BAB V

KESIMPULAN DAN SARAN

5.1. Kesimpulan

Berdasarkan hasil pengujian hipotesis dapat disimpulkan bahwa dari hasil analisisis regresi diperoleh nilai dari R^2 sebesar 0.669740, berarti penyebaran data yang dimiliki mampu menjelaskan model dibangun sebesar 66,97%, dan sisanya yakni sebesar 33,03% diterangkan di luar model dari penelitian ini. Dengan demikian variabel-variabel independen dalam penelitian ini yang meliputi modal usaha, jumlah tenaga kerja, jarak tempuh melaut dan lama melaut, lama usaha dan jenis kapal mampu menjelasakan variabel dependennya yaitu pendapatan pengusaha.

Hasil analisis dari uji F menyatakan bahwa Ho ditolak atau H1 diterima yakni bahwa variabel independen (modal usaha, jumlah tenaga kerja, jarak tempuh melaut dan lama melaut, lama usaha dan jenis kapal) secara keseluruhan mempunyai pengaruh yang signifikan terhadap variabel dependen (tingkat pendapatan pengusaha perikanan tangkap di Kota Bitung).

Berdasarkan hasil uji t diketahui bahwa jumlah tenaga kerja, jarak tempuh melaut, lama usaha dan jenis kapal mempunyai pengaruh positif signifikan terhadap tingkat pendapatan pengusaha perikanan tangkap di Kota Bitung. Hal ini menunjukkan bahwa jika jumlah tenaga kerja, jarak tempuh melaut, lama usaha dan jenis kapal meningkat maka ada kecenderungan pendapatan pengusaha akan meningkat (ceteris paribus).

5.2. Saran

1. Bagi Nelayan

Hasil penelitian ini memberikan bukti bahwa peranan jumlah tenaga kerja, jarak tempuh melaut dan jenis kapal dapat mempengaruhi tingkat pendapatan pengusaha perikanan tangkap. Dengan demikian diharapkan dalam dasar penentuan strategi peningkatkan pendapatan pengusaha perikanan tangkap produksi dengan memperhatikan jumlah tenaga kerja, jarak tempuh melaut dan jenis kapal.

2. Bagi Peneliti selanjutnya

Bagi peneliti selanjutnya yang tertarik mengenai faktor-faktor yang mempengaruhi tingkat pendapatan pengusaha perikanan tangkap perhitungannya diharapkan dapat menambahkan variabel yang lain sehingga faktor-faktor yang mempengaruhi tingkat pendapatan pengusaha perikanan tangkap semakin terjelaskan.

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LAMPIRAN

Lampiran 1. Data Penelitian

No.	Pendapatan bersih (Juta rupiah)	Modal Kerja (Juta rupiah)	tenaga kerja (Orang)	Jarak tempuh (Mil)	Lama melaut (Hari)	Lama usaha (Tahun)	Jenis kapal (Gross ton)
1	25	5	8	80	11	8	9
2	20	4	7	90	9	8	7
3	21	5	6	90	11	10	9
4	26	5	8	110	12	14	9
5	27	5	10	120	13	12	9
6	25	5	8	100	12	8	9
7	26	5	7	100	11	11	9
8	27	6	9	120	12	8	10
9	28	7	10	120	13	12	11
10	22	5	9	100	12	10	9
11	19	4	8	95	12	9	7
12	23	5	7	100	12	10	9
13	24	5	8	100	12	8	9
14	25	5	7	120	13	8	9
15	26	5	8	100	12	8	9
16	27	5	10	110	10	11	9
17	20	5	8	90	11	10	9
18	21	4	7	95	12	10	9
19	22	5	8	100	12	10	9
20	23	5	8	100	12	6	9
21	24	5	8	100	12	10	9
22	25	5	8	110	12	9	9
23	29	8	11	150	14	14	12
24	25	5	8	90	11	10	9
25	28	5	10	130	12	13	9
26	22	5	8	105	12	9	9
27	23	5	8	100	12	7	9
28	24	5	8	100	12	8	9
29	24	5	8	100	12	10	9
30	26	5	6	120	13	9	9
31	27	4	9	95	11	10	9
32	28	7	9	110	13	10	10
33	11	4	5	75	7	5	5
34	15	4	7	90	9	4	7
35	16	4	6	90	10	10	8
36	27	6	9	140	12	9	11
37	20	4	7	80	11	10	7

No.	Pendapatan bersih (Juta rupiah)	Modal Kerja (Juta rupiah)	tenaga kerja (orang)	Jarak tempuh (mil)	Lama melaut (hari)	Lama usaha (tahun)	Jenis kapal (Gross ton)
38	17	5	7	90	11	6	9
39	18	4	7	80	8	8	7
40	21	5	6	90	10	10	9
41	22	5	9	100	12	10	9
42	23	5	8	90	11	10	9
43	21	6	7	100	12	11	10
44	21	5	7	90	11	5	9
45	27	5	8	110	12	12	9
46	25	5	6	100	12	10	9
47	21	5	8	90	11	10	9
48	22	6	8	100	12	12	11
49	24	5	8	100	12	10	9
50	26	5	8	120	13	7	9
51	24	5	9	100	12	8	9
52	24	5	8	100	12	10	9
53	22	5	8	105	12	11	9
54	23	5	8	90	10	7	9
55	24	5	8	100	12	8	9
56	25	5	8	100	12	10	9
57	16	4	6	80	10	9	8
58	27	5	9	120	12	13	9
59	15	4	7	80	8	3	6
60	20	4	7	90	11	8	7
61	21	4	7	100	12	7	9
62	22	5	7	90	10	12	9
63	22	4	8	90	11	9	9
64	21	4	7	90	10	10	8
65	23	5	9	110	12	10	9
66	25	5	7	100	12	10	9
67	24	5	8	100	12	10	9
68	24	5	8	100	12	7	9
69	25	5	8	100	12	8	9
70	26	5	7	100	12	11	9
71	24	5	8	100	12	10	9
72	25	5	8	100	12	10	9
73	25	5	8	100	12	10	9
74	26	5	8	110	12	8	9

No.	Pendapatan bersih (Juta rupiah)	Modal Kerja (Juta rupiah)	tenaga kerja (orang)	Jarak tempuh (mil)	Lama melaut (hari)	Lama usaha (tahun)	Jenis kapal (Gross ton)
75	22	5	8	100	12	13	9
76	23	5	8	100	12	10	9
77	24	5	8	100	12	7	9
78	24	5	8	110	12	10	9
79	25	5	8	100	12	10	9
80	23	5	8	100	12	8	9

Lampiran 2. Uji MWD

Dependent Variable: Y
Method: Least Squares
Date: 07/03/12   Time: 17:16
Sample: 1 80
Included observations: 80

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-4.903496	2.258568	-2.171064	0.0332
X1	-0.385176	0.613668	-0.627662	0.5322
X2	0.737255	0.281083	2.622912	0.0106
X3	0.059384	0.027700	2.143830	0.0354
X4	0.821690	0.299535	2.743217	0.0076
X5	0.170983	0.120563	1.418208	0.1604
X6	0.805861	0.485054	1.661385	0.1009
R-squared	0.701659	Mean dependent var		23.16250
Adjusted R-squared	0.677138	S.D. dependent var		3.316410
S.E. of regression	1.884416	Akaike info criterion		4.188546
Sum squared resid	259.2247	Schwarz criterion		4.396973
Log likelihood	-160.5418	F-statistic		28.61441
Durbin-Watson stat	1.677925	Prob(F-statistic)		0.000000

Dependent Variable: LOG(Y)
Method: Least Squares
Date: 07/03/12   Time: 17:19
Sample: 1 80
Included observations: 80

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.428105	0.419535	-1.020429	0.3109
LOG(X1)	-0.060796	0.140001	-0.434251	0.6654
LOG(X2)	0.272582	0.096376	2.828332	0.0060
LOG(X3)	0.247984	0.131253	1.889364	0.0628
LOG(X4)	0.395161	0.152538	2.590574	0.0116
LOG(X5)	0.082114	0.045286	1.813250	0.0739
LOG(X6)	0.372219	0.182444	2.040184	0.0450
R-squared	0.741906	Mean dependent var		3.130654
Adjusted R-squared	0.720693	S.D. dependent var		0.162382
S.E. of regression	0.085818	Akaike info criterion		-1.989742
Sum squared resid	0.537626	Schwarz criterion		-1.781315
Log likelihood	86.58969	F-statistic		34.97378
Durbin-Watson stat	1.712614	Prob(F-statistic)		0.000000

Dependent Variable: Y
Method: Least Squares
Date: 07/03/12   Time: 17:23
Sample: 1 80
Included observations: 80

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-6.853810	5.315265	-1.289458	0.2014
X1	-0.267308	0.682120	-0.391878	0.6963
X2	0.804766	0.328011	2.453472	0.0166
X3	0.055074	0.029816	1.847101	0.0688
X4	0.807874	0.303181	2.664663	0.0095
X5	0.210328	0.155246	1.354802	0.1797
X6	0.916813	0.559227	1.639430	0.1055
Z1	19.88036	48.98344	0.405859	0.6860
R-squared	0.702340	Mean dependent var		23.16250
Adjusted R-squared	0.673401	S.D. dependent var		3.316410
S.E. of regression	1.895290	Akaike info criterion		4.211261
Sum squared resid	258.6330	Schwarz criterion		4.449463
Log likelihood	-160.4504	F-statistic		24.26953
Durbin-Watson stat	1.667973	Prob(F-statistic)		0.000000

Dependent Variable: LOG(Y)
Method: Least Squares
Date: 07/03/12   Time: 17:24
Sample: 1 80
Included observations: 80

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-1.037660	0.430806	-2.408647	0.0186
LOG(X1)	0.277158	0.164108	1.688872	0.0956
LOG(X2)	0.433574	0.101670	4.264530	0.0001
LOG(X3)	0.212459	0.123071	1.726319	0.0886
LOG(X4)	0.189161	0.154791	1.222041	0.2257
LOG(X5)	0.179767	0.051091	3.518602	0.0008
LOG(X6)	0.453512	0.172116	2.634922	0.0103
Z2	-0.249051	0.073035	-3.410007	0.0011
R-squared	0.777793	Mean dependent var		3.130654
Adjusted R-squared	0.756189	S.D. dependent var		0.162382
S.E. of regression	0.080180	Akaike info criterion		-2.114456
Sum squared resid	0.462871	Schwarz criterion		-1.876254
Log likelihood	92.57825	F-statistic		36.00315
Durbin-Watson stat	1.642683	Prob(F-statistic)		0.000000

Lampiran 3. Uji Multikolinearitas

Dependent Variable: X1
Method: Least Squares
Date: 07/03/12   Time: 17:38
Sample: 1 80
Included observations: 80

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.492127	0.424001	-1.160674	0.2495
X2	0.057466	0.052825	1.087860	0.2802
X3	0.010965	0.005090	2.154160	0.0345
X4	-0.064576	0.056242	-1.148170	0.2546
X5	-0.013895	0.022781	-0.609952	0.5438
X6	0.535882	0.067543	7.933963	0.0000

R-squared	0.745128	Mean dependent var		4.943750
Adjusted R-squared	0.727907	S.D. dependent var		0.684335
S.E. of regression	0.356967	Akaike info criterion		0.849690
Sum squared resid	9.429466	Schwarz criterion		1.028342
Log likelihood	-27.98760	F-statistic		43.26837
Durbin-Watson stat	2.038213	Prob(F-statistic)		0.000000

Dependent Variable: X2
Method: Least Squares
Date: 07/03/12   Time: 17:39
Sample: 1 80
Included observations: 80

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.854565	0.908858	2.040544	0.0449
X1	0.273912	0.251790	1.087860	0.2802
X3	0.033758	0.010763	3.136488	0.0025
X4	0.010168	0.123873	0.082081	0.9348
X5	0.044580	0.049591	0.898941	0.3716
X6	0.078764	0.200395	0.393043	0.6954

R-squared	0.457754	Mean dependent var		7.837500
Adjusted R-squared	0.421116	S.D. dependent var		1.024309
S.E. of regression	0.779340	Akaike info criterion		2.411299
Sum squared resid	44.94539	Schwarz criterion		2.589951
Log likelihood	-90.45194	F-statistic		12.49390
Durbin-Watson stat	2.283791	Prob(F-statistic)		0.000000

Dependent Variable: X3
Method: Least Squares
Date: 07/03/12   Time: 17:39
Sample: 1 80
Included observations: 80

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.440583	9.478254	-0.046484	0.9631
X1	5.381530	2.498203	2.154160	0.0345
X2	3.475969	1.108236	3.136488	0.0025
X4	4.371389	1.149748	3.802042	0.0003
X5	0.365096	0.504175	0.724145	0.4713
X6	-0.739949	2.033777	-0.363830	0.7170
R-squared	0.641765	Mean dependent var		100.6250
Adjusted R-squared	0.617560	S.D. dependent var		12.78783
S.E. of regression	7.908212	Akaike info criterion		7.045719
Sum squared resid	4627.947	Schwarz criterion		7.224371
Log likelihood	-275.8288	F-statistic		26.51368
Durbin-Watson stat	2.162980	Prob(F-statistic)		0.000000

Dependent Variable: X4
Method: Least Squares
Date: 07/03/12   Time: 17:39
Sample: 1 80
Included observations: 80

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	2.696740	0.818559	3.294495	0.0015
X1	-0.271045	0.236067	-1.148170	0.2546
X3	0.037384	0.009833	3.802042	0.0003
X2	0.008953	0.109081	0.082081	0.9348
X5	0.012603	0.046767	0.269482	0.7883
X6	0.700704	0.169711	4.128817	0.0001
R-squared	0.633364	Mean dependent var		11.52500
Adjusted R-squared	0.608591	S.D. dependent var		1.168955
S.E. of regression	0.731330	Akaike info criterion		2.284134
Sum squared resid	39.57841	Schwarz criterion		2.462786
Log likelihood	-85.36536	F-statistic		25.56696
Durbin-Watson stat	1.686342	Prob(F-statistic)		0.000000

Dependent Variable: X5
Method: Least Squares
Date: 07/03/12   Time: 17:40
Sample: 1 80
Included observations: 80

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-1.429974	2.171375	-0.658557	0.5122
X1	-0.360007	0.590221	-0.609952	0.5438
X3	0.019273	0.026615	0.724145	0.4713
X4	0.077792	0.288672	0.269482	0.7883
X2	0.242313	0.269554	0.898941	0.3716
X6	0.878845	0.456398	1.925611	0.0580

R-squared	0.271937	Mean dependent var		9.325000
Adjusted R-squared	0.222743	S.D. dependent var		2.060939
S.E. of regression	1.816968	Akaike info criterion		4.104254
Sum squared resid	244.3017	Schwarz criterion		4.282906
Log likelihood	-158.1702	F-statistic		5.527898
Durbin-Watson stat	2.413005	Prob(F-statistic)		0.000222

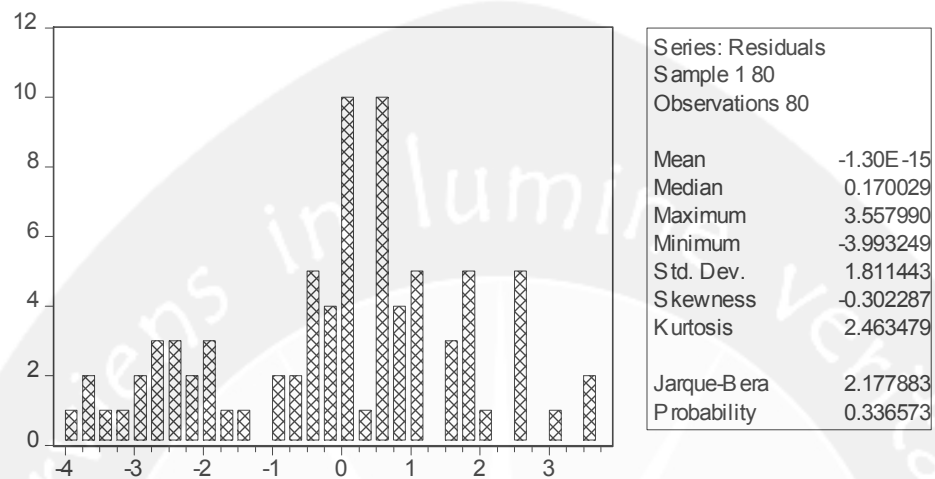Dependent Variable: X6
Method: Least Squares
Date: 07/03/12   Time: 17:40
Sample: 1 80
Included observations: 80

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.084192	0.526409	2.059600	0.0430
X1	0.857741	0.108110	7.933963	0.0000
X3	-0.002413	0.006633	-0.363830	0.7170
X4	0.267209	0.064718	4.128817	0.0001
X5	0.054295	0.028196	1.925611	0.0580
X2	0.026449	0.067294	0.393043	0.6954

R-squared	0.798088	Mean dependent var		8.875000
Adjusted R-squared	0.784445	S.D. dependent var		0.972729
S.E. of regression	0.451618	Akaike info criterion		1.320078
Sum squared resid	15.09294	Schwarz criterion		1.498730
Log likelihood	-46.80311	F-statistic		58.49916
Durbin-Watson stat	2.015440	Prob(F-statistic)		0.000000

Lampiran 4. Uji Normalitas

Series: Residuals	
Sample 1 80	
Observations 80	
Mean	-1.30E-15
Median	0.170029
Maximum	3.557990
Minimum	-3.993249
Std. Dev.	1.811443
Skewness	-0.302287
Kurtosis	2.463479
Jarque-Bera	2.177883
Probability	0.336573

Lampiran 5. Uji Autokorelasi

Breusch-Godfrey Serial Correlation LM Test:

F-statistic	0.936481	Probability	0.396792
Obs*R-squared	2.056139	Probability	0.357697

Test Equation:
Dependent Variable: RESID
Method: Least Squares
Date: 07/03/12   Time: 18:09

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.174218	2.264130	0.076947	0.9389
X1	-0.085539	0.629677	-0.135846	0.8923
X2	-0.015024	0.281892	-0.053298	0.9576
X3	-0.004133	0.028237	-0.146376	0.8840
X4	-0.008804	0.299873	-0.029360	0.9767
X5	-0.003283	0.121688	-0.026980	0.9786
X6	0.102848	0.493223	0.208522	0.8354
RESID(-1)	0.155597	0.121880	1.276643	0.2059
RESID(-2)	-0.079646	0.122423	-0.650583	0.5174

R-squared	0.025702	Mean dependent var	-1.75E-15
Adjusted R-squared	-0.084078	S.D. dependent var	1.811443
S.E. of regression	1.886058	Akaike info criterion	4.212508
Sum squared resid	252.5622	Schwarz criterion	4.480486
Log likelihood	-159.5003	F-statistic	0.234120
Durbin-Watson stat	1.970261	Prob(F-statistic)	0.983204

Lampiran 6. Uji Heteroskedastisitas

White Heteroskedasticity Test:

F-statistic	1.048364	Probability	0.430253
Obs*R-squared	28.19804	Probability	0.400818

Test Equation:
Dependent Variable: RESID^2
Method: Least Squares
Date: 10/15/12   Time: 10:14
Sample: 1 80
Included observations: 80

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-42.01882	71.36773	-0.588765	0.5586
X1	-53.10153	22.02386	-2.411091	0.0195
X1^2	-1.635580	2.248678	-0.727352	0.4703
X1*X2	0.096347	2.411269	0.039957	0.9683
X1*X3	0.342462	0.331486	1.033110	0.3063
X1*X4	0.778487	4.013868	0.193949	0.8470
X1*X5	-0.257550	1.558020	-0.165306	0.8693
X1*X6	2.891629	6.430336	0.449685	0.6548
X2	-5.406499	10.57266	-0.511366	0.6113
X2^2	0.954402	0.679729	1.404093	0.1662
X2*X3	-0.168771	0.114818	-1.469896	0.1476
X2*X4	1.007041	1.127693	0.893010	0.3760
X2*X5	0.073982	0.773723	0.095618	0.9242
X2*X6	-0.652774	2.498190	-0.261299	0.7949
X3	2.491940	1.375098	1.812191	0.0757
X3^2	0.012900	0.008105	1.591690	0.1175
X3*X4	-0.242524	0.169251	-1.432925	0.1579
X3*X5	0.006409	0.049395	0.129742	0.8973
X3*X6	-0.315720	0.233084	-1.354535	0.1814
X4	-2.127329	13.25339	-0.160512	0.8731
X4^2	0.783892	1.384771	0.566081	0.5738
X4*X5	0.321637	0.519888	0.618666	0.5388
X4*X6	-0.754666	2.521477	-0.299295	0.7659
X5	-4.794578	5.158711	-0.929414	0.3570
X5^2	0.014871	0.140204	0.106064	0.9159
X5*X6	0.106278	1.131801	0.093902	0.9255
X6	24.95700	16.38496	1.523165	0.1338
X6^2	0.391300	3.622774	0.108011	0.9144

R-squared	0.352475	Mean dependent var	3.240309
Adjusted R-squared	0.016261	S.D. dependent var	3.944675
S.E. of regression	3.912472	Akaike info criterion	5.835433
Sum squared resid	795.9865	Schwarz criterion	6.669142
Log likelihood	-205.4173	F-statistic	1.048364
Durbin-Watson stat	2.167031	Prob(F-statistic)	0.430253

Lampiran 7. Uji Hipotesis

Dependent Variable: DY
Method: Least Squares
Date: 10/15/12   Time: 10:25
Sample(adjusted): 2 80
Included observations: 79 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.047246	0.269893	-0.175055	0.8615
DX1	-0.558853	0.558836	-1.000030	0.3206
DX2	0.682443	0.239162	2.853472	0.0056
DX3	0.062671	0.024206	2.589100	0.0116
DX4	0.479020	0.300583	1.593638	0.1154
DX5	0.222573	0.100933	2.205171	0.0306
DX6	0.871805	0.449153	1.940999	0.0562

R-squared	0.669740	Mean dependent var	-0.025316
Adjusted R-squared	0.642219	S.D. dependent var	4.009523
S.E. of regression	2.398289	Akaike info criterion	4.671822
Sum squared resid	414.1291	Schwarz criterion	4.881773
Log likelihood	-177.5370	F-statistic	24.33503
Durbin-Watson stat	2.659228	Prob(F-statistic)	0.000000

Lampiran 8. Tabel Distribusi F 5%

DF	K (jumlah variabel independen)									
	1	2	3	4	5	6	7	8	9	10
51	4.03	3.18	2.79	2.55	2.40	2.28	2.20	2.13	2.07	2.02
52	4.03	3.18	2.78	2.55	2.39	2.28	2.19	2.12	2.07	2.02
53	4.02	3.17	2.78	2.55	2.39	2.28	2.19	2.12	2.06	2.01
54	4.02	3.17	2.78	2.54	2.39	2.27	2.18	2.12	2.06	2.01
55	4.02	3.16	2.77	2.54	2.38	2.27	2.18	2.11	2.06	2.01
56	4.01	3.16	2.77	2.54	2.38	2.27	2.18	2.11	2.05	2.00
57	4.01	3.16	2.77	2.53	2.38	2.26	2.18	2.11	2.05	2.00
58	4.01	3.16	2.76	2.53	2.37	2.26	2.17	2.10	2.05	2.00
59	4.00	3.15	2.76	2.53	2.37	2.26	2.17	2.10	2.04	2.00
60	4.00	3.15	2.76	2.53	2.37	2.25	2.17	2.10	2.04	1.99
61	4.00	3.15	2.76	2.52	2.37	2.25	2.16	2.09	2.04	1.99
62	4.00	3.15	2.75	2.52	2.36	2.25	2.16	2.09	2.03	1.99
63	3.99	3.14	2.75	2.52	2.36	2.25	2.16	2.09	2.03	1.98
64	3.99	3.14	2.75	2.52	2.36	2.24	2.16	2.09	2.03	1.98
65	3.99	3.14	2.75	2.51	2.36	2.24	2.15	2.08	2.03	1.98
66	3.99	3.14	2.74	2.51	2.35	2.24	2.15	2.08	2.03	1.98
67	3.98	3.13	2.74	2.51	2.35	2.24	2.15	2.08	2.02	1.98
68	3.98	3.13	2.74	2.51	2.35	2.24	2.15	2.08	2.02	1.97
69	3.98	3.13	2.74	2.50	2.35	2.23	2.15	2.08	2.02	1.97
70	3.98	3.13	2.74	2.50	2.35	2.23	2.14	2.07	2.02	1.97
71	3.98	3.13	2.73	2.50	2.34	2.23	2.14	2.07	2.01	1.97
72	3.97	3.12	2.73	2.50	2.34	2.23	2.14	2.07	2.01	1.96
73	3.97	3.12	2.73	2.50	2.34	2.23	2.14	2.07	2.01	1.96
74	3.97	3.12	2.73	2.50	2.34	2.22	2.14	2.07	2.01	1.96
75	3.97	3.12	2.73	2.49	2.34	2.22	2.13	2.06	2.01	1.96
76	3.97	3.12	2.72	2.49	2.33	2.22	2.13	2.06	2.01	1.96
77	3.97	3.12	2.72	2.49	2.33	2.22	2.13	2.06	2.00	1.96
78	3.96	3.11	2.72	2.49	2.33	2.22	2.13	2.06	2.00	1.95
79	3.96	3.11	2.72	2.49	2.33	2.22	2.13	2.06	2.00	1.95
80	3.96	3.11	2.72	2.49	2.33	2.21	2.13	2.06	2.00	1.95

Lampiran 9. Tabel Distribusi t 5% 1 sisi

DF	5% (1 sisi)	5% (2 sisi)	DF	5% (1 sisi)	5% (2 sisi)	DF	5% (1 sisi)	5% (2 sisi)	DF	5% (1 sisi)	5% (2 sisi)
1	6.314	12.706	51	1.675	2.008	101	1.660	1.984	151	1.655	1.976
2	2.920	4.303	52	1.675	2.007	102	1.660	1.983	152	1.655	1.976
3	2.353	3.182	53	1.674	2.006	103	1.660	1.983	153	1.655	1.976
4	2.132	2.776	54	1.674	2.005	104	1.660	1.983	154	1.655	1.975
5	2.015	2.571	55	1.673	2.004	105	1.659	1.983	155	1.655	1.975
6	1.943	2.447	56	1.673	2.003	106	1.659	1.983	156	1.655	1.975
7	1.895	2.365	57	1.672	2.002	107	1.659	1.982	157	1.655	1.975
8	1.860	2.306	58	1.672	2.002	108	1.659	1.982	158	1.655	1.975
9	1.833	2.262	59	1.671	2.001	109	1.659	1.982	159	1.654	1.975
10	1.812	2.228	60	1.671	2.000	110	1.659	1.982	160	1.654	1.975
11	1.796	2.201	61	1.670	2.000	111	1.659	1.982	161	1.654	1.975
12	1.782	2.179	62	1.670	1.999	112	1.659	1.981	162	1.654	1.975
13	1.771	2.160	63	1.669	1.998	113	1.658	1.981	163	1.654	1.975
14	1.761	2.145	64	1.669	1.998	114	1.658	1.981	164	1.654	1.975
15	1.753	2.131	65	1.669	1.997	115	1.658	1.981	165	1.654	1.974
16	1.746	2.120	66	1.668	1.997	116	1.658	1.981	166	1.654	1.974
17	1.740	2.110	67	1.668	1.996	117	1.658	1.980	167	1.654	1.974
18	1.734	2.101	68	1.668	1.995	118	1.658	1.980	168	1.654	1.974
19	1.729	2.093	69	1.667	1.995	119	1.658	1.980	169	1.654	1.974
20	1.725	2.086	70	1.667	1.994	120	1.658	1.980	170	1.654	1.974
21	1.721	2.080	71	1.667	1.994	121	1.658	1.980	171	1.654	1.974
22	1.717	2.074	72	1.666	1.993	122	1.657	1.980	172	1.654	1.974
23	1.714	2.069	73	1.666	1.993	123	1.657	1.979	173	1.654	1.974
24	1.711	2.064	74	1.666	1.993	124	1.657	1.979	174	1.654	1.974
25	1.708	2.060	75	1.665	1.992	125	1.657	1.979	175	1.654	1.974
26	1.706	2.056	76	1.665	1.992	126	1.657	1.979	176	1.654	1.974
27	1.703	2.052	77	1.665	1.991	127	1.657	1.979	177	1.654	1.973
28	1.701	2.048	78	1.665	1.991	128	1.657	1.979	178	1.653	1.973
29	1.699	2.045	79	1.664	1.990	129	1.657	1.979	179	1.653	1.973
30	1.697	2.042	80	1.664	1.990	130	1.657	1.978	180	1.653	1.973
31	1.696	2.040	81	1.664	1.990	131	1.657	1.978	181	1.653	1.973
32	1.694	2.037	82	1.664	1.989	132	1.656	1.978	182	1.653	1.973
33	1.692	2.035	83	1.663	1.989	133	1.656	1.978	183	1.653	1.973
34	1.691	2.032	84	1.663	1.989	134	1.656	1.978	184	1.653	1.973
35	1.690	2.030	85	1.663	1.988	135	1.656	1.978	185	1.653	1.973
36	1.688	2.028	86	1.663	1.988	136	1.656	1.978	186	1.653	1.973
37	1.687	2.026	87	1.663	1.988	137	1.656	1.977	187	1.653	1.973
38	1.686	2.024	88	1.662	1.987	138	1.656	1.977	188	1.653	1.973
39	1.685	2.023	89	1.662	1.987	139	1.656	1.977	189	1.653	1.973
40	1.684	2.021	90	1.662	1.987	140	1.656	1.977	190	1.653	1.973
41	1.683	2.020	91	1.662	1.986	141	1.656	1.977	191	1.653	1.972
42	1.682	2.018	92	1.662	1.986	142	1.656	1.977	192	1.653	1.972
43	1.681	2.017	93	1.661	1.986	143	1.656	1.977	193	1.653	1.972
44	1.680	2.015	94	1.661	1.986	144	1.656	1.977	194	1.653	1.972
45	1.679	2.014	95	1.661	1.985	145	1.655	1.976	195	1.653	1.972
46	1.679	2.013	96	1.661	1.985	146	1.655	1.976	196	1.653	1.972
47	1.678	2.012	97	1.661	1.985	147	1.655	1.976	197	1.653	1.972
48	1.677	2.011	98	1.661	1.984	148	1.655	1.976	198	1.653	1.972
49	1.677	2.010	99	1.660	1.984	149	1.655	1.976	199	1.653	1.972
50	1.676	2.009	100	1.660	1.984	150	1.655	1.976	200	1.653	1.972

Lampiran 10. Tabel Distribusi Chi Square (X^2) 5%

Df	5%	DF	5%	DF	5%	DF	5%
1	3.84	51	68.67	101	125.46	151	180.68
2	5.99	52	69.83	102	126.57	152	181.77
3	7.81	53	70.99	103	127.69	153	182.86
4	9.49	54	72.15	104	128.80	154	183.96
5	11.07	55	73.31	105	129.92	155	185.05
6	12.59	56	74.47	106	131.03	156	186.15
7	14.07	57	75.62	107	132.14	157	187.24
8	15.51	58	76.78	108	133.26	158	188.33
9	16.92	59	77.93	109	134.37	159	189.42
10	18.31	60	79.08	110	135.48	160	190.52
11	19.68	61	80.23	111	136.59	161	191.61
12	21.03	62	81.38	112	137.70	162	192.70
13	22.36	63	82.53	113	138.81	163	193.79
14	23.68	64	83.68	114	139.92	164	194.88
15	25.00	65	84.82	115	141.03	165	195.97
16	26.30	66	85.96	116	142.14	166	197.06
17	27.59	67	87.11	117	143.25	167	198.15
18	28.87	68	88.25	118	144.35	168	199.24
19	30.14	69	89.39	119	145.46	169	200.33
20	31.41	70	90.53	120	146.57	170	201.42
21	32.67	71	91.67	121	147.67	171	202.51
22	33.92	72	92.81	122	148.78	172	203.60
23	35.17	73	93.95	123	149.88	173	204.69
24	36.42	74	95.08	124	150.99	174	205.78
25	37.65	75	96.22	125	152.09	175	206.87
26	38.89	76	97.35	126	153.20	176	207.95
27	40.11	77	98.48	127	154.30	177	209.04
28	41.34	78	99.62	128	155.40	178	210.13
29	42.56	79	100.75	129	156.51	179	211.22
30	43.77	80	101.88	130	157.61	180	212.30
31	44.99	81	103.01	131	158.71	181	213.39
32	46.19	82	104.14	132	159.81	182	214.48
33	47.40	83	105.27	133	160.91	183	215.56
34	48.60	84	106.39	134	162.02	184	216.65
35	49.80	85	107.52	135	163.12	185	217.73
36	51.00	86	108.65	136	164.22	186	218.82
37	52.19	87	109.77	137	165.32	187	219.91
38	53.38	88	110.90	138	166.42	188	220.99
39	54.57	89	112.02	139	167.51	189	222.08
40	55.76	90	113.15	140	168.61	190	223.16
41	56.94	91	114.27	141	169.71	191	224.24
42	58.12	92	115.39	142	170.81	192	225.33
43	59.30	93	116.51	143	171.91	193	226.41
44	60.48	94	117.63	144	173.00	194	227.50
45	61.66	95	118.75	145	174.10	195	228.58
46	62.83	96	119.87	146	175.20	196	229.66
47	64.00	97	120.99	147	176.29	197	230.75
48	65.17	98	122.11	148	177.39	198	231.83
49	66.34	99	123.23	149	178.49	199	232.91
50	67.50	100	124.34	150	179.58	200	233.99