JURUSAN TEKNIK INDUSTRI

FAKULTAS TEKNIK UNIVERSITAS DARMA PERSADA

LEMBAR PERBAIKAN SIDANG SKRIPSI

Nama : Fajar Sri Dadi

NIM : 2017220038

Judul Skripsi :

" Analisis Faktor -faktor Terhadap Pengaruh Harga Emas Menggunakan Metode Regresi Pada PT. Aneka Tambang Tbk"

No.	Penguji	Uraian Perbaikan	Paraf
1.	Alfian Destha Joanda, ST.MT.	1. Perbaikan perhitungan hasil uji – uji pada bab 5 diletakkan pada bab 4 pengolahan data 2. Perbaikan Analisis dan pembahasan dijelaskan penyebab fluktuasi pada faktor- faktor nya.	
2.	Dr. Ade Supriatna, ST.MT.	1. Menambahkan faktor – faktor yang mempengaruhi harga emas 2. Tujuan harus sesuai dengan penelitian	17/11 /21

Jakarta, 5 Agustus 2021

Mengetahui,

Ketua Jurusan Teknik Industri

Ir. Jamaluddin Purba, MT.

Disetujui,

Pembimbing Tugas Akhir

Ir. Atik Kurnianto, M.Eng.

DAFTAR LAMPIRAN

Lampiran 1

Bulan (1)	Inflasi % (2)	Kurs (3)	BI Rate % (4)	Penjualan (5)	Harga Emas (6)
Mar-20	2.96	16.367,00	4.50	29678	Rp810.000
Apr-20	2.67	15.157,00	4.50	11066	Rp952.000
May-20	2.19	14.733,00	4.50	11000	Rp926.000
Jun-20	1.96	14.302,00	4.25	25607	Rp902.000
Jul-20	1.54	14.653,00	4.00	49873	Rp942.000
Aug-20	1.32	14.554,00	4.00	67567	Rp1.035.000
Sep-20	1.42	14.918,00	4.00	73031	Rp1.037.000
Oct-20	1.44	14.690,00	4.00	69234	Rp1.009.000
Nov-20	1.59	14.128,00	3.75	48930	Rp985.000

(1)	(2)	(3)	(4)	(5)	(6)
Dec-20	1.68	14.105,00	3.75	52588	Rp951.000
Jan-21	1.55	14.084,00	3.75	86985	Rp956.000
Feb-21	1.38	14.229,00	3.50	50456	Rp940.000
Mar-21	1.37	14.572,00	3.50	47194	Rp924.000

Sumber : Hasil Olahan

Lampiran 2. Hasil Estimasi OLS

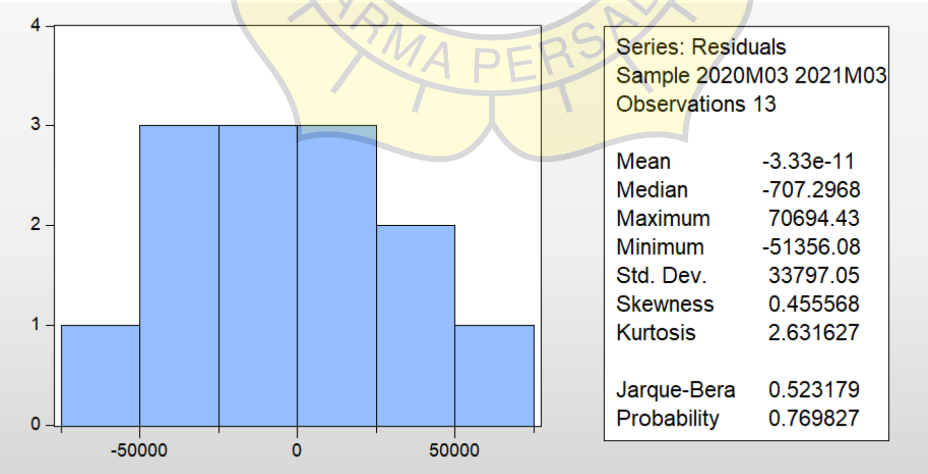
Dependent Variable: HARGAEMAS
Method: Least Squares
Date: 06/13/21 Time: 15:40
Sample: 2020M03 2021M03
Included observations: 13

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	864458.1	405291.0	2.132932	0.0655
INFLASI	110596.6	54957.76	2.012392	0.0790
KURSDOLLAR	17.73570	32.05006	0.553375	0.5951
SUKUBUNGA	127376.1	59838.32	2.128671	0.0659
PENJUALAN	0.701943	0.829431	0.846296	0.4220

R-squared	0.679994	Mean dependent var	951461.5
Adjusted R-squared	0.519991	S.D. dependent var	59744.76
S.E. of regression	41392.76	Akaike info criterion	24.38332
Sum squared resid	1.37E+10	Schwarz criterion	24.60061
Log likelihood	-153.4916	Hannan-Quinn criter.	24.33866
F-statistic	4.249885	Durbin-Watson stat	1.943898
Prob(F-statistic)	0.039010		

Sumber: Hasil Olahan *Software Eviews 12.*

Lampiran 3. Hasil Uji Normalitas



Sumber: Hasil Olahan *Software Eviews 12.*

Lampiran 4. Hasil Uji Linearitas

Ramsey RESET Test
Equation: EQ1
Omitted Variables: Squares of fitted values
Specification: HARGAEMAS C INFLASI KURSDOLLAR SUKUBUNGA PENJUALAN

	Value	df	Probability
t-statistic	0.656781	7	0.5323
F-statistic	0.431362	(1, 7)	0.5323
Likelihood ratio	0.777387	1	0.3779

Sumber: Hasil Olahan *Software Eviews 12.*

Lampiran 5. Hasil Uji Multikolinearitas

Variance Inflation Factors
Date: 06/13/21 Time: 15:28
Sample: 2020M03 2021M03
Included observations: 13

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
C	1.64E+11	1246.317	NA
INFLASI	3.02E+09	78.03409	5.863373
KURSDOLLAR	1027.207	1676.166	2.691178
SUKUBUNGA	3.58E+09	437.8184	3.134738
PENJUALAN	0.687955	14.63898	2.643010

Sumber: Hasil Olahan *Software Eviews 12.*

Lampiran 6. Hasil Uji Autokorelasi

Breusch-Godfrey Serial Correlation LM Test:
Null hypothesis: No serial correlation at up to 2 lags

F-statistic	0.599951	Prob. F(2,6)	0.5787
Obs*R-squared	2.166519	Prob. Chi-Square(2)	0.3385

Test Equation:
Dependent Variable: RESID
Method: Least Squares
Date: 06/13/21 Time: 15:31
Sample: 2020M03 2021M03
Included observations: 13
Presample missing value lagged residuals set to zero.

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	408694.2	568174.2	0.719311	0.4990
INFLASI	50694.08	74234.62	0.682890	0.5202
KURSDOLLAR	-32.18403	45.12394	-0.713236	0.5025
SUKUBUNGA	-11008.27	64619.16	-0.170356	0.8703
PENJUALAN	0.364376	0.938716	0.388164	0.7113
RESID(-1)	-0.071225	0.387893	-0.183620	0.8604
RESID(-2)	-0.563480	0.514565	-1.095059	0.3155

R-squared	0.166655	Mean dependent var	-3.33E-11
Adjusted R-squared	-0.666689	S.D. dependent var	33797.05
S.E. of regression	43632.10	Akaike info criterion	24.50871
Sum squared resid	1.14E+10	Schwarz criterion	24.81291
Log likelihood	-152.3066	Hannan-Quinn criter.	24.44618
F-statistic	0.199984	Durbin-Watson stat	1.844886
Prob(F-statistic)	0.964513		

Sumber: Hasil Olahan *Software Eviews 12.*

Lampiran 7. Hasil Uji Autokorelasi (*Difference*)

Breusch-Godfrey Serial Correlation LM Test:
Null hypothesis: No serial correlation at up to 2 lags

F-statistic	0.914522	Prob. F(2,5)	0.4587
Obs*R-squared	3.213997	Prob. Chi-Square(2)	0.2005

Test Equation:
Dependent Variable: RESID
Method: Least Squares
Date: 06/13/21 Time: 15:38
Sample: 2020M04 2021M03
Included observations: 12
Presample missing value lagged residuals set to zero.

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-464.8399	29352.01	-0.015837	0.9880
D(INFLASI)	85696.23	119374.7	0.717876	0.5050
D(KURSDOLLAR)	-38.14992	56.98380	-0.669487	0.5329
D(SUKUBUNGA)	-64573.42	270707.6	-0.238536	0.8209
D(PENJUALAN)	0.357852	1.283221	0.278870	0.7915
RESID(-1)	0.178035	0.712308	0.249941	0.8126
RESID(-2)	-0.657695	0.486332	-1.352357	0.2342

R-squared	0.267833	Mean dependent var	6.46E-12
Adjusted R-squared	-0.610767	S.D. dependent var	45237.25
S.E. of regression	57413.31	Akaike info criterion	25.04514
Sum squared resid	1.65E+10	Schwarz criterion	25.32800
Log likelihood	-143.2708	Hannan-Quinn criter.	24.94041
F-statistic	0.304841	Durbin-Watson stat	1.801403
Prob(F-statistic)	0.909788		

Sumber: Hasil Olahan *Software Eviews 12.*

Lampiran 8. Hasil Uji Heterokedastisitas

Heteroskedasticity Test: White
Null hypothesis: Homoskedasticity

F-statistic	1.498282	Prob. F(4,8)	0.2899
Obs*R-squared	5.567780	Prob. Chi-Square(4)	0.2338
Scaled explained SS	1.720149	Prob. Chi-Square(4)	0.7871

Test Equation:
Dependent Variable: RESID^2
Method: Least Squares
Date: 06/13/21 Time: 15:43
Sample: 2020M03 2021M03
Included observations: 13

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	5.59E+09	6.93E+09	0.806125	0.4435
INFLASI^2	4.16E+08	4.04E+08	1.027609	0.3342
KURSDOLLAR^2	-41.01429	35.07339	-1.169385	0.2759
SUKUBUNGA^2	1.80E+08	2.26E+08	0.796186	0.4489
PENJUALAN^2	-0.008839	0.225696	-0.039163	0.9697

R-squared	0.428291	Mean dependent var	1.05E+09
Adjusted R-squared	0.142436	S.D. dependent var	1.40E+09
S.E. of regression	1.30E+09	Akaike info criterion	45.08999
Sum squared resid	1.35E+19	Schwarz criterion	45.30728
Log likelihood	-288.0849	Hannan-Quinn criter.	45.04533
F-statistic	1.498282	Durbin-Watson stat	3.155286
Prob(F-statistic)	0.289852		

Sumber: Hasil Olahan *Software Eviews 12.*