## Regression with ARIMA(2,0,1) errors : 67.73231
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##

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## [1] 297.0602 297.0602 297.0602 297.0602
##
## Regression with ARIMA(2,0,2) errors : 68.3598
## Regression with ARIMA(0,0,0) errors : 233.1334
## Regression with ARIMA(1,0,0) errors : 62.74822
## Regression with ARIMA(0,0,1) errors : 175.945
## Regression with ARIMA(0,0,0) errors : 339.1191
## Regression with ARIMA(2,0,0) errors : 64.84655
## Regression with ARIMA(1,0,1) errors : 64.80507
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 295.7437 295.7437 295.7437 295.7437
##
## Regression with ARIMA(2,0,2) errors : 68.99396
## Regression with ARIMA(0,0,0) errors : 231.9553
## Regression with ARIMA(1,0,0) errors : 63.4382
## Regression with ARIMA(0,0,1) errors : 175.5099
## Regression with ARIMA(0,0,0) errors : 339.2255
## Regression with ARIMA(2,0,0) errors : 65.48659
## Regression with ARIMA(1,0,1) errors : 65.42767
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 293.0097 293.0097 293.0097 293.0097
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 232.7267
## Regression with ARIMA(1,0,0) errors : 68.48206
## Regression with ARIMA(0,0,1) errors : 176.5053
## Regression with ARIMA(0,0,0) errors : 339.3058
## Regression with ARIMA(2,0,0) errors : 70.41782
## Regression with ARIMA(1,0,1) errors : 70.33515
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 295.1763 295.1763 295.1763 295.1763
##
## Regression with ARIMA(2,0,2) errors : 71.11531
## Regression with ARIMA(0,0,0) errors : 231.7111
## Regression with ARIMA(1,0,0) errors : 65.57097
## Regression with ARIMA(0,0,1) errors : 176.2901
## Regression with ARIMA(0,0,0) errors : 339.3588
## Regression with ARIMA(2,0,0) errors : 67.49493
## Regression with ARIMA(1,0,1) errors : 67.4029
## Regression with ARIMA(2,0,1) errors : 69.29027
## Regression with ARIMA(1,0,0) errors : Inf
##

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## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 293.4344 293.4344 293.4344 293.4344
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 229.6468
## Regression with ARIMA(1,0,0) errors : 65.47539
## Regression with ARIMA(0,0,1) errors : 175.3583
## Regression with ARIMA(0,0,0) errors : 338.86
## Regression with ARIMA(2,0,0) errors : 67.38941
## Regression with ARIMA(1,0,1) errors : 67.2953
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 292.6805 292.6805 292.6805 292.6805
##
## Regression with ARIMA(2,0,2) errors : 71.02927
## Regression with ARIMA(0,0,0) errors : 228.4562
## Regression with ARIMA(1,0,0) errors : 65.5296
## Regression with ARIMA(0,0,1) errors : 174.1646
## Regression with ARIMA(0,0,0) errors : 338.4307
## Regression with ARIMA(2,0,0) errors : 67.44696
## Regression with ARIMA(1,0,1) errors : 67.35063
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 292.1668 292.1668 292.1668 292.1668
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 228.5165
## Regression with ARIMA(1,0,0) errors : 65.67575
## Regression with ARIMA(0,0,1) errors : 173.9652
## Regression with ARIMA(0,0,0) errors : 337.752
## Regression with ARIMA(2,0,0) errors : 67.58209
## Regression with ARIMA(1,0,1) errors : 67.47916
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 293.2599 293.2599 293.2599 293.2599
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 226.7659
## Regression with ARIMA(1,0,0) errors : 65.68847
## Regression with ARIMA(0,0,1) errors : 173.786
## Regression with ARIMA(0,0,0) errors : 337.1219
## Regression with ARIMA(2,0,0) errors : 67.56223
## Regression with ARIMA(1,0,1) errors : 67.43123
## Regression with ARIMA(2,0,1) errors : Inf

```

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## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 286.8931 286.8931 286.8931 286.8931
##
## Regression with ARIMA(2,0,2) errors : 67.85043
## Regression with ARIMA(0,0,0) errors : 226.691
## Regression with ARIMA(1,0,0) errors : 63.85692
## Regression with ARIMA(0,0,1) errors : 169.4343
## Regression with ARIMA(0,0,0) errors : 336.1371
## Regression with ARIMA(2,0,0) errors : 65.04879
## Regression with ARIMA(1,0,1) errors : 64.57876
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 288.3921 288.3921 288.3921 288.3921
##
## Regression with ARIMA(2,0,2) errors : 60.69899
## Regression with ARIMA(0,0,0) errors : 226.543
## Regression with ARIMA(1,0,0) errors : 57.76603
## Regression with ARIMA(0,0,1) errors : 168.658
## Regression with ARIMA(0,0,0) errors : 335.6597
## Regression with ARIMA(2,0,0) errors : 58.68483
## Regression with ARIMA(1,0,1) errors : 58.02718
## Regression with ARIMA(2,0,1) errors : 58.7451
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 286.8774 286.8774 286.8774 286.8774
##
## Regression with ARIMA(2,0,2) errors : 60.53611
## Regression with ARIMA(0,0,0) errors : 223.8373
## Regression with ARIMA(1,0,0) errors : 57.54633
## Regression with ARIMA(0,0,1) errors : 161.7244
## Regression with ARIMA(0,0,0) errors : 333.5756
## Regression with ARIMA(2,0,0) errors : 58.55187
## Regression with ARIMA(1,0,1) errors : 57.92359
## Regression with ARIMA(2,0,1) errors : 58.68924
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 285.7611 285.7611 285.7611 285.7611
##
## Regression with ARIMA(2,0,2) errors : 60.49242
## Regression with ARIMA(0,0,0) errors : 223.6519
## Regression with ARIMA(1,0,0) errors : 57.66409
## Regression with ARIMA(0,0,1) errors : 161.4832
## Regression with ARIMA(0,0,0) errors : 331.5436
## Regression with ARIMA(2,0,0) errors : 58.65135

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## Regression with ARIMA(1,0,1) errors : 57.98521
## Regression with ARIMA(2,0,1) errors : 58.694
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 289.7178 289.7178 289.7178 289.7178
##
## Regression with ARIMA(2,0,2) errors : 59.32125
## Regression with ARIMA(0,0,0) errors : 219.9968
## Regression with ARIMA(1,0,0) errors : 56.62579
## Regression with ARIMA(0,0,1) errors : 154.5053
## Regression with ARIMA(0,0,0) errors : 329.7419
## Regression with ARIMA(2,0,0) errors : 57.60063
## Regression with ARIMA(1,0,1) errors : 56.86749
## Regression with ARIMA(2,0,1) errors : 57.72215
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 285.6292 285.6292 285.6292 285.6292
##
## Regression with ARIMA(2,0,2) errors : 59.86296
## Regression with ARIMA(0,0,0) errors : 219.7528
## Regression with ARIMA(1,0,0) errors : 57.06586
## Regression with ARIMA(0,0,1) errors : 154.519
## Regression with ARIMA(0,0,0) errors : 327.6517
## Regression with ARIMA(2,0,0) errors : 58.02203
## Regression with ARIMA(1,0,1) errors : 57.2841
## Regression with ARIMA(2,0,1) errors : 58.31361
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 292.1409 292.1409 292.1409 292.1409
##
## Regression with ARIMA(2,0,2) errors : 59.89883
## Regression with ARIMA(0,0,0) errors : 217.6109
## Regression with ARIMA(1,0,0) errors : 55.16835
## Regression with ARIMA(0,0,1) errors : 151.7066
## Regression with ARIMA(0,0,0) errors : 325.5156
## Regression with ARIMA(2,0,0) errors : 56.3795
## Regression with ARIMA(1,0,1) errors : 55.83709
## Regression with ARIMA(2,0,1) errors : 57.12523
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 284.373 284.373 284.373 284.373
##
## Regression with ARIMA(2,0,2) errors : 58.37051
## Regression with ARIMA(0,0,0) errors : 218.6101
## Regression with ARIMA(1,0,0) errors : 55.66107
## Regression with ARIMA(0,0,1) errors : 153.6569

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## Regression with ARIMA(0,0,0) errors : 323.9482
## Regression with ARIMA(2,0,0) errors : 56.68916
## Regression with ARIMA(1,0,1) errors : 55.94163
## Regression with ARIMA(2,0,1) errors : 56.82772
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 280.3036 280.3036 280.3036 280.3036
##
## Regression with ARIMA(2,0,2) errors : 57.79264
## Regression with ARIMA(0,0,0) errors : 218.4061
## Regression with ARIMA(1,0,0) errors : 55.38407
## Regression with ARIMA(0,0,1) errors : 154.0482
## Regression with ARIMA(0,0,0) errors : 323.32
## Regression with ARIMA(2,0,0) errors : 56.31685
## Regression with ARIMA(1,0,1) errors : 55.49273
## Regression with ARIMA(2,0,1) errors : 56.17898
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 280.4412 280.4412 280.4412 280.4412
##
## Regression with ARIMA(2,0,2) errors : 56.9105
## Regression with ARIMA(0,0,0) errors : 218.435
## Regression with ARIMA(1,0,0) errors : 55.03325
## Regression with ARIMA(0,0,1) errors : 154.2066
## Regression with ARIMA(0,0,0) errors : 322.3881
## Regression with ARIMA(2,0,0) errors : 55.96018
## Regression with ARIMA(1,0,1) errors : 55.03508
## Regression with ARIMA(2,0,1) errors : 55.40902
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 276.8899 276.8899 276.8899 276.8899
##
## Regression with ARIMA(2,0,2) errors : 56.95715
## Regression with ARIMA(0,0,0) errors : 218.4837
## Regression with ARIMA(1,0,0) errors : 54.83142
## Regression with ARIMA(0,0,1) errors : 154.2277
## Regression with ARIMA(0,0,0) errors : 322.1526
## Regression with ARIMA(2,0,0) errors : 55.9648
## Regression with ARIMA(1,0,1) errors : 55.09928
## Regression with ARIMA(2,0,1) errors : 55.45227
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 283.588 283.588 283.588 283.588
##
## Regression with ARIMA(2,0,2) errors : 52.15283
## Regression with ARIMA(0,0,0) errors : 219.0874

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## Regression with ARIMA(1,0,0) errors : 51.01865
## Regression with ARIMA(0,0,1) errors : 153.9975
## Regression with ARIMA(0,0,0) errors : 321.6272
## Regression with ARIMA(2,0,0) errors : 51.83427
## Regression with ARIMA(1,0,1) errors : 50.6815
## Regression with ARIMA(2,0,1) errors : 50.70905
## Regression with ARIMA(1,0,2) errors : 49.94491
## Regression with ARIMA(0,0,2) errors : 121.9154
## Regression with ARIMA(1,0,3) errors : 52.03996
## Regression with ARIMA(0,0,3) errors : 101.6733
## Regression with ARIMA(2,0,3) errors : Inf
## Regression with ARIMA(1,0,2) errors : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 284.2573 284.2573 284.2573 284.2573
##
## Regression with ARIMA(2,0,2) errors : 52.27564
## Regression with ARIMA(0,0,0) errors : 216.3678
## Regression with ARIMA(1,0,0) errors : 51.13581
## Regression with ARIMA(0,0,1) errors : 152.4697
## Regression with ARIMA(0,0,0) errors : 321.939
## Regression with ARIMA(2,0,0) errors : 51.98966
## Regression with ARIMA(1,0,1) errors : 50.86662
## Regression with ARIMA(2,0,1) errors : 50.83769
## Regression with ARIMA(3,0,1) errors : 51.99232
## Regression with ARIMA(1,0,2) errors : 50.08604
## Regression with ARIMA(0,0,2) errors : 123.426
## Regression with ARIMA(1,0,3) errors : 52.14013
## Regression with ARIMA(0,0,3) errors : 102.417
## Regression with ARIMA(2,0,3) errors : Inf
## Regression with ARIMA(1,0,2) errors : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 278.7922 278.7922 278.7922 278.7922
##
## Regression with ARIMA(2,0,2) errors : 53.63737
## Regression with ARIMA(0,0,0) errors : 214.8869
## Regression with ARIMA(1,0,0) errors : 53.01755
## Regression with ARIMA(0,0,1) errors : 152.8193
## Regression with ARIMA(0,0,0) errors : 322.8719
## Regression with ARIMA(2,0,0) errors : 53.82735
## Regression with ARIMA(1,0,1) errors : 52.56779
## Regression with ARIMA(2,0,1) errors : 52.39731
## Regression with ARIMA(3,0,1) errors : 53.2335
## Regression with ARIMA(1,0,2) errors : 51.42732
## Regression with ARIMA(0,0,2) errors : 123.7502
## Regression with ARIMA(1,0,3) errors : 53.51954
## Regression with ARIMA(0,0,3) errors : 104.1725
## Regression with ARIMA(2,0,3) errors : Inf
## ARIMA(1,0,2) with zero mean : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors

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##
## [1] 285.3521 285.3521 285.3521 285.3521
##
## Regression with ARIMA(2,0,2) errors : 53.63738
## Regression with ARIMA(0,0,0) errors : 212.6069
## Regression with ARIMA(1,0,0) errors : 53.00779
## Regression with ARIMA(0,0,1) errors : 150.4246
## Regression with ARIMA(0,0,0) errors : 324.1498
## Regression with ARIMA(2,0,0) errors : 53.81255
## Regression with ARIMA(1,0,1) errors : 52.5637
## Regression with ARIMA(2,0,1) errors : 52.39788
## Regression with ARIMA(3,0,1) errors : 53.23376
## Regression with ARIMA(1,0,2) errors : 51.42592
## Regression with ARIMA(0,0,2) errors : 122.2361
## Regression with ARIMA(1,0,3) errors : 53.52331
## Regression with ARIMA(0,0,3) errors : 103.69
## Regression with ARIMA(2,0,3) errors : Inf
## ARIMA(1,0,2) with zero mean      : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 284.7118 284.7118 284.7118 284.7118
##
## Regression with ARIMA(2,0,2) errors : 53.34016
## Regression with ARIMA(0,0,0) errors : 213.1248
## Regression with ARIMA(1,0,0) errors : 52.36487
## Regression with ARIMA(0,0,1) errors : 152.5712
## Regression with ARIMA(0,0,0) errors : 325.3795
## Regression with ARIMA(2,0,0) errors : 53.37444
## Regression with ARIMA(1,0,1) errors : 52.27638
## Regression with ARIMA(2,0,1) errors : 52.15773
## Regression with ARIMA(3,0,1) errors : 52.95492
## Regression with ARIMA(1,0,2) errors : 51.12811
## Regression with ARIMA(0,0,2) errors : 126.1643
## Regression with ARIMA(1,0,3) errors : 53.22913
## Regression with ARIMA(0,0,3) errors : 104.5326
## Regression with ARIMA(2,0,3) errors : Inf
## ARIMA(1,0,2) with zero mean      : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 285.1388 285.1388 285.1388 285.1388
##
## Regression with ARIMA(2,0,2) errors : 53.21399
## Regression with ARIMA(0,0,0) errors : 211.7986
## Regression with ARIMA(1,0,0) errors : 52.49089
## Regression with ARIMA(0,0,1) errors : 152.7198
## Regression with ARIMA(0,0,0) errors : 327.0559
## Regression with ARIMA(2,0,0) errors : 53.57445
## Regression with ARIMA(1,0,1) errors : 52.49181
## Regression with ARIMA(2,0,1) errors : 52.15775
## Regression with ARIMA(3,0,1) errors : 52.75316
## Regression with ARIMA(1,0,2) errors : 51.03519
## Regression with ARIMA(0,0,2) errors : 126.3618

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## Regression with ARIMA(1,0,3) errors : 53.05001
## Regression with ARIMA(0,0,3) errors : 105.7957
## Regression with ARIMA(2,0,3) errors : Inf
## ARIMA(1,0,2) with zero mean      : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 291.7546 291.7546 291.7546 291.7546
##
## Regression with ARIMA(2,0,2) errors : 54.17663
## Regression with ARIMA(0,0,0) errors : 207.7664
## Regression with ARIMA(1,0,0) errors : 53.35322
## Regression with ARIMA(0,0,1) errors : 150.4127
## Regression with ARIMA(0,0,0) errors : 327.9809
## Regression with ARIMA(2,0,0) errors : 54.58544
## Regression with ARIMA(1,0,1) errors : 53.62308
## Regression with ARIMA(2,0,1) errors : 53.20497
## Regression with ARIMA(3,0,1) errors : 53.72977
## Regression with ARIMA(1,0,2) errors : 52.03137
## Regression with ARIMA(0,0,2) errors : 125.0851
## Regression with ARIMA(1,0,3) errors : 53.97019
## Regression with ARIMA(0,0,3) errors : 104.6378
## Regression with ARIMA(2,0,3) errors : Inf
## ARIMA(1,0,2) with zero mean      : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 291.3928 291.3928 291.3928 291.3928
##
## Regression with ARIMA(2,0,2) errors : 53.76463
## Regression with ARIMA(0,0,0) errors : 207.401
## Regression with ARIMA(1,0,0) errors : 52.80258
## Regression with ARIMA(0,0,1) errors : 151.7731
## Regression with ARIMA(0,0,0) errors : 328.4556
## Regression with ARIMA(2,0,0) errors : 54.05799
## Regression with ARIMA(1,0,1) errors : 53.18556
## Regression with ARIMA(2,0,1) errors : 52.64477
## Regression with ARIMA(3,0,1) errors : 53.46609
## Regression with ARIMA(1,0,2) errors : 51.68526
## Regression with ARIMA(0,0,2) errors : 127.9235
## Regression with ARIMA(1,0,3) errors : 53.50416
## Regression with ARIMA(0,0,3) errors : 105.5126
## Regression with ARIMA(2,0,3) errors : Inf
## ARIMA(1,0,2) with zero mean      : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 287.6321 287.6321 287.6321 287.6321
##
## Regression with ARIMA(2,0,2) errors : 53.71691
## Regression with ARIMA(0,0,0) errors : 204.7382
## Regression with ARIMA(1,0,0) errors : 52.77187
## Regression with ARIMA(0,0,1) errors : 150.6902
## Regression with ARIMA(0,0,0) errors : 328.6901

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## Regression with ARIMA(2,0,0) errors : 54.05447
## Regression with ARIMA(1,0,1) errors : 53.18558
## Regression with ARIMA(2,0,1) errors : 52.58773
## Regression with ARIMA(3,0,1) errors : 53.46049
## Regression with ARIMA(1,0,2) errors : 51.6693
## Regression with ARIMA(0,0,2) errors : 127.9297
## Regression with ARIMA(1,0,3) errors : 53.42174
## Regression with ARIMA(0,0,3) errors : 105.9332
## Regression with ARIMA(2,0,3) errors : Inf
## ARIMA(1,0,2) with zero mean      : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 290.0004 290.0004 290.0004 290.0004
##
## Regression with ARIMA(2,0,2) errors : 52.85643
## Regression with ARIMA(0,0,0) errors : 198.5062
## Regression with ARIMA(1,0,0) errors : 50.88454
## Regression with ARIMA(0,0,1) errors : 147.2334
## Regression with ARIMA(0,0,0) errors : 328.9666
## Regression with ARIMA(2,0,0) errors : 52.42967
## Regression with ARIMA(1,0,1) errors : 51.85742
## Regression with ARIMA(2,0,1) errors : 51.71429
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 289.2683 289.2683 289.2683 289.2683
##
## Regression with ARIMA(2,0,2) errors : 51.99872
## Regression with ARIMA(0,0,0) errors : 198.0289
## Regression with ARIMA(1,0,0) errors : 50.5379
## Regression with ARIMA(0,0,1) errors : 145.3771
## Regression with ARIMA(0,0,0) errors : 329.1515
## Regression with ARIMA(2,0,0) errors : 51.9302
## Regression with ARIMA(1,0,1) errors : 51.18856
## Regression with ARIMA(2,0,1) errors : 50.81091
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 289.6488 289.6488 289.6488 289.6488
##
## Regression with ARIMA(2,0,2) errors : 50.76282
## Regression with ARIMA(0,0,0) errors : 197.8283
## Regression with ARIMA(1,0,0) errors : 49.71826
## Regression with ARIMA(0,0,1) errors : 145.1786
## Regression with ARIMA(0,0,0) errors : 329.5066
## Regression with ARIMA(2,0,0) errors : 51.06495
## Regression with ARIMA(1,0,1) errors : 50.28088
## Regression with ARIMA(2,0,1) errors : 49.64741
## Regression with ARIMA(3,0,1) errors : 50.60951
## Regression with ARIMA(1,0,2) errors : 48.73473
## Regression with ARIMA(0,0,2) errors : 123.8959

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## Regression with ARIMA(1,0,3) errors : 50.49578
## Regression with ARIMA(0,0,3) errors : 101.1751
## Regression with ARIMA(2,0,3) errors : Inf
## ARIMA(1,0,2) with zero mean      : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 293.3352 293.3352 293.3352 293.3352
##
## Regression with ARIMA(2,0,2) errors : 51.00429
## Regression with ARIMA(0,0,0) errors : 194.7292
## Regression with ARIMA(1,0,0) errors : 49.82597
## Regression with ARIMA(0,0,1) errors : 139.7199
## Regression with ARIMA(0,0,0) errors : 329.4814
## Regression with ARIMA(2,0,0) errors : 51.31314
## Regression with ARIMA(1,0,1) errors : 50.65546
## Regression with ARIMA(2,0,1) errors : 49.93205
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 295.8342 295.8342 295.8342 295.8342
##
## Regression with ARIMA(2,0,2) errors : 50.91398
## Regression with ARIMA(0,0,0) errors : 194.8967
## Regression with ARIMA(1,0,0) errors : 49.98799
## Regression with ARIMA(0,0,1) errors : 139.9008
## Regression with ARIMA(0,0,0) errors : 329.3558
## Regression with ARIMA(2,0,0) errors : 51.42955
## Regression with ARIMA(1,0,1) errors : 50.73023
## Regression with ARIMA(2,0,1) errors : 49.92651
## Regression with ARIMA(3,0,1) errors : 50.66086
## Regression with ARIMA(1,0,2) errors : 49.01696
## Regression with ARIMA(0,0,2) errors : 122.0452
## Regression with ARIMA(1,0,3) errors : 50.48928
## Regression with ARIMA(0,0,3) errors : 99.89245
## Regression with ARIMA(2,0,3) errors : Inf
## ARIMA(1,0,2) with zero mean      : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 292.271 292.271 292.271 292.271
##
## Regression with ARIMA(2,0,2) errors : 51.33344
## Regression with ARIMA(0,0,0) errors : 195.0401
## Regression with ARIMA(1,0,0) errors : 50.27036
## Regression with ARIMA(0,0,1) errors : 138.1502
## Regression with ARIMA(0,0,0) errors : 329.25
## Regression with ARIMA(2,0,0) errors : 51.63498
## Regression with ARIMA(1,0,1) errors : 50.8406
## Regression with ARIMA(2,0,1) errors : 50.22531
## Regression with ARIMA(3,0,1) errors : 51.05299
## Regression with ARIMA(1,0,2) errors : 49.3526
## Regression with ARIMA(0,0,2) errors : 119.8793

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## Regression with ARIMA(1,0,3) errors : 50.9702
## Regression with ARIMA(0,0,3) errors : 99.3601
## Regression with ARIMA(2,0,3) errors : Inf
## Regression with ARIMA(1,0,2) errors : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 294.8076 294.8076 294.8076 294.8076
##
## Regression with ARIMA(2,0,2) errors : 48.44536
## Regression with ARIMA(0,0,0) errors : 195.0396
## Regression with ARIMA(1,0,0) errors : 47.69647
## Regression with ARIMA(0,0,1) errors : 137.3101
## Regression with ARIMA(0,0,0) errors : 329.0638
## Regression with ARIMA(2,0,0) errors : 48.82687
## Regression with ARIMA(1,0,1) errors : 47.81381
## Regression with ARIMA(2,0,1) errors : 47.51289
## Regression with ARIMA(3,0,1) errors : 48.07271
## Regression with ARIMA(1,0,2) errors : 46.27405
## Regression with ARIMA(0,0,2) errors : 118.2386
## Regression with ARIMA(1,0,3) errors : 48.28662
## Regression with ARIMA(0,0,3) errors : 97.97892
## Regression with ARIMA(2,0,3) errors : Inf
## ARIMA(1,0,2) with zero mean      : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 294.3388 294.3388 294.3388 294.3388
##
## Regression with ARIMA(2,0,2) errors : 48.95351
## Regression with ARIMA(0,0,0) errors : 193.2872
## Regression with ARIMA(1,0,0) errors : 47.14483
## Regression with ARIMA(0,0,1) errors : 134.8298
## Regression with ARIMA(0,0,0) errors : 328.5931
## Regression with ARIMA(2,0,0) errors : 48.33242
## Regression with ARIMA(1,0,1) errors : 47.53932
## Regression with ARIMA(2,0,1) errors : 47.7813
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 297.9955 297.9955 297.9955 297.9955
##
## Regression with ARIMA(2,0,2) errors : 50.33293
## Regression with ARIMA(0,0,0) errors : 193.8895
## Regression with ARIMA(1,0,0) errors : 48.90955
## Regression with ARIMA(0,0,1) errors : 135.8559
## Regression with ARIMA(0,0,0) errors : 328.6359
## Regression with ARIMA(2,0,0) errors : 49.88456
## Regression with ARIMA(1,0,1) errors : 48.89198
## Regression with ARIMA(2,0,1) errors : 49.02602
## Regression with ARIMA(1,0,2) errors : 48.15296
## Regression with ARIMA(0,0,2) errors : 116.9362
## Regression with ARIMA(1,0,3) errors : 50.16689

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## Regression with ARIMA(0,0,3) errors : 96.65815
## Regression with ARIMA(2,0,3) errors : 52.23902
## Regression with ARIMA(1,0,2) errors : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 299.6573 299.6573 299.6573 299.6573
##
## Regression with ARIMA(2,0,2) errors : 48.73515
## Regression with ARIMA(0,0,0) errors : 193.861
## Regression with ARIMA(1,0,0) errors : 47.9157
## Regression with ARIMA(0,0,1) errors : 136.1892
## Regression with ARIMA(0,0,0) errors : 328.514
## Regression with ARIMA(2,0,0) errors : 48.98765
## Regression with ARIMA(1,0,1) errors : 47.95738
## Regression with ARIMA(2,0,1) errors : 47.62199
## Regression with ARIMA(3,0,1) errors : 48.40715
## Regression with ARIMA(1,0,2) errors : 46.6023
## Regression with ARIMA(0,0,2) errors : 117.2989
## Regression with ARIMA(1,0,3) errors : 48.52539
## Regression with ARIMA(0,0,3) errors : 96.59323
## Regression with ARIMA(2,0,3) errors : Inf
## ARIMA(1,0,2) with zero mean      : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 300.0216 300.0216 300.0216 300.0216
##
## Regression with ARIMA(2,0,2) errors : 50.93786
## Regression with ARIMA(0,0,0) errors : 193.3297
## Regression with ARIMA(1,0,0) errors : 49.41164
## Regression with ARIMA(0,0,1) errors : 136.6208
## Regression with ARIMA(0,0,0) errors : 328.3606
## Regression with ARIMA(2,0,0) errors : 50.69484
## Regression with ARIMA(1,0,1) errors : 49.94321
## Regression with ARIMA(2,0,1) errors : 49.54903
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 299.6753 299.6753 299.6753 299.6753
##
## Regression with ARIMA(2,0,2) errors : 50.57477
## Regression with ARIMA(0,0,0) errors : 192.8471
## Regression with ARIMA(1,0,0) errors : 49.348
## Regression with ARIMA(0,0,1) errors : 136.1419
## Regression with ARIMA(0,0,0) errors : 328.4063
## Regression with ARIMA(2,0,0) errors : 50.57962
## Regression with ARIMA(1,0,1) errors : 49.7901
## Regression with ARIMA(2,0,1) errors : 49.1682
## Regression with ARIMA(3,0,1) errors : 50.46548
## Regression with ARIMA(1,0,2) errors : 48.69073
## Regression with ARIMA(0,0,2) errors : 117.8026
## Regression with ARIMA(1,0,3) errors : 50.17871

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## Regression with ARIMA(0,0,3) errors : 97.28365
## Regression with ARIMA(2,0,3) errors : Inf
## Regression with ARIMA(1,0,2) errors : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 301.0839 301.0839 301.0839 301.0839
##
## Regression with ARIMA(2,0,2) errors : 51.00178
## Regression with ARIMA(0,0,0) errors : 192.7518
## Regression with ARIMA(1,0,0) errors : 49.53844
## Regression with ARIMA(0,0,1) errors : 136.4411
## Regression with ARIMA(0,0,0) errors : 328.0374
## Regression with ARIMA(2,0,0) errors : 50.76491
## Regression with ARIMA(1,0,1) errors : 50.00701
## Regression with ARIMA(2,0,1) errors : 49.46968
## Regression with ARIMA(3,0,1) errors : 50.93311
## Regression with ARIMA(1,0,2) errors : 49.13019
## Regression with ARIMA(0,0,2) errors : 118.2375
## Regression with ARIMA(1,0,3) errors : 50.60741
## Regression with ARIMA(0,0,3) errors : 97.22576
## Regression with ARIMA(2,0,3) errors : Inf
## Regression with ARIMA(1,0,2) errors : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 301.1082 301.1082 301.1082 301.1082
##
## Regression with ARIMA(2,0,2) errors : 51.18391
## Regression with ARIMA(0,0,0) errors : 192.1085
## Regression with ARIMA(1,0,0) errors : 49.82555
## Regression with ARIMA(0,0,1) errors : 136.3783
## Regression with ARIMA(0,0,0) errors : 328.1843
## Regression with ARIMA(2,0,0) errors : 51.08272
## Regression with ARIMA(1,0,1) errors : 50.3585
## Regression with ARIMA(2,0,1) errors : 49.67664
## Regression with ARIMA(3,0,1) errors : 51.10721
## Regression with ARIMA(1,0,2) errors : 49.39877
## Regression with ARIMA(0,0,2) errors : 118.2835
## Regression with ARIMA(1,0,3) errors : 50.72353
## Regression with ARIMA(0,0,3) errors : 97.43603
## Regression with ARIMA(2,0,3) errors : Inf
## Regression with ARIMA(1,0,2) errors : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 301.4114 301.4114 301.4114 301.4114
##
## Regression with ARIMA(2,0,2) errors : 50.80418
## Regression with ARIMA(0,0,0) errors : 192.425
## Regression with ARIMA(1,0,0) errors : 50.23452
## Regression with ARIMA(0,0,1) errors : 135.5325
## Regression with ARIMA(0,0,0) errors : 328.865
## Regression with ARIMA(2,0,0) errors : 51.25745

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## Regression with ARIMA(1,0,1) errors : 50.22608
## Regression with ARIMA(2,0,1) errors : 49.33413
## Regression with ARIMA(3,0,1) errors : 50.71673
## Regression with ARIMA(1,0,2) errors : 48.89107
## Regression with ARIMA(0,0,2) errors : 117.197
## Regression with ARIMA(1,0,3) errors : 50.46007
## Regression with ARIMA(0,0,3) errors : 96.34626
## Regression with ARIMA(2,0,3) errors : Inf
## Regression with ARIMA(1,0,2) errors : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 299.6352 299.6352 299.6352 299.6352
##
## Regression with ARIMA(2,0,2) errors : 52.12559
## Regression with ARIMA(0,0,0) errors : 192.302
## Regression with ARIMA(1,0,0) errors : 51.58319
## Regression with ARIMA(0,0,1) errors : 135.4966
## Regression with ARIMA(0,0,0) errors : 328.7327
## Regression with ARIMA(2,0,0) errors : 52.46845
## Regression with ARIMA(1,0,1) errors : 51.29158
## Regression with ARIMA(2,0,1) errors : 50.55351
## Regression with ARIMA(3,0,1) errors : 51.9909
## Regression with ARIMA(1,0,2) errors : 50.14355
## Regression with ARIMA(0,0,2) errors : 117.0954
## Regression with ARIMA(1,0,3) errors : 51.82144
## Regression with ARIMA(0,0,3) errors : 96.4995
## Regression with ARIMA(2,0,3) errors : Inf
## Regression with ARIMA(1,0,2) errors : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 301.8257 301.8257 301.8257 301.8257
##
## Regression with ARIMA(2,1,2) errors : 49.81866
## Regression with ARIMA(0,1,0) errors : 46.85792
## Regression with ARIMA(1,1,0) errors : 48.72857
## Regression with ARIMA(0,1,1) errors : 48.48418
## Regression with ARIMA(1,1,1) errors : 47.39999
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 300.9686 300.9686 300.9686 300.9686
##
## Regression with ARIMA(2,1,2) errors : 52.61129
## Regression with ARIMA(0,1,0) errors : 47.92501
## Regression with ARIMA(1,1,0) errors : 49.98941
## Regression with ARIMA(0,1,1) errors : 49.94445
## Regression with ARIMA(1,1,1) errors : 50.22317
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 301.6566 301.6566 301.6566 301.6566
##

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## Regression with ARIMA(2,1,2) errors : 52.32259
## Regression with ARIMA(0,1,0) errors : 48.94119
## Regression with ARIMA(1,1,0) errors : 50.9336
## Regression with ARIMA(0,1,1) errors : 50.81289
## Regression with ARIMA(1,1,1) errors : 49.86725
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 299.7841 299.7841 299.7841 299.7841
##
## Regression with ARIMA(2,0,2) errors : 54.74729
## Regression with ARIMA(0,0,0) errors : 191.6733
## Regression with ARIMA(1,0,0) errors : 52.19178
## Regression with ARIMA(0,0,1) errors : 136.5117
## Regression with ARIMA(0,0,0) errors : 330.0605
## Regression with ARIMA(2,0,0) errors : 54.03396
## Regression with ARIMA(1,0,1) errors : 53.75351
## Regression with ARIMA(2,0,1) errors : 53.46524
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 300.3628 300.3628 300.3628 300.3628
##
## Regression with ARIMA(2,0,2) errors : 54.64006
## Regression with ARIMA(0,0,0) errors : 191.1183
## Regression with ARIMA(1,0,0) errors : 52.18081
## Regression with ARIMA(0,0,1) errors : 136.5775
## Regression with ARIMA(0,0,0) errors : 330.3331
## Regression with ARIMA(2,0,0) errors : 54.02333
## Regression with ARIMA(1,0,1) errors : 53.73995
## Regression with ARIMA(2,0,1) errors : 53.43229
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 301.2864 301.2864 301.2864 301.2864
##
## Regression with ARIMA(2,0,2) errors : 54.54798
## Regression with ARIMA(0,0,0) errors : 189.9544
## Regression with ARIMA(1,0,0) errors : 52.19452
## Regression with ARIMA(0,0,1) errors : 135.7198
## Regression with ARIMA(0,0,0) errors : 330.6188
## Regression with ARIMA(2,0,0) errors : 54.03291
## Regression with ARIMA(1,0,1) errors : 53.74073
## Regression with ARIMA(2,0,1) errors : 53.3413
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 301.1633 301.1633 301.1633 301.1633
##
## Regression with ARIMA(2,0,2) errors : 54.22551
## Regression with ARIMA(0,0,0) errors : 188.9578

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## Regression with ARIMA(1,0,0) errors : 52.31527
## Regression with ARIMA(0,0,1) errors : 135.8271
## Regression with ARIMA(0,0,0) errors : 331.2771
## Regression with ARIMA(2,0,0) errors : 54.10925
## Regression with ARIMA(1,0,1) errors : 53.73495
## Regression with ARIMA(2,0,1) errors : 53.34248
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 300.7453 300.7453 300.7453 300.7453
##
## Regression with ARIMA(2,0,2) errors : 55.9262
## Regression with ARIMA(0,0,0) errors : 188.0196
## Regression with ARIMA(1,0,0) errors : 53.67585
## Regression with ARIMA(0,0,1) errors : 135.5471
## Regression with ARIMA(0,0,0) errors : 331.5483
## Regression with ARIMA(2,0,0) errors : 55.49668
## Regression with ARIMA(1,0,1) errors : 55.14786
## Regression with ARIMA(2,0,1) errors : 55.05882
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 300.0841 300.0841 300.0841 300.0841
##
## Regression with ARIMA(2,0,2) errors : 54.19319
## Regression with ARIMA(0,0,0) errors : 188.3765
## Regression with ARIMA(1,0,0) errors : 51.58265
## Regression with ARIMA(0,0,1) errors : 135.5594
## Regression with ARIMA(0,0,0) errors : 331.6521
## Regression with ARIMA(2,0,0) errors : 53.41489
## Regression with ARIMA(1,0,1) errors : 53.1248
## Regression with ARIMA(2,0,1) errors : 53.23157
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 301.484 301.484 301.484 301.484
##
## Regression with ARIMA(2,0,2) errors : 54.06869
## Regression with ARIMA(0,0,0) errors : 186.049
## Regression with ARIMA(1,0,0) errors : 51.95624
## Regression with ARIMA(0,0,1) errors : 134.8207
## Regression with ARIMA(0,0,0) errors : 331.9914
## Regression with ARIMA(2,0,0) errors : 53.77294
## Regression with ARIMA(1,0,1) errors : 53.42425
## Regression with ARIMA(2,0,1) errors : 53.23212
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 296.6468 296.6468 296.6468 296.6468
##

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## Regression with ARIMA(2,0,2) errors : 56.5484
## Regression with ARIMA(0,0,0) errors : 187.5697
## Regression with ARIMA(1,0,0) errors : 54.38278
## Regression with ARIMA(0,0,1) errors : 135.8461
## Regression with ARIMA(0,0,0) errors : 331.9085
## Regression with ARIMA(2,0,0) errors : 56.24667
## Regression with ARIMA(1,0,1) errors : 55.95154
## Regression with ARIMA(2,0,1) errors : 55.54105
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 297.3405 297.3405 297.3405 297.3405
##
## Regression with ARIMA(2,0,2) errors : 58.76067
## Regression with ARIMA(0,0,0) errors : 186.8345
## Regression with ARIMA(1,0,0) errors : 55.97232
## Regression with ARIMA(0,0,1) errors : 136.6733
## Regression with ARIMA(0,0,0) errors : 332.008
## Regression with ARIMA(2,0,0) errors : 58.0306
## Regression with ARIMA(1,0,1) errors : 57.92034
## Regression with ARIMA(2,0,1) errors : 57.18147
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 295.3073 295.3073 295.3073 295.3073
##
## Regression with ARIMA(2,0,2) errors : 59.96308
## Regression with ARIMA(0,0,0) errors : 185.3889
## Regression with ARIMA(1,0,0) errors : 56.37989
## Regression with ARIMA(0,0,1) errors : 137.2726
## Regression with ARIMA(0,0,0) errors : 331.9786
## Regression with ARIMA(2,0,0) errors : 58.50372
## Regression with ARIMA(1,0,1) errors : 58.45254
## Regression with ARIMA(2,0,1) errors : 57.6552
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 294.9488 294.9488 294.9488 294.9488
##
## Regression with ARIMA(2,0,2) errors : 59.96567
## Regression with ARIMA(0,0,0) errors : 185.441
## Regression with ARIMA(1,0,0) errors : 56.59228
## Regression with ARIMA(0,0,1) errors : 136.7428
## Regression with ARIMA(0,0,0) errors : 331.8702
## Regression with ARIMA(2,0,0) errors : 58.70651
## Regression with ARIMA(1,0,1) errors : 58.64262
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##

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## [1] 295.9119 295.9119 295.9119 295.9119
##
## Regression with ARIMA(2,0,2) errors : 57.15959
## Regression with ARIMA(0,0,0) errors : 186.0197
## Regression with ARIMA(1,0,0) errors : 53.76081
## Regression with ARIMA(0,0,1) errors : 137.895
## Regression with ARIMA(0,0,0) errors : 331.7125
## Regression with ARIMA(2,0,0) errors : 55.93507
## Regression with ARIMA(1,0,1) errors : 55.91505
## Regression with ARIMA(2,0,1) errors : 55.26901
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 295.5286 295.5286 295.5286 295.5286
##
## Regression with ARIMA(2,0,2) errors : 57.03052
## Regression with ARIMA(0,0,0) errors : 185.5591
## Regression with ARIMA(1,0,0) errors : 53.2934
## Regression with ARIMA(0,0,1) errors : 137.5176
## Regression with ARIMA(0,0,0) errors : 330.7263
## Regression with ARIMA(2,0,0) errors : 55.44777
## Regression with ARIMA(1,0,1) errors : 55.41804
## Regression with ARIMA(2,0,1) errors : 54.77232
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 289.6776 289.6776 289.6776 289.6776
##
## Regression with ARIMA(2,0,2) errors : 57.08011
## Regression with ARIMA(0,0,0) errors : 184.8659
## Regression with ARIMA(1,0,0) errors : 52.52778
## Regression with ARIMA(0,0,1) errors : 136.3971
## Regression with ARIMA(0,0,0) errors : 329.0726
## Regression with ARIMA(2,0,0) errors : 54.72911
## Regression with ARIMA(1,0,1) errors : 54.72647
## Regression with ARIMA(2,0,1) errors : 54.13362
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 289.3326 289.3326 289.3326 289.3326
##
## Regression with ARIMA(2,0,2) errors : 60.20556
## Regression with ARIMA(0,0,0) errors : 185.6762
## Regression with ARIMA(1,0,0) errors : 55.31192
## Regression with ARIMA(0,0,1) errors : 138.6465
## Regression with ARIMA(0,0,0) errors : 327.4835
## Regression with ARIMA(2,0,0) errors : 57.15323
## Regression with ARIMA(1,0,1) errors : 57.03159
## Regression with ARIMA(2,0,1) errors : 58.24933
## Regression with ARIMA(1,0,0) errors : Inf
##

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## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 286.6354 286.6354 286.6354 286.6354
##
## Regression with ARIMA(2,0,2) errors : 52.55389
## Regression with ARIMA(0,0,0) errors : 185.5712
## Regression with ARIMA(1,0,0) errors : 46.85152
## Regression with ARIMA(0,0,1) errors : 139.3303
## Regression with ARIMA(0,0,0) errors : 326.4764
## Regression with ARIMA(2,0,0) errors : 48.74846
## Regression with ARIMA(1,0,1) errors : 48.67949
## Regression with ARIMA(2,0,1) errors : 50.87464
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 287.445 287.445 287.445 287.445
##
## Regression with ARIMA(2,0,2) errors : 50.41148
## Regression with ARIMA(0,0,0) errors : 182.9753
## Regression with ARIMA(1,0,0) errors : 44.54802
## Regression with ARIMA(0,0,1) errors : 140.5743
## Regression with ARIMA(0,0,0) errors : 322.9204
## Regression with ARIMA(2,0,0) errors : 46.37936
## Regression with ARIMA(1,0,1) errors : 46.33788
## Regression with ARIMA(2,0,1) errors : 48.57815
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 281.2307 281.2307 281.2307 281.2307
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 40.00354
## Regression with ARIMA(1,1,0) errors : 40.88005
## Regression with ARIMA(0,1,1) errors : 40.71995
## Regression with ARIMA(1,1,1) errors : 42.87929
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 284.6978 284.6978 284.6978 284.6978
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 36.93856
## Regression with ARIMA(1,1,0) errors : 36.7261
## Regression with ARIMA(0,1,1) errors : 36.68615
## Regression with ARIMA(1,1,1) errors : 38.81029
## Regression with ARIMA(0,1,2) errors : 38.75275
## Regression with ARIMA(1,1,2) errors : 41.04016
##
## Best model: Regression with ARIMA(0,1,1) errors
##
## [1] 283.4943 283.4943 283.4943 283.4943
##

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## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 32.52658
## Regression with ARIMA(1,1,0) errors : 33.55827
## Regression with ARIMA(0,1,1) errors : 33.50655
## Regression with ARIMA(1,1,1) errors : 35.66979
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 287.3315 287.3315 287.3315 287.3315
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 30.25989
## Regression with ARIMA(1,1,0) errors : 31.46278
## Regression with ARIMA(0,1,1) errors : 31.40845
## Regression with ARIMA(1,1,1) errors : 33.57422
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 280.2182 280.2182 280.2182 280.2182
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 31.06143
## Regression with ARIMA(1,1,0) errors : 32.21382
## Regression with ARIMA(0,1,1) errors : 32.16149
## Regression with ARIMA(1,1,1) errors : 34.32685
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 287.3274 287.3274 287.3274 287.3274
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 31.75362
## Regression with ARIMA(1,1,0) errors : 32.85345
## Regression with ARIMA(0,1,1) errors : 32.78395
## Regression with ARIMA(1,1,1) errors : 34.94968
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 291.4782 291.4782 291.4782 291.4782
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 31.69612
## Regression with ARIMA(1,1,0) errors : 32.99192
## Regression with ARIMA(0,1,1) errors : 32.92711
## Regression with ARIMA(1,1,1) errors : 35.09092
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 283.4267 283.4267 283.4267 283.4267
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 32.49079
## Regression with ARIMA(1,1,0) errors : 33.92076
## Regression with ARIMA(0,1,1) errors : 33.87239

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## Regression with ARIMA(1,1,1) errors : 36.03677
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 284.1432 284.1432 284.1432 284.1432
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 30.87809
## Regression with ARIMA(1,1,0) errors : 31.97707
## Regression with ARIMA(0,1,1) errors : 31.92531
## Regression with ARIMA(1,1,1) errors : 34.09063
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 287.7736 287.7736 287.7736 287.7736
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 30.30003
## Regression with ARIMA(1,1,0) errors : 31.40014
## Regression with ARIMA(0,1,1) errors : 31.33569
## Regression with ARIMA(1,1,1) errors : 33.50142
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 286.8498 286.8498 286.8498 286.8498
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 30.28768
## Regression with ARIMA(1,1,0) errors : 31.4058
## Regression with ARIMA(0,1,1) errors : 31.34204
## Regression with ARIMA(1,1,1) errors : 33.50779
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 289.8952 289.8952 289.8952 289.8952
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 31.11926
## Regression with ARIMA(1,1,0) errors : 32.23888
## Regression with ARIMA(0,1,1) errors : 32.14505
## Regression with ARIMA(1,1,1) errors : 34.30674
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 286.9344 286.9344 286.9344 286.9344
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 31.45391
## Regression with ARIMA(1,1,0) errors : 32.4379
## Regression with ARIMA(0,1,1) errors : 32.3137
## Regression with ARIMA(1,1,1) errors : 34.47235
##
## Best model: Regression with ARIMA(0,1,0) errors
##

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## [1] 287.9142 287.9142 287.9142 287.9142
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 29.47466
## Regression with ARIMA(1,1,0) errors : 30.29562
## Regression with ARIMA(0,1,1) errors : 30.15993
## Regression with ARIMA(1,1,1) errors : 32.32024
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 282.2137 282.2137 282.2137 282.2137
##
## ARIMA(2,1,2) : Inf
## Regression with ARIMA(0,1,0) errors : 28.66593
## Regression with ARIMA(1,1,0) errors : 29.3876
## Regression with ARIMA(0,1,1) errors : 29.243
## Regression with ARIMA(1,1,1) errors : 31.4032
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 291.9824 291.9824 291.9824 291.9824
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 32.39103
## Regression with ARIMA(1,1,0) errors : 33.19234
## Regression with ARIMA(0,1,1) errors : 33.08385
## Regression with ARIMA(1,1,1) errors : 35.24768
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 293.6511 293.6511 293.6511 293.6511
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 34.27976
## Regression with ARIMA(1,1,0) errors : 35.3102
## Regression with ARIMA(0,1,1) errors : 35.19932
## Regression with ARIMA(1,1,1) errors : 37.35589
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 291.2775 291.2775 291.2775 291.2775
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 34.08958
## Regression with ARIMA(1,1,0) errors : 35.12444
## Regression with ARIMA(0,1,1) errors : 35.01541
## Regression with ARIMA(1,1,1) errors : 37.1726
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 294.8068 294.8068 294.8068 294.8068
##
## Regression with ARIMA(2,1,2) errors : 35.69373
## Regression with ARIMA(0,1,0) errors : 33.79273

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## Regression with ARIMA(1,1,0) errors : 34.67202
## Regression with ARIMA(0,1,1) errors : 34.58874
## Regression with ARIMA(1,1,1) errors : 36.75398
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 295.5426 295.5426 295.5426 295.5426
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 33.67329
## Regression with ARIMA(1,1,0) errors : 34.71447
## Regression with ARIMA(0,1,1) errors : 34.6022
## Regression with ARIMA(1,1,1) errors : 36.75707
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 294.9225 294.9225 294.9225 294.9225
##
## Regression with ARIMA(2,1,2) errors : 35.1354
## Regression with ARIMA(0,1,0) errors : 32.87559
## Regression with ARIMA(1,1,0) errors : 34.20263
## Regression with ARIMA(0,1,1) errors : 34.14333
## Regression with ARIMA(1,1,1) errors : 36.30409
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 291.7123 291.7123 291.7123 291.7123
##
## Regression with ARIMA(2,1,2) errors : 30.4094
## Regression with ARIMA(0,1,0) errors : 30.23427
## Regression with ARIMA(1,1,0) errors : 30.99324
## Regression with ARIMA(0,1,1) errors : 30.96652
## Regression with ARIMA(1,1,1) errors : 33.12476
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 295.8187 295.8187 295.8187 295.8187
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 25.16023
## Regression with ARIMA(1,1,0) errors : 26.46305
## Regression with ARIMA(0,1,1) errors : 26.43399
## Regression with ARIMA(1,1,1) errors : 28.59983
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 298.5903 298.5903 298.5903 298.5903
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 25.47769
## Regression with ARIMA(1,1,0) errors : 26.65625
## Regression with ARIMA(0,1,1) errors : 26.64056
## Regression with ARIMA(1,1,1) errors : 28.80257
##

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## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 295.3687 295.3687 295.3687 295.3687
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 29.75242
## Regression with ARIMA(1,1,0) errors : 31.28848
## Regression with ARIMA(0,1,1) errors : 31.28402
## Regression with ARIMA(1,1,1) errors : 33.44704
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 297.1524 297.1524 297.1524 297.1524
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 154.4961
## Regression with ARIMA(1,0,0) errors : 34.90584
## Regression with ARIMA(0,0,1) errors : 126.3882
## Regression with ARIMA(0,0,0) errors : 296.9818
## Regression with ARIMA(2,0,0) errors : 37.01833
## Regression with ARIMA(1,0,1) errors : 37.02423
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 297.147 297.147 297.147 297.147
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 155.9302
## Regression with ARIMA(1,0,0) errors : 35.19699
## Regression with ARIMA(0,0,1) errors : 127.4249
## Regression with ARIMA(0,0,0) errors : 297.3637
## Regression with ARIMA(2,0,0) errors : 37.02693
## Regression with ARIMA(1,0,1) errors : 37.10312
## Regression with ARIMA(2,0,1) errors : 39.1308
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 298.2502 298.2502 298.2502 298.2502
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 152.9808
## Regression with ARIMA(1,0,0) errors : 31.67402
## Regression with ARIMA(0,0,1) errors : 126.3486
## Regression with ARIMA(0,0,0) errors : 295.3541
## Regression with ARIMA(2,0,0) errors : 33.88191
## Regression with ARIMA(1,0,1) errors : 33.88221
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##

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## [1] 297.9282 297.9282 297.9282 297.9282
##
## Regression with ARIMA(2,0,2) errors : 24.27523
## Regression with ARIMA(0,0,0) errors : 146.0127
## Regression with ARIMA(1,0,0) errors : 22.52968
## Regression with ARIMA(0,0,1) errors : 119.6809
## Regression with ARIMA(0,0,0) errors : 290.4761
## Regression with ARIMA(2,0,0) errors : 24.43167
## Regression with ARIMA(1,0,1) errors : 24.53251
## Regression with ARIMA(2,0,1) errors : 24.95649
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 297.9927 297.9927 297.9927 297.9927
##
## Regression with ARIMA(2,0,2) errors : 23.95187
## Regression with ARIMA(0,0,0) errors : 147.9988
## Regression with ARIMA(1,0,0) errors : 20.79386
## Regression with ARIMA(0,0,1) errors : 120.0715
## Regression with ARIMA(0,0,0) errors : 290.1962
## Regression with ARIMA(2,0,0) errors : 23.00051
## Regression with ARIMA(1,0,1) errors : 23.00101
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 300.1807 300.1807 300.1807 300.1807
##
## Regression with ARIMA(2,0,2) errors : 21.68278
## Regression with ARIMA(0,0,0) errors : 148.5114
## Regression with ARIMA(1,0,0) errors : 18.96594
## Regression with ARIMA(0,0,1) errors : 120.3211
## Regression with ARIMA(0,0,0) errors : 290.3095
## Regression with ARIMA(2,0,0) errors : 21.16862
## Regression with ARIMA(1,0,1) errors : 21.1703
## Regression with ARIMA(2,0,1) errors : 22.52597
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 300.0867 300.0867 300.0867 300.0867
##
## Regression with ARIMA(2,0,2) errors : 22.94787
## Regression with ARIMA(0,0,0) errors : 147.9268
## Regression with ARIMA(1,0,0) errors : 21.05669
## Regression with ARIMA(0,0,1) errors : 120.3393
## Regression with ARIMA(0,0,0) errors : 289.8751
## Regression with ARIMA(2,0,0) errors : 23.07956
## Regression with ARIMA(1,0,1) errors : 23.14122
## Regression with ARIMA(2,0,1) errors : 24.39254
## Regression with ARIMA(1,0,0) errors : Inf
##

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## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 301.3186 301.3186 301.3186 301.3186
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 149.9332
## Regression with ARIMA(1,0,0) errors : 19.92214
## Regression with ARIMA(0,0,1) errors : 121.1345
## Regression with ARIMA(0,0,0) errors : 289.6929
## Regression with ARIMA(2,0,0) errors : 21.92297
## Regression with ARIMA(1,0,1) errors : 21.98685
## Regression with ARIMA(2,0,1) errors : 23.21786
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 300.5271 300.5271 300.5271 300.5271
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 151.0562
## Regression with ARIMA(1,0,0) errors : 18.91926
## Regression with ARIMA(0,0,1) errors : 121.2295
## Regression with ARIMA(0,0,0) errors : 290.3182
## Regression with ARIMA(2,0,0) errors : 20.7906
## Regression with ARIMA(1,0,1) errors : 20.89165
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 299.3608 299.3608 299.3608 299.3608
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 152.9084
## Regression with ARIMA(1,0,0) errors : 17.52025
## Regression with ARIMA(0,0,1) errors : 122.5864
## Regression with ARIMA(0,0,0) errors : 291.1845
## Regression with ARIMA(2,0,0) errors : 19.23734
## Regression with ARIMA(1,0,1) errors : 19.39322
## Regression with ARIMA(2,0,1) errors : 20.58789
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 299.0141 299.0141 299.0141 299.0141
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 153.5795
## Regression with ARIMA(1,0,0) errors : 18.18639
## Regression with ARIMA(0,0,1) errors : 122.7528
## Regression with ARIMA(0,0,0) errors : 291.4554
## Regression with ARIMA(2,0,0) errors : 20.15246
## Regression with ARIMA(1,0,1) errors : 20.23507
## Regression with ARIMA(2,0,1) errors : 21.58541

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## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 300.7874 300.7874 300.7874 300.7874
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 153.4211
## Regression with ARIMA(1,0,0) errors : 19.76676
## Regression with ARIMA(0,0,1) errors : 122.7339
## Regression with ARIMA(0,0,0) errors : 291.5084
## Regression with ARIMA(2,0,0) errors : 21.90529
## Regression with ARIMA(1,0,1) errors : 21.92959
## Regression with ARIMA(2,0,1) errors : 23.32854
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 300.5401 300.5401 300.5401 300.5401
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 153.351
## Regression with ARIMA(1,0,0) errors : 19.7862
## Regression with ARIMA(0,0,1) errors : 122.7361
## Regression with ARIMA(0,0,0) errors : 291.6027
## Regression with ARIMA(2,0,0) errors : 21.88154
## Regression with ARIMA(1,0,1) errors : 21.91936
## Regression with ARIMA(2,0,1) errors : 23.22263
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 297.6985 297.6985 297.6985 297.6985
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 152.9173
## Regression with ARIMA(1,0,0) errors : 19.84204
## Regression with ARIMA(0,0,1) errors : 121.8349
## Regression with ARIMA(0,0,0) errors : 291.1748
## Regression with ARIMA(2,0,0) errors : 21.86793
## Regression with ARIMA(1,0,1) errors : 21.9313
## Regression with ARIMA(2,0,1) errors : 23.00899
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 295.8153 295.8153 295.8153 295.8153
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 153.241
## Regression with ARIMA(1,0,0) errors : 19.32066
## Regression with ARIMA(0,0,1) errors : 122.686
## Regression with ARIMA(0,0,0) errors : 290.9974
## Regression with ARIMA(2,0,0) errors : 21.24139

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## Regression with ARIMA(1,0,1) errors : 21.3295
## Regression with ARIMA(2,0,1) errors : 22.72679
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 295.2772 295.2772 295.2772 295.2772
##
## Regression with ARIMA(2,0,2) errors : 19.16992
## Regression with ARIMA(0,0,0) errors : 153.8063
## Regression with ARIMA(1,0,0) errors : 18.00904
## Regression with ARIMA(0,0,1) errors : 122.9872
## Regression with ARIMA(0,0,0) errors : 291.1479
## Regression with ARIMA(2,0,0) errors : 19.25845
## Regression with ARIMA(1,0,1) errors : 19.58772
## Regression with ARIMA(2,0,1) errors : 20.7526
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 300.0068 300.0068 300.0068 300.0068
##
## Regression with ARIMA(2,0,2) errors : 12.1923
## Regression with ARIMA(0,0,0) errors : 153.7667
## Regression with ARIMA(1,0,0) errors : 10.4618
## Regression with ARIMA(0,0,1) errors : 122.8534
## Regression with ARIMA(0,0,0) errors : 291.2748
## Regression with ARIMA(2,0,0) errors : 12.0353
## Regression with ARIMA(1,0,1) errors : 12.23713
## Regression with ARIMA(2,0,1) errors : 13.67941
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 299.1633 299.1633 299.1633 299.1633
##
## Regression with ARIMA(2,0,2) errors : 60.97625
## Regression with ARIMA(0,0,0) errors : 169.8966
## Regression with ARIMA(1,0,0) errors : 57.13221
## Regression with ARIMA(0,0,1) errors : 143.5774
## Regression with ARIMA(0,0,0) errors : 292.8965
## Regression with ARIMA(2,0,0) errors : 59.11336
## Regression with ARIMA(1,0,1) errors : 59.18066
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : 58.58689
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 296.6153 296.6153 296.6153 296.6153
##
## Regression with ARIMA(2,0,2) errors : 60.92717
## Regression with ARIMA(0,0,0) errors : 184.2903
## Regression with ARIMA(1,0,0) errors : 57.28569
## Regression with ARIMA(0,0,1) errors : 146.9921

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## Regression with ARIMA(0,0,0) errors : 294.6773
## Regression with ARIMA(2,0,0) errors : 59.08914
## Regression with ARIMA(1,0,1) errors : 59.17469
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : 58.70754
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 297.6683 297.6683 297.6683 297.6683
##
## Regression with ARIMA(2,0,2) errors : 62.81196
## Regression with ARIMA(0,0,0) errors : 192.7622
## Regression with ARIMA(1,0,0) errors : 57.20561
## Regression with ARIMA(0,0,1) errors : 153.0549
## Regression with ARIMA(0,0,0) errors : 296.4777
## Regression with ARIMA(2,0,0) errors : 59.02511
## Regression with ARIMA(1,0,1) errors : 59.11126
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : 58.62081
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 292.1921 292.1921 292.1921 292.1921
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 202.9178
## Regression with ARIMA(1,0,0) errors : 57.45915
## Regression with ARIMA(0,0,1) errors : 158.5662
## Regression with ARIMA(0,0,0) errors : 298.3964
## Regression with ARIMA(2,0,0) errors : 59.29024
## Regression with ARIMA(1,0,1) errors : 59.37142
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : 58.7821
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 287.5776 287.5776 287.5776 287.5776
##
## Regression with ARIMA(2,0,2) errors : 63.91196
## Regression with ARIMA(0,0,0) errors : 208.8627
## Regression with ARIMA(1,0,0) errors : 58.14057
## Regression with ARIMA(0,0,1) errors : 161.44
## Regression with ARIMA(0,0,0) errors : 301.0669
## Regression with ARIMA(2,0,0) errors : 60.00311
## Regression with ARIMA(1,0,1) errors : 60.07585
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : 60.08837
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 291.4718 291.4718 291.4718 291.4718
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 211.5634

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## Regression with ARIMA(1,0,0) errors : 58.15134
## Regression with ARIMA(0,0,1) errors : 163.3297
## Regression with ARIMA(0,0,0) errors : 303.9391
## Regression with ARIMA(2,0,0) errors : 60.00766
## Regression with ARIMA(1,0,1) errors : 60.08146
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : 60.28879
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 288.7363 288.7363 288.7363 288.7363
##
## Regression with ARIMA(2,0,2) errors : 63.84625
## Regression with ARIMA(0,0,0) errors : 217.1763
## Regression with ARIMA(1,0,0) errors : 58.21275
## Regression with ARIMA(0,0,1) errors : 168.1464
## Regression with ARIMA(0,0,0) errors : 306.8885
## Regression with ARIMA(2,0,0) errors : 60.06744
## Regression with ARIMA(1,0,1) errors : 60.14464
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : 60.40793
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 287.012 287.012 287.012 287.012
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 220.3251
## Regression with ARIMA(1,0,0) errors : 58.04533
## Regression with ARIMA(0,0,1) errors : 169.3395
## Regression with ARIMA(0,0,0) errors : 309.5247
## Regression with ARIMA(2,0,0) errors : 59.9341
## Regression with ARIMA(1,0,1) errors : 60.00444
## Regression with ARIMA(2,0,1) errors : Inf
## ARIMA(1,0,0) with zero mean : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 284.6683 284.6683 284.6683 284.6683
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 223.7966
## Regression with ARIMA(1,0,0) errors : 58.88067
## Regression with ARIMA(0,0,1) errors : 173.6379
## Regression with ARIMA(0,0,0) errors : 312.8833
## Regression with ARIMA(2,0,0) errors : 60.86178
## Regression with ARIMA(1,0,1) errors : 60.91317
## ARIMA(2,0,1) with non-zero mean : Inf
## ARIMA(1,0,0) with zero mean : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 288.5637 288.5637 288.5637 288.5637
##

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## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 225.9805
## Regression with ARIMA(1,0,0) errors : 58.95768
## Regression with ARIMA(0,0,1) errors : 174.7265
## Regression with ARIMA(0,0,0) errors : 316.1682
## Regression with ARIMA(2,0,0) errors : 60.93545
## Regression with ARIMA(1,0,1) errors : 60.98722
## Regression with ARIMA(2,0,1) errors : Inf
## ARIMA(1,0,0) with zero mean      : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 281.0351 281.0351 281.0351 281.0351
##
## Regression with ARIMA(2,0,2) errors : 64.78557
## Regression with ARIMA(0,0,0) errors : 231.9041
## Regression with ARIMA(1,0,0) errors : 59.55015
## Regression with ARIMA(0,0,1) errors : 182.0673
## Regression with ARIMA(0,0,0) errors : 320.1781
## Regression with ARIMA(2,0,0) errors : 61.49543
## Regression with ARIMA(1,0,1) errors : 61.55859
## Regression with ARIMA(2,0,1) errors : Inf
## ARIMA(1,0,0) with zero mean      : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 280.94 280.94 280.94 280.94
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 57.2732
## Regression with ARIMA(1,1,0) errors : 59.22666
## Regression with ARIMA(0,1,1) errors : 59.26281
## Regression with ARIMA(1,1,1) errors : 57.83011
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 288.086 288.086 288.086 288.086
##
## Regression with ARIMA(2,1,2) errors : 55.68667
## Regression with ARIMA(0,1,0) errors : 56.50187
## Regression with ARIMA(1,1,0) errors : 58.48535
## Regression with ARIMA(0,1,1) errors : 58.51504
## Regression with ARIMA(1,1,2) errors : 58.34216
## Regression with ARIMA(2,1,1) errors : 58.39992
## Regression with ARIMA(3,1,2) errors : Inf
## Regression with ARIMA(2,1,3) errors : 64.47693
## Regression with ARIMA(1,1,1) errors : 57.1678
## Regression with ARIMA(1,1,3) errors : 60.4843
## Regression with ARIMA(3,1,1) errors : 60.60221
## Regression with ARIMA(3,1,3) errors : Inf
##
## Best model: Regression with ARIMA(2,1,2) errors
##
## [1] 276.8357 276.8357 276.8357 276.8357

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##
## Regression with ARIMA(2,1,2) errors : 55.63948
## Regression with ARIMA(0,1,0) errors : 56.32069
## Regression with ARIMA(1,1,0) errors : 58.26886
## Regression with ARIMA(0,1,1) errors : 58.30548
## Regression with ARIMA(1,1,2) errors : 58.0777
## Regression with ARIMA(2,1,1) errors : 58.14625
## Regression with ARIMA(3,1,2) errors : Inf
## Regression with ARIMA(2,1,3) errors : Inf
## Regression with ARIMA(1,1,1) errors : 56.88793
## Regression with ARIMA(1,1,3) errors : 62.81035
## Regression with ARIMA(3,1,1) errors : 60.31974
## Regression with ARIMA(3,1,3) errors : Inf
##
## Best model: Regression with ARIMA(2,1,2) errors
##
## [1] 271.5494 271.5494 271.5494 271.5494
##
## Regression with ARIMA(2,1,2) errors : 62.97824
## Regression with ARIMA(0,1,0) errors : 56.68212
## Regression with ARIMA(1,1,0) errors : 58.67186
## Regression with ARIMA(0,1,1) errors : 58.70098
## Regression with ARIMA(1,1,1) errors : 57.05376
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 281.4201 281.4201 281.4201 281.4201
##
## Regression with ARIMA(2,1,2) errors : 62.98511
## Regression with ARIMA(0,1,0) errors : 56.66663
## Regression with ARIMA(1,1,0) errors : 58.64328
## Regression with ARIMA(0,1,1) errors : 58.67548
## Regression with ARIMA(1,1,1) errors : 57.02123
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 276.3859 276.3859 276.3859 276.3859
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 56.08472
## Regression with ARIMA(1,1,0) errors : 58.06356
## Regression with ARIMA(0,1,1) errors : 58.09684
## Regression with ARIMA(1,1,1) errors : 56.46724
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 284.1552 284.1552 284.1552 284.1552
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 56.07243
## Regression with ARIMA(1,1,0) errors : 58.06194
## Regression with ARIMA(0,1,1) errors : 58.09357
## Regression with ARIMA(1,1,1) errors : 56.48552
##

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## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 280.9135 280.9135 280.9135 280.9135
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 54.57618
## Regression with ARIMA(1,1,0) errors : 56.57594
## Regression with ARIMA(0,1,1) errors : 56.60459
## Regression with ARIMA(1,1,1) errors : 54.85237
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 285.315 285.315 285.315 285.315
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 58.32912
## Regression with ARIMA(1,1,0) errors : 60.28872
## Regression with ARIMA(0,1,1) errors : 60.32646
## Regression with ARIMA(1,1,1) errors : 59.04966
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 287.9703 287.9703 287.9703 287.9703
##
## Regression with ARIMA(2,1,2) errors : 60.5113
## Regression with ARIMA(0,1,0) errors : 58.90191
## Regression with ARIMA(1,1,0) errors : 60.7725
## Regression with ARIMA(0,1,1) errors : 60.8311
## Regression with ARIMA(1,1,1) errors : 59.59446
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 293.1594 293.1594 293.1594 293.1594
##
## Regression with ARIMA(2,1,2) errors : 65.30845
## Regression with ARIMA(0,1,0) errors : 61.74647
## Regression with ARIMA(1,1,0) errors : 63.41696
## Regression with ARIMA(0,1,1) errors : 63.54484
## Regression with ARIMA(1,1,1) errors : 61.7585
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 287.8046 287.8046 287.8046 287.8046
##
## Regression with ARIMA(2,1,2) errors : 64.26181
## Regression with ARIMA(0,1,0) errors : 60.64084
## Regression with ARIMA(1,1,0) errors : 62.27266
## Regression with ARIMA(0,1,1) errors : 62.40952
## Regression with ARIMA(1,1,1) errors : 60.74572
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 285.3373 285.3373 285.3373 285.3373
##

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## Regression with ARIMA(2,1,2) errors : 64.26007
## Regression with ARIMA(0,1,0) errors : 60.75067
## Regression with ARIMA(1,1,0) errors : 62.31089
## Regression with ARIMA(0,1,1) errors : 62.46891
## Regression with ARIMA(1,1,1) errors : 60.71913
## Regression with ARIMA(2,1,1) errors : 62.03588
## Regression with ARIMA(1,1,2) errors : 62.08689
## Regression with ARIMA(0,1,2) errors : 61.61885
## Regression with ARIMA(2,1,0) errors : 61.35425
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 285.433 285.433 285.433 285.433
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 60.9218
## Regression with ARIMA(1,1,0) errors : 62.44952
## Regression with ARIMA(0,1,1) errors : 62.61594
## Regression with ARIMA(1,1,1) errors : 60.7264
## Regression with ARIMA(2,1,1) errors : 62.03014
## Regression with ARIMA(1,1,2) errors : 62.0796
## Regression with ARIMA(0,1,2) errors : 61.77348
## Regression with ARIMA(2,1,0) errors : 61.46696
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 287.9724 287.9724 287.9724 287.9724
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 60.98682
## Regression with ARIMA(1,1,0) errors : 62.52587
## Regression with ARIMA(0,1,1) errors : 62.69133
## Regression with ARIMA(1,1,1) errors : 60.74611
## Regression with ARIMA(2,1,1) errors : 62.03288
## Regression with ARIMA(1,1,2) errors : 62.08337
## Regression with ARIMA(0,1,2) errors : 61.75699
## Regression with ARIMA(2,1,0) errors : 61.45451
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 288.9327 288.9327 288.9327 288.9327
##
## Regression with ARIMA(2,1,2) errors : 64.23515
## Regression with ARIMA(0,1,0) errors : 60.83672
## Regression with ARIMA(1,1,0) errors : 62.33479
## Regression with ARIMA(0,1,1) errors : 62.50889
## Regression with ARIMA(1,1,1) errors : 60.6706
## Regression with ARIMA(2,1,1) errors : 62.00859
## Regression with ARIMA(1,1,2) errors : 62.05606
## Regression with ARIMA(0,1,2) errors : 61.6923
## Regression with ARIMA(2,1,0) errors : 61.3892
##
## Best model: Regression with ARIMA(1,1,1) errors
##

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## [1] 288.3826 288.3826 288.3826 288.3826
##
## Regression with ARIMA(2,1,2) errors : 63.93893
## Regression with ARIMA(0,1,0) errors : 60.8346
## Regression with ARIMA(1,1,0) errors : 62.27184
## Regression with ARIMA(0,1,1) errors : 62.46667
## Regression with ARIMA(1,1,1) errors : 60.34446
## Regression with ARIMA(2,1,1) errors : 61.70737
## Regression with ARIMA(1,1,2) errors : 61.7502
## Regression with ARIMA(0,1,2) errors : 61.56282
## Regression with ARIMA(2,1,0) errors : 61.23341
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 290.0195 290.0195 290.0195 290.0195
##
## Regression with ARIMA(2,1,2) errors : 63.32317
## Regression with ARIMA(0,1,0) errors : 59.87025
## Regression with ARIMA(1,1,0) errors : 61.38833
## Regression with ARIMA(0,1,1) errors : 61.55549
## Regression with ARIMA(1,1,1) errors : 59.72648
## Regression with ARIMA(2,1,1) errors : 61.08554
## Regression with ARIMA(1,1,2) errors : 61.12956
## Regression with ARIMA(0,1,2) errors : 60.76068
## Regression with ARIMA(2,1,0) errors : 60.50527
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 288.2229 288.2229 288.2229 288.2229
##
## Regression with ARIMA(2,1,2) errors : 62.30784
## Regression with ARIMA(0,1,0) errors : 59.66471
## Regression with ARIMA(1,1,0) errors : 61.21078
## Regression with ARIMA(0,1,1) errors : 61.37106
## Regression with ARIMA(1,1,1) errors : 59.59668
## Regression with ARIMA(2,1,1) errors : 60.95107
## Regression with ARIMA(1,1,2) errors : 61.00378
## Regression with ARIMA(0,1,2) errors : 60.46843
## Regression with ARIMA(2,1,0) errors : 60.26447
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 290.5729 290.5729 290.5729 290.5729
##
## Regression with ARIMA(2,1,2) errors : 63.00521
## Regression with ARIMA(0,1,0) errors : 59.25721
## Regression with ARIMA(1,1,0) errors : 60.73784
## Regression with ARIMA(0,1,1) errors : 60.91013
## Regression with ARIMA(1,1,1) errors : 59.31469
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 294.6414 294.6414 294.6414 294.6414
##

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## Regression with ARIMA(2,1,2) errors : 61.78401
## Regression with ARIMA(0,1,0) errors : 59.36282
## Regression with ARIMA(1,1,0) errors : 60.7908
## Regression with ARIMA(0,1,1) errors : 60.98371
## Regression with ARIMA(1,1,1) errors : 59.13463
## Regression with ARIMA(2,1,1) errors : 60.61149
## Regression with ARIMA(1,1,2) errors : 60.65747
## Regression with ARIMA(0,1,2) errors : 60.21391
## Regression with ARIMA(2,1,0) errors : 59.91877
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 298.5013 298.5013 298.5013 298.5013
##
## Regression with ARIMA(2,1,2) errors : 60.66827
## Regression with ARIMA(0,1,0) errors : 58.25896
## Regression with ARIMA(1,1,0) errors : 59.83797
## Regression with ARIMA(0,1,1) errors : 59.99307
## Regression with ARIMA(1,1,1) errors : 58.29241
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 298.4993 298.4993 298.4993 298.4993
##
## Regression with ARIMA(2,1,2) errors : 59.75126
## Regression with ARIMA(0,1,0) errors : 57.05044
## Regression with ARIMA(1,1,0) errors : 58.57946
## Regression with ARIMA(0,1,1) errors : 58.74021
## Regression with ARIMA(1,1,1) errors : 57.20064
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 297.2923 297.2923 297.2923 297.2923
##
## Regression with ARIMA(2,1,2) errors : 59.5735
## Regression with ARIMA(0,1,0) errors : 56.96181
## Regression with ARIMA(1,1,0) errors : 58.45136
## Regression with ARIMA(0,1,1) errors : 58.62428
## Regression with ARIMA(1,1,1) errors : 57.10347
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 298.6159 298.6159 298.6159 298.6159
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 56.49012
## Regression with ARIMA(1,1,0) errors : 58.00437
## Regression with ARIMA(0,1,1) errors : 58.17008
## Regression with ARIMA(1,1,1) errors : 56.45336
## Regression with ARIMA(2,1,1) errors : 58.04611
## Regression with ARIMA(1,1,2) errors : 58.09347
## Regression with ARIMA(0,1,2) errors : 57.47901
## Regression with ARIMA(2,1,0) errors : 57.25857
##

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## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 299.5419 299.5419 299.5419 299.5419
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 56.44959
## Regression with ARIMA(1,1,0) errors : 57.97387
## Regression with ARIMA(0,1,1) errors : 58.1354
## Regression with ARIMA(1,1,1) errors : 56.44015
## Regression with ARIMA(2,1,1) errors : 58.02429
## Regression with ARIMA(1,1,2) errors : 58.07121
## Regression with ARIMA(0,1,2) errors : 57.47608
## Regression with ARIMA(2,1,0) errors : 57.2498
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 298.531 298.531 298.531 298.531
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 58.20879
## Regression with ARIMA(1,1,0) errors : 59.78184
## Regression with ARIMA(0,1,1) errors : 59.93923
## Regression with ARIMA(1,1,1) errors : 57.93864
## Regression with ARIMA(2,1,1) errors : 59.42151
## Regression with ARIMA(1,1,2) errors : 59.48487
## Regression with ARIMA(0,1,2) errors : 58.89217
## Regression with ARIMA(2,1,0) errors : 58.68381
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 300.5432 300.5432 300.5432 300.5432
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 58.26815
## Regression with ARIMA(1,1,0) errors : 60.01887
## Regression with ARIMA(0,1,1) errors : 60.12809
## Regression with ARIMA(1,1,1) errors : Inf
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 300.5414 300.5414 300.5414 300.5414
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 57.93375
## Regression with ARIMA(1,1,0) errors : 59.47487
## Regression with ARIMA(0,1,1) errors : 59.63527
## Regression with ARIMA(1,1,1) errors : Inf
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 299.7964 299.7964 299.7964 299.7964
##
## Regression with ARIMA(2,1,2) errors : 61.12636
## Regression with ARIMA(0,1,0) errors : 55.60691

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## Regression with ARIMA(1,1,0) errors : 56.71232
## Regression with ARIMA(0,1,1) errors : 56.96992
## Regression with ARIMA(1,1,1) errors : 55.39719
## Regression with ARIMA(2,1,1) errors : 57.33827
## Regression with ARIMA(1,1,2) errors : 57.35211
## Regression with ARIMA(0,1,2) errors : 56.78065
## Regression with ARIMA(2,1,0) errors : 56.54122
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 301.0172 301.0172 301.0172 301.0172
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 53.34113
## Regression with ARIMA(1,1,0) errors : 54.08886
## Regression with ARIMA(0,1,1) errors : 54.47486
## Regression with ARIMA(1,1,1) errors : 52.15344
## Regression with ARIMA(2,1,1) errors : 54.09744
## Regression with ARIMA(1,1,2) errors : 54.12527
## Regression with ARIMA(0,1,2) errors : 53.41109
## Regression with ARIMA(2,1,0) errors : 53.06821
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 300.6593 300.6593 300.6593 300.6593
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 52.11853
## Regression with ARIMA(1,1,0) errors : 53.24106
## Regression with ARIMA(0,1,1) errors : 53.52985
## Regression with ARIMA(1,1,1) errors : 51.38018
## Regression with ARIMA(2,1,1) errors : 53.19274
## Regression with ARIMA(1,1,2) errors : 54.49139
## Regression with ARIMA(0,1,2) errors : 52.40669
## Regression with ARIMA(2,1,0) errors : 52.1288
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 300.7573 300.7573 300.7573 300.7573
##
## ARIMA(2,1,2) : Inf
## Regression with ARIMA(0,1,0) errors : 50.15621
## Regression with ARIMA(1,1,0) errors : 51.30766
## Regression with ARIMA(0,1,1) errors : 51.58457
## Regression with ARIMA(1,1,1) errors : 49.53293
## Regression with ARIMA(2,1,1) errors : 51.30363
## Regression with ARIMA(1,1,2) errors : 51.34829
## Regression with ARIMA(0,1,2) errors : 50.61463
## Regression with ARIMA(2,1,0) errors : 50.23126
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 298.9368 298.9368 298.9368 298.9368
##

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## ARIMA(2,1,2) : Inf
## Regression with ARIMA(0,1,0) errors : 50.11315
## Regression with ARIMA(1,1,0) errors : 51.27634
## Regression with ARIMA(0,1,1) errors : 51.55013
## Regression with ARIMA(1,1,1) errors : 49.51461
## Regression with ARIMA(2,1,1) errors : 51.27917
## Regression with ARIMA(1,1,2) errors : 51.32505
## Regression with ARIMA(0,1,2) errors : 50.55615
## Regression with ARIMA(2,1,0) errors : 50.18532
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 300.6709 300.6709 300.6709 300.6709
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 51.44563
## Regression with ARIMA(1,1,0) errors : 52.65493
## Regression with ARIMA(0,1,1) errors : 52.92206
## Regression with ARIMA(1,1,1) errors : 51.03828
## Regression with ARIMA(2,1,1) errors : 52.76883
## Regression with ARIMA(1,1,2) errors : 53.79487
## Regression with ARIMA(0,1,2) errors : 51.72139
## Regression with ARIMA(2,1,0) errors : 51.39773
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 299.9372 299.9372 299.9372 299.9372
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 53.69283
## Regression with ARIMA(1,1,0) errors : 54.5091
## Regression with ARIMA(0,1,1) errors : 54.88325
## Regression with ARIMA(1,1,1) errors : 52.91737
## Regression with ARIMA(2,1,1) errors : 54.77636
## Regression with ARIMA(1,1,2) errors : 55.74291
## Regression with ARIMA(0,1,2) errors : 53.75851
## Regression with ARIMA(2,1,0) errors : 53.37967
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 298.9974 298.9974 298.9974 298.9974
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 53.06082
## Regression with ARIMA(1,1,0) errors : 53.61256
## Regression with ARIMA(0,1,1) errors : 54.0634
## Regression with ARIMA(1,1,1) errors : 51.86891
## Regression with ARIMA(2,1,1) errors : 53.81811
## Regression with ARIMA(1,1,2) errors : 53.84829
## Regression with ARIMA(0,1,2) errors : 53.01308
## Regression with ARIMA(2,1,0) errors : 52.53066
##
## Best model: Regression with ARIMA(1,1,1) errors
##

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## [1] 299.6643 299.6643 299.6643 299.6643
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 51.38558
## Regression with ARIMA(1,1,0) errors : 52.07716
## Regression with ARIMA(0,1,1) errors : 52.5148
## Regression with ARIMA(1,1,1) errors : 50.29203
## Regression with ARIMA(2,1,1) errors : Inf
## Regression with ARIMA(1,1,2) errors : 53.02102
## Regression with ARIMA(0,1,2) errors : 50.88539
## Regression with ARIMA(2,1,0) errors : 50.40866
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 299.6857 299.6857 299.6857 299.6857
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 51.20243
## Regression with ARIMA(1,1,0) errors : 51.81766
## Regression with ARIMA(0,1,1) errors : 52.26379
## Regression with ARIMA(1,1,1) errors : 50.19992
## Regression with ARIMA(2,1,1) errors : Inf
## Regression with ARIMA(1,1,2) errors : Inf
## Regression with ARIMA(0,1,2) errors : 50.86706
## Regression with ARIMA(2,1,0) errors : 50.3839
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 300.1475 300.1475 300.1475 300.1475
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 50.88637
## Regression with ARIMA(1,1,0) errors : 51.17035
## Regression with ARIMA(0,1,1) errors : 51.70766
## Regression with ARIMA(1,1,1) errors : 49.51632
## Regression with ARIMA(2,1,1) errors : 51.55548
## Regression with ARIMA(1,1,2) errors : 51.57735
## Regression with ARIMA(0,1,2) errors : 50.59189
## Regression with ARIMA(2,1,0) errors : 50.06199
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 301.529 301.529 301.529 301.529
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 47.9343
## Regression with ARIMA(1,1,0) errors : 47.67232
## Regression with ARIMA(0,1,1) errors : 48.33649
## Regression with ARIMA(2,1,0) errors : 47.00295
## Regression with ARIMA(3,1,0) errors : 49.20171
## Regression with ARIMA(2,1,1) errors : 48.75802
## Regression with ARIMA(1,1,1) errors : 46.58836
## Regression with ARIMA(1,1,2) errors : 49.52422
## Regression with ARIMA(0,1,2) errors : 47.38754

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##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 297.477 297.477 297.477 297.477
##
## ARIMA(2,1,2) : Inf
## Regression with ARIMA(0,1,0) errors : 46.98335
## Regression with ARIMA(1,1,0) errors : 46.63511
## Regression with ARIMA(0,1,1) errors : 47.35345
## Regression with ARIMA(2,1,0) errors : 45.57747
## Regression with ARIMA(3,1,0) errors : 47.77531
## Regression with ARIMA(2,1,1) errors : Inf
## Regression with ARIMA(1,1,1) errors : 45.24012
## Regression with ARIMA(1,1,2) errors : 47.40828
## Regression with ARIMA(0,1,2) errors : 46.01744
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 299.7336 299.7336 299.7336 299.7336
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 46.48606
## Regression with ARIMA(1,1,0) errors : 46.28179
## Regression with ARIMA(0,1,1) errors : 46.9532
## Regression with ARIMA(2,1,0) errors : 45.26373
## Regression with ARIMA(3,1,0) errors : 47.46589
## ARIMA(2,1,1) : Inf
## Regression with ARIMA(1,1,1) errors : 44.91502
## Regression with ARIMA(1,1,2) errors : 47.81254
## Regression with ARIMA(0,1,2) errors : 45.67834
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 296.0828 296.0828 296.0828 296.0828
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 46.16613
## Regression with ARIMA(1,1,0) errors : 46.00101
## Regression with ARIMA(0,1,1) errors : 46.6669
## Regression with ARIMA(2,1,0) errors : 44.89477
## Regression with ARIMA(3,1,0) errors : 47.0932
## ARIMA(2,1,1) : Inf
## Regression with ARIMA(1,1,1) errors : 44.58521
## Regression with ARIMA(1,1,2) errors : 47.50369
## Regression with ARIMA(0,1,2) errors : 45.36902
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 292.5908 292.5908 292.5908 292.5908
##
## ARIMA(2,1,2) : Inf
## Regression with ARIMA(0,1,0) errors : 46.61657
## Regression with ARIMA(1,1,0) errors : 46.45865
## Regression with ARIMA(0,1,1) errors : 47.11525

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## Regression with ARIMA(2,1,0) errors : 45.44304
## Regression with ARIMA(3,1,0) errors : 47.6534
## Regression with ARIMA(2,1,1) errors : Inf
## Regression with ARIMA(1,1,1) errors : 45.04066
## Regression with ARIMA(1,1,2) errors : 47.1776
## Regression with ARIMA(0,1,2) errors : 45.94526
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 288.979 288.979 288.979 288.979
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 46.56005
## Regression with ARIMA(1,1,0) errors : 46.33331
## Regression with ARIMA(0,1,1) errors : 46.99178
## Regression with ARIMA(2,1,0) errors : 45.4435
## Regression with ARIMA(3,1,0) errors : 47.65384
## Regression with ARIMA(2,1,1) errors : Inf
## Regression with ARIMA(1,1,1) errors : 44.91886
## Regression with ARIMA(1,1,2) errors : Inf
## Regression with ARIMA(0,1,2) errors : 45.94633
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 290.7946 290.7946 290.7946 290.7946
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 46.61189
## Regression with ARIMA(1,1,0) errors : 46.06772
## Regression with ARIMA(0,1,1) errors : 46.81457
## Regression with ARIMA(2,1,0) errors : 45.4029
## Regression with ARIMA(3,1,0) errors : 47.61327
## Regression with ARIMA(2,1,1) errors : 47.61395
## Regression with ARIMA(1,1,1) errors : 44.88476
## Regression with ARIMA(1,1,2) errors : 47.0674
## Regression with ARIMA(0,1,2) errors : 45.87393
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 287.8414 287.8414 287.8414 287.8414
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 43.12476
## Regression with ARIMA(1,1,0) errors : 41.73019
## Regression with ARIMA(0,1,1) errors : 42.72978
## Regression with ARIMA(2,1,0) errors : 41.02642
## Regression with ARIMA(3,1,0) errors : 43.20205
## Regression with ARIMA(2,1,1) errors : 42.38767
## Regression with ARIMA(1,1,1) errors : 40.18204
## Regression with ARIMA(1,1,2) errors : 42.38824
## Regression with ARIMA(0,1,2) errors : 41.76098
##
## Best model: Regression with ARIMA(1,1,1) errors
##

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## [1] 282.1272 282.1272 282.1272 282.1272
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 40.88485
## Regression with ARIMA(1,1,0) errors : 39.38555
## Regression with ARIMA(0,1,1) errors : 40.3205
## Regression with ARIMA(2,1,0) errors : 39.28769
## Regression with ARIMA(3,1,0) errors : 41.46014
## Regression with ARIMA(2,1,1) errors : 40.53775
## Regression with ARIMA(1,1,1) errors : 38.32942
## Regression with ARIMA(1,1,2) errors : 40.53793
## Regression with ARIMA(0,1,2) errors : 39.89016
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 284.4302 284.4302 284.4302 284.4302
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 40.99511
## Regression with ARIMA(1,1,0) errors : 39.53285
## Regression with ARIMA(0,1,1) errors : 40.47564
## Regression with ARIMA(2,1,0) errors : 39.38456
## Regression with ARIMA(3,1,0) errors : 41.55765
## Regression with ARIMA(2,1,1) errors : 40.6127
## Regression with ARIMA(1,1,1) errors : 38.40455
## Regression with ARIMA(1,1,2) errors : 40.61291
## Regression with ARIMA(0,1,2) errors : 39.98228
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 284.7281 284.7281 284.7281 284.7281
##
## ARIMA(2,1,2) : Inf
## Regression with ARIMA(0,1,0) errors : 39.25073
## Regression with ARIMA(1,1,0) errors : 37.96969
## Regression with ARIMA(0,1,1) errors : 38.8535
## Regression with ARIMA(2,1,0) errors : 37.72279
## Regression with ARIMA(3,1,0) errors : 39.84955
## Regression with ARIMA(2,1,1) errors : 39.08929
## Regression with ARIMA(1,1,1) errors : 36.87928
## Regression with ARIMA(1,1,2) errors : 39.08933
## Regression with ARIMA(0,1,2) errors : 38.38133
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 280.5971 280.5971 280.5971 280.5971
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 39.76623
## Regression with ARIMA(1,1,0) errors : 38.53994
## Regression with ARIMA(0,1,1) errors : 39.42771
## Regression with ARIMA(2,1,0) errors : 38.13634
## Regression with ARIMA(3,1,0) errors : 40.27881
## Regression with ARIMA(2,1,1) errors : 39.54721

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## Regression with ARIMA(1,1,1) errors : 37.33821
## Regression with ARIMA(1,1,2) errors : 39.54737
## Regression with ARIMA(0,1,2) errors : 38.78417
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 282.1737 282.1737 282.1737 282.1737
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 39.81095
## Regression with ARIMA(1,1,0) errors : 38.52347
## Regression with ARIMA(0,1,1) errors : 39.42353
## Regression with ARIMA(2,1,0) errors : 38.17556
## Regression with ARIMA(3,1,0) errors : 40.32137
## Regression with ARIMA(2,1,1) errors : 39.57999
## Regression with ARIMA(1,1,1) errors : 37.37043
## Regression with ARIMA(1,1,2) errors : 39.58009
## Regression with ARIMA(0,1,2) errors : 38.81096
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 283.7132 283.7132 283.7132 283.7132
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 39.8034
## Regression with ARIMA(1,1,0) errors : 38.16653
## Regression with ARIMA(0,1,1) errors : 39.2261
## Regression with ARIMA(2,1,0) errors : 37.32569
## Regression with ARIMA(3,1,0) errors : 39.49656
## Regression with ARIMA(2,1,1) errors : 38.82492
## Regression with ARIMA(1,1,1) errors : 36.62139
## Regression with ARIMA(1,1,2) errors : 38.82591
## Regression with ARIMA(0,1,2) errors : 38.07412
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 285.4089 285.4089 285.4089 285.4089
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 39.3786
## Regression with ARIMA(1,1,0) errors : 38.25966
## Regression with ARIMA(0,1,1) errors : 39.18252
## Regression with ARIMA(2,1,0) errors : 37.37699
## Regression with ARIMA(3,1,0) errors : 39.57708
## Regression with ARIMA(2,1,1) errors : 39.03269
## Regression with ARIMA(1,1,1) errors : 36.83843
## Regression with ARIMA(1,1,2) errors : 39.03523
## Regression with ARIMA(0,1,2) errors : 37.97824
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 287.1848 287.1848 287.1848 287.1848
##
## Regression with ARIMA(2,1,2) errors : Inf

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## Regression with ARIMA(0,1,0) errors : 39.00971
## Regression with ARIMA(1,1,0) errors : 37.54942
## Regression with ARIMA(0,1,1) errors : 38.51794
## Regression with ARIMA(2,1,0) errors : 37.2087
## Regression with ARIMA(3,1,0) errors : 39.41444
## Regression with ARIMA(2,1,1) errors : 38.74092
## Regression with ARIMA(1,1,1) errors : 36.53509
## Regression with ARIMA(1,1,2) errors : 38.74153
## Regression with ARIMA(0,1,2) errors : 37.70026
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 283.303 283.303 283.303 283.303
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 39.72815
## Regression with ARIMA(1,1,0) errors : 38.49601
## Regression with ARIMA(0,1,1) errors : 39.38974
## Regression with ARIMA(2,1,0) errors : 38.25039
## Regression with ARIMA(3,1,0) errors : 40.42696
## Regression with ARIMA(2,1,1) errors : 39.52676
## Regression with ARIMA(1,1,1) errors : 37.3173
## Regression with ARIMA(1,1,2) errors : 39.52686
## Regression with ARIMA(0,1,2) errors : 38.81368
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 280.9796 280.9796 280.9796 280.9796
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 39.59286
## Regression with ARIMA(1,1,0) errors : 38.54653
## Regression with ARIMA(0,1,1) errors : 39.38611
## Regression with ARIMA(2,1,0) errors : 38.41268
## Regression with ARIMA(3,1,0) errors : 40.60653
## Regression with ARIMA(2,1,1) errors : 39.52247
## Regression with ARIMA(1,1,1) errors : 37.31392
## Regression with ARIMA(1,1,2) errors : 39.52264
## Regression with ARIMA(0,1,2) errors : 38.92959
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 279.497 279.497 279.497 279.497
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 41.28466
## Regression with ARIMA(1,1,0) errors : 39.76425
## Regression with ARIMA(0,1,1) errors : 40.78746
## Regression with ARIMA(2,1,0) errors : 39.39013
## Regression with ARIMA(3,1,0) errors : 41.58943
## Regression with ARIMA(2,1,1) errors : 40.45914
## Regression with ARIMA(1,1,1) errors : 38.26517
## Regression with ARIMA(1,1,2) errors : 40.46096
## Regression with ARIMA(0,1,2) errors : 39.91336

```

```

##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 281.7045 281.7045 281.7045 281.7045
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 41.39534
## Regression with ARIMA(1,1,0) errors : 39.76831
## Regression with ARIMA(0,1,1) errors : 40.80872
## Regression with ARIMA(2,1,0) errors : 39.37364
## Regression with ARIMA(3,1,0) errors : 41.57498
## Regression with ARIMA(2,1,1) errors : Inf
## Regression with ARIMA(1,1,1) errors : 38.24808
## Regression with ARIMA(1,1,2) errors : 40.44378
## Regression with ARIMA(0,1,2) errors : 39.9019
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 287.2485 287.2485 287.2485 287.2485
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 41.38954
## Regression with ARIMA(1,1,0) errors : 39.78413
## Regression with ARIMA(0,1,1) errors : 40.81329
## Regression with ARIMA(2,1,0) errors : 39.49068
## Regression with ARIMA(3,1,0) errors : 41.69612
## Regression with ARIMA(2,1,1) errors : Inf
## Regression with ARIMA(1,1,1) errors : 38.37669
## Regression with ARIMA(1,1,2) errors : 40.56566
## Regression with ARIMA(0,1,2) errors : 39.96303
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 286.7881 286.7881 286.7881 286.7881
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 40.72906
## Regression with ARIMA(1,1,0) errors : 39.03242
## Regression with ARIMA(0,1,1) errors : 40.04803
## Regression with ARIMA(2,1,0) errors : 39.01912
## Regression with ARIMA(3,1,0) errors : 41.22921
## Regression with ARIMA(2,1,1) errors : Inf
## Regression with ARIMA(1,1,1) errors : 38.4388
## Regression with ARIMA(1,1,2) errors : 41.35404
## Regression with ARIMA(0,1,2) errors : 39.39109
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 287.6302 287.6302 287.6302 287.6302
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 41.399
## Regression with ARIMA(1,1,0) errors : 39.3215
## Regression with ARIMA(0,1,1) errors : 40.4066

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## Regression with ARIMA(2,1,0) errors : 39.5124
## Regression with ARIMA(1,1,1) errors : 38.91161
## Regression with ARIMA(2,1,1) errors : 40.99284
## Regression with ARIMA(1,1,2) errors : Inf
## Regression with ARIMA(0,1,2) errors : 39.959
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 287.5999 287.5999 287.5999 287.5999
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 41.19198
## Regression with ARIMA(1,1,0) errors : 38.76265
## Regression with ARIMA(0,1,1) errors : 39.87668
## Regression with ARIMA(2,1,0) errors : 39.26832
## Regression with ARIMA(1,1,1) errors : 38.91546
## Regression with ARIMA(2,1,1) errors : 40.92669
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 282.4541 282.4541 282.4541 282.4541
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 40.62934
## Regression with ARIMA(1,1,0) errors : 37.45672
## Regression with ARIMA(0,1,1) errors : 38.85601
## Regression with ARIMA(2,1,0) errors : 37.62509
## Regression with ARIMA(1,1,1) errors : 37.36158
## Regression with ARIMA(2,1,1) errors : 39.82973
## Regression with ARIMA(1,1,2) errors : 39.34547
## Regression with ARIMA(0,1,2) errors : 38.0206
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 288.3724 288.3724 288.3724 288.3724
##
## Regression with ARIMA(2,1,2) errors : 41.60366
## Regression with ARIMA(0,1,0) errors : 39.66256
## Regression with ARIMA(1,1,0) errors : 37.72359
## Regression with ARIMA(0,1,1) errors : 38.83563
## Regression with ARIMA(2,1,0) errors : 37.52267
## Regression with ARIMA(3,1,0) errors : 39.72821
## Regression with ARIMA(2,1,1) errors : 39.39258
## Regression with ARIMA(1,1,1) errors : 37.22165
## Regression with ARIMA(1,1,2) errors : 39.84143
## Regression with ARIMA(0,1,2) errors : 37.97129
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 286.0961 286.0961 286.0961 286.0961
##
## Regression with ARIMA(2,1,2) errors : 37.53583
## Regression with ARIMA(0,1,0) errors : 38.01884
## Regression with ARIMA(1,1,0) errors : 35.42939

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## Regression with ARIMA(0,1,1) errors : 36.68691
## Regression with ARIMA(2,1,0) errors : 35.33314
## Regression with ARIMA(3,1,0) errors : 37.5434
## Regression with ARIMA(2,1,1) errors : 37.29993
## Regression with ARIMA(1,1,1) errors : 35.13926
## Regression with ARIMA(1,1,2) errors : 37.31048
## Regression with ARIMA(0,1,2) errors : 35.73987
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 288.2847 288.2847 288.2847 288.2847
##
## Regression with ARIMA(2,1,2) errors : 37.54147
## Regression with ARIMA(0,1,0) errors : 38.2251
## Regression with ARIMA(1,1,0) errors : 35.5214
## Regression with ARIMA(0,1,1) errors : 36.83224
## Regression with ARIMA(2,1,0) errors : 35.34906
## Regression with ARIMA(3,1,0) errors : 37.55915
## Regression with ARIMA(2,1,1) errors : 37.55883
## Regression with ARIMA(1,1,1) errors : 35.15958
## Regression with ARIMA(1,1,2) errors : 37.3346
## Regression with ARIMA(0,1,2) errors : 35.76036
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 289.1987 289.1987 289.1987 289.1987
##
## Regression with ARIMA(2,1,2) errors : 37.5781
## Regression with ARIMA(0,1,0) errors : 38.37671
## Regression with ARIMA(1,1,0) errors : 35.70604
## Regression with ARIMA(0,1,1) errors : 37.02764
## Regression with ARIMA(2,1,0) errors : 35.48027
## Regression with ARIMA(3,1,0) errors : 37.68967
## Regression with ARIMA(2,1,1) errors : 37.68851
## Regression with ARIMA(1,1,1) errors : 35.23445
## Regression with ARIMA(1,1,2) errors : 37.83876
## Regression with ARIMA(0,1,2) errors : 35.96019
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 294.6104 294.6104 294.6104 294.6104
##
## ARIMA(2,1,2) : Inf
## Regression with ARIMA(0,1,0) errors : 37.61948
## Regression with ARIMA(1,1,0) errors : 34.55013
## Regression with ARIMA(0,1,1) errors : 35.9766
## Regression with ARIMA(2,1,0) errors : 34.34342
## Regression with ARIMA(3,1,0) errors : 36.55164
## Regression with ARIMA(2,1,1) errors : 36.55066
## Regression with ARIMA(1,1,1) errors : 34.31835
## Regression with ARIMA(1,1,2) errors : 36.64951
## Regression with ARIMA(0,1,2) errors : 34.88473
##
## Best model: Regression with ARIMA(1,1,1) errors

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##
## [1] 289.8329 289.8329 289.8329 289.8329
##
## Regression with ARIMA(2,1,2) errors : 37.21473
## Regression with ARIMA(0,1,0) errors : 37.87106
## Regression with ARIMA(1,1,0) errors : 34.74572
## Regression with ARIMA(0,1,1) errors : 36.15917
## Regression with ARIMA(2,1,0) errors : 34.65329
## Regression with ARIMA(3,1,0) errors : 36.85602
## Regression with ARIMA(2,1,1) errors : 36.84854
## Regression with ARIMA(1,1,1) errors : 34.51868
## Regression with ARIMA(1,1,2) errors : 36.70174
## Regression with ARIMA(0,1,2) errors : 35.23941
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 293.4052 293.4052 293.4052 293.4052
##
## Regression with ARIMA(2,1,2) errors : 38.85938
## Regression with ARIMA(0,1,0) errors : 37.9859
## Regression with ARIMA(1,1,0) errors : 34.87138
## Regression with ARIMA(0,1,1) errors : 36.28331
## Regression with ARIMA(2,1,0) errors : 34.72156
## Regression with ARIMA(3,1,0) errors : 36.90926
## Regression with ARIMA(2,1,1) errors : 36.64314
## Regression with ARIMA(1,1,1) errors : 34.45685
## Regression with ARIMA(1,1,2) errors : 36.64842
## Regression with ARIMA(0,1,2) errors : 35.37158
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 296.2485 296.2485 296.2485 296.2485
##
## Regression with ARIMA(2,1,2) errors : 36.90177
## Regression with ARIMA(0,1,0) errors : 38.01845
## Regression with ARIMA(1,1,0) errors : 34.76853
## Regression with ARIMA(0,1,1) errors : 36.27131
## Regression with ARIMA(2,1,0) errors : 34.37756
## Regression with ARIMA(3,1,0) errors : 36.55577
## Regression with ARIMA(2,1,1) errors : 36.27246
## Regression with ARIMA(1,1,1) errors : 34.07531
## Regression with ARIMA(1,1,2) errors : 36.27555
## Regression with ARIMA(0,1,2) errors : 35.20134
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 295.8509 295.8509 295.8509 295.8509
##
## Regression with ARIMA(2,1,2) errors : 36.48771
## Regression with ARIMA(0,1,0) errors : 36.56122
## Regression with ARIMA(1,1,0) errors : 34.10696
## Regression with ARIMA(0,1,1) errors : 35.39283
## Regression with ARIMA(2,1,0) errors : 33.75773
## Regression with ARIMA(3,1,0) errors : 35.96063

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## Regression with ARIMA(2,1,1) errors : 35.64053
## Regression with ARIMA(1,1,1) errors : 33.44512
## Regression with ARIMA(1,1,2) errors : 35.6437
## Regression with ARIMA(0,1,2) errors : 34.42438
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 295.6986 295.6986 295.6986 295.6986
##
## Regression with ARIMA(2,1,2) errors : 32.20516
## Regression with ARIMA(0,1,0) errors : 32.42463
## Regression with ARIMA(1,1,0) errors : 30.15017
## Regression with ARIMA(0,1,1) errors : 31.23066
## Regression with ARIMA(2,1,0) errors : 30.40511
## Regression with ARIMA(1,1,1) errors : 29.63847
## Regression with ARIMA(2,1,1) errors : 31.79333
## Regression with ARIMA(1,1,2) errors : 31.79949
## Regression with ARIMA(0,1,2) errors : 31.173
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 300.2892 300.2892 300.2892 300.2892
##
## Regression with ARIMA(2,1,2) errors : 32.14573
## Regression with ARIMA(0,1,0) errors : 32.0358
## Regression with ARIMA(1,1,0) errors : 30.13709
## Regression with ARIMA(0,1,1) errors : 31.18776
## Regression with ARIMA(2,1,0) errors : 30.12222
## Regression with ARIMA(3,1,0) errors : 32.2273
## Regression with ARIMA(2,1,1) errors : 31.61854
## Regression with ARIMA(1,1,1) errors : 29.43843
## Regression with ARIMA(1,1,2) errors : 31.62281
## Regression with ARIMA(0,1,2) errors : 30.83763
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 301.1353 301.1353 301.1353 301.1353
##
## Regression with ARIMA(2,1,2) errors : 31.71694
## Regression with ARIMA(0,1,0) errors : 30.5653
## Regression with ARIMA(1,1,0) errors : 27.8118
## Regression with ARIMA(0,1,1) errors : 29.0506
## Regression with ARIMA(2,1,0) errors : 28.15228
## Regression with ARIMA(1,1,1) errors : 27.4837
## Regression with ARIMA(2,1,1) errors : 29.50215
## Regression with ARIMA(1,1,2) errors : 29.528
## Regression with ARIMA(0,1,2) errors : 28.87078
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 299.3899 299.3899 299.3899 299.3899
##
## ARIMA(2,1,2) : Inf
## Regression with ARIMA(0,1,0) errors : 29.97117

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## Regression with ARIMA(1,1,0) errors : 26.67229
## Regression with ARIMA(0,1,1) errors : 28.16072
## Regression with ARIMA(2,1,0) errors : 26.70237
## Regression with ARIMA(1,1,1) errors : 26.26098
## Regression with ARIMA(2,1,1) errors : 25.21908
## Regression with ARIMA(3,1,1) errors : 27.21179
## Regression with ARIMA(1,1,2) errors : 28.34936
## Regression with ARIMA(3,1,0) errors : 28.9118
## Regression with ARIMA(3,1,2) errors : 28.27336
##
## Best model: Regression with ARIMA(2,1,1) errors
##
## [1] 297.7375 297.7375 297.7375 297.7375
##
## Regression with ARIMA(2,1,2) errors : 25.95669
## Regression with ARIMA(0,1,0) errors : 29.63217
## Regression with ARIMA(1,1,0) errors : 26.44128
## Regression with ARIMA(0,1,1) errors : 27.9447
## Regression with ARIMA(1,1,2) errors : 25.72596
## Regression with ARIMA(0,1,2) errors : 26.82254
## Regression with ARIMA(1,1,1) errors : 25.86587
## Regression with ARIMA(1,1,3) errors : 27.14423
## Regression with ARIMA(0,1,3) errors : 28.86904
## Regression with ARIMA(2,1,1) errors : 24.36691
## Regression with ARIMA(2,1,0) errors : 26.20015
## Regression with ARIMA(3,1,1) errors : 26.26724
## Regression with ARIMA(3,1,0) errors : 28.40393
## Regression with ARIMA(3,1,2) errors : 27.24047
##
## Best model: Regression with ARIMA(2,1,1) errors
##
## [1] 299.9882 299.9882 299.9882 299.9882
##
## Regression with ARIMA(2,1,2) errors : 25.91842
## Regression with ARIMA(0,1,0) errors : 29.66593
## Regression with ARIMA(1,1,0) errors : 25.70668
## Regression with ARIMA(0,1,1) errors : 27.36863
## Regression with ARIMA(2,1,0) errors : 25.85074
## Regression with ARIMA(1,1,1) errors : 25.27873
## Regression with ARIMA(2,1,1) errors : 24.21388
## ARIMA(3,1,1) : Inf
## Regression with ARIMA(1,1,2) errors : 25.59409
## Regression with ARIMA(3,1,0) errors : 28.05782
## ARIMA(3,1,2) : Inf
##
## Best model: Regression with ARIMA(2,1,1) errors
##
## [1] 299.9139 299.9139 299.9139 299.9139
##
## Regression with ARIMA(2,1,2) errors : 24.34546
## Regression with ARIMA(0,1,0) errors : 28.60166
## Regression with ARIMA(1,1,0) errors : 23.24439
## Regression with ARIMA(0,1,1) errors : 25.36504
## Regression with ARIMA(2,1,0) errors : 23.42323

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## Regression with ARIMA(1,1,1) errors : 23.31746
## ARIMA(2,1,1) : Inf
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 301.992 301.992 301.992 301.992
##
## Regression with ARIMA(2,1,2) errors : 25.52511
## Regression with ARIMA(0,1,0) errors : 27.11593
## Regression with ARIMA(1,1,0) errors : 21.95255
## Regression with ARIMA(0,1,1) errors : 23.98844
## Regression with ARIMA(2,1,0) errors : 22.08438
## Regression with ARIMA(1,1,1) errors : 21.57825
## Regression with ARIMA(2,1,1) errors : 22.42144
## Regression with ARIMA(1,1,2) errors : 23.39063
## Regression with ARIMA(0,1,2) errors : 22.82764
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 301.0582 301.0582 301.0582 301.0582
##
## ARIMA(2,1,2) : Inf
## Regression with ARIMA(0,1,0) errors : 27.11454
## Regression with ARIMA(1,1,0) errors : 21.82726
## Regression with ARIMA(0,1,1) errors : 23.89011
## Regression with ARIMA(2,1,0) errors : 21.95511
## Regression with ARIMA(1,1,1) errors : 21.30637
## Regression with ARIMA(2,1,1) errors : 22.9804
## Regression with ARIMA(1,1,2) errors : 23.05321
## Regression with ARIMA(0,1,2) errors : 22.76292
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 300.1168 300.1168 300.1168 300.1168
##
## Regression with ARIMA(2,1,2) errors : 25.21055
## Regression with ARIMA(0,1,0) errors : 26.96219
## Regression with ARIMA(1,1,0) errors : 21.76657
## Regression with ARIMA(0,1,1) errors : 23.77876
## Regression with ARIMA(2,1,0) errors : 21.95611
## Regression with ARIMA(1,1,1) errors : 21.31534
## Regression with ARIMA(2,1,1) errors : 22.99664
## Regression with ARIMA(1,1,2) errors : 23.07226
## Regression with ARIMA(0,1,2) errors : 22.73414
##
## Best model: Regression with ARIMA(1,1,1) errors
##
## [1] 299.4748 299.4748 299.4748 299.4748
##
## Regression with ARIMA(2,1,2) errors : 22.81416
## Regression with ARIMA(0,1,0) errors : 26.86058
## Regression with ARIMA(1,1,0) errors : 21.84852
## Regression with ARIMA(0,1,1) errors : 23.8277
## Regression with ARIMA(2,1,0) errors : 22.00451

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## Regression with ARIMA(1,1,1) errors : 21.41143
## Regression with ARIMA(2,1,1) errors : 21.05154
## Regression with ARIMA(3,1,1) errors : 23.06775
## Regression with ARIMA(1,1,2) errors : 23.18188
## Regression with ARIMA(3,1,0) errors : 24.2149
## Regression with ARIMA(3,1,2) errors : 23.59426
##
## Best model: Regression with ARIMA(2,1,1) errors
##
## [1] 300.517 300.517 300.517 300.517
##
## Regression with ARIMA(2,0,2) errors : 25.54091
## Regression with ARIMA(0,0,0) errors : 189.8187
## Regression with ARIMA(1,0,0) errors : 31.06265
## Regression with ARIMA(0,0,1) errors : 148.7339
## Regression with ARIMA(0,0,0) errors : 330.8563
## Regression with ARIMA(1,0,2) errors : 27.02106
## Regression with ARIMA(2,0,1) errors : 32.89902
## Regression with ARIMA(3,0,2) errors : Inf
## Regression with ARIMA(2,0,3) errors : 27.06824
## Regression with ARIMA(1,0,1) errors : 28.64563
## Regression with ARIMA(1,0,3) errors : 29.14821
## Regression with ARIMA(3,0,1) errors : 23.7252
## Regression with ARIMA(3,0,0) errors : 25.57988
## Regression with ARIMA(4,0,1) errors : 25.6218
## Regression with ARIMA(2,0,0) errors : 26.50436
## Regression with ARIMA(4,0,0) errors : 27.83498
## Regression with ARIMA(4,0,2) errors : Inf
## Regression with ARIMA(3,0,1) errors : Inf
##
## Best model: Regression with ARIMA(3,0,1) errors
##
## [1] 301.3481 301.3481 301.3481 301.3481
##
## ARIMA(2,0,2) with non-zero mean : Inf
## Regression with ARIMA(0,0,0) errors : 180.9328
## Regression with ARIMA(1,0,0) errors : 30.62443
## Regression with ARIMA(0,0,1) errors : 140.47
## Regression with ARIMA(0,0,0) errors : 325.6701
## Regression with ARIMA(2,0,0) errors : 25.57592
## Regression with ARIMA(3,0,0) errors : 24.48405
## Regression with ARIMA(4,0,0) errors : 26.49674
## Regression with ARIMA(3,0,1) errors : 24.49129
## ARIMA(2,0,1) with non-zero mean : Inf
## Regression with ARIMA(4,0,1) errors : 26.04527
## Regression with ARIMA(3,0,0) errors : Inf
##
## Best model: Regression with ARIMA(3,0,0) errors
##
## [1] 303.3919 303.3919 303.3919 303.3919
##
## Regression with ARIMA(2,0,2) errors : 26.91546
## Regression with ARIMA(0,0,0) errors : 175.6896
## Regression with ARIMA(1,0,0) errors : 31.55213

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## Regression with ARIMA(0,0,1) errors : 136.6931
## Regression with ARIMA(0,0,0) errors : 321.538
## Regression with ARIMA(1,0,2) errors : 26.84007
## Regression with ARIMA(0,0,2) errors : 104.9288
## Regression with ARIMA(1,0,1) errors : 28.24409
## Regression with ARIMA(1,0,3) errors : 28.99762
## Regression with ARIMA(0,0,3) errors : 85.96183
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(2,0,3) errors : Inf
## Regression with ARIMA(1,0,2) errors : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 300.5578 300.5578 300.5578 300.5578
##
## Regression with ARIMA(2,0,2) errors : 26.70478
## Regression with ARIMA(0,0,0) errors : 172.4666
## Regression with ARIMA(1,0,0) errors : 31.19142
## Regression with ARIMA(0,0,1) errors : 131.4372
## Regression with ARIMA(0,0,0) errors : 316.564
## Regression with ARIMA(1,0,2) errors : 25.46987
## Regression with ARIMA(0,0,2) errors : 103.4115
## Regression with ARIMA(1,0,1) errors : 27.27735
## Regression with ARIMA(1,0,3) errors : 27.06588
## Regression with ARIMA(0,0,3) errors : 69.37163
## Regression with ARIMA(2,0,1) errors : 34.41211
## Regression with ARIMA(2,0,3) errors : 27.82642
## Regression with ARIMA(1,0,2) errors : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 299.2424 299.2424 299.2424 299.2424
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 168.6177
## Regression with ARIMA(1,0,0) errors : 31.18963
## Regression with ARIMA(0,0,1) errors : 129.3873
## Regression with ARIMA(0,0,0) errors : 311.9104
## Regression with ARIMA(2,0,0) errors : 24.43816
## Regression with ARIMA(3,0,0) errors : 23.30929
## Regression with ARIMA(4,0,0) errors : 24.25333
## Regression with ARIMA(3,0,1) errors : 24.41602
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(4,0,1) errors : Inf
## Regression with ARIMA(3,0,0) errors : Inf
##
## Best model: Regression with ARIMA(3,0,0) errors
##
## [1] 302.0899 302.0899 302.0899 302.0899
##
## Regression with ARIMA(2,0,2) errors : 26.74039
## Regression with ARIMA(0,0,0) errors : 157.8882
## Regression with ARIMA(1,0,0) errors : 30.83038
## Regression with ARIMA(0,0,1) errors : 119.0244

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## Regression with ARIMA(0,0,0) errors : 306.5164
## Regression with ARIMA(1,0,2) errors : 25.26825
## Regression with ARIMA(0,0,2) errors : 91.28099
## Regression with ARIMA(1,0,1) errors : 26.46401
## Regression with ARIMA(1,0,3) errors : 26.17736
## Regression with ARIMA(0,0,3) errors : 68.13605
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(2,0,3) errors : 27.81056
## Regression with ARIMA(1,0,2) errors : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 302.3302 302.3302 302.3302 302.3302
##
## Regression with ARIMA(2,0,2) errors : Inf
## Regression with ARIMA(0,0,0) errors : 144.8729
## Regression with ARIMA(1,0,0) errors : 29.59455
## Regression with ARIMA(0,0,1) errors : 114.8978
## Regression with ARIMA(0,0,0) errors : 301.605
## Regression with ARIMA(2,0,0) errors : 22.79836
## Regression with ARIMA(3,0,0) errors : 22.13769
## Regression with ARIMA(4,0,0) errors : 23.94328
## Regression with ARIMA(3,0,1) errors : 23.17836
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(4,0,1) errors : Inf
## Regression with ARIMA(3,0,0) errors : Inf
##
## Best model: Regression with ARIMA(3,0,0) errors
##
## [1] 301.1965 301.1965 301.1965 301.1965
##
## Regression with ARIMA(2,0,2) errors : -59.04948
## Regression with ARIMA(0,0,0) errors : 133.8557
## Regression with ARIMA(1,0,0) errors : -42.30645
## Regression with ARIMA(0,0,1) errors : 91.267
## Regression with ARIMA(0,0,0) errors : 297.4668
## Regression with ARIMA(1,0,2) errors : -59.22512
## Regression with ARIMA(0,0,2) errors : 50.3433
## Regression with ARIMA(1,0,1) errors : -45.83022
## Regression with ARIMA(1,0,3) errors : -59.11513
## Regression with ARIMA(0,0,3) errors : 15.04832
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(2,0,3) errors : -56.79638
## Regression with ARIMA(1,0,2) errors : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 301.7347 301.7347 301.7347 301.7347
##
## Regression with ARIMA(2,0,2) errors : -56.44238
## Regression with ARIMA(0,0,0) errors : 136.9305
## Regression with ARIMA(1,0,0) errors : -40.22249
## Regression with ARIMA(0,0,1) errors : 93.49621
## Regression with ARIMA(0,0,0) errors : 297.3658

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## Regression with ARIMA(1,0,2) errors : -56.48441
## Regression with ARIMA(0,0,2) errors : 51.13271
## Regression with ARIMA(1,0,1) errors : -44.07322
## Regression with ARIMA(1,0,3) errors : -56.70658
## Regression with ARIMA(0,0,3) errors : 16.03359
## Regression with ARIMA(2,0,3) errors : -54.37649
## Regression with ARIMA(1,0,4) errors : -54.3949
## Regression with ARIMA(0,0,4) errors : -11.49466
## Regression with ARIMA(2,0,4) errors : -52.20381
## ARIMA(1,0,3) with zero mean      : Inf
##
## Best model: Regression with ARIMA(1,0,3) errors
##
## [1] 302.3408 302.3408 302.3408 302.3408
##
## Regression with ARIMA(2,0,2) errors : -55.78795
## Regression with ARIMA(0,0,0) errors : 139.6909
## Regression with ARIMA(1,0,0) errors : -40.23704
## Regression with ARIMA(0,0,1) errors : 94.00958
## Regression with ARIMA(0,0,0) errors : 297.327
## Regression with ARIMA(1,0,2) errors : -56.06614
## Regression with ARIMA(0,0,2) errors : 50.29724
## Regression with ARIMA(1,0,1) errors : -43.76759
## Regression with ARIMA(1,0,3) errors : -55.98641
## Regression with ARIMA(0,0,3) errors : 16.02958
## Regression with ARIMA(2,0,1) errors : -37.23649
## Regression with ARIMA(2,0,3) errors : -53.64374
## ARIMA(1,0,2) with zero mean      : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 295.576 295.576 295.576 295.576
##
## Regression with ARIMA(2,0,2) errors : -56.31332
## Regression with ARIMA(0,0,0) errors : 144.5965
## Regression with ARIMA(1,0,0) errors : -40.40087
## Regression with ARIMA(0,0,1) errors : 97.08958
## Regression with ARIMA(0,0,0) errors : 297.2794
## Regression with ARIMA(1,0,2) errors : -56.74465
## Regression with ARIMA(0,0,2) errors : 51.40352
## Regression with ARIMA(1,0,1) errors : -43.52809
## Regression with ARIMA(1,0,3) errors : -56.49345
## Regression with ARIMA(0,0,3) errors : 16.05093
## Regression with ARIMA(2,0,1) errors : -37.76365
## Regression with ARIMA(2,0,3) errors : -54.14988
## Regression with ARIMA(1,0,2) errors : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 291.0437 291.0437 291.0437 291.0437
##
## Regression with ARIMA(2,0,2) errors : -56.23263
## Regression with ARIMA(0,0,0) errors : 145.0359
## Regression with ARIMA(1,0,0) errors : -40.78773

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## Regression with ARIMA(0,0,1) errors : 97.05439
## Regression with ARIMA(0,0,0) errors : 297.3011
## Regression with ARIMA(1,0,2) errors : -56.58411
## Regression with ARIMA(0,0,2) errors : 51.33104
## Regression with ARIMA(1,0,1) errors : -44.35862
## Regression with ARIMA(1,0,3) errors : -56.40082
## Regression with ARIMA(0,0,3) errors : 15.93221
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(2,0,3) errors : -54.05376
## Regression with ARIMA(1,0,2) errors : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 292.0721 292.0721 292.0721 292.0721
##
## Regression with ARIMA(2,0,2) errors : -56.19259
## Regression with ARIMA(0,0,0) errors : 145.2342
## Regression with ARIMA(1,0,0) errors : -40.83771
## Regression with ARIMA(0,0,1) errors : 96.29092
## Regression with ARIMA(0,0,0) errors : 297.4499
## Regression with ARIMA(1,0,2) errors : -56.62468
## Regression with ARIMA(0,0,2) errors : 51.07652
## Regression with ARIMA(1,0,1) errors : -44.37402
## Regression with ARIMA(1,0,3) errors : -56.35154
## Regression with ARIMA(0,0,3) errors : 15.64417
## Regression with ARIMA(2,0,1) errors : -37.81823
## Regression with ARIMA(2,0,3) errors : -52.64083
## ARIMA(1,0,2) with zero mean : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 287.3071 287.3071 287.3071 287.3071
##
## Regression with ARIMA(2,0,2) errors : -54.69757
## Regression with ARIMA(0,0,0) errors : 146.6462
## Regression with ARIMA(1,0,0) errors : -39.16041
## Regression with ARIMA(0,0,1) errors : 97.0304
## Regression with ARIMA(0,0,0) errors : 297.8442
## Regression with ARIMA(1,0,2) errors : -54.8199
## Regression with ARIMA(0,0,2) errors : 54.65125
## Regression with ARIMA(1,0,1) errors : -43.17333
## Regression with ARIMA(1,0,3) errors : -55.31621
## Regression with ARIMA(0,0,3) errors : 15.96377
## Regression with ARIMA(2,0,3) errors : -52.98834
## Regression with ARIMA(1,0,4) errors : -53.00589
## Regression with ARIMA(0,0,4) errors : -10.257
## Regression with ARIMA(2,0,4) errors : -52.63916
## ARIMA(1,0,3) with zero mean : Inf
##
## Best model: Regression with ARIMA(1,0,3) errors
##
## [1] 287.0583 287.0583 287.0583 287.0583
##
## Regression with ARIMA(2,0,2) errors : -55.18843

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## Regression with ARIMA(0,0,0) errors : 146.7839
## Regression with ARIMA(1,0,0) errors : -39.93726
## Regression with ARIMA(0,0,1) errors : 96.21268
## Regression with ARIMA(0,0,0) errors : 298.4903
## Regression with ARIMA(1,0,2) errors : -55.19372
## Regression with ARIMA(0,0,2) errors : 54.55203
## Regression with ARIMA(1,0,1) errors : -44.39245
## Regression with ARIMA(1,0,3) errors : -55.62371
## Regression with ARIMA(0,0,3) errors : 14.76764
## Regression with ARIMA(2,0,3) errors : -53.28813
## Regression with ARIMA(1,0,4) errors : -53.2982
## Regression with ARIMA(0,0,4) errors : -10.97693
## Regression with ARIMA(2,0,4) errors : -52.72353
## ARIMA(1,0,3) with zero mean      : Inf
##
## Best model: Regression with ARIMA(1,0,3) errors
##
## [1] 281.0521 281.0521 281.0521 281.0521
##
## Regression with ARIMA(2,1,2) errors : -57.22756
## Regression with ARIMA(0,1,0) errors : -42.99963
## Regression with ARIMA(1,1,0) errors : -52.53721
## Regression with ARIMA(0,1,1) errors : -47.34462
## Regression with ARIMA(1,1,2) errors : -56.58049
## Regression with ARIMA(2,1,1) errors : -55.96013
## Regression with ARIMA(3,1,2) errors : Inf
## Regression with ARIMA(2,1,3) errors : -52.28723
## Regression with ARIMA(1,1,1) errors : -55.66347
## Regression with ARIMA(1,1,3) errors : -54.63906
## Regression with ARIMA(3,1,1) errors : -53.72841
## Regression with ARIMA(3,1,3) errors : Inf
##
## Best model: Regression with ARIMA(2,1,2) errors
##
## [1] 286.7701 286.7701 286.7701 286.7701
##
## Regression with ARIMA(2,1,2) errors : -56.6901
## Regression with ARIMA(0,1,0) errors : -41.78129
## Regression with ARIMA(1,1,0) errors : -50.73836
## Regression with ARIMA(0,1,1) errors : -45.77214
## Regression with ARIMA(1,1,2) errors : -56.54392
## Regression with ARIMA(2,1,1) errors : -55.57451
## Regression with ARIMA(3,1,2) errors : -55.36772
## Regression with ARIMA(2,1,3) errors : -54.819
## Regression with ARIMA(1,1,1) errors : -54.06333
## Regression with ARIMA(1,1,3) errors : -54.43455
## Regression with ARIMA(3,1,1) errors : -53.39576
## Regression with ARIMA(3,1,3) errors : Inf
##
## Best model: Regression with ARIMA(2,1,2) errors
##
## [1] 288.1563 288.1563 288.1563 288.1563
##
## Regression with ARIMA(2,1,2) errors : -57.09363

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## Regression with ARIMA(0,1,0) errors : -43.59718
## Regression with ARIMA(1,1,0) errors : -49.4202
## Regression with ARIMA(0,1,1) errors : -45.42497
## Regression with ARIMA(1,1,2) errors : -56.85793
## Regression with ARIMA(2,1,1) errors : -55.9353
## Regression with ARIMA(3,1,2) errors : -51.46173
## Regression with ARIMA(2,1,3) errors : -52.62711
## Regression with ARIMA(1,1,1) errors : -53.54566
## Regression with ARIMA(1,1,3) errors : -54.73422
## Regression with ARIMA(3,1,1) errors : -53.64607
## Regression with ARIMA(3,1,3) errors : Inf
##
## Best model: Regression with ARIMA(2,1,2) errors
##
## [1] 283.6457 283.6457 283.6457 283.6457
##
## Regression with ARIMA(2,1,2) errors : -61.66942
## Regression with ARIMA(0,1,0) errors : -50.04909
## Regression with ARIMA(1,1,0) errors : -57.56979
## Regression with ARIMA(0,1,1) errors : -53.14098
## Regression with ARIMA(1,1,2) errors : -62.84558
## Regression with ARIMA(0,1,2) errors : -64.13557
## Regression with ARIMA(0,1,3) errors : -62.88562
## Regression with ARIMA(1,1,1) errors : -61.25691
## Regression with ARIMA(1,1,3) errors : -61.35648
##
## Best model: Regression with ARIMA(0,1,2) errors
##
## [1] 283.6117 283.6117 283.6117 283.6117
##
## Regression with ARIMA(2,1,2) errors : -60.36957
## Regression with ARIMA(0,1,0) errors : -49.72837
## Regression with ARIMA(1,1,0) errors : -57.05178
## Regression with ARIMA(0,1,1) errors : -52.60049
## Regression with ARIMA(1,1,2) errors : -62.61813
## Regression with ARIMA(0,1,2) errors : -64.00505
## Regression with ARIMA(0,1,3) errors : -62.62057
## Regression with ARIMA(1,1,1) errors : -60.84487
## Regression with ARIMA(1,1,3) errors : -61.27707
##
## Best model: Regression with ARIMA(0,1,2) errors
##
## [1] 282.1707 282.1707 282.1707 282.1707
##
## Regression with ARIMA(2,1,2) errors : -61.47437
## Regression with ARIMA(0,1,0) errors : -48.7581
## Regression with ARIMA(1,1,0) errors : -56.40833
## Regression with ARIMA(0,1,1) errors : -51.61927
## Regression with ARIMA(1,1,2) errors : -62.27361
## Regression with ARIMA(0,1,2) errors : -63.56998
## Regression with ARIMA(0,1,3) errors : -62.35532
## Regression with ARIMA(1,1,1) errors : -60.2631
## Regression with ARIMA(1,1,3) errors : -60.10016
##

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## Best model: Regression with ARIMA(0,1,2) errors
##
## [1] 289.0389 289.0389 289.0389 289.0389
##
## Regression with ARIMA(2,1,2) errors : -60.90886
## Regression with ARIMA(0,1,0) errors : -48.3102
## Regression with ARIMA(1,1,0) errors : -56.22855
## Regression with ARIMA(0,1,1) errors : -51.62404
## Regression with ARIMA(1,1,2) errors : -60.84176
## Regression with ARIMA(2,1,1) errors : -59.76741
## Regression with ARIMA(3,1,2) errors : Inf
## Regression with ARIMA(2,1,3) errors : Inf
## Regression with ARIMA(1,1,1) errors : -59.50244
## Regression with ARIMA(1,1,3) errors : -58.70378
## Regression with ARIMA(3,1,1) errors : -57.56875
## Regression with ARIMA(3,1,3) errors : Inf
##
## Best model: Regression with ARIMA(2,1,2) errors
##
## [1] 284.7535 284.7535 284.7535 284.7535
##
## Regression with ARIMA(2,1,2) errors : -58.56326
## Regression with ARIMA(0,1,0) errors : -46.06534
## Regression with ARIMA(1,1,0) errors : -53.59113
## Regression with ARIMA(0,1,1) errors : -49.14283
## Regression with ARIMA(1,1,2) errors : -57.72378
## Regression with ARIMA(2,1,1) errors : -56.1237
## Regression with ARIMA(3,1,2) errors : -56.29705
## Regression with ARIMA(2,1,3) errors : -56.27762
## Regression with ARIMA(1,1,1) errors : -55.7121
## Regression with ARIMA(1,1,3) errors : -55.10012
## Regression with ARIMA(3,1,1) errors : -54.01203
## Regression with ARIMA(3,1,3) errors : -55.08814
##
## Best model: Regression with ARIMA(2,1,2) errors
##
## [1] 286.6384 286.6384 286.6384 286.6384
##
## Regression with ARIMA(2,1,2) errors : -57.5385
## Regression with ARIMA(0,1,0) errors : -46.45243
## Regression with ARIMA(1,1,0) errors : -52.67413
## Regression with ARIMA(0,1,1) errors : -48.90838
## Regression with ARIMA(1,1,2) errors : -56.74238
## Regression with ARIMA(2,1,1) errors : -55.43226
## Regression with ARIMA(3,1,2) errors : -51.31501
## Regression with ARIMA(2,1,3) errors : -55.24164
## Regression with ARIMA(1,1,1) errors : -55.64833
## Regression with ARIMA(1,1,3) errors : -54.38125
## Regression with ARIMA(3,1,1) errors : -53.21955
## Regression with ARIMA(3,1,3) errors : Inf
##
## Best model: Regression with ARIMA(2,1,2) errors
##
## [1] 287.9876 287.9876 287.9876 287.9876

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##
## Regression with ARIMA(2,1,2) errors : -54.97264
## Regression with ARIMA(0,1,0) errors : -45.47706
## Regression with ARIMA(1,1,0) errors : -52.00583
## Regression with ARIMA(0,1,1) errors : -48.20816
## Regression with ARIMA(1,1,2) errors : -54.61328
## Regression with ARIMA(2,1,1) errors : -54.09717
## Regression with ARIMA(3,1,2) errors : -50.68524
## Regression with ARIMA(2,1,3) errors : -51.81759
## Regression with ARIMA(1,1,1) errors : -55.11074
## Regression with ARIMA(0,1,2) errors : -56.57438
## Regression with ARIMA(0,1,3) errors : -54.65045
## Regression with ARIMA(1,1,3) errors : -52.48781
##
## Best model: Regression with ARIMA(0,1,2) errors
##
## [1] 277.8849 277.8849 277.8849 277.8849
##
## Regression with ARIMA(2,1,2) errors : -49.73811
## Regression with ARIMA(0,1,0) errors : -40.87091
## Regression with ARIMA(1,1,0) errors : -49.50216
## Regression with ARIMA(0,1,1) errors : -44.66248
## Regression with ARIMA(1,1,2) errors : -50.31895
## Regression with ARIMA(0,1,2) errors : -54.55183
## Regression with ARIMA(0,1,3) errors : -53.17396
## Regression with ARIMA(1,1,1) errors : -52.43973
## Regression with ARIMA(1,1,3) errors : -52.51352
##
## Best model: Regression with ARIMA(0,1,2) errors
##
## [1] 283.1173 283.1173 283.1173 283.1173
##
## Regression with ARIMA(2,1,2) errors : -57.70599
## Regression with ARIMA(0,1,0) errors : -51.65341
## Regression with ARIMA(1,1,0) errors : -56.85689
## Regression with ARIMA(0,1,1) errors : -54.17032
## Regression with ARIMA(1,1,2) errors : -56.06177
## Regression with ARIMA(2,1,1) errors : -56.10124
## Regression with ARIMA(3,1,2) errors : Inf
## Regression with ARIMA(2,1,3) errors : -53.91485
## Regression with ARIMA(1,1,1) errors : -58.01255
## Regression with ARIMA(0,1,2) errors : -58.94077
## Regression with ARIMA(0,1,3) errors : -56.76148
## Regression with ARIMA(1,1,3) errors : -55.89246
##
## Best model: Regression with ARIMA(0,1,2) errors
##
## [1] 286.145 286.145 286.145 286.145
##
## Regression with ARIMA(2,1,2) errors : -56.91428
## Regression with ARIMA(0,1,0) errors : -51.99718
## Regression with ARIMA(1,1,0) errors : -55.63302
## Regression with ARIMA(0,1,1) errors : -53.62884
## Regression with ARIMA(1,1,2) errors : -55.01224

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## Regression with ARIMA(2,1,1) errors : -54.0511
## Regression with ARIMA(3,1,2) errors : -54.6463
## Regression with ARIMA(2,1,3) errors : -51.57763
## Regression with ARIMA(1,1,1) errors : -56.11935
## Regression with ARIMA(1,1,3) errors : -52.76733
## Regression with ARIMA(3,1,1) errors : -51.89796
## Regression with ARIMA(3,1,3) errors : Inf
##
## Best model: Regression with ARIMA(2,1,2) errors
##
## [1] 285.4681 285.4681 285.4681 285.4681
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : -22.62585
## Regression with ARIMA(1,1,0) errors : -26.48539
## Regression with ARIMA(0,1,1) errors : -24.05282
## Regression with ARIMA(2,1,0) errors : -25.90351
## Regression with ARIMA(1,1,1) errors : -24.8401
## Regression with ARIMA(2,1,1) errors : -25.53404
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 283.0521 283.0521 283.0521 283.0521
##
## Regression with ARIMA(2,1,2) errors : -2.828016
## Regression with ARIMA(0,1,0) errors : -3.998864
## Regression with ARIMA(1,1,0) errors : -2.901959
## Regression with ARIMA(0,1,1) errors : -2.614012
## Regression with ARIMA(1,1,1) errors : -3.847928
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 283.5326 283.5326 283.5326 283.5326
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : -4.568557
## Regression with ARIMA(1,1,0) errors : -3.464757
## Regression with ARIMA(0,1,1) errors : -3.249574
## Regression with ARIMA(1,1,1) errors : -3.109083
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 286.5038 286.5038 286.5038 286.5038
##
## Regression with ARIMA(2,1,2) errors : 0.8520853
## Regression with ARIMA(0,1,0) errors : -5.055461
## Regression with ARIMA(1,1,0) errors : -4.14913
## Regression with ARIMA(0,1,1) errors : -3.895736
## Regression with ARIMA(1,1,1) errors : -3.379886
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 291.0335 291.0335 291.0335 291.0335
##

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## Regression with ARIMA(2,1,2) errors : 0.7133052
## Regression with ARIMA(0,1,0) errors : -4.937526
## Regression with ARIMA(1,1,0) errors : -4.095191
## Regression with ARIMA(0,1,1) errors : -3.837547
## Regression with ARIMA(1,1,1) errors : -3.573204
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 291.6608 291.6608 291.6608 291.6608
##
## Regression with ARIMA(2,1,2) errors : 1.735459
## Regression with ARIMA(0,1,0) errors : -0.01146397
## Regression with ARIMA(1,1,0) errors : 0.7185883
## Regression with ARIMA(0,1,1) errors : 1.027434
## Regression with ARIMA(1,1,1) errors : 1.681765
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 294.7701 294.7701 294.7701 294.7701
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 4.64011
## Regression with ARIMA(1,1,0) errors : 6.375447
## Regression with ARIMA(0,1,1) errors : 6.47294
## Regression with ARIMA(1,1,1) errors : 7.204863
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 290.9153 290.9153 290.9153 290.9153
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 6.137393
## Regression with ARIMA(1,1,0) errors : 8.107725
## Regression with ARIMA(0,1,1) errors : 8.152695
## Regression with ARIMA(1,1,1) errors : 8.938837
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 293.0273 293.0273 293.0273 293.0273
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 6.874606
## Regression with ARIMA(1,1,0) errors : 8.972055
## Regression with ARIMA(0,1,1) errors : 8.979829
## Regression with ARIMA(1,1,1) errors : 9.913197
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 289.1202 289.1202 289.1202 289.1202
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 7.70316
## Regression with ARIMA(1,1,0) errors : 9.810976
## Regression with ARIMA(0,1,1) errors : 9.815739

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## Regression with ARIMA(1,1,1) errors : 10.48584
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 291.9127 291.9127 291.9127 291.9127
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 8.160844
## Regression with ARIMA(1,1,0) errors : 10.28107
## Regression with ARIMA(0,1,1) errors : 10.28178
## Regression with ARIMA(1,1,1) errors : 11.09905
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 292.4653 292.4653 292.4653 292.4653
##
## Regression with ARIMA(2,1,2) errors : 9.453509
## Regression with ARIMA(0,1,0) errors : 8.160878
## Regression with ARIMA(1,1,0) errors : 10.28123
## Regression with ARIMA(0,1,1) errors : 10.28189
## Regression with ARIMA(1,1,1) errors : 11.12952
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 291.4679 291.4679 291.4679 291.4679
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 8.289026
## Regression with ARIMA(1,1,0) errors : 10.40448
## Regression with ARIMA(0,1,1) errors : 10.40664
## Regression with ARIMA(1,1,1) errors : 11.29926
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 294.5351 294.5351 294.5351 294.5351
##
## Regression with ARIMA(2,0,2) errors : 13.43389
## Regression with ARIMA(0,0,0) errors : 165.6222
## Regression with ARIMA(1,0,0) errors : 12.03913
## Regression with ARIMA(0,0,1) errors : 117.7378
## Regression with ARIMA(0,0,0) errors : 303.7494
## Regression with ARIMA(2,0,0) errors : 14.13413
## Regression with ARIMA(1,0,1) errors : 14.17611
## Regression with ARIMA(2,0,1) errors : 15.35914
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 295.8369 295.8369 295.8369 295.8369
##
## Regression with ARIMA(2,0,2) errors : 13.34626
## Regression with ARIMA(0,0,0) errors : 168.6645
## Regression with ARIMA(1,0,0) errors : 10.81006
## Regression with ARIMA(0,0,1) errors : 119.6853

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## Regression with ARIMA(0,0,0) errors : 304.2229
## Regression with ARIMA(2,0,0) errors : 12.9536
## Regression with ARIMA(1,0,1) errors : 12.97536
## Regression with ARIMA(2,0,1) errors : 14.06327
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 297.0421 297.0421 297.0421 297.0421
##
## Regression with ARIMA(2,0,2) errors : 13.39731
## Regression with ARIMA(0,0,0) errors : 169.1587
## Regression with ARIMA(1,0,0) errors : 10.82987
## Regression with ARIMA(0,0,1) errors : 119.1212
## Regression with ARIMA(0,0,0) errors : 304.0498
## Regression with ARIMA(2,0,0) errors : 12.94657
## Regression with ARIMA(1,0,1) errors : 12.97809
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 298.5193 298.5193 298.5193 298.5193
##
## Regression with ARIMA(2,0,2) errors : 10.692
## Regression with ARIMA(0,0,0) errors : 169.3872
## Regression with ARIMA(1,0,0) errors : 8.610685
## Regression with ARIMA(0,0,1) errors : 119.5321
## Regression with ARIMA(0,0,0) errors : 303.748
## Regression with ARIMA(2,0,0) errors : 10.62853
## Regression with ARIMA(1,0,1) errors : 10.69394
## Regression with ARIMA(2,0,1) errors : 11.91037
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 298.5388 298.5388 298.5388 298.5388
##
## Regression with ARIMA(2,0,2) errors : 9.864136
## Regression with ARIMA(0,0,0) errors : 167.0656
## Regression with ARIMA(1,0,0) errors : 8.202201
## Regression with ARIMA(0,0,1) errors : 117.6432
## Regression with ARIMA(0,0,0) errors : 301.9502
## Regression with ARIMA(2,0,0) errors : 10.19901
## Regression with ARIMA(1,0,1) errors : 10.27399
## Regression with ARIMA(2,0,1) errors : 11.32028
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 298.4466 298.4466 298.4466 298.4466
##
## Regression with ARIMA(2,0,2) errors : 8.948712
## Regression with ARIMA(0,0,0) errors : 165.0209

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## Regression with ARIMA(1,0,0) errors : 7.650571
## Regression with ARIMA(0,0,1) errors : 115.2376
## Regression with ARIMA(0,0,0) errors : 300.6025
## Regression with ARIMA(2,0,0) errors : 9.598591
## Regression with ARIMA(1,0,1) errors : 9.692659
## Regression with ARIMA(2,0,1) errors : 10.88872
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 298.1488 298.1488 298.1488 298.1488
##
## Regression with ARIMA(2,0,2) errors : 9.307403
## Regression with ARIMA(0,0,0) errors : 164.189
## Regression with ARIMA(1,0,0) errors : 8.227322
## Regression with ARIMA(0,0,1) errors : 114.4186
## Regression with ARIMA(0,0,0) errors : 299.0728
## Regression with ARIMA(2,0,0) errors : 10.1305
## Regression with ARIMA(1,0,1) errors : 10.2428
## Regression with ARIMA(2,0,1) errors : 11.26671
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 300.3155 300.3155 300.3155 300.3155
##
## Regression with ARIMA(2,0,2) errors : 10.39261
## Regression with ARIMA(0,0,0) errors : 163.1848
## Regression with ARIMA(1,0,0) errors : 9.549042
## Regression with ARIMA(0,0,1) errors : 113.5079
## Regression with ARIMA(0,0,0) errors : 296.8891
## Regression with ARIMA(2,0,0) errors : 11.29231
## Regression with ARIMA(1,0,1) errors : 11.46618
## Regression with ARIMA(2,0,1) errors : 12.97557
## ARIMA(1,0,0) with zero mean : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 300.2806 300.2806 300.2806 300.2806
##
## Regression with ARIMA(2,0,2) errors : 10.32378
## Regression with ARIMA(0,0,0) errors : 162.047
## Regression with ARIMA(1,0,0) errors : 9.548451
## Regression with ARIMA(0,0,1) errors : 112.0675
## Regression with ARIMA(0,0,0) errors : 294.8014
## Regression with ARIMA(2,0,0) errors : 11.32717
## Regression with ARIMA(1,0,1) errors : 11.48392
## Regression with ARIMA(2,0,1) errors : 12.99114
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 301.6406 301.6406 301.6406 301.6406
##

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## Regression with ARIMA(2,0,2) errors : 12.15291
## Regression with ARIMA(0,0,0) errors : 160.5137
## Regression with ARIMA(1,0,0) errors : 10.54173
## Regression with ARIMA(0,0,1) errors : 110.6749
## Regression with ARIMA(0,0,0) errors : 292.7102
## Regression with ARIMA(2,0,0) errors : 12.30596
## Regression with ARIMA(1,0,1) errors : 12.45964
## Regression with ARIMA(2,0,1) errors : 13.75641
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 300.8584 300.8584 300.8584 300.8584
##
## Regression with ARIMA(2,0,2) errors : 12.06295
## Regression with ARIMA(0,0,0) errors : 159.0944
## Regression with ARIMA(1,0,0) errors : 10.55902
## Regression with ARIMA(0,0,1) errors : 109.0552
## Regression with ARIMA(0,0,0) errors : 291.0482
## Regression with ARIMA(2,0,0) errors : 12.32931
## Regression with ARIMA(1,0,1) errors : 12.4809
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 300.0842 300.0842 300.0842 300.0842
##
## Regression with ARIMA(2,0,2) errors : 9.834286
## Regression with ARIMA(0,0,0) errors : 157.5912
## Regression with ARIMA(1,0,0) errors : 8.841772
## Regression with ARIMA(0,0,1) errors : 108.3615
## Regression with ARIMA(0,0,0) errors : 289.6003
## Regression with ARIMA(2,0,0) errors : 10.87354
## Regression with ARIMA(1,0,1) errors : 10.93927
## Regression with ARIMA(2,0,1) errors : 11.803
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 301.4023 301.4023 301.4023 301.4023
##
## Regression with ARIMA(2,0,2) errors : 5.795112
## Regression with ARIMA(0,0,0) errors : 157.1466
## Regression with ARIMA(1,0,0) errors : 4.726359
## Regression with ARIMA(0,0,1) errors : 106.5099
## Regression with ARIMA(0,0,0) errors : 289.5398
## Regression with ARIMA(2,0,0) errors : 6.712516
## Regression with ARIMA(1,0,1) errors : 6.793742
## Regression with ARIMA(2,0,1) errors : 7.822998
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##

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## [1] 301.0041 301.0041 301.0041 301.0041
##
## Regression with ARIMA(2,0,2) errors : 5.764839
## Regression with ARIMA(0,0,0) errors : 157.1358
## Regression with ARIMA(1,0,0) errors : 4.722075
## Regression with ARIMA(0,0,1) errors : 106.6387
## Regression with ARIMA(0,0,0) errors : 290.4465
## Regression with ARIMA(2,0,0) errors : 6.704528
## Regression with ARIMA(1,0,1) errors : 6.787272
## Regression with ARIMA(2,0,1) errors : 7.805444
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 299.5887 299.5887 299.5887 299.5887
##
## Regression with ARIMA(2,0,2) errors : 5.56238
## Regression with ARIMA(0,0,0) errors : 157.273
## Regression with ARIMA(1,0,0) errors : 4.522646
## Regression with ARIMA(0,0,1) errors : 106.9983
## Regression with ARIMA(0,0,0) errors : 291.3124
## Regression with ARIMA(2,0,0) errors : 6.495373
## Regression with ARIMA(1,0,1) errors : 6.581438
## Regression with ARIMA(2,0,1) errors : 7.659967
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 299.6122 299.6122 299.6122 299.6122
##
## Regression with ARIMA(2,0,2) errors : 5.502892
## Regression with ARIMA(0,0,0) errors : 157.4081
## Regression with ARIMA(1,0,0) errors : 4.525976
## Regression with ARIMA(0,0,1) errors : 107.2337
## Regression with ARIMA(0,0,0) errors : 292.068
## Regression with ARIMA(2,0,0) errors : 6.50481
## Regression with ARIMA(1,0,1) errors : 6.589126
## Regression with ARIMA(2,0,1) errors : 7.701741
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 300.4395 300.4395 300.4395 300.4395
##
## Regression with ARIMA(2,0,2) errors : 5.567651
## Regression with ARIMA(0,0,0) errors : 157.4606
## Regression with ARIMA(1,0,0) errors : 4.470639
## Regression with ARIMA(0,0,1) errors : 107.5725
## Regression with ARIMA(0,0,0) errors : 292.8311
## Regression with ARIMA(2,0,0) errors : 6.441701
## Regression with ARIMA(1,0,1) errors : 6.52799
## Regression with ARIMA(2,0,1) errors : 7.681879
## Regression with ARIMA(1,0,0) errors : Inf
##

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## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 299.961 299.961 299.961 299.961
##
## Regression with ARIMA(2,0,2) errors : 5.59581
## Regression with ARIMA(0,0,0) errors : 157.2518
## Regression with ARIMA(1,0,0) errors : 4.36935
## Regression with ARIMA(0,0,1) errors : 107.3372
## Regression with ARIMA(0,0,0) errors : 293.7519
## Regression with ARIMA(2,0,0) errors : 6.309409
## Regression with ARIMA(1,0,1) errors : 6.406159
## Regression with ARIMA(2,0,1) errors : 7.522196
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 296.4736 296.4736 296.4736 296.4736
##
## Regression with ARIMA(2,0,2) errors : 4.957623
## Regression with ARIMA(0,0,0) errors : 157.0859
## Regression with ARIMA(1,0,0) errors : 3.727763
## Regression with ARIMA(0,0,1) errors : 107.3477
## Regression with ARIMA(0,0,0) errors : 294.2775
## Regression with ARIMA(2,0,0) errors : 5.63946
## Regression with ARIMA(1,0,1) errors : 5.745309
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 294.1255 294.1255 294.1255 294.1255
##
## Regression with ARIMA(2,0,2) errors : 4.711284
## Regression with ARIMA(0,0,0) errors : 156.5686
## Regression with ARIMA(1,0,0) errors : 3.688398
## Regression with ARIMA(0,0,1) errors : 107.1882
## Regression with ARIMA(0,0,0) errors : 294.7531
## Regression with ARIMA(2,0,0) errors : 5.617903
## Regression with ARIMA(1,0,1) errors : 5.718098
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 292.3297 292.3297 292.3297 292.3297
##
## Regression with ARIMA(2,0,2) errors : 4.544522
## Regression with ARIMA(0,0,0) errors : 157.6837
## Regression with ARIMA(1,0,0) errors : 3.552489
## Regression with ARIMA(0,0,1) errors : 108.0082
## Regression with ARIMA(0,0,0) errors : 295.1122
## Regression with ARIMA(2,0,0) errors : 5.523068
## Regression with ARIMA(1,0,1) errors : 5.609119
## Regression with ARIMA(2,0,1) errors : Inf

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## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 295.6737 295.6737 295.6737 295.6737
##
## Regression with ARIMA(2,0,2) errors : 4.138805
## Regression with ARIMA(0,0,0) errors : 158.6725
## Regression with ARIMA(1,0,0) errors : 2.989082
## Regression with ARIMA(0,0,1) errors : 109.08
## Regression with ARIMA(0,0,0) errors : 295.3056
## Regression with ARIMA(2,0,0) errors : 4.887035
## Regression with ARIMA(1,0,1) errors : 4.995917
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 293.111 293.111 293.111 293.111
##
## Regression with ARIMA(2,0,2) errors : 4.332018
## Regression with ARIMA(0,0,0) errors : 158.4533
## Regression with ARIMA(1,0,0) errors : 3.225782
## Regression with ARIMA(0,0,1) errors : 108.8277
## Regression with ARIMA(0,0,0) errors : 295.6953
## Regression with ARIMA(2,0,0) errors : 5.077483
## Regression with ARIMA(1,0,1) errors : 5.202112
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 294.9468 294.9468 294.9468 294.9468
##
## Regression with ARIMA(2,0,2) errors : 6.248561
## Regression with ARIMA(0,0,0) errors : 160.3335
## Regression with ARIMA(1,0,0) errors : 4.659045
## Regression with ARIMA(0,0,1) errors : 111.7368
## Regression with ARIMA(0,0,0) errors : 296.2981
## Regression with ARIMA(2,0,0) errors : 6.528586
## Regression with ARIMA(1,0,1) errors : 6.644777
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 291.5793 291.5793 291.5793 291.5793
##
## Regression with ARIMA(2,0,2) errors : 7.367787
## Regression with ARIMA(0,0,0) errors : 160.495
## Regression with ARIMA(1,0,0) errors : 6.008982
## Regression with ARIMA(0,0,1) errors : 111.725
## Regression with ARIMA(0,0,0) errors : 296.4709
## Regression with ARIMA(2,0,0) errors : 7.985094

```



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## Regression with ARIMA(1,0,1) errors : 8.067343
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 289.5092 289.5092 289.5092 289.5092
##
## Regression with ARIMA(2,0,2) errors : 7.337248
## Regression with ARIMA(0,0,0) errors : 161.8963
## Regression with ARIMA(1,0,0) errors : 6.221523
## Regression with ARIMA(0,0,1) errors : 114.3699
## Regression with ARIMA(0,0,0) errors : 296.6159
## Regression with ARIMA(2,0,0) errors : 8.259547
## Regression with ARIMA(1,0,1) errors : 8.321218
## ARIMA(2,0,1) with non-zero mean : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 293.1898 293.1898 293.1898 293.1898
##
## Regression with ARIMA(2,0,2) errors : 7.381008
## Regression with ARIMA(0,0,0) errors : 163.5072
## Regression with ARIMA(1,0,0) errors : 6.258159
## Regression with ARIMA(0,0,1) errors : 114.7911
## Regression with ARIMA(0,0,0) errors : 296.5807
## Regression with ARIMA(2,0,0) errors : 8.299642
## Regression with ARIMA(1,0,1) errors : 8.361183
## ARIMA(2,0,1) with non-zero mean : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 287.4932 287.4932 287.4932 287.4932
##
## Regression with ARIMA(2,0,2) errors : 7.369243
## Regression with ARIMA(0,0,0) errors : 162.7554
## Regression with ARIMA(1,0,0) errors : 6.259217
## Regression with ARIMA(0,0,1) errors : 114.9968
## Regression with ARIMA(0,0,0) errors : 296.3906
## Regression with ARIMA(2,0,0) errors : 8.290932
## Regression with ARIMA(1,0,1) errors : 8.356818
## Regression with ARIMA(2,0,1) errors : Inf
## Regression with ARIMA(1,0,0) errors : Inf
##
## Best model: Regression with ARIMA(1,0,0) errors
##
## [1] 288.2106 288.2106 288.2106 288.2106
##
## Regression with ARIMA(2,1,2) errors : 3.17506
## Regression with ARIMA(0,1,0) errors : 2.441544
## Regression with ARIMA(1,1,0) errors : 4.530734
## Regression with ARIMA(0,1,1) errors : 4.54052

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## Regression with ARIMA(1,1,1) errors : 6.001238
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 280.9841 280.9841 280.9841 280.9841
##
## Regression with ARIMA(2,1,2) errors : 3.189541
## Regression with ARIMA(0,1,0) errors : 2.508159
## Regression with ARIMA(1,1,0) errors : 4.59434
## Regression with ARIMA(0,1,1) errors : 4.605015
## Regression with ARIMA(1,1,1) errors : Inf
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 285.0545 285.0545 285.0545 285.0545
##
## Regression with ARIMA(2,1,2) errors : 2.352327
## Regression with ARIMA(0,1,0) errors : 2.160999
## Regression with ARIMA(1,1,0) errors : 4.18562
## Regression with ARIMA(0,1,1) errors : 4.2142
## Regression with ARIMA(1,1,1) errors : 5.685588
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 280.3892 280.3892 280.3892 280.3892
##
## Regression with ARIMA(2,1,2) errors : 2.161977
## Regression with ARIMA(0,1,0) errors : 1.97237
## Regression with ARIMA(1,1,0) errors : 4.014522
## Regression with ARIMA(0,1,1) errors : 4.038417
## Regression with ARIMA(1,1,1) errors : Inf
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 281.1077 281.1077 281.1077 281.1077
##
## Regression with ARIMA(2,1,2) errors : 2.047707
## Regression with ARIMA(0,1,0) errors : 1.576282
## Regression with ARIMA(1,1,0) errors : 3.572253
## Regression with ARIMA(0,1,1) errors : 3.610089
## Regression with ARIMA(1,1,1) errors : 4.852017
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 286.3396 286.3396 286.3396 286.3396
##
## Regression with ARIMA(2,1,2) errors : 1.141482
## Regression with ARIMA(0,1,0) errors : 0.4603269
## Regression with ARIMA(1,1,0) errors : 2.538957
## Regression with ARIMA(0,1,1) errors : 2.551165
## Regression with ARIMA(1,1,1) errors : 3.975154
##
## Best model: Regression with ARIMA(0,1,0) errors
##

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## [1] 279.6559 279.6559 279.6559 279.6559
##
## Regression with ARIMA(2,1,2) errors : 4.32053
## Regression with ARIMA(0,1,0) errors : 0.1832401
## Regression with ARIMA(1,1,0) errors : 2.296738
## Regression with ARIMA(0,1,1) errors : 2.299183
## Regression with ARIMA(1,1,1) errors : 3.763079
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 278.8669 278.8669 278.8669 278.8669
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : -1.617376
## Regression with ARIMA(1,1,0) errors : 0.4314862
## Regression with ARIMA(0,1,1) errors : 0.449893
## Regression with ARIMA(1,1,1) errors : 1.441
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 283.7718 283.7718 283.7718 283.7718
##
## Regression with ARIMA(2,1,2) errors : 3.775163
## Regression with ARIMA(0,1,0) errors : -1.361015
## Regression with ARIMA(1,1,0) errors : 0.7218133
## Regression with ARIMA(0,1,1) errors : 0.7317263
## Regression with ARIMA(1,1,1) errors : 1.673131
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 285.2256 285.2256 285.2256 285.2256
##
## Regression with ARIMA(2,1,2) errors : 3.902339
## Regression with ARIMA(0,1,0) errors : -1.224803
## Regression with ARIMA(1,1,0) errors : 0.8335306
## Regression with ARIMA(0,1,1) errors : 0.8488481
## Regression with ARIMA(1,1,1) errors : 1.751976
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 279.7452 279.7452 279.7452 279.7452
##
## Regression with ARIMA(2,1,2) errors : 3.490046
## Regression with ARIMA(0,1,0) errors : -1.590216
## Regression with ARIMA(1,1,0) errors : 0.490606
## Regression with ARIMA(0,1,1) errors : 0.5000141
## Regression with ARIMA(1,1,1) errors : 1.565137
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 283.1428 283.1428 283.1428 283.1428
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 0.9430013

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## Regression with ARIMA(1,1,0) errors : 2.966077
## Regression with ARIMA(0,1,1) errors : 2.985981
## Regression with ARIMA(1,1,1) errors : 4.249742
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 275.966 275.966 275.966 275.966
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 1.482546
## Regression with ARIMA(1,1,0) errors : 3.579561
## Regression with ARIMA(0,1,1) errors : 3.583827
## ARIMA(1,1,1) : Inf
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 289.5064 289.5064 289.5064 289.5064
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 2.255839
## Regression with ARIMA(1,1,0) errors : 4.346145
## Regression with ARIMA(0,1,1) errors : 4.352333
## Regression with ARIMA(1,1,1) errors : 5.715984
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 285.1164 285.1164 285.1164 285.1164
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : -0.4676596
## Regression with ARIMA(1,1,0) errors : 1.653029
## Regression with ARIMA(0,1,1) errors : 1.653352
## Regression with ARIMA(1,1,1) errors : 3.330606
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 290.1607 290.1607 290.1607 290.1607
##
## Regression with ARIMA(2,1,2) errors : 4.308496
## Regression with ARIMA(0,1,0) errors : -0.504132
## Regression with ARIMA(1,1,0) errors : 1.616865
## Regression with ARIMA(0,1,1) errors : 1.617125
## Regression with ARIMA(1,1,1) errors : 3.294217
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 288.709 288.709 288.709 288.709
##
## Regression with ARIMA(2,1,2) errors : 4.433756
## Regression with ARIMA(0,1,0) errors : -0.5344827
## Regression with ARIMA(1,1,0) errors : 1.587941
## Regression with ARIMA(0,1,1) errors : 1.587941
## Regression with ARIMA(1,1,1) errors : 3.321212
##

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## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 292.1665 292.1665 292.1665 292.1665
##
## Regression with ARIMA(2,1,2) errors : 4.622886
## Regression with ARIMA(0,1,0) errors : -0.366831
## Regression with ARIMA(1,1,0) errors : 1.754955
## Regression with ARIMA(0,1,1) errors : 1.755079
## Regression with ARIMA(1,1,1) errors : Inf
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 286.1511 286.1511 286.1511 286.1511
##
## Regression with ARIMA(2,1,2) errors : 7.093541
## Regression with ARIMA(0,1,0) errors : 1.387981
## Regression with ARIMA(1,1,0) errors : 3.508921
## Regression with ARIMA(0,1,1) errors : 3.509209
## Regression with ARIMA(1,1,1) errors : Inf
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 292.7434 292.7434 292.7434 292.7434
##
## Regression with ARIMA(2,1,2) errors : 6.398914
## Regression with ARIMA(0,1,0) errors : 0.9262397
## Regression with ARIMA(1,1,0) errors : 3.044861
## Regression with ARIMA(0,1,1) errors : 3.045635
## Regression with ARIMA(1,1,1) errors : Inf
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 291.6672 291.6672 291.6672 291.6672
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 1.408269
## Regression with ARIMA(1,1,0) errors : 3.530429
## Regression with ARIMA(0,1,1) errors : 3.530484
## Regression with ARIMA(1,1,1) errors : 5.240029
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 288.7772 288.7772 288.7772 288.7772
##
## ARIMA(2,1,2) : Inf
## Regression with ARIMA(0,1,0) errors : 1.637834
## Regression with ARIMA(1,1,0) errors : 3.759779
## Regression with ARIMA(0,1,1) errors : 3.759878
## Regression with ARIMA(1,1,1) errors : 5.443865
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 294.5467 294.5467 294.5467 294.5467
##

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## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 1.523517
## Regression with ARIMA(1,1,0) errors : 3.644748
## Regression with ARIMA(0,1,1) errors : 3.644992
## Regression with ARIMA(1,1,1) errors : 5.345525
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 293.3645 293.3645 293.3645 293.3645
##
## Regression with ARIMA(2,1,2) errors : 7.137692
## Regression with ARIMA(0,1,0) errors : 1.545211
## Regression with ARIMA(1,1,0) errors : 3.664975
## Regression with ARIMA(0,1,1) errors : 3.665508
## Regression with ARIMA(1,1,1) errors : 5.357054
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 292.2483 292.2483 292.2483 292.2483
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 1.397181
## Regression with ARIMA(1,1,0) errors : 3.519338
## Regression with ARIMA(0,1,1) errors : 3.519389
## Regression with ARIMA(1,1,1) errors : 5.310039
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 296.2136 296.2136 296.2136 296.2136
##
## ARIMA(2,1,2) : Inf
## Regression with ARIMA(0,1,0) errors : 1.286064
## Regression with ARIMA(1,1,0) errors : 3.407946
## Regression with ARIMA(0,1,1) errors : 3.408044
## Regression with ARIMA(1,1,1) errors : 5.25106
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 297.0093 297.0093 297.0093 297.0093
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 0.6749629
## Regression with ARIMA(1,1,0) errors : 2.79737
## Regression with ARIMA(0,1,1) errors : 2.797373
## Regression with ARIMA(1,1,1) errors : 4.681026
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 296.9533 296.9533 296.9533 296.9533
##
## Regression with ARIMA(2,1,2) errors : 6.662285
## Regression with ARIMA(0,1,0) errors : 0.6927953
## Regression with ARIMA(1,1,0) errors : 2.814411
## Regression with ARIMA(0,1,1) errors : 2.814552

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## Regression with ARIMA(1,1,1) errors : 4.710039
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 298.3545 298.3545 298.3545 298.3545
##
## Regression with ARIMA(2,1,2) errors : 6.10688
## Regression with ARIMA(0,1,0) errors : 0.3921399
## Regression with ARIMA(1,1,0) errors : 2.502451
## Regression with ARIMA(0,1,1) errors : 2.504787
## Regression with ARIMA(1,1,1) errors : Inf
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 299.4766 299.4766 299.4766 299.4766
##
## Regression with ARIMA(2,1,2) errors : 3.060762
## Regression with ARIMA(0,1,0) errors : -0.2206221
## Regression with ARIMA(1,1,0) errors : 1.899498
## Regression with ARIMA(0,1,1) errors : 1.899936
## Regression with ARIMA(1,1,1) errors : 3.63443
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 298.0949 298.0949 298.0949 298.0949
##
## Regression with ARIMA(2,1,2) errors : 5.27985
## Regression with ARIMA(0,1,0) errors : -0.5063176
## Regression with ARIMA(1,1,0) errors : 1.612962
## Regression with ARIMA(0,1,1) errors : 1.613549
## Regression with ARIMA(1,1,1) errors : Inf
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 298.7267 298.7267 298.7267 298.7267
##
## Regression with ARIMA(2,1,2) errors : 5.259353
## Regression with ARIMA(0,1,0) errors : -0.5825055
## Regression with ARIMA(1,1,0) errors : 1.535589
## Regression with ARIMA(0,1,1) errors : 1.536399
## ARIMA(1,1,1) : Inf
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 298.3159 298.3159 298.3159 298.3159
##
## Regression with ARIMA(2,1,2) errors : 5.937756
## Regression with ARIMA(0,1,0) errors : 0.06631526
## Regression with ARIMA(1,1,0) errors : 2.185618
## Regression with ARIMA(0,1,1) errors : 2.18621
## Regression with ARIMA(1,1,1) errors : Inf
##
## Best model: Regression with ARIMA(0,1,0) errors
##

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## [1] 298.4422 298.4422 298.4422 298.4422
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 0.8337479
## Regression with ARIMA(1,1,0) errors : 2.95422
## Regression with ARIMA(0,1,1) errors : 2.954571
## Regression with ARIMA(1,1,1) errors : Inf
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 299.3745 299.3745 299.3745 299.3745
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 0.7776278
## Regression with ARIMA(1,1,0) errors : 2.864073
## Regression with ARIMA(0,1,1) errors : 2.871155
## Regression with ARIMA(1,1,1) errors : 4.548802
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 302.0484 302.0484 302.0484 302.0484
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : -1.456677
## Regression with ARIMA(1,1,0) errors : 0.6655895
## Regression with ARIMA(0,1,1) errors : 0.6656209
## Regression with ARIMA(1,1,1) errors : 2.519967
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 299.4803 299.4803 299.4803 299.4803
##
## Regression with ARIMA(2,1,2) errors : 3.097831
## Regression with ARIMA(0,1,0) errors : -2.657765
## Regression with ARIMA(1,1,0) errors : -0.5397221
## Regression with ARIMA(0,1,1) errors : -0.5388702
## Regression with ARIMA(1,1,1) errors : 1.414133
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 300.4886 300.4886 300.4886 300.4886
##
## Regression with ARIMA(2,1,2) errors : 2.773958
## Regression with ARIMA(0,1,0) errors : -2.842004
## Regression with ARIMA(1,1,0) errors : -0.7367662
## Regression with ARIMA(0,1,1) errors : -0.7332052
## Regression with ARIMA(1,1,1) errors : -0.6897198
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 299.6633 299.6633 299.6633 299.6633
##
## Regression with ARIMA(2,1,2) errors : 3.154529
## Regression with ARIMA(0,1,0) errors : -2.077728

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## Regression with ARIMA(1,1,0) errors : 0.04306477
## Regression with ARIMA(0,1,1) errors : 0.04339928
## Regression with ARIMA(1,1,1) errors : Inf
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 300.8585 300.8585 300.8585 300.8585
##
## Regression with ARIMA(2,1,2) errors : 3.694767
## Regression with ARIMA(0,1,0) errors : -1.496781
## Regression with ARIMA(1,1,0) errors : 0.6118097
## Regression with ARIMA(0,1,1) errors : 0.6145756
## Regression with ARIMA(1,1,1) errors : Inf
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 298.6873 298.6873 298.6873 298.6873
##
## Regression with ARIMA(2,1,2) errors : 4.565576
## Regression with ARIMA(0,1,0) errors : -1.336772
## Regression with ARIMA(1,1,0) errors : 0.784145
## Regression with ARIMA(0,1,1) errors : 0.7844412
## Regression with ARIMA(1,1,1) errors : 2.738485
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 298.1757 298.1757 298.1757 298.1757
##
## Regression with ARIMA(2,1,2) errors : 5.694547
## Regression with ARIMA(0,1,0) errors : 0.3163999
## Regression with ARIMA(1,1,0) errors : 2.438438
## Regression with ARIMA(0,1,1) errors : 2.43852
## Regression with ARIMA(1,1,1) errors : Inf
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 297.1573 297.1573 297.1573 297.1573
##
## Regression with ARIMA(2,1,2) errors : 4.556249
## Regression with ARIMA(0,1,0) errors : -1.062666
## Regression with ARIMA(1,1,0) errors : 1.042106
## Regression with ARIMA(0,1,1) errors : 1.045567
## Regression with ARIMA(1,1,1) errors : 3.06818
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 294.8288 294.8288 294.8288 294.8288
##
## ARIMA(2,1,2) : Inf
## Regression with ARIMA(0,1,0) errors : -1.127765
## Regression with ARIMA(1,1,0) errors : 0.9749139
## Regression with ARIMA(0,1,1) errors : 0.9787238
## Regression with ARIMA(1,1,1) errors : 2.992869
##

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## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 297.4855 297.4855 297.4855 297.4855
##
## Regression with ARIMA(2,1,2) errors : 4.435536
## Regression with ARIMA(0,1,0) errors : -1.19034
## Regression with ARIMA(1,1,0) errors : 0.9181268
## Regression with ARIMA(0,1,1) errors : 0.9207883
## Regression with ARIMA(1,1,1) errors : 2.979471
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 296.0844 296.0844 296.0844 296.0844
##
## Regression with ARIMA(2,1,2) errors : 4.376477
## Regression with ARIMA(0,1,0) errors : -1.306946
## Regression with ARIMA(1,1,0) errors : 0.7986339
## Regression with ARIMA(0,1,1) errors : 0.8016109
## Regression with ARIMA(1,1,1) errors : 2.882571
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 295.4401 295.4401 295.4401 295.4401
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : -1.480727
## Regression with ARIMA(1,1,0) errors : 0.6325831
## Regression with ARIMA(0,1,1) errors : 0.6341572
## Regression with ARIMA(1,1,1) errors : 2.739756
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 292.5389 292.5389 292.5389 292.5389
##
## Regression with ARIMA(2,1,2) errors : 3.186223
## Regression with ARIMA(0,1,0) errors : -2.975063
## Regression with ARIMA(1,1,0) errors : -0.8551815
## Regression with ARIMA(0,1,1) errors : -0.8548047
## Regression with ARIMA(1,1,1) errors : Inf
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 289.6829 289.6829 289.6829 289.6829
##
## Regression with ARIMA(2,1,2) errors : 3.207171
## Regression with ARIMA(0,1,0) errors : -2.85341
## Regression with ARIMA(1,1,0) errors : -0.7312837
## Regression with ARIMA(0,1,1) errors : -0.7312381
## Regression with ARIMA(1,1,1) errors : Inf
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 285.5078 285.5078 285.5078 285.5078
##

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```

## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : -4.168659
## Regression with ARIMA(1,1,0) errors : -2.061187
## Regression with ARIMA(0,1,1) errors : -2.059177
## Regression with ARIMA(1,1,1) errors : Inf
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 288.2764 288.2764 288.2764 288.2764
##
## Regression with ARIMA(2,1,2) errors : 1.497071
## Regression with ARIMA(0,1,0) errors : -4.280119
## Regression with ARIMA(1,1,0) errors : -2.178471
## Regression with ARIMA(0,1,1) errors : -2.175125
## Regression with ARIMA(1,1,1) errors : -0.0560109
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 287.0472 287.0472 287.0472 287.0472
##
## Regression with ARIMA(2,1,2) errors : 0.6062306
## Regression with ARIMA(0,1,0) errors : -4.806209
## Regression with ARIMA(1,1,0) errors : -2.685506
## Regression with ARIMA(0,1,1) errors : -2.685225
## Regression with ARIMA(1,1,1) errors : -0.5216247
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 283.5489 283.5489 283.5489 283.5489
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : -3.858357
## Regression with ARIMA(1,1,0) errors : -1.770489
## Regression with ARIMA(0,1,1) errors : -1.764576
## Regression with ARIMA(1,1,1) errors : Inf
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 288.2471 288.2471 288.2471 288.2471
##
## Regression with ARIMA(2,1,2) errors : 1.298162
## Regression with ARIMA(0,1,0) errors : -4.255776
## Regression with ARIMA(1,1,0) errors : -2.167246
## Regression with ARIMA(0,1,1) errors : -2.161413
## Regression with ARIMA(1,1,1) errors : -1.867849
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 286.8497 286.8497 286.8497 286.8497
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : -4.830432
## Regression with ARIMA(1,1,0) errors : -2.709376
## Regression with ARIMA(0,1,1) errors : -2.709113

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## Regression with ARIMA(1,1,1) errors : -0.5890278
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 288.1753 288.1753 288.1753 288.1753
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : -4.810182
## Regression with ARIMA(1,1,0) errors : -2.703989
## Regression with ARIMA(0,1,1) errors : -2.700659
## Regression with ARIMA(1,1,1) errors : Inf
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 284.6241 284.6241 284.6241 284.6241
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : -1.294048
## Regression with ARIMA(1,1,0) errors : 0.7700373
## Regression with ARIMA(0,1,1) errors : 0.7822937
## Regression with ARIMA(1,1,1) errors : 2.563417
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 293.6897 293.6897 293.6897 293.6897
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : -0.1339105
## Regression with ARIMA(1,1,0) errors : 1.988267
## Regression with ARIMA(0,1,1) errors : 1.988312
## Regression with ARIMA(1,1,1) errors : 4.011425
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 279.8133 279.8133 279.8133 279.8133
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : -0.5971159
## Regression with ARIMA(1,1,0) errors : 1.504194
## Regression with ARIMA(0,1,1) errors : 1.50825
## Regression with ARIMA(1,1,1) errors : Inf
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 281.0965 281.0965 281.0965 281.0965
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : -1.386255
## Regression with ARIMA(1,1,0) errors : 0.7186425
## Regression with ARIMA(0,1,1) errors : 0.7218167
## Regression with ARIMA(1,1,1) errors : 2.539763
##
## Best model: Regression with ARIMA(0,1,0) errors
##

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## [1] 277.598 277.598 277.598 277.598
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : 1.297071
## Regression with ARIMA(1,1,0) errors : 3.302386
## Regression with ARIMA(0,1,1) errors : 3.324643
## Regression with ARIMA(1,1,1) errors : 5.01258
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 278.9746 278.9746 278.9746 278.9746
##
## Regression with ARIMA(2,1,2) errors : 5.9182
## Regression with ARIMA(0,1,0) errors : 4.289094
## Regression with ARIMA(1,1,0) errors : 6.343063
## Regression with ARIMA(0,1,1) errors : 6.363857
## Regression with ARIMA(1,1,1) errors : Inf
##
## Best model: Regression with ARIMA(0,1,0) errors
##
## [1] 282.3108 282.3108 282.3108 282.3108
##
## Regression with ARIMA(2,1,2) errors : -50.01557
## Regression with ARIMA(0,1,0) errors : -26.40213
## Regression with ARIMA(1,1,0) errors : -39.34086
## Regression with ARIMA(0,1,1) errors : -34.88362
## Regression with ARIMA(1,1,2) errors : -37.26544
## Regression with ARIMA(2,1,1) errors : -41.63878
## Regression with ARIMA(3,1,2) errors : -46.23986
## Regression with ARIMA(2,1,3) errors : -48.52334
## Regression with ARIMA(1,1,1) errors : -37.85335
## Regression with ARIMA(1,1,3) errors : -35.80111
## Regression with ARIMA(3,1,1) errors : Inf
## Regression with ARIMA(3,1,3) errors : Inf
##
## Best model: Regression with ARIMA(2,1,2) errors
##
## [1] 283.1468 283.1468 283.1468 283.1468
##
## Regression with ARIMA(2,1,2) errors : -68.98134
## Regression with ARIMA(0,1,0) errors : -50.97639
## Regression with ARIMA(1,1,0) errors : -65.92767
## Regression with ARIMA(0,1,1) errors : -60.7644
## Regression with ARIMA(1,1,2) errors : -63.66645
## Regression with ARIMA(2,1,1) errors : -71.1221
## Regression with ARIMA(1,1,1) errors : -65.25379
## Regression with ARIMA(2,1,0) errors : -65.91221
## Regression with ARIMA(3,1,1) errors : -66.12329
## Regression with ARIMA(3,1,0) errors : -64.55397
## Regression with ARIMA(3,1,2) errors : Inf
##
## Best model: Regression with ARIMA(2,1,1) errors
##
## [1] 284.0297 284.0297 284.0297 284.0297

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##
## Regression with ARIMA(2,1,2) errors : -67.86908
## Regression with ARIMA(0,1,0) errors : -50.96092
## Regression with ARIMA(1,1,0) errors : -66.03379
## Regression with ARIMA(0,1,1) errors : -60.80987
## Regression with ARIMA(1,1,2) errors : -64.01905
## Regression with ARIMA(2,1,1) errors : Inf
## Regression with ARIMA(3,1,2) errors : Inf
## Regression with ARIMA(2,1,3) errors : Inf
## Regression with ARIMA(1,1,1) errors : -65.86513
## Regression with ARIMA(1,1,3) errors : -61.82533
## Regression with ARIMA(3,1,1) errors : -65.60776
## Regression with ARIMA(3,1,3) errors : -68.38919
## Regression with ARIMA(4,1,3) errors : -67.76667
## Regression with ARIMA(3,1,4) errors : -66.96137
## Regression with ARIMA(2,1,4) errors : -69.02915
## Regression with ARIMA(1,1,4) errors : -71.04404
## Regression with ARIMA(0,1,4) errors : -69.82134
## Regression with ARIMA(1,1,5) errors : -69.28166
## Regression with ARIMA(0,1,3) errors : -62.34064
## Regression with ARIMA(0,1,5) errors : -69.85306
## Regression with ARIMA(2,1,5) errors : Inf
##
## Best model: Regression with ARIMA(1,1,4) errors
##
## [1] 286.9463 286.9463 286.9463 286.9463
##
## Regression with ARIMA(2,1,2) errors : -67.75189
## Regression with ARIMA(0,1,0) errors : -50.90721
## Regression with ARIMA(1,1,0) errors : -66.07648
## Regression with ARIMA(0,1,1) errors : -60.78597
## Regression with ARIMA(1,1,2) errors : -64.67459
## Regression with ARIMA(2,1,1) errors : -70.73182
## Regression with ARIMA(1,1,1) errors : -66.423
## Regression with ARIMA(2,1,0) errors : -66.97506
## Regression with ARIMA(3,1,1) errors : Inf
## Regression with ARIMA(3,1,0) errors : -64.84882
## Regression with ARIMA(3,1,2) errors : Inf
##
## Best model: Regression with ARIMA(2,1,1) errors
##
## [1] 289.7722 289.7722 289.7722 289.7722
##
## Regression with ARIMA(2,1,2) errors : -67.75009
## Regression with ARIMA(0,1,0) errors : -52.09121
## Regression with ARIMA(1,1,0) errors : -65.89778
## Regression with ARIMA(0,1,1) errors : -60.83011
## Regression with ARIMA(1,1,2) errors : -64.7216
## Regression with ARIMA(2,1,1) errors : -70.75938
## Regression with ARIMA(1,1,1) errors : -66.40621
## Regression with ARIMA(2,1,0) errors : -66.96091
## Regression with ARIMA(3,1,1) errors : -68.57831
## Regression with ARIMA(3,1,0) errors : -64.78703
## Regression with ARIMA(3,1,2) errors : Inf

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```

##
## Best model: Regression with ARIMA(2,1,1) errors
##
## [1] 284.5878 284.5878 284.5878 284.5878
##
## Regression with ARIMA(2,1,2) errors : -73.57651
## Regression with ARIMA(0,1,0) errors : -64.22261
## Regression with ARIMA(1,1,0) errors : -72.34495
## Regression with ARIMA(0,1,1) errors : -69.80252
## Regression with ARIMA(1,1,2) errors : -70.10398
## Regression with ARIMA(2,1,1) errors : -75.67064
## Regression with ARIMA(1,1,1) errors : -71.93651
## Regression with ARIMA(2,1,0) errors : -72.20865
## Regression with ARIMA(3,1,1) errors : -73.47186
## Regression with ARIMA(3,1,0) errors : -70.00304
## Regression with ARIMA(3,1,2) errors : Inf
##
## Best model: Regression with ARIMA(2,1,1) errors
##
## [1] 287.8376 287.8376 287.8376 287.8376
##
## Regression with ARIMA(2,1,2) errors : -80.51304
## Regression with ARIMA(0,1,0) errors : -74.02985
## Regression with ARIMA(1,1,0) errors : -78.62627
## Regression with ARIMA(0,1,1) errors : -76.91491
## Regression with ARIMA(1,1,2) errors : -76.49828
## Regression with ARIMA(2,1,1) errors : -82.75948
## Regression with ARIMA(1,1,1) errors : -77.97158
## Regression with ARIMA(2,1,0) errors : -78.76688
## Regression with ARIMA(3,1,1) errors : -80.50644
## Regression with ARIMA(3,1,0) errors : -76.77977
## Regression with ARIMA(3,1,2) errors : -81.9982
##
## Best model: Regression with ARIMA(2,1,1) errors
##
## [1] 288.8006 288.8006 288.8006 288.8006
##
## Regression with ARIMA(2,1,2) errors : -84.7353
## Regression with ARIMA(0,1,0) errors : -78.99625
## Regression with ARIMA(1,1,0) errors : -82.77002
## Regression with ARIMA(0,1,1) errors : -81.54414
## Regression with ARIMA(1,1,2) errors : -79.7597
## Regression with ARIMA(2,1,1) errors : -86.72049
## Regression with ARIMA(1,1,1) errors : -81.58508
## Regression with ARIMA(2,1,0) errors : -82.02471
## ARIMA(3,1,1) : Inf
## Regression with ARIMA(3,1,0) errors : -79.98368
## Regression with ARIMA(3,1,2) errors : -85.93367
##
## Best model: Regression with ARIMA(2,1,1) errors
##
## [1] 289.904 289.904 289.904 289.904
##
## Regression with ARIMA(2,1,2) errors : Inf

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## Regression with ARIMA(0,1,0) errors : -79.4319
## Regression with ARIMA(1,1,0) errors : -82.84214
## Regression with ARIMA(0,1,1) errors : -81.67255
## Regression with ARIMA(2,1,0) errors : -82.08666
## Regression with ARIMA(1,1,1) errors : -81.64127
## Regression with ARIMA(2,1,1) errors : -86.59135
## Regression with ARIMA(3,1,1) errors : -84.36403
## Regression with ARIMA(1,1,2) errors : -79.81498
## Regression with ARIMA(3,1,0) errors : -80.06071
## Regression with ARIMA(3,1,2) errors : -85.62704
##
## Best model: Regression with ARIMA(2,1,1) errors
##
## [1] 289.3055 289.3055 289.3055 289.3055
##
## Regression with ARIMA(2,1,2) errors : -86.99643
## Regression with ARIMA(0,1,0) errors : -81.71728
## Regression with ARIMA(1,1,0) errors : -84.68878
## Regression with ARIMA(0,1,1) errors : -83.81598
## Regression with ARIMA(1,1,2) errors : -81.24736
## Regression with ARIMA(2,1,1) errors : -87.36914
## Regression with ARIMA(1,1,1) errors : -83.27376
## Regression with ARIMA(2,1,0) errors : -83.42074
## Regression with ARIMA(3,1,1) errors : -85.17542
## Regression with ARIMA(3,1,0) errors : -81.21036
## Regression with ARIMA(3,1,2) errors : -86.4291
##
## Best model: Regression with ARIMA(2,1,1) errors
##
## [1] 292.2152 292.2152 292.2152 292.2152
##
## Regression with ARIMA(2,1,2) errors : -86.99669
## Regression with ARIMA(0,1,0) errors : -81.6009
## Regression with ARIMA(1,1,0) errors : -84.67511
## Regression with ARIMA(0,1,1) errors : -83.7665
## Regression with ARIMA(1,1,2) errors : -81.27445
## Regression with ARIMA(2,1,1) errors : -87.4721
## Regression with ARIMA(1,1,1) errors : -83.26789
## Regression with ARIMA(2,1,0) errors : -83.46787
## Regression with ARIMA(3,1,1) errors : -85.26715
## Regression with ARIMA(3,1,0) errors : -81.26832
## Regression with ARIMA(3,1,2) errors : Inf
##
## Best model: Regression with ARIMA(2,1,1) errors
##
## [1] 291.4465 291.4465 291.4465 291.4465
##
## Regression with ARIMA(2,1,2) errors : -87.91152
## Regression with ARIMA(0,1,0) errors : -81.89635
## Regression with ARIMA(1,1,0) errors : -85.12736
## Regression with ARIMA(0,1,1) errors : -84.20895
## Regression with ARIMA(1,1,2) errors : -81.60802
## Regression with ARIMA(2,1,1) errors : -88.30343
## Regression with ARIMA(1,1,1) errors : -83.65013

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## Regression with ARIMA(2,1,0) errors : -83.81749
## Regression with ARIMA(3,1,1) errors : -86.11485
## Regression with ARIMA(3,1,0) errors : -81.62572
## Regression with ARIMA(3,1,2) errors : -87.00357
##
## Best model: Regression with ARIMA(2,1,1) errors
##
## [1] 293.5844 293.5844 293.5844 293.5844
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : -82.18475
## Regression with ARIMA(1,1,0) errors : -85.39464
## Regression with ARIMA(0,1,1) errors : -84.4099
## Regression with ARIMA(2,1,0) errors : -84.32189
## Regression with ARIMA(1,1,1) errors : -84.04733
## Regression with ARIMA(2,1,1) errors : Inf
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 295.538 295.538 295.538 295.538
##
## Regression with ARIMA(2,1,2) errors : -88.39582
## Regression with ARIMA(0,1,0) errors : -82.1726
## Regression with ARIMA(1,1,0) errors : -85.47004
## Regression with ARIMA(0,1,1) errors : -84.47172
## Regression with ARIMA(1,1,2) errors : -82.13934
## Regression with ARIMA(2,1,1) errors : Inf
## Regression with ARIMA(3,1,2) errors : -88.21492
## Regression with ARIMA(2,1,3) errors : -87.8909
## Regression with ARIMA(1,1,1) errors : -84.09428
## Regression with ARIMA(1,1,3) errors : -80.07639
## Regression with ARIMA(3,1,1) errors : -86.8111
## Regression with ARIMA(3,1,3) errors : Inf
##
## Best model: Regression with ARIMA(2,1,2) errors
##
## [1] 296.958 296.958 296.958 296.958
##
## Regression with ARIMA(2,1,2) errors : -89.74831
## Regression with ARIMA(0,1,0) errors : -83.01286
## Regression with ARIMA(1,1,0) errors : -86.55843
## Regression with ARIMA(0,1,1) errors : -85.54676
## Regression with ARIMA(1,1,2) errors : -83.20634
## Regression with ARIMA(2,1,1) errors : -89.63051
## Regression with ARIMA(3,1,2) errors : -88.37426
## Regression with ARIMA(2,1,3) errors : -88.52452
## Regression with ARIMA(1,1,1) errors : -85.22025
## Regression with ARIMA(1,1,3) errors : -81.20611
## Regression with ARIMA(3,1,1) errors : -85.36938
## Regression with ARIMA(3,1,3) errors : Inf
##
## Best model: Regression with ARIMA(2,1,2) errors
##
## [1] 298.7793 298.7793 298.7793 298.7793

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##
## Regression with ARIMA(2,1,2) errors : -89.65477
## Regression with ARIMA(0,1,0) errors : -83.15647
## Regression with ARIMA(1,1,0) errors : -86.62615
## Regression with ARIMA(0,1,1) errors : -85.64712
## Regression with ARIMA(1,1,2) errors : -83.23823
## Regression with ARIMA(2,1,1) errors : -83.20252
## Regression with ARIMA(3,1,2) errors : -88.47221
## Regression with ARIMA(2,1,3) errors : Inf
## Regression with ARIMA(1,1,1) errors : -85.25282
## Regression with ARIMA(1,1,3) errors : -81.23971
## Regression with ARIMA(3,1,1) errors : -85.5486
## ARIMA(3,1,3) : Inf
##
## Best model: Regression with ARIMA(2,1,2) errors
##
## [1] 295.5425 295.5425 295.5425 295.5425
##
## Regression with ARIMA(2,1,2) errors : -88.64279
## Regression with ARIMA(0,1,0) errors : -82.59258
## Regression with ARIMA(1,1,0) errors : -85.93481
## Regression with ARIMA(0,1,1) errors : -84.9257
## Regression with ARIMA(1,1,2) errors : -82.66819
## Regression with ARIMA(2,1,1) errors : -88.75978
## Regression with ARIMA(1,1,1) errors : -84.62467
## Regression with ARIMA(2,1,0) errors : -84.84865
## Regression with ARIMA(3,1,1) errors : -84.96193
## Regression with ARIMA(3,1,0) errors : -82.64502
## Regression with ARIMA(3,1,2) errors : Inf
##
## Best model: Regression with ARIMA(2,1,1) errors
##
## [1] 298.7668 298.7668 298.7668 298.7668
##
## Regression with ARIMA(2,1,2) errors : -87.20128
## Regression with ARIMA(0,1,0) errors : -83.22104
## Regression with ARIMA(1,1,0) errors : -86.24268
## Regression with ARIMA(0,1,1) errors : -85.31689
## Regression with ARIMA(1,1,2) errors : -82.84411
## Regression with ARIMA(2,1,1) errors : -89.03503
## Regression with ARIMA(1,1,1) errors : -84.81877
## Regression with ARIMA(2,1,0) errors : -85.07009
## Regression with ARIMA(3,1,1) errors : -86.91172
## Regression with ARIMA(3,1,0) errors : -82.92223
## Regression with ARIMA(3,1,2) errors : Inf
##
## Best model: Regression with ARIMA(2,1,1) errors
##
## [1] 299.3965 299.3965 299.3965 299.3965
##
## Regression with ARIMA(2,1,2) errors : -86.8281
## Regression with ARIMA(0,1,0) errors : -83.48356
## Regression with ARIMA(1,1,0) errors : -86.26113
## Regression with ARIMA(0,1,1) errors : -85.4506

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## Regression with ARIMA(1,1,2) errors : -82.68087
## Regression with ARIMA(2,1,1) errors : -88.85534
## Regression with ARIMA(1,1,1) errors : -84.73435
## Regression with ARIMA(2,1,0) errors : -84.89482
## Regression with ARIMA(3,1,1) errors : -85.0705
## Regression with ARIMA(3,1,0) errors : -82.70823
## Regression with ARIMA(3,1,2) errors : -84.54683
##
## Best model: Regression with ARIMA(2,1,1) errors
##
## [1] 301.8866 301.8866 301.8866 301.8866
##
## Regression with ARIMA(2,1,2) errors : -87.82708
## Regression with ARIMA(0,1,0) errors : -85.16696
## Regression with ARIMA(1,1,0) errors : -87.12189
## Regression with ARIMA(0,1,1) errors : -86.40757
## Regression with ARIMA(1,1,2) errors : -83.8109
## Regression with ARIMA(2,1,1) errors : -83.76315
## Regression with ARIMA(3,1,2) errors : -88.50007
## Regression with ARIMA(3,1,1) errors : -81.50685
## Regression with ARIMA(4,1,2) errors : -90.16237
## Regression with ARIMA(4,1,1) errors : -88.47113
## Regression with ARIMA(5,1,2) errors : -92.7963
## Regression with ARIMA(5,1,1) errors : -91.0329
## Regression with ARIMA(5,1,3) errors : -91.19777
## Regression with ARIMA(4,1,3) errors : -87.88907
##
## Best model: Regression with ARIMA(5,1,2) errors
##
## [1] 302.5672 302.5672 302.5672 302.5672
##
## Regression with ARIMA(2,1,2) errors : -92.9552
## Regression with ARIMA(0,1,0) errors : -88.7812
## Regression with ARIMA(1,1,0) errors : -91.37251
## Regression with ARIMA(0,1,1) errors : -90.35028
## Regression with ARIMA(1,1,2) errors : -89.09969
## Regression with ARIMA(2,1,1) errors : -88.98605
## Regression with ARIMA(3,1,2) errors : -94.06524
## Regression with ARIMA(3,1,1) errors : -92.88266
## Regression with ARIMA(4,1,2) errors : -95.77044
## Regression with ARIMA(4,1,1) errors : -93.99177
## Regression with ARIMA(5,1,2) errors : -98.30021
## Regression with ARIMA(5,1,1) errors : -96.03245
## Regression with ARIMA(5,1,3) errors : -96.47406
## Regression with ARIMA(4,1,3) errors : Inf
##
## Best model: Regression with ARIMA(5,1,2) errors
##
## [1] 299.3668 299.3668 299.3668 299.3668
##
## Regression with ARIMA(2,1,2) errors : -92.70162
## Regression with ARIMA(0,1,0) errors : -88.66646
## Regression with ARIMA(1,1,0) errors : -91.09996
## Regression with ARIMA(0,1,1) errors : -90.09259

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## Regression with ARIMA(1,1,2) errors : -88.86105
## Regression with ARIMA(2,1,1) errors : -94.88499
## Regression with ARIMA(1,1,1) errors : -90.43675
## Regression with ARIMA(2,1,0) errors : -90.9387
## Regression with ARIMA(3,1,1) errors : -86.48234
## Regression with ARIMA(3,1,0) errors : -88.72857
## Regression with ARIMA(3,1,2) errors : -93.81058
##
## Best model: Regression with ARIMA(2,1,1) errors
##
## [1] 301.1261 301.1261 301.1261 301.1261
##
## Regression with ARIMA(2,1,2) errors : -98.73019
## Regression with ARIMA(0,1,0) errors : -91.69728
## Regression with ARIMA(1,1,0) errors : -93.84654
## Regression with ARIMA(0,1,1) errors : -92.97184
## Regression with ARIMA(1,1,2) errors : -91.22133
## Regression with ARIMA(2,1,1) errors : -91.13744
## Regression with ARIMA(3,1,2) errors : -96.1086
## Regression with ARIMA(2,1,3) errors : Inf
## Regression with ARIMA(1,1,1) errors : -92.94498
## Regression with ARIMA(1,1,3) errors : -89.34535
## Regression with ARIMA(3,1,1) errors : -95.0446
## Regression with ARIMA(3,1,3) errors : -96.2002
##
## Best model: Regression with ARIMA(2,1,2) errors
##
## [1] 300.2812 300.2812 300.2812 300.2812
##
## Regression with ARIMA(2,1,2) errors : -98.62863
## Regression with ARIMA(0,1,0) errors : -91.61877
## Regression with ARIMA(1,1,0) errors : -93.57503
## Regression with ARIMA(0,1,1) errors : -92.76117
## Regression with ARIMA(1,1,2) errors : -90.79912
## Regression with ARIMA(2,1,1) errors : -96.95073
## Regression with ARIMA(3,1,2) errors : -95.71528
## Regression with ARIMA(2,1,3) errors : Inf
## Regression with ARIMA(1,1,1) errors : -92.57131
## Regression with ARIMA(1,1,3) errors : -88.88262
## Regression with ARIMA(3,1,1) errors : -94.71191
## Regression with ARIMA(3,1,3) errors : -95.80957
##
## Best model: Regression with ARIMA(2,1,2) errors
##
## [1] 300.6787 300.6787 300.6787 300.6787
##
## Regression with ARIMA(2,1,2) errors : -99.40819
## Regression with ARIMA(0,1,0) errors : -92.33694
## Regression with ARIMA(1,1,0) errors : -94.01423
## Regression with ARIMA(0,1,1) errors : -93.25583
## Regression with ARIMA(1,1,2) errors : -91.30282
## Regression with ARIMA(2,1,1) errors : -97.14563
## Regression with ARIMA(3,1,2) errors : -95.68679
## Regression with ARIMA(2,1,3) errors : Inf

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## Regression with ARIMA(1,1,1) errors : -93.04765
## Regression with ARIMA(1,1,3) errors : -89.41208
## Regression with ARIMA(3,1,1) errors : -94.90588
## Regression with ARIMA(3,1,3) errors : -95.83221
##
## Best model: Regression with ARIMA(2,1,2) errors
##
## [1] 300.5108 300.5108 300.5108 300.5108
##
## Regression with ARIMA(2,1,2) errors : -99.18289
## Regression with ARIMA(0,1,0) errors : -92.48116
## Regression with ARIMA(1,1,0) errors : -94.06254
## Regression with ARIMA(0,1,1) errors : -93.30725
## Regression with ARIMA(1,1,2) errors : -91.49657
## Regression with ARIMA(2,1,1) errors : -97.43033
## Regression with ARIMA(3,1,2) errors : -95.70651
## Regression with ARIMA(2,1,3) errors : Inf
## Regression with ARIMA(1,1,1) errors : -93.16347
## Regression with ARIMA(1,1,3) errors : -89.66424
## Regression with ARIMA(3,1,1) errors : -95.17473
## Regression with ARIMA(3,1,3) errors : Inf
##
## Best model: Regression with ARIMA(2,1,2) errors
##
## [1] 300.0814 300.0814 300.0814 300.0814
##
## Regression with ARIMA(2,1,2) errors : -99.31495
## Regression with ARIMA(0,1,0) errors : -92.48109
## Regression with ARIMA(1,1,0) errors : -94.02824
## Regression with ARIMA(0,1,1) errors : -93.27234
## Regression with ARIMA(1,1,2) errors : -91.51282
## Regression with ARIMA(2,1,1) errors : -97.38698
## Regression with ARIMA(3,1,2) errors : -95.70764
## Regression with ARIMA(2,1,3) errors : Inf
## Regression with ARIMA(1,1,1) errors : -93.151
## Regression with ARIMA(1,1,3) errors : -89.65274
## Regression with ARIMA(3,1,1) errors : -95.13096
## Regression with ARIMA(3,1,3) errors : Inf
##
## Best model: Regression with ARIMA(2,1,2) errors
##
## [1] 299.1716 299.1716 299.1716 299.1716
##
## Regression with ARIMA(2,1,2) errors : -97.10176
## Regression with ARIMA(0,1,0) errors : -90.47323
## Regression with ARIMA(1,1,0) errors : -92.05038
## Regression with ARIMA(0,1,1) errors : -91.31776
## Regression with ARIMA(1,1,2) errors : -89.33011
## Regression with ARIMA(2,1,1) errors : -95.2804
## Regression with ARIMA(3,1,2) errors : Inf
## Regression with ARIMA(2,1,3) errors : Inf
## Regression with ARIMA(1,1,1) errors : -91.06658
## Regression with ARIMA(1,1,3) errors : -87.49045
## ARIMA(3,1,1) : Inf

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## Regression with ARIMA(3,1,3) errors : -93.30433
##
## Best model: Regression with ARIMA(2,1,2) errors
##
## [1] 299.2736 299.2736 299.2736 299.2736
##
## Regression with ARIMA(2,1,2) errors : -94.01754
## Regression with ARIMA(0,1,0) errors : -87.88224
## Regression with ARIMA(1,1,0) errors : -90.33041
## Regression with ARIMA(0,1,1) errors : -89.4076
## Regression with ARIMA(1,1,2) errors : -87.46107
## Regression with ARIMA(2,1,1) errors : -94.69475
## Regression with ARIMA(1,1,1) errors : -89.27646
## Regression with ARIMA(2,1,0) errors : -89.63919
## Regression with ARIMA(3,1,1) errors : -92.45243
## Regression with ARIMA(3,1,0) errors : -87.44164
## Regression with ARIMA(3,1,2) errors : -93.11725
##
## Best model: Regression with ARIMA(2,1,1) errors
##
## [1] 298.1547 298.1547 298.1547 298.1547
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : -87.7582
## Regression with ARIMA(1,1,0) errors : -89.78524
## Regression with ARIMA(0,1,1) errors : -89.0096
## Regression with ARIMA(2,1,0) errors : -88.90471
## Regression with ARIMA(1,1,1) errors : -88.61169
## Regression with ARIMA(2,1,1) errors : Inf
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 299.938 299.938 299.938 299.938
##
## Regression with ARIMA(2,1,2) errors : -93.87881
## Regression with ARIMA(0,1,0) errors : -87.67332
## Regression with ARIMA(1,1,0) errors : -89.80737
## Regression with ARIMA(0,1,1) errors : -89.03093
## Regression with ARIMA(1,1,2) errors : -86.56516
## Regression with ARIMA(2,1,1) errors : -94.11949
## Regression with ARIMA(1,1,1) errors : -88.54293
## Regression with ARIMA(2,1,0) errors : -88.75311
## ARIMA(3,1,1) : Inf
## Regression with ARIMA(3,1,0) errors : -86.54769
## Regression with ARIMA(3,1,2) errors : -92.6627
##
## Best model: Regression with ARIMA(2,1,1) errors
##
## [1] 298.0413 298.0413 298.0413 298.0413
##
## ARIMA(2,1,2) : Inf
## Regression with ARIMA(0,1,0) errors : -87.80024
## Regression with ARIMA(1,1,0) errors : -89.9228
## Regression with ARIMA(0,1,1) errors : -89.13934

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## Regression with ARIMA(2,1,0) errors : -88.86953
## Regression with ARIMA(1,1,1) errors : -88.58926
## ARIMA(2,1,1) : Inf
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 297.3898 297.3898 297.3898 297.3898
##
## Regression with ARIMA(2,1,2) errors : -94.73215
## Regression with ARIMA(0,1,0) errors : -87.55553
## Regression with ARIMA(1,1,0) errors : -89.46022
## Regression with ARIMA(0,1,1) errors : -88.7269
## Regression with ARIMA(1,1,2) errors : -86.12048
## Regression with ARIMA(2,1,1) errors : Inf
## Regression with ARIMA(3,1,2) errors : -92.44291
## Regression with ARIMA(2,1,3) errors : -93.75939
## Regression with ARIMA(1,1,1) errors : -88.10622
## Regression with ARIMA(1,1,3) errors : -83.92277
## ARIMA(3,1,1) : Inf
## Regression with ARIMA(3,1,3) errors : -92.1468
##
## Best model: Regression with ARIMA(2,1,2) errors
##
## [1] 299.7779 299.7779 299.7779 299.7779
##
## Regression with ARIMA(2,1,2) errors : -93.99416
## Regression with ARIMA(0,1,0) errors : -87.0526
## Regression with ARIMA(1,1,0) errors : -89.0437
## Regression with ARIMA(0,1,1) errors : -88.33664
## Regression with ARIMA(1,1,2) errors : -85.56205
## ARIMA(2,1,1) : Inf
## Regression with ARIMA(3,1,2) errors : -91.78378
## Regression with ARIMA(2,1,3) errors : -92.81609
## Regression with ARIMA(1,1,1) errors : -87.60751
## Regression with ARIMA(1,1,3) errors : -83.35766
## Regression with ARIMA(3,1,1) errors : -91.26367
## Regression with ARIMA(3,1,3) errors : Inf
##
## Best model: Regression with ARIMA(2,1,2) errors
##
## [1] 293.5684 293.5684 293.5684 293.5684
##
## Regression with ARIMA(2,1,2) errors : -96.21824
## Regression with ARIMA(0,1,0) errors : -87.00141
## Regression with ARIMA(1,1,0) errors : -89.09611
## Regression with ARIMA(0,1,1) errors : -88.33556
## Regression with ARIMA(1,1,2) errors : -96.18364
## Regression with ARIMA(2,1,1) errors : -94.41307
## Regression with ARIMA(3,1,2) errors : -93.1126
## Regression with ARIMA(2,1,3) errors : -93.9671
## Regression with ARIMA(1,1,1) errors : -87.70022
## Regression with ARIMA(1,1,3) errors : -83.47769
## Regression with ARIMA(3,1,1) errors : -92.38964
## Regression with ARIMA(3,1,3) errors : Inf

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##
## Best model: Regression with ARIMA(2,1,2) errors
##
## [1] 293.765 293.765 293.765 293.765
##
## Regression with ARIMA(2,1,2) errors : -82.55773
## Regression with ARIMA(0,1,0) errors : -76.80674
## Regression with ARIMA(1,1,0) errors : -79.32068
## Regression with ARIMA(0,1,1) errors : -78.24755
## Regression with ARIMA(1,1,2) errors : -84.08826
## Regression with ARIMA(0,1,2) errors : -78.44177
## Regression with ARIMA(1,1,1) errors : -78.23097
## Regression with ARIMA(1,1,3) errors : -81.87774
## Regression with ARIMA(0,1,3) errors : -76.29033
## Regression with ARIMA(2,1,1) errors : -83.84444
## Regression with ARIMA(2,1,3) errors : -80.54648
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 293.8211 293.8211 293.8211 293.8211
##
## Regression with ARIMA(2,1,2) errors : -84.41428
## Regression with ARIMA(0,1,0) errors : -76.91175
## Regression with ARIMA(1,1,0) errors : -81.96116
## Regression with ARIMA(0,1,1) errors : -80.39793
## Regression with ARIMA(1,1,2) errors : -79.09445
## Regression with ARIMA(2,1,1) errors : -85.79071
## Regression with ARIMA(1,1,1) errors : -80.8679
## Regression with ARIMA(2,1,0) errors : -81.35637
## Regression with ARIMA(3,1,1) errors : -83.54852
## Regression with ARIMA(3,1,0) errors : -79.43716
## Regression with ARIMA(3,1,2) errors : -82.8934
##
## Best model: Regression with ARIMA(2,1,1) errors
##
## [1] 288.2134 288.2134 288.2134 288.2134
##
## Regression with ARIMA(2,1,2) errors : -70.35961
## Regression with ARIMA(0,1,0) errors : -60.75294
## Regression with ARIMA(1,1,0) errors : -67.7076
## Regression with ARIMA(0,1,1) errors : -64.60228
## Regression with ARIMA(1,1,2) errors : -68.09535
## Regression with ARIMA(2,1,1) errors : -72.30812
## Regression with ARIMA(1,1,1) errors : -68.61997
## Regression with ARIMA(2,1,0) errors : -70.4128
## Regression with ARIMA(3,1,1) errors : -70.25618
## Regression with ARIMA(3,1,0) errors : -68.62581
## Regression with ARIMA(3,1,2) errors : -68.0645
##
## Best model: Regression with ARIMA(2,1,1) errors
##
## [1] 291.0886 291.0886 291.0886 291.0886
##
## Regression with ARIMA(2,1,2) errors : -70.04881

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## Regression with ARIMA(0,1,0) errors : -60.20296
## Regression with ARIMA(1,1,0) errors : -67.70076
## Regression with ARIMA(0,1,1) errors : -64.79133
## Regression with ARIMA(1,1,2) errors : -67.85541
## Regression with ARIMA(2,1,1) errors : -72.09667
## Regression with ARIMA(1,1,1) errors : -68.33884
## Regression with ARIMA(2,1,0) errors : -70.20045
## Regression with ARIMA(3,1,1) errors : -69.97619
## Regression with ARIMA(3,1,0) errors : -68.5029
## Regression with ARIMA(3,1,2) errors : -67.93737
##
## Best model: Regression with ARIMA(2,1,1) errors
##
## [1] 292.9461 292.9461 292.9461 292.9461
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : -54.47803
## Regression with ARIMA(1,1,0) errors : -60.3777
## Regression with ARIMA(0,1,1) errors : -59.02079
## Regression with ARIMA(2,1,0) errors : -58.63668
## Regression with ARIMA(1,1,1) errors : -58.51444
## Regression with ARIMA(2,1,1) errors : -59.85616
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 290.9106 290.9106 290.9106 290.9106
##
## ARIMA(2,1,2) : Inf
## Regression with ARIMA(0,1,0) errors : -53.03715
## Regression with ARIMA(1,1,0) errors : -60.88466
## Regression with ARIMA(0,1,1) errors : -59.26236
## Regression with ARIMA(2,1,0) errors : -58.95653
## Regression with ARIMA(1,1,1) errors : -58.87397
## Regression with ARIMA(2,1,1) errors : -60.16242
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 279.8253 279.8253 279.8253 279.8253
##
## Regression with ARIMA(2,1,2) errors : Inf
## Regression with ARIMA(0,1,0) errors : -53.87976
## Regression with ARIMA(1,1,0) errors : -61.463
## Regression with ARIMA(0,1,1) errors : -60.11656
## Regression with ARIMA(2,1,0) errors : -59.42878
## Regression with ARIMA(1,1,1) errors : -59.39398
## Regression with ARIMA(2,1,1) errors : -60.27347
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 286.7879 286.7879 286.7879 286.7879
##
## Regression with ARIMA(2,1,2) errors : -59.22579
## Regression with ARIMA(0,1,0) errors : -53.9547
## Regression with ARIMA(1,1,0) errors : -61.61074

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## Regression with ARIMA(0,1,1) errors : -60.19456
## Regression with ARIMA(2,1,0) errors : -59.60697
## Regression with ARIMA(1,1,1) errors : -59.55992
## Regression with ARIMA(2,1,1) errors : -60.93919
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 286.8854 286.8854 286.8854 286.8854
##
## Regression with ARIMA(2,1,2) errors : -56.05671
## Regression with ARIMA(0,1,0) errors : -50.77469
## Regression with ARIMA(1,1,0) errors : -57.90082
## Regression with ARIMA(0,1,1) errors : -56.328
## Regression with ARIMA(2,1,0) errors : -56.11617
## Regression with ARIMA(1,1,1) errors : -55.99493
## Regression with ARIMA(2,1,1) errors : -57.96376
## Regression with ARIMA(3,1,1) errors : -55.90324
## Regression with ARIMA(1,1,2) errors : -58.16532
## Regression with ARIMA(0,1,2) errors : -56.29511
## Regression with ARIMA(1,1,3) errors : -55.97333
## Regression with ARIMA(0,1,3) errors : -54.15479
## Regression with ARIMA(2,1,3) errors : -53.9047
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 291.4042 291.4042 291.4042 291.4042
##
## Regression with ARIMA(2,1,2) errors : -56.0192
## Regression with ARIMA(0,1,0) errors : -49.86151
## Regression with ARIMA(1,1,0) errors : -58.6882
## Regression with ARIMA(0,1,1) errors : -57.00155
## Regression with ARIMA(2,1,0) errors : -56.68596
## Regression with ARIMA(1,1,1) errors : -56.63751
## Regression with ARIMA(2,1,1) errors : -56.87747
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 284.2334 284.2334 284.2334 284.2334
##
## Regression with ARIMA(2,1,2) errors : -58.41431
## Regression with ARIMA(0,1,0) errors : -50.97367
## Regression with ARIMA(1,1,0) errors : -60.79003
## Regression with ARIMA(0,1,1) errors : -58.67732
## Regression with ARIMA(2,1,0) errors : -58.93766
## Regression with ARIMA(1,1,1) errors : -58.85792
## Regression with ARIMA(2,1,1) errors : -59.33094
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 274.769 274.769 274.769 274.769
##
## Regression with ARIMA(2,1,2) errors : -56.92491
## Regression with ARIMA(0,1,0) errors : -50.59253
## Regression with ARIMA(1,1,0) errors : -59.61191

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## Regression with ARIMA(0,1,1) errors : -57.59674
## Regression with ARIMA(2,1,0) errors : -57.73911
## Regression with ARIMA(1,1,1) errors : -57.63699
## Regression with ARIMA(2,1,1) errors : -58.60924
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 284.0932 284.0932 284.0932 284.0932
##
## Regression with ARIMA(2,1,2) errors : -57.29121
## Regression with ARIMA(0,1,0) errors : -51.37272
## Regression with ARIMA(1,1,0) errors : -59.78825
## Regression with ARIMA(0,1,1) errors : -57.88683
## Regression with ARIMA(2,1,0) errors : -58.01895
## Regression with ARIMA(1,1,1) errors : -57.90459
## Regression with ARIMA(2,1,1) errors : -58.98527
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 288.6769 288.6769 288.6769 288.6769
##
## Regression with ARIMA(2,1,2) errors : -55.65221
## Regression with ARIMA(0,1,0) errors : -49.17527
## Regression with ARIMA(1,1,0) errors : -58.22022
## Regression with ARIMA(0,1,1) errors : -56.06376
## Regression with ARIMA(2,1,0) errors : -56.51756
## Regression with ARIMA(1,1,1) errors : -56.35516
## Regression with ARIMA(2,1,1) errors : -57.59253
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 283.1368 283.1368 283.1368 283.1368
##
## Regression with ARIMA(2,1,2) errors : -56.89482
## Regression with ARIMA(0,1,0) errors : -49.71868
## Regression with ARIMA(1,1,0) errors : -59.05506
## Regression with ARIMA(0,1,1) errors : -56.92908
## Regression with ARIMA(2,1,0) errors : -57.38453
## Regression with ARIMA(1,1,1) errors : -57.24334
## Regression with ARIMA(2,1,1) errors : -57.66102
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 286.5197 286.5197 286.5197 286.5197
##
## Regression with ARIMA(2,1,2) errors : -56.25622
## Regression with ARIMA(0,1,0) errors : -49.1042
## Regression with ARIMA(1,1,0) errors : -57.95777
## Regression with ARIMA(0,1,1) errors : -56.00653
## Regression with ARIMA(2,1,0) errors : -56.27943
## Regression with ARIMA(1,1,1) errors : -56.09596
## Regression with ARIMA(2,1,1) errors : -58.10094
## Regression with ARIMA(3,1,1) errors : -56.10114
## Regression with ARIMA(1,1,2) errors : -58.21834

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## Regression with ARIMA(0,1,2) errors : -56.63002
## Regression with ARIMA(1,1,3) errors : -54.69624
## Regression with ARIMA(0,1,3) errors : -54.44889
## Regression with ARIMA(2,1,3) errors : -54.18739
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 281.4997 281.4997 281.4997 281.4997
##
## Regression with ARIMA(2,1,2) errors : -56.34812
## Regression with ARIMA(0,1,0) errors : -49.27056
## Regression with ARIMA(1,1,0) errors : -57.95403
## Regression with ARIMA(0,1,1) errors : -55.97921
## Regression with ARIMA(2,1,0) errors : -56.26908
## Regression with ARIMA(1,1,1) errors : -56.09386
## Regression with ARIMA(2,1,1) errors : -58.22444
## Regression with ARIMA(3,1,1) errors : -56.20877
## Regression with ARIMA(1,1,2) errors : -58.27942
## Regression with ARIMA(0,1,2) errors : -56.56341
## Regression with ARIMA(1,1,3) errors : -56.12201
## Regression with ARIMA(0,1,3) errors : -54.37482
## Regression with ARIMA(2,1,3) errors : -54.2763
##
## Best model: Regression with ARIMA(1,1,2) errors
##
## [1] 282.8413 282.8413 282.8413 282.8413
##
## Regression with ARIMA(2,1,2) errors : -62.13559
## Regression with ARIMA(0,1,0) errors : -54.39207
## Regression with ARIMA(1,1,0) errors : -65.41151
## Regression with ARIMA(0,1,1) errors : -63.02261
## Regression with ARIMA(2,1,0) errors : -63.52458
## Regression with ARIMA(1,1,1) errors : -63.44053
## Regression with ARIMA(2,1,1) errors : -63.9997
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 286.6767 286.6767 286.6767 286.6767
##
## Regression with ARIMA(2,1,2) errors : -63.5338
## Regression with ARIMA(0,1,0) errors : -55.55735
## Regression with ARIMA(1,1,0) errors : -67.44098
## Regression with ARIMA(0,1,1) errors : -64.86016
## Regression with ARIMA(2,1,0) errors : -65.49677
## Regression with ARIMA(1,1,1) errors : -65.43198
## Regression with ARIMA(2,1,1) errors : -65.43936
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 285.9626 285.9626 285.9626 285.9626
##
## Regression with ARIMA(2,1,2) errors : -64.30303
## Regression with ARIMA(0,1,0) errors : -56.07921
## Regression with ARIMA(1,1,0) errors : -68.54525

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## Regression with ARIMA(0,1,1) errors : -65.72977
## Regression with ARIMA(2,1,0) errors : -66.66032
## Regression with ARIMA(1,1,1) errors : -66.57168
## Regression with ARIMA(2,1,1) errors : -66.35537
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 292.0904 292.0904 292.0904 292.0904
##
## Regression with ARIMA(2,1,2) errors : -62.57927
## Regression with ARIMA(0,1,0) errors : -54.08102
## Regression with ARIMA(1,1,0) errors : -66.9915
## Regression with ARIMA(0,1,1) errors : -63.91759
## Regression with ARIMA(2,1,0) errors : -65.1765
## Regression with ARIMA(1,1,1) errors : -65.06265
## Regression with ARIMA(2,1,1) errors : -64.7342
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 293.2171 293.2171 293.2171 293.2171
##
## Regression with ARIMA(2,1,2) errors : -61.45322
## Regression with ARIMA(0,1,0) errors : -54.03868
## Regression with ARIMA(1,1,0) errors : -66.19921
## Regression with ARIMA(0,1,1) errors : -63.60346
## Regression with ARIMA(2,1,0) errors : -64.28004
## Regression with ARIMA(1,1,1) errors : -64.20989
## Regression with ARIMA(2,1,1) errors : -63.61987
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 290.6388 290.6388 290.6388 290.6388
##
## Regression with ARIMA(2,1,2) errors : -62.14092
## Regression with ARIMA(0,1,0) errors : -54.37664
## Regression with ARIMA(1,1,0) errors : -66.98513
## Regression with ARIMA(0,1,1) errors : -64.43097
## Regression with ARIMA(2,1,0) errors : -64.96087
## Regression with ARIMA(1,1,1) errors : -64.92259
## Regression with ARIMA(2,1,1) errors : -64.25097
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 282.3019 282.3019 282.3019 282.3019
##
## Regression with ARIMA(2,1,2) errors : -64.96986
## Regression with ARIMA(0,1,0) errors : -55.2057
## Regression with ARIMA(1,1,0) errors : -69.74637
## Regression with ARIMA(0,1,1) errors : -66.67585
## Regression with ARIMA(2,1,0) errors : -67.68741
## Regression with ARIMA(1,1,1) errors : -67.66459
## Regression with ARIMA(2,1,1) errors : -67.01973
##
## Best model: Regression with ARIMA(1,1,0) errors

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##
## [1] 288.9731 288.9731 288.9731 288.9731
##
## Regression with ARIMA(2,1,2) errors : -69.0261
## Regression with ARIMA(0,1,0) errors : -57.29663
## Regression with ARIMA(1,1,0) errors : -71.90826
## Regression with ARIMA(0,1,1) errors : -68.97357
## Regression with ARIMA(2,1,0) errors : -69.77828
## Regression with ARIMA(1,1,1) errors : -69.7694
## Regression with ARIMA(2,1,1) errors : Inf
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 291.1816 291.1816 291.1816 291.1816
##
## Regression with ARIMA(2,1,2) errors : -67.94376
## Regression with ARIMA(0,1,0) errors : -57.16966
## Regression with ARIMA(1,1,0) errors : -71.94858
## Regression with ARIMA(0,1,1) errors : -68.94243
## Regression with ARIMA(2,1,0) errors : -69.82844
## Regression with ARIMA(1,1,1) errors : -69.81686
## Regression with ARIMA(2,1,1) errors : -69.62435
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 291.6462 291.6462 291.6462 291.6462
##
## Regression with ARIMA(2,1,2) errors : -68.02693
## Regression with ARIMA(0,1,0) errors : -57.98897
## Regression with ARIMA(1,1,0) errors : -72.11169
## Regression with ARIMA(0,1,1) errors : -69.28729
## Regression with ARIMA(2,1,0) errors : -69.98084
## Regression with ARIMA(1,1,1) errors : -69.97175
## Regression with ARIMA(2,1,1) errors : -69.66306
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 290.7926 290.7926 290.7926 290.7926
##
## Regression with ARIMA(2,1,2) errors : -68.27385
## Regression with ARIMA(0,1,0) errors : -58.48811
## Regression with ARIMA(1,1,0) errors : -72.47882
## Regression with ARIMA(0,1,1) errors : -69.73405
## Regression with ARIMA(2,1,0) errors : -70.34453
## Regression with ARIMA(1,1,1) errors : -70.33673
## Regression with ARIMA(2,1,1) errors : -69.95634
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 291.9215 291.9215 291.9215 291.9215
##
## Regression with ARIMA(2,1,2) errors : -68.32945
## Regression with ARIMA(0,1,0) errors : -58.65543
## Regression with ARIMA(1,1,0) errors : -72.60361

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## Regression with ARIMA(0,1,1) errors : -69.85245
## Regression with ARIMA(2,1,0) errors : -70.47496
## Regression with ARIMA(1,1,1) errors : -70.46598
## Regression with ARIMA(2,1,1) errors : -70.05365
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 290.7774 290.7774 290.7774 290.7774
##
## Regression with ARIMA(2,1,2) errors : -68.58856
## Regression with ARIMA(0,1,0) errors : -58.77704
## Regression with ARIMA(1,1,0) errors : -72.87449
## Regression with ARIMA(0,1,1) errors : -70.00482
## Regression with ARIMA(2,1,0) errors : -70.76519
## Regression with ARIMA(1,1,1) errors : -70.75107
## Regression with ARIMA(2,1,1) errors : -70.39214
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 292.1619 292.1619 292.1619 292.1619
##
## Regression with ARIMA(2,1,2) errors : -68.52458
## Regression with ARIMA(0,1,0) errors : -58.87001
## Regression with ARIMA(1,1,0) errors : -72.81437
## Regression with ARIMA(0,1,1) errors : -70.01033
## Regression with ARIMA(2,1,0) errors : -70.69825
## Regression with ARIMA(1,1,1) errors : -70.68561
## Regression with ARIMA(2,1,1) errors : -70.34574
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 296.9967 296.9967 296.9967 296.9967
##
## Regression with ARIMA(2,1,2) errors : -68.79045
## Regression with ARIMA(0,1,0) errors : -59.14348
## Regression with ARIMA(1,1,0) errors : -72.9672
## Regression with ARIMA(0,1,1) errors : -70.17764
## Regression with ARIMA(2,1,0) errors : -70.84908
## Regression with ARIMA(1,1,1) errors : -70.83628
## Regression with ARIMA(2,1,1) errors : Inf
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 296.3608 296.3608 296.3608 296.3608
##
## Regression with ARIMA(2,0,2) errors : -69.26297
## Regression with ARIMA(0,0,0) errors : 171.2597
## Regression with ARIMA(1,0,0) errors : -55.78967
## Regression with ARIMA(0,0,1) errors : 73.69747
## Regression with ARIMA(0,0,0) errors : 199.5031
## Regression with ARIMA(1,0,2) errors : -70.31033
## Regression with ARIMA(0,0,2) errors : 2.393783
## Regression with ARIMA(1,0,1) errors : -67.74172
## Regression with ARIMA(1,0,3) errors : -68.07513

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## Regression with ARIMA(0,0,3) errors : -21.53285
## Regression with ARIMA(2,0,1) errors : -71.5636
## Regression with ARIMA(2,0,0) errors : -72.7689
## Regression with ARIMA(3,0,0) errors : -71.57267
## Regression with ARIMA(3,0,1) errors : -71.11964
## Regression with ARIMA(2,0,0) errors : Inf
##
## Best model: Regression with ARIMA(2,0,0) errors
##
## [1] 294.8225 294.8225 294.8225 294.8225
##
## Regression with ARIMA(2,0,2) errors : -68.89878
## Regression with ARIMA(0,0,0) errors : 170.5524
## Regression with ARIMA(1,0,0) errors : -55.68553
## Regression with ARIMA(0,0,1) errors : 72.59901
## Regression with ARIMA(0,0,0) errors : 198.7671
## Regression with ARIMA(1,0,2) errors : -69.93364
## Regression with ARIMA(0,0,2) errors : 0.03936442
## Regression with ARIMA(1,0,1) errors : -67.24805
## Regression with ARIMA(1,0,3) errors : -67.68974
## Regression with ARIMA(0,0,3) errors : -22.76493
## Regression with ARIMA(2,0,1) errors : -71.19912
## Regression with ARIMA(2,0,0) errors : -72.31857
## Regression with ARIMA(3,0,0) errors : -71.21731
## Regression with ARIMA(3,0,1) errors : -70.86709
## ARIMA(2,0,0) with zero mean      : Inf
##
## Best model: Regression with ARIMA(2,0,0) errors
##
## [1] 297.8552 297.8552 297.8552 297.8552
##
## Regression with ARIMA(2,0,2) errors : -66.92594
## Regression with ARIMA(0,0,0) errors : 170.1995
## Regression with ARIMA(1,0,0) errors : -55.18042
## Regression with ARIMA(0,0,1) errors : 73.90684
## Regression with ARIMA(0,0,0) errors : 198.032
## Regression with ARIMA(1,0,2) errors : -68.93671
## Regression with ARIMA(0,0,2) errors : 2.175496
## Regression with ARIMA(1,0,1) errors : -65.9793
## Regression with ARIMA(1,0,3) errors : -66.65636
## Regression with ARIMA(0,0,3) errors : -20.04639
## Regression with ARIMA(2,0,1) errors : -69.89738
## Regression with ARIMA(2,0,0) errors : -70.89795
## Regression with ARIMA(3,0,0) errors : -69.98618
## Regression with ARIMA(3,0,1) errors : -69.95091
## Regression with ARIMA(2,0,0) errors : Inf
##
## Best model: Regression with ARIMA(2,0,0) errors
##
## [1] 299.0926 299.0926 299.0926 299.0926
##
## Regression with ARIMA(2,0,2) errors : -67.18498
## Regression with ARIMA(0,0,0) errors : 168.7762
## Regression with ARIMA(1,0,0) errors : -55.38312

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## Regression with ARIMA(0,0,1) errors : 72.2228
## Regression with ARIMA(0,0,0) errors : 196.7752
## Regression with ARIMA(1,0,2) errors : -69.3161
## Regression with ARIMA(0,0,2) errors : 1.198607
## Regression with ARIMA(1,0,1) errors : -66.16955
## Regression with ARIMA(1,0,3) errors : -67.03857
## Regression with ARIMA(0,0,3) errors : -21.72238
## Regression with ARIMA(2,0,1) errors : -70.22777
## Regression with ARIMA(2,0,0) errors : -71.17258
## Regression with ARIMA(3,0,0) errors : -70.36119
## Regression with ARIMA(3,0,1) errors : -70.38497
## Regression with ARIMA(2,0,0) errors : Inf
##
## Best model: Regression with ARIMA(2,0,0) errors
##
## [1] 297.7298 297.7298 297.7298 297.7298
##
## Regression with ARIMA(2,0,2) errors : -65.11178
## Regression with ARIMA(0,0,0) errors : 168.9363
## Regression with ARIMA(1,0,0) errors : -52.72691
## Regression with ARIMA(0,0,1) errors : 74.45306
## Regression with ARIMA(0,0,0) errors : 197.1327
## Regression with ARIMA(1,0,2) errors : -66.73015
## Regression with ARIMA(0,0,2) errors : 1.102906
## Regression with ARIMA(1,0,1) errors : -62.74413
## Regression with ARIMA(1,0,3) errors : -64.42958
## Regression with ARIMA(0,0,3) errors : -19.30962
## Regression with ARIMA(2,0,1) errors : -67.03242
## Regression with ARIMA(2,0,0) errors : -67.90703
## Regression with ARIMA(3,0,0) errors : -67.36328
## Regression with ARIMA(3,0,1) errors : -67.99537
## Regression with ARIMA(4,0,1) errors : -65.67599
## Regression with ARIMA(3,0,2) errors : -65.68859
## Regression with ARIMA(4,0,0) errors : -65.39433
## Regression with ARIMA(4,0,2) errors : Inf
## Regression with ARIMA(3,0,1) errors : Inf
##
## Best model: Regression with ARIMA(3,0,1) errors
##
## [1] 298.6668 298.6668 298.6668 298.6668
##
## Regression with ARIMA(2,0,2) errors : -64.89779
## Regression with ARIMA(0,0,0) errors : 169.6258
## Regression with ARIMA(1,0,0) errors : -52.70532
## Regression with ARIMA(0,0,1) errors : 73.94739
## Regression with ARIMA(0,0,0) errors : 197.4199
## Regression with ARIMA(1,0,2) errors : -66.74957
## Regression with ARIMA(0,0,2) errors : 1.983288
## Regression with ARIMA(1,0,1) errors : -62.69281
## Regression with ARIMA(1,0,3) errors : -64.44888
## Regression with ARIMA(0,0,3) errors : -19.2865
## Regression with ARIMA(2,0,1) errors : -67.02999
## Regression with ARIMA(2,0,0) errors : -67.82917
## Regression with ARIMA(3,0,0) errors : -67.39269

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## Regression with ARIMA(3,0,1) errors : -68.03306
## Regression with ARIMA(4,0,1) errors : -65.71225
## Regression with ARIMA(3,0,2) errors : -65.72452
## Regression with ARIMA(4,0,0) errors : -65.4469
## Regression with ARIMA(4,0,2) errors : Inf
## ARIMA(3,0,1) with zero mean      : Inf
##
## Best model: Regression with ARIMA(3,0,1) errors
##
## [1] 302.1071 302.1071 302.1071 302.1071
##
## Regression with ARIMA(2,0,2) errors : -66.24422
## Regression with ARIMA(0,0,0) errors : 169.9624
## Regression with ARIMA(1,0,0) errors : -54.09008
## Regression with ARIMA(0,0,1) errors : 75.06957
## Regression with ARIMA(0,0,0) errors : 197.912
## Regression with ARIMA(1,0,2) errors : -67.65075
## Regression with ARIMA(0,0,2) errors : 0.529243
## Regression with ARIMA(1,0,1) errors : -63.54103
## Regression with ARIMA(1,0,3) errors : -65.36015
## Regression with ARIMA(0,0,3) errors : -20.27197
## Regression with ARIMA(2,0,1) errors : -67.72508
## Regression with ARIMA(2,0,0) errors : -68.52467
## Regression with ARIMA(3,0,0) errors : -68.11596
## Regression with ARIMA(3,0,1) errors : -68.53424
## Regression with ARIMA(4,0,1) errors : -66.19966
## Regression with ARIMA(3,0,2) errors : -66.20627
## Regression with ARIMA(4,0,0) errors : -66.21575
## Regression with ARIMA(4,0,2) errors : Inf
## Regression with ARIMA(3,0,1) errors : Inf
##
## Best model: Regression with ARIMA(3,0,1) errors
##
## [1] 299.9976 299.9976 299.9976 299.9976
##
## Regression with ARIMA(2,0,2) errors : -67.69209
## Regression with ARIMA(0,0,0) errors : 170.1245
## Regression with ARIMA(1,0,0) errors : -55.24095
## Regression with ARIMA(0,0,1) errors : 74.24388
## Regression with ARIMA(0,0,0) errors : 198.8471
## Regression with ARIMA(1,0,2) errors : -68.64714
## Regression with ARIMA(0,0,2) errors : -0.4026291
## Regression with ARIMA(1,0,1) errors : -64.78701
## Regression with ARIMA(1,0,3) errors : -66.36102
## Regression with ARIMA(0,0,3) errors : -21.09995
## Regression with ARIMA(2,0,1) errors : -68.70064
## Regression with ARIMA(2,0,0) errors : -69.66623
## Regression with ARIMA(3,0,0) errors : -69.05368
## Regression with ARIMA(3,0,1) errors : -70.11756
## Regression with ARIMA(4,0,1) errors : -67.77346
## Regression with ARIMA(3,0,2) errors : -67.77596
## Regression with ARIMA(4,0,0) errors : -67.16687
## Regression with ARIMA(4,0,2) errors : -65.38155
## Regression with ARIMA(3,0,1) errors : Inf

```

```

##
## Best model: Regression with ARIMA(3,0,1) errors
##
## [1] 299.8922 299.8922 299.8922 299.8922
##
## Regression with ARIMA(2,0,2) errors : -67.10709
## Regression with ARIMA(0,0,0) errors : 171.2382
## Regression with ARIMA(1,0,0) errors : -55.34385
## Regression with ARIMA(0,0,1) errors : 76.69929
## Regression with ARIMA(0,0,0) errors : 200.6036
## Regression with ARIMA(1,0,2) errors : -67.63593
## Regression with ARIMA(0,0,2) errors : 1.434524
## Regression with ARIMA(1,0,1) errors : -64.19444
## Regression with ARIMA(1,0,3) errors : -65.37963
## Regression with ARIMA(0,0,3) errors : -18.57298
## Regression with ARIMA(2,0,1) errors : -67.50629
## Regression with ARIMA(2,0,3) errors : -65.89184
## Regression with ARIMA(1,0,2) errors : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 301.1794 301.1794 301.1794 301.1794
##
## Regression with ARIMA(2,0,2) errors : -69.01791
## Regression with ARIMA(0,0,0) errors : 172.0702
## Regression with ARIMA(1,0,0) errors : -56.10288
## Regression with ARIMA(0,0,1) errors : 76.8422
## Regression with ARIMA(0,0,0) errors : 202.0883
## Regression with ARIMA(1,0,2) errors : -68.63102
## Regression with ARIMA(2,0,1) errors : -68.21117
## Regression with ARIMA(3,0,2) errors : -68.6025
## Regression with ARIMA(2,0,3) errors : -67.84833
## Regression with ARIMA(1,0,1) errors : -64.85173
## Regression with ARIMA(1,0,3) errors : -66.44809
## Regression with ARIMA(3,0,1) errors : -70.9181
## Regression with ARIMA(3,0,0) errors : -68.55807
## Regression with ARIMA(4,0,1) errors : -68.59125
## Regression with ARIMA(2,0,0) errors : -69.30618
## Regression with ARIMA(4,0,0) errors : -66.8342
## Regression with ARIMA(4,0,2) errors : -66.26089
## Regression with ARIMA(3,0,1) errors : Inf
##
## Best model: Regression with ARIMA(3,0,1) errors
##
## [1] 302.3378 302.3378 302.3378 302.3378
##
## Regression with ARIMA(2,0,2) errors : -68.95642
## Regression with ARIMA(0,0,0) errors : 172.4802
## Regression with ARIMA(1,0,0) errors : -55.90041
## Regression with ARIMA(0,0,1) errors : 77.86476
## Regression with ARIMA(0,0,0) errors : 203.4638
## Regression with ARIMA(1,0,2) errors : -68.57037
## Regression with ARIMA(2,0,1) errors : -68.20407
## Regression with ARIMA(3,0,2) errors : -68.50762

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## Regression with ARIMA(2,0,3) errors : Inf
## Regression with ARIMA(1,0,1) errors : -64.80378
## Regression with ARIMA(1,0,3) errors : -66.38774
## Regression with ARIMA(3,0,1) errors : -70.84023
## Regression with ARIMA(3,0,0) errors : -68.55075
## Regression with ARIMA(4,0,1) errors : -68.50226
## Regression with ARIMA(2,0,0) errors : -69.28718
## Regression with ARIMA(4,0,0) errors : -66.8094
## Regression with ARIMA(4,0,2) errors : -66.14846
## ARIMA(3,0,1) with zero mean      : Inf
##
## Best model: Regression with ARIMA(3,0,1) errors
##
## [1] 301.9463 301.9463 301.9463 301.9463
##
## Regression with ARIMA(2,0,2) errors : -68.18527
## Regression with ARIMA(0,0,0) errors : 172.3914
## Regression with ARIMA(1,0,0) errors : -54.50808
## Regression with ARIMA(0,0,1) errors : 77.75345
## Regression with ARIMA(0,0,0) errors : 203.9912
## Regression with ARIMA(1,0,2) errors : -67.60936
## Regression with ARIMA(2,0,1) errors : -67.21551
## Regression with ARIMA(3,0,2) errors : -68.17163
## Regression with ARIMA(2,0,3) errors : -67.28579
## Regression with ARIMA(1,0,1) errors : -63.31703
## Regression with ARIMA(1,0,3) errors : -65.46218
## Regression with ARIMA(3,0,1) errors : -70.51614
## Regression with ARIMA(3,0,0) errors : -67.58934
## Regression with ARIMA(4,0,1) errors : -68.16996
## Regression with ARIMA(2,0,0) errors : -68.10789
## Regression with ARIMA(4,0,0) errors : -65.87392
## Regression with ARIMA(4,0,2) errors : Inf
## Regression with ARIMA(3,0,1) errors : Inf
##
## Best model: Regression with ARIMA(3,0,1) errors
##
## [1] 301.4843 301.4843 301.4843 301.4843
##
## Regression with ARIMA(2,0,2) errors : -66.92125
## Regression with ARIMA(0,0,0) errors : 172.5132
## Regression with ARIMA(1,0,0) errors : -51.99636
## Regression with ARIMA(0,0,1) errors : 77.66892
## Regression with ARIMA(0,0,0) errors : 204.031
## Regression with ARIMA(1,0,2) errors : -67.38671
## Regression with ARIMA(0,0,2) errors : 0.8658081
## Regression with ARIMA(1,0,1) errors : -62.75536
## Regression with ARIMA(1,0,3) errors : -65.08983
## Regression with ARIMA(0,0,3) errors : -19.55568
## Regression with ARIMA(2,0,1) errors : -68.41088
## Regression with ARIMA(2,0,0) errors : -68.75688
## Regression with ARIMA(3,0,0) errors : -68.57166
## Regression with ARIMA(3,0,1) errors : -69.7242
## Regression with ARIMA(4,0,1) errors : -67.38925
## Regression with ARIMA(3,0,2) errors : -67.40355

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## Regression with ARIMA(4,0,0) errors : -66.42966
## Regression with ARIMA(4,0,2) errors : Inf
## ARIMA(3,0,1) with zero mean      : Inf
##
## Best model: Regression with ARIMA(3,0,1) errors
##
## [1] 301.4426 301.4426 301.4426 301.4426
##
## Regression with ARIMA(2,0,2) errors : -65.38057
## Regression with ARIMA(0,0,0) errors : 173.3499
## Regression with ARIMA(1,0,0) errors : -48.02675
## Regression with ARIMA(0,0,1) errors : 78.63894
## Regression with ARIMA(0,0,0) errors : 204.1641
## Regression with ARIMA(1,0,2) errors : -65.46648
## Regression with ARIMA(0,0,2) errors : 0.9430918
## Regression with ARIMA(1,0,1) errors : -60.2461
## Regression with ARIMA(1,0,3) errors : -63.17992
## Regression with ARIMA(0,0,3) errors : -19.61292
## Regression with ARIMA(2,0,1) errors : -66.76951
## Regression with ARIMA(2,0,0) errors : -67.06753
## Regression with ARIMA(3,0,0) errors : -66.87458
## Regression with ARIMA(3,0,1) errors : -68.56384
## Regression with ARIMA(4,0,1) errors : -66.22327
## Regression with ARIMA(3,0,2) errors : -66.23274
## Regression with ARIMA(4,0,0) errors : -64.70552
## Regression with ARIMA(4,0,2) errors : Inf
## ARIMA(3,0,1) with zero mean      : Inf
##
## Best model: Regression with ARIMA(3,0,1) errors
##
## [1] 304.2828 304.2828 304.2828 304.2828
##
## Regression with ARIMA(2,0,2) errors : -62.94039
## Regression with ARIMA(0,0,0) errors : 174.4961
## Regression with ARIMA(1,0,0) errors : -48.52212
## Regression with ARIMA(0,0,1) errors : 78.7894
## Regression with ARIMA(0,0,0) errors : 204.2623
## Regression with ARIMA(1,0,2) errors : -64.54824
## Regression with ARIMA(0,0,2) errors : 0.917841
## Regression with ARIMA(1,0,1) errors : -59.9496
## Regression with ARIMA(1,0,3) errors : -62.28977
## Regression with ARIMA(0,0,3) errors : -19.4998
## Regression with ARIMA(2,0,1) errors : -65.23982
## Regression with ARIMA(2,0,0) errors : -65.97169
## Regression with ARIMA(3,0,0) errors : -65.38401
## Regression with ARIMA(3,0,1) errors : -67.60236
## Regression with ARIMA(4,0,1) errors : -65.25317
## Regression with ARIMA(3,0,2) errors : -65.25326
## Regression with ARIMA(4,0,0) errors : -63.28122
## Regression with ARIMA(4,0,2) errors : -59.03415
## ARIMA(3,0,1) with zero mean      : Inf
##
## Best model: Regression with ARIMA(3,0,1) errors
##

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## [1] 299.5607 299.5607 299.5607 299.5607
##
## Regression with ARIMA(2,0,2) errors : -67.45366
## Regression with ARIMA(0,0,0) errors : 175.5004
## Regression with ARIMA(1,0,0) errors : -51.2429
## Regression with ARIMA(0,0,1) errors : 79.23768
## Regression with ARIMA(0,0,0) errors : 204.121
## Regression with ARIMA(1,0,2) errors : -67.25867
## Regression with ARIMA(2,0,1) errors : -67.72366
## Regression with ARIMA(1,0,1) errors : -62.59229
## Regression with ARIMA(2,0,0) errors : -68.55567
## Regression with ARIMA(3,0,0) errors : -67.94748
## Regression with ARIMA(3,0,1) errors : -69.61714
## Regression with ARIMA(4,0,1) errors : -67.29494
## Regression with ARIMA(3,0,2) errors : -67.32437
## Regression with ARIMA(4,0,0) errors : -65.94729
## Regression with ARIMA(4,0,2) errors : Inf
## Regression with ARIMA(3,0,1) errors : Inf
##
## Best model: Regression with ARIMA(3,0,1) errors
##
## [1] 300.3506 300.3506 300.3506 300.3506
##
## Regression with ARIMA(2,0,2) errors : -66.84433
## Regression with ARIMA(0,0,0) errors : 175.5346
## Regression with ARIMA(1,0,0) errors : -49.93779
## Regression with ARIMA(0,0,1) errors : 78.98709
## Regression with ARIMA(0,0,0) errors : 203.4947
## Regression with ARIMA(1,0,2) errors : -66.82207
## Regression with ARIMA(2,0,1) errors : -66.84099
## Regression with ARIMA(3,0,2) errors : -67.1834
## Regression with ARIMA(3,0,1) errors : -69.47627
## Regression with ARIMA(3,0,0) errors : -67.18727
## Regression with ARIMA(4,0,1) errors : -67.16027
## Regression with ARIMA(2,0,0) errors : -67.85191
## Regression with ARIMA(4,0,0) errors : -65.45011
## Regression with ARIMA(4,0,2) errors : Inf
## Regression with ARIMA(3,0,1) errors : Inf
##
## Best model: Regression with ARIMA(3,0,1) errors
##
## [1] 298.7584 298.7584 298.7584 298.7584
##
## Regression with ARIMA(2,0,2) errors : -66.94185
## Regression with ARIMA(0,0,0) errors : 175.3291
## Regression with ARIMA(1,0,0) errors : -49.99845
## Regression with ARIMA(0,0,1) errors : 78.93912
## Regression with ARIMA(0,0,0) errors : 202.769
## Regression with ARIMA(1,0,2) errors : -66.90905
## Regression with ARIMA(2,0,1) errors : -66.87136
## Regression with ARIMA(3,0,2) errors : -67.45575
## Regression with ARIMA(3,0,1) errors : -69.76759
## Regression with ARIMA(3,0,0) errors : -67.20526
## Regression with ARIMA(4,0,1) errors : -67.44118

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## Regression with ARIMA(2,0,0) errors : -67.87628
## Regression with ARIMA(4,0,0) errors : -65.45779
## Regression with ARIMA(4,0,2) errors : Inf
## Regression with ARIMA(3,0,1) errors : Inf
##
## Best model: Regression with ARIMA(3,0,1) errors
##
## [1] 297.9346 297.9346 297.9346 297.9346
##
## Regression with ARIMA(2,0,2) errors : -67.22056
## Regression with ARIMA(0,0,0) errors : 175.1189
## Regression with ARIMA(1,0,0) errors : -50.23292
## Regression with ARIMA(0,0,1) errors : 78.21222
## Regression with ARIMA(0,0,0) errors : 202.2357
## Regression with ARIMA(1,0,2) errors : -67.22254
## Regression with ARIMA(0,0,2) errors : 0.05306567
## Regression with ARIMA(1,0,1) errors : -62.07757
## Regression with ARIMA(1,0,3) errors : -64.96141
## Regression with ARIMA(0,0,3) errors : -20.40397
## Regression with ARIMA(2,0,1) errors : -67.23137
## Regression with ARIMA(2,0,0) errors : -68.29368
## Regression with ARIMA(3,0,0) errors : -67.53103
## Regression with ARIMA(3,0,1) errors : -69.72402
## Regression with ARIMA(4,0,1) errors : -67.41561
## Regression with ARIMA(3,0,2) errors : -67.44334
## Regression with ARIMA(4,0,0) errors : -65.7441
## Regression with ARIMA(4,0,2) errors : Inf
## Regression with ARIMA(3,0,1) errors : Inf
##
## Best model: Regression with ARIMA(3,0,1) errors
##
## [1] 298.3025 298.3025 298.3025 298.3025
##
## Regression with ARIMA(2,0,2) errors : -67.21752
## Regression with ARIMA(0,0,0) errors : 174.9642
## Regression with ARIMA(1,0,0) errors : -50.22591
## Regression with ARIMA(0,0,1) errors : 78.26571
## Regression with ARIMA(0,0,0) errors : 201.976
## Regression with ARIMA(1,0,2) errors : -67.21876
## Regression with ARIMA(0,0,2) errors : -0.3599885
## Regression with ARIMA(1,0,1) errors : -62.06632
## Regression with ARIMA(1,0,3) errors : -64.95887
## Regression with ARIMA(0,0,3) errors : -20.40663
## Regression with ARIMA(2,0,1) errors : -67.18038
## Regression with ARIMA(2,0,3) errors : -66.16236
## Regression with ARIMA(1,0,2) errors : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 295.6165 295.6165 295.6165 295.6165
##
## Regression with ARIMA(2,0,2) errors : -67.14529
## Regression with ARIMA(0,0,0) errors : 174.8654
## Regression with ARIMA(1,0,0) errors : -50.26502

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## Regression with ARIMA(0,0,1) errors : 77.59115
## Regression with ARIMA(0,0,0) errors : 201.521
## Regression with ARIMA(1,0,2) errors : -67.35179
## Regression with ARIMA(0,0,2) errors : -0.2648985
## Regression with ARIMA(1,0,1) errors : -62.18206
## Regression with ARIMA(1,0,3) errors : -65.08835
## Regression with ARIMA(0,0,3) errors : -20.64666
## Regression with ARIMA(2,0,1) errors : -67.23449
## Regression with ARIMA(2,0,3) errors : -66.03797
## Regression with ARIMA(1,0,2) errors : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 292.4629 292.4629 292.4629 292.4629
##
## Regression with ARIMA(2,0,2) errors : -67.16505
## Regression with ARIMA(0,0,0) errors : 174.78
## Regression with ARIMA(1,0,0) errors : -50.16419
## Regression with ARIMA(0,0,1) errors : 77.71997
## Regression with ARIMA(0,0,0) errors : 201.1706
## Regression with ARIMA(1,0,2) errors : -67.27238
## Regression with ARIMA(0,0,2) errors : -0.595735
## Regression with ARIMA(1,0,1) errors : -62.06452
## Regression with ARIMA(1,0,3) errors : -65.00497
## Regression with ARIMA(0,0,3) errors : -21.0386
## Regression with ARIMA(2,0,1) errors : -67.18618
## Regression with ARIMA(2,0,3) errors : -66.15527
## ARIMA(1,0,2) with zero mean : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 291.0529 291.0529 291.0529 291.0529
##
## Regression with ARIMA(2,0,2) errors : -64.15052
## Regression with ARIMA(0,0,0) errors : 174.8392
## Regression with ARIMA(1,0,0) errors : -49.44027
## Regression with ARIMA(0,0,1) errors : 77.09925
## Regression with ARIMA(0,0,0) errors : 201.0309
## Regression with ARIMA(1,0,2) errors : -66.26468
## Regression with ARIMA(0,0,2) errors : -0.380969
## Regression with ARIMA(1,0,1) errors : -61.25866
## Regression with ARIMA(1,0,3) errors : -63.99489
## Regression with ARIMA(0,0,3) errors : -20.40805
## Regression with ARIMA(2,0,1) errors : -66.22618
## Regression with ARIMA(2,0,3) errors : -64.90693
## ARIMA(1,0,2) with zero mean : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 294.8302 294.8302 294.8302 294.8302
##
## Regression with ARIMA(2,0,2) errors : -66.37499
## Regression with ARIMA(0,0,0) errors : 175.1076
## Regression with ARIMA(1,0,0) errors : -49.66494

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## Regression with ARIMA(0,0,1) errors : 77.52884
## Regression with ARIMA(0,0,0) errors : 201.3729
## Regression with ARIMA(1,0,2) errors : -66.76095
## Regression with ARIMA(0,0,2) errors : -0.1688811
## Regression with ARIMA(1,0,1) errors : -61.32916
## Regression with ARIMA(1,0,3) errors : -64.47838
## Regression with ARIMA(0,0,3) errors : -20.33027
## Regression with ARIMA(2,0,1) errors : -66.46808
## Regression with ARIMA(2,0,3) errors : -65.85901
## ARIMA(1,0,2) with zero mean      : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 286.7358 286.7358 286.7358 286.7358
##
## Regression with ARIMA(2,0,2) errors : -62.15453
## Regression with ARIMA(0,0,0) errors : 177.2041
## Regression with ARIMA(1,0,0) errors : -44.97024
## Regression with ARIMA(0,0,1) errors : 79.64314
## Regression with ARIMA(0,0,0) errors : 202.63
## Regression with ARIMA(1,0,2) errors : -62.67863
## Regression with ARIMA(0,0,2) errors : 2.42161
## Regression with ARIMA(1,0,1) errors : -57.5439
## Regression with ARIMA(1,0,3) errors : -60.45993
## Regression with ARIMA(0,0,3) errors : -17.88879
## Regression with ARIMA(2,0,1) errors : -62.33872
## Regression with ARIMA(2,0,3) errors : -60.53567
## ARIMA(1,0,2) with zero mean      : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 291.6379 291.6379 291.6379 291.6379
##
## Regression with ARIMA(2,0,2) errors : -63.66702
## Regression with ARIMA(0,0,0) errors : 178.9436
## Regression with ARIMA(1,0,0) errors : -45.1908
## Regression with ARIMA(0,0,1) errors : 79.89337
## Regression with ARIMA(0,0,0) errors : 204.9057
## Regression with ARIMA(1,0,2) errors : -65.07064
## Regression with ARIMA(0,0,2) errors : 2.275118
## Regression with ARIMA(1,0,1) errors : -59.18193
## Regression with ARIMA(1,0,3) errors : -62.83593
## Regression with ARIMA(0,0,3) errors : -20.14829
## Regression with ARIMA(2,0,1) errors : -64.70725
## Regression with ARIMA(2,0,3) errors : -61.86592
## ARIMA(1,0,2) with zero mean      : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 288.846 288.846 288.846 288.846
##
## Regression with ARIMA(2,0,2) errors : -63.35933
## Regression with ARIMA(0,0,0) errors : 180.1588
## Regression with ARIMA(1,0,0) errors : -46.62693

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## Regression with ARIMA(0,0,1) errors : 80.27129
## Regression with ARIMA(0,0,0) errors : 206.0299
## Regression with ARIMA(1,0,2) errors : -65.51941
## Regression with ARIMA(0,0,2) errors : 2.413501
## Regression with ARIMA(1,0,1) errors : -60.40083
## Regression with ARIMA(1,0,3) errors : -63.22121
## Regression with ARIMA(0,0,3) errors : -20.77582
## Regression with ARIMA(2,0,1) errors : -64.92137
## Regression with ARIMA(2,0,3) errors : -61.59829
## Regression with ARIMA(1,0,2) errors : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 286.299 286.299 286.299 286.299
##
## Regression with ARIMA(2,0,2) errors : -61.61317
## Regression with ARIMA(0,0,0) errors : 181.6325
## Regression with ARIMA(1,0,0) errors : -46.43192
## Regression with ARIMA(0,0,1) errors : 81.36397
## Regression with ARIMA(0,0,0) errors : 207.5467
## Regression with ARIMA(1,0,2) errors : -63.50413
## Regression with ARIMA(0,0,2) errors : 6.55448
## Regression with ARIMA(1,0,1) errors : -59.17491
## Regression with ARIMA(1,0,3) errors : -61.22174
## Regression with ARIMA(0,0,3) errors : -17.01749
## Regression with ARIMA(2,0,1) errors : -63.14234
## Regression with ARIMA(2,0,3) errors : -59.83399
## ARIMA(1,0,2) with zero mean      : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 284.938 284.938 284.938 284.938
##
## Regression with ARIMA(2,0,2) errors : -60.74428
## Regression with ARIMA(0,0,0) errors : 183.8404
## Regression with ARIMA(1,0,0) errors : -44.99919
## Regression with ARIMA(0,0,1) errors : 84.10594
## Regression with ARIMA(0,0,0) errors : 209.9417
## Regression with ARIMA(1,0,2) errors : -61.85081
## Regression with ARIMA(0,0,2) errors : 7.119662
## Regression with ARIMA(1,0,1) errors : -58.08081
## Regression with ARIMA(1,0,3) errors : -59.7178
## Regression with ARIMA(0,0,3) errors : -14.6386
## Regression with ARIMA(2,0,1) errors : -61.08951
## Regression with ARIMA(2,0,3) errors : Inf
## ARIMA(1,0,2) with zero mean      : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 285.5386 285.5386 285.5386 285.5386
##
## Regression with ARIMA(2,0,2) errors : -58.7588
## Regression with ARIMA(0,0,0) errors : 187.2614
## Regression with ARIMA(1,0,0) errors : -42.74347

```

```

## Regression with ARIMA(0,0,1) errors : 86.54463
## Regression with ARIMA(0,0,0) errors : 214.3242
## Regression with ARIMA(1,0,2) errors : -60.2892
## Regression with ARIMA(0,0,2) errors : 11.58985
## Regression with ARIMA(1,0,1) errors : -55.36402
## Regression with ARIMA(1,0,3) errors : -58.17917
## Regression with ARIMA(0,0,3) errors : -15.32326
## Regression with ARIMA(2,0,1) errors : -58.72883
## Regression with ARIMA(2,0,3) errors : -56.75057
## ARIMA(1,0,2) with zero mean      : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 282.9681 282.9681 282.9681 282.9681
##
## Regression with ARIMA(2,0,2) errors : -70.2579
## Regression with ARIMA(0,0,0) errors : 191.3603
## Regression with ARIMA(1,0,0) errors : -49.31512
## Regression with ARIMA(0,0,1) errors : 91.07418
## Regression with ARIMA(0,0,0) errors : 218.8774
## Regression with ARIMA(1,0,2) errors : -72.50712
## Regression with ARIMA(0,0,2) errors : 14.8379
## Regression with ARIMA(1,0,1) errors : -66.95833
## Regression with ARIMA(1,0,3) errors : -70.23236
## Regression with ARIMA(0,0,3) errors : -16.1367
## Regression with ARIMA(2,0,1) errors : -71.58529
## Regression with ARIMA(2,0,3) errors : -68.42391
## Regression with ARIMA(1,0,2) errors : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 282.7185 282.7185 282.7185 282.7185
##
## Regression with ARIMA(2,0,2) errors : -73.0097
## Regression with ARIMA(0,0,0) errors : 192.2711
## Regression with ARIMA(1,0,0) errors : -51.63318
## Regression with ARIMA(0,0,1) errors : 88.57089
## Regression with ARIMA(0,0,0) errors : 221.4082
## Regression with ARIMA(1,0,2) errors : -75.31033
## Regression with ARIMA(0,0,2) errors : 10.05626
## Regression with ARIMA(1,0,1) errors : -69.96053
## Regression with ARIMA(1,0,3) errors : -73.00968
## Regression with ARIMA(0,0,3) errors : -19.90544
## Regression with ARIMA(2,0,1) errors : -74.05556
## Regression with ARIMA(2,0,3) errors : -71.08713
## ARIMA(1,0,2) with zero mean      : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] 282.6235 282.6235 282.6235 282.6235
##
## Regression with ARIMA(2,1,2) errors : -72.25907
## Regression with ARIMA(0,1,0) errors : -54.73835
## Regression with ARIMA(1,1,0) errors : -76.26899

```

```

## Regression with ARIMA(0,1,1) errors : -72.16809
## Regression with ARIMA(2,1,0) errors : -74.36873
## Regression with ARIMA(1,1,1) errors : -74.28149
## Regression with ARIMA(2,1,1) errors : -72.4966
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 279.8593 279.8593 279.8593 279.8593
##
## Regression with ARIMA(2,1,2) errors : -72.60147
## Regression with ARIMA(0,1,0) errors : -56.37586
## Regression with ARIMA(1,1,0) errors : -76.12734
## Regression with ARIMA(0,1,1) errors : -73.14518
## Regression with ARIMA(2,1,0) errors : -74.60801
## Regression with ARIMA(1,1,1) errors : -74.36842
## Regression with ARIMA(2,1,1) errors : Inf
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 281.9984 281.9984 281.9984 281.9984
##
## Regression with ARIMA(2,1,2) errors : -72.295
## Regression with ARIMA(0,1,0) errors : -57.83271
## Regression with ARIMA(1,1,0) errors : -76.2105
## Regression with ARIMA(0,1,1) errors : -73.20973
## Regression with ARIMA(2,1,0) errors : -74.50895
## Regression with ARIMA(1,1,1) errors : -74.34038
## Regression with ARIMA(2,1,1) errors : Inf
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 273.0375 273.0375 273.0375 273.0375
##
## Regression with ARIMA(2,1,2) errors : -79.54676
## Regression with ARIMA(0,1,0) errors : -66.09933
## Regression with ARIMA(1,1,0) errors : -83.26577
## Regression with ARIMA(0,1,1) errors : -80.55496
## Regression with ARIMA(2,1,0) errors : -81.53748
## Regression with ARIMA(1,1,1) errors : -81.34915
## Regression with ARIMA(2,1,1) errors : -80.49178
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 286.2673 286.2673 286.2673 286.2673
##
## Regression with ARIMA(2,1,2) errors : -78.96772
## Regression with ARIMA(0,1,0) errors : -65.57671
## Regression with ARIMA(1,1,0) errors : -82.82626
## Regression with ARIMA(0,1,1) errors : -79.91777
## Regression with ARIMA(2,1,0) errors : -80.95197
## Regression with ARIMA(1,1,1) errors : -80.83566
## Regression with ARIMA(2,1,1) errors : Inf
##
## Best model: Regression with ARIMA(1,1,0) errors

```

```

##
## [1] 283.8294 283.8294 283.8294 283.8294
##
## Regression with ARIMA(2,1,2) errors : -77.7995
## Regression with ARIMA(0,1,0) errors : -64.31966
## Regression with ARIMA(1,1,0) errors : -81.19442
## Regression with ARIMA(0,1,1) errors : -78.24029
## Regression with ARIMA(2,1,0) errors : -79.32509
## Regression with ARIMA(1,1,1) errors : -79.19414
## Regression with ARIMA(2,1,1) errors : -78.37889
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 286.6074 286.6074 286.6074 286.6074
##
## Regression with ARIMA(2,1,2) errors : -76.44446
## Regression with ARIMA(0,1,0) errors : -63.51734
## Regression with ARIMA(1,1,0) errors : -79.21417
## Regression with ARIMA(0,1,1) errors : -76.23492
## Regression with ARIMA(2,1,0) errors : -77.22471
## Regression with ARIMA(1,1,1) errors : -77.14281
## Regression with ARIMA(2,1,1) errors : -76.24997
##
## Best model: Regression with ARIMA(1,1,0) errors
##
## [1] 284.3109 284.3109 284.3109 284.3109
##
## Regression with ARIMA(2,0,2) errors : -77.03721
## Regression with ARIMA(0,0,0) errors : 183.309
## Regression with ARIMA(1,0,0) errors : -59.80714
## Regression with ARIMA(0,0,1) errors : 87.39719
## Regression with ARIMA(0,0,0) errors : 229.6496
## Regression with ARIMA(1,0,2) errors : -79.03807
## Regression with ARIMA(0,0,2) errors : 11.71832
## Regression with ARIMA(1,0,1) errors : -73.6804
## Regression with ARIMA(1,0,3) errors : -76.95002
## Regression with ARIMA(0,0,3) errors : -21.14292
## Regression with ARIMA(2,0,1) errors : -76.34034
## Regression with ARIMA(2,0,3) errors : -75.19118
## ARIMA(1,0,2) with zero mean      : Inf
##
## Best model: Regression with ARIMA(1,0,2) errors
##
## [1] "Complete."

## Warning in check_forecasts(data): The following warnings were produced when checking inputs:
## 1. Some forecasts have different numbers of rows
## 2. (e.g. quantiles or samples).
## 3. scoringutils found:
## 4. 1, 23
## 5. . This may be a problem (it can potentially distort scores,
## 6. making it more difficult to compare them),
## 7. so make sure this is intended.

```

```
## Warning in check_forecasts(data): The following warnings were produced when checking inputs:
## 1. Some forecasts have different numbers of rows
## 2. (e.g. quantiles or samples).
## 3. scoringutils found:
## 4. 1, 23
## 5. . This may be a problem (it can potentially distort scores,
## 6. making it more difficult to compare them),
## 7. so make sure this is intended.
```

#### AUTO TEMPERATURE WEEK1

```
AUTO_TEMPERATURE_WEEK1_list <- mclapply(list_of_states, ES_TEMPERATURE, auto=TRUE, n_weeks_ahead=1,week,
  setNames(names(list_of_states))

# Combine the list of data frames into a single data frame with names as a column
AUTO_TEMPERATURE_WEEK1 <- bind_rows(AUTO_TEMPERATURE_WEEK1_list, .id = "State")
```

#### AUTO TEMPERATURE WEEK2

```
AUTO_TEMPERATURE_WEEK2_list <- mclapply(list_of_states, ES_TEMPERATURE, auto=TRUE, n_weeks_ahead=2,week,
  setNames(names(list_of_states))

# Combine the list of data frames into a single data frame with names as a column
AUTO_TEMPERATURE_WEEK2 <- bind_rows(AUTO_TEMPERATURE_WEEK2_list, .id = "State")
```

#### AUTO TEMPERATURE WEEK3

```
AUTO_TEMPERATURE_WEEK3_list <- mclapply(list_of_states, ES_TEMPERATURE, auto=TRUE, n_weeks_ahead=3,week,
  setNames(names(list_of_states))

# Combine the list of data frames into a single data frame with names as a column
AUTO_TEMPERATURE_WEEK3 <- bind_rows(AUTO_TEMPERATURE_WEEK3_list, .id = "State")
```

#### AUTO TEMPERATURE WEEK4

```
AUTO_TEMPERATURE_WEEK4_list <- mclapply(list_of_states, ES_TEMPERATURE, auto=TRUE, n_weeks_ahead=4,week,
  setNames(names(list_of_states))

# Combine the list of data frames into a single data frame with names as a column
AUTO_TEMPERATURE_WEEK4 <- bind_rows(AUTO_TEMPERATURE_WEEK4_list, .id = "State")

save.image("TEMPERATURE_MODELS_LAG1.Rdata")
```

#### ES27 TEMPERATURE WEEK1

```
ES27_TEMPERATURE_WEEK1_list <- mclapply(list_of_states, ES_TEMPERATURE, ES27=TRUE, n_weeks_ahead=1,week,
  setNames(names(list_of_states))

# Combine the list of data frames into a single data frame with names as a column
ES27_TEMPERATURE_WEEK1 <- bind_rows(ES27_TEMPERATURE_WEEK1_list, .id = "State")
```

#### ES27 TEMPERATURE WEEK2

```
ES27_TEMPERATURE_WEEK2_list <- mclapply(list_of_states, ES_TEMPERATURE, ES27=TRUE, n_weeks_ahead=2,week,
  setNames(names(list_of_states)))
```

```
# Combine the list of data frames into a single data frame with names as a column
ES27_TEMPERATURE_WEEK2 <- bind_rows(ES27_TEMPERATURE_WEEK2_list, .id = "State")
```

ES27 TEMPERATURE WEEK3

```
ES27_TEMPERATURE_WEEK3_list <- mclapply(list_of_states, ES_TEMPERATURE, ES27=TRUE, n_weeks_ahead=3,week,
  setNames(names(list_of_states)))
```

```
# Combine the list of data frames into a single data frame with names as a column
ES27_TEMPERATURE_WEEK3 <- bind_rows(ES27_TEMPERATURE_WEEK3_list, .id = "State")
```

ES27 TEMPERATURE WEEK4

```
ES27_TEMPERATURE_WEEK4_list <- mclapply(list_of_states, ES_TEMPERATURE, ES27=TRUE, n_weeks_ahead=4,week,
  setNames(names(list_of_states)))
```

```
# Combine the list of data frames into a single data frame with names as a column
ES27_TEMPERATURE_WEEK4 <- bind_rows(ES27_TEMPERATURE_WEEK4_list, .id = "State")
```

```
save.image("TEMPERATURE_MODELS_LAG1.Rdata")
```

ES64 TEMPERATURE WEEK1

```
ES64_TEMPERATURE_WEEK1_list <- mclapply(list_of_states, ES_TEMPERATURE, ES64=TRUE, n_weeks_ahead=1,week,
  setNames(names(list_of_states)))
```

```
# Combine the list of data frames into a single data frame with names as a column
ES64_TEMPERATURE_WEEK1 <- bind_rows(ES64_TEMPERATURE_WEEK1_list, .id = "State")
```

ES64 TEMPERATURE WEEK2

```
ES64_TEMPERATURE_WEEK2_list <- mclapply(list_of_states, ES_TEMPERATURE, ES64=TRUE, n_weeks_ahead=2,week,
  setNames(names(list_of_states)))
```

```
# Combine the list of data frames into a single data frame with names as a column
ES64_TEMPERATURE_WEEK2 <- bind_rows(ES64_TEMPERATURE_WEEK2_list, .id = "State")
```

ES64 TEMPERATURE WEEK3

```
ES64_TEMPERATURE_WEEK3_list <- mclapply(list_of_states, ES_TEMPERATURE, ES64=TRUE, n_weeks_ahead=3,week,
  setNames(names(list_of_states)))
```

```
# Combine the list of data frames into a single data frame with names as a column
ES64_TEMPERATURE_WEEK3 <- bind_rows(ES64_TEMPERATURE_WEEK3_list, .id = "State")
```

ES64 TEMPERATURE WEEK4

```
ES64_TEMPERATURE_WEEK4_list <- mclapply(list_of_states, ES_TEMPERATURE, ES64=TRUE, n_weeks_ahead=4, week,
  setNames(names(list_of_states)))

# Combine the list of data frames into a single data frame with names as a column
ES64_TEMPERATURE_WEEK4 <- bind_rows(ES64_TEMPERATURE_WEEK4_list, .id = "State")

save.image("TEMPERATURE_MODELS_LAG1.Rdata")
```