



# LAMPIRAN



Lampiran 1. Data yang Digunakan dalam Penelitian

Tahun	IMK <sub>t</sub>	PDK <sub>t</sub>	HKI <sub>t</sub>	DK <sub>t</sub>	PDKL <sub>t-1</sub>	HKIL <sub>t-1</sub>
1991	672757	1555450	923821	2362070	1487430	855822
1992	694133	1869710	893839	2611166	1555450	923821
1993	723864	1708530	990780	2478976	1869710	893839
1994	800461	1564850	1109290	2408886	1708530	990780
1995	607393	1680010	1131725	2331152	1564850	1109290
1996	746329	1517180	1231884	2301668	1680010	1131725
1997	616375	1356890	1367704	2003985	1517180	1231884
1998	343124	1305640	2454813	1673985	1356890	1367704
1999	1301755	1382850	2608220	2719895	1305640	2454813
2000	1277685	1017630	2268290	2310224	1382850	2608220
2001	1136419	826932	2663080	1961357	1017630	2268290
2002	1365253	673056	3110249	2010633	826932	2663080
2003	1192717	671600	3278278	2003134	673056	3110249
2004	1117790	723483	3499490	1996821	671600	3278278
2005	1086178	808353	3893734	2247938	723483	3499490
2006	1132144	747611	3730961	2179860	808353	3893734
2007	1814451	592634	4300021	2235000	747611	3730961
2008	1173097	776491	6211928	2325998	592634	4300021
2009	1314620	974512	6588062	2395923	776491	6211928
2010	1740505	907031	6712672	2428174	974512	6588062

Sumber: Data BPS, FAOSTAT, DEPTAN, 2013 (Diolah).

Keterangan:

IMK<sub>t</sub> = Impor Kedelai Indonesia pada Tahun t (ton)

DK<sub>t</sub> = Permintaan Kedelai Indonesia pada Tahun t (ton)

PDK<sub>t</sub> = Produksi Kedelai Indonesia pada Tahun t (ton)

HKI<sub>t</sub> = Harga Kedelai Indonesia pada Tahun t (Rp/ton)

PDKL<sub>t-1</sub> = Produksi Kedelai Indonesia pada Tahun Sebelumnya (ton)

HKIL<sub>t-1</sub> = Harga Kedelai Indonesia pada Tahun Sebelumnya (Rp/ton)

## Lampiran 1. (Lanjutan)

Tahun	JP <sub>t</sub>	HKD <sub>t</sub>	NT <sub>t</sub>	PP <sub>t</sub>	TIK <sub>t</sub>	HA <sub>t</sub>	LP <sub>t</sub>
1991	187452000	205	1992	1501270	53784	3562480	1368200
1992	190512000	204	2062	1667717	55330	3719290	1665000
1993	193526000	235	2110	1926717	57459	3510000	1470210
1994	196488000	201	2200	2197326	66988	3905000	1406920
1995	199400000	247	2308	2571759	34311	3861000	1477430
1996	202257000	247	2383	2967432	40176	4699000	1273290
1997	205063000	238	4650	3444791	77959	4696000	1119080
1998	207839000	181	8025	5167174	115412	7746000	1095070
1999	210611000	170	7100	5858312	0	11883000	1151080
2000	213395000	167	9595	6775003	0	11244590	825000
2001	216203000	196	10400	7917769	0	12114220	678848
2002	219026000	203	8940	8645086	0	13325000	544522
2003	221839000	270	8465	9429501	351843	13432746	526796
2004	224607000	211	9290	10610081	521102	14228435	565155
2005	227303000	208	9830	12704839	418126	20968984	621541
2006	229919000	236	9020	14741637	238679	22491677	580534
2007	232462000	371	9419	17179215	201524	23826488	459116
2008	234951000	366	10950	21013538	646050	30372758	591899
2009	237414000	352	9400	23647682	0	38091698	722791
2010	239871000	430	8991	26786768	0	40770551	660823

Sumber: Data BPS, FAOSTAT, DEPTAN, BI, 2013 (Diolah).

## Keterangan:

TIK<sub>t</sub> = Tarif Impor Kedelai pada Tahun t (Rp/ton)

JP<sub>t</sub> = Jumlah Penduduk Indonesia pada Tahun t (jiwa)

PP<sub>t</sub> = Pendapatan Penduduk pada Tahun t (Rp)

HA<sub>t</sub> = Harga Barang Lain pada Tahun t (Harga Daging Ayam) (Rp/ton)

HKD<sub>t</sub> = Harga Kedelai Dunia pada Tahun t (USD/ton)

NT<sub>t</sub> = Nilai Tukar Rupiah terhadap Dollar AS pada Tahun t (RP/USD)

LP<sub>t</sub> = Luas Panen pada Tahun t (ha)



## Lampiran 2. Perintah Analisis Data Penelitian (SYSLIN)

**DATA** Kedelai1;

<b>INPUT</b>	<b>TAHUN</b>	<b>IMK</b>	<b>PKD</b>	<b>HKI</b>	<b>DK</b>	<b>PKDL</b>	<b>HKIL;</b>
<b>CARDS;</b>							
1991	672757	1555450	923821	2362070	1487430	855822	
1992	694133	1869710	893839	2611166	1555450	923821	
1993	723864	1708530	990780	2478976	1869710	893839	
1994	800461	1564850	1109290	2408886	1708530	990780	
1995	607393	1680010	1131725	2331152	1564850	1109290	
1996	746329	1517180	1231884	2301668	1680010	1131725	
1997	616375	1356890	1367704	2003985	1517180	1231884	
1998	343124	1305640	2454813	1673985	1356890	1367704	
1999	1301755	1382850	2608220	2719895	1305640	2454813	
2000	1277685	1017630	2268290	2310224	1382850	2608220	
2001	1136419	826932	2663080	1961357	1017630	2268290	
2002	1365253	673056	3110249	2010633	826932	2663080	
2003	1192717	671600	3278278	2003134	673056	3110249	
2004	1117790	723483	3499490	1996821	671600	3278278	
2005	1086178	808353	3893734	2247938	723483	3499490	
2006	1132144	747611	3730961	2179860	808353	3893734	
2007	1814451	592634	4300021	2235000	747611	3730961	
2008	1173097	776491	6211928	2325998	592634	4300021	
2009	1314620	974512	6588062	2395923	776491	6211928	
2010	1740505	907031	6712672	2428174	974512	6588062	

;

**DATA** Kedelai2;

<b>INPUT</b>	<b>TAHUN</b>	<b>JP</b>	<b>HKD</b>	<b>NT</b>	<b>PP</b>	<b>TIK</b>	<b>HA</b>	<b>LP;</b>
<b>CARDS;</b>								
1991	187452000	205	1992	1501270	53784	3562480	1368200	
1992	190512000	204	2062	1667717	55330	3719290	1665000	
1993	193526000	235	2110	1926717	57459	3510000	1470210	
1994	196488000	201	2200	2197326	66988	3905000	1406920	
1995	199400000	247	2308	2571759	34311	3861000	1477430	
1996	202257000	247	2383	2967432	40176	4699000	1273290	
1997	205063000	238	4650	3444791	77959	4696000	1119080	
1998	207839000	181	8025	5167174	115412	7746000	1095070	
1999	210611000	170	7100	5858312	0	11883000	1151080	
2000	213395000	167	9595	6775003	0	11244590	825000	
2001	216203000	196	10400	7917769	0	12114220	678848	
2002	219026000	203	8940	8645086	0	13325000	544522	
2003	221839000	270	8465	9429501	351843	13432746	526796	
2004	224607000	211	9290	10610081	521102	14228435	565155	
2005	227303000	208	9830	12704839	418126	20968984	621541	
2006	229919000	236	9020	14741637	238679	22491677	580534	
2007	232462000	371	9419	17179215	201524	23826488	459116	
2008	234951000	366	10950	21013538	646050	30372758	591899	
2009	237414000	352	9400	23647682	0	38091698	722791	
2010	239871000	430	8991	26786768	0	40770551	660823	

;

Lampiran 2. (Lanjutan)

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DATA Kedelai;
MERGE Kedelai1 Kedelai2;BY TAHUN;

SK      =      PDK+IMK;
RUN;

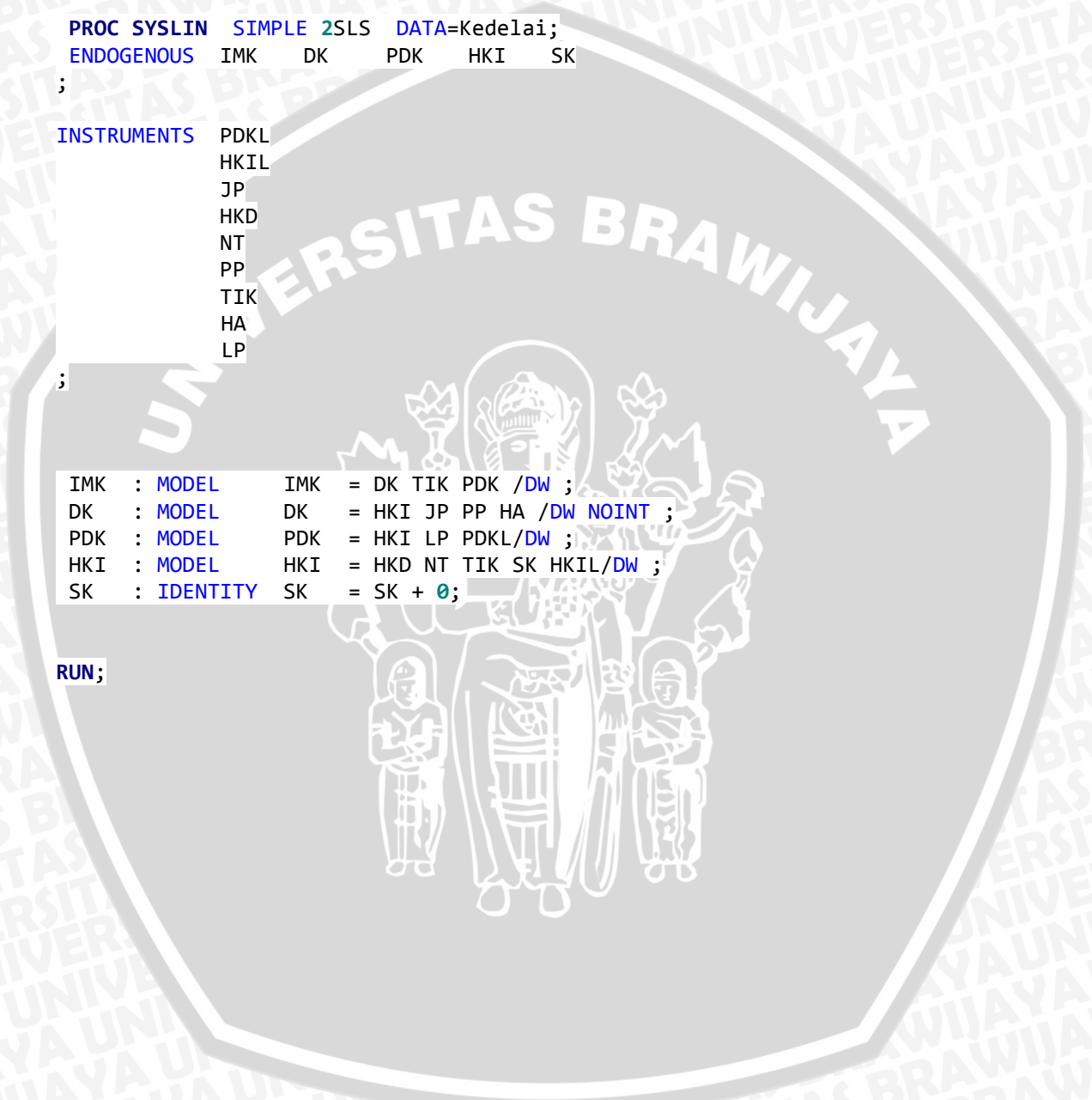
PROC SYSLIN  SIMPLE 2SLS  DATA=Kedelai;
ENDOGENOUS  IMK    DK    PDK    HKI    SK
;

INSTRUMENTS  PDKL
              HKIL
              JP
              HKD
              NT
              PP
              TIK
              HA
              LP
;

IMK  : MODEL    IMK  = DK TIK PDK /DW ;
DK   : MODEL    DK   = HKI JP PP HA /DW NOINT ;
PDK  : MODEL    PDK  = HKI LP PDKL/DW ;
HKI  : MODEL    HKI  = HKD NT TIK SK HKIL/DW ;
SK   : IDENTITY SK   = SK + 0;

RUN;

```



Lampiran 3. Output Analisis Data Penelitian Metode 2SLS

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The SYSLIN Procedure

Descriptive Statistics

Variables	Uncorrected		Std		
	Sum	Mean	SS	Variance	Deviation
Intercept	20.0000	1.0000	20.0000	0	0
PDKL	23240842	1162042	3.034E13	1.755E11	418903
HKIL	53111991	2655600	1.966E14	2.922E12	1709371
JP	4.2901E9	2.1451E8	9.254E17	2.679E14	16367018
HKD	4938.0	246.9	1323886	5510.2	74.2307
NT	137130	6856.5	1.1589E9	11507065	3392.2
PP	1.8675E8	9337681	2.879E15	5.974E13	7729033
TIK	2878743	143937	1.121E12	3.719E10	192860
HA	2.8845E8	14422446	6.697E15	1.335E14	11554981
LP	18803305	940165	2.064E13	1.561E11	395098
IMK	20857050	1042853	2.456E13	1.481E11	384834
DK	44986845	2249342	1.024E14	6.191E10	248817
PDK	22660443	1133022	2.895E13	1.724E11	415263
HKI	58968841	2948442	2.409E14	3.528E12	1878164
SK	43517493	2175875	9.634E13	8.668E10	294417





Lampiran 3. (Lanjutan)

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The SYSLIN Procedure  
Two-Stage Least Squares Estimation

Model  
Dependent Variable IMK  
IMK

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	2.002E12	6.673E11	49.88	<.0001
Error	16	2.141E11	1.338E10		
Corrected Total	19	2.814E12			

Root MSE 115665.114 R-Square 0.90340  
 Dependent Mean 1042852.50 Adj R-Sq 0.88529  
 Coeff Var 11.09122

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
Intercept	1	431993.5	339308.0	1.27	0.2211
DK	1	0.838159	0.167668	5.00	0.0001
TIK	1	-0.62219	0.157915	-3.94	0.0012
PDK	1	-1.04578	0.087143	-12.00	<.0001

Durbin-Watson 2.275296  
 Number of Observations 20  
 First-Order Autocorrelation -0.26718



Lampiran 3. (Lanjutan)

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The SYSLIN Procedure  
Two-Stage Least Squares Estimation

Model DK  
Dependent Variable DK

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	4	1.014E14	2.534E13	433.31	<.0001
Error	16	9.357E11	5.848E10		
Uncorrected Total	20	1.024E14			

Root MSE 241823.902 R-Square 0.99085  
 Dependent Mean 2249342.25 Adj R-Sq 0.98857  
 Coeff Var 10.75087

NOTE: The NOINT option changes the definition of the R-Square statistic to:  
 1 - (Residual Sum of Squares/Uncorrected Total Sum of Squares).

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
HKI	1	-0.36505	0.244701	-1.49	0.1552
JP	1	0.012344	0.000982	12.58	<.0001
PP	1	-0.14399	0.076743	-1.88	0.0790
HA	1	0.139976	0.044539	3.14	0.0063

Durbin-Watson 1.450095  
 Number of Observations 20  
 First-Order Autocorrelation 0.266849





Lampiran 3. (Lanjutan)

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The SYSLIN Procedure  
Two-Stage Least Squares Estimation

Model PDK  
Dependent Variable PDK

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	3.266E12	1.089E12	1662.99	<.0001
Error	16	1.047E10	6.5455E8		
Corrected Total	19	3.276E12			

Root MSE 25584.1636 R-Square 0.99680  
 Dependent Mean 1133022.15 Adj R-Sq 0.99620  
 Coeff Var 2.25805

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
Intercept	1	-22735.0	41794.21	-0.54	0.5940
HKI	1	0.023388	0.005356	4.37	0.0005
LP	1	1.039417	0.038494	27.00	<.0001
PDKL	1	0.094295	0.039776	2.37	0.0307

Durbin-Watson 1.565306  
 Number of Observations 20  
 First-Order Autocorrelation 0.214021



Lampiran 3. (Lanjutan)

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The SYSLIN Procedure  
Two-Stage Least Squares Estimation

Model HKI  
Dependent Variable HKI

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	6.519E13	1.304E13	57.99	<.0001
Error	14	3.148E12	2.248E11		
Corrected Total	19	6.702E13			

Root MSE 474180.509 R-Square 0.95394  
 Dependent Mean 2948442.05 Adj R-Sq 0.93749  
 Coeff Var 16.08241

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
Intercept	1	-3720595	3154634	-1.18	0.2579
HKD	1	4847.846	2653.918	1.83	0.0891
NT	1	182.6644	100.2747	1.82	0.0899
TIK	1	1.487992	1.089194	1.37	0.1934
SK	1	1.116254	1.337103	0.83	0.4178
HKIL	1	0.593711	0.208378	2.85	0.0129

Durbin-Watson 2.079543  
 Number of Observations 20  
 First-Order Autocorrelation -0.05095



## Lampiran 4. Perintah Analisis Data Penelitian (SIMLIN)

**DATA** Kedelai1;

<b>INPUT</b>	<b>TAHUN</b>	<b>IMK</b>	<b>PDK</b>	<b>HKI</b>	<b>DK</b>	<b>PDKL</b>	<b>HKIL;</b>
<b>CARDS;</b>							
1991	672757	1555450	923821	2362070	1487430	855822	
1992	694133	1869710	893839	2611166	1555450	923821	
1993	723864	1708530	990780	2478976	1869710	893839	
1994	800461	1564850	1109290	2408886	1708530	990780	
1995	607393	1680010	1131725	2331152	1564850	1109290	
1996	746329	1517180	1231884	2301668	1680010	1131725	
1997	616375	1356890	1367704	2003985	1517180	1231884	
1998	343124	1305640	2454813	1673985	1356890	1367704	
1999	1301755	1382850	2608220	2719895	1305640	2454813	
2000	1277685	1017630	2268290	2310224	1382850	2608220	
2001	1136419	826932	2663080	1961357	1017630	2268290	
2002	1365253	673056	3110249	2010633	826932	2663080	
2003	1192717	671600	3278278	2003134	673056	3110249	
2004	1117790	723483	3499490	1996821	671600	3278278	
2005	1086178	808353	3893734	2247938	723483	3499490	
2006	1132144	747611	3730961	2179860	808353	3893734	
2007	1814451	592634	4300021	2235000	747611	3730961	
2008	1173097	776491	6211928	2325998	592634	4300021	
2009	1314620	974512	6588062	2395923	776491	6211928	
2010	1740505	907031	6712672	2428174	974512	6588062	

;

**DATA** Kedelai2;

<b>INPUT</b>	<b>TAHUN</b>	<b>JP</b>	<b>HKD</b>	<b>NT</b>	<b>PP</b>	<b>TIK</b>	<b>HA</b>	<b>LP;</b>
<b>CARDS;</b>								
1991	187452000	205	1992	1501270	53784	3562480	1368200	
1992	190512000	204	2062	1667717	55330	3719290	1665000	
1993	193526000	235	2110	1926717	57459	3510000	1470210	
1994	196488000	201	2200	2197326	66988	3905000	1406920	
1995	199400000	247	2308	2571759	34311	3861000	1477430	
1996	202257000	247	2383	2967432	40176	4699000	1273290	
1997	205063000	238	4650	3444791	77959	4696000	1119080	
1998	207839000	181	8025	5167174	115412	7746000	1095070	
1999	210611000	170	7100	5858312	0	11883000	1151080	
2000	213395000	167	9595	6775003	0	11244590	825000	
2001	216203000	196	10400	7917769	0	12114220	678848	
2002	219026000	203	8940	8645086	0	13325000	544522	
2003	221839000	270	8465	9429501	351843	13432746	526796	
2004	224607000	211	9290	10610081	521102	14228435	565155	
2005	227303000	208	9830	12704839	418126	20968984	621541	
2006	229919000	236	9020	14741637	238679	22491677	580534	
2007	232462000	371	9419	17179215	201524	23826488	459116	
2008	234951000	366	10950	21013538	646050	30372758	591899	
2009	237414000	352	9400	23647682	0	38091698	722791	
2010	239871000	430	8991	26786768	0	40770551	660823	

;



Lampiran 4. (Lanjutan)

```

DATA Kedelai;
MERGE Kedelai1 Kedelai2; BY TAHUN;

SK = PDK+IMK;
RUN;
PROC SIMNLIN DATA=Kedelai STAT SIMULATE OUTPREDICT THEIL OUT=B;
ENDOGENOUS IMK DK PDK HKI SK
;
INSTRUMENTS PDKL
HKIL
JP
HKD
NT
PP
TIK
HA
LP
;

PARMS
A0 431993.5
A1 0.838159
A2 -0.62219
A3 -1.04578

B1 -0.36505
B2 0.012344
B3 -0.14399
B4 0.139976

C0 -22735.0
C1 0.023388
C2 1.039417
C3 0.094295

D0 -3720595
D1 4847.846
D2 182.6644
D3 1.487992
D4 1.116254
D5 0.593711
;
IMK = A0 + A1*DK + A2*TIK + A3*PDK;
DK = B1*HKI + B2*JP + B3*PP + B4*HA;
PDK = C0 + C1*HKI + C2*LP + C3*PDKL;
HKI = D0 + D1*HKD + D2*NT + D3*TIK + D4*SK + D5*HKIL;
SK = PDK+IMK;

RUN;

PROC PRINT DATA=B;

RUN;

```



Lampiran 5. Print Out Hasil Simulasi Dasar Harga Kedelai Indonesia

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The SIMNLIN Procedure

Model Summary

Model Variables	5
Endogenous	5
Parameters	18
Equations	5
Number of Statements	5

Model Variables	IMK DK PDK HKI SK
Parameters(Value)	A0(431993.5) A1(0.838159) A2(-0.62219) A3(-1.04578)
B1(-0.36505)	B2(0.012344) B3(-0.14399) B4(0.139976) C0(-22735)
C1(0.023388)	C2(1.039417) C3(0.094295) D0(-3720595) D1(4847.846)
	D2(182.6644) D3(1.487992) D4(1.116254) D5(0.593711)
Equations	IMK DK PDK HKI SK



Lampiran 5. (Lanjutan)

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The SIMNLIN Procedure  
Simultaneous Simulation

Data Set Options

DATA= KEDELAI  
OUT= B

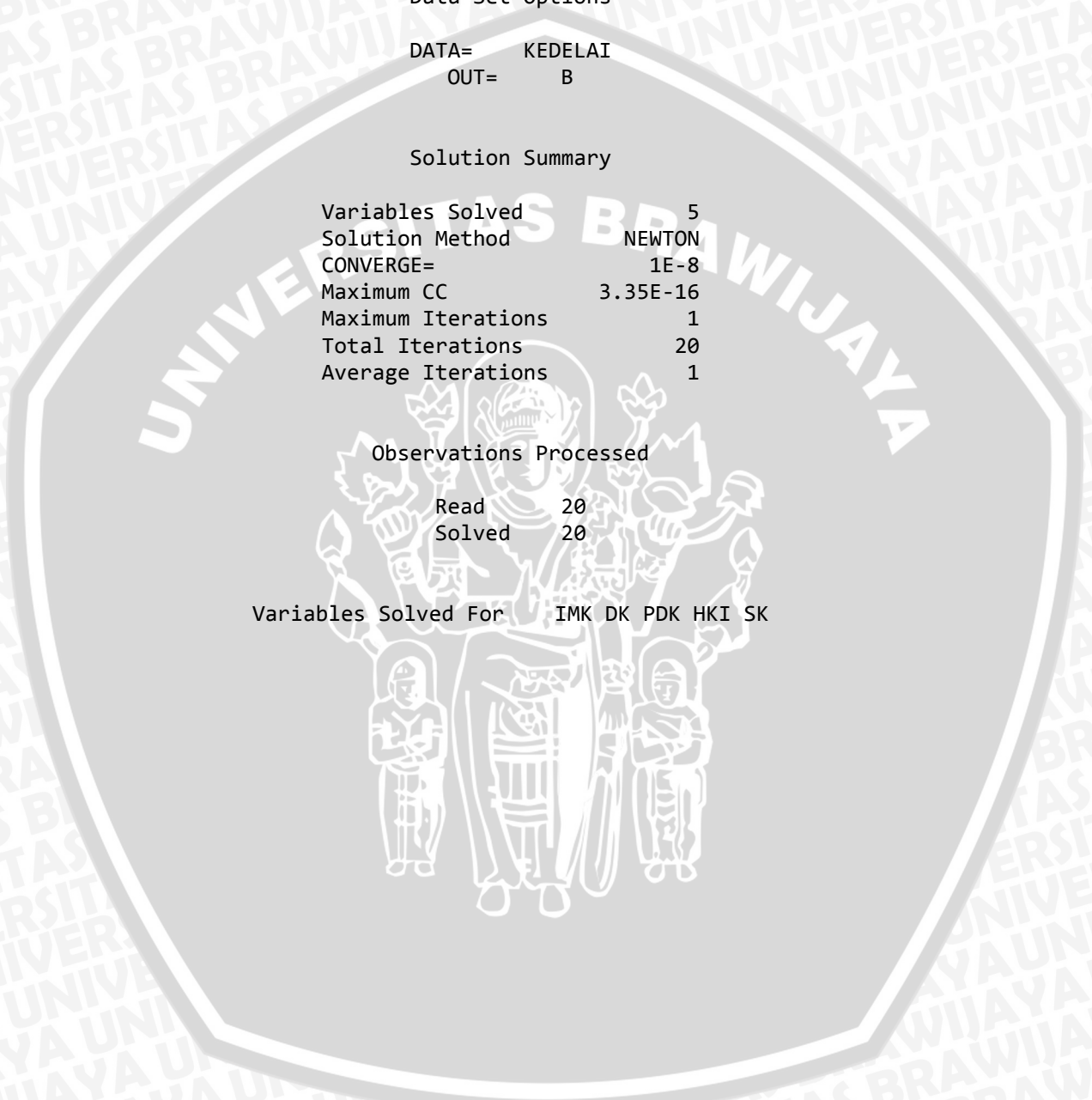
Solution Summary

Variables Solved	5
Solution Method	NEWTON
CONVERGE=	1E-8
Maximum CC	3.35E-16
Maximum Iterations	1
Total Iterations	20
Average Iterations	1

Observations Processed

Read	20
Solved	20

Variables Solved For IMK DK PDK HKI SK





Lampiran 5. (Lanjutan)

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The SIMNLIN Procedure  
Simultaneous Simulation

Descriptive Statistics

Variable	N Obs	N	Mean	Actual Std Dev	Predicted Mean	Predicted Std Dev
IMK	20	20	1042853	384834	1040704	376887
DK	20	20	2249342	248817	2246707	162697
PDK	20	20	1133022	415263	1132964	412370
HKI	20	20	2948442	1878164	2945978	1848595
SK	20	20	2175875	294417	2173668	215397

Statistics of fit

Variable	N	Mean Error	Mean % Error	Mean Abs Error	Mean Abs % Error	RMS Error	RMS % Error	R-Square
IMK	20	-2148.4	4.8335	207095	24.5540	239798	38.1259	0.5913
DK	20	-2634.9	0.6529	156171	7.2374	191241	9.5150	0.3782
PDK	20	-58.1037	0.2031	17301.9	1.7000	22752.7	2.3015	0.9968
HKI	20	-2463.6	-1.2511	239239	9.5168	301526	11.5960	0.9729
SK	20	-2206.5	0.8999	198907	9.4406	232581	11.4504	0.3431

Theil Forecast Error Statistics

Variable	N	MSE	Corr (R)	MSE Decomposition Proportions					Inequality Coef	
				Bias (UM)	Reg (UR)	Dist (UD)	Var (US)	Covar (UC)	U1	U
IMK	20	5.75E10	0.79	0.00	0.09	0.91	0.00	1.00	0.2164	0.1084
DK	20	3.657E10	0.62	0.00	0.00	1.00	0.19	0.81	0.0845	0.0424
PDK	20	5.1769E8	1.00	0.00	0.01	0.99	0.02	0.98	0.0189	0.0095
HKI	20	9.092E10	0.99	0.00	0.00	1.00	0.01	0.99	0.0869	0.0435
SK	20	5.409E10	0.60	0.00	0.03	0.97	0.11	0.89	0.1060	0.0531

Theil Relative Change Forecast Error Statistics

Variable	N	Relative Change MSE	Corr (R)	MSE Decomposition Proportions					Inequality Coef	
				Bias (UM)	Reg (UR)	Dist (UD)	Var (US)	Covar (UC)	U1	U
IMK	19	0.1009	0.88	0.00	0.01	0.98	0.13	0.86	0.4658	0.2548
DK	19	0.00873	0.82	0.00	0.01	0.99	0.06	0.94	0.5668	0.3035
PDK	19	0.000454	0.99	0.00	0.17	0.83	0.22	0.78	0.1369	0.0707
HKI	19	0.0177	0.73	0.01	0.00	0.99	0.16	0.83	0.5786	0.3267
SK	19	0.0142	0.78	0.00	0.04	0.96	0.02	0.98	0.6274	0.3280



## Lampiran 5. (Lanjutan)

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Obs	_TYPE_	_MODE_	_ERRORS_	IMK	DK	PDK	HKI	SK
1	PREDICT	SIMULATE	0	713435.42	2318932.68	1557429.39	760083.94	2270864.81
2	PREDICT	SIMULATE	0	396650.25	2336500.87	1873507.53	809905.57	2270157.78
3	PREDICT	SIMULATE	0	520860.62	2273328.58	1702837.38	902463.06	2223698.00
4	PREDICT	SIMULATE	0	651247.82	2334278.08	1621337.75	880381.05	2272585.57
5	PREDICT	SIMULATE	0	524520.26	2239046.82	1685634.19	1075158.31	2210154.45
6	PREDICT	SIMULATE	0	779202.72	2298917.05	1486595.35	1173017.54	2265798.07
7	PREDICT	SIMULATE	0	803006.54	2145701.97	1318557.50	1498171.61	2121564.04
8	PREDICT	SIMULATE	0	839839.57	2181623.03	1289843.67	1983767.42	2129683.24
9	PREDICT	SIMULATE	0	1087235.78	2475318.03	1357329.27	2586661.06	2444565.05
10	PREDICT	SIMULATE	0	1185237.45	2186570.70	1032196.03	2865408.10	2217433.48
11	PREDICT	SIMULATE	0	1351700.07	2154569.28	847372.36	2930724.69	2199072.43
12	PREDICT	SIMULATE	0	1574682.64	2226201.14	691561.68	3007341.66	2266244.33
13	PREDICT	SIMULATE	0	1158798.70	1965867.56	671260.87	3547517.49	1830059.57
14	PREDICT	SIMULATE	0	973275.05	1921347.70	712280.66	3602506.40	1685555.71
15	PREDICT	SIMULATE	0	1349279.26	2389307.61	789057.07	4170128.35	2138336.33
16	PREDICT	SIMULATE	0	1448058.12	2331547.12	755071.71	4197287.18	2203129.83
17	PREDICT	SIMULATE	0	1378831.46	2067273.12	631566.29	4557565.06	2010397.75
18	PREDICT	SIMULATE	0	982047.41	2106282.51	777773.42	5532585.86	1759820.83
19	PREDICT	SIMULATE	0	1603462.17	2580094.57	947676.20	6238700.55	2551138.37
20	PREDICT	SIMULATE	0	1492710.89	2401439.04	910392.59	6600193.14	2403103.47

Obs	PDKL	HKIL	JP	HKD	NT	PP	TIK	HA	LP
1	1487430	855822	187452000	205	1992	1501270	53784	3562480	1368200
2	1555450	923821	190512000	204	2062	1667717	55330	3719290	1665000
3	1869710	893839	193526000	235	2110	1926717	57459	3510000	1470210
4	1708530	990780	196488000	201	2200	2197326	66988	3905000	1406920
5	1564850	1109290	199400000	247	2308	2571759	34311	3861000	1477430
6	1680010	1131725	202257000	247	2383	2967432	40176	4699000	1273290
7	1517180	1231884	205063000	238	4650	3444791	77959	4696000	1119080
8	1356890	1367704	207839000	181	8025	5167174	115412	7746000	1095070
9	1305640	2454813	210611000	170	7100	5858312	0	11883000	1151080
10	1382850	2608220	213395000	167	9595	6775003	0	11244590	825000
11	1017630	2268290	216203000	196	10400	7917769	0	12114220	678848
12	826932	2663080	219026000	203	8940	8645086	0	13325000	544522
13	673056	3110249	221839000	270	8465	9429501	351843	13432746	526796
14	671600	3278278	224607000	211	9290	10610081	521102	14228435	565155
15	723483	3499490	227303000	208	9830	12704839	418126	20968984	621541
16	808353	3893734	229919000	236	9020	14741637	238679	22491677	580534
17	747611	3730961	232462000	371	9419	17179215	201524	23826488	459116
18	592634	4300021	234951000	366	10950	21013538	646050	30372758	591899
19	776491	6211928	237414000	352	9400	23647682	0	38091698	722791
20	974512	6588062	239871000	430	8991	26786768	0	40770551	660823

Lampiran 6. Print Out Hasil Simulasi Kebijakan Tanpa Tarif Impor Kedelai

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The SIMNLIN Procedure

Model Summary

Model Variables	5
Endogenous	5
Parameters	18
Equations	5
Number of Statements	5

Model Variables	IMK DK PDK HKI SK
Parameters(Value)	A0(431993.5) A1(0.838159) A2(-0.62219) A3(-1.04578)
B1(-0.36505)	B2(0.012344) B3(-0.14399) B4(0.139976) C0(-22735)
C1(0.023388)	C2(1.039417) C3(0.094295) D0(-3720595) D1(4847.846)
	D2(182.6644) D3(1.487992) D4(1.116254) D5(0.593711)
Equations	IMK DK PDK HKI SK





Lampiran 6. (Lanjutan)

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The SIMNLIN Procedure  
Simultaneous Simulation

Data Set Options

DATA= KEDELAI  
OUT= B

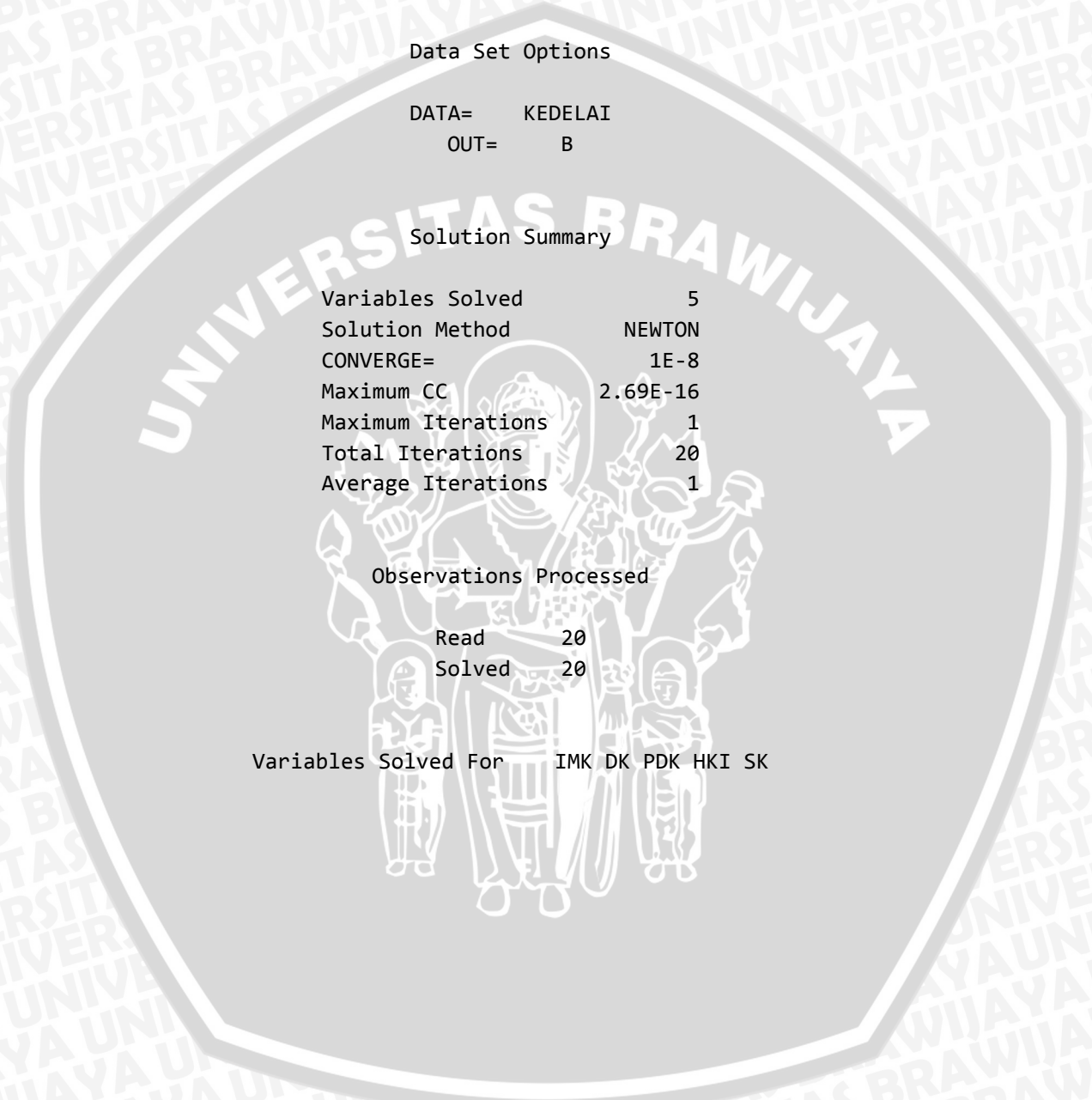
Solution Summary

Variables Solved	5
Solution Method	NEWTON
CONVERGE=	1E-8
Maximum CC	2.69E-16
Maximum Iterations	1
Total Iterations	20
Average Iterations	1

Observations Processed

Read	20
Solved	20

Variables Solved For IMK DK PDK HKI SK



## Lampiran 6. (Lanjutan)

The SAS System

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The SIMNLIN Procedure  
Simultaneous Simulation

## Descriptive Statistics

Variable	N Obs	Actual		Predicted		
		N	Mean	Std Dev	Mean	Std Dev
IMK	20	20	1042853	384834	1158366	417262
DK	20	20	2249342	248817	2277758	145263
PDK	20	20	1133022	415263	1130975	413702
HKI	20	20	2948442	1878164	2860921	1809478
SK	20	20	2175875	294417	2289341	118159

## Statistics of fit

Variable	Mean N	Mean % Error	Mean Abs Error	Mean Abs Error	RMS % Error	RMS Error	RMS % Error	R-Square
IMK	20	115513	16.7463	253834	29.9067	297544	46.0662	0.3707
DK	20	28415.4	2.0929	151610	7.0711	192370	9.7023	0.3708
PDK	20	-2047.4	-0.0447	18263.8	1.8226	23155.9	2.3380	0.9967
HKI	20	-87521.2	-4.1582	237874	9.8689	340662	12.6907	0.9654
SK	20	113466	6.8244	243206	11.9781	289002	15.0262	-0.0143

## Theil Forecast Error Statistics

## MSE Decomposition Proportions

Variable	Corr N	Bias MSE	Reg (R)	Dist (UM)	Var (UR)	Covar (UD)	Inequality Coef (US)	(UC)	U1	U
IMK	20	8.853E10	0.76	0.15	0.17	0.68	0.01	0.84	0.2685	0.1274
DK	20	3.701E10	0.62	0.02	0.00	0.98	0.28	0.70	0.0850	0.0423
PDK	20	5.3619E8	1.00	0.01	0.00	0.99	0.00	0.99	0.0192	0.0096
HKI	20	1.161E11	0.98	0.07	0.01	0.92	0.04	0.90	0.0982	0.0499
SK	20	8.352E10	0.38	0.15	0.00	0.85	0.35	0.49	0.1317	0.0644

## Theil Relative Change Forecast Error Statistics

Variable	Relative Change Corr N	Bias MSE	Reg (R)	Dist (UM)	Var (UR)	Covar (UD)	Inequality Coef (US)	(UC)	U1	U
IMK	19	0.1320	0.85	0.06	0.01	0.93	0.14	0.79	0.5326	0.2879
DK	19	0.00899	0.82	0.03	0.01	0.96	0.05	0.92	0.5752	0.3054
PDK	19	0.000495	0.99	0.01	0.24	0.74	0.30	0.69	0.1430	0.0743
HKI	19	0.0223	0.69	0.11	0.00	0.89	0.15	0.74	0.6488	0.3878
SK	19	0.0225	0.70	0.15	0.05	0.80	0.02	0.82	0.7897	0.3994

## Lampiran 6. (Lanjutan)

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Obs	_TYPE_	_MODE_	_ERRORS_	IMK	DK	PDK	HKI	SK
1	PREDICT	SIMULATE	0	757401.25	2330535.02	1556686.06	728301.07	2314087.31
2	PREDICT	SIMULATE	0	441879.87	2348436.71	1872742.83	777209.11	2314622.70
3	PREDICT	SIMULATE	0	567830.60	2285723.69	1702043.25	868508.50	2269873.85
4	PREDICT	SIMULATE	0	706007.29	2348728.79	1620411.93	840795.47	2326419.22
5	PREDICT	SIMULATE	0	552567.85	2246448.42	1685159.99	1054882.72	2237727.84
6	PREDICT	SIMULATE	0	812044.67	2307583.85	1486040.08	1149276.11	2298084.76
7	PREDICT	SIMULATE	0	866734.28	2162519.36	1317480.05	1452102.87	2184214.33
8	PREDICT	SIMULATE	0	934183.34	2206519.82	1288248.58	1915566.37	2222431.93
9	PREDICT	SIMULATE	0	1087235.78	2475318.03	1357329.27	2586661.06	2444565.05
10	PREDICT	SIMULATE	0	1185237.45	2186570.70	1032196.03	2865408.10	2217433.48
11	PREDICT	SIMULATE	0	1351700.07	2154569.28	847372.36	2930724.69	2199072.43
12	PREDICT	SIMULATE	0	1574682.64	2226201.14	691561.68	3007341.66	2266244.33
13	PREDICT	SIMULATE	0	1446413.46	2041767.48	666398.12	3339600.99	2112811.58
14	PREDICT	SIMULATE	0	1399250.92	2033760.34	705078.61	3294568.75	2104329.53
15	PREDICT	SIMULATE	0	1691077.19	2479506.17	783278.24	3923042.88	2474355.43
16	PREDICT	SIMULATE	0	1643166.75	2383035.19	751772.97	4056243.30	2394939.72
17	PREDICT	SIMULATE	0	1543567.66	2110746.07	628781.06	4438477.39	2172348.72
18	PREDICT	SIMULATE	0	1510162.27	2245649.06	768844.50	5150812.01	2279006.77
19	PREDICT	SIMULATE	0	1603462.17	2580094.57	947676.20	6238700.55	2551138.37
20	PREDICT	SIMULATE	0	1492710.89	2401439.04	910392.59	6600193.14	2403103.47

Obs	PDKL	HKIL	JP	HKD	NT	PP	TIK	HA	LP
1	1487430	855822	187452000	205	1992	1501270	53784	3562480	1368200
2	1555450	923821	190512000	204	2062	1667717	55330	3719290	1665000
3	1869710	893839	193526000	235	2110	1926717	57459	3510000	1470210
4	1708530	990780	196488000	201	2200	2197326	66988	3905000	1406920
5	1564850	1109290	199400000	247	2308	2571759	34311	3861000	1477430
6	1680010	1131725	202257000	247	2383	2967432	40176	4699000	1273290
7	1517180	1231884	205063000	238	4650	3444791	77959	4696000	1119080
8	1356890	1367704	207839000	181	8025	5167174	115412	7746000	1095070
9	1305640	2454813	210611000	170	7100	5858312	0	11883000	1151080
10	1382850	2608220	213395000	167	9595	6775003	0	11244590	825000
11	1017630	2268290	216203000	196	10400	7917769	0	12114220	678848
12	826932	2663080	219026000	203	8940	8645086	0	13325000	544522
13	673056	3110249	221839000	270	8465	9429501	351843	13432746	526796
14	671600	3278278	224607000	211	9290	10610081	521102	14228435	565155
15	723483	3499490	227303000	208	9830	12704839	418126	20968984	621541
16	808353	3893734	229919000	236	9020	14741637	238679	22491677	580534
17	747611	3730961	232462000	371	9419	17179215	201524	23826488	459116
18	592634	4300021	234951000	366	10950	21013538	646050	30372758	591899
19	776491	6211928	237414000	352	9400	23647682	0	38091698	722791
20	974512	6588062	239871000	430	8991	26786768	0	40770551	660823



Lampiran 7. Print Out Hasil Simulasi Menurunkan Harga Kedelai Dunia 6%

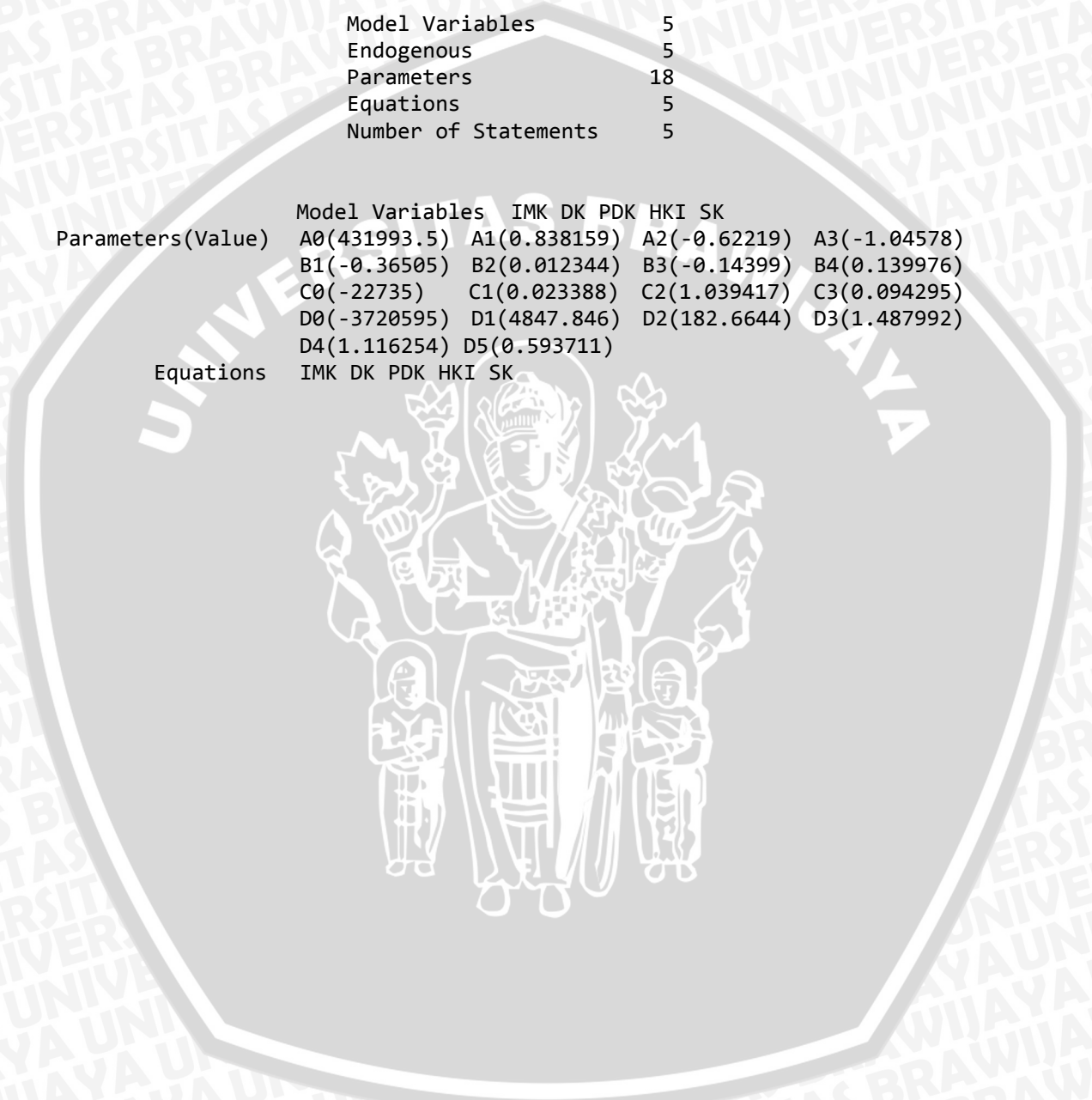
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The SIMNLIN Procedure

Model Summary

Model Variables	5
Endogenous	5
Parameters	18
Equations	5
Number of Statements	5

	Model Variables	IMK	DK	PDK	HKI	SK
Parameters(Value)	A0(431993.5)	A1(0.838159)	A2(-0.62219)	A3(-1.04578)		
	B1(-0.36505)	B2(0.012344)	B3(-0.14399)	B4(0.139976)		
	C0(-22735)	C1(0.023388)	C2(1.039417)	C3(0.094295)		
	D0(-3720595)	D1(4847.846)	D2(182.6644)	D3(1.487992)		
	D4(1.116254)	D5(0.593711)				
Equations	IMK	DK	PDK	HKI	SK	



Lampiran 7. (Lanjutan)

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The SIMNLIN Procedure  
 Simultaneous Simulation

Data Set Options

DATA= KEDELAI  
 OUT= B

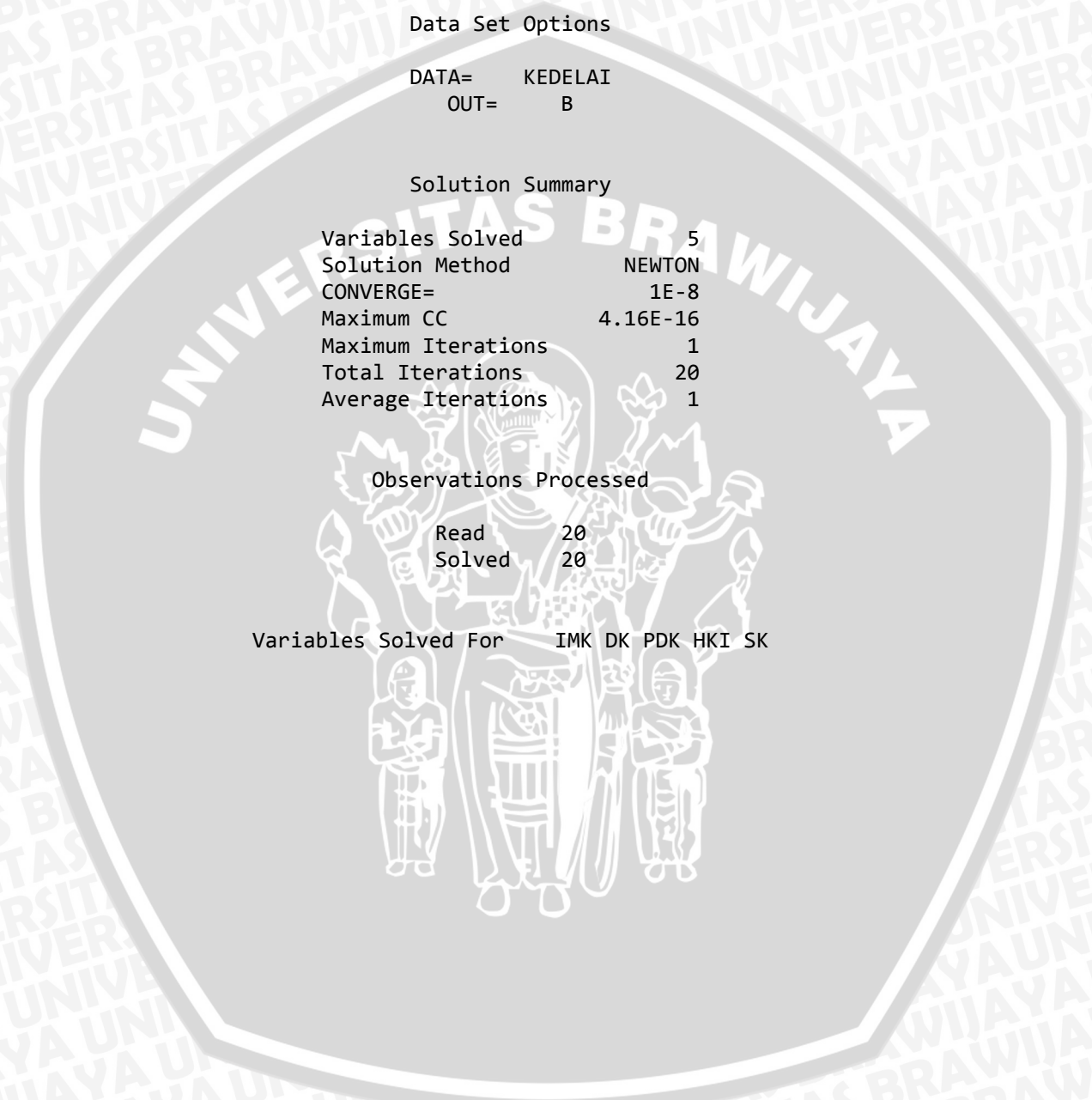
Solution Summary

Variables Solved	5
Solution Method	NEWTON
CONVERGE=	1E-8
Maximum CC	4.16E-16
Maximum Iterations	1
Total Iterations	20
Average Iterations	1

Observations Processed

Read	20
Solved	20

Variables Solved For IMK DK PDK HKI SK



Lampiran 7. (Lanjutan)

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The SIMNLIN Procedure  
Simultaneous Simulation

Descriptive Statistics

Variable	N Obs	N	Actual		Predicted	
			Mean	Std Dev	Mean	Std Dev
IMK	20	20	1042853	384834	1058377	378837
DK	20	20	2249342	248817	2266232	163056
PDK	20	20	1133022	415263	1131713	412505
HKI	20	20	2948442	1878164	2892494	1837141
SK	20	20	2175875	294417	2190090	215179

Statistics of fit

Variable	N	Mean Error	Mean % Error	Mean Abs Error	Mean Abs % Error	RMS Error	RMS % Error	R-Square
DK	20	16889.8	1.5258	151815	7.0806	191150	9.6267	0.3787
PDK	20	-1309.0	0.0725	17178.2	1.6806	22777.7	2.2672	0.9968
HKI	20	-55948.5	-3.7799	251630	10.6010	311366	12.8213	0.9711
SK	20	14215.5	1.6612	196227	9.3579	231478	11.5235	0.3493

Theil Forecast Error Statistics

Variable	N	MSE	MSE Decomposition Proportions					Inequality U1	Coef U	
			Corr (R)	Bias (UM)	Reg (UR)	Dist (UD)	Var (US)			
IMK	20	5.697E10	0.80	0.00	0.09	0.91	0.00	1.00	0.2154	0.1071
DK	20	3.654E10	0.62	0.01	0.00	0.99	0.19	0.80	0.0845	0.0422
PDK	20	5.1882E8	1.00	0.00	0.01	0.99	0.01	0.98	0.0189	0.0095
HKI	20	9.695E10	0.99	0.03	0.00	0.97	0.02	0.95	0.0897	0.0453
SK	20	5.358E10	0.61	0.00	0.02	0.97	0.11	0.88	0.1055	0.0527

Theil Relative Change Forecast Error Statistics

Variable	N	MSE	MSE Decomposition Proportions					Inequality U1	Coef U	
			Relative Change (R)	Bias (UM)	Reg (UR)	Dist (UD)	Var (US)			
IMK	19	0.0991	0.88	0.00	0.01	0.99	0.13	0.87	0.4615	0.2508
DK	19	0.00877	0.83	0.01	0.01	0.98	0.05	0.93	0.5683	0.3030
PDK	19	0.000452	0.99	0.00	0.19	0.81	0.24	0.76	0.1367	0.0707
HKI	19	0.0211	0.70	0.09	0.01	0.91	0.10	0.81	0.6319	0.3651
SK	19	0.0142	0.79	0.00	0.04	0.95	0.02	0.98	0.6262	0.3257





## Lampiran 7. (Lanjutan)

The SAS System

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Obs	_TYPE_	_MODE_	_ERRORS_	IMK	DK	PDK	HKI	SK
1	PREDICT	SIMULATE	0	728109.17	2335143.90	1556390.77	715675.71	2284499.94
2	PREDICT	SIMULATE	0	411252.42	2352633.01	1872473.98	765713.96	2283726.40
3	PREDICT	SIMULATE	0	537681.75	2291912.18	1701646.77	851556.06	2239328.52
4	PREDICT	SIMULATE	0	665635.25	2350172.99	1620319.40	836839.32	2285954.65
5	PREDICT	SIMULATE	0	542200.34	2258579.37	1684382.78	1021651.80	2226583.12
6	PREDICT	SIMULATE	0	796882.81	2318449.60	1485343.94	1119511.03	2282226.74
7	PREDICT	SIMULATE	0	820042.41	2164522.80	1317351.69	1446614.73	2137394.10
8	PREDICT	SIMULATE	0	852795.42	2195936.36	1288926.64	1944558.20	2141722.07
9	PREDICT	SIMULATE	0	1099404.25	2488761.48	1356467.98	2549834.72	2455872.23
10	PREDICT	SIMULATE	0	1197191.19	2199776.92	1031349.94	2829231.63	2228541.12
11	PREDICT	SIMULATE	0	1365729.61	2170068.80	846379.34	2888266.09	2212108.95
12	PREDICT	SIMULATE	0	1589213.24	2242254.21	690533.20	2963366.67	2279746.43
13	PREDICT	SIMULATE	0	1178125.10	1987218.93	669892.93	3489028.60	1848018.04
14	PREDICT	SIMULATE	0	988378.28	1938033.40	711211.64	3556798.41	1699589.92
15	PREDICT	SIMULATE	0	1364167.75	2405756.08	788003.25	4125070.24	2152171.00
16	PREDICT	SIMULATE	0	1464950.83	2350209.80	753876.03	4146163.56	2218826.86
17	PREDICT	SIMULATE	0	1405387.37	2096611.48	629686.64	4477196.99	2035074.01
18	PREDICT	SIMULATE	0	1008245.42	2135225.48	775919.11	5453300.91	1784164.53
19	PREDICT	SIMULATE	0	1628658.08	2607930.43	945892.81	6162448.36	2574550.89
20	PREDICT	SIMULATE	0	1523489.98	2435443.07	908214.02	6507044.16	2431703.99

Obs	PDKL	HKIL	JP	HKD	NT	PP	TIK	HA	LP
1	1487430	855822	187452000	205	1992	1501270	53784	3562480	1368200
2	1555450	923821	190512000	204	2062	1667717	55330	3719290	1665000
3	1869710	893839	193526000	235	2110	1926717	57459	3510000	1470210
4	1708530	990780	196488000	201	2200	2197326	66988	3905000	1406920
5	1564850	1109290	199400000	247	2308	2571759	34311	3861000	1477430
6	1680010	1131725	202257000	247	2383	2967432	40176	4699000	1273290
7	1517180	1231884	205063000	238	4650	3444791	77959	4696000	1119080
8	1356890	1367704	207839000	181	8025	5167174	115412	7746000	1095070
9	1305640	2454813	210611000	170	7100	5858312	0	11883000	1151080
10	1382850	2608220	213395000	167	9595	6775003	0	11244590	825000
11	1017630	2268290	216203000	196	10400	7917769	0	12114220	678848
12	826932	2663080	219026000	203	8940	8645086	0	13325000	544522
13	673056	3110249	221839000	270	8465	9429501	351843	13432746	526796
14	671600	3278278	224607000	211	9290	10610081	521102	14228435	565155
15	723483	3499490	227303000	208	9830	12704839	418126	20968984	621541
16	808353	3893734	229919000	236	9020	14741637	238679	22491677	580534
17	747611	3730961	232462000	371	9419	17179215	201524	23826488	459116
18	592634	4300021	234951000	366	10950	21013538	646050	30372758	591899
19	776491	6211928	237414000	352	9400	23647682	0	38091698	722791
20	974512	6588062	239871000	430	8991	26786768	0	40770551	660823

Lampiran 8. Print Out Hasil Simulasi Menaikkan Harga Kedelai Dunia 6%

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The SIMNLIN Procedure

Model Summary

Model Variables	5
Endogenous	5
Parameters	18
Equations	5
Number of Statements	5

Model Variables IMK DK PDK HKI SK  
 Parameters(Value) A0(431993.5) A1(0.838159) A2(-0.62219) A3(-1.04578)  
 B1(-0.36505)  
 B2(0.012344) B3(-0.14399) B4(0.139976) C0(-22735) C1(0.023388)  
 C2(1.039417) C3(0.094295) D0(-3720595) D1(4847.846)  
 D2(182.6644) D3(1.487992) D4(1.116254) D5(0.593711)  
 Equations IMK DK PDK HKI SK



Lampiran 8. (Lanjutan)

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The SIMNLIN Procedure  
Simultaneous Simulation

Data Set Options

DATA= KEDELAI  
OUT= B

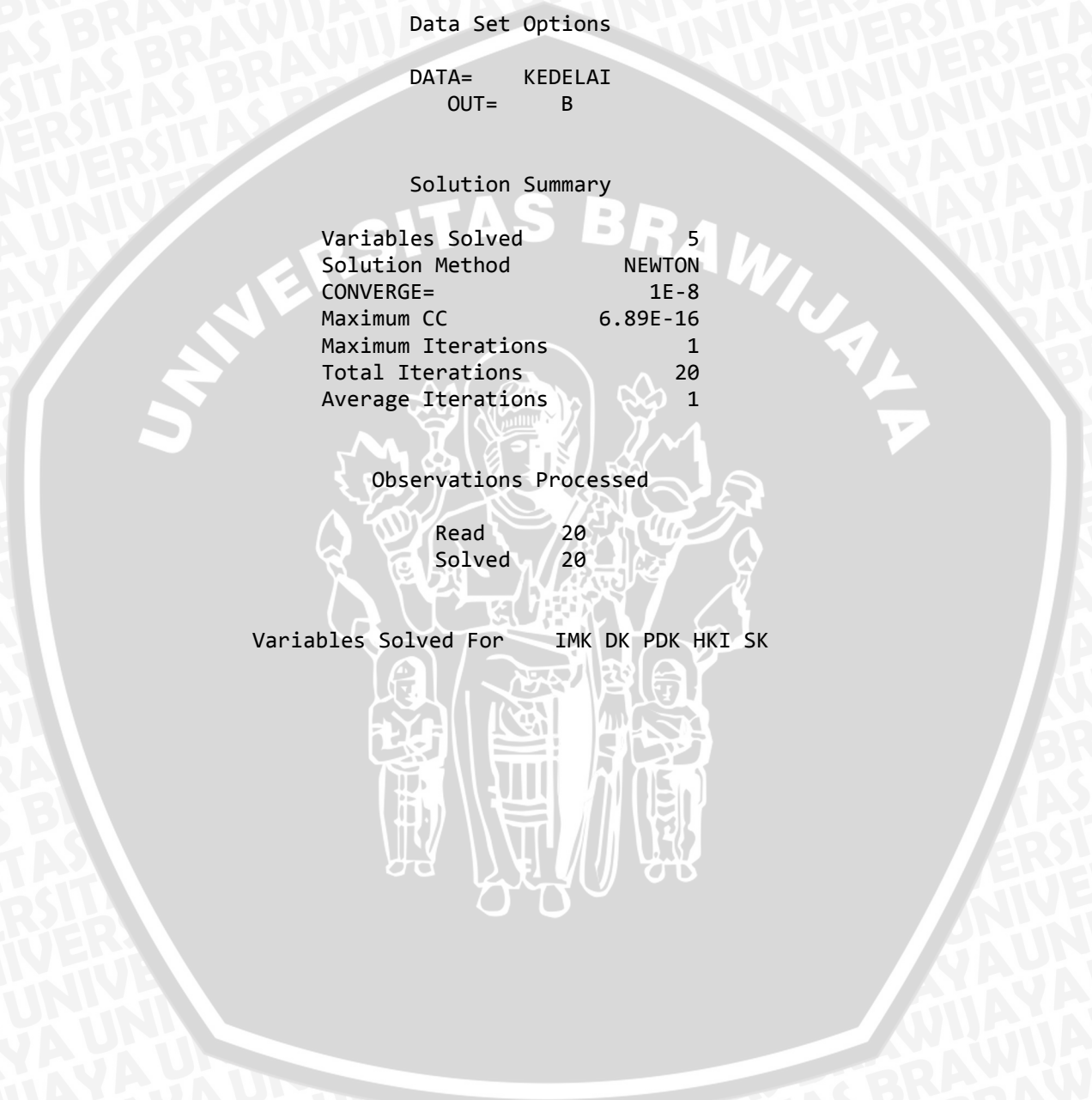
Solution Summary

Variables Solved	5
Solution Method	NEWTON
CONVERGE=	1E-8
Maximum CC	6.89E-16
Maximum Iterations	1
Total Iterations	20
Average Iterations	1

Observations Processed

Read	20
Solved	20

Variables Solved For IMK DK PDK HKI SK





Lampiran 8. (Lanjutan)

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The SIMMLIN Procedure  
Simultaneous Simulation

Descriptive Statistics

Variable	N Obs	N	Actual		Predicted	
			Mean	Std Dev	Mean	Std Dev
IMK	20	20	1042853	384834	1023031	375002
DK	20	20	2249342	248817	2227183	162550
PDK	20	20	1133022	415263	1134215	412236
HKI	20	20	2948442	1878164	2999463	1860118
SK	20	20	2175875	294417	2157246	215727

Statistics of fit

Variable	N	Mean Error	Mean % Error	Mean Abs Error	Mean Abs % Error	RMS Error	RMS % Error	R-Square
IMK	20	-19821.3	2.9530	209980	24.6177	242313	37.5966	0.5827
DK	20	-22159.5	-0.2199	162933	7.4970	193482	9.4888	0.3635
PDK	20	1192.8	0.3337	17585.7	1.7421	22802.4	2.3449	0.9968
HKI	20	51021.2	1.2777	228374	8.4911	301827	11.0382	0.9728
SK	20	-18628.5	0.1387	203002	9.5859	234928	11.4315	0.3298

Theil Forecast Error Statistics

Variable	N	MSE	MSE Decomposition Proportions					Inequality U1	Coef U	
			Corr (R)	Bias (UM)	Reg (UR)	Dist (UD)	Var (US)			
IMK	20	5.872E10	0.79	0.01	0.08	0.91	0.00	0.99	0.2186	0.1104
DK	20	3.744E10	0.61	0.01	0.00	0.98	0.19	0.80	0.0855	0.0430
PDK	20	5.1995E8	1.00	0.00	0.01	0.99	0.02	0.98	0.0190	0.0095
HKI	20	9.11E10	0.99	0.03	0.00	0.97	0.00	0.97	0.0870	0.0433
SK	20	5.519E10	0.59	0.01	0.03	0.97	0.11	0.89	0.1070	0.0539

Theil Relative Change Forecast Error Statistics

Variable	N	MSE	MSE Decomposition Proportions					Inequality U1	Coef U	
			Corr (R)	Bias (UM)	Reg (UR)	Dist (UD)	Var (US)			
IMK	19	0.1036	0.88	0.01	0.01	0.97	0.14	0.85	0.4719	0.2598
DK	19	0.00885	0.82	0.01	0.01	0.99	0.06	0.94	0.5708	0.3064
PDK	19	0.000460	0.99	0.00	0.16	0.84	0.21	0.79	0.1378	0.0711
HKI	19	0.0162	0.76	0.01	0.01	0.99	0.21	0.79	0.5527	0.3019
SK	19	0.0144	0.78	0.00	0.04	0.96	0.02	0.98	0.6316	0.3315



## Lampiran 8. (Lanjutan)

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Obs	_TYPE_	_MODE_	_ERRORS_	IMK	DK	PDK	HKI	SK
1	PREDICT	SIMULATE	0	698761.66	2302721.45	1558468.01	804492.17	2257229.68
2	PREDICT	SIMULATE	0	382048.07	2320368.72	1874541.09	854097.18	2256589.16
3	PREDICT	SIMULATE	0	504039.49	2254744.98	1704027.99	953370.06	2208067.48
4	PREDICT	SIMULATE	0	636860.38	2318383.17	1622356.11	923922.79	2259216.49
5	PREDICT	SIMULATE	0	506840.17	2219514.27	1686885.60	1128664.81	2193725.77
6	PREDICT	SIMULATE	0	761522.64	2279384.50	1487846.76	1226524.04	2249369.40
7	PREDICT	SIMULATE	0	785970.67	2126881.13	1319763.31	1549728.48	2105733.99
8	PREDICT	SIMULATE	0	826883.72	2167309.71	1290760.69	2022976.64	2117644.42
9	PREDICT	SIMULATE	0	1075067.30	2461874.57	1358190.57	2623487.40	2433257.87
10	PREDICT	SIMULATE	0	1173283.71	2173364.48	1033042.13	2901584.56	2206325.83
11	PREDICT	SIMULATE	0	1337670.53	2139069.77	848365.38	2973183.30	2186035.91
12	PREDICT	SIMULATE	0	1560152.05	2210148.07	692590.17	3051316.64	2252742.22
13	PREDICT	SIMULATE	0	1139472.29	1944516.19	672628.81	3606006.39	1812101.10
14	PREDICT	SIMULATE	0	958171.82	1904662.00	713349.67	3648214.39	1671521.50
15	PREDICT	SIMULATE	0	1334390.77	2372859.15	790110.89	4215186.46	2124501.66
16	PREDICT	SIMULATE	0	1431165.41	2312884.44	756267.39	4248410.81	2187432.80
17	PREDICT	SIMULATE	0	1352275.55	2037934.75	633445.93	4637933.14	1985721.48
18	PREDICT	SIMULATE	0	955849.39	2077339.55	779627.74	5611870.80	1735477.13
19	PREDICT	SIMULATE	0	1578266.26	2552258.71	949459.59	6314952.73	2527725.85
20	PREDICT	SIMULATE	0	1461931.79	2367435.01	912571.15	6693342.12	2374502.95

Obs	PDKL	HKIL	JP	HKD	NT	PP	TIK	HA	LP
1	1487430	855822	187452000	205	1992	1501270	53784	3562480	1368200
2	1555450	923821	190512000	204	2062	1667717	55330	3719290	1665000
3	1869710	893839	193526000	235	2110	1926717	57459	3510000	1470210
4	1708530	990780	196488000	201	2200	2197326	66988	3905000	1406920
5	1564850	1109290	199400000	247	2308	2571759	34311	3861000	1477430
6	1680010	1131725	202257000	247	2383	2967432	40176	4699000	1273290
7	1517180	1231884	205063000	238	4650	3444791	77959	4696000	1119080
8	1356890	1367704	207839000	181	8025	5167174	115412	7746000	1095070
9	1305640	2454813	210611000	170	7100	5858312	0	11883000	1151080
10	1382850	2608220	213395000	167	9595	6775003	0	11244590	825000
11	1017630	2268290	216203000	196	10400	7917769	0	12114220	678848
12	826932	2663080	219026000	203	8940	8645086	0	13325000	544522
13	673056	3110249	221839000	270	8465	9429501	351843	13432746	526796
14	671600	3278278	224607000	211	9290	10610081	521102	14228435	565155
15	723483	3499490	227303000	208	9830	12704839	418126	20968984	621541
16	808353	3893734	229919000	236	9020	14741637	238679	22491677	580534
17	747611	3730961	232462000	371	9419	17179215	201524	23826488	459116
18	592634	4300021	234951000	366	10950	21013538	646050	30372758	591899
19	776491	6211928	237414000	352	9400	23647682	0	38091698	722791
20	974512	6588062	239871000	430	8991	26786768	0	40770551	660823