

APPENDIX

Appendix 1

Initial Research Data

Year	Rice Import (Tons)	Total Population (1000 inhabitants)	Rice Production (Tons)	Local Rice Price (Rupiah)
1990	268500	184346	30134227	711
1991	427300	187452	29807056	745
1992	14800	190512	32176085	786
1993	558100	193526	48129321	802
1994	189616	196488	54151097	3532
1995	250473	199400	24398890	6138
1996	1018200	202257	51048899	873
1997	867700	205063	49339086	982
1998	5197700	207839	89236692	1280
1999	4751398	208615	50866387	1785
2000	1355665	211513	51898852	2432
2001	644732	214427	50460782	2585
2002	1805379	217357	71489694	2994
2003	1428505	220309	52137604	2917
2004	236866	223285	54088468	3074
2005	1095400	226289	46598380	821
2006	438108	229318	54454937	4651
2007	1406847	232374	57157435	5439
2008	289689	235469	60325925	791
2009	2428500	238620	49697444	856
2010	687581	241834	46469394	7176
2011	2750476	245116	65756904	8127
2012	1810372	248452	69056126	8775
2013	472664	251806	31279709	9067
2014	844163	255129	30846465	9730
2015	861601	258383	75397841	10713
2016	1283178	261554	79141325	11190
2017	305274	264645	81383451	11576
2018	2254289	267663	83029057	12058
2019	444508	268074	85229021	12091

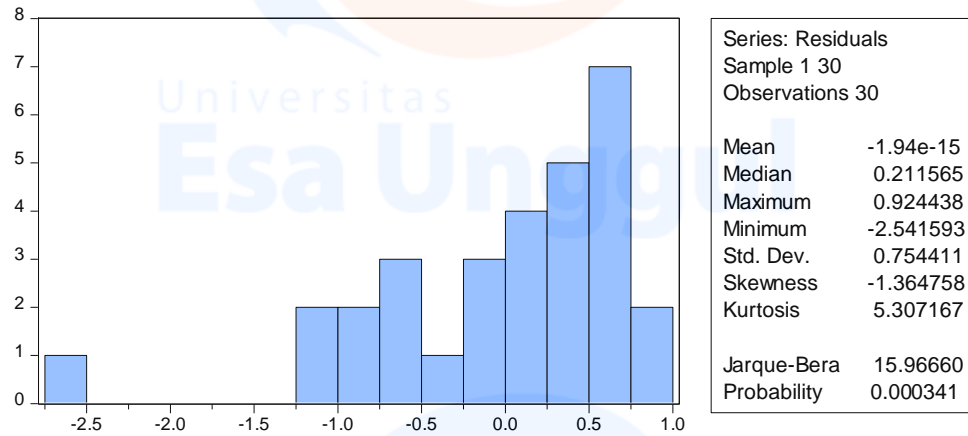
Natural Logarithm Research Data

	LOG_RICEIMPORT	LOG_POPULATION	LOG_RICEPRODUCTION	LOG_LOCALRICEPRICE
1	12.50060619293106	12.12456970556955	17.22117219333418	6.56667242980324
2	12.96524162163212	12.14127809161901	17.21025570197151	6.61338421837956
3	9.602382459752206	11.51803240233837	17.28673403271162	6.666956792429206
4	13.23229343677652	12.17316714935061	17.6894021335546	6.687108607866515
5	13.90663015133176	12.18835663972439	17.6570763345431	6.710523109452428
6	14.70278434076794	15.31945461251753	17.72146406117293	6.752270376141742
7	13.83354692045037	12.21729444495221	17.74829453525129	6.771935555839602
8	13.67360131178158	12.23107252798149	17.71422714437019	6.889591308354466
9	15.46372677801245	12.24451902049947	18.30680285826244	9.895404976342772
10	15.3739494484979	15.2526441729109	17.74471289009733	10.01018717119518
11	14.11980266681307	12.26204174130057	17.76480722843098	7.796469243086058
12	13.37659000555629	12.27572463308573	17.73670699848081	7.85748078694253
13	14.40628110000719	12.28929644201749	18.08506385741495	8.004365564979574
14	14.17213900082185	12.30278638533771	17.76939701221083	7.978310969867721
15	12.37524985937405	11.54524743643235	17.80613156028141	8.03073492409854
16	12.15275625342823	11.47510936488598	17.80728878974716	8.16961956172385
17	12.99022073430635	11.77002976620787	17.8128840735727	8.444837529224098
18	14.15686158817942	12.35610342162557	17.86132003598128	8.60135049942296
19	12.57656321272243	12.36933454895445	17.91527250296743	6.673297967767654
20	12.43110640926676	12.38262760742979	17.01004819742537	8.722254235179681
21	13.44093491976466	12.39600681935397	17.65430446030473	8.878497403738631
22	14.82728454557334	15.47280791586921	18.00147522731192	9.002947130753205
23	14.40904290698655	12.4230049469075	18.05043015220439	9.079662048334066
24	13.06614005564124	12.43641422874376	17.25848017052906	9.112396727646056
25	13.64610088289337	12.44952457857817	17.24453271504023	9.18296917518005
26	13.66654756545503	12.46219825925268	18.13828919861597	9.279213236262559
27	14.06485037130901	12.47439604212475	17.71021088847076	9.322775801305972
28	12.62896501296086	12.48614458423028	17.26179127372846	7.336285660021298
29	14.62834518186682	15.26657692858621	18.234701188833	9.397483619049352
30	13.00472333152442	12.49901834078203	17.62724949629383	9.400216653174248

APPENDIX 2

Classic Assumption Test Result

Normality Test



Multicolinierity Test

Variance Inflation Factors

Date: 05/31/21 Time: 15:37

Sample: 1 30

Included observations: 30

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
LOG_POPULATION	0.020073	152.3794	1.136837
LOG_RICEPRODUCTION	0.243487	3606.832	1.170298
LOG_LOCALRICEPRICE	0.020577	65.43422	1.193987
C	68.40822	3232.871	NA

Autocorrelation Test

Breusch-Godfrey Serial Correlation LM Test:

F-statistic	0.058001	Prob. F(2,24)	0.9438
Obs*R-squared	0.144306	Prob. Chi-Square(2)	0.9304

Test Equation:

Dependent Variable: RESID

Method: Least Squares

Date: 05/31/21 Time: 15:36

Sample: 1 30

Included observations: 30

Presample missing value lagged residuals set to zero.

Variable	Coefficient	Std. Error	t-Statistic	Prob.
LOG_POPULATION	-0.002783	0.151175	-0.018412	0.9855
LOG_RICEPRODUCTION	0.013998	0.515858	0.027135	0.9786
LOG_LOCALRICEPRICE	0.006543	0.151254	0.043261	0.9659
C	-0.262418	8.685778	-0.030212	0.9761
RESID(-1)	0.021925	0.213176	0.102849	0.9189
RESID(-2)	-0.069962	0.217222	-0.322076	0.7502
R-squared	0.004810	Mean dependent var		-1.94E-15
Adjusted R-squared	-0.202521	S.D. dependent var		0.754411
S.E. of regression	0.827284	Akaike info criterion		2.635519
Sum squared resid	16.42557	Schwarz criterion		2.915758
Log likelihood	-33.53278	Hannan-Quinn criter.		2.725170
F-statistic	0.023201	Durbin-Watson stat		1.958355
Prob(F-statistic)	0.999731			

Heteroskedasticity Test

Heteroskedasticity Test: Breusch-Pagan-Godfrey

F-statistic	0.679077	Prob. F(3,26)	0.5728
Obs*R-squared	2.179848	Prob. Chi-Square(3)	0.5359
Scaled explained SS	3.526080	Prob. Chi-Square(3)	0.3174

Test Equation:

Dependent Variable: RESID^2

Method: Least Squares

Date: 05/31/21 Time: 15:36

Sample: 1 30

Included observations: 30

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	4.870181	12.26071	0.397218	0.6944
LOG_POPULATION	-0.137692	0.210022	-0.655606	0.5178
LOG_RICEPRODUCTION	-0.055123	0.731475	-0.075359	0.9405
LOG_LOCALRICEPRICE	-0.197547	0.212642	-0.929010	0.3614
R-squared	0.072662	Mean dependent var		0.550165
Adjusted R-squared	-0.034339	S.D. dependent var		1.161317
S.E. of regression	1.181088	Akaike info criterion		3.294315
Sum squared resid	36.26919	Schwarz criterion		3.481141
Log likelihood	-45.41472	Hannan-Quinn criter.		3.354082
F-statistic	0.679077	Durbin-Watson stat		2.357049
Prob(F-statistic)	0.572771			

APPENDIX 3

Multiple Linear Regression

Dependent Variable: LOG_RICEIMPORT

Method: Least Squares

Date: 05/31/21 Time: 15:35

Sample: 1 30

Included observations: 30

Variable	Coefficient	Std. Error	t-Statistic	Prob.
LOG_POPULATION	0.433095	0.141678	3.056895	0.0051
LOG_RICEPRODUCTION	1.456532	0.493444	2.951766	0.0066
LOG_LOCALRICEPRICE	0.465421	0.172103	2.704314	0.0115
C	-19.32191	8.270926	-2.336124	0.0275
R-squared	0.571614	Mean dependent var		13.51318
Adjusted R-squared	0.522185	S.D. dependent var		1.152632
S.E. of regression	0.796747	Akaike info criterion		2.507007
Sum squared resid	16.50496	Schwarz criterion		2.693834
Log likelihood	-33.60511	Hannan-Quinn criter.		2.566775
F-statistic	11.56433	Durbin-Watson stat		1.932974
Prob(F-statistic)	0.000053			

APPENDIX4: Turnitin



The screenshot displays a Turnitin submission interface. The main document preview area shows the following text:

Analysis of factors Affecting Rice Import In Indonesia, 1990-2019

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Abstract

This study aims to determine the factors that influence the volume of rice import in Indonesia. The independent variables contained in this study are the total population in Indonesia, total rice production, local rice price, while the dependent variable is the volume of rice import in Indonesia. This type of research is a descriptive study with a quantitative approach. The data used in this study are annual time series data for the period 1990-2019 with a total of 30 data. This research was conducted through the official website to obtain research data, including the

On the right side, a 'Match Overview' panel is visible, showing a match percentage of 2%. Below this, it indicates 'Currently viewing standard sources' and provides a 'View English Sources (Beta)' button. A 'Matches' section shows one match: 'Submitted to Universi...' with a 2% match rate.

APPENDIX 5: CV Puspita Dyah Ismoyowati