

LAMPIRAN-LAMPIRAN

Lampiran 1 : Daftar Perusahaan

No	Nama Perusahaan	Kode Perusahaan
1	PT.BUKOPIN	BBKP
2	PT.BANK BUMI ARTA TBK	BNBA
3	PT.BANK CAPITAL INDONESIA TBK	BACA
4	PT.BANK CENTRAL ASIA	BBCA
5	PT.BANK CIMB NIAGA	BNGA
6	PT.BANK MANDIRI TBK	BMRI
7	PT.BANK MAYAPADA INTERNASIONAL TBK	MAYA
8	PT.BANK MEGA TBK	MEGA
9	PT.BANK MNC INTERNASIONAL TBK	BABP
10	PT.BANK NEGARA INDONESIA TBK	BBNI
11	PT.BANK ONCBC NISP TBK	NISP
12	PT.BANK OF INDIA INDONESIA TBK	BSWD
13	PT.BANK PERMATA TBK	BNLI
14	PT.BANK QNB KESAWAN TBK	BKSW
15	PT.BANK RAKYAT INDONESIA TBK.	BBRI
16	PT.BANK RAKYAT INDONESIA AGRONIAGA TBK	AGRO
17	PT.BANK SINARMAS TBK	BSIM
18	PT.BANK TABUNGAN NEGARA TBK	BBTN
19	PT.BANK TABUNGAN PENSIUNAN NASIONAL TBK	BTPN
20	PT.BANK VICTORIA INTERNASIONAL TBK	BVIC
21	PT.BANK PANIN	PNBN
22	BANK WINDU	MCOR
23	BANK DAERAH JABAR	BJBR
24	BANK MAYBANK	BNII
25	BANK ARTA GRAHA	INPC

Lampiran 2: Data Penelitian

No	Perusahaan	Tahun	HS	NPL	LDR	NIM	GCG	CAR
1	AGRO	2012	147	0.037	0.800	0.070	1.850	0.090
2	AGRO	2013	118	0.023	0.870	0.053	2.170	0.160
3	AGRO	2014	103	0.020	0.890	0.050	2.320	0.180
4	AGRO	2015	97	0.019	0.870	0.048	1.900	0.220
5	BABP	2012	168	0.058	0.780	0.110	3.500	0.100
6	BABP	2013	133	0.049	0.790	0.111	2.000	0.090
7	BABP	2014	84	0.059	0.790	0.034	3.030	0.130
8	BABP	2015	70	0.024	0.720	0.033	3.000	0.180
9	BACA	2012	120	0.021	0.590	0.045	2.000	0.120
10	BACA	2013	88	0.004	0.630	0.044	2.000	0.130
11	BACA	2014	96	0.003	0.580	0.033	2.050	0.110
12	BACA	2015	205	0.002	0.558	0.047	2.000	0.201
13	BBCA	2012	9,100	0.004	0.680	0.070	1.080	0.120
14	BBCA	2013	9,600	0.004	0.750	0.074	1.000	0.130
15	BBCA	2014	13,125	0.006	0.760	0.073	1.000	0.140
16	BBCA	2015	13,300	0.002	0.810	0.067	1.000	0.187
17	BBKP	2012	620	0.028	0.830	0.050	2.500	0.080
18	BBKP	2013	620	0.024	0.850	0.043	2.000	0.090
19	BBKP	2014	750	0.021	0.770	0.044	2.000	0.090
20	BBKP	2015	700	0.021	0.860	0.036	2.000	0.150
21	BBNI	2012	3,700	0.028	0.750	0.061	1.000	0.130
22	BBNI	2013	3,950	0.022	0.860	0.064	2.000	0.120
23	BBNI	2014	6,100	0.020	0.970	0.068	2.000	0.150
24	BBNI	2015	4,990	0.027	0.940	0.064	2.000	0.220
25	BBRI	2012	6,950	0.018	0.750	0.094	1.310	0.120
26	BBRI	2013	7,250	0.016	0.830	0.092	1.290	0.130
27	BBRI	2014	11,650	0.017	0.850	0.089	1.120	0.140
28	BBRI	2015	11,425	0.020	0.890	0.081	1.140	0.206
29	BBTN	2012	1,450	0.042	1.000	0.050	2.680	0.180
30	BBTN	2013	870	0.043	1.030	0.047	3.000	0.160
31	BBTN	2014	1,205	0.042	1.050	0.040	2.000	0.140
32	BBTN	2015	1,295	0.021	1.080	0.049	2.000	0.170

LANJUTAN

No	Perusahaan	Tahun	HS	NPL	LDR	NIM	GCG	CAR
33	BJBR	2012	1,060	0.022	0.730	0.072	1.670	0.238
34	BJBR	2013	890	0.028	0.920	0.070	2.000	0.180
35	BJBR	2014	730	0.042	0.890	0.066	2.000	0.210
36	BJBR	2015	755	0.029	0.890	0.065	2.000	0.160
37	BKSW	2012	690	0.007	0.870	0.049	1.430	0.190
38	BKSW	2013	450	0.002	1.130	0.027	2.000	0.140
39	BKSW	2014	410	0.003	0.850	0.027	1.370	0.120
40	BKSW	2015	290	0.240	0.890	0.031	1.360	0.160
41	BMRI	2012	8,100	0.019	0.840	0.059	1.500	0.120
42	BMRI	2013	7,850	0.019	0.890	0.059	2.000	0.120
43	BMRI	2014	10,775	0.017	0.870	0.062	2.000	0.120
44	BMRI	2015	9,250	0.020	0.870	0.059	2.000	0.186
45	BNBA	2012	165	0.006	0.770	0.084	2.000	0.150
46	BNBA	2013	157	0.002	0.840	0.073	2.000	0.140
47	BNBA	2014	158	0.003	0.790	0.060	2.000	0.120
48	BNBA	2015	190	0.004	0.828	0.055	2.000	0.256
49	BNGA	2012	1,100	0.023	0.910	0.064	1.080	0.110
50	BNGA	2013	920	0.022	0.890	0.061	1.530	0.120
51	BNGA	2014	835	0.039	0.940	0.058	1.710	0.120
52	BNGA	2015	595	0.037	0.980	0.052	2.000	0.163
53	BNII	2012	405	0.017	0.870	0.055	1.100	0.080
54	BNII	2013	310	0.021	0.880	0.049	1.000	0.090
55	BNII	2014	208	0.022	0.890	0.048	1.000	0.200
56	BNII	2015	171	0.025	0.920	0.048	1.000	0.214
57	BNLI	2012	1,320	0.014	0.890	0.049	1.000	0.090
58	BNLI	2013	1,260	0.010	0.890	0.037	2.000	0.090
59	BNLI	2014	1,505	0.017	0.890	0.032	2.000	0.090
60	BNLI	2015	945	0.014	0.878	0.040	2.000	0.150
61	BSIM	2012	225	0.032	0.780	0.080	1.650	0.120
62	BSIM	2013	240	0.025	0.790	0.076	2.000	0.160
63	BSIM	2014	339	0.030	0.840	0.063	2.000	0.150
64	BSIM	2015	394	0.030	0.780	0.058	1.550	0.140

LANJUTAN

No	Perusahaan	Tahun	HS	NPL	LDR	NIM	GCG	CAR
65	BSWD	2012	1,560	0.014	0.930	0.054	1.610	0.150
66	BSWD	2013	650	0.016	0.930	0.050	2.000	0.130
67	BSWD	2014	1,100	0.018	0.870	0.045	2.000	0.110
68	BSWD	2015	3,595	0.050	0.820	0.037	3.000	0.230
69	BTPN	2012	5,250	0.006	0.870	0.150	1.430	0.130
70	BTPN	2013	4,300	0.009	0.900	0.034	2.000	0.140
71	BTPN	2014	3,950	0.007	1.020	0.124	2.000	0.140
72	BTPN	2015	2,400	0.022	0.920	0.054	2.000	0.210
73	BVIC	2012	117	0.023	0.660	0.029	2.000	0.100
74	BVIC	2013	125	0.009	0.780	0.034	2.000	0.080
75	BVIC	2014	120	0.019	0.760	0.020	2.000	0.080
76	BVIC	2015	105	0.027	0.700	0.021	2.280	0.190
77	INPC	2012	111	0.008	0.840	0.049	2.000	0.170
78	INPC	2013	91	0.020	0.900	0.059	1.730	0.180
79	INPC	2014	79	0.019	0.890	0.050	1.730	0.200
80	INPC	2015	64	0.023	0.920	0.046	1.910	0.210
81	MAYA	2012	3,400	0.030	0.800	0.059	2.870	0.110
82	MAYA	2013	2,750	0.010	0.850	0.054	1.880	0.100
83	MAYA	2014	1,880	0.015	0.810	0.042	1.440	0.080
84	MAYA	2015	1,950	0.023	0.830	0.048	2.000	0.130
85	MCOR	2012	178	0.144	0.790	0.052	3.670	0.140
86	MCOR	2013	127	0.013	0.802	0.049	2.000	0.150
87	MCOR	2014	205	0.024	0.840	0.038	2.000	0.140
88	MCOR	2015	300	0.016	0.890	0.044	2.000	0.160
89	MEGA	2012	3,350	0.021	0.530	0.077	2.680	0.100
90	MEGA	2013	2,050	0.022	0.570	0.066	2.000	0.090
91	MEGA	2014	2,000	0.021	0.650	0.058	2.000	0.100
92	MEGA	2015	3,275	0.012	0.650	0.060	2.000	0.210
93	NISP	2012	1,530	0.009	0.850	0.043	1.500	0.110
94	NISP	2013	1,230	0.007	0.950	0.040	1.750	0.140
95	NISP	2014	1,360	0.013	0.930	0.044	1.930	0.140
96	NISP	2015	1,275	0.013	0.950	0.041	2.000	0.170
97	PNBN	2012	630	0.021	0.940	0.051	1.450	0.150
98	PNBN	2013	660	0.018	0.880	0.041	2.000	0.150
99	PNBN	2014	1,165	0.022	0.890	0.038	2.000	0.156
100	PNBN	2015	820	0.027	0.900	0.044	2.000	0.200

Lampiran 3: Out Put Estimasi Model Dengan Common Effect Model

Dependent Variable: HS
Method: Panel Least Squares
Date: 04/20/18 Time: 20:16
Sample: 2012 2015
Periods included: 4
Cross-sections included: 25
Total panel (balanced) observations: 100

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3160.149	2805.145	1.126555	0.2628
NPL	-7541.171	10704.54	-0.704484	0.4829
LDR	-1236.878	2718.131	-0.455047	0.6501
NIM	53141.09	13859.74	3.834204	0.0002
GCG	-1783.863	578.5748	-3.083202	0.0027
CAR	4403.108	7092.350	0.620825	0.5362

R-squared	0.252650	Mean dependent var	2165.230
Adjusted R-squared	0.212897	S.D. dependent var	3204.412
S.E. of regression	2842.916	Akaike info criterion	18.80117
Sum squared resid	7.60E+08	Schwarz criterion	18.95748
Log likelihood	-934.0586	Hannan-Quinn criter.	18.86443
F-statistic	6.355553	Durbin-Watson stat	0.414218
Prob(F-statistic)	0.000040		

Lampiran 4: Out Put Estimasi Model Dengan Fixed Effect Model

Dependent Variable: HS?

Method: Pooled Least Squares

Date: 04/26/18 Time: 22:49

Sample: 1 4

Included observations: 4

Cross-sections included: 25

Total pool (balanced) observations: 100

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-1343.105	1699.257	-0.790407	0.4320
NPL?	-467.6083	3742.046	-0.124961	0.9009
LDR?	2148.067	1899.336	1.130957	0.2619
NIM?	10063.10	6598.124	1.525145	0.1317
GCG?	198.8844	281.4355	0.706678	0.4821
CAR?	5392.939	2701.834	1.996029	0.0498
Fixed Effects (Cross)				
AGRO--C	-2211.606			
BABP--C	-2147.463			
BACA--C	-1373.716			
BBCA--C	9320.428			
BBKP--C	-1158.980			
BBNI--C	2318.556			
BBRI--C	6946.656			
BBTN--C	-1492.134			
BJBR--C	-1759.130			
BKSW--C	-1639.351			
BMRI--C	6774.890			
BNBA--C	-2196.853			
BNGA--C	-1374.091			
BNII--C	-1781.116			
BNLI--C	-608.0753			
BSIM--C	-1880.443			
BSWD--C	-556.8636			
BTPN--C	1215.376			
BVIC--C	-1365.463			
INPC--C	-2371.923			
MAYA--C	598.2507			
MCOR--C	-1950.728			
MEGA--C	967.0114			
NISP--C	-812.2615			
PNBN--C	-1460.970			

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.949436	Mean dependent var	2165.230
Adjusted R-squared	0.928487	S.D. dependent var	3204.412
S.E. of regression	856.9185	Akaike info criterion	16.58789
Sum squared resid	51401647	Schwarz criterion	17.36944
Log likelihood	-799.3944	Hannan-Quinn criter.	16.90420
F-statistic	45.32318	Durbin-Watson stat	1.705920
Prob(F-statistic)	0.000000		

Substituted Coefficients:

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HSAGRO = -2211.60552458 - 1343.10514669 - 467.608340499*NPLAGRO +
2148.06740357*LDRAGRO + 10063.0975119*NIMAGRO +
198.884363105*GCGAGRO + 5392.93936988*CARAGRO
HSBABP = -2147.46327275 - 1343.10514669 - 467.608340499*NPLBABP +
2148.06740357*LDRBABP + 10063.0975119*NIMBABP +
198.884363105*GCGBABP + 5392.93936988*CARBABP
HSBACA = -1373.71649744 - 1343.10514669 - 467.608340499*NPLBACA +
2148.06740357*LDRBACA + 10063.0975119*NIMBACA +
198.884363105*GCGBACA + 5392.93936988*CARBACA
HSBBCA = 9320.42808485 - 1343.10514669 - 467.608340499*NPLBBCA
2148.06740357*LDRBBCA + 10063.0975119*NIMBBCA +
198.884363105*GCGBBCA + 5392.93936988*CARBBCA
HSBBKP = -1158.98044253 - 1343.10514669 - 467.608340499*NPLBBKP +
2148.06740357*LDRBBKP + 10063.0975119*NIMBBKP +
198.884363105*GCGBBKP + 5392.93936988*CARBBKP
HSBBNI = 2318.55624944 - 1343.10514669 - 467.608340499*NPLBBNI +
2148.06740357*LDRBBNI + 10063.0975119*NIMBBNI +
198.884363105*GCGBBNI + 5392.93936988*CARBBNI
HSBBRI = 6946.65592053 - 1343.10514669 - 467.608340499*NPLBBRI +
2148.06740357*LDRBBRI + 10063.0975119*NIMBBRI +
198.884363105*GCGBBRI + 5392.93936988*CARBBRI
HSBBTN = -1492.13428513 - 1343.10514669 - 467.608340499*NPLBBTN +
2148.06740357*LDRBBTN + 10063.0975119*NIMBBTN +
198.884363105*GCGBBTN + 5392.93936988*CARBBTN
HSBJBR = -1759.12964251 - 1343.10514669 - 467.608340499*NPLBJBR +
2148.06740357*LDRBJBR + 10063.0975119*NIMBJBR +
198.884363105*GCGBJBR + 5392.93936988*CARBJBR
HSBKSW = -1639.35146153 - 1343.10514669 - 467.608340499*NPLBKSW +
2148.06740357*LDRBKSW + 10063.0975119*NIMBKSW +
198.884363105*GCGBKSW + 5392.93936988*CARBKSW
HSBMRI = 6774.89046879 - 1343.10514669 - 467.608340499*NPLBMRI +
2148.06740357*LDRBMRI + 10063.0975119*NIMBMRI +
198.884363105*GCGBMRI + 5392.93936988*CARBMRI

HSBNBA = -2196.85332385 - 1343.10514669 - 467.608340499*NPLBNBA +
2148.06740357*LDRBNBA + 10063.0975119*NIMBNBA +
198.884363105*GCGBNBA + 5392.93936988*CARNBA

HSBNGA = -1374.09078658 - 1343.10514669 - 467.608340499*NPLBNGA +
2148.06740357*LDRBNGA + 10063.0975119*NIMBNGA +
198.884363105*GCGBNGA + 5392.93936988*CARNBGA

HSBNII = -1781.11643545 - 1343.10514669 - 467.608340499*NPLBNII +
2148.06740357*LDRBNII + 10063.0975119*NIMBNII +
198.884363105*GCGBNII + 5392.93936988*CARNII

HSBNLI = -608.075336875 - 1343.10514669 - 467.608340499*NPLBNLI +
2148.06740357*LDRBNLI + 10063.0975119*NIMBNLI +
198.884363105*GCGBNLI + 5392.93936988*CARNLI

HSBSIM = -1880.44292826 - 1343.10514669 - 467.608340499*NPLBSIM +
2148.06740357*LDRBSIM + 10063.0975119*NIMBSIM +
198.884363105*GCBSIM + 5392.93936988*CARSIM

HSBSWD = -556.863597001 - 1343.10514669 - 467.608340499*NPLBSWD +
2148.06740357*LDRBSWD + 10063.0975119*NIMBSWD +
198.884363105*GCBSWD + 5392.93936988*CARSWD

HSBTPN = 1215.37584487 - 1343.10514669 - 467.608340499*NPLBTPN +
2148.06740357*LDRBTPN + 10063.0975119*NIMBTPN +
198.884363105*GCGBTPN + 5392.93936988*CARTPN

HSBVIC = -1365.4634163 - 1343.10514669 - 467.608340499*NPLBVIC +
2148.06740357*LDRBVIC + 10063.0975119*NIMBVIC +
198.884363105*GCGBVIC + 5392.93936988*CARTVIC

HSINPC = -2371.92284303 - 1343.10514669 - 467.608340499*NPLINPC +
2148.06740357*LDRINPC + 10063.0975119*NIMINPC +
198.884363105*GCGINPC + 5392.93936988*CARTINPC

HSMAYA = 598.250742955 - 1343.10514669 - 467.608340499*NPLMAYA +
2148.06740357*LDRMAYA + 10063.0975119*NIMMAYA +
198.884363105*GCGMAYA + 5392.93936988*CARMAYA

HSMCOR = -1950.72764154 - 1343.10514669 - 467.608340499*NPLMCOR +
2148.06740357*LDRMCOR + 10063.0975119*NIMMCOR +
198.884363105*GCGMCOR + 5392.93936988*CARMCOR

$$\begin{aligned}
\text{HSMEGA} &= 967.011435773 - 1343.10514669 - 467.608340499 \cdot \text{NPLMEGA} + \\
&\quad 2148.06740357 \cdot \text{LDRMEGA} + 10063.0975119 \cdot \text{NIMMEGA} + \\
&\quad 198.884363105 \cdot \text{GCGMEGA} + 5392.93936988 \cdot \text{CARMEGA} \\
\text{HSNISP} &= -812.261452343 - 1343.10514669 - 467.608340499 \cdot \text{NPLNISP} + \\
&\quad 2148.06740357 \cdot \text{LDRNISP} + 10063.0975119 \cdot \text{NIMNISP} + \\
&\quad 198.884363105 \cdot \text{GCGNISP} + 5392.93936988 \cdot \text{CARNISP} \\
\text{HSPNBN} &= -1460.96985952 - 1343.10514669 - 467.608340499 \cdot \text{NPLPNBN} + \\
&\quad 2148.06740357 \cdot \text{LDRPNBN} + 10063.0975119 \cdot \text{NIMPNBN} + \\
&\quad 198.884363105 \cdot \text{GCGPNBN} + 5392.93936988 \cdot \text{CARPNBN}
\end{aligned}$$

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-3554.711	1793.906		-1.982	.051
	NPL	-467.608	3742.046	-.004	-.125	.901
	LDR	2148.067	1899.336	.073	1.131	.262
	NIM	10063.098	6598.124	.066	1.525	.132
	GCG	198.884	281.436	.032	.707	.482
	CAR	5392.939	2701.834	.069	1.996	.050
	DBABP	64.142	687.054	.004	.093	.926
	DBACA	837.889	803.529	.051	1.043	.301
	DBBCA	11532.034	695.798	.709	16.574	.000
	DBBKP	1052.625	639.418	.065	1.646	.104
	DBBNI	4530.162	615.884	.278	7.356	.000
	DBBRI	9158.261	676.811	.563	13.531	.000
	DBBTN	719.471	707.097	.044	1.017	.312
	DBJBR	452.476	625.040	.028	.724	.472
	DBKSW	572.254	694.869	.035	.824	.413
	DBMRI	8986.496	611.444	.552	14.697	.000
	DBNBA	14.752	626.835	.001	.024	.981
	DBNGA	837.515	646.297	.051	1.296	.199
	DBNII	430.489	678.074	.026	.635	.528
	DBNLI	1603.530	648.765	.099	2.472	.016
	DBSIM	331.163	624.261	.020	.530	.597
	DBSWD	1654.742	612.660	.102	2.701	.009
	DBTPN	3426.981	661.992	.211	5.177	.000
	DBVIC	846.142	702.067	.052	1.205	.232
	DINPC	-160.317	616.456	-.010	-.260	.796
	DMAYA	2809.856	630.207	.173	4.459	.000
	DMCOR	260.878	624.551	.016	.418	.677
	DMEGA	3178.617	785.748	.195	4.045	.000
	DNISP	1399.344	634.481	.086	2.205	.031
	DPNBN	750.636	619.963	.046	1.211	.230

a. Dependent Variable: HS

Lampiran 5: Out Put Estimasi Model Dengan Random Effect Model

Dependent Variable: HS?
 Method: Pooled EGLS (Cross-section random effects)
 Date: 04/26/18 Time: 22:56
 Sample: 1 4
 Included observations: 4
 Cross-sections included: 25
 Total pool (balanced) observations: 100
 Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-930.5506	1691.376	-0.550174	0.5835
NPL?	-930.6283	3709.054	-0.250907	0.8024
LDR?	1693.500	1783.246	0.949673	0.3447
NIM?	13230.41	6453.676	2.050059	0.0431
GCG?	58.77222	274.6142	0.214017	0.8310
CAR?	5870.393	2672.039	2.196971	0.0305
Random Effects (Cross)				
AGRO--C	-2124.825			
BABP--C	-2013.719			
BACA--C	-1393.120			
BBCA--C	8843.642			
BBKP--C	-1041.632			
BBNI--C	2220.493			
BBRI--C	6547.066			
BBTN--C	-1263.326			
BJBR--C	-1759.313			
BKSW--C	-1516.118			
BMRI--C	6583.762			
BNBA--C	-2190.802			
BNGA--C	-1336.847			
BNII--C	-1811.674			
BNLI--C	-525.2377			
BSIM--C	-1897.228			
BSWD--C	-460.8256			
BTPN--C	1097.481			
BVIC--C	-1248.392			
INPC--C	-2299.962			
MAYA--C	627.0460			
MCOR--C	-1787.239			
MEGA--C	848.2504			
NISP--C	-728.3622			
PNBN--C	-1369.118			

Effects Specification		S.D.	Rho
Cross-section random		2516.552	0.8961
Idiosyncratic random		856.9185	0.1039

Weighted Statistics			
R-squared	0.077533	Mean dependent var	363.4148
Adjusted R-squared	0.028466	S.D. dependent var	922.5665
S.E. of regression	909.3410	Sum squared resid	77728694
F-statistic	1.580133	Durbin-Watson stat	1.140467
Prob(F-statistic)	0.173221		

Unweighted Statistics			
R-squared	0.046311	Mean dependent var	2165.230
Sum squared resid	9.69E+08	Durbin-Watson stat	0.091438

Substituted Coefficients:

=====

$$\begin{aligned} \text{HSAGRO} = & -2124.8254765 - 930.550568575 - 930.628269998 * \text{NPLAGRO} + \\ & 1693.50047417 * \text{LDRAGRO} + 13230.4146137 * \text{NIMAGRO} + \\ & 58.7722200516 * \text{GCGAGRO} + 5870.39309648 * \text{CARAGRO} \end{aligned}$$

$$\begin{aligned} \text{HSBABP} = & -2013.7188039 - 930.550568575 - 930.628269998 * \text{NPLBABP} + \\ & 1693.50047417 * \text{LDRBABP} + 13230.4146137 * \text{NIMBABP} + \\ & 58.7722200516 * \text{GCVBABP} + 5870.39309648 * \text{CARBABP} \end{aligned}$$

$$\begin{aligned} \text{HSBACA} = & -1393.11957837 - 930.550568575 - 930.628269998 * \text{NPLBACA} + \\ & 1693.50047417 * \text{LDRBACA} + 13230.4146137 * \text{NIMBACA} + \\ & 58.7722200516 * \text{GCVBACA} + 5870.39309648 * \text{CARBACA} \end{aligned}$$

$$\begin{aligned} \text{HSBBCA} = & 8843.64158756 - 930.550568575 - 930.628269998 * \text{NPLBBCA} + \\ & 1693.50047417 * \text{LDRBBCA} + 13230.4146137 * \text{NIMBBCA} + \\ & 58.7722200516 * \text{GCVBBCA} + 5870.39309648 * \text{CARBBCA} \end{aligned}$$

$$\begin{aligned} \text{HSBBKP} = & -1041.63175928 - 930.550568575 - 930.628269998 * \text{NPLBBKP} + \\ & 1693.50047417 * \text{LDRBBKP} + 13230.4146137 * \text{NIMBBKP} + \\ & 58.7722200516 * \text{GCVBBKP} + 5870.39309648 * \text{CARBBKP} \end{aligned}$$

$$\begin{aligned} \text{HSBBNI} = & 2220.49259036 - 930.550568575 - 930.628269998 * \text{NPLBBNI} + \\ & 1693.50047417 * \text{LDRBBNI} + 13230.4146137 * \text{NIMBBNI} + \\ & 58.7722200516 * \text{GCVBBNI} + 5870.39309648 * \text{CARBBNI} \end{aligned}$$

$$\begin{aligned} \text{HSBBRI} = & 6547.06633073 - 930.550568575 - 930.628269998 * \text{NPLBBRI} + \\ & 1693.50047417 * \text{LDRBBRI} + 13230.4146137 * \text{NIMBBRI} + \\ & 58.7722200516 * \text{GCVBBRI} + 5870.39309648 * \text{CARBBRI} \end{aligned}$$

$$\begin{aligned} \text{HSBBTN} = & -1263.32565296 - 930.550568575 - 930.628269998 * \text{NPLBBTN} + \\ & 1693.50047417 * \text{LDRBBTN} + 13230.4146137 * \text{NIMBBTN} + \\ & 58.7722200516 * \text{GCVBBTN} + 5870.39309648 * \text{CARBBTN} \end{aligned}$$

$$\begin{aligned} \text{HSBJBR} = & -1759.31309466 - 930.550568575 - 930.628269998 * \text{NPLBJBR} + \\ & 1693.50047417 * \text{LDRBJBR} + 13230.4146137 * \text{NIMBJBR} + \\ & 58.7722200516 * \text{GCVBJBR} + 5870.39309648 * \text{CARBJBR} \end{aligned}$$

$$\begin{aligned} \text{HSBKSW} = & -1516.11804734 - 930.550568575 - 930.628269998 * \text{NPLBKSW} + \\ & 1693.50047417 * \text{LDRBKSW} + 13230.4146137 * \text{NIMBKSW} + \\ & 58.7722200516 * \text{GCVBKSW} + 5870.39309648 * \text{CARBKSW} \end{aligned}$$

HSBMRI = 6583.7615656 - 930.550568575 - 930.628269998*NPLBMRI +
1693.50047417*LDRBMRI + 13230.4146137*NIMBMRI +
58.7722200516*GCGBMRI + 5870.39309648*CARBMRI

HSBNBA = -2190.80236929 - 930.550568575 - 930.628269998*NPLBNBA +
1693.50047417*LDRBNBA + 13230.4146137*NIMBNBA +
58.7722200516*GCGBNBA + 5870.39309648*CARNBA

HSBNGA = -1336.84740329 - 930.550568575 - 930.628269998*NPLBNGA +
1693.50047417*LDRBNGA + 13230.4146137*NIMBNGA +
58.7722200516*GCGBNGA + 5870.39309648*CARBNGA

HSBNII = -1811.67447932 - 930.550568575 - 930.628269998*NPLBNII +
1693.50047417*LDRBNII + 13230.4146137*NIMBNII +
58.7722200516*GCGBNII + 5870.39309648*CARNII

HSBNLI = -525.237703443 - 930.550568575 - 930.628269998*NPLBNLI +
1693.50047417*LDRBNLI + 13230.4146137*NIMBNLI +
58.7722200516*GCGBNLI + 5870.39309648*CARNLI

HSBSIM = -1897.2275478 - 930.550568575 - 930.628269998*NPLBSIM +
1693.50047417*LDRBSIM + 13230.4146137*NIMBSIM +
58.7722200516*GCGBSIM + 5870.39309648*CARBSIM

HSBSWD = -460.825632019 - 930.550568575 - 930.628269998*NPLBSWD +
1693.50047417*LDRBSWD + 13230.4146137*NIMBSWD +
58.7722200516*GCGBSWD + 5870.39309648*CARBSWD

HSBTPN = 1097.48148476 - 930.550568575 - 930.628269998*NPLBTPN +
1693.50047417*LDRBTPN + 13230.4146137*NIMBTPN +
58.7722200516*GCGBTPN + 5870.39309648*CARBTPN

HSBVIC = -1248.39154974 - 930.550568575 - 930.628269998*NPLBVIC +
1693.50047417*LDRBVIC + 13230.4146137*NIMBVIC +
58.7722200516*GCGBVIC + 5870.39309648*CARBVIC

HSINPC = -2299.96210352 - 930.550568575 - 930.628269998*NPLINPC +
1693.50047417*LDRINPC + 13230.4146137*NIMINPC +
58.7722200516*GCGINPC + 5870.39309648*CARINPC

HSMAYA = 627.045953727 - 930.550568575 - 930.628269998*NPLMAYA +
1693.50047417*LDRMAYA + 13230.4146137*NIMMAYA +
58.7722200516*GCGMAYA + 5870.39309648*CARMAYA

HSMCOR = -1787.23876317 - 930.550568575 - 930.628269998*NPLMCOR +
1693.50047417*LDRMCOR + 13230.4146137*NIMMCOR +
58.7722200516*GCGMCOR + 5870.39309648*CARMCOR
HSMEGA = 848.25043028 - 930.550568575 - 930.628269998*NPLMEGA +
1693.50047417*LDRMEGA + 13230.4146137*NIMMEGA +
58.7722200516*GCGMEGA + 5870.39309648*CARMEGA
HSNISP = -728.362185264 - 930.550568575 - 930.628269998*NPLNISP +
1693.50047417*LDRNISP + 13230.4146137*NIMNISP +
58.7722200516*GCGNISP + 5870.39309648*CARNISP
HSPNBN = -1369.11779315 - 930.550568575 - 930.628269998*NPLPNBN +
1693.50047417*LDRPNBN + 13230.4146137*NIMPNBN +
58.7722200516*GCGPNBN + 5870.39309648*CARNPNBN

Lampiran 6: Out Put Pemilihan Estimasi Model Dengan Uji Chow

Redundant Fixed Effects Tests

Pool: PERUSAHAAN

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	40.192102	(24,70)	0.0000
Cross-section Chi-square	269.328502	24	0.0000

Cross-section fixed effects test equation:

Dependent Variable: HS?

Method: Panel Least Squares

Date: 04/26/18 Time: 23:01

Sample: 1 4

Included observations: 4

Cross-sections included: 25

Total pool (balanced) observations: 100

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3160.149	2805.145	1.126555	0.2628
NPL?	-7541.171	10704.54	-0.704484	0.4829
LDR?	-1236.878	2718.131	-0.455047	0.6501
NIM?	53141.09	13859.74	3.834204	0.0002
GCG?	-1783.863	578.5748	-3.083202	0.0027
CAR?	4403.108	7092.350	0.620825	0.5362
R-squared	0.252650	Mean dependent var		2165.230
Adjusted R-squared	0.212897	S.D. dependent var		3204.412
S.E. of regression	2842.916	Akaike info criterion		18.80117
Sum squared resid	7.60E+08	Schwarz criterion		18.95748
Log likelihood	-934.0586	Hannan-Quinn criter.		18.86443
F-statistic	6.355553	Durbin-Watson stat		0.414218
Prob(F-statistic)	0.000040			

Lampiran 7: Out Put Pemilihan Estimasi Model Dengan Uji Hausman

Correlated Random Effects - Hausman Test

Pooled: PERUSAHAAN

Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	16.852806	5	0.0048

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
NPL?	-467.608340	-930.628270	245823.38...	0.3504
LDR?	2148.067...	1693.500474	427510.47...	0.4869
NIM?	10063.09...	13230.414...	1885309.9...	0.0211
GCG?	198.884363	58.772220	3793.004933	0.0229
CAR?	5392.939...	5870.393096	160111.96...	0.2328

Cross-section random effects test equation:

Dependent Variable: HS?

Method: Panel Least Squares

Date: 04/26/18 Time: 22:59

Sample: 1 4

Included observations: 4

Cross-sections included: 25

Total pool (balanced) observations: 100

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-1343.105	1699.257	-0.790407	0.4320
NPL?	-467.6083	3742.046	-0.124961	0.9009
LDR?	2148.067	1899.336	1.130957	0.2619
NIM?	10063.10	6598.124	1.525145	0.1317
GCG?	198.8844	281.4355	0.706678	0.4821
CAR?	5392.939	2701.834	1.996029	0.0498

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.949436	Mean dependent var	2165.230
Adjusted R-squared	0.928487	S.D. dependent var	3204.412
S.E. of regression	856.9185	Akaike info criterion	16.58789
Sum squared resid	51401647	Schwarz criterion	17.36944
Log likelihood	-799.3944	Hannan-Quinn criter.	16.90420
F-statistic	45.32318	Durbin-Watson stat	1.705920
Prob(F-statistic)	0.000000		

Lampiran 8: Out Put Pemilihan Estimasi Model Dengan Uji Lagrange

Multiplier

Lagrange Multiplier Tests for Random Effects

Null hypotheses: No effects

Alternative hypotheses: Two-sided (Breusch-Pagan) and one-sided
(all others) alternatives

	Test Hypothesis		
	Cross-section	Time	Both
Breusch-Pagan	81.78092 (0.0000)	0.204613 (0.6510)	81.98554 (0.0000)
Honda	9.043281 (0.0000)	-0.452342 (0.6745)	6.074711 (0.0000)
King-Wu	9.043281 (0.0000)	-0.452342 (0.6745)	2.587955 (0.0048)
Standardized Honda	9.778274 (0.0000)	0.043963 (0.4825)	3.273583 (0.0005)
Standardized King-Wu	9.778274 (0.0000)	0.043963 (0.4825)	0.567726 (0.2851)
Gourieroux, et al.*	--	--	81.78092 (0.0000)

Lampiran 9: Out Put Uji Asumsi Regresi Data Panel

Model Awal

Dependent Variable: HS?
 Method: Pooled Least Squares
 Date: 05/24/18 Time: 23:18
 Sample: 1 4
 Included observations: 4
 Cross-sections included: 25
 Total pool (balanced) observations: 100

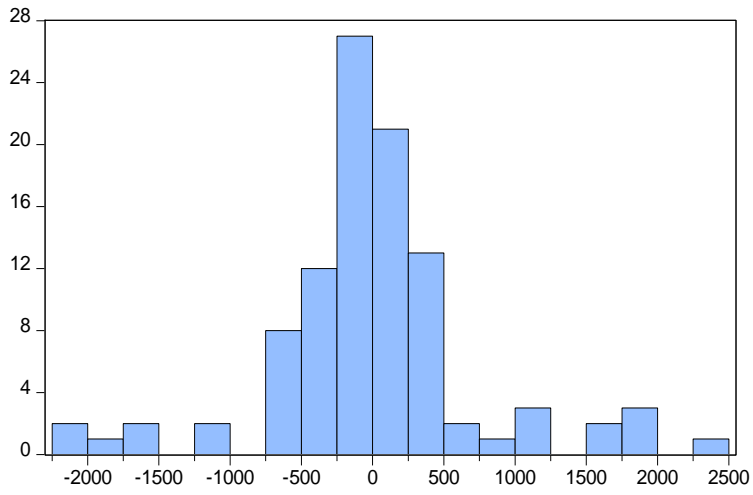
Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-1343.105	1699.257	-0.790407	0.4320
NPL?	-467.6083	3742.046	-0.124961	0.9009
LDR?	2148.067	1899.336	1.130957	0.2619
NIM?	10063.10	6598.124	1.525145	0.1317
GCG?	198.8844	281.4355	0.706678	0.4821
CAR?	5392.939	2701.834	1.996029	0.0498
Fixed Effects (Cross)				
AGRO--C	-2211.606			
BABP--C	-2147.463			
BACA--C	-1373.716			
BBCA--C	9320.428			
BBKP--C	-1158.980			
BBNI--C	2318.556			
BBRI--C	6946.656			
BBTN--C	-1492.134			
BJBR--C	-1759.130			
BKSW--C	-1639.351			
BMRI--C	6774.890			
BNBA--C	-2196.853			
BNGA--C	-1374.091			
BNII--C	-1781.116			
BNLI--C	-608.0753			
BSIM--C	-1880.443			
BSWD--C	-556.8636			
BTPN--C	1215.376			
BVIC--C	-1365.463			
INPC--C	-2371.923			
MAYA--C	598.2507			
MCOR--C	-1950.728			
MEGA--C	967.0114			
NISP--C	-812.2615			
PBNB--C	-1460.970			

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.949436	Mean dependent var	2165.230
Adjusted R-squared	0.928487	S.D. dependent var	3204.412
S.E. of regression	856.9185	Akaike info criterion	16.58789
Sum squared resid	51401647	Schwarz criterion	17.36944
Log likelihood	-799.3944	Hannan-Quinn criter.	16.90420
F-statistic	45.32318	Durbin-Watson stat	1.705920
Prob(F-statistic)	0.000000		

Output Uji Normalitas



Series: Standardized Residuals
Sample 2012 2015
Observations 100

Mean -4.63e-14
Median -17.03573
Maximum 2358.136
Minimum -2104.775
Std. Dev. 720.5613
Skewness 0.208299
Kurtosis 5.560393

Jarque-Bera 28.03819
Probability 0.000001

Model Revisi Pertama (Model Regresi Semi Logaritma)

Dependent Variable: LOGHS?

Method: Pooled Least Squares

Date: 04/29/18 Time: 21:24

Sample: 1 4

Included observations: 4

Cross-sections included: 25

Total pool (balanced) observations: 100

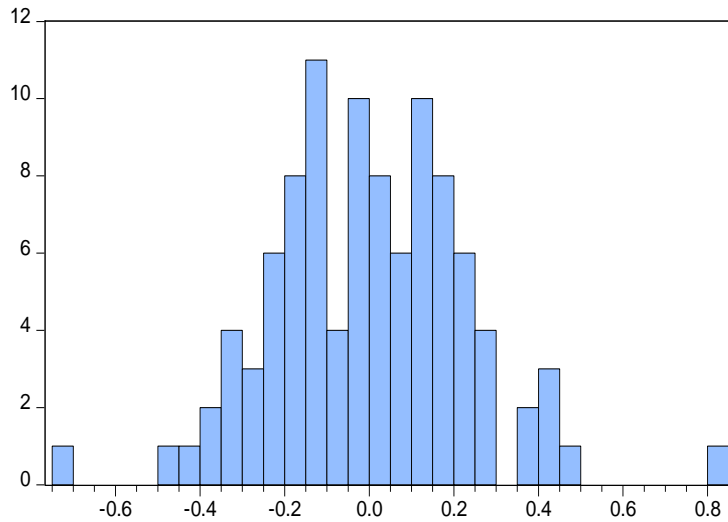
Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	6.554989	0.556957	11.76930	0.0000
NPL?	-2.160460	1.226511	-1.761468	0.0825
LDR?	-0.678211	0.622536	-1.089434	0.2797
NIM?	5.929414	2.162633	2.741757	0.0078
GCG?	0.133624	0.092245	1.448588	0.1519
CAR?	0.936030	0.885566	1.056985	0.2942
Fixed Effects (Cross)				
AGRO--C	-1.931556			
BABP--C	-2.186453			
BACA--C	-2.001355			
BBCA--C	2.586244			
BBKP--C	-0.069886			
BBNI--C	1.766156			
BBRI--C	2.327135			
BBTN--C	0.557466			
BJBR--C	-0.010929			
BKSW--C	-0.247207			
BMRI--C	2.439417			
BNBA--C	-1.705764			
BNGA--C	0.198067			
BNII--C	-0.921487			
BNLI--C	0.634190			
BSIM--C	-1.060980			
BSWD--C	0.646437			
BTPN--C	1.417472			
BVIC--C	-1.797788			
INPC--C	-2.203742			
MAYA--C	1.164624			
MCOR--C	-1.353252			
MEGA--C	0.956693			
NISP--C	0.676618			
PNBN--C	0.119880			

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.975609	Mean dependent var	6.650840
Adjusted R-squared	0.965504	S.D. dependent var	1.512237
S.E. of regression	0.280868	Akaike info criterion	0.541459
Sum squared resid	5.522068	Schwarz criterion	1.323010
Log likelihood	2.927037	Hannan-Quinn criter.	0.857767
F-statistic	96.54929	Durbin-Watson stat	1.816530
Prob(F-statistic)	0.000000		

Output Uji Normalitas



Series: Standardized Residuals
 Sample 2012 2015
 Observations 100

Mean -4.15e-18
 Median -0.003899
 Maximum 0.813617
 Minimum -0.744176
 Std. Dev. 0.236175
 Skewness 0.126855
 Kurtosis 4.006359

Jarque-Bera 4.488033
 Probability 0.106032

Output Uji Multikolonieritas

Variance Inflation Factors
 Date: 05/24/18 Time: 16:59
 Sample: 1 100
 Included observations: 100

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
C	7868838.	97.36046	NA
NPL	1.15E+08	1.870962	1.084259
LDR	7388235.	65.68233	1.064466
NIM	1.92E+08	8.373095	1.028897
GCG	334748.7	15.86201	1.106142
CAR	50301434	14.02129	1.049667

Output Uji Autokorelasi

Dependent Variable: LOGHS?
 Method: Pooled Least Squares
 Date: 04/29/18 Time: 21:24
 Sample: 1 4
 Included observations: 4
 Cross-sections included: 25
 Total pool (balanced) observations: 100

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	6.554989	0.556957	11.76930	0.0000
NPL?	-2.160460	1.226511	-1.761468	0.0825
LDR?	-0.678211	0.622536	-1.089434	0.2797
NIM?	5.929414	2.162633	2.741757	0.0078
GCG?	0.133624	0.092245	1.448588	0.1519
CAR?	0.936030	0.885566	1.056985	0.2942
Fixed Effects (Cross)				
AGRO--C	-1.931556			
BABP--C	-2.186453			
BACA--C	-2.001355			
BBCA--C	2.586244			
BBKP--C	-0.069886			
BBNI--C	1.766156			
BBRI--C	2.327135			
BBTN--C	0.557466			
BJBR--C	-0.010929			
BKSW--C	-0.247207			
BMRI--C	2.439417			
BNBA--C	-1.705764			
BNGA--C	0.198067			
BNII--C	-0.921487			
BNLI--C	0.634190			
BSIM--C	-1.060980			
BSWD--C	0.646437			
BTPN--C	1.417472			
BVIC--C	-1.797788			
INPC--C	-2.203742			
MAYA--C	1.164624			
MCOR--C	-1.353252			
MEGA--C	0.956693			
NISP--C	0.676618			
PBNB--C	0.119880			

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.975609	Mean dependent var	6.650840
Adjusted R-squared	0.965504	S.D. dependent var	1.512237
S.E. of regression	0.280868	Akaike info criterion	0.541459
Sum squared resid	5.522068	Schwarz criterion	1.323010
Log likelihood	2.927037	Hannan-Quinn criter.	0.857767
F-statistic	96.54929	Durbin-Watson stat	1.816530
Prob(F-statistic)	0.000000		

Output Uji Heteroskedastisitas

Dependent Variable: ABSRESID

Method: Panel Least Squares

Date: 04/21/18 Time: 23:19

Sample: 2012 2015

Periods included: 4

Cross-sections included: 25

Total panel (balanced) observations: 100

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.498238	0.247596	2.012302	0.0480
NPL	-0.930117	0.545248	-1.705861	0.0925
LDR	-0.473823	0.276749	-1.712101	0.0913
NIM	-1.311794	0.961403	-1.364458	0.1768
GCG	0.048556	0.041008	1.184078	0.2404
CAR	0.602489	0.393680	1.530403	0.1304

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.492095	Mean dependent var	0.183669
Adjusted R-squared	0.281677	S.D. dependent var	0.147321
S.E. of regression	0.124860	Akaike info criterion	-1.079917
Sum squared resid	1.091307	Schwarz criterion	-0.298366
Log likelihood	83.99586	Hannan-Quinn criter.	-0.763609
F-statistic	2.338658	Durbin-Watson stat	3.301681
Prob(F-statistic)	0.002013		

Lampiran 10: Out Put Uji Kesesuaian Model

Dependent Variable: LOGHS?
 Method: Pooled Least Squares
 Date: 04/29/18 Time: 21:24
 Sample: 1 4
 Included observations: 4
 Cross-sections included: 25
 Total pool (balanced) observations: 100

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	6.554989	0.556957	11.76930	0.0000
NPL?	-2.160460	1.226511	-1.761468	0.0825
LDR?	-0.678211	0.622536	-1.089434	0.2797
NIM?	5.929414	2.162633	2.741757	0.0078
GCG?	0.133624	0.092245	1.448588	0.1519
CAR?	0.936030	0.885566	1.056985	0.2942
Fixed Effects (Cross)				
AGRO--C	-1.931556			
BABP--C	-2.186453			
BACA--C	-2.001355			
BBCA--C	2.586244			
BBKP--C	-0.069886			
BBNI--C	1.766156			
BBRI--C	2.327135			
BBTN--C	0.557466			
BJBR--C	-0.010929			
BKSW--C	-0.247207			
BMRI--C	2.439417			
BNBA--C	-1.705764			
BNGA--C	0.198067			
BNII--C	-0.921487			
BNLI--C	0.634190			
BSIM--C	-1.060980			
BSWD--C	0.646437			
BTPN--C	1.417472			
BVIC--C	-1.797788			
INPC--C	-2.203742			
MAYA--C	1.164624			
MCOR--C	-1.353252			
MEGA--C	0.956693			
NISP--C	0.676618			
PNBN--C	0.119880			
Effects Specification				
Cross-section fixed (dummy variables)				
R-squared	0.975609	Mean dependent var	6.650840	
Adjusted R-squared	0.965504	S.D. dependent var	1.512237	
S.E. of regression	0.280868	Akaike info criterion	0.541459	
Sum squared resid	5.522068	Schwarz criterion	1.323010	
Log likelihood	2.927037	Hannan-Quinn criter.	0.857767	
F-statistic	96.54929	Durbin-Watson stat	1.816530	
Prob(F-statistic)	0.000000			

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	4.623	.588		7.863	.000
	NPL	-2.160	1.227	-.040	-1.761	.083
	LDR	-.678	.623	-.049	-1.089	.280
	NIM	5.929	2.163	.082	2.742	.008
	GCG	.134	.092	.046	1.449	.152
	CAR	.936	.886	.026	1.057	.294
	DBABP	-.255	.225	-.033	-1.132	.262
	DBACA	-.070	.263	-.009	-.265	.792
	DBBCA	4.518	.228	.588	19.810	.000
	DBBKP	1.862	.210	.242	8.883	.000
	DBBNI	3.698	.202	.482	18.318	.000
	DBBRI	4.259	.222	.555	19.198	.000
	DBBTN	2.489	.232	.324	10.740	.000
	DBJBR	1.921	.205	.250	9.375	.000
	DBKSW	1.684	.228	.219	7.395	.000
	DBMRI	4.371	.200	.569	21.810	.000
	DBNBA	.226	.205	.029	1.099	.276
	DBNGA	2.130	.212	.277	10.053	.000
	DBNII	1.010	.222	.132	4.545	.000
	DBNLI	2.566	.213	.334	12.066	.000
	DBSIM	.871	.205	.113	4.255	.000
	DBSWD	2.578	.201	.336	12.838	.000
	DBTPN	3.349	.217	.436	15.435	.000
	DBVIC	.134	.230	.017	.581	.563
	DINPC	-.272	.202	-.035	-1.347	.182
	DMAYA	3.096	.207	.403	14.989	.000
	DMCOR	.578	.205	.075	2.825	.006
	DMEGA	2.888	.258	.376	11.215	.000
	DNISP	2.608	.208	.340	12.542	.000
	DPNBN	2.051	.203	.267	10.096	.000

a. Dependent Variable: LN_HS

Substituted Coefficients:

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$$\begin{aligned} \text{LOGHSAGRO} = & -1.93155605949 + 6.55498885448 - 2.16045954775*\text{NPLAGRO} - \\ & 0.678211357241*\text{LDRAGRO} + 5.92941429557*\text{NIMAGRO} + \\ & 0.133624497166*\text{GCGAGRO} + 0.936030066694*\text{CARAGRO} \end{aligned}$$

$$\begin{aligned} \text{LOGHSBABP} = & -2.1864527341 + 6.55498885448 - 2.16045954775*\text{NPLBABP} - \\ & 0.678211357241*\text{LDRBABP} + 5.92941429557*\text{NIMBABP} + \\ & 0.133624497166*\text{GCEBABP} + 0.936030066694*\text{CARBABP} \end{aligned}$$

$$\begin{aligned} \text{LOGHSBACA} = & -2.00135523131 + 6.55498885448 - 2.16045954775*\text{NPLBACA} - \\ & 0.678211357241*\text{LDRBACA} + 5.92941429557*\text{NIMBACA} + \\ & 0.133624497166*\text{GCEBACA} + 0.936030066694*\text{CARBACA} \end{aligned}$$

$$\begin{aligned} \text{LOGHSBBCA} = & 2.58624362403 + 6.55498885448 - 2.16045954775*\text{NPLBBCA} - \\ & 0.678211357241*\text{LDRBBCA} + 5.92941429557*\text{NIMBBCA} + \\ & 0.133624497166*\text{GCEBBCA} + 0.936030066694*\text{CARBBCA} \end{aligned}$$

$$\begin{aligned} \text{LOGHSBBKP} = & -0.0698859166649 + 6.55498885448 - 2.16045954775*\text{NPLBBKP} - \\ & 0.678211357241*\text{LDRBBKP} + 5.92941429557*\text{NIMBBKP} + \\ & 0.133624497166*\text{GCEBBKP} + 0.936030066694*\text{CARBBKP} \end{aligned}$$

$$\begin{aligned} \text{LOGHSBBNI} = & 1.7661563535 + 6.55498885448 - 2.16045954775*\text{NPLBBNI} - \\ & 0.678211357241*\text{LDRBBNI} + 5.92941429557*\text{NIMBBNI} + \\ & 0.133624497166*\text{GCEBBNI} + 0.936030066694*\text{CARBBNI} \end{aligned}$$

$$\begin{aligned} \text{LOGHSBBRI} = & 2.3271353924 + 6.55498885448 - 2.16045954775*\text{NPLBBRI} - \\ & 0.678211357241*\text{LDRBBRI} + 5.92941429557*\text{NIMBBRI} + \\ & 0.133624497166*\text{GCEBBRI} + 0.936030066694*\text{CARBBRI} \end{aligned}$$

$$\begin{aligned} \text{LOGHSBBTN} = & 0.557466149215 + 6.55498885448 - 2.16045954775*\text{NPLBBTN} - \\ & 0.678211357241*\text{LDRBBTN} + 5.92941429557*\text{NIMBBTN} + \\ & 0.133624497166*\text{GCEBBTN} + 0.936030066694*\text{CARBBTN} \end{aligned}$$

$$\begin{aligned} \text{LOGHSBJBR} = & -0.0109285756493 + 6.55498885448 - 2.16045954775*\text{NPLBJBR} - \\ & 0.678211357241*\text{LDRBJBR} + 5.92941429557*\text{NIMBJBR} + \\ & 0.133624497166*\text{GCEBJBR} + 0.936030066694*\text{CARBJBR} \end{aligned}$$

$$\begin{aligned} \text{LOGHSBKSW} = & -0.247207459259 + 6.55498885448 - 2.16045954775*\text{NPLBKSW} - \\ & 0.678211357241*\text{LDRBKSW} + 5.92941429557*\text{NIMBKSW} + \\ & 0.133624497166*\text{GCEBKSW} + 0.936030066694*\text{CARBKSW} \end{aligned}$$

LOGHSBMRI = 2.43941713401 + 6.55498885448 - 2.16045954775*NPLBMRI -
0.678211357241*LDRBMRI + 5.92941429557*NIMBMRI +
0.133624497166*GCGBMRI + 0.936030066694*CARMRI

LOGHSBNBA = -1.70576434323 + 6.55498885448 - 2.16045954775*NPLBNBA -
0.678211357241*LDRBNBA + 5.92941429557*NIMBNBA +
0.133624497166*GCGBNBA + 0.936030066694*CARNBA

LOGHSBNGA = 0.198067453026 + 6.55498885448 - 2.16045954775*NPLBNGA -
0.678211357241*LDRBNGA + 5.92941429557*NIMBNGA +
0.133624497166*GCGBNGA + 0.936030066694*CARNGA

LOGHSBNII = -0.921487345711 + 6.55498885448 - 2.16045954775*NPLBNII -
0.678211357241*LDRBNII + 5.92941429557*NIMBNII +
0.133624497166*GCGBNII + 0.936030066694*CARNII

LOGHSBNLI = 0.634189720859 + 6.55498885448 - 2.16045954775*NPLBNLI -
0.678211357241*LDRBNLI + 5.92941429557*NIMBNLI +
0.133624497166*GCGBNLI + 0.936030066694*CARNLI

LOGHSBSIM = -1.06097985894 + 6.55498885448 - 2.16045954775*NPLBSIM -
0.678211357241*LDRBSIM + 5.92941429557*NIMBSIM +
0.133624497166*GCGBSIM + 0.936030066694*CARSIM

LOGHSBSWD = 0.646437002434 + 6.55498885448 - 2.16045954775*NPLBSWD -
0.678211357241*LDRBSWD + 5.92941429557*NIMBSWD +
0.133624497166*GCGBSWD + 0.936030066694*CARSWD

LOGHSBTPN = 1.41747168041 + 6.55498885448 - 2.16045954775*NPLBTPN -
0.678211357241*LDRBTPN + 5.92941429557*NIMBTPN +
0.133624497166*GCGBTPN + 0.936030066694*CARTPN

LOGHSBVIC = -1.797787826 + 6.55498885448 - 2.16045954775*NPLBVIC -
0.678211357241*LDRBVIC + 5.92941429557*NIMBVIC +
0.133624497166*GCGBVIC + 0.936030066694*CARTVIC

LOGHSINPC = -2.20374186142 + 6.55498885448 - 2.16045954775*NPLINPC -
0.678211357241*LDRINPC + 5.92941429557*NIMINPC +
0.133624497166*GCGINPC + 0.936030066694*CARTINPC

LOGHSMAYA = 1.16462436963 + 6.55498885448 - 2.16045954775*NPLMAYA -
0.678211357241*LDRMAYA + 5.92941429557*NIMMAYA +
0.133624497166*GCGMAYA + 0.936030066694*CARMAYA

LOGHSMCOR = -1.35325208693 + 6.55498885448 - 2.16045954775*NPLMCOR -
0.678211357241*LDRMCOR + 5.92941429557*NIMMCOR +
0.133624497166*GCGMCOR + 0.936030066694*CARMCOR

LOGHSMEGA = 0.956692656427 + 6.55498885448 - 2.16045954775*NPLMEGA -
0.678211357241*LDRMEGA + 5.92941429557*NIMMEGA +
0.133624497166*GCGMEGA + 0.936030066694*CARMEGA

LOGHSNISP = 0.676618051454 + 6.55498885448 - 2.16045954775*NPLNISP -
0.678211357241*LDRNISP + 5.92941429557*NIMNISP +
0.133624497166*GCGNISP + 0.936030066694*CARNISP

LOGHSPNBN = 0.119879711327 + 6.55498885448 - 2.16045954775*NPLPNBN -
0.678211357241*LDRPNBN + 5.92941429557*NIMPNBN +
0.133624497166*GCGPNBN + 0.936030066694*CARNPNBN