DAFTAR PUSTAKA

Damayanti, S., & Yosmar, S. (2021). Model Intervensi Fungsi Step Untuk Peramalan Harga Saham Pt. Garuda Indonesia (Persero) Tbk Di Masa Pandemi Covid-19. *Jurnal Riset Dan Aplikasi Matematika (JRAM)*, *5*(1), 10. https://doi.org/10.26740/jram.v5n1.p10-18

Hendayana, Y., & Riyanti, N. (2019). Pengaruh Inflasi, Suku Bunga, Likuiditas, dan Leverage Terhadap Nilai Perusahaan. *Kinerja*, *2*(01), 36–48. https://doi.org/10.34005/kinerja.v2i02.795

Listyowati, & S.U, N. S. (2013). Pemodelan Indeks Harga Konsumen (IHK) Umum Berdasarkan IHK Sektor Bahan Makanan dan IHK Sektor Makanan Jadi, Minuman/Rokok. *Jurnal Sains Dan Seni Pomits*, *2*(2).

Makridakis, S., Wheelwright, S. C., & McGEE, V. E. (1993). *Metode Dan Aplikasi Peramalan* (2nd ed.). Erlangga.

Mankiw, N. G., Quah, E., Wilson, P., & Hutagalung, B. N. (2014). *Pengantar Ekonomi Mikro*.

Nasution, L. M. (2017). Statistik Deskriptif. *Jurnal Hikmah*, *14*(1829–8419). https://doi.org/10.1021/ja01626a006

Saepulloh, I., & Handoko, Y. (2018). Forecasting Kebutuhan Obat Menggunakan Metode Pola Konsumsi, Pola Mordibitas dan Winter's Exponential Smoothing di RS Paru Dr.H.A Rotinsulu Bandung. *Jurnal Tata Kelola Dan Kerangka Kerja Teknologi Informasi*, *4*(1), 9–14. https://doi.org/10.34010/jtk3ti.v4i1.1393

Sari, D. R., Sugito, & Ispriyanti, D. (2015). Peramalan Indeks Harga Konsumen Menggunakan Model Intervensi Fungsi Step. *Jurnal Gaussian*, *4*(2339–2541), 795–804.

Sugiarto, & Harijono. (2000). *Peramalan Bisnis*. Rineka Cipta.

Wardhani, E. D. (2021). Pemodelan Arima Intervensi Multi-Input Untuk Analisis Dampak Bencana Terhadap Kunjungan Wisatawan Mancanegara Ke Provinsi Bali Dan Ntb. *Seminar Nasional Official Statistics*, *2020*(1), 1011–1020. https://doi.org/10.34123/semnasoffstat.v2020i1.583

Wei, W. W. S. (2006). *Time Series Analysis Univariate and Multivariate Methods Second Edition*. Addison-Wesley Publishing Company, Inc.

LAMPIRAN

Lampiran 1

Data Tingkat Penghunian Kamar Hotel Provinsi Jawa Tengah Tahun 2017-2021

Bulan	TPK (%)
Januari 2017	42,15
Februari 2017	42,02
Maret 2017	45,26
April 2017	50,52
Mei 2017	47,75
Juni 2017	46,72
Juli 2017	56,44
Agustus 2017	47,33
September 2017	49,45
Oktober 2017	48,01
November 2017	54,11
Desember 2017	56,73
Januari 2018	44,85
Februari 2018	44,28
Maret 2018	43,39
April 2018	46,9
Mei 2018	41,81
Juni 2018	46,16
Juli 2018	47,44
Agustus 2018	45,31
September 2018	44,46
Oktober 2018	46,16
November 2018	46,6
Desember 2018	52,5
Januari 2019	42,49

Februari 2019	44,17
Maret 2019	45,32
April 2019	45,86
Mei 2019	35,23
Juni 2019	49,14
Juli 2019	47,02
Agustus 2019	45,15
September 2019	45,06
Oktober 2019	48,4
November 2019	52,18
Desember 2019	53,29
Januari 2020	41,51
Februari 2020	46,36
Maret 2020	28,63
April 2020	10,65
Mei 2020	10,83
Juni 2020	17,64
Juli 2020	24,76
Agustus 2020	28,92
September 2020	28,13
Oktober 2020	35,05
November 2020	37,89
Desember 2020	35,69
Januari 2021	24,73
Februari 2021	26,64
Maret 2021	33,27
April 2021	32,18
Mei 2021	28,11
Juni 2021	31,95
Juli 2021	15,22
Agustus 2021	20,11
September 2021	34,68

Oktober 2021	41,48
November 2021	43,64
Desember 2021	50,38

Lampiran 2

Hasil Uji *ADF Test*

```
> adf.test(tf)

        Augmented Dickey-Fuller Test

data:  tf
Dickey-Fuller = -2.4367, Lag order = 3, p-value = 0.3983
alternative hypothesis: stationary

> diff1=diff(tf)
> adf.test(diff1)

        Augmented Dickey-Fuller Test

data:  diff1
Dickey-Fuller = -3.3796, Lag order = 3, p-value = 0.06774
alternative hypothesis: stationary

> diff2=diff(diff1)
> adf.test(diff2)

        Augmented Dickey-Fuller Test

data:  diff2
Dickey-Fuller = -6.0819, Lag order = 3, p-value = 0.01
alternative hypothesis: stationary
```

Lampiran 3

Hasil Transformasi Data Asli

TPK	Transformasi
42,15	1776.62
42,02	1765.68
45,26	2048.47
50,52	2552.27
47,75	2280.06
46,72	2182.76
56,44	3185.47
47,33	2240.13
49,45	2445.30
48,01	2304.96
54,11	2927.89
56,73	3218.29
44,85	2011.52
44,28	1960.72
43,39	1882.69
46,9	2199.61
41,81	1748.08
46,16	2130.75
47,44	2250.55
45,31	2053.00
44,46	1976.69
46,16	2130.75
46,6	2171.56
52,5	2756.25
42,49	1805.40

44,17	1950.99
45,32	2053.90
45,86	2103.14
35,23	1241.15
49,14	2414.74
47,02	2210.88
45,15	2038.52
45,06	2030.40
48,4	2342.56
52,18	2722.75
53,29	2839.82
41,51	1723.08
46,36	2149.25
28,63	819.68
10,65	113.42
10,83	117.29
17,64	311.17
24,76	613.06
28,92	836.37
28,13	791.30
35,05	1228.50
37,89	1435.65
35,69	1273.78
24,73	611.57
26,64	709.69
33,27	1106.89
32,18	1035.55
28,11	790.17
31,95	1020.80
15,22	231.65
20,11	404.41
34,68	1202.70

41,48	1720.59
43,64	1904.45
50,38	2538.14

Lampiran 4

Output model SARIMA $(0,2,1)(1,0,1)^{12}$

Final Estimates of Parameters

Type	Coef	SE Coef	T-Value	P-Value
SAR 12	1,0003	0,0145	69,19	0,000
MA 1	1,0118	0,0536	18,88	0,000
SMA 12	0,766	0,155	4,94	0,000

Differencing: 2 regular, 0 seasonal of order 12

Number of observations: Original series 60, after differencing 58

Residual Sums of Squares

DF	SS	MS
55	10682754	194232

Back forecasts excluded

Modified Box-Pierce (Ljung-Box) Chi-Square Statistic

Lag	12	24	36	48
Chi-Square	8,52	17,99	27,98	40,48
DF	9	21	33	45
P-Value	0,483	0,650	0,715	0,663

Output model SARIMA $(0,2,1)(1,0,0)^{12}$

Final Estimates of Parameters

Type	Coef	SE Coef	T-Value	P-Value
SAR 12	0,512	0,126	4,07	0,000
MA 1	0,9584	0,0679	14,11	0,000

Differencing: 2 regular, 0 seasonal of order 12

Number of observations: Original series 60, after differencing 58

Residual Sums of Squares

DF	SS	MS
56	12791387	228418

Back forecasts excluded

Modified Box-Pierce (Ljung-Box) Chi-Square Statistic

Lag	12	24	36	48
Chi-Square	15,05	24,46	34,27	44,26
DF	10	22	34	46
P-Value	0,130	0,323	0,455	0,545

Output model SARIMA $(0,2,1)(0,0,1)^{12}$

Final Estimates of Parameters

Type	Coef	SE Coef	T-Value	P-Value
MA 1	0,9839	0,0237	41,59	0,000
SMA 12	-0,368	0,155	-2,37	0,021

Differencing: 2 regular, 0 seasonal of order 12

Number of observations: Original series 60, after differencing 58

Residual Sums of Squares

DF	SS	MS
56	13740449	245365

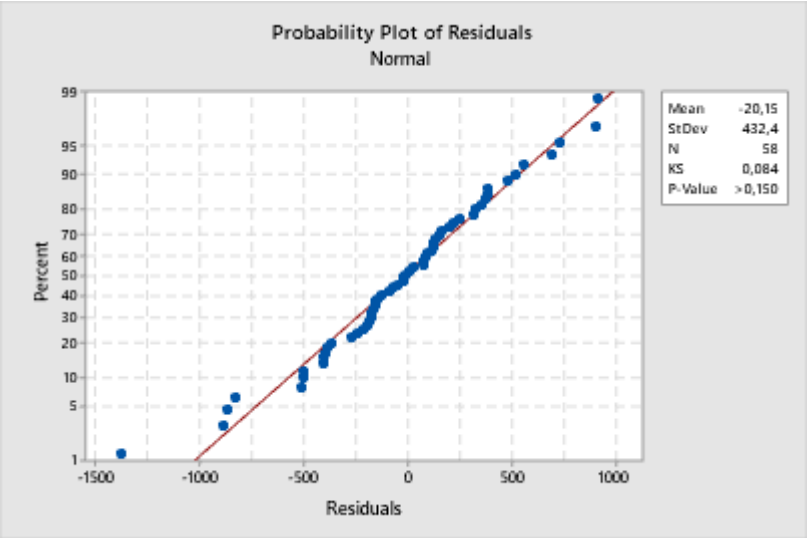
Back forecasts excluded

Modified Box-Pierce (Ljung-Box) Chi-Square Statistic

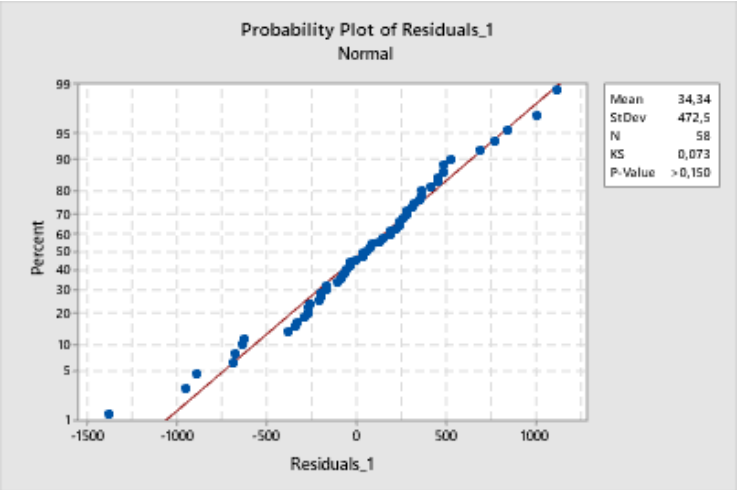
Lag	12	24	36	48
Chi-Square	8,99	20,81	29,91	38,90
DF	10	22	34	46
P-Value	0,533	0,532	0,668	0,762

Uji Normalitas Residual

Output model SARIMA $(0,2,1)(1,0,1)^{12}$



Output model SARIMA $(0,2,1)(1,0,0)^{12}$



Output model SARIMA $(0,2,1)(0,0,1)^{12}$