

BAB V

KESIMPULAN DAN SARAN

5.1 Kesimpulan

Kesimpulan yang dapat ditarik dari hasil analisis mengenai faktor-faktor yang mempengaruhi volume ekspor karet Indonesia adalah sebagai berikut :

1. Harga karet di pasar negara importir/New York (PN) tidak berpengaruh secara signifikan terhadap volume ekspor karet Indonesia. Hasil penelitian tidak sesuai dengan hipotesis yang telah diajukan.
2. Jumlah produksi karet (QKI) berpengaruh positif dan signifikan terhadap volume ekspor karet Indonesia. Hasil penelitian sesuai dengan hipotesis yang telah diajukan.
3. Nilai tukar rupiah terhadap dollar US (NT) berpengaruh positif dan signifikan terhadap volume ekspor karet Indonesia. Hasil penelitian sesuai dengan hipotesis yang telah diajukan.
4. Suku bunga pasar uang (Rrill) tidak berpengaruh secara signifikan terhadap volume ekspor karet Indonesia. Hasil penelitian ini tidak sesuai dengan hipotesis yang telah diajukan
5. Variabel dummy krisis ekonomi tidak bisa menjelaskan pengaruhnya terhadap volume ekspor karet Indonesia.

5.2. Saran

1. Pemerintah, untuk meningkatkan ekspor karet , maka produksi karet harus ditingkatkan, misalnya dengan meningkatkan produktifitas, mutu dan efisiensi, kondisi ini perlu diciptakan oleh pemerintah khususnya pemerintah daerah. Salah satu caranya adalah mengadakan penyuluhan-penyuluhan perkebunan kepada para petani karet maupun pemilik perkebunan yang tersebar luas di wilayah Indonesia untuk dapat meningkatkan mutu karet, sehingga komoditi karet Indonesia menjadi lebih kompetitif karena permintaan akan karet yang cenderung meningkat.
2. Pada peneliti dan kajian selanjutnya, peneliti memberikan saran untuk menambah atau mengganti variabel yang dapat mempengaruhi volume ekspor karet Indonesia seperti Harga karet di pasar Singapura, pajak ekspor dan lain sebagainya. Dalam kajian di masa yang akan datang, peneliti menyarankan untuk memanfaatkan alat analisis dengan metode dinamis seperti metode koreksi kesalahan atau *error correction model* (ECM).

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LAMPIRAN 1. DATA

Obs	VEK	SBPU	RRILL	QKI	PN	NT	DM
1980	941	12.91	-4.24	1002	68.5	532	0
1981	954	16.31	8.99	1046	49.5	547	0
1982	884	17.26	7.25	900	42.5	591	0
1983	877	12.90	9.29	1007	56.25	1096	0
1984	1145	19.39	10.31	1033	41.25	1073	0
1985	1042	9.95	5.59	1060	38.75	1129	0
1986	1082	13.79	4.62	1109	44.25	1557	0
1987	1064	14.50	5.27	1130	50.62	1556	0
1988	1198	14.70	9.12	1170	63.12	1634	0
1989	1219	12.40	6.29	1209	64.37	1704	0
1990	1222	14.93	-2.06	1263	46.22	1804	0
1991	1244	15.32	5.4	1301	43.53	1897	0
1992	1267.8	12.09	7.05	1365	44.3	1974	0
1993	1214.3	8.72	-1.45	1437	43.12	2018	0
1994	1244.8	9.87	0.23	1465	57.4	2105	0
1995	1323.8	13.62	4.64	1532	78.63	2308	0
1996	1434.3	14.13	7.5	1527	70.01	2383	0
1997	1416.2	30.13	18.53	1505	52.32	4650	0
1998	1641.2	64.08	-13.91	1714	38.61	8025	1
1999	1494.6	12.40	10.24	1500	34.68	7100	1
2000	1379.6	11.72	2.65	1500	36.64	9595	1
2001	1453.4	15.67	3.13	2039	33.1	10435	1
2002	1496	9.55	-0.47	2103	41.18	8940	1
2003	1663	5.81	8.76	2120	57.7	8465	1

LAMPIRAN 2. REGRESI AWAL

Dependent Variable: LVEK

Method: Least Squares

Date: 10/17/05 Time: 16:53

Sample: 1980 2003

Included observations: 24

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3.569489	0.814643	4.381658	0.0004
LPN	0.053149	0.082981	0.640495	0.5299
LQKI	0.311415	0.170120	1.830557	0.0838
LNT	0.144632	0.054527	2.652488	0.0162
RRILL	-0.000830	0.002584	-0.321360	0.7516
DM	-0.086082	0.072564	-1.186290	0.2509
R-squared	0.881123	Mean dependent var	7.111774	
Adjusted R-squared	0.848101	S.D. dependent var	0.183236	
S.E. of regression	0.071415	Akaike info criterion	-2.228306	
Sum squared resid	0.091801	Schwarz criterion	-1.933792	
Log likelihood	32.73967	F-statistic	26.68334	
Durbin-Watson stat	2.004469	Prob(F-statistic)	0.000000	

LAMPIRAN 3. PENGUJIAN AUTOKORELASI

Breusch-Godfrey Serial Correlation LM Test:

F-statistic	0.592711	Probability	0.564519
Obs*R-squared	1.655479	Probability	0.437036

Test Equation:

Dependent Variable: RESID

Method: Least Squares

Date: 10/17/05 Time: 16:58

Presample missing value lagged residuals set to zero.

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.365833	0.955044	0.383054	0.7067
LPN	-0.023609	0.088395	-0.267088	0.7928
LQKI	-0.065920	0.194126	-0.339572	0.7386
LNT	0.027734	0.064955	0.426966	0.6751
RRILL	-0.001448	0.002965	-0.488252	0.6320
DM	-0.028495	0.081068	-0.351498	0.7298
RESID(-1)	-0.071773	0.279506	-0.256787	0.8006
RESID(-2)	-0.330601	0.303839	-1.088082	0.2927
R-squared	0.068978	Mean dependent var	5.71E-16	
Adjusted R-squared	-0.338344	S.D. dependent var	0.063177	
S.E. of regression	0.073088	Akaike info criterion	-2.133112	
Sum squared resid	0.085469	Schwarz criterion	-1.740427	
Log likelihood	33.59734	F-statistic	0.169346	
Durbin-Watson stat	2.118236	Prob(F-statistic)	0.988064	

LAMPIRAN 4. PENGUJIAN HETEROSKEDASTISITAS

White Heteroskedasticity Test:

F-statistic	0.644609	Probability	0.743129
Obs*R-squared	7.031573	Probability	0.633832

Test Equation:

Dependent Variable: RESID^2

Method: Least Squares

Date: 10/17/05 Time: 16:59

Sample: 1980 2003

Included observations: 24

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	2.779168	2.018203	1.377051	0.1901
LPN	-0.158725	0.240537	-0.659880	0.5200
LPN^2	0.020260	0.030352	0.667479	0.5153
LQKI	-0.760588	0.528070	-1.440317	0.1718
LQKI^2	0.051400	0.036059	1.425435	0.1759
LNT	0.089042	0.055818	1.595208	0.1330
LNT^2	-0.005773	0.003863	-1.494259	0.1573
RRILL	-5.48E-05	0.000269	-0.203738	0.8415
RRILL^2	2.35E-05	2.35E-05	1.000222	0.3342
DM	0.013417	0.014408	0.931230	0.3675
R-squared	0.292982	Mean dependent var	0.003825	
Adjusted R-squared	-0.161529	S.D. dependent var	0.006111	
S.E. of regression	0.006586	Akaike info criterion	-6.913290	
Sum squared resid	0.000607	Schwarz criterion	-6.422434	
Log likelihood	92.95947	F-statistic	0.644609	
Durbin-Watson stat	2.108750	Prob(F-statistic)	0.743129	

LAMPIRAN 5. PENGUJIAN MULTIKOLINEARITAS

Dependent Variable: LPN
 Method: Least Squares
 Date: 10/17/05 Time: 18:23
 Sample: 1980 2003
 Included observations: 24

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	4.967163	1.480373	3.355345	0.0029
LQKI	-0.150764	0.205537	-0.733514	0.4710
R-squared	0.023873	Mean dependent var		3.881875
Adjusted R-squared	-0.020497	S.D. dependent var		0.235892
S.E. of regression	0.238297	Akaike info criterion		0.049056
Sum squared resid	1.249279	Schwarz criterion		0.147228
Log likelihood	1.411322	F-statistic		0.538043
Durbin-Watson stat	0.857393	Prob(F-statistic)		0.470990

Dependent Variable: LPN
 Method: Least Squares
 Date: 10/17/05 Time: 18:25
 Sample: 1980 2003
 Included observations: 24

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	4.618746	0.394713	11.70153	0.0000
LNT	-0.095187	0.050645	-1.879494	0.0735
R-squared	0.138353	Mean dependent var		3.881875
Adjusted R-squared	0.099187	S.D. dependent var		0.235892
S.E. of regression	0.223887	Akaike info criterion		-0.075691
Sum squared resid	1.102763	Schwarz criterion		0.022480
Log likelihood	2.908291	F-statistic		3.532499
Durbin-Watson stat	0.948115	Prob(F-statistic)		0.073488

Dependent Variable: LPN
 Method: Least Squares
 Date: 10/17/05 Time: 18:25
 Sample: 1980 2003
 Included observations: 24

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3.855988	0.061170	63.03696	0.0000
RRILL	0.005511	0.007882	0.699241	0.4917
R-squared	0.021741	Mean dependent var		3.881875
Adjusted R-squared	-0.022725	S.D. dependent var		0.235892
S.E. of regression	0.238557	Akaike info criterion		0.051238
Sum squared resid	1.252007	Schwarz criterion		0.149409
Log likelihood	1.385149	F-statistic		0.488938
Durbin-Watson stat	0.843553	Prob(F-statistic)		0.491729

Dependent Variable: LPN
 Method: Least Squares
 Date: 10/17/05 Time: 18:26
 Sample: 1980 2003
 Included observations: 24

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3.949524	0.048988	80.62239	0.0000
DM	-0.270598	0.097976	-2.761882	0.0114
R-squared	0.257459	Mean dependent var	3.881875	
Adjusted R-squared	0.223707	S.D. dependent var	0.235892	
S.E. of regression	0.207838	Akaike info criterion	-0.224458	
Sum squared resid	0.950328	Schwarz criterion	-0.126287	
Log likelihood	4.693502	F-statistic	7.627994	
Durbin-Watson stat	1.024110	Prob(F-statistic)	0.011377	

Dependent Variable: LQKI
 Method: Least Squares
 Date: 10/17/05 Time: 18:27
 Sample: 1980 2003
 Included observations: 24

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	5.358926	0.184344	29.07023	0.0000
LNT	0.237640	0.023653	10.04700	0.0000
R-squared	0.821054	Mean dependent var	7.198574	
Adjusted R-squared	0.812920	S.D. dependent var	0.241749	
S.E. of regression	0.104563	Akaike info criterion	-1.598400	
Sum squared resid	0.240535	Schwarz criterion	-1.500229	
Log likelihood	21.18080	F-statistic	100.9422	
Durbin-Watson stat	0.721380	Prob(F-statistic)	0.000000	

Dependent Variable: LQKI
 Method: Least Squares
 Date: 10/17/05 Time: 18:28
 Sample: 1980 2003
 Included observations: 24

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	7.234773	0.062086	116.5285	0.0000
RRILL	-0.007707	0.008000	-0.963368	0.3458
R-squared	0.040478	Mean dependent var	7.198574	
Adjusted R-squared	-0.003137	S.D. dependent var	0.241749	
S.E. of regression	0.242128	Akaike info criterion	0.080952	
Sum squared resid	1.289767	Schwarz criterion	0.179123	
Log likelihood	1.028579	F-statistic	0.928077	
Durbin-Watson stat	0.170243	Prob(F-statistic)	0.345833	

Dependent Variable: LQKI
 Method: Least Squares
 Date: 10/17/05 Time: 18:28
 Sample: 1980 2003
 Included observations: 24

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	7.097903	0.039392	180.1878	0.0000
DM	0.402686	0.078783	5.111302	0.0000
R-squared	0.542861	Mean dependent var	7.198574	
Adjusted R-squared	0.522082	S.D. dependent var	0.241749	
S.E. of regression	0.167125	Akaike info criterion	-0.660496	
Sum squared resid	0.614476	Schwarz criterion	-0.562325	
Log likelihood	9.925955	F-statistic	26.12541	
Durbin-Watson stat	0.391847	Prob(F-statistic)	0.000040	

Dependent Variable: LNT
 Method: Least Squares
 Date: 10/17/05 Time: 18:29
 Sample: 1980 2003
 Included observations: 24

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	7.838188	0.239255	32.76085	0.0000
RRILL	-0.020620	0.030828	-0.668873	0.5105
R-squared	0.019931	Mean dependent var	7.741335	
Adjusted R-squared	-0.024618	S.D. dependent var	0.921788	
S.E. of regression	0.933065	Akaike info criterion	2.778972	
Sum squared resid	19.15344	Schwarz criterion	2.877143	
Log likelihood	-31.34767	F-statistic	0.447391	
Durbin-Watson stat	0.095445	Prob(F-statistic)	0.510535	

Dependent Variable: LNT
 Method: Least Squares
 Date: 10/17/05 Time: 18:29
 Sample: 1980 2003
 Included observations: 24

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	7.298331	0.116913	62.42530	0.0000
DM	1.772014	0.233826	7.578343	0.0000
R-squared	0.723031	Mean dependent var	7.741335	
Adjusted R-squared	0.710442	S.D. dependent var	0.921788	
S.E. of regression	0.496020	Akaike info criterion	1.515254	
Sum squared resid	5.412788	Schwarz criterion	1.613425	
Log likelihood	-16.18305	F-statistic	57.43129	
Durbin-Watson stat	0.481862	Prob(F-statistic)	0.000000	

Dependent Variable: RRILL
 Method: Least Squares
 Date: 10/17/05 Time: 18:30
 Sample: 1980 2003
 Included observations: 24

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	5.685000	1.461473	3.889912	0.0008
DM	-3.951667	2.922945	-1.351947	0.1901
R-squared	0.076707	Mean dependent var	4.697083	
Adjusted R-squared	0.034739	S.D. dependent var	6.311093	
S.E. of regression	6.200503	Akaike info criterion	6.566793	
Sum squared resid	845.8172	Schwarz criterion	6.664964	
Log likelihood	-76.80152	F-statistic	1.827761	
Durbin-Watson stat	2.521812	Prob(F-statistic)	0.190129	

LAMPIRAN 6. UJI MWD

Dependent Variable: VEK
 Method: Least Squares
 Date: 10/17/05 Time: 16:57
 Sample: 1980 2003
 Included observations: 24

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	525.8882	113.2821	4.642290	0.0002
PN	1.367149	1.729720	0.790387	0.4402
QKI	0.519408	0.114190	4.548622	0.0003
NT	-0.048436	0.028955	-1.672822	0.1127
RRILL	2.461467	2.928241	0.840596	0.4122
DM	406.5288	173.3557	2.345056	0.0314
Z1	-2069.484	484.8782	-4.268050	0.0005
R-squared	0.904679	Mean dependent var	1245.875	
Adjusted R-squared	0.871036	S.D. dependent var	223.4260	
S.E. of regression	80.23575	Akaike info criterion	11.84631	
Sum squared resid	109442.2	Schwarz criterion	12.18991	
Log likelihood	-135.1557	F-statistic	26.89072	
Durbin-Watson stat	1.865021	Prob(F-statistic)	0.000000	

Dependent Variable: LVEK
 Method: Least Squares
 Date: 10/17/05 Time: 16:57
 Sample: 1980 2003
 Included observations: 24

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.470250	1.123808	0.418444	0.6809
LPN	-0.013927	0.068982	-0.201895	0.8424
LQKI	1.435417	0.359357	3.994407	0.0009
LNT	-0.492660	0.193655	-2.544015	0.0210
RRILL	0.007601	0.003235	2.349630	0.0311
DM	0.597007	0.210376	2.837815	0.0114
Z2	0.003987	0.001181	3.376796	0.0036
R-squared	0.928848	Mean dependent var	7.111774	
Adjusted R-squared	0.903735	S.D. dependent var	0.183236	
S.E. of regression	0.056852	Akaike info criterion	-2.658245	
Sum squared resid	0.054946	Schwarz criterion	-2.314646	
Log likelihood	38.89894	F-statistic	36.98750	
Durbin-Watson stat	2.355244	Prob(F-statistic)	0.000000	

REVISI SKRIPSI

NO.	NO. MHS/JUR	NAMA MAHASISWA	TGL. PDDR.	DOSEN PENGUJI	ACC REVISI	
					TANGGAL	TD. TANGAN
	11622	Teguh Iman Utama	12. 11. 05	Dis AM. Soedjono, MS Ds. D. Sriyono, MSi AM. Rini Setyastuti SE, MSi	15-11-05	
					15-11-05	
					15-11-05	

Hal yang perlu direvisi:

Konstanra perlu diinterpretasikan
