

LAMPIRAN

1. Lampiran 1

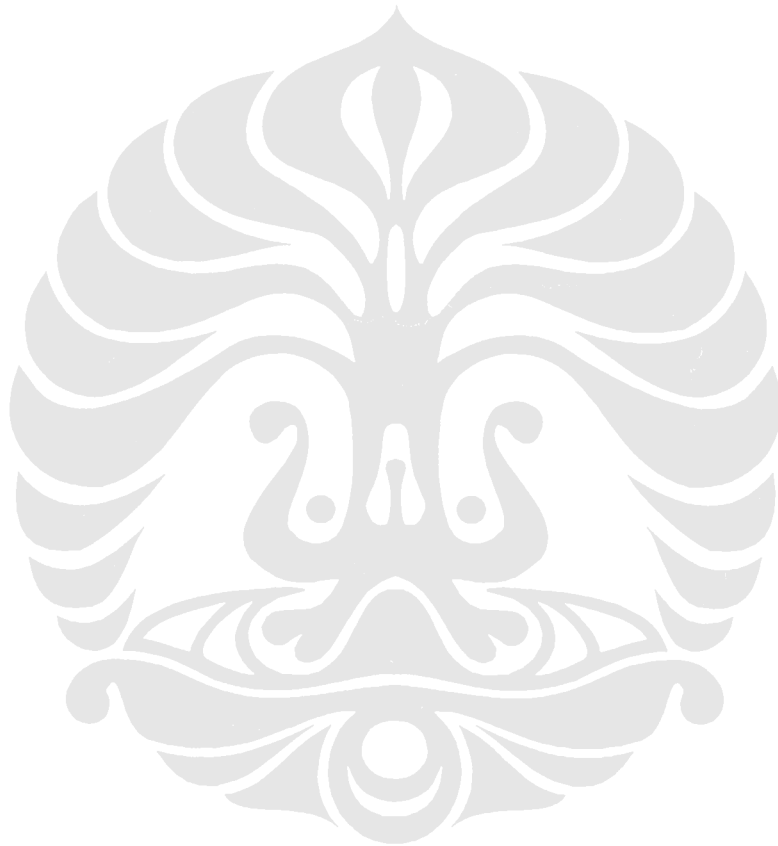
Kapasitas Terpasang Perusahaan Kayu Lapis di Indonesia Tahun 2004

Nama Perusahaan	Lokasi Pabrik	Kapasitas Produksi (m ³ /tahun)	Group
PT Kayu Lapis Indonesia	Jawa Tengah	480000	Kayu Lapis Indonesia
PT Arika Optima Inti	Maluku	390000	Djajanti
PT Mangole Timber Producers	Maluku	288000	Barito Pacific
PT Tunggal yudi sawmill	Kalimantan Timur	283200	Barito Pacific
PT Barito Pacific Timber Tbk	Kalimantan Selatan	272100	Barito Pacific
PT Henrison Iriana	Papua	240000	Kayu Lapis Indonesia
PT Tunggal Agathis Indah	Maluku	240000	Barito Pacific
PT Sumalindo Lestari Jaya Tbk	Kaltim dan Papua	225000	Barito Pacific
PT Duta Rendra Mulya	Kalimantan Barat	200000	Indo Plywood
PT Daya Sakti Unggul Corporation Tbk	Kalimantan Selatan	174000	Daya Sakti
PT Kayu Alam Perkasa	Kalimantan Timur	140000	Alas Kusuma
PT Surya Dumai Industri Tbk	Riau	140000	Surya Dumai
PT Korindo Ariabima Sari	Kalimantan Tengah	130000	Korindo
PT Gruti	Aceh	131400	Mujur Timber
PT Mugi Trimman	Jambi	126100	Alas Kusuma
PT Kodeco Batulicin	Kalimantan Selatan	120000	Kodeco
PT Sumber Mas Indah Plywood	Jawa Timur	120000	Sumber Mas
PT Korindo Abadi	Riau	119000	Korindo
PT Tanjung Raya Plywood	Kalimantan Selatan	117500	Tanjung Raya
PT Wana Bangun Agung	Kalimantan Barat	115000	Hutrindo
PT Tanjung Selatan Makmur	Kalimantan Selatan	105000	Tanjung Raya
PT Bade makmur Orissa	Papua	100000	Korindo
PT Kayu Lapis Asli Murni	Kalimantan Timur	100000	Indo Plywood
PT Kodeco Memberamo	Papua	100000	Kodeco

PT Nansari Prima Plywood	Jambi	96000	Barito Pacific
PT Suka Jaya Makmur	Kalimantan Barat	96000	Alas Kusuma
PT perawang Lumber Industri	Riau	95400	Surya Dumai
PT Kalhold Utama	Kalimantan Timur	90000	Kalimanis
PT Katan Prima Permai	Kalimantan Selatan	90000	Priosoetanto Int.
PT Kayan River Indah Plywood	Kalimantan Timur	90000	Sumber Mas
PT Sangkulirang Bakti	Kalimantan Timur	90000	Barito Pacific
PT Prabu Alaska	Merauke, Papua	90000	Prabu Alaska
PT Asia Forestama Medan	Sumatera Utara	85000	Asia Forestama
PT Mujur Timber	Sumatera Utara	85000	Mujur Timber
PT Central Karda	Kalimantan Tengah	78000	Korindo
PT Hutan Domas Raya	Kalimantan Tengah	76000	Hutrindo
PT Tri Ekasari Kalimantan	Kalimantan Barat	74000	Bumi Raya
PT Sari Bumi Kusuma	Kalimantan Barat	72000	Alas Kusuma
PT Satya Raya Indah Woodbased	Anyer, Serang	72000	Satya Raya Indah
PT Rimba Kayu Arthamas	Manokwari, Papua	70000	Prabu Alaska
PT Jati Dharma Indah	Maluku	68600	Kalimanis
PT Kurnia Kapuas Utama	Kalimantan Timur	66800	Bumi Raya
PT Harjohn Timber	Kalimantan Barat	64000	Alas Kusuma
PT Surya Satria Timur	Kalimantan Selatan	64000	Surya Satria Timur
PT Meranti Sakti Indah Plywood	Kalimantan Timur	60000	Sumber Mas
PT Ine Donghwa	Kalimantan Timur	60000	Korindo
PT Putra Sumber Utama	Jambi	60000	Palopo
PT Arut Bulik Timber	Kalimantan Tengah	52000	Korindo
PT Kurnia Musi Plywood	Sumatera Selatan	50000	Priosoetanto Int.
PT Sukses Sumatera Timur	Sumatera Selatan	50000	Satya Raya Indah
PT Dusun Aro Forest	Jambi	48000	Barito Pacific
PT Kampari Wood Industries	Riau	48000	Barito Pacific
PT Panca Usaha Palopo	Sulawesi Selatan	48000	Palopo
PT Pertiwi Prima Plywood	Riau	45000	Pertiwi
PT Indah Raya Widya Plywood	Sumatera Selatan	45000	Priosoetanto Int.
PT Gany Mulia Sejahtera	Kalimantan Timur	42000	Kalimanis
PT Jati Cahaya Cemerlang	Maluku	42000	Kalimanis

PT Asia Forestama Pekanbaru	Riau	40000	Asia Forestama
Lainnya		4677900	
	Total	11125000	

Sumber: Direktorat Jenderal Bina Produksi Kehutanan



2. Lampiran 2

Perkembangan Produksi Kayu Lapis (M3) Per Propinsi Tahun 1992-2006

Propinsi	Tahun								Total
	1993/1994	1995/1996	1996/1997	1997/1998	1998/1999	1999/2000	2002	2006	
Aceh	124029	124484	277521.1	24134.52	79561	35474.86	-	-	665204.5
Sumatera Utara	371119	419824.9	562739.5	321447.5	288748.9	129100.3	110172	98807	2301959
Sumatera Barat	92697	89443	94819.61	19970	66628.84	53941.55	-	-	417500
Riau	1012873	845248.2	984792.2	917832.6	564404.5	398015.3	-	-	4723165.8
Kep.Riau	-	-	-	-	-	-	-	-	0
Jambi	562697	703614.3	727470.5	643872.8	659050.2	339228.8	-	-	3635933.6
Sumatera Selatan	240700	176380	205933.9	124766.2	146098.3	63770.35	1246	64597	1023491.7
Bangka Belitung	-	-	-	-	-	-	-	-	0
Bengkulu	-	5131.59	-	-	-	-	-	-	5131.59
Lampung	31402	15482.77	73668.24	49648.02	19285.82	2847.63	-	78603	270937.48
Banten	-	-	-	-	-	-	-	242888	242888
DKI Jakarta	-	-	-	-	-	-	-	-	0
Jawa Barat	178416	23513.38	80436.98	23411.66	-	-	-	-	305778.02
Jawa Tengah	336028	228306	-	74434.35	123980.8	54683.37	269481	175717	1262630.5
D.I Yogyakarta	-	-	-	-	-	-	-	-	0
Jawa Timur	433553	335985	472782.4	297103.8	239519.8	44782.42	222904	218955	2265585.4
Bali	-	-	-	-	-	-	-	-	0
Timor Timur	-	48	-	-	-	-	-	-	48
NTB	-	96190	-	-	-	-	-	-	96190
NTT	-	-	-	-	-	-	-	-	0
Kalimantan Barat	1364430	1417840	1879171	836192.4	1047722	890904.7	-	368475	7804735
KalimantanTengah	259798	310083.7	684851.5	259591.8	230882.9	165813.6	151187	200154	2262362.6
Kalimantan Timur	2115616	1811976	1912803	1085003	1324821	1053532	80622	811816	10196190
KalimantanSelatan	1441775	1212970	1577923	986103.5	1496518	1004049	800056	467206	8986600.3
Sulawesi Utara	-	41557.94	-	-	-	-	-	-	41557.94
Sulawesi Tengah	-	-	-	-	-	-	-	-	0

3. Hasil Regresi Fungsi Produksi

Periode 1993-1995

Constrained linear regression

Number of obs = 114

Root MSE = .75385

(1) - ln_lab - ln_cs = -1

ln_va	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
ln_lab	.595745	.0693462	8.59	0.000	.4583444	.7331456
ln_cs	.404255	.0693462	5.83	0.000	.2668544	.5416556
_cons	-2.525072	.3223255	-7.83	0.000	-3.163718	-1.886425

Periode 1995-1997

Constrained linear regression

Number of obs = 58

Root MSE = .83211

(1) - ln_cs - ln_lab = -1

ln_va	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
ln_cs	.414879	.08327	4.98	0.000	.2480692	.5816887
ln_lab	.585121	.083277	.03	0.000	.4183113	.7519308
_cons	2.501687	.4111418	6.08	0.000	1.678071	3.325303

Periode 1997-1999

Constrained linear regression

Number of obs = 41

Root MSE = 1.1338

(1) - ln_cs - ln_lab = -1

ln_va	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
ln_cs	.0350307	.097914	0.36	0.722	-.163019	.2330803
ln_lab	.9649693	.097914	9.86	0.000	.7669197	1.163019
_cons	4.222653	.4480899	9.42	0.000	3.316306	5.129

2. Rangkuman Analisa Deskriptif

Model 1

Periode 1993-1995

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. summ tfpg dstats prprex rimput agf pdrbcap hph agl sales inflasi
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Variable	Obs	Mean	Std. Dev.	Min	Max
tfpg	57	.0233033	.9949398	-2.227678	5.531159
dstats	62	.7258065	.4497487	0	1
prprex	62	73.56452	29.23765	0	100
rimput	62	.0302651	.078054	0	.3348618
agf	62	13.04839	5.258646	2	29
pdrbcap	62	3209720	2516464	960688.6	1.05e+07
hph	62	4059261	3845497	0	1.16e+07
agl	62	.5480037	.3253123	.0000309	1
sales	62	9.32e+07	1.67e+08	101872	1.32e+09
inflasi	62	8.379355	.8671015	6.36	9.49

```
. regress tfpg dstats prprex rimput agf pdrbcap agl hph sales inflasi
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Source	SS	df	MS	Number of obs =	57
Model	17.1864517	9	1.90960574	F(9, 47) =	2.35
Residual	38.2482371	47	.813792278	Prob > F =	0.0281
				R-squared =	0.3100
				Adj R-squared =	0.1779
Total	55.4346887	56	.989905155	Root MSE =	.9021

tfpg	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
dstats	-.0810445	.3217826	-0.25	0.802	-.7283875 .5662986
prprex	-.0059825	.004671	-1.28	0.207	-.0153795 .0034144
rimput	-3.427515	1.861272	-1.84	0.072	-7.171912 .3168816
agf	-.0554557	.0255722	-2.17	0.035	-.1069004 -.0040111
pdrbcap	-1.40e-07	5.38e-08	-2.60	0.013	-2.48e-07 -3.15e-08
agl	.5291348	.5008238	1.06	0.296	-.4783927 1.536662
hph	1.63e-08	4.06e-08	0.40	0.690	-6.54e-08 9.79e-08
sales	7.58e-09	2.64e-09	2.86	0.006	2.26e-09 1.29e-08
inflasi	-.3016194	.1578215	-1.91	0.062	-.6191152 .0158764
_cons	3.427638	1.566636	2.19	0.034	.275973 6.579303

Periode 1995-1997

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. summ tfpg prprex dstats sales rimput agf pdrbcap hph agl inflasi
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Variable	Obs	Mean	Std. Dev.	Min	Max
tfpg	31	-.0089577	.6984376	-1.367057	2.032885
prprex	32	56.34375	38.69784	0	100
dstats	32	.03125	.1767767	0	1
sales	32	8.65e+07	8.74e+07	101798	2.86e+08
rimput	32	.0084064	.0369577	0	.2055765

agf	32	12.6875	5.402732	2	31
pdrbcap	32	3659749	3361309	1100452	1.53e+07
hph	32	3199776	3393386	0	1.23e+07
agl	31	.7081521	.3267974	.1862454	1
inflasi	32	10.56781	1.883509	7.38	13.1

. regress tfpg prprex dstats sales rimput agf pdrbcap hph agl inflasi

Source	SS	df	MS	Number of obs =	30
-----+-----				F(9, 20) =	1.57
Model	5.96051918	9	.662279909	Prob > F =	0.0191
Residual	8.43641724	20	.421820862	R-squared =	0.4140
-----+-----				Adj R-squared =	0.1503
Total	14.3969364	29	.496446084	Root MSE =	.64948

tfpg	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
-----+-----					
prprex	-.0083603	.0039559	-2.11	0.047	-.0166122 - .0001084
dstats	1.03757	.8037475	1.29	0.211	-.6390177 2.714158
sales	1.64e-09	1.71e-09	0.96	0.349	-1.93e-09 5.20e-09
rimput	-2.337785	3.35316	-0.70	0.494	-9.332355 4.656785
agf	.0268241	.0276853	0.97	0.344	-.0309264 .0845746
pdrbcap	2.02e-08	5.42e-08	0.37	0.713	-9.28e-08 1.33e-07
hph	-8.23e-09	5.03e-08	-0.16	0.872	-1.13e-07 9.66e-08
agl	.3797128	.4705218	0.81	0.429	-.6017784 1.361204
inflasi	.1235019	.0990199	1.25	0.227	-.0830499 .3300537
_cons	-1.654352	1.225068	-1.35	0.192	-4.209799 .9010942
-----+-----					

Periode 1997-1999

. summ tfpg dstats prprex sales rimput agf agl pdrbcap hph inflasi

Variable	Obs	Mean	Std. Dev.	Min	Max
-----+-----					
tfpg	28	-.1069331	5.45507	-24.769	13.28024
dstats	32	.03125	.1767767	0	1
prprex	32	36.65625	41.29486	0	98
sales	32	2.09e+08	2.16e+08	127000	1.04e+09
rimput	32	.0326322	.0859386	0	.3675668
-----+-----					
agf	32	16.625	4.022116	6	25
agl	32	.5927872	.2105273	.3629962	1
pdrbcap	32	2470736	2563090	9175.549	1.47e+07
hph	32	2865612	3166798	0	9508897
inflasi	32	4.16875	2.774077	-1.01	8.26

. regress tfpg dstats prprex sales rimput agf agl pdrbcap hph inflasi

Source	SS	df	MS	Number of obs =	28
-----+-----				F(9, 18) =	1.58
Model	354.350367	9	39.372263	Prob > F =	0.0195
Residual	449.109887	18	24.9505493	R-squared =	0.4410
-----+-----				Adj R-squared =	0.1615
Total	803.460254	27	29.7577872	Root MSE =	4.9951

tfpg	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
dstats	-.3487818	5.701937	-0.06	0.952	-12.32811	11.63054
prprex	-.0049303	.039478	-0.12	0.902	-.0878704	.0780099
sales	-9.76e-09	5.41e-09	-1.80	0.088	-2.11e-08	1.61e-09
rimput	-2.986666	16.79541	-0.18	0.861	-38.27251	32.29918
agf	-.0919745	.3021868	-0.30	0.764	-.7268455	.5428965
agl	-8.982434	6.274293	-1.43	0.169	-22.16423	4.199366
pdrbcap	1.97e-06	1.44e-06	1.37	0.188	-1.05e-06	4.99e-06
hph	-7.11e-07	7.53e-07	-0.95	0.357	-2.29e-06	8.70e-07
inflasi	.4901304	.6320206	0.78	0.448	-.8376955	1.817956
_cons	4.728201	7.614296	0.62	0.542	-11.26884	20.72524

Model 2

Periode 1993-1995

. summ tfpg dstats dprprex rimput agf pdrbcap agl hph sales inflasi

Variable	Obs	Mean	Std. Dev.	Min	Max
tfpg	57	.0233033	.9949398	-2.227678	5.531159
dstats	62	.7258065	.4497487	0	1
dprprex	62	.8870968	.319058	0	1
rimput	62	.0302651	.078054	0	.3348618
agf	62	13.04839	5.258646	2	29
pdrbcap	62	3209720	2516464	960688.6	1.05e+07
agl	62	.5480037	.3253123	.0000309	1
hph	62	4059261	3845497	0	1.16e+07
sales	62	9.32e+07	1.67e+08	101872	1.32e+09
inflasi	62	8.379355	.8671015	6.36	9.49

. regress tfpg dstats dprprex rimput agf pdrbcap agl hph sales inflasi

Source	SS	df	MS	Number of obs =	57
Model	16.8702164	9	1.87446849	F(9, 47) =	2.28
Residual	38.5644723	47	.820520687	Prob > F =	0.0322
				R-squared =	0.3043
				Adj R-squared =	0.1711
Total	55.4346887	56	.989905155	Root MSE =	.90583

tfpg	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
dstats	-.0323983	.3305174	-0.10	0.922	-.6973135	.6325169
dprprex	-.4988757	.4477309	-1.11	0.271	-1.399594	.4018426
rimput	-3.292212	1.874223	-1.76	0.086	-7.062661	.4782379
agf	-.0596492	.0271431	-2.20	0.033	-.1142541	-.0050444
pdrbcap	-1.40e-07	5.48e-08	-2.56	0.014	-2.50e-07	-3.01e-08
agl	.6055962	.5014888	1.21	0.233	-.4032691	1.614462
hph	1.31e-08	4.05e-08	0.32	0.748	-6.84e-08	9.45e-08
sales	7.25e-09	2.60e-09	2.78	0.008	2.01e-09	1.25e-08
inflasi	-.2919842	.1597124	-1.83	0.074	-.6132842	.0293158
_cons	3.362402	1.569789	2.14	0.037	.2043933	6.520411

Periode 1995-1997

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. summ tfpg dstats sales rimput agf dprprex pdrbcap hph agl inflasi
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Variable	Obs	Mean	Std. Dev.	Min	Max
tfpg	31	-.0089577	.6984376	-1.367057	2.032885
dstats	32	.03125	.1767767	0	1
sales	32	8.65e+07	8.74e+07	101798	2.86e+08
rimput	32	.0084064	.0369577	0	.2055765
agf	32	12.6875	5.402732	2	31
dprprex	32	.71875	.4568034	0	1
pdrbcap	32	3659749	3361309	1100452	1.53e+07
hph	32	3199776	3393386	0	1.23e+07
agl	31	.7081521	.3267974	.1862454	1
inflasi	32	10.56781	1.883509	7.38	13.1

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. regress tfpg dstats sales rimput agf dprprex pdrbcap hph agl inflasi
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Source	SS	df	MS	Number of obs =	30
Model	5.5536192	9	.6170688	F(9, 20) =	1.40
Residual	8.84331722	20	.442165861	Prob > F =	0.2546
Total	14.3969364	29	.496446084	R-squared =	0.3858
				Adj R-squared =	0.1093
				Root MSE =	.66496

tfpg	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
dstats	1.098025	.824243	1.33	0.198	-.6213159 2.817366
sales	1.20e-09	1.75e-09	0.69	0.500	-2.44e-09 4.84e-09
rimput	-1.323874	3.427883	-0.39	0.703	-8.474314 5.826565
agf	.0243865	.0282996	0.86	0.399	-.0346453 .0834184
dprprex	-.6040819	.3305101	-1.83	0.083	-1.293514 .0853501
pdrbcap	1.39e-08	5.51e-08	0.25	0.804	-1.01e-07 1.29e-07
hph	1.23e-09	5.22e-08	0.02	0.981	-1.08e-07 1.10e-07
agl	.3455676	.489922	0.71	0.489	-.6763919 1.367527
inflasi	.0853327	.0958591	0.89	0.384	-.1146259 .2852913
_cons	-1.215568	1.2279	-0.99	0.334	-3.776922 1.345786

Periode 1997-1999

```
. summ tfpg dstats sales rimput agf dprprex agl pdrbcap hph inflasi
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Variable	Obs	Mean	Std. Dev.	Min	Max
tfpg	28	-.1069331	5.45507	-24.769	13.28024
dstats	32	.03125	.1767767	0	1
sales	32	2.09e+08	2.16e+08	127000	1.04e+09
rimput	32	.0326322	.0859386	0	.3675668
agf	32	16.625	4.022116	6	25
dprprex	32	.46875	.5070073	0	1
agl	32	.5927872	.2105273	.3629962	1
pdrbcap	32	2470736	2563090	9175.549	1.47e+07
hph	32	2865612	3166798	0	9508897

inflasi | 32 4.16875 2.774077 -1.01 8.26

. regress tfpg dstats sales rimput agf dprprex agl pdrbcap hph inflasi

Source	SS	df	MS	Number of obs =	28
Model	355.084101	9	39.453789	F(9, 18) =	1.58
Residual	448.376153	18	24.9097863	Prob > F =	0.1941
				R-squared =	0.4419
				Adj R-squared =	0.1629
				Root MSE =	4.991
Total	803.460254	27	29.7577872		

tfpg	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
dstats	-.28021	5.490868	-0.05	0.960	-11.8161	11.25568
sales	-9.51e-09	5.51e-09	-1.72	0.102	-2.11e-08	2.07e-09
rimput	-3.387061	15.62104	-0.22	0.831	-36.20566	29.43153
agf	-.095429	.2903472	-0.33	0.746	-.7054259	.5145679
dprprex	-.5984871	2.818858	-0.21	0.834	-6.520688	5.323714
agl	-9.095373	6.297992	-1.44	0.166	-22.32696	4.136217
pdrbcap	1.98e-06	1.42e-06	1.40	0.179	-9.99e-07	4.96e-06
hph	-7.00e-07	7.20e-07	-0.97	0.344	-2.21e-06	8.13e-07
inflasi	.47143	.6225	0.76	0.459	-.8363941	1.779254
_cons	4.930413	7.459272	0.66	0.517	-10.74094	20.60176

Model 3

. summ tfpg dstats prprex rimput agf pdrbcap agl hph sales dkrisis

Variable	Obs	Mean	Std. Dev.	Min	Max
tfpg	88	.0119386	.8975704	-2.227678	5.531159
dstats	94	.4893617	.5025672	0	1
prprex	94	67.70213	33.57349	0	100
rimput	94	.0228238	.0675266	0	.3348618
agf	94	12.92553	5.28182	2	31
pdrbcap	94	3362921	2822363	960688.6	1.53e+07
agl	93	.6013865	.3327987	.0000309	1
hph	94	3766670	3702102	0	1.23e+07
sales	94	9.09e+07	1.45e+08	101798	1.32e+09
dkrisis	94	.3404255	.4763931	0	1

. regress tfpg dstats prprex rimput agf pdrbcap agl hph sales dkrisis

Source	SS	df	MS	Number of obs =	87
Model	12.4839262	9	1.38710291	F(9, 77) =	1.86
Residual	57.3529083	77	.744842965	Prob > F =	0.0704
				R-squared =	0.1788
				Adj R-squared =	0.0828
				Root MSE =	.86304
Total	69.8368345	86	.812056215		

tfpg	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
dstats	.1470571	.2739585	0.54	0.593	-.3984641	.6925782
prprex	-.0033784	.0029462	-1.15	0.255	-.009245	.0024881
rimput	-2.612649	1.612591	-1.62	0.109	-5.823728	.5984294
agf	-.0201655	.0191312	-1.05	0.295	-.0582607	.0179297
pdrbcap	-5.87e-08	3.75e-08	-1.56	0.122	-1.33e-07	1.61e-08
agl	.5242644	.3233147	1.62	0.109	-.1195375	1.168066
hph	-8.52e-09	2.85e-08	-0.30	0.766	-6.54e-08	4.83e-08
sales	3.65e-09	1.52e-09	2.40	0.019	6.24e-10	6.69e-09
dkrisis	-.1894974	.2742469	-0.69	0.492	-.7355927	.356598
_cons	.1760395	.5156296	0.34	0.734	-.8507101	1.202789

Model 4

```
. sum tfpg dstats prprex rimput agf pdrbcap agl hph sales pdom
```

Variable	Obs	Mean	Std. Dev.	Min	Max
tfpg	116	-.0167546	2.756574	-24.769	13.28024
dstats	126	.3730159	.4855368	0	1
prprex	126	59.81746	38.02113	0	100
rimput	126	.0253148	.072405	0	.3675668
agf	126	13.86508	5.232748	2	31
pdrbcap	126	3136334	2776283	9175.549	1.53e+07
agl	125	.5991851	.3053976	.0000309	1
hph	126	3537830	3583168	0	1.23e+07
sales	126	1.21e+08	1.73e+08	101798	1.32e+09
pdom	126	314.1746	74.50112	205	383

```
. regress tfpg dstats prprex rimput agf pdrbcap agl hph sales pdom
```

Source	SS	df	MS	Number of obs =	115
Model	176.10671	9	19.5674122	F(9, 105) =	2.95
Residual	697.519361	105	6.64304154	Prob > F =	0.0037
				R-squared =	0.2016
				Adj R-squared =	0.1331
Total	873.626071	114	7.66338659	Root MSE =	2.5774

tfpg	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
dstats	.5774813	.7162986	0.81	0.422	-.8428065	1.997769
prprex	-.0007043	.0073417	-0.10	0.924	-.0152615	.0138528
rimput	2.401308	3.549994	0.68	0.500	-4.637674	9.440289
agf	.0087357	.0509208	0.17	0.864	-.0922309	.1097022
pdrbcap	1.18e-08	1.06e-07	0.11	0.912	-1.99e-07	2.23e-07
agl	.3562881	.8867192	0.40	0.689	-1.401912	2.114489
hph	6.89e-08	7.55e-08	0.91	0.364	-8.08e-08	2.19e-07
sales	-9.94e-09	2.01e-09	-4.93	0.000	-1.39e-08	-5.94e-09
pdom	-.0089033	.0050163	-1.77	0.079	-.0188497	.0010431
_cons	3.056586	1.855986	1.65	0.103	-.6234904	6.736663

Model 5

```
. sum tfpg dstats prprex rimput agf pdrbcap agl hph sales pasing
```

Variable	Obs	Mean	Std. Dev.	Min	Max
tfpg	116	-.0167546	2.756574	-24.769	13.28024
dstats	126	.3730159	.4855368	0	1
prprex	126	59.81746	38.02113	0	100
rimput	126	.0253148	.072405	0	.3675668
agf	126	13.86508	5.232748	2	31
pdrbcap	126	3136334	2776283	9175.549	1.53e+07
agl	125	.5991851	.3053976	.0000309	1
hph	126	3537830	3583168	0	1.23e+07
sales	126	1.21e+08	1.73e+08	101798	1.32e+09
pasing	126	458.9683	72.7635	350	525

```
. reg tfpg dstats prprex rimput agf pdrbcap agl hph sales pasing
```

Source	SS	df	MS	Number of obs =	115
Model	176.727113	9	19.6363459	F(9, 105) =	2.96
Residual	696.898958	105	6.63713293	Prob > F =	0.0036
				R-squared =	0.2023
				Adj R-squared =	0.1339
Total	873.626071	114	7.66338659	Root MSE =	2.5763

tfpg	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
dstats	.5668047	.7083821	0.80	0.425	-.8377861 1.971396
prprex	-.0006197	.0073436	-0.08	0.933	-.0151807 .0139412
rimput	2.333607	3.549511	0.66	0.512	-4.704417 9.371631
agf	.0079265	.0509459	0.16	0.877	-.0930899 .1089429
pdrbcap	1.34e-08	1.06e-07	0.13	0.900	-1.97e-07 2.24e-07
agl	.3738895	.8878554	0.42	0.675	-1.386564 2.134343
hph	6.87e-08	7.55e-08	0.91	0.364	-8.09e-08 2.18e-07
sales	-9.99e-09	2.02e-09	-4.94	0.000	-1.40e-08 -5.98e-09
pasing	-.0092067	.0051098	-1.80	0.074	-.0193385 .000925
_cons	4.488416	2.488525	1.80	0.074	-.4458685 9.422701

3. Pengujian Pelanggaran Asumsi Ekonometrika

Model 1

Periode 1993-1995

```
. hettest
```

Breusch-Pagan / Cook-Weisberg test for heteroskedasticity

Ho: Constant variance

Variables: fitted values of tfpg

chi2(1) = 55.40

Prob > chi2 = 0.0000

```
. corr tfpg dstats prprex rimput agf pdrbcap agl hph sales inf
(obs=57)
```

	tfpg	dstats	prprex	rimput	agf	pdrbcap	agl
tfpg	1.0000						
dstats	-0.0194	1.0000					
prprex	-0.0147	0.2158	1.0000				
rimput	-0.1003	-0.1169	-0.0144	1.0000			
agf	-0.0958	0.0092	-0.1639	-0.0898	1.0000		
pdrbcap	-0.1704	0.1291	-0.1073	-0.0002	-0.1503	1.0000	
agl	0.2191	-0.4431	-0.1525	0.2703	0.0956	-0.1639	1.0000
hph	-0.0600	0.2299	0.2401	-0.2809	-0.1905	0.2286	-0.5211
sales	0.2675	0.2420	0.2942	0.1338	0.1696	0.1904	0.1459
inf	-0.1819	-0.1518	0.1156	-0.0883	-0.0398	-0.2727	-0.0215

	hph	sales	inf
hph	1.0000		
sales	0.0061	1.0000	
inf	0.0871	-0.1200	1.0000

```
. vif
```

Variable	VIF	1/VIF
agl	1.83	0.545841
hph	1.60	0.626294
sales	1.49	0.669313
dstats	1.46	0.682904
prprex	1.36	0.737764
pdrbcap	1.33	0.752310
agf	1.20	0.832378
rimput	1.17	0.853969
inf	1.16	0.864544
Mean VIF	1.40	

Periode 1995-1997

```
. hettest
```

Breusch-Pagan / Cook-Weisberg test for heteroskedasticity

Ho: Constant variance
Variables: fitted values of tfpg

chi2(1) = 0.21
Prob > chi2 = 0.6484

```
. corr tfpg prprex dstats sales rimput agf pdrbcap hph agl inf
(obs=30)
```

	tfpg	prprex	dstats	sales	rimput	agf	pdrbcap
tfpg	1.0000						
prprex	-0.2692	1.0000					
stats	0.4100	0.1635	1.0000				
sales	0.2756	0.0619	0.3906	1.0000			

```

rimput | -0.1851   0.0242  -0.0444   0.0454   1.0000
agf    |  0.1308  -0.1711   0.1467  -0.0594  -0.0907   1.0000
pdrbcap | -0.1151   0.3917   0.0133   0.0373   0.1089  -0.3241   1.0000
hph    |  0.1804   0.2076   0.2112   0.3573  -0.0182  -0.2373   0.1242
agl    |  0.3085  -0.0758   0.1660   0.1847  -0.2412  -0.3293  -0.0975
inf    |  0.0898   0.5383   0.2393  -0.0272   0.0265  -0.3838   0.2313

```

```

-----+-----
      | hph    agl    inf
-----+-----
hph   | 1.0000
agl   | 0.4753 1.0000
inf   | 0.4887 0.2338 1.0000

```

. vif

```

-----+-----
Variable |          VIF      1/VIF
-----+-----
inf     |          2.39      0.417537
hph     |          2.11      0.474130
prprex  |          1.71      0.586032
agl     |          1.68      0.594706
agf     |          1.64      0.609682
sales   |          1.57      0.636064
dstats  |          1.48      0.675479
pdrbcap |          1.46      0.683887
rimput  |          1.12      0.889195
-----+-----
Mean VIF |          1.69

```

Periode 1997-1999

. hetttest

```

Breusch-Pagan / Cook-Weisberg test for heteroskedasticity
Ho: Constant variance
Variables: fitted values of tfpg
chi2(1)      =      15.84
Prob > chi2   =      0.0001

```

. corr tfpg dstats prprex sales rimput agf agl pdrbcap hph inf
(obs=28)

```

-----+-----
      | tfpg   dstats   prprex   sales   rimput   agf     agl
-----+-----
tfpg  | 1.0000
dstats | 0.0003   1.0000
prprex | -0.0631  0.2377   1.0000
sales  | -0.5579 -0.0404   0.1986   1.0000
rimput | 0.1097   0.0316  -0.2256  -0.0578   1.0000
agf    | -0.0804  0.0070  -0.1061   0.0483  -0.2402   1.0000
agl    | -0.4440  0.0733  -0.1206   0.4217   0.1465   0.0374   1.0000
pdrbcap | 0.2435  0.0476   0.3593  -0.1102   0.5089   0.0203  -0.0411
hph    | 0.1434  -0.1481   0.4449  -0.0482   0.1544  -0.2222  -0.3213
inf    | 0.0739  -0.1999   0.0387   0.0601  -0.0742  -0.3714  -0.2536

```

```

      | pdrbcap hph inf
-----+-----
pdrbcap| 1.0000
      hph | 0.5771    1.0000
      inf|-0.0437  0.6209    1.0000

```

. vif

```

Variable |          VIF        1/VIF
-----+-----
      hph |          5.73    0.174508
pdrbcap |          3.77    0.264956
      inf |          3.54    0.282282
prprex  |          2.87    0.348968
rinput  |          2.53    0.394725
      sales |          1.60    0.624188
      agf  |          1.59    0.627498
      agl  |          1.53    0.654172
      dstats |          1.26    0.795847
-----+-----
Mean VIF |          2.71

```

Model 2

Periode 1993-1995

. hettest

```

Breusch-Pagan / Cook-Weisberg test for heteroskedasticity
Ho: Constant variance
Variables: fitted values of tfpg
      chi2(1)      =    56.03
      Prob > chi2  =    0.0000

```

. corr tfpg dstats rinput agf pdrbcap agl hph sales inflasi dprprex
(obs=57)

```

      |      tfpg  dstats  rinput  agf  pdrbcap  agl  hph
-----+-----
      tfpg |    1.0000
      dstats | -0.0194    1.0000
      rinput | -0.1003  -0.1169    1.0000
      agf  | -0.0958  0.0092  -0.0898    1.0000
pdrbcap | -0.1704  0.1291  -0.0002  -0.1503    1.0000
      agl  |  0.2191  -0.4431  0.2703  0.0956  -0.1639    1.0000
      hph  | -0.0600  0.2299  -0.2809  -0.1905  0.2286  -0.5211    1.0000
      sales |  0.2675  0.2420  0.1338  0.1696  0.1904  0.1459  0.0061
      inflasi | -0.1819  -0.1518  -0.0883  -0.0398  -0.2727  -0.0215  0.0871
      dprprex |  0.0235  0.2421  0.0802  -0.3043  -0.1637  -0.0491  0.1512
-----+-----
      |      sales  inflasi  dprprex
-----+-----
      sales |    1.0000
      inflasi | -0.1200    1.0000
      dprprex |  0.2428  0.1595    1.0000

```

```
. vif
```

Variable	VIF	1/VIF
agl	1.82	0.548896
hph	1.58	0.634671
dstats	1.53	0.652637
dprprex	1.50	0.666595
sales	1.44	0.695845
pdrbcap	1.37	0.732470
agf	1.34	0.744928
rimput	1.18	0.849172
inflasi	1.17	0.851172
Mean VIF	1.44	

Periode 1995-1997

```
. hettest
```

Breusch-Pagan / Cook-Weisberg test for heteroskedasticity

Ho: Constant variance

Variables: fitted values of tfpg

chi2(1) = 0.13

Prob > chi2 = 0.7236

```
. corr tfpg dstats sales rimput agf dprprex pdrbcap hph agl inflasi  
(obs=30)
```

	tfpg	dstats	sales	rimput	agf	dprprex	pdrbcap
tfpg	1.0000						
dstats	0.4100	1.0000					
sales	0.2756	0.3906	1.0000				
rimput	-0.1851	-0.0444	0.0454	1.0000			
agf	0.1308	0.1467	-0.0594	-0.0907	1.0000		
dprprex	-0.3085	0.1216	-0.0012	0.1565	-0.1459	1.0000	
pdrbcap	-0.1151	0.0133	0.0373	0.1089	-0.3241	0.3585	1.0000
hph	0.1804	0.2112	0.3573	-0.0182	-0.2373	0.1941	-0.1242
agl	0.3085	0.1660	0.1847	-0.2412	-0.3293	-0.1643	-0.0975
inflasi	0.0898	0.2393	-0.0272	0.0265	-0.3838	0.4500	0.2313

	hph	agl	inflasi
hph	1.0000		
agl	0.4753	1.0000	
inflasi	0.4887	0.2338	1.0000

```
. vif
```

Variable	VIF	1/VIF
hph	2.17	0.460983
inflasi	2.14	0.467014
agl	1.74	0.574996
agf	1.63	0.611644

sales		1.57	0.638663
dprprex		1.56	0.642503
dstats		1.49	0.673283
pdrbcap		1.44	0.693328
rimput		1.12	0.891889

Mean VIF		1.65	

Periode 1997-1999

. hetttest

Breusch-Pagan / Cook-Weisberg test for heteroskedasticity

Ho: Constant variance

Variables: fitted values of tfpg

chi2(1) = 15.69

Prob > chi2 = 0.0001

. corr tfpg dstats sales rimput agf dprprex agl pdrbcap hph inflasi
(obs=28)

	tfpg	dstats	sales	rimput	agf	dprprex	agl
tfpg		1.0000					
dstats		0.0003	1.0000				
sales		-0.5579	-0.0404	1.0000			
rimput		0.1097	0.0316	-0.0578	1.0000		
agf		-0.0804	0.0070	0.0483	-0.2402	1.0000	
dprprex		-0.1219	0.2067	0.2694	-0.2160	-0.0389	1.0000
agl		-0.4440	0.0733	0.4217	0.1465	0.0374	-0.0822
pdrbcap		0.2435	0.0476	-0.1102	0.5089	0.0203	0.3000
hph		0.1434	-0.1481	-0.0482	0.1544	-0.2222	0.3357
inflasi		0.0739	-0.1999	0.0601	-0.0742	-0.3714	-0.0379

	pdrbcap	hph	inflasi				
pdrbcap		1.0000					
hph		0.5771	1.0000				
inflasi		-0.0437	0.6209	1.0000			

. vif

Variable	VIF	1/VIF	
hph		5.26	0.190242
pdrbcap		3.68	0.271534
inflasi		3.44	0.290507
dprprex		2.22	0.450139
rimput		2.20	0.455560
sales		1.66	0.600980
agl		1.54	0.648198
agf		1.47	0.678606
dstats		1.17	0.856805

Mean VIF		2.52	

Model 3

. hettest

Breusch-Pagan / Cook-Weisberg test for heteroskedasticity

Ho: Constant variance

Variables: fitted values of tfpg

chi2(1) = 39.48

Prob > chi2 = 0.0000

. cor tfpg dstats prprex rimput agf pdrbcap agl hph sales dkrisis
(obs=87)

	tfpg	dstats	prprex	rimput	agf	pdrbcap	agl
tfpg	1.0000						
dstats	0.0323	1.0000					
prprex	-0.0890	0.2895	1.0000				
rimput	-0.1115	0.0092	0.0299	1.0000			
agf	-0.0304	0.0594	-0.1482	-0.0778	1.0000		
pdrbcap	-0.1530	0.0631	0.0921	0.0205	-0.2150	1.0000	
agl	0.2311	-0.3894	-0.1706	0.1113	-0.0699	-0.1310	1.0000
hph	0.0018	0.2201	0.2375	-0.2060	-0.2002	0.1084	-0.2075
sales	0.2478	0.0906	0.1344	0.0744	0.0531	0.1189	0.1854
dkrisis	-0.0086	-0.6525	-0.2391	-0.1396	-0.0539	0.0211	0.2409

	hph	sales	dkrisis
hph	1.0000		
sales	0.1393	1.0000	
dkrisis	-0.0870	0.1317	1.0000

. vif

Variable	VIF	1/VIF
dstats	2.19	0.456828
dkrisis	1.98	0.503854
agl	1.36	0.733742
sales	1.27	0.788436
hph	1.26	0.794980
prprex	1.19	0.837988
agf	1.18	0.846282
rimput	1.13	0.885216
pdrbcap	1.11	0.904685
Mean VIF	1.41	

Model 4

. cor tfpg dstats prprex rimput agf pdrbcap agl hph sales pdom
(obs=115)

	tfpg	dstats	prprex	rimput	agf	pdrbcap	agl
tfpg	1.0000						
dstats	0.0160	1.0000					
prprex	-0.0445	0.3634	1.0000				
rimput	0.0408	-0.0306	-0.0926	1.0000			

```

    agf | -0.0423  -0.0765  -0.2294  -0.0769  1.0000
pdrbcap |  0.0247   0.1377   0.1884   0.0788  -0.2396  1.0000
    agl | -0.0654  -0.3175  -0.1355   0.1061  -0.0633  -0.1149  1.0000
    hph |  0.0606   0.2102   0.3031  -0.1118  -0.2271   0.1789  -0.2155
    sales | -0.4042  -0.1360  -0.0158   0.0383   0.1646  -0.0604   0.1660
    pdom |  0.0178   0.6446   0.3923  -0.0317  -0.2410   0.1656  -0.0949

```

```

-----+-----
          |   hph   sales   pdom
-----+-----
    hph |  1.0000
    sales | -0.0080  1.0000
    pdom |  0.1359 -0.3854  1.0000

```

. hettest

```

Breusch-Pagan / Cook-Weisberg test for heteroskedasticity
Ho: Constant variance
Variables: fitted values of tfpg

    chi2(1)      =    533.48
    Prob > chi2  =    0.0000

```

. vif

```

-----+-----
Variable |      VIF    1/VIF
-----+-----
    pdom |    2.35    0.425047
    dstats |    2.08    0.480923
    prprex |    1.37    0.731765
    sales |    1.31    0.762998
    agl |    1.27    0.790395
    agf |    1.23    0.814372
    hph |    1.22    0.820993
    pdrbcap |    1.12    0.893368
    rimput |    1.05    0.952373
-----+-----
Mean VIF |    1.44

```

Model 5

```

. cor tfpg dstats prprex rimput agf pdrbcap agl hph sales pasing
(obs=115)

```

```

-----+-----
          |   tfpg   dstats   prprex   rimput   agf   pdrbcap   agl
-----+-----
    tfpg | 1.0000
    dstats | 0.0160  1.0000
    prprex | -0.0445  0.3634  1.0000
    rimput | 0.0408 -0.0306 -0.0926  1.0000
    agf | -0.0423  -0.0765  -0.2294  -0.0769  1.0000
    pdrbcap | 0.0247  0.1377  0.1884  0.0788  -0.2396  1.0000
    agl | -0.0654  -0.3175  -0.1355  0.1061  -0.0633  -0.1149  1.0000
    hph | 0.0606  0.2102  0.3031  -0.1118  -0.2271  0.1789  -0.2155
    sales | -0.4042  -0.1360  -0.0158  0.0383  0.1646  -0.0604  0.1660
    pasing | 0.0181  0.6328  0.3928  -0.0372  -0.2487  0.1703  -0.0867

```

	hph	sales	pasing
hph	1.0000		
sales	-0.0080	1.0000	
pasing	0.1355	-0.3916	1.0000

. hettest

Breusch-Pagan / Cook-Weisberg test for heteroskedasticity

Ho: Constant variance

Variables: fitted values of tfpg

chi2(1) = 529.57

Prob > chi2 = 0.0000

. vif

Variable	VIF	1/VIF
pasing	2.33	0.429669
dstats	2.04	0.491295
prprex	1.37	0.730730
sales	1.32	0.757992
agl	1.27	0.787672
agf	1.23	0.812844
hph	1.22	0.820985
pdrbcap	1.12	0.892599
rinput	1.05	0.951785
Mean VIF	1.44	