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LAMPIRAN



Lampiran. 1 Data penumpang turun tiap trayek di Pelabuhan Tengayu Tarakan tahun 2004-2017

TAHUN	PENUMPANG	PELABUHAN						
	TURUN (Org)	TANJUNG SELOR	PULAU BUNYU	SEBAKUNG	NUNUKAN	SUNGAI NYAMUK	MALINAU	TIDENGPALÉ
2004	128,149	49,906.05	18,014.87	5,453.15	15,190.91	6,621.68	25,366.88	7,595.46
2005	226,879	88,355.23	31,894.08	9,654.43	26,894.47	11,723.23	44,910.32	13,447.24
2006	258,015	100,480.77	36,271.11	10,979.36	30,585.36	13,332.08	51,073.64	15,292.68
2007	206,143	80,279.85	28,979.07	8,772.04	24,436.40	10,651.77	40,805.66	12,218.20
2008	230,267	89,674.65	32,370.36	9,798.60	27,296.09	11,898.29	45,580.97	13,648.04
2009	267,921	104,338.54	37,663.67	11,400.89	31,759.63	13,843.94	53,034.51	15,879.82
2010	302,774	117,911.61	42,563.21	12,884.00	35,891.14	15,644.86	59,933.61	17,945.57
2011	336,575	131,074.99	47,314.87	14,322.34	39,897.95	17,391.41	66,624.46	19,948.97
2012	402,953	156,925.09	56,646.13	17,146.94	47,766.47	20,821.28	79,763.87	23,883.23
2013	449,032	174,869.98	63,123.80	19,107.74	53,228.72	23,202.26	88,885.13	26,614.36
2014	415,084	161,649.35	58,351.47	17,663.15	49,204.49	21,448.11	82,165.18	24,602.24
2015	433,432	168,794.76	60,930.79	18,443.91	51,379.48	22,396.18	85,797.14	25,689.74
2016	460,068	179,167.82	64,675.21	19,577.36	54,536.94	23,772.51	91,069.69	27,268.47
2017	449,197	174,934.24	63,146.99	19,114.77	53,248.28	23,210.79	88,917.80	26,624.14

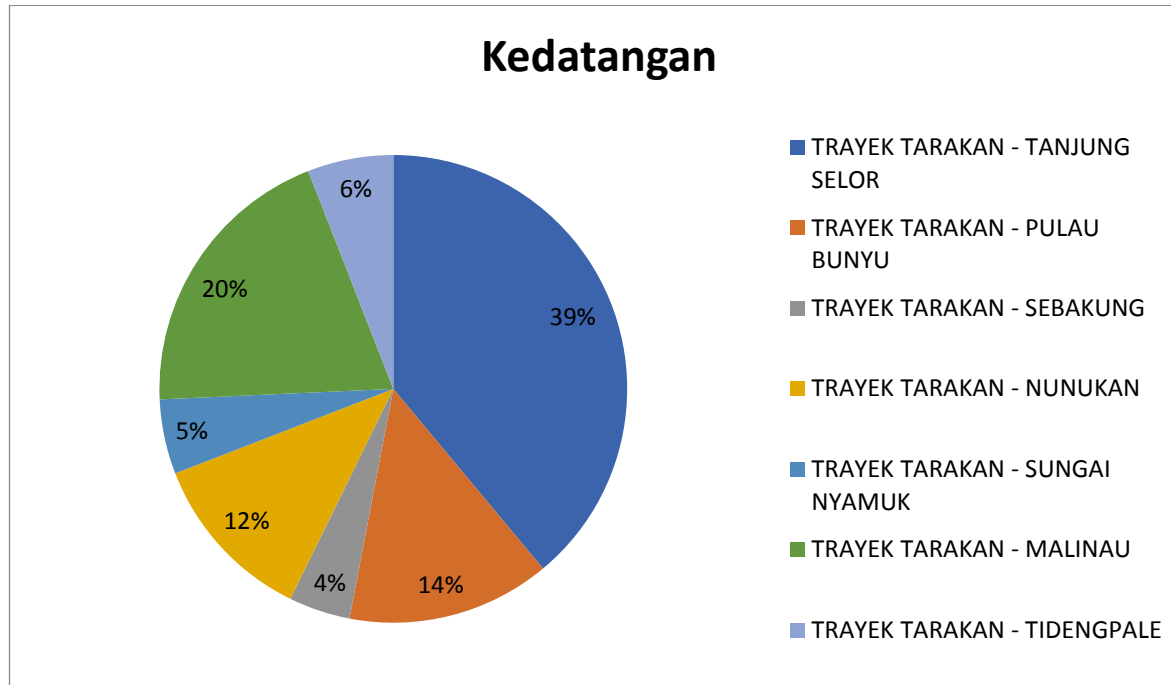


Lampiran. 2 Data penumpang naik tiap trayek di Pelabuhan Tengayu Tarakan tahun 2004-2017

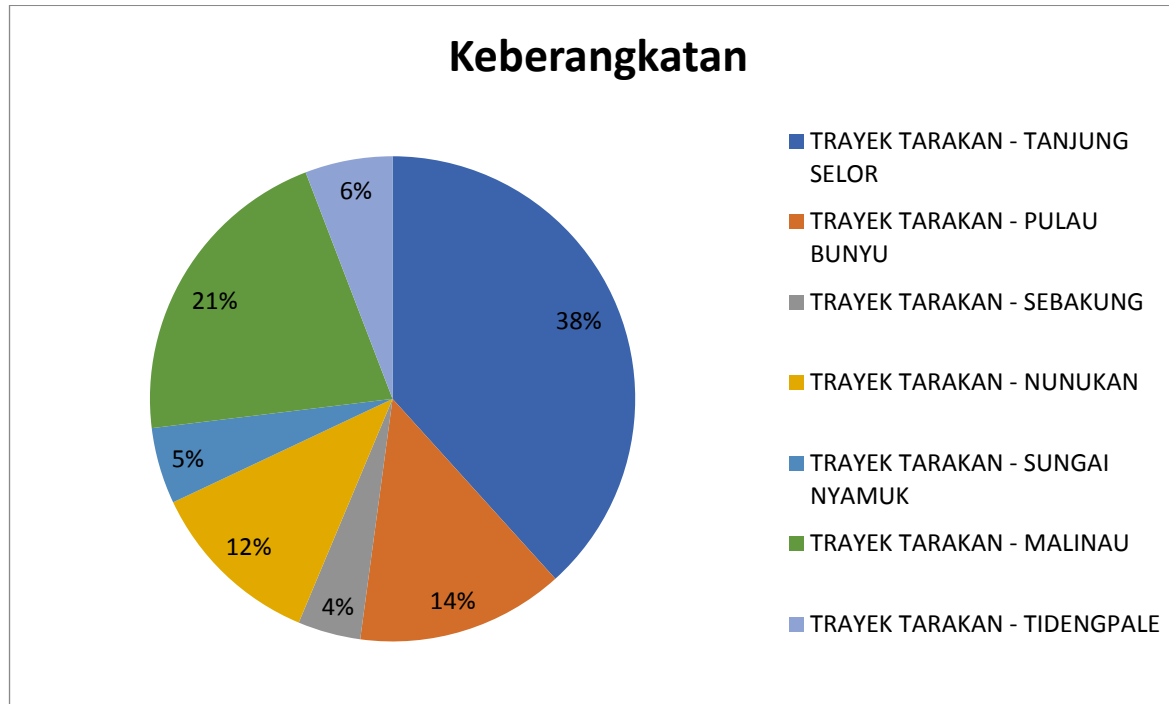
TAHUN	PENUMPANG	PELABUHAN						
	NAIK (Org)	TANJUNG SELOR	PULAU BUNYU	SEBAKUNG	NUNUKAN	SUNGAI NYAMUK	MALINAU	TIDENGPALÉ
2004	130,256	49881.13089	18023.4555	5455.748691	15198.15707	6624.837696	27473.59162	7599.078534
2005	260,923	99919.65295	36103.78085	10928.71204	30444.26926	13270.57891	55033.87135	15222.13463
2006	194,174	74358.33059	26867.75617	8132.942408	22656.05385	9875.715782	40955.17427	11328.02693
2007	262,139	100385.3164	36272.03815	10979.64398	30586.15108	13332.42483	55290.35004	15293.07554
2008	284,144	108812.0628	39316.85864	11901.31937	33153.67539	14451.60209	59931.64398	16576.8377
2009	206,734	79168.14361	28605.67689	8659.015707	24121.54375	10514.51907	43604.32909	12060.77188
2010	359,692	137742.9349	49770.39641	15065.63351	41968.55049	18293.98355	75866.22588	20984.27524
2011	384,331	147178.3635	53179.68212	16097.63351	44843.40763	19547.1264	81063.08302	22421.70381
2012	443,018	169652.368	61300.17203	18555.72775	51690.95587	22531.95512	93441.34331	25845.47794
2013	481,973	184570.0643	66690.35527	20187.35079	56236.19147	24513.21167	101657.7307	28118.09574
2014	412,689	158037.9716	57103.56395	17285.40314	48152.19447	20989.4181	87044.35153	24076.09723
2015	508,740	194820.4039	70394.09125	21308.48168	59359.34181	25874.58489	107303.4256	29679.67091
2016	468,312	179338.6268	64800.08975	19615.1623	54642.23785	23818.41137	98776.35303	27321.11892
	527,505	202006.4024	72990.59461	22094.45026	61548.82573	26828.97532	111261.3388	30774.41286



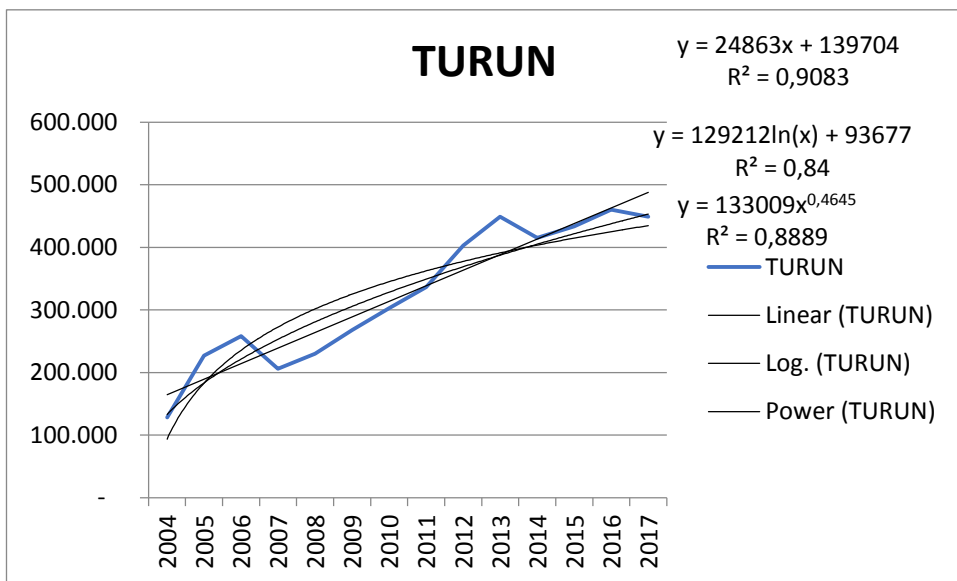
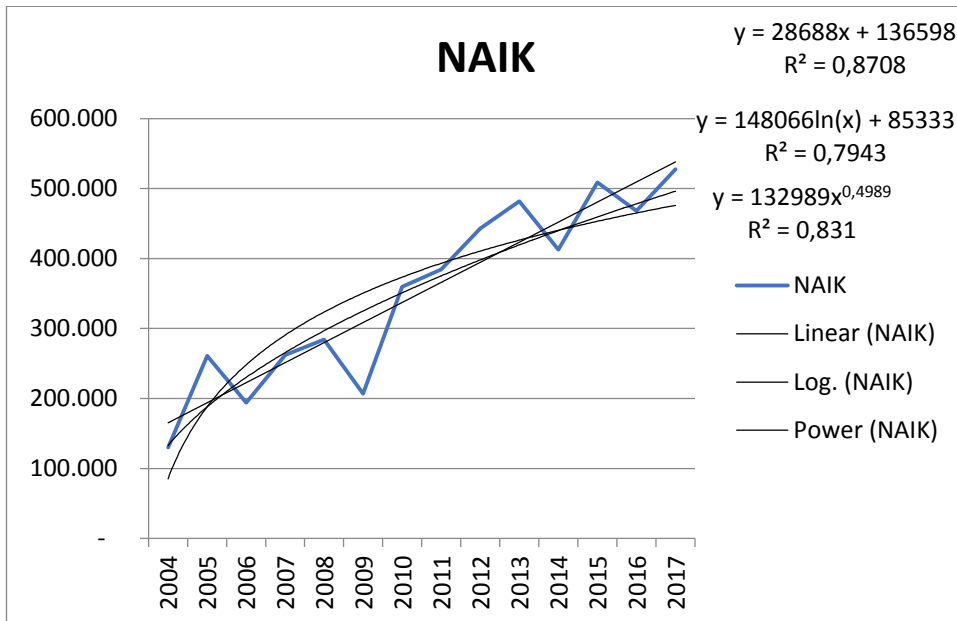
Lampiran. 3 Persentase arus kedatangan penumpang tiap trayek di Pelabuhan Tengkeyu Tarakan



Lampiran. 4 Persentase arus keberangkatan penumpang tiap trayek di Pelabuhan Tengayu Tarakan



Lampiran. 5 Model peramalan 1 (tren data) trayek tarakan-tanjung selor



NO	TAHUN	PENUMPANG	
		TURUN	NAIK
1	2004	49,906.05	49881.13089
2	2005	88,355.23	99919.65295
3	2006	100,480.77	74358.33059
4	2007	80,279.85	100385.3164
5	2008	89,674.65	108812.0628
6	2009	104,338.54	79168.14361



NO	TAHUN	PENUMPANG	
		TURUN	NAIK
7	2010	117,911.61	137742.9349
8	2011	131,074.99	147178.3635
9	2012	156,925.09	169652.368
10	2013	174,869.98	184570.0643
11	2014	161,649.35	158037.9716
12	2015	168,794.76	194820.4039
13	2016	179,167.82	179338.6268
14	2017	174,934.24	202006.4024

15	2018	199646.5	217100
16	2019	209329.2	228086
17	2020	219011.9	239072
18	2021	228694.6	250058
19	2022	238377.3	261044
20	2023	248060	272030
21	2024	257742.7	283016
22	2025	267425.4	294002
23	2026	277108.1	304988
24	2027	286790.8	315974
25	2028	296473.5	326960
26	2029	306156.2	337946
27	2030	315838.9	348932
28	2031	325521.6	359918
29	2032	335204.3	370904
30	2033	344887	381890
31	2034	354569.7	392876
32	2035	364252.4	403862
33	2036	373935.1	414848
34	2037	383617.8	425834
35	2038	393300.5	436820
36	2039	402983.2	447806
37	2040	412665.9	458792
38	2041	422348.6	469778
39	2042	432031.3	480764
40	2043	441714	491750



Lampiran. 6 Model peramalan 2 (pertumbuhan muatan) trayek tarakan-tanjung selor

NO	TAHUN	PENUMPANG			
		TURUN (Org)	PERTUMBUHAN	NAIK (Org)	PERTUMBUHAN
1	2004	49,906		49,881	
2	2005	88,355	0.770	99,920	1.003
3	2006	100,481	0.137	74,358	(0.256)
4	2007	80,280	(0.201)	100,385	0.350
5	2008	89,675	0.117	108,812	0.084
6	2009	104,339	0.164	79,168	(0.272)
7	2010	117,912	0.130	137,743	0.740
8	2011	131,075	0.112	147,178	0.069
9	2012	156,925	0.197	169,652	0.153
10	2013	174,870	0.114	184,570	0.088
11	2014	161,649	(0.076)	158,038	(0.144)
12	2015	168,795	0.044	194,820	0.233
13	2016	179,168	0.061	179,339	(0.079)
14	2017	174,934	(0.024)	202,006	0.126
			0.119		0.161
15	2018	195,749.97		234,541.88	
16	2019	219,042.60		272,317.58	
17	2020	245,106.86		316,177.49	
18	2021	274,272.56		367,101.55	
19	2022	306,908.72		426,227.52	
20	2023	343,428.33		494,876.42	
21	2024	384,293.46		574,582.02	
22	2025	430,021.21		667,125.13	
23	2026	481,190.18		774,573.38	
24	2027	538,447.84		899,327.43	
25	2028	602,518.69		1,044,174.57	
26	2029	674,213.43		1,212,351.02	
27	2030	754,439.26		1,407,614.24	
28	2031	844,211.31		1,634,326.88	
29	2032	944,665.48		1,897,554.22	
30	2033	1,057,072.87		2,203,177.38	
31	2034	1,182,855.81		2,558,024.70	
32	2035	1,323,605.88		2,970,024.32	
	2036	1,481,104.05		3,448,381.25	
	2037	1,657,343.20		4,003,783.14	
	2038	1,854,553.36		4,648,638.95	
	2039	2,075,229.89		5,397,356.29	



NO	TAHUN	PENUMPANG			
		TURUN (Org)	PERTUMBUHAN	NAIK (Org)	PERTUMBUHAN
37	2040	2,322,165.11		6,266,663.25	
38	2041	2,598,483.58		7,275,982.21	
39	2042	2,907,681.66		8,447,863.72	
40	2043	3,253,671.76		9,808,490.36	

Lampiran. 7 Model peramalan 3 (Regresi penduduk) trayek tarakan-tanjung selor

SUMMARY OUTPUT TURUN						
<i>Regression Statistics</i>						
Multiple R	0,803712024					
R Square	0,645953018					
Adjusted R Square	0,575143621					
Standard Error	14960,69578					
Observations	7					
<i>ANOVA</i>						
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>	
Regression	1	2041801989	2041801989	9,122419483	0,029405089	
Residual	5	1119112091	223822418,3			
Total	6	3160914080				
<i>Coefficients</i>						
	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>
Intercept	33706,40017	40807,7768	0,825979821	0,446423405	-71193,32957	138606,1
X Variable 1	0,985683712	0,326349206	3,020334333	0,029405089	0,146776371	1,824591

SUMMARY OUTPUT NAIK						
<i>Regression Statistics</i>						
Multiple R	0,53916424					
R Square	0,29069808					
Adjusted R Square	0,14883769					
Standard Error	19095,3731					
Observations	7					
<i>ANOVA</i>						
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>	
Regression	1	7,47E+08	747200788,3	2,049184315	0,211705	
Residual	5	1,82E+09	364633275,2			
Total	6	2,57E+09				
<i>Coefficients</i>						
	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>
Intercept	93493,0024	52085,79	1,794980827	0,13261177	-40397,8	227383,8
X Variable 1	0,59627888	0,416542	1,431497228	0,211704995	-0,47448	1,667034



Tahun	JUMLAH PENDUDUK	PENUMPANG	
		TURUN	NAIK

Tahun	JUMLAH PENDUDUK	PENUMPANG	
		TURUN	NAIK
2010	101,521	117,912	137,743
2011	105,449	131,075	147,178
2012	109,132	156,925	169,652
2013	140,943	174,870	184,570
2014	147,976	161,649	158,038
2015	124,854	168,795	194,820
2016	136,984	179,168	179,339
2017	147,619	179212	181515
2018	155,210	186694	186041
2019	163,055	194427	190719
2020	171,171	202427	195559
2021	179,574	210709	200569
2022	188,280	219290	205760
2023	197,307	228189	211143
2024	206,675	237423	216729
2025	216,404	247012	222530
2026	226,514	256978	228559
2027	237,030	267343	234829
2028	247,975	278131	241355
2029	259,373	289366	248152
2030	271,253	301076	255236
2031	283,643	313289	262623
2032	296,573	326033	270333
2033	310,074	339342	278384
2034	324,182	353247	286796
2035	338,931	367786	295591
2036	354,361	382994	304791
2037	370,511	398913	314421
2038	387,423	415583	324505
2039	405,145	433051	335072
2040	423,722	451362	346149
2041	443,206	470567	357767
2042	463,651	490720	369958
2043	485,114	511876	382756



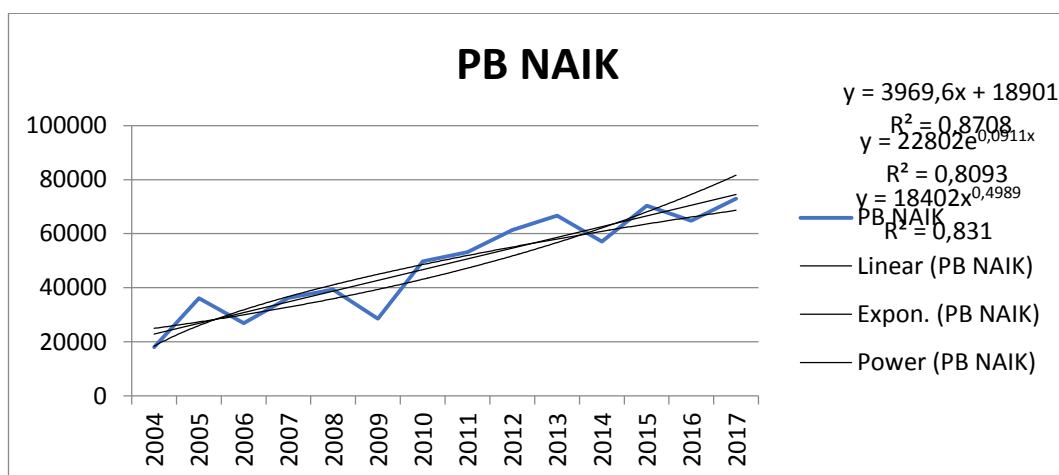
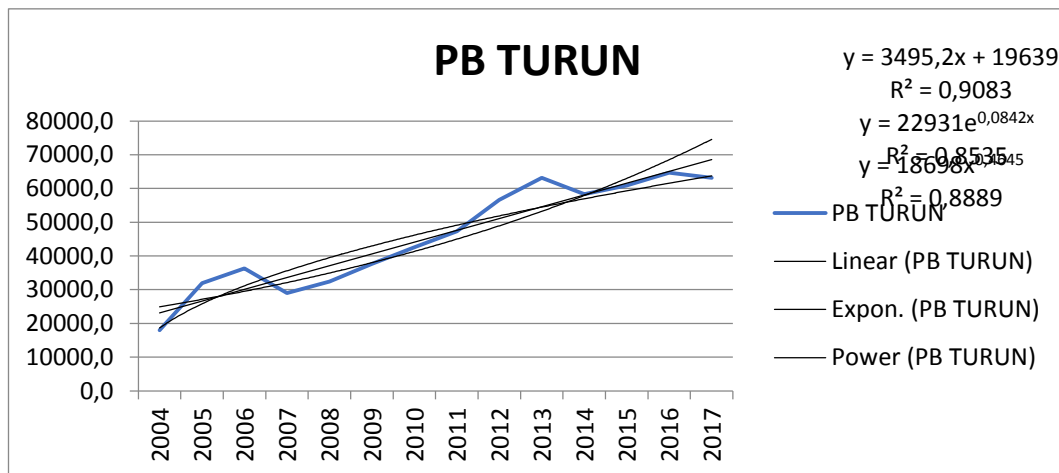
Lampiran. 8 Model peramalan 4 (moderate) trayek tarakan-tanjung selor

Tahun	PENUMPANG NAIK	PROYEKSI		
		RENDAH	TINGGI	MODERATE
2004	49,881			
2005	99,920			
2006	74,358			
2007	100,385			
2008	108,812			
2009	79,168			
2010	137,743			
2011	147,178			
2012	169,652			
2013	184,570			
2014	158,038			
2015	194,820			
2016	179,339			
2017	202,006			
2018		217,100	186,041	201,571
2019		228,086	190,719	209,403
2020		239,072	195,559	217,315
2021		250,058	200,569	225,313
2022		261,044	205,760	233,402
2023		272,030	211,143	241,586
2024		283,016	216,729	249,872
2025		294,002	222,530	258,266
2026		304,988	228,559	266,773
2027		315,974	234,829	275,402
2028		326,960	241,355	284,158
2029		337,946	248,152	293,049
2030		348,932	255,236	302,084
2031		359,918	262,623	311,271
2032		370,904	270,333	320,618
2033		381,890	278,384	330,137
2034		392,876	286,796	339,836
2035		403,862	295,591	349,726
2036		414,848	304,791	359,819
2037		425,834	314,421	370,127
2038		436,820	324,505	380,663
2039		447,806	335,072	391,439
2040		458,792	346,149	402,471
2041		469,778	357,767	413,773



Tahun	PENUMPANG NAIK	PROYEKSI		
		RENDAH	TINGGI	MODERATE
2042		480,764	369,958	425,361

Lampiran. 9 Model peramalan 1 (tren data) trayek tarakan-pulau bunyu



NO	TAHUN	PULAU BUNYU	
		TURUN	NAIK
1	2004	18014.9	18023.4555
2	2005	31894.1	36103.78085
3	2006	36271.1	26867.75617
4	2007	28979.1	36272.03815
5	2008	32370.4	39316.85864
6	2009	37663.7	28605.67689
7	2010	42563.2	49770.39641
8	2011	47314.9	53179.68212



NO	TAHUN	PULAU BUNYU	
		TURUN	NAIK
9	2012	56646.1	61300.17203
10	2013	63123.8	66690.35527
11	2014	58351.5	57103.56395
12	2015	60930.8	70394.09125
13	2016	64675.2	64800.08975
14	2017	63147.0	72990.59461

15	2018	72067	78445
16	2019	75562.2	82414.6
17	2020	79057.4	86384.2
18	2021	82552.6	90353.8
19	2022	86047.8	94323.4
20	2023	89543	98293
21	2024	93038.2	102262.6
22	2025	96533.4	106232.2
23	2026	100028.6	110201.8
24	2027	103523.8	114171.4
25	2028	107019	118141
26	2029	110514.2	122110.6
27	2030	114009.4	126080.2
28	2031	117504.6	130049.8
29	2032	120999.8	134019.4
30	2033	124495	137989
31	2034	127990.2	141958.6
32	2035	131485.4	145928.2
33	2036	134980.6	149897.8
34	2037	138475.8	153867.4
35	2038	141971	157837
36	2039	145466.2	161806.6
37	2040	148961.4	165776.2
38	2041	152456.6	169745.8
39	2042	155951.8	173715.4
40	2043	159447	177685



ran. 10 Model peramalan 2 (pertumbuhan muatan) trayek tarakan-
pulau bunyu

NO	TAHUN	PENUMPANG			
		TURUN (Org)	PERTUMBUHAN	NAIK (Org)	PERTUMBUHAN
1	2004	18,015		18,023	
2	2005	31,894	0.770	36,104	1.003
3	2006	36,271	0.137	26,868	(0.256)
4	2007	28,979	(0.201)	36,272	0.350
5	2008	32,370	0.117	39,317	0.084
6	2009	37,664	0.164	28,606	(0.272)
7	2010	42,563	0.130	49,770	0.740
8	2011	47,315	0.112	53,180	0.069
9	2012	56,646	0.197	61,300	0.153
10	2013	63,124	0.114	66,690	0.088
11	2014	58,351	(0.076)	57,104	(0.144)
12	2015	60,931	0.044	70,394	0.233
13	2016	64,675	0.061	64,800	(0.079)
14	2017	63,147	(0.024)	72,991	0.126

0.119

0.161

15	2018	70,660.97		84,746.58	
16	2019	79,069.04		98,396.00	
17	2020	88,477.60		114,243.82	
18	2021	99,005.70		132,644.11	
19	2022	110,786.56		154,007.99	
20	2023	123,969.25		178,812.77	
21	2024	138,720.57		207,612.64	
22	2025	155,227.17		241,051.07	
23	2026	173,697.92		279,875.15	
24	2027	194,366.54		324,952.29	
25	2028	217,494.55		377,289.64	
26	2029	243,374.61		438,056.52	
27	2030	272,334.17		508,610.61	
28	2031	304,739.69		590,528.27	
29	2032	341,001.20		685,639.71	
30	2033	381,577.52		796,069.95	
31	2034	426,982.10		924,286.27	
32	2035	477,789.44		1,073,153.32	
33	2036	534,642.44		1,245,997.13	
	2037	598,260.47		1,446,679.45	
	2038	669,448.53		1,679,684.00	
	2039	749,107.37		1,950,216.63	
	2040	838,244.97		2,264,321.68	



NO	TAHUN	PENUMPANG			
		TURUN (Org)	PERTUMBUHAN	NAIK (Org)	PERTUMBUHAN
38	2041	937,989.19		2,629,017.01	
39	2042	1,049,602.16		3,052,450.76	
40	2043	1,174,496.15		3,544,083.43	

Lampiran. 11 Model peramalan 3 (Regresi penduduk) trayek tarakan-pulau bunyu

SUMMARY OUTPUT TURUN								
<i>Regression Statistics</i>								
Multiple R	0,796145719							
R Square	0,633848006							
Adjusted R Square	0,560617607							
Standard Error	5491,992099							
Observations	7							
<i>ANOVA</i>								
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>			
Regression	1	261067936,7	261067936,7	8,655531261	0,032180959			
Residual	5	150809886,1	30161977,22					
Total	6	411877822,8						
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	-7940,39176	21909,94897	-0,362410326	0,731859939	-64261,70859	48380,93	-64261,7	48380,925
X Variable 1	5,010577327	1,703102962	2,942028426	0,032180959	0,63261179	9,388543	0,632612	9,3885429

SUMMARY OUTPUT NAIK								
<i>Regression Statistics</i>								
Multiple R	0,504026							
R Square	0,254042							
Adjusted R Square	0,104851							
Standard Error	7075,732							
Observations	7							
<i>ANOVA</i>								
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>			
Regression	1	85252089,61	85252089,61	1,702794	0,248748			
Residual	5	250329942,4	50065988,48					
Total	6	335582032						
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	23793,03	28228,17881	0,84288219	0,437745	-48769,8	96355,873	-48769,8145	96355,87
X Variable 1	2,863278	2,194231261	1,304911681	0,248748	-2,77717	8,503729	-2,777173016	8,503729



Tahun	JUMLAH PENDUDUK	PENUMPANG	
		TURUN	NAIK

Tahun	JUMLAH PENDUDUK	PENUMPANG	
		TURUN	NAIK
2010	11,139	42,563	49,770
2011	11,570	47,315	53,180
2012	12,001	56,646	61,300
2013	13,991	63,124	66,690
2014	14,614	58,351	57,104
2015	12,661	60,931	70,394
2016	13,672	64,675	64,800
2017	14,390	64160	64994
2018	14,886	66648	66416
2019	15,393	69189	67868
2020	15,911	71785	69352
2021	16,441	74440	70869
2022	16,983	77154	72420
2023	17,537	79930	74006
2024	18,104	82771	75630
2025	18,684	85679	77292
2026	19,279	88657	78993
2027	19,887	91707	80736
2028	20,511	94833	82522
2029	21,151	98036	84353
2030	21,806	101321	86230
2031	22,479	104690	88155
2032	23,168	108147	90131
2033	23,876	111694	92158
2034	24,603	115336	94239
2035	25,350	119077	96376
2036	26,117	122919	98572
2037	26,905	126867	100828
2038	27,714	130925	103147
2039	28,547	135098	105532
2040	29,404	139389	107984
2041	30,285	143803	110507
2042	31,191	148346	113102
2043	32,124	153022	115774



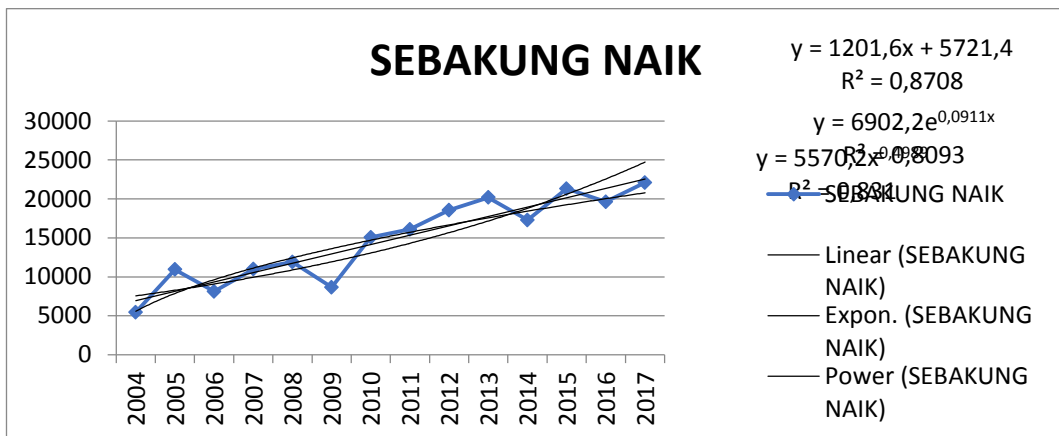
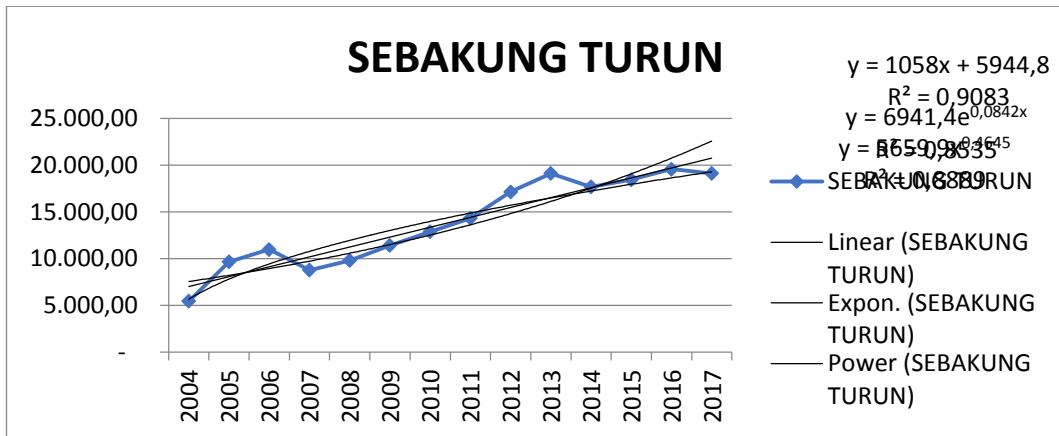
Lampiran. 12 Model peramalan 4 (moderate) trayek tarakan-pulau bunyu

Tahun	PENUMPANG NAIK	PROYEKSI		
		RENDAH	TINGGI	MODERATE
2004	18,023			
2005	36,104			
2006	26,868			
2007	36,272			
2008	39,317			
2009	28,606			
2010	49,770			
2011	53,180			
2012	61,300			
2013	66,690			
2014	57,104			
2015	70,394			
2016	64,800			
2017	72,991			
2018		78,445	66,416	72,431
2019		82,415	67,868	75,141
2020		86,384	69,352	77,868
2021		90,354	70,869	80,611
2022		94,323	72,420	83,372
2023		98,293	74,006	86,150
2024		102,263	75,630	88,946
2025		106,232	77,292	91,762
2026		110,202	78,993	94,598
2027		114,171	80,736	97,454
2028		118,141	82,522	100,332
2029		122,111	84,353	103,232
2030		126,080	86,230	106,155
2031		130,050	88,155	109,103
2032		134,019	90,131	112,075
2033		137,989	92,158	115,073
2034		141,959	94,239	118,099
2035		145,928	96,376	121,152
2036		149,898	98,572	124,235
2037		153,867	100,828	127,348
2038		157,837	103,147	130,492
2039		161,807	105,532	133,669
2040		165,776	107,984	136,880
2041		169,746	110,507	140,126



Tahun	PENUMPANG NAIK	PROYEKSI		
		RENDAH	TINGGI	MODERATE
2042		173,715	113,102	143,409

Lampiran. 13 Model peramalan 1 (tren data) trayek tarakan-sembakung



NO	TAHUN	SEBAKUNG	
		TURUN	NAIK
1	2004	5,453.15	5455.748691
2	2005	9,654.43	10928.71204
3	2006	10,979.36	8132.942408
4	2007	8,772.04	10979.64398
5	2008	9,798.60	11901.31937
6	2009	11,400.89	8659.015707
7	2010	12,884.00	15065.63351
8	2011	14,322.34	16097.63351
9	2012	17,146.94	18555.72775
10	2013	19,107.74	20187.35079



NO	TAHUN	SEBAKUNG	
		TURUN	NAIK
11	2014	17,663.15	17285.40314
12	2015	18,443.91	21308.48168
13	2016	19,577.36	19615.1623
14	2017	19,114.77	22094.45026

15	2018	21814.8	23745.4
16	2019	22872.8	24947
17	2020	23930.8	26148.6
18	2021	24988.8	27350.2
19	2022	26046.8	28551.8
20	2023	27104.8	29753.4
21	2024	28162.8	30955
22	2025	29220.8	32156.6
23	2026	30278.8	33358.2
24	2027	31336.8	34559.8
25	2028	32394.8	35761.4
26	2029	33452.8	36963
27	2030	34510.8	38164.6
28	2031	35568.8	39366.2
29	2032	36626.8	40567.8
30	2033	37684.8	41769.4
31	2034	38742.8	42971
32	2035	39800.8	44172.6
33	2036	40858.8	45374.2
34	2037	41916.8	46575.8
35	2038	42974.8	47777.4
36	2039	44032.8	48979
37	2040	45090.8	50180.6
38	2041	46148.8	51382.2
39	2042	47206.8	52583.8

Lampiran. 14 Model peramalan 2 (pertumbuhan muatan) trayek tarakan-sembakung

TAHUN	PENUMPANG			
	TURUN (Org)	PERTUMBUHAN	NAIK (Org)	PERTUMBUHAN
2004	5,453		5,456	
2005	9,654	0.770	10,929	1.003
2006	10,979	0.137	8,133	(0.256)



NO	TAHUN	PENUMPANG			
		TURUN (Org)	PERTUMBUHAN	NAIK (Org)	PERTUMBUHAN
4	2007	8,772	(0.201)	10,980	0.350
5	2008	9,799	0.117	11,901	0.084
6	2009	11,401	0.164	8,659	(0.272)
7	2010	12,884	0.130	15,066	0.740
8	2011	14,322	0.112	16,098	0.069
9	2012	17,147	0.197	18,556	0.153
10	2013	19,108	0.114	20,187	0.088
11	2014	17,663	(0.076)	17,285	(0.144)
12	2015	18,444	0.044	21,308	0.233
13	2016	19,577	0.061	19,615	(0.079)
14	2017	19,115	(0.024)	22,094	0.126

0.119

0.161

15	2018	21,389.27		25,653.02	
16	2019	23,934.41		29,784.74	
17	2020	26,782.41		34,581.91	
18	2021	29,969.29		40,151.73	
19	2022	33,535.39		46,618.64	
20	2023	37,525.83		54,127.11	
21	2024	41,991.09		62,844.91	
22	2025	46,987.68		72,966.81	
23	2026	52,578.83		84,718.96	
24	2027	58,835.28		98,363.94	
25	2028	65,836.19		114,206.59	
26	2029	73,670.15		132,600.89	
27	2030	82,436.29		153,957.81	
28	2031	92,245.53		178,754.50	
29	2032	103,221.98		207,544.99	
30	2033	115,504.55		240,972.53	
31	2034	129,248.63		279,783.95	
32	2035	144,628.16		324,846.41	
33	2036	161,837.71		377,166.70	
34	2037	181,095.06		437,913.78	
35	2038	202,643.88		508,444.89	
36	2039	226,756.83		590,335.84	
	2040	253,739.02		685,416.29	
	2041	283,931.86		795,810.55	
	2042	317,717.41		923,985.09	



Lampiran. 15 Model peramalan 3 (Regresi pendukung) trayek tarakan-sembakung

SUMMARY OUTPUT TURUN								
<i>Regression Statistics</i>								
Multiple R	0,890248212							
R Square	0,792541879							
Adjusted R Square	0,751050255							
Standard Error	1251,35554							
Observations	7							
<i>ANOVA</i>								
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>			
Regression	1	29910469,21	29910469,21	19,10124983	0,00721869			
Residual	5	7829453,432	1565890,686					
Total	6	37739922,64						
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	-9879,79024	6173,180777	-1,600437537	0,170399158	-25748,45661	5988,876	-25748,5	5988,8761
X Variable 1	1,0065264	0,23030018	4,370497664	0,00721869	0,41452094	1,598532	0,414521	1,5985319
SUMMARY OUTPUT NAIK								
<i>Regression Statistics</i>								
Multiple R	0,783443							
R Square	0,613784							
Adjusted R Square	0,53654							
Standard Error	1541,154							
Observations	7							
<i>ANOVA</i>								
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>			
Regression	1	18873244,38	18873244,38	7,946109	0,037157			
Residual	5	11875776,88	2375155,375					
Total	6	30749021,25						
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	-3066,256	7602,812624	-0,4033055	0,703392	-22609,9	16477,396	-22609,90817	16477,4
X Variable 1	0,799534	0,283634836	2,818884419	0,037157	0,070427	1,5286404	0,070427263	1,52864

Tahun	JUMLAH PENDUDUK	PENUMPANG	
		TURUN	NAIK
2010	23,037	12,884	15,066
2011	25,169	14,322	16,098
2012	26,594	17,147	18,556
2013	26,405	19,108	20,187



Tahun	JUMLAH PENDUDUK	PENUMPANG	
		TURUN	NAIK
2014	27,504	17,663	17,285
2015	28,616	18,444	21,308
2016	29,758	19,577	19,615
2017	30,894	21216	21635
2018	31,974	22302	22498
2019	33,074	23410	23378
2020	34,198	24541	24276
2021	35,344	25695	25193
2022	36,515	26873	26129
2023	37,711	28077	27085
2024	38,932	29307	28061
2025	40,181	30563	29060
2026	41,458	31848	30081
2027	42,763	33163	31124
2028	44,099	34507	32192
2029	45,466	35883	33285
2030	46,865	37291	34404
2031	48,298	38734	35550
2032	49,766	40211	36723
2033	51,270	41725	37926
2034	52,811	43276	39158
2035	54,392	44867	40422
2036	56,012	46498	41717
2037	57,675	48171	43047
2038	59,381	49888	44410
2039	61,131	51651	45810
2040	62,929	53460	47248
2041	64,775	55318	48724
2042	66,671	57227	50240

Lampiran. 16 Model peramalan 4 (moderate) trayek tarakan-sembakung

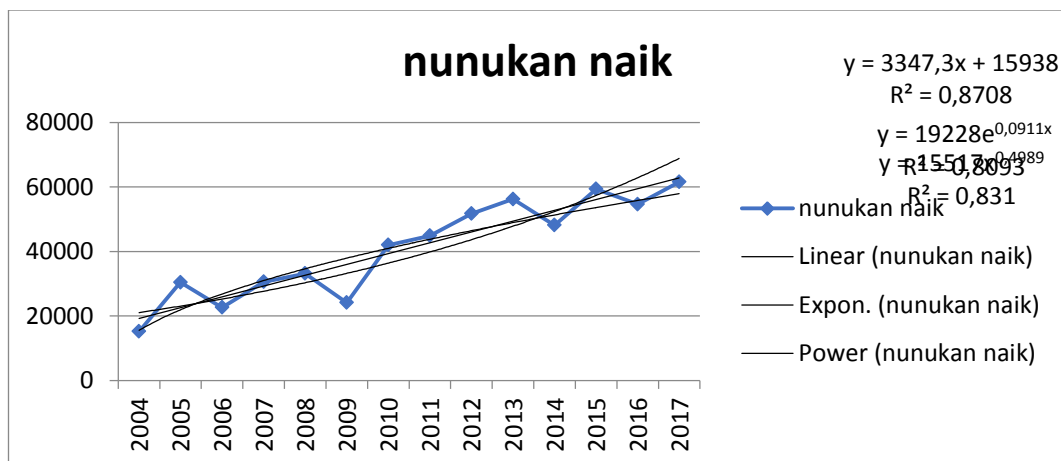
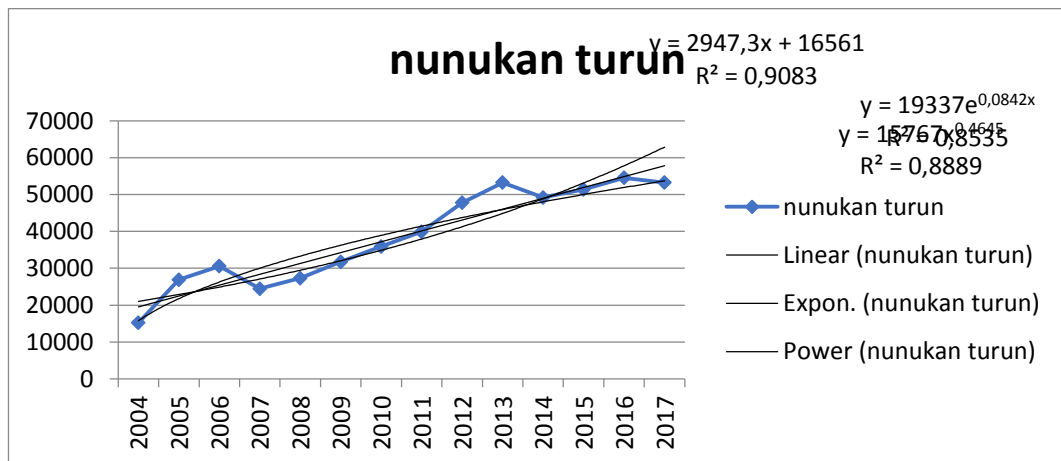
Tahun	PENUMPANG NAIK	PROYEKSI		
		RENDAH	TINGGI	MODERATE
004	5,456			
005	10,929			
006	8,133			
007	10,980			



Tahun	PENUMPANG NAIK	PROYEKSI		
		RENDAH	TINGGI	MODERATE
2008	11,901			
2009	8,659			
2010	15,066			
2011	16,098			
2012	18,556			
2013	20,187			
2014	17,285			
2015	21,308			
2016	19,615			
2017	22,094			
2018		23,745	22,498	23,122
2019		24,947	23,378	24,162
2020		26,149	24,276	25,212
2021		27,350	25,193	26,271
2022		28,552	26,129	27,340
2023		29,753	27,085	28,419
2024		30,955	28,061	29,508
2025		32,157	29,060	30,608
2026		33,358	30,081	31,719
2027		34,560	31,124	32,842
2028		35,761	32,192	33,977
2029		36,963	33,285	35,124
2030		38,165	34,404	36,284
2031		39,366	35,550	37,458
2032		40,568	36,723	38,646
2033		41,769	37,926	39,848
2034		42,971	39,158	41,065
2035		44,173	40,422	42,297
2036		45,374	41,717	43,546
2037		46,576	43,047	44,811
2038		47,777	44,410	46,094
2039		48,979	45,810	47,395
2040		50,181	47,248	48,714
2041		51,382	48,724	50,053
2042		52,584	50,240	51,412



Lampiran. 17 Model peramalan 1 (tren data) trayek tarakan-nunukan



NO	TAHUN	NUNUKAN	
		TURUN	NAIK
1	2004	15190.91489	15198.15707
2	2005	26894.47112	30444.26926
3	2006	30585.36474	22656.05385
4	2007	24436.40426	30586.15108
5	2008	27296.08815	33153.67539
6	2009	31759.63222	24121.54375
7	2010	35891.14286	41968.55049
8	2011	39897.94833	44843.40763
9	2012	47766.46505	51690.95587
10	2013	53228.71733	56236.19147



NO	TAHUN	NUNUKAN	
		TURUN	NAIK
11	2014	49204.48632	48152.19447
12	2015	51379.4772	59359.34181
13	2016	54536.93617	54642.23785
14	2017	53248.2766	61548.82573

15	2018	60770.5	66147.5
16	2019	63717.8	69494.8
17	2020	66665.1	72842.1
18	2021	69612.4	76189.4
19	2022	72559.7	79536.7
20	2023	75507	82884
21	2024	78454.3	86231.3
22	2025	81401.6	89578.6
23	2026	84348.9	92925.9
24	2027	87296.2	96273.2
25	2028	90243.5	99620.5
26	2029	93190.8	102967.8
27	2030	96138.1	106315.1
28	2031	99085.4	109662.4
29	2032	102032.7	113009.7
30	2033	104980	116357
31	2034	107927.3	119704.3
32	2035	110874.6	123051.6
33	2036	113821.9	126398.9
34	2037	116769.2	129746.2
35	2038	119716.5	133093.5
36	2039	122663.8	136440.8
37	2040	125611.1	139788.1
38	2041	128558.4	143135.4
39	2042	131505.7	146482.7

Lampiran. 18 Model peramalan 2 (pertumbuhan muatan) trayek tarakan-nunukan

	TAHUN	PENUMPANG			
		TURUN (Org)	PERTUMBUHAN	NAIK (Org)	PERTUMBUHAN
	2004	15,191		15,198	
	2005	26,894	0.770	30,444	1.003
	2006	30,585	0.137	22,656	(0.256)



NO	TAHUN	PENUMPANG			
		TURUN (Org)	PERTUMBUHAN	NAIK (Org)	PERTUMBUHAN
4	2007	24,436	(0.201)	30,586	0.350
5	2008	27,296	0.117	33,154	0.084
6	2009	31,760	0.164	24,122	(0.272)
7	2010	35,891	0.130	41,969	0.740
8	2011	39,898	0.112	44,843	0.069
9	2012	47,766	0.197	51,691	0.153
10	2013	53,229	0.114	56,236	0.088
11	2014	49,204	(0.076)	48,152	(0.144)
12	2015	51,379	0.044	59,359	0.233
13	2016	54,537	0.061	54,642	(0.079)
14	2017	53,248	(0.024)	61,549	0.126

0.119

0.161

15	2018	59,584.38		71,461.98	
16	2019	66,674.43		82,971.76	
17	2020	74,608.14		96,335.33	
18	2021	83,485.89		111,851.25	
19	2022	93,420.02		129,866.20	
20	2023	104,536.23		150,782.66	
21	2024	116,975.18		175,067.96	
22	2025	130,894.26		203,264.69	
23	2026	146,469.60		236,002.83	
24	2027	163,898.27		274,013.83	
25	2028	183,400.81		318,146.94	
26	2029	205,223.99		369,388.20	
27	2030	229,643.95		428,882.46	
28	2031	256,969.69		497,958.97	
29	2032	287,546.96		578,161.05	
30	2033	321,762.67		671,280.61	
31	2034	360,049.77		779,398.15	
32	2035	402,892.72		904,929.28	
33	2036	450,833.62		1,050,678.66	
34	2037	504,479.10		1,219,902.67	
35	2038	564,507.95		1,416,382.18	
36	2039	631,679.73		1,644,506.99	
	2040	706,844.40		1,909,373.96	
	2041	790,953.05		2,216,900.83	
	2042	885,069.93		2,573,958.48	



Lampiran. 19 Model peramalan 3 (Regresi pendukung) trayek tarakan-nunukan

SUMMARY OUTPUT TURUN						
<i>Regression Statistics</i>						
Multiple R	0,902127041					
R Square	0,813833198					
Adjusted R Square	0,776599838					
Standard Error	3302,198615					
Observations	7					
<i>ANOVA</i>						
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>	
Regression	1	238346923,3	238346923,3	21,85763495	0,005456965	
Residual	5	54522578,45	10904515,69			
Total	6	292869501,7				
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>
Intercept	4784,527725	9203,427213	0,5198637	0,625346052	-18873,63509	28442,69
X Variable 1	0,478884428	0,102430462	4,675214963	0,005456965	0,215578543	0,74219

SUMMARY OUTPUT NAIK						
<i>Regression Statistics</i>						
Multiple R	0,790806					
R Square	0,625374					
Adjusted R Square	0,550449					
Standard Error	4228,302					
Observations	7					
<i>ANOVA</i>						
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>	
Regression	1	149225972,4	149225972,4	8,346652	0,034224	
Residual	5	89392707,82	17878541,56			
Total	6	238618680,2				
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>
Intercept	17253,03	11784,53459	1,464039838	0,203061	-13040,1	47546,139
X Variable 1	0,378921	0,131157154	2,88905736	0,034224	0,04177	0,7160707

Tahun	JUMLAH PENDUDUK	PENUMPANG	
		TURUN	NAIK
2010	65,881	35,891	41,969
2011	81,037	39,898	44,843
2012	87,418	47,766	51,691
2013	88,590	53,229	56,236



Tahun	JUMLAH PENDUDUK	PENUMPANG	
		TURUN	NAIK
2014	94,165	49,204	48,152
2015	99,975	51,379	59,359
2016	106,077	54,537	54,642
2017	113,839	59300	60389
2018	121,659	63045	63352
2019	129,890	66987	66471
2020	138,569	71143	69760
2021	147,733	75531	73232
2022	157,422	80172	76904
2023	167,683	85085	80791
2024	178,561	90295	84914
2025	190,111	95826	89290
2026	202,389	101706	93943
2027	215,457	107963	98894
2028	229,381	114631	104170
2029	244,233	121744	109798
2030	260,093	129339	115808
2031	277,046	137458	122232
2032	295,184	146144	129104
2033	314,608	155445	136464
2034	335,426	165415	144353
2035	357,757	176109	152814
2036	381,728	187588	161897
2037	407,478	199919	171655
2038	435,158	213175	182143
2039	464,931	227433	193425
2040	496,975	242778	205567
2041	531,482	259303	218642
2042	568,659	277106	232730

Lampiran. 20 Model peramalan 4 (moderate) trayek tarakan-nunukan

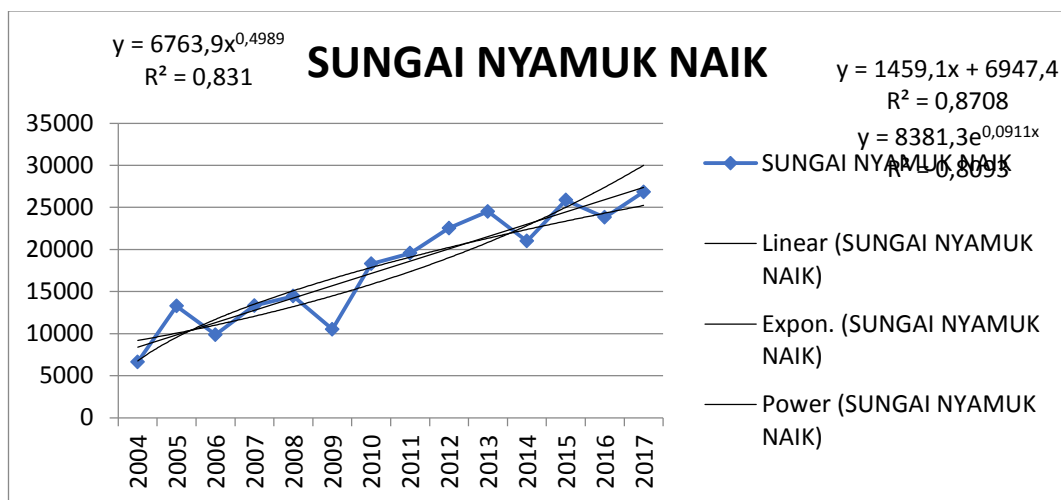
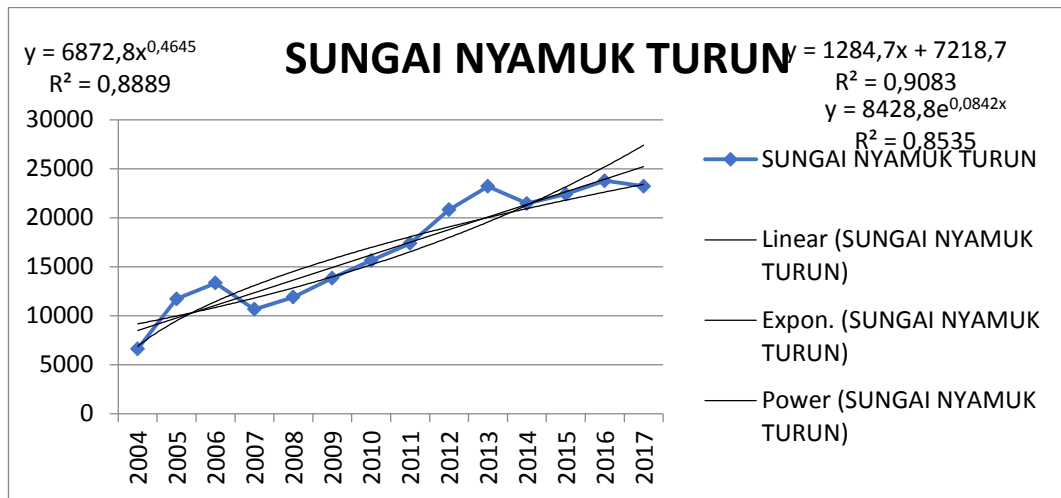
Tahun	PENUMPANG NAIK	PROYEKSI		
		RENDAH	TINGGI	MODERATE
004	15,198			
005	30,444			
006	22,656			
007	30,586			



Tahun	PENUMPANG NAIK	PROYEKSI		
		RENDAH	TINGGI	MODERATE
2008	33,154			
2009	24,122			
2010	41,969			
2011	44,843			
2012	51,691			
2013	56,236			
2014	48,152			
2015	59,359			
2016	54,642			
2017	61,549			
2018		66,148	63,352	64,750
2019		69,495	66,471	67,983
2020		72,842	69,760	71,301
2021		76,189	73,232	74,711
2022		79,537	76,904	78,220
2023		82,884	80,791	81,838
2024		86,231	84,914	85,572
2025		89,579	89,290	89,434
2026		92,926	93,943	93,434
2027		96,273	98,894	97,584
2028		99,621	104,170	101,895
2029		102,968	109,798	106,383
2030		106,315	115,808	111,061
2031		109,662	122,232	115,947
2032		113,010	129,104	121,057
2033		116,357	136,464	126,411
2034		119,704	144,353	132,029
2035		123,052	152,814	137,933
2036		126,399	161,897	144,148
2037		129,746	171,655	150,700
2038		133,094	182,143	157,618
2039		136,441	193,425	164,933
2040		139,788	205,567	172,678
2041		143,135	218,642	180,889
2042		146,483	232,730	189,606



iran. 21 Model peramalan 1 (tren data) trayek tarakan-sei nyamuk



NO	TAHUN	SUNGAI NYAMUK	
		TURUN	NAIK
1	2004	6621.680851	6624.837696
2	2005	11723.231	13270.57891
3	2006	13332.08207	9875.715782
4	2007	10651.76596	13332.42483
5	2008	11898.29483	14451.60209
6	2009	13843.94225	10514.51907
7	2010	15644.85714	18293.98355
8	2011	17391.41337	19547.1264
9	2012	20821.27964	22531.95512
10	2013	23202.2614	24513.21167
11	2014	21448.10942	20989.4181
12	2015	22396.18237	25874.58489
13	2016	23772.51064	23818.41137
14	2017	23210.78723	26828.97532



NO	TAHUN	SUNGAI NYAMUK	
		TURUN	NAIK
15	2018	26489.2	28833.9
16	2019	27773.9	30293
17	2020	29058.6	31752.1
18	2021	30343.3	33211.2
19	2022	31628	34670.3
20	2023	32912.7	36129.4
21	2024	34197.4	37588.5
22	2025	35482.1	39047.6
23	2026	36766.8	40506.7
24	2027	38051.5	41965.8
25	2028	39336.2	43424.9
26	2029	40620.9	44884
27	2030	41905.6	46343.1
28	2031	43190.3	47802.2
29	2032	44475	49261.3
30	2033	45759.7	50720.4
31	2034	47044.4	52179.5
32	2035	48329.1	53638.6
33	2036	49613.8	55097.7
34	2037	50898.5	56556.8
35	2038	52183.2	58015.9
36	2039	53467.9	59475
37	2040	54752.6	60934.1
38	2041	56037.3	62393.2
39	2042	57322	63852.3

Lampiran. 22 Model peramalan 2 (pertumbuhan muatan) trayek tarakan-sei nyamuk

NO	TAHUN	PENUMPANG			
		TURUN (Org)	PERTUMBUHAN	NAIK (Org)	PERTUMBUHAN
1	2004	6,622		6,625	
2	2005	11,723	0.770	13,271	1.003
	2006	13,332	0.137	9,876	(0.256)
	2007	10,652	(0.201)	13,332	0.350
	2008	11,898	0.117	14,452	0.084
	2009	13,844	0.164	10,515	(0.272)
	2010	15,645	0.130	18,294	0.740



NO	TAHUN	PENUMPANG			
		TURUN (Org)	PERTUMBUHAN	NAIK (Org)	PERTUMBUHAN
8	2011	17,391	0.112	19,547	0.069
9	2012	20,821	0.197	22,532	0.153
10	2013	23,202	0.114	24,513	0.088
11	2014	21,448	(0.076)	20,989	(0.144)
12	2015	22,396	0.044	25,875	0.233
13	2016	23,773	0.061	23,818	(0.079)
14	2017	23,211	(0.024)	26,829	0.126

0.119

0.161

15	2018	25,972.68		31,150.09
16	2019	29,063.21		36,167.18
17	2020	32,521.50		41,992.32
18	2021	36,391.29		48,755.67
19	2022	40,721.55		56,608.34
20	2023	45,567.08		65,725.77
21	2024	50,989.18		76,311.67
22	2025	57,056.47		88,602.56
23	2026	63,845.72		102,873.03
24	2027	71,442.84		119,441.92
25	2028	79,943.94		138,679.43
26	2029	89,456.61		161,015.37
27	2030	100,101.21		186,948.77
28	2031	112,012.43		217,059.04
29	2032	125,340.98		252,018.92
30	2033	140,255.52		292,609.50
31	2034	156,944.77		339,737.66
32	2035	175,619.90		394,456.35
33	2036	196,517.22		457,988.14
34	2037	219,901.15		531,752.45
35	2038	246,067.57		617,397.36
36	2039	275,347.58		716,836.38
37	2040	308,111.66		832,291.21
38	2041	344,774.41		966,341.39
39	2042	385,799.71		1,121,981.90



Lampiran. 23 Model peramalan 3 (Regresi penduduk) trayek tarakan-sei nyamuk

SUMMARY OUTPUT TURUN								
<i>Regression Statistics</i>								
Multiple R	0,876890973							
R Square	0,768937779							
Adjusted R Square	0,722725334							
Standard Error	1603,617763							
Observations	7							
<i>ANOVA</i>								
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>			
Regression	1	42789181,17	42789181,17	16,639193	0,009548126			
Residual	5	12857949,66	2571589,931					
Total	6	55647130,83						
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	-24473,2823	11083,04306	-2,20817353	0,078284207	-52963,1515	4016,587	-52963,2	4016,5868
X Variable 1	1,245716095	0,305388688	4,079116693	0,009548126	0,460689481	2,030743	0,460689	2,0307427

SUMMARY OUTPUT NAIK								
<i>Regression Statistics</i>								
Multiple R	0,773509							
R Square	0,598316							
Adjusted R Square	0,517979							
Standard Error	1908,507							
Observations	7							
<i>ANOVA</i>								
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>			
Regression	1	27127118,64	27127118,64	7,447595	0,041328			
Residual	5	18211999,44	3642399,887					
Total	6	45339118,07						
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	-13718,51	13190,21803	-1,04005171	0,345971	-47625	20188,026	-47625,0437	20188,03
X Variable 1	0,991868	0,363451026	2,729028188	0,041328	0,057587	1,9261487	0,05758749	1,926149

Tahun	JUMLAH PENDUDUK	PENUMPANG	
		TURUN	NAIK
2010	32,557	15,645	18,294
2011	34,882	17,391	19,547
2012	36,431	20,821	22,532
2013	35,777	23,202	24,513
2014	36,877	21,448	20,989
2015	37,992	22,396	25,875
2016	39,145	23,773	23,818



Tahun	JUMLAH PENDUDUK	PENUMPANG	
		TURUN	NAIK
2017	40,196	25600	26151
2018	41,305	26981	27250
2019	42,433	28387	28370
2020	43,583	29819	29510
2021	44,754	31277	30671
2022	45,946	32763	31854
2023	47,162	34277	33060
2024	48,401	35820	34289
2025	49,664	37394	35542
2026	50,952	38999	36819
2027	52,266	40635	38122
2028	53,606	42305	39452
2029	54,974	44009	40809
2030	56,370	45748	42193
2031	57,795	47523	43607
2032	59,250	49336	45050
2033	60,737	51187	46524
2034	62,255	53079	48030
2035	63,806	55011	49569
2036	65,391	56986	51141
2037	67,012	59004	52748
2038	68,668	61068	54391
2039	70,362	63178	56071
2040	72,094	65336	57790
2041	73,867	67543	59547
2042	75,680	69802	61346
2043	77,535	72114	63186

Lampiran. 24 Model peramalan 4 (moderate) trayek tarakan-sei nyamuk

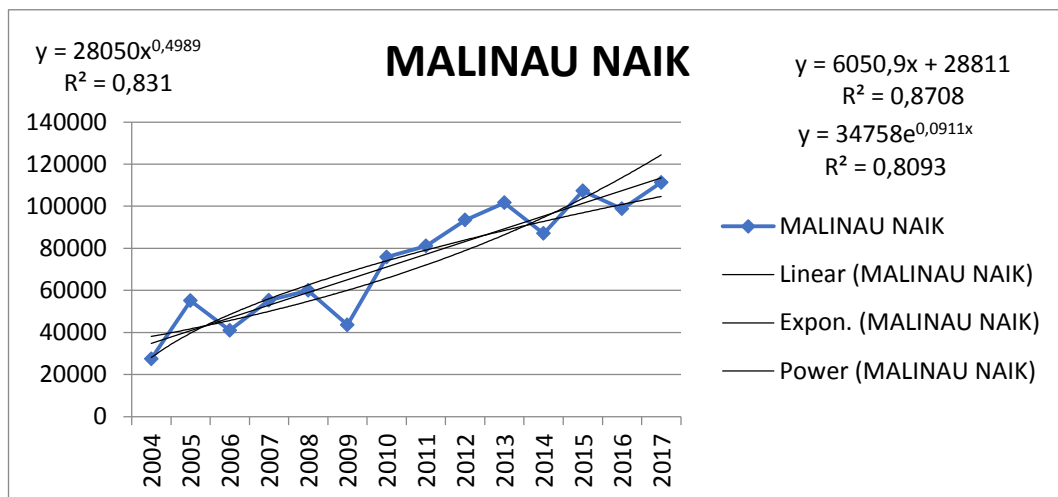
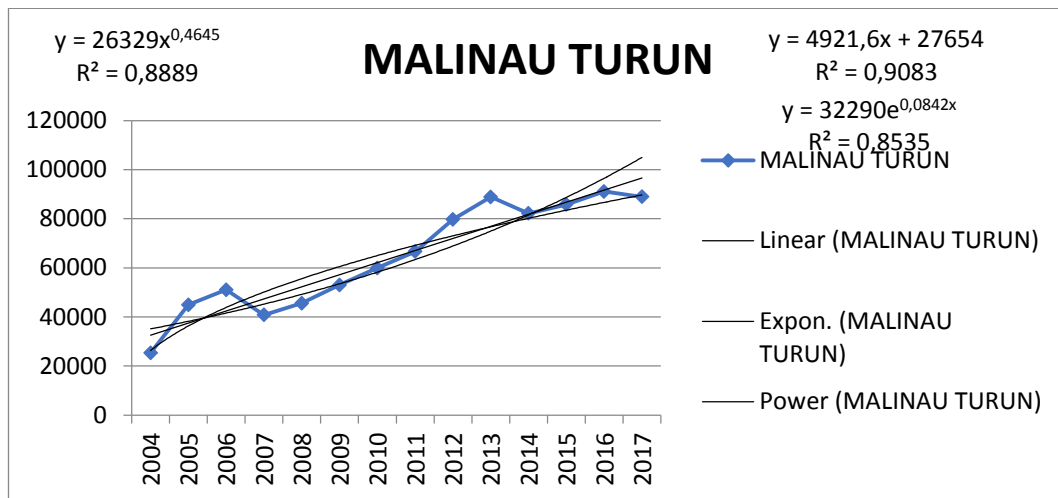
Tahun	PENUMPANG NAIK	PROYEKSI		
		RENDAH	TINGGI	MODERATE
2004	6,625			
2005	13,271			
2006	9,876			
2007	13,332			
2008	14,452			
2009	10,515			
2010	18,294			



Tahun	PENUMPANG NAIK	PROYEKSI		
		RENDAH	TINGGI	MODERATE
2011	19,547			
2012	22,532			
2013	24,513			
2014	20,989			
2015	25,875			
2016	23,818			
2017	26,829			
2018		28,834	27,250	28,042
2019		30,293	28,370	29,331
2020		31,752	29,510	30,631
2021		33,211	30,671	31,941
2022		34,670	31,854	33,262
2023		36,129	33,060	34,595
2024		37,589	34,289	35,939
2025		39,048	35,542	37,295
2026		40,507	36,819	38,663
2027		41,966	38,122	40,044
2028		43,425	39,452	41,438
2029		44,884	40,809	42,846
2030		46,343	42,193	44,268
2031		47,802	43,607	45,704
2032		49,261	45,050	47,156
2033		50,720	46,524	48,622
2034		52,180	48,030	50,105
2035		53,639	49,569	51,604
2036		55,098	51,141	53,119
2037		56,557	52,748	54,652
2038		58,016	54,391	56,204
2039		59,475	56,071	57,773
2040		60,934	57,790	59,362
2041		62,393	59,547	60,970
2042		63,852	61,346	62,599



Lampiran. 25 Model peramalan 1 (tren data) trayek tarakan-malinau



NO	TAHUN	MALINAU	
		TURUN	NAIK
1	2004	25366.88032	27473.59162
2	2005	44910.31877	55033.87135
3	2006	51073.63792	40955.17427
4	2007	40805.66223	55290.35004
5	2008	45580.96771	59931.64398
6	2009	53034.51406	43604.32909
7	2010	59933.60714	75866.22588
8	2011	66624.45859	81063.08302
9	2012	79763.87272	93441.34331
10	2013	88885.13374	101657.7307
11	2014	82165.18389	87044.35153
12	2015	85797.13982	107303.4256
13	2016	91069.69149	98776.35303



NO	TAHUN	MALINAU	
		TURUN	NAIK
14	2017	88917.79521	111261.3388

15	2018	101478	119574.5
16	2019	106399.6	125625.4
17	2020	111321.2	131676.3
18	2021	116242.8	137727.2
19	2022	121164.4	143778.1
20	2023	126086	149829
21	2024	131007.6	155879.9
22	2025	135929.2	161930.8
23	2026	140850.8	167981.7
24	2027	145772.4	174032.6
25	2028	150694	180083.5
26	2029	155615.6	186134.4
27	2030	160537.2	192185.3
28	2031	165458.8	198236.2
29	2032	170380.4	204287.1
30	2033	175302	210338
31	2034	180223.6	216388.9
32	2035	185145.2	222439.8
33	2036	190066.8	228490.7
34	2037	194988.4	234541.6
35	2038	199910	240592.5
36	2039	204831.6	246643.4
37	2040	209753.2	252694.3
38	2041	214674.8	258745.2
39	2042	219596.4	264796.1

Lampiran. 26 Model peramalan 2 (pertumbuhan muatan) trayek tarakan-malinau

NO	TAHUN	PENUMPANG			
		TURUN (Org)	PERTUMBUHAN	NAIK (Org)	PERTUMBUHAN
1	2004	25,367		27,474	
	2005	44,910	0.770	55,034	1.003
	2006	51,074	0.137	40,955	(0.256)
	2007	40,806	(0.201)	55,290	0.350
	2008	45,581	0.117	59,932	0.084
	2009	53,035	0.164	43,604	(0.272)



NO	TAHUN	PENUMPANG			
		TURUN (Org)	PERTUMBUHAN	NAIK (Org)	PERTUMBUHAN
7	2010	59,934	0.130	75,866	0.740
8	2011	66,624	0.112	81,063	0.069
9	2012	79,764	0.197	93,441	0.153
10	2013	88,885	0.114	101,658	0.088
11	2014	82,165	(0.076)	87,044	(0.144)
12	2015	85,797	0.044	107,303	0.233
13	2016	91,070	0.061	98,776	(0.079)
14	2017	88,918	(0.024)	111,261	0.126

0.119

0.161

15	2018	99,498.28		129,181.27
16	2019	111,337.75		149,987.42
17	2020	124,586.02		174,144.63
18	2021	139,410.73		202,192.65
19	2022	155,999.46		234,758.13
20	2023	174,562.11		272,568.65
21	2024	195,333.55		316,469.00
22	2025	218,576.63		367,440.01
23	2026	244,585.45		426,620.50
24	2027	273,689.10		495,332.69
25	2028	306,255.84		575,111.77
26	2029	342,697.76		667,740.21
27	2030	383,475.96		775,287.53
28	2031	429,106.43		900,156.60
29	2032	480,166.55		1,045,137.28
30	2033	537,302.40		1,213,468.79
31	2034	601,236.95		1,408,912.04
32	2035	672,779.19		1,635,833.71
33	2036	752,834.35		1,899,303.74
34	2037	842,415.42		2,205,208.68
35	2038	942,655.90		2,560,383.17
36	2039	1,054,824.17		2,972,762.64
37	2040	1,180,339.53		3,451,560.62
38	2041	1,320,790.19		4,007,474.58
39	2042	1,477,953.31		4,652,924.94



Lampiran. 27 Model peramalan 3 (Regresi penduduk) trayek tarakan-malinau

SUMMARY OUTPUT TURUN								
<i>Regression Statistics</i>								
Multiple R	0,871356766							
R Square	0,759262614							
Adjusted R Square	0,711115137							
Standard Error	6270,569295							
Observations	7							
<i>ANOVA</i>								
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>			
Regression	1	620058153,5	620058153,5	15,7695202	0,010624672			
Residual	5	196600196,4	39320039,28					
Total	6	816658349,9						
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	-77228,3317	39457,28724	-1,957264099	0,107664285	-178656,5176	24199,85	-178657	24199,854
X Variable 1	1,717074727	0,432394296	3,971085519	0,010624672	0,605569804	2,82858	0,60557	2,8285796

SUMMARY OUTPUT NAIK								
<i>Regression Statistics</i>								
Multiple R	0,762314							
R Square	0,581122							
Adjusted R Square	0,497347							
Standard Error	8082,305							
Observations	7							
<i>ANOVA</i>								
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>			
Regression	1	453128235,7	453128235,7	6,936663	0,046323			
Residual	5	326618309,6	65323661,92					
Total	6	779746545,3						
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	-41539,83	50857,55919	-0,81678771	0,451197	-172273	89193,689	-172273,347	89193,69
X Variable 1	1,467856	0,557324642	2,633754565	0,046323	0,035208	2,9005049	0,035207719	2,900505

Tahun	JUMLAH PENDUDUK	PENUMPANG	
		TURUN	NAIK
2010	81,946	59,934	75,866
2011	87,154	66,624	81,063
2012	88,553	79,764	93,441
2013	90,580	88,885	101,658
2014	93,481	82,165	87,044
2015	96,433	85,797	107,303
2016	99,471	91,070	98,776
2017	102,351	98515	108696



Tahun	JUMLAH PENDUDUK	PENUMPANG	
		TURUN	NAIK
2018	105,401	103753	113173
2019	108,507	109086	117732
2020	111,670	114518	122376
2021	114,893	120052	127107
2022	118,177	125691	131928
2023	121,525	131439	136842
2024	124,938	137300	141852
2025	128,419	143277	146961
2026	131,970	149374	152174
2027	135,593	155596	157492
2028	139,291	161945	162919
2029	143,066	168426	168460
2030	146,920	175044	174118
2031	150,857	181804	179896
2032	154,878	188709	185799
2033	158,987	195765	191831
2034	163,187	202976	197995
2035	167,480	210348	204297
2036	171,870	217886	210741
2037	176,360	225595	217332
2038	180,953	233482	224073
2039	185,653	241551	230972
2040	190,462	249810	238031
2041	195,385	258263	245258
2042	200,426	266918	252657

Lampiran. 28 Model peramalan 4 (moderate) trayek tarakan-malinau

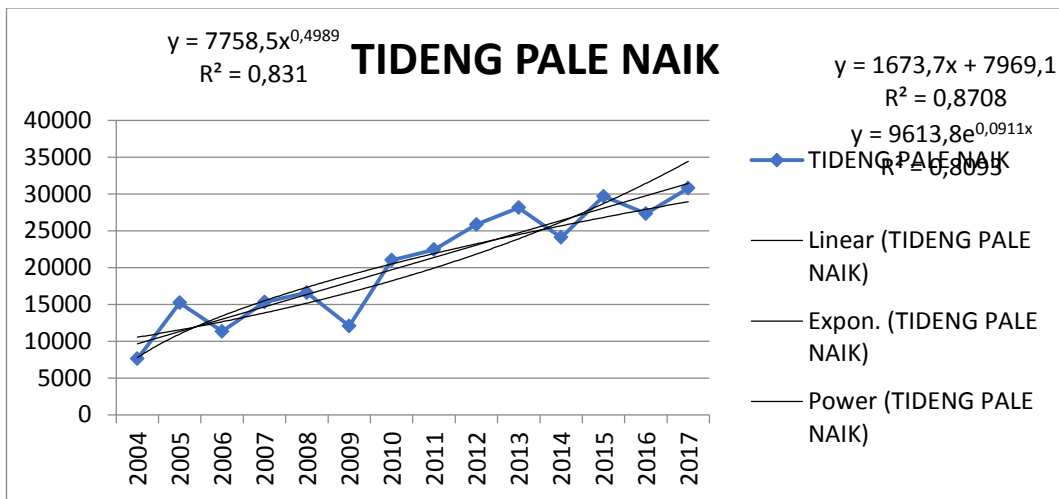
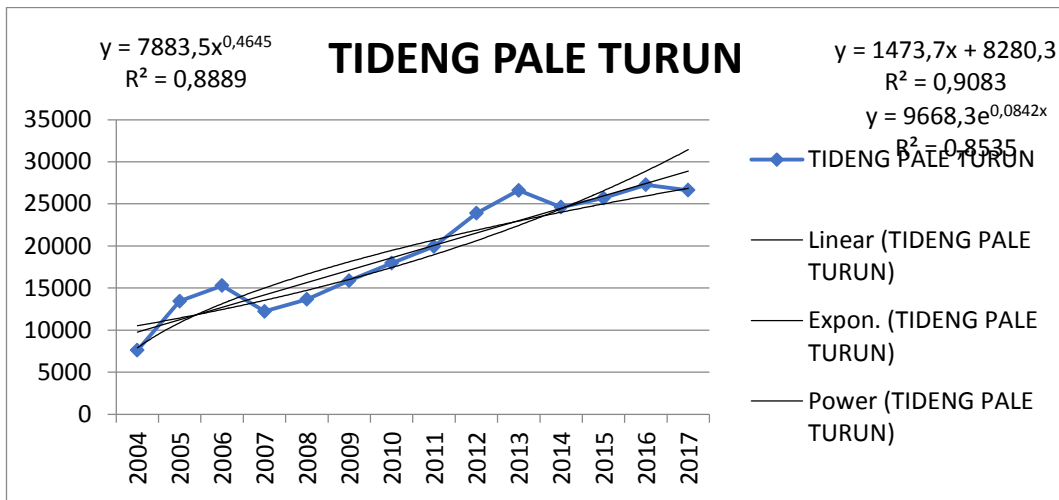
Tahun	PENUMPANG NAIK	PROYEKSI		
		RENDAH	TINGGI	MODERATE
2004	27,474			
2005	55,034			
2006	40,955			
2007	55,290			
2008	59,932			
2009	43,604			
2010	75,866			
2011	81,063			
2012	93,441			



Tahun	PENUMPANG NAIK	PROYEKSI		
		RENDAH	TINGGI	MODERATE
2013	101,658			
2014	87,044			
2015	107,303			
2016	98,776			
2017	111,261			
2018		119,575	113,173	116,374
2019		125,625	117,732	121,679
2020		131,676	122,376	127,026
2021		137,727	127,107	132,417
2022		143,778	131,928	137,853
2023		149,829	136,842	143,335
2024		155,880	141,852	148,866
2025		161,931	146,961	154,446
2026		167,982	152,174	160,078
2027		174,033	157,492	165,762
2028		180,084	162,919	171,501
2029		186,134	168,460	177,297
2030		192,185	174,118	183,152
2031		198,236	179,896	189,066
2032		204,287	185,799	195,043
2033		210,338	191,831	201,084
2034		216,389	197,995	207,192
2035		222,440	204,297	213,368
2036		228,491	210,741	219,616
2037		234,542	217,332	225,937
2038		240,593	224,073	232,333
2039		246,643	230,972	238,807
2040		252,694	238,031	245,363
2041		258,745	245,258	252,002
2042		264,796	252,657	258,726



iran. 29 Model peramalan 1 (tren data) trayek tarakan-tideng pale



NO	TAHUN	TIDENG PALE	
		TURUN	NAIK
1	2004	7595.457447	7599.078534
2	2005	13447.23556	15222.13463
3	2006	15292.68237	11328.02693
4	2007	12218.20213	15293.07554
5	2008	13648.04407	16576.8377
6	2009	15879.81611	12060.77188
7	2010	17945.57143	20984.27524
8	2011	19948.97416	22421.70381
9	2012	23883.23252	25845.47794
10	2013	26614.35866	28118.09574
11	2014	24602.24316	24076.09723
12	2015	25689.7386	29679.67091
13	2016	27268.46809	27321.11892
14	2017	26624.1383	30774.41286



NO	TAHUN	TIDENG PALE	
		TURUN	NAIK
15	2018	30385.8	33074.6
16	2019	31859.5	34748.3
17	2020	33333.2	36422
18	2021	34806.9	38095.7
19	2022	36280.6	39769.4
20	2023	37754.3	41443.1
21	2024	39228	43116.8
22	2025	40701.7	44790.5
23	2026	42175.4	46464.2
24	2027	43649.1	48137.9
25	2028	45122.8	49811.6
26	2029	46596.5	51485.3
27	2030	48070.2	53159
28	2031	49543.9	54832.7
29	2032	51017.6	56506.4
30	2033	52491.3	58180.1
31	2034	53965	59853.8
32	2035	55438.7	61527.5
33	2036	56912.4	63201.2
34	2037	58386.1	64874.9
35	2038	59859.8	66548.6
36	2039	61333.5	68222.3
37	2040	62807.2	69896
38	2041	64280.9	71569.7
39	2042	65754.6	73243.4

Lampiran. 30 Model peramalan 2 (pertumbuhan muatan) trayek tarakan-tideng pale

NO	TAHUN	PENUMPANG			
		TURUN (Org)	PERTUMBUHAN	NAIK (Org)	PERTUMBUHAN
1	2004	7,595		7,599	
2	2005	13,447	0.770	15,222	1.003
	2006	15,293	0.137	11,328	(0.256)
	2007	12,218	(0.201)	15,293	0.350
	2008	13,648	0.117	16,577	0.084
	2009	15,880	0.164	12,061	(0.272)
	2010	17,946	0.130	20,984	0.740



NO	TAHUN	PENUMPANG			
		TURUN (Org)	PERTUMBUHAN	NAIK (Org)	PERTUMBUHAN
8	2011	19,949	0.112	22,422	0.069
9	2012	23,883	0.197	25,845	0.153
10	2013	26,614	0.114	28,118	0.088
11	2014	24,602	(0.076)	24,076	(0.144)
12	2015	25,690	0.044	29,680	0.233
13	2016	27,268	0.061	27,321	(0.079)
14	2017	26,624	(0.024)	30,774	0.126

0.119

0.161

15	2018	29,792.19		35,730.99
16	2019	33,337.22		41,485.88
17	2020	37,304.07		48,167.66
18	2021	41,742.94		55,925.63
19	2022	46,710.01		64,933.10
20	2023	52,268.12		75,391.33
21	2024	58,487.59		87,533.98
22	2025	65,447.13		101,632.34
23	2026	73,234.80		118,001.41
24	2027	81,949.13		137,006.91
25	2028	91,700.40		159,073.47
26	2029	102,612.00		184,694.10
27	2030	114,821.98		214,441.23
28	2031	128,484.84		248,979.49
29	2032	143,773.48		289,080.53
30	2033	160,881.33		335,640.30
31	2034	180,024.88		389,699.08
32	2035	201,446.36		452,464.64
33	2036	225,416.81		525,339.33
34	2037	252,239.55		609,951.34
35	2038	282,253.97		708,191.09
36	2039	315,839.87		822,253.50
37	2040	353,422.20		954,686.98
38	2041	395,476.52		1,108,450.41
39	2042	442,534.96		1,286,979.24



Lampiran. 31 Model peramalan 3 (Regresi penduduk) trayek tarakan-tideng pale

SUMMARY OUTPUT TURUN								
<i>Regression Statistics</i>								
Multiple R	0,853024177							
R Square	0,727650247							
Adjusted R Square	0,673180296							
Standard Error	1997,034508							
Observations	7							
<i>ANOVA</i>								
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>			
Regression	1	53276641,29	53276641,29	13,3587462	0,014671945			
Residual	5	19940734,14	3988146,827					
Total	6	73217375,43						
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	5055,228326	5158,795876	0,979924085	0,372126746	-8205,878641	18316,34	-8205,88	18316,335
X Variable 1	0,97868217	0,267768094	3,654961861	0,014671945	0,290362373	1,667002	0,290362	1,667002

SUMMARY OUTPUT NAIK								
<i>Regression Statistics</i>								
Multiple R	0,744216							
R Square	0,553858							
Adjusted R Square	0,46463							
Standard Error	2307,139							
Observations	7							
<i>ANOVA</i>								
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>			
Regression	1	33040216,26	33040216,26	6,207194	0,055065			
Residual	5	26614453,8	5322890,76					
Total	6	59654670,06						
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	10803,59	5959,866767	1,81272369	0,129617	-4516,73	26123,917	-4516,733573	26123,92
X Variable 1	0,770717	0,309347802	2,491424116	0,055065	-0,02449	1,5659204	-0,024487266	1,56592

Tahun	JUMLAH PENDUDUK	PENUMPANG	
		TURUN	NAIK
2010	15,202	17,946	20,984
2011	16,356	19,949	22,422
2012	17,079	23,883	25,845
2013	18,985	26,614	28,118
2014	20,400	24,602	24,076
2015	21,891	25,690	29,680
2016	23,497	27,268	27,321



Tahun	JUMLAH PENDUDUK	PENUMPANG	
		TURUN	NAIK
2017	24,970	29493	30048
2018	26,624	31112	31323
2019	28,351	32802	32654
2020	30,155	34567	34044
2021	32,042	36414	35499
2022	34,019	38349	37022
2023	36,091	40377	38620
2024	38,268	42507	40297
2025	40,555	44746	42060
2026	42,962	47102	43915
2027	45,498	49584	45870
2028	48,173	52201	47931
2029	50,996	54964	50107
2030	53,979	57884	52406
2031	57,135	60972	54838
2032	60,476	64242	57413
2033	64,015	67706	60141
2034	67,769	71380	63035
2035	71,754	75279	66105
2036	75,986	79421	69367
2037	80,484	83823	72834
2038	85,269	88506	76522
2039	90,362	93491	80447
2040	95,786	98799	84628
2041	101,567	104457	89083
2042	107,731	110489	93833

Lampiran. 32 Model peramalan 4 (moderate) trayek tarakan-tideng pale

Tahun	PENUMPANG NAIK	PROYEKSI		
		RENDAH	TINGGI	MODERATE
2004	7,599			
2005	15,222			
2006	11,328			
2007	15,293			
2008	16,577			
2009	12,061			
2010	20,984			
2011	22,422			



Tahun	PENUMPANG NAIK	PROYEKSI		
		RENDAH	TINGGI	MODERATE
2012	25,845			
2013	28,118			
2014	24,076			
2015	29,680			
2016	27,321			
2017	30,774			
2018		33,075	31,323	32,199
2019		34,748	32,654	33,701
2020		36,422	34,044	35,233
2021		38,096	35,499	36,797
2022		39,769	37,022	38,396
2023		41,443	38,620	40,031
2024		43,117	40,297	41,707
2025		44,791	42,060	43,425
2026		46,464	43,915	45,190
2027		48,138	45,870	47,004
2028		49,812	47,931	48,871
2029		51,485	50,107	50,796
2030		53,159	52,406	52,783
2031		54,833	54,838	54,836
2032		56,506	57,413	56,960
2033		58,180	60,141	59,161
2034		59,854	63,035	61,444
2035		61,528	66,105	63,816
2036		63,201	69,367	66,284
2037		64,875	72,834	68,854
2038		66,549	76,522	71,535
2039		68,222	80,447	74,335
2040		69,896	84,628	77,262
2041		71,570	89,083	80,326
2042		73,243	93,833	83,538



Lampiran. 33 Jadwal Rinci Keberangkatan Kapal

**KEBERANGKATAN
PELABUHAN TENGGAYU 1 TARAkan**

TRAYEK TARAkan - TANJUNG SELOR

NO	NAMA KAPAL	KAPASITAS	JAM BERANGKAT
1	SB. MINSAN EXPRESS - VIII	42	07.00
2	SB. MENARA GADING	40	07.25
3	SB. SIMPATI	35	07.50
4	SB. ANDALAS - II	47	08.15
5	SB. LIMEX 2000 PERMAI	55	08.40
6	SB. TRIPUTRI TD 2004	40	09.05
7	SB. PUTRA DEWI	40	09.05
8	SB. REJEKI BARU KHARISMA	52	09.30
9	SB. BORNEO INDAH	39	09.55
10	SB. MENARA INDAH NIKLAS EXP	45	10.15
11	SB. TARAkan EXSPRESS	34	10.20
12	SB. TRIPUTRI TUNGGAL DEWI	45	11.10
13	SB. MENARA BARU EXP JUNIOR	50	11.35
14	SB. KALIMANTAN	47	12.00
15	SB. ANDALAS - I	35	12.25
16	SB. ANUGRAH EXSPRESS	42	12.50
17	SB. TANJUNG EXPRESS	52	13.15
18	SB. LIMEX MANORA	58	13.40
19	SB. GEMBIRA - 01	56	14.05
20	SB. LIMEX 2000 GHANANK	42	14.30
21	SB. SEKATAK EXSPRESS	37	14.55
22	SB. BULUNGAN EXPRESS	44	15.20
23	SB. ANUGRAH JOHA	47	15.45

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TRAYEK TARAkan - PULAU BUNYU

NO	NAMA KAPAL	KAPASITAS	JAM BERANGKAT
1	SB. TRIPUTRI TUNGGAL DEWI	54	09.00
2	SB. HARAPAN KU EXPRESS	32	12.00
3	SB. HARAPAN KU EXPRESSS	40	14.00
4	SB. MINSAN EXPRESS	47	14.00
	HARAPAN KU EXP ex DEWI M.	42	14.00
	RAHAYU - II	34	15.00
	RAHAYU - III	57	15.00
	HARAPAN KU EXPRESS	64	16.00



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TRAYEK TARAKAN - SEMBAKUNG

NO	NAMA KAPAL	KAPASITAS	JAM BERANGKAT
1	SB. ATAP EXPRESS	30	09.00
2	SB. JAYA ABADI	32	09.00
3	SB. PANGUNTAKA-07	20	09.00
4	SB. PANGUNTAKA EXPRESS - 01	30	09.00

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TRAYEK TARAKAN - NUNUKAN

NO	NAMA KAPAL	KAPASITAS	JAM BERANGKAT
1	SB. SADEWA GEMILANG	60	07.00
2	SB. MALINDO TRI PUTRA	46	09.15
3	SB. NEO SADEWA MANDIRI	40	10.15
4	SB. DC-01	34	12.00
5	SB. TRI PUTRI TUNGGAL DEWI 2016	54	13.00
6	SB. MINSAN EXPRESS - X	40	14.00
7	SB. DEWA SEBAKIS SAKTI	38	14.30

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TRAYEK TARAKAN - SUNGAI NYAMUK

NO	NAMA KAPAL	KAPASITAS	JAM BERANGKAT
1	SB. SINAR BARU - IV	30	09.30
2	SB. SADEWA	60	13.30
3	SB. SADEWA PRIMA	46	13.30

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TRAYEK TARAKAN - MALINAU

NO	NAMA KAPAL	KAPASITAS	JAM BERANGKAT
1	SB. HARAPAN BARU EXPRESS	42	07.00
2	SB. MALINAU EXPRESS 8	40	07.30
3	SB. MALINAU EXPRESS	35	07.30
4	SB. MENARA BARU EXP JR	47	08.00
5	SB. MENARA BARU EXP JR	55	09.00
6	SB. MENARA BARU EXPRESS	40	09.00
7	SB. HARAPAN BARU 18	40	10.00
	HARAPAN BARU EXPRESS VII	52	10.00
	HARAPAN BARU - IX	39	10.00
	MENARA BARU EXP JR	45	11.00
	MENARA INDAH - II	34	12.00



12	SB. MALINAU EXPRESS VI	45	13.00
13	SB. MALINAU EXPRESS	50	14.00

564

TRAYEK TARAKAN - TIDENGPALÉ

NO	NAMA KAPAL	KAPASITAS	JAM BERANGKAT
1	SB. MINSÉN EXPRESS - I	34	08.15
2	SB. GEMBIRA EXPRESS - II	25	08.15
3	SB. HARAPAN BARU EXPRESS - XII	35	14.15
4	SB. HARAPAN BARU XI	25	14.15
5	SB. PRESIDIUM EXPRESS - 1	37	15.15

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Lampiran. 34 Jadwal Rinci Kedatangan Kapal

KEDATANGAN**PELABUHAN TENGGAYU 1 TARAKAN**

TRAYEK TARAKAN - TANJUNG SELOR

NO	NAMA KAPAL	KAPASITAS	JAM KEDATANGAN
1	SB. MENARA BARU EXP JUNIOR	50	08.30
2	SB. KALIMANTAN	47	09.00
3	SB. ANDALAS - I	35	09.30
4	SB. ANUGRAH EXPRESS	42	09.30
5	SB. GEMBIRA - 01	56	10.00
6	SB. BULUNGAN EXPRESS	44	10.20
7	SB. TANJUNG EXPRESS	53	10.45
8	SB. LIMEX MANORA	58	11.00
9	SB. LIMEX 2000 GHANANK	42	11.15
10	SB. SEKATAK EXSPRESS	37	11.55
11	SB. ANUGRAH JOHAN	47	12.30
12	SB. MINSÉN EXPRESS - VIII	42	14.15
13	SB. MENARA GADING	40	14.00
14	SB. SIMPATI	35	14.00
15	SB. ANDALAS - II	47	14.30
16	SB. LIMEX 2000 PERMAI	55	15.00
17	SB. TRI PUTRI TD 2004	40	15.30
	SB. MENARA INDAH NIKLAS EXP	45	16.00
	SB. REJEKI BARU KHARISMA	52	16.10
	SB. BORNEO INDAH	39	16.20
	SB. TARAKAN EXPRESS	34	16.30



22	SB. PUTRA DEWI	40	17.30
23	SB. TRI PUTRI TUNGGAL DEWI	45	17.30
		1025	

TRAYEK TARAKAN - PULAU BUNYU

NO	NAMA KAPAL	KAPASITAS	JAM BERANGKAT
1	SB. HARAPAN KU EXPRESS	32	08.00
2	SB. HARAPAN KU EXPRESSS	40	09.00
3	SB. MINS EN EXPRESS	47	09.00
4	SB. HARAPAN KU EXP ex DEWI M.	42	09.00
5	SB. RAHAYU - II	34	10.00
6	SB. RAHAYU - III	57	10.00
7	SB. HARAPAN KU EXPRESS	64	11.00
8	SB. TRI PUTRI TUNGGAL DEWI	54	16.00
		370	

TRAYEK TARAKAN - SEMBAKUNG

NO	NAMA KAPAL	KAPASITAS	JAM BERANGKAT
1	SB. ATAP EXPRESS	30	12.00
2	SB. JAYA ABADI	32	12.00
3	SB. PANGUN T AKA-07	20	12.00
4	SB. PANGUN T AKA EXPRESS - 01	30	12.00
		112	

TRAYEK TARAKAN - NUNUKAN

NO	NAMA KAPAL	KAPASITAS	JAM BERANGKAT
1	SB. DEWA SEBAKIS SAKTI	38	09.45
2	SB. DC-01	34	10.10
3	SB. TRI PUTRI TUNGGAL DEWI 2016	54	10.30
4	SB. MINS EN EXPRESS - X	40	11.00
5	SB. SADEWA GEMILANG	60	14.00
6	SB. MALINDO TRI PUTRA	46	15.20
7	SB. NEO SADEWA MANDIRI	40	16.00
		312	

TRAYEK TARAKAN - SUNGAI NYAMUK

NO	NAMA KAPAL	KAPASITAS	JAM BERANGKAT
	SINAR BARU - IV	30	12.30
	SADEWA	60	16.30
	SADEWA PRIMA	46	16.30
		136	



TRAYEK TARAKAN - MALINAU

NO	NAMA KAPAL	KAPASITAS	JAM BERANGKAT
1	SB. MENARA INDAH - II	42	09.00
2	SB. MALINAU EXPRESS VI	42	11.30
3	SB. MALINAU EXPRESS	47	12.30
4	SB. HARAPAN BARU 18	40	13.00
5	SB. HARAPAN BARU - IX	40	13.00
6	SB. HARAPAN BARU EXPRESS VII	36	13.00
7	SB. HARAPAN BARU EXPRESS	45	15.00
8	SB. MALINAU EXPRESS 8	35	15.30
9	SB. MALINAU EXPRESS	36	15.30
10	SB. MENARA BARU EXP JR	42	16.00
11	SB. MENARA BARU EXPRESS	32	16.00
12	SB. MENARA BARU EXP JR	42	16.00
13	SB. MENARA BARU EXP JR	42	17.00

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TRAYEK TARAKAN - TIDENGPALÉ

NO	NAMA KAPAL	KAPASITAS	JAM BERANGKAT
1	SB. PRESIDUM EXPRESS - 1	37	10.00
2	SB. HARAPAN BARU EXPRESS - XII	35	11.30
3	SB. HARAPAN BARU XI	25	11.30
4	SB. MINSÉN EXPRESS - I	34	15.30
5	SB. GEMBIRA EXPRESS - II	25	15.30

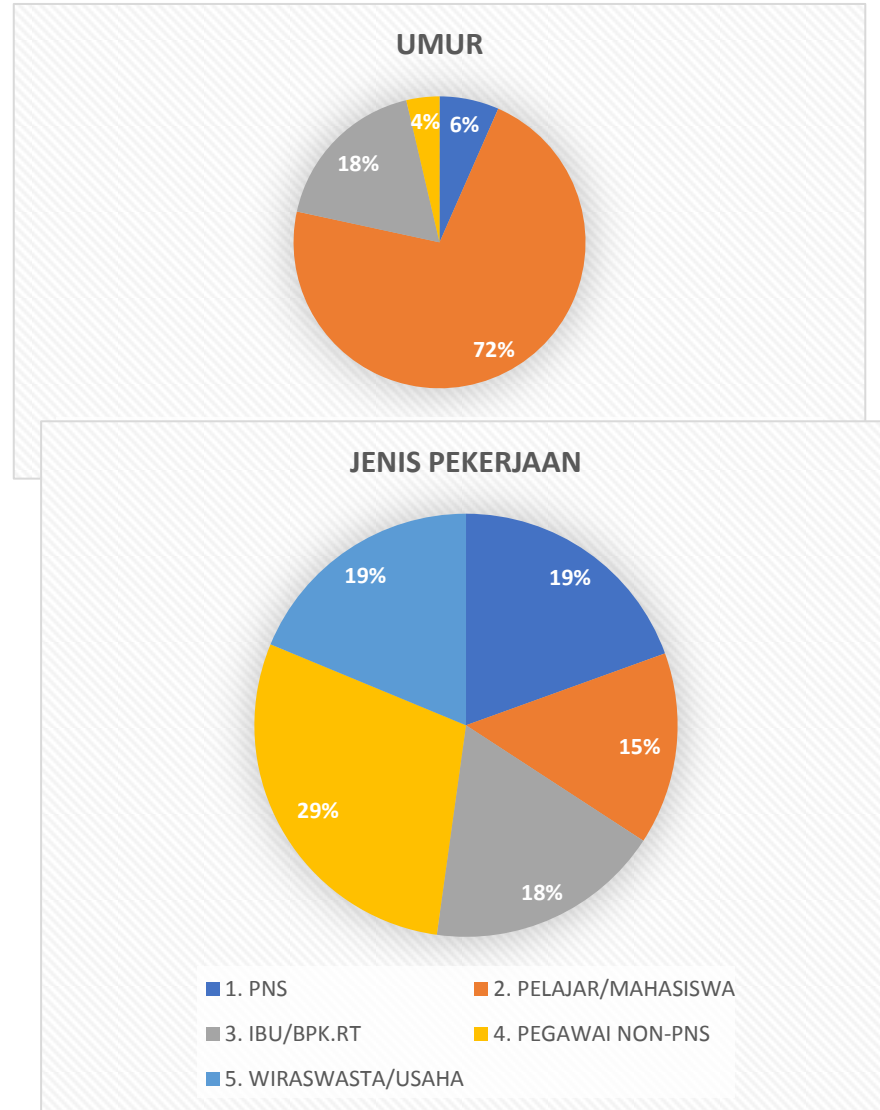
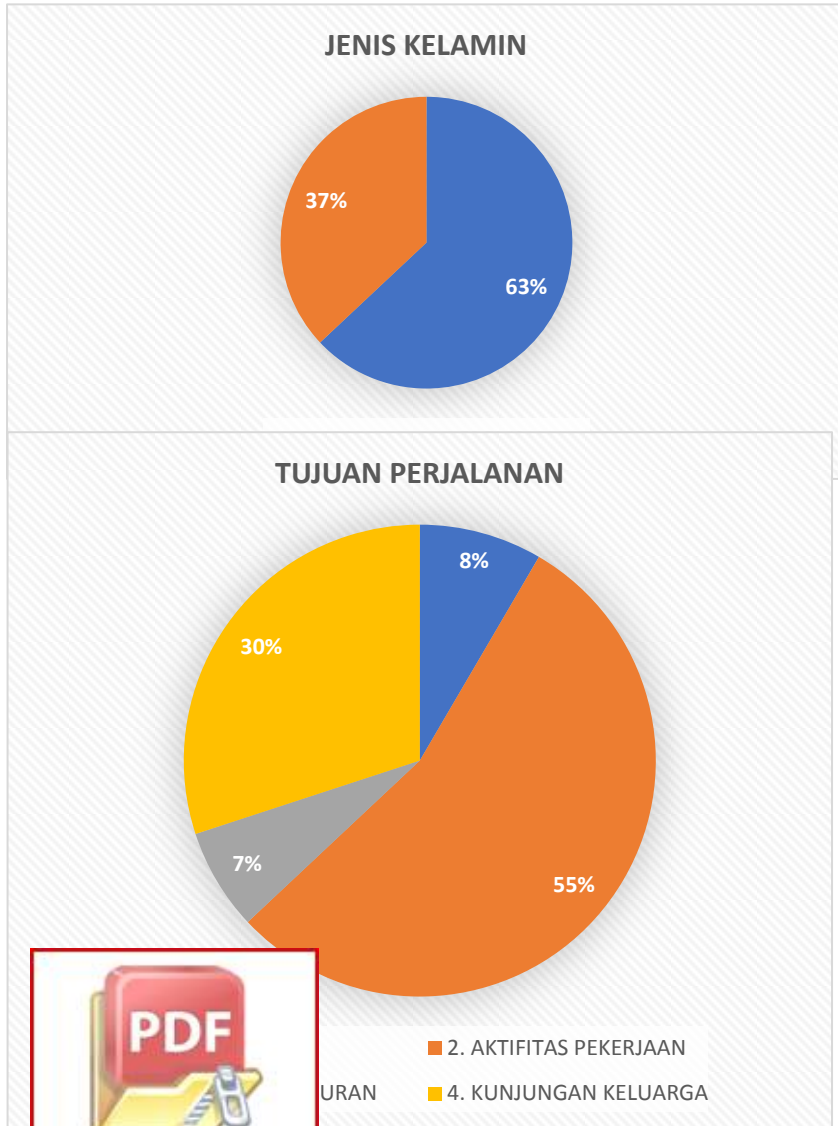


Lampiran. 35 Rekap Data Karakteristik Responden

KARAKTERISTIK	JUMLAH
JENIS KELAMIN	
LAKI-LAKI	172
PEREMPUAN	101
UMUR	
1. 10-20 TAHUN	18
2. 20-40 TAHUN	196
3. 40-60 TAHUN	49
4. 60-80 TAHUN	10
JENIS PEKERJAAN	
1. PNS	53
2. PELAJAR/MAHASISWA	40
3. IBU/BPK.RT	49
4. PEGAWAI NON-PNS	79
5. WIRASWASTA/USAHA	51
TUJUAN PERJALANAN	
1. BERDAGANG	23
2. AKTIFITAS PEKERJAAN	149
3. REKREASI/HIBURAN	19
4. KUNJUNGAN KELUARGA	82



Lampiran. 36 Grafik Karakteristik Responden





Optimization Software:
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