

## Lampiran 1

### Data Output dan Input 2013

Nama Bank	Output		Input		
	Kredit	Pendapatan	Aset	Simpanan	Biaya Operasional
Bank Mandiri	467170449	71395852	733099762	521439569	47844141
BRI	434316466	67809543	626182926	507972602	41683466
BCA	306679132	42224234	496304573	413036948	24499160
BNI	250637843	35891612	386654815	285557395	24672809
Bank CIMB Niaga	149691501	21313966	218866409	164543692	15447996
Bank OCBC NISP	63759436	7065736	97524537	70143853	5523044
Panin Bank	104829874	14221548	164055578	125132390	11243496
Bank Permata	118386843	13605709	165833922	134723113	11304206
Maybank	95649670	13864260	140546751	108295066	10895607
BTN	92386308	11546860	131169730	96482879	9410951
BSM	50192882	6631270	63965361	9143535	5733705
BMI	41612269	4775526	53723978	6425054	4482139
BRI Syariah	14027798	1875620	17400914	4048434	1695880
BNI Syariah	10556314	1488453	14708504	3474799	1296737
BSMI	70180211	1673842	9121575	1290067	1487275
BJB Syariah	3587273	560865	4697260	347903	487058
Bank Bukopin Syariah	3263624	401503	4343069	780545	370555
Bank Panin Syariah	2605918	284075	4052700	370914	255000
BCA Syariah	1347848	170298	2041418	250455	153737
Bank Victoria Syariah	859377	112047	1323398	106616	107634

## Lampiran 2

### Data Output dan Input 2014

Nama Bank	Output		Input		
	Kredit	Pendapatan	Aset	Simpanan	Biaya Operasional
Bank Mandiri	523101817	87259822	855039673	600980756	61281716
BRI	495097288	84421353	801955021	630977238	56062022
BCA	339306154	52799750	552423892	451956848	32294977
BNI	277622281	44080298	416573708	302666680	30734007
Bank CIMB Niaga	169380619	23378365	233162423	176789790	20420115
Bank OCBC NISP	68136356	8560619	103123179	76054593	6967335
Panin Bank	113936968	17369669	172581667	130858149	14012189
Bank Permata	131388463	17601190	185349861	150188510	15554969
Maybank	98030670	15325925	143318466	104813283	14361413
BTN	106271277	13702148	144575961	107649946	12155936
BSM	48315328	6549114	66942422	6929229	5001429
BMI	41054663	5528377	62413310	6121894	5361316
BRI Syariah	15007705	2140056	20343249	4887435	2130169
BNI Syariah	14606450	2126495	19492112	2630753	1904172
BSMI	5300282	1380376	7042486	918362	1357211
BJB Syariah	4351826	688209	6093487	370531	707891
Bank Bukopin Syariah	3687630	502834	5161300	677614	486373
Bank Panin Syariah	4813845	559788	6207678	833855	462278
BCA Syariah	1967159	245454	2994449	298008	227835
Bank Victoria Syariah	1075636	153012	1439983	65256	178260

### Lampiran 3

### Data Output dan Input 2015

Nama Bank	Output		Input		
	Kredit	Pendapatan	Aset	Simpanan	Biaya Operasional
Bank Mandiri	586675437	99771197	910063409	634968568	73432225
BRI	564480538	99289521	878426312	680160452	67330171
BCA	378616292	59093244	594372770	478173935	36436130
BNI	326105149	49078258	508595288	358184938	37666176
Bank CIMB Niaga	170732978	24650477	238849252	184187487	23958814
Bank OCBC NISP	84827363	10075778	120480402	88758790	8074737
Panin Bank	120403114	17883887	183120540	133811045	15556109
Bank Permata	125867973	18339832	182689351	147782492	18046297
Maybank	104201707	14944159	157619013	118384893	13386146
BTN	127732158	16072735	171807592	129427868	13546328
BSM	50283657	6898875	70369708	8102372	6528959
BMI	40499929	5285629	57140616	5702943	5118496
BRI Syariah	16614007	2555212	24230247	5545612	2396233
BNI Syariah	17515565	2548057	23017667	2833735	2260458
BSMI	4099425	1420692	5559819	603537	1413931
BJB Syariah	4852371	876665	6439966	406265	859752
Bank Bukopin Syariah	4307060	566081	5827153	687766	521375
Bank Panin Syariah	5716720	734236	7134234	79166	656309
BCA Syariah	2798935	367213	4349580	352308	335400
Bank Victoria Syariah	1072921	145597	1379265	95651	178121

## Lampiran 4

### Data Output dan Input 2016

Nama Bank	Output		Input		
	Kredit	Pendapatan	Aset	Simpanan	Biaya Operasional
Bank Mandiri	649322953	106434692	1038706009	711399426	87821965
BRI	643470975	114475680	1003644426	756755912	80511485
BCA	403391221	64129998	676738753	535399322	38290798
BNI	393275392	55072683	603031880	425188266	45098613
Bank CIMB Niaga	173587691	24390062	241571728	185128607	21643967
Bank OCBC NISP	93057977	11617866	138196341	106067000	9281539
Panin Bank	128109469	18742287	199175053	144372355	15535124
Bank Permata	94782664	16718574	165527512	132589417	25352608
Maybank	109988691	15650302	166678902	121722559	13068119
BTN	150221960	18401641	214168479	163640455	15069409
BSM	54673019	7327935	78831721	9510850	6884980
BMI	39832137	4144221	55786397	5641431	4058455
BRI Syariah	177555003	2762168	27687188	6279040	2522936
BNI Syariah	20371530	2903293	28314175	4110448	2535632
BSMI	4670113	1163450	6135241	553662	1025676
BJB Syariah	5370120	2015811	7441652	827245	25628432
Bank Bukopin Syariah	4799422	671871	7019598	1112390	623911
Bank Panin Syariah	6346929	716660	8757963	969309	689165
BCA Syariah	3170674	439548	4995606	368658	391093
Bank Victoria Syariah	1209373	123231	1625183	215132	161850

## Lampiran 5

### Data Output dan Input 2017

Nama Bank	Output		Input		
	Kredit	Pendapatan	Aset	Simpanan	Biaya Operasional
Bank Mandiri	712037865	113169820	1124700847	757933489	86000069
BRI	718982344	122960282	1126248442	827477762	86154448
BCA	467508825	71748430	750319671	587352554	42589687
BNI	441313566	66552429	709330084	504430731	49371844
Bank CIMB Niaga	181405722	23823737	266305445	196202131	19722184
Bank OCBC NISP	104011001	12757283	153773957	118104761	9879754
Panin Bank	131954374	18974391	213541797	149302117	16130168
Bank Permata	84300479	14428807	148328370	113985550	13716694
Maybank	113813563	17563317	173253491	125152933	14300822
BTN	181002783	20877513	261365267	182164854	16985610
BSM	59907143	8229926	87939774	11698718	7759720
BMI	41132322	4206812	61696919	6921634	4163320
BRI Syariah	17735646	2965527	31543384	6533329	2826033
BNI Syariah	23535030	3306154	34822442	6018564	2883241
BSMI	4618165	839771	7034299	573567	748728
BJB Syariah	5416554	868859	7713558	595718	1296800
Bank Bukopin Syariah	5358415	616585	7287487	1363920	601767
Bank Panin Syariah	6542900	814747	8629275	672775	1776869
BCA Syariah	3589554	488517	5961174	660195	426620
Bank Victoria Syariah	1257843	157027	2003113	257470	150772

## Lampiran 6

### Hasil Analisis DEA

#### Hasil Input Simpanan 2013

```
SM13-out - Notepad
File Edit Format View Help
Results from DEAP Version 2.1

Instruction file = SM13-ins.txt
Data file      = SM13-dta.txt

Output orientated DEA

Scale assumption: VRS

Slacks calculated using multi-stage method

EFFICIENCY SUMMARY:

firm crste vrste scale
1 0.087 1.000 0.087 dns
2 0.083 0.973 0.085 dns
3 0.072 0.809 0.089 dns
4 0.085 0.911 0.093 dns
5 0.088 0.847 0.104 dns
6 0.088 0.639 0.138 dns
7 0.081 0.725 0.112 dns
8 0.085 0.777 0.110 dns
9 0.086 0.731 0.117 dns
10 0.093 0.762 0.122 dns
11 0.532 1.000 0.532 dns
12 0.628 1.000 0.628 dns
13 0.336 0.560 0.601 dns
14 0.295 0.496 0.594 dns
15 0.805 1.000 0.805 dns
16 1.000 1.000 1.000 -
17 0.406 0.519 0.782 dns
18 0.681 0.698 0.976 dns
19 0.522 0.542 0.962 dns
20 0.782 1.000 0.782 dns
```

#### Hasil Input Simpanan 2014

```
SM14-out - Notepad
File Edit Format View Help
Results from DEAP Version 2.1

Instruction file = SM14-ins.txt
Data file      = SM14-dta.txt

Output orientated DEA

Scale assumption: VRS

Slacks calculated using multi-stage method

EFFICIENCY SUMMARY:

firm crste vrste scale
1 0.062 1.000 0.062 dns
2 0.057 0.967 0.059 dns
3 0.050 0.840 0.059 dns
4 0.062 0.975 0.064 dns
5 0.058 0.920 0.063 dns
6 0.054 0.658 0.083 dns
7 0.057 0.773 0.073 dns
8 0.053 0.807 0.066 dns
9 0.062 0.775 0.081 dns
10 0.060 0.825 0.073 dns
11 0.423 1.000 0.423 dns
12 0.407 0.957 0.425 dns
13 0.187 0.446 0.418 dns
14 0.345 0.773 0.446 dns
15 0.641 1.000 0.641 dns
16 0.792 1.000 0.792 dns
17 0.330 0.575 0.574 dns
18 0.350 0.646 0.543 dns
19 0.400 0.550 0.727 dns
20 1.000 1.000 1.000 -
```

## Hasil Input Simpanan 2015

```
SM15-out - Notepad
File Edit Format View Help
Results from DEAP Version 2.1

Instruction file = SM15-ins.txt
Data file      = SM15-dta.txt

Output orientated DEA

Scale assumption: VRS

Slacks calculated using multi-stage method

EFFICIENCY SUMMARY:

firm crste vrste scale
1 0.017 1.000 0.017 dns
2 0.016 0.995 0.016 dns
3 0.013 0.837 0.016 dns
4 0.015 0.932 0.016 dns
5 0.014 0.850 0.017 dns
6 0.013 0.711 0.019 dns
7 0.014 0.763 0.019 dns
8 0.013 0.741 0.018 dns
9 0.014 0.720 0.019 dns
10 0.014 0.829 0.016 dns
11 0.092 1.000 0.092 dns
12 0.100 1.000 0.100 dns
13 0.050 0.495 0.100 dns
14 0.097 0.833 0.116 dns
15 0.254 1.000 0.254 dns
16 0.233 0.804 0.289 dns
17 0.089 0.459 0.193 dns
18 1.000 1.000 1.000 -
19 0.112 0.382 0.294 dns
20 0.164 0.193 0.852 dns
```

## Hasil Input Simpanan 2016

```
SM16-out - Notepad
File Edit Format View Help
Results from DEAP Version 2.1

Instruction file = SM16-ins.txt
Data file      = SM16-dta.txt

Output orientated DEA

Scale assumption: VRS

Slacks calculated using multi-stage method

EFFICIENCY SUMMARY:

firm crste vrste scale
1 0.107 1.000 0.107 dns
2 0.100 1.000 0.100 dns
3 0.088 0.806 0.109 dns
4 0.108 0.967 0.111 dns
5 0.109 0.853 0.128 dns
6 0.102 0.682 0.150 dns
7 0.103 0.758 0.136 dns
8 0.084 0.669 0.125 dns
9 0.105 0.735 0.143 dns
10 0.107 0.811 0.132 dns
11 0.668 1.000 0.668 dns
12 0.821 1.000 0.821 dns
13 0.330 0.516 0.639 dns
14 0.577 0.773 0.746 dns
15 1.000 1.000 1.000 -
16 1.000 1.000 1.000 -
17 0.502 0.563 0.892 dns
18 0.761 0.841 0.905 dns
19 1.000 1.000 1.000 -
20 0.654 1.000 0.654 dns
```

## Hasil Input Simpanan 2017

```
SM17-out - Notepad
File Edit Format View Help
Results from DEAP Version 2.1

Instruction file = SM17-ins.txt
Data file      = SM17-dta.txt

Output orientated DEA

Scale assumption: VRS

Slacks calculated using multi-stage method

EFFICIENCY SUMMARY:

firm crste vrste scale
1 0.103 1.000 0.103 dns
2 0.102 1.000 0.102 dns
3 0.086 0.830 0.104 dns
4 0.095 0.900 0.105 dns
5 0.096 0.820 0.117 dns
6 0.091 0.680 0.133 dns
7 0.094 0.732 0.129 dns
8 0.087 0.638 0.136 dns
9 0.099 0.726 0.136 dns
10 0.102 0.867 0.118 dns
11 0.540 1.000 0.540 dns
12 0.611 1.000 0.611 dns
13 0.311 0.617 0.504 dns
14 0.415 0.741 0.560 dns
15 1.000 1.000 1.000 -
16 1.000 1.000 1.000 -
17 0.404 0.517 0.781 dns
18 1.000 1.000 1.000 -
19 0.572 0.578 0.989 dns
20 0.503 1.000 0.503 ins
```

## Hasil Input Total Aset 2013

```
AS13-out - Notepad
File Edit Format View Help
Results from DEAP Version 2.1

Instruction file = AS13-ins.txt
Data file      = AS13-dta.txt

Output orientated DEA

Scale assumption: VRS

Slacks calculated using multi-stage method

EFFICIENCY SUMMARY:

firm crste vrste scale
1 0.797 1.000 0.797 dns
2 0.869 1.000 0.869 dns
3 0.768 0.887 0.865 dns
4 0.808 0.926 0.872 dns
5 0.852 0.959 0.888 dns
6 0.811 0.872 0.930 dns
7 0.793 0.884 0.897 dns
8 0.886 0.988 0.896 dns
9 0.849 0.933 0.909 dns
10 0.874 0.961 0.909 dns
11 0.973 1.000 0.973 dns
12 0.961 0.985 0.975 dns
13 1.000 1.000 1.000 -
14 0.893 0.895 0.998 ins
15 1.000 1.000 1.000 -
16 0.957 0.997 0.960 ins
17 0.932 0.979 0.952 ins
18 0.798 0.842 0.947 ins
19 0.819 0.931 0.880 ins
20 0.806 1.000 0.806 ins
```

## Hasil Input Total Aset 2014

```
AS14-out - Notepad
File Edit Format View Help
Results from DEAP Version 2.1
Instruction file = AS14-ins.txt
Data file      = AS14-dta.txt

Output orientated DEA

Scale assumption: VRS
Slacks calculated using multi-stage method

EFFICIENCY SUMMARY:

firm crste vrste scale
1 0.797 1.000 0.797 dns
2 0.805 1.000 0.805 dns
3 0.799 0.958 0.834 dns
4 0.867 1.000 0.867 dns
5 0.941 1.000 0.941 dns
6 0.854 0.898 0.951 dns
7 0.858 0.955 0.898 dns
8 0.918 0.971 0.945 dns
9 0.889 0.999 0.890 dns
10 0.950 1.000 0.950 dns
11 0.934 0.980 0.954 dns
12 0.852 0.892 0.954 dns
13 0.957 0.985 0.971 dns
14 0.972 1.000 0.972 dns
15 1.000 1.000 1.000 -
16 0.929 0.930 0.999 -
17 0.925 0.927 0.998 ins
18 1.000 1.000 1.000 -
19 0.849 0.857 0.990 ins
20 0.969 1.000 0.969 ins
```

## Hasil Input Total Aset 2015

```
AS15-out - Notepad
File Edit Format View Help
Results from DEAP Version 2.1
Instruction file = AS15-ins.txt
Data file      = AS15-dta.txt

Output orientated DEA

Scale assumption: VRS
Slacks calculated using multi-stage method

EFFICIENCY SUMMARY:

firm crste vrste scale
1 0.818 1.000 0.818 dns
2 0.817 1.000 0.817 dns
3 0.804 0.968 0.830 dns
4 0.807 0.965 0.836 dns
5 0.898 1.000 0.898 dns
6 0.879 0.946 0.929 dns
7 0.827 0.927 0.892 dns
8 0.866 0.963 0.899 dns
9 0.830 0.918 0.904 dns
10 0.928 1.000 0.928 dns
11 0.895 0.963 0.929 dns
12 0.885 0.946 0.935 dns
13 0.864 0.910 0.950 dns
14 0.956 1.000 0.956 dns
15 1.000 1.000 1.000 -
16 0.960 0.960 1.000 -
17 0.924 0.925 0.999 ins
18 1.000 1.000 1.000 -
19 0.804 0.807 0.996 ins
20 0.974 1.000 0.974 ins
```

## Hasil Input Total Aset 2016

```
AS16-out - Notepad
File Edit Format View Help
Results from DEAP Version 2.1

Instruction file = AS16-ins.txt
Data file      = AS16-dta.txt

Output orientated DEA

Scale assumption: VRS

Slacks calculated using multi-stage method

EFFICIENCY SUMMARY:

firm  crste  vrste  scale
1  0.821  1.000  0.821  dns
2  0.842  1.000  0.842  dns
3  0.783  0.913  0.858  dns
4  0.857  0.992  0.864  dns
5  0.944  1.000  0.944  dns
6  0.885  0.936  0.945  dns
7  0.845  0.905  0.933  dns
8  0.752  0.867  0.867  dns
9  0.867  0.918  0.945  dns
10 0.921  0.976  0.944  dns
11 0.911  0.962  0.947  dns
12 0.938  0.989  0.949  dns
13 0.842  0.882  0.955  dns
14 0.945  0.990  0.955  dns
15 1.000  1.000  1.000  -
16 1.000  1.000  1.000  -
17 0.898  0.905  0.993  dns
18 0.952  0.969  0.983  dns
19 0.834  0.835  0.998  ins
20 0.978  1.000  0.978  ins
```

## Hasil Input Total Aset 2017

```
AS17-out - Notepad
File Edit Format View Help
Results from DEAP Version 2.1

Instruction file = AS17-ins.txt
Data file      = AS17-dta.txt

Output orientated DEA

Scale assumption: VRS

Slacks calculated using multi-stage method

EFFICIENCY SUMMARY:

firm  crste  vrste  scale
1  0.899  0.992  0.906  dns
2  0.940  1.000  0.940  dns
3  0.875  0.964  0.908  dns
4  0.868  0.960  0.905  dns
5  0.912  1.000  0.912  dns
6  0.892  0.982  0.909  dns
7  0.850  0.924  0.920  dns
8  0.838  0.888  0.943  dns
9  0.924  0.997  0.926  dns
10 0.913  1.000  0.913  dns
11 0.924  1.000  0.924  dns
12 0.879  0.953  0.923  dns
13 0.821  0.862  0.953  dns
14 0.923  0.983  0.939  dns
15 1.000  1.000  1.000  -
16 1.000  1.000  1.000  -
17 0.970  0.979  0.990  ins
18 1.000  1.000  1.000  -
19 0.815  0.832  0.979  ins
20 0.829  1.000  0.829  ins
```

## Hasil Input Biaya Operasional 2013

```
BO13-out - Notepad
File Edit Format View Help
Results from DEAP Version 2.1
Instruction file = BO13-ins.txt
Data file      = BO13-dta.txt

Output orientated DEA
Scale assumption: VRS
Slacks calculated using multi-stage method

EFFICIENCY SUMMARY:

firm  crste  vrste  scale
1  0.866  1.000  0.866  dns
2  0.944  1.000  0.944  dns
3  1.000  1.000  1.000  -
4  0.844  0.845  0.999  dns
5  0.801  0.801  0.999  ins
6  0.922  0.927  0.995  ins
7  0.745  0.746  0.998  ins
8  0.837  0.838  0.998  ins
9  0.738  0.740  0.998  ins
10 0.784  0.786  0.997  ins
11 0.699  0.703  0.995  ins
12 0.742  0.747  0.993  ins
13 0.661  0.675  0.979  ins
14 0.666  0.687  0.969  ins
15 0.653  0.671  0.973  ins
16 0.668  0.731  0.914  ins
17 0.704  0.785  0.896  ins
18 0.816  0.963  0.848  ins
19 0.700  0.938  0.747  ins
20 0.638  1.000  0.638  ins
```

## Hasil Input Biaya Operasional 2014

```
BO14-out - Notepad
File Edit Format View Help
Results from DEAP Version 2.1
Instruction file = BO14-ins.txt
Data file      = BO14-dta.txt

Output orientated DEA
Scale assumption: VRS
Slacks calculated using multi-stage method

EFFICIENCY SUMMARY:

firm  crste  vrste  scale
1  0.871  1.000  0.871  dns
2  0.921  1.000  0.921  dns
3  1.000  1.000  1.000  -
4  0.877  0.877  1.000  -
5  0.789  0.790  1.000  -
6  0.931  0.931  1.000  -
7  0.774  0.774  1.000  -
8  0.804  0.804  1.000  -
9  0.653  0.655  0.997  ins
10 0.832  0.832  1.000  -
11 0.919  0.920  0.999  ins
12 0.729  0.729  0.999  -
13 0.671  0.672  0.998  ins
14 0.730  0.732  0.998  ins
15 0.622  0.658  0.945  ins
16 0.595  0.667  0.892  ins
17 0.722  0.771  0.936  ins
18 0.991  1.000  0.991  ins
19 0.822  1.000  0.822  ins
20 0.574  1.000  0.574  ins
```

## Hasil Input Biaya Operasional 2015

```
BO15-out - Notepad
File Edit Format View Help
Results from DEAP Version 2.1
Instruction file = BO15-ins.txt
Data file      = BO15-dta.txt

Output orientated DEA
Scale assumption: VRS
Slacks calculated using multi-stage method

EFFICIENCY SUMMARY:

firm crste vrste scale
1 0.838 1.000 0.838 dns
2 0.909 1.000 0.909 dns
3 1.000 1.000 1.000 -
4 0.832 0.845 0.985 dns
5 0.683 0.685 0.998 dns
6 1.000 1.000 1.000 -
7 0.743 0.744 0.999 ins
8 0.669 0.669 1.000 -
9 0.746 0.747 0.999 ins
10 0.899 0.903 0.996 dns
11 0.737 0.741 0.995 ins
12 0.756 0.761 0.993 ins
13 0.667 0.686 0.973 ins
14 0.743 0.764 0.973 ins
15 0.620 0.659 0.940 ins
16 0.629 0.699 0.899 ins
17 0.789 0.905 0.872 ins
18 0.832 0.924 0.900 ins
19 0.797 1.000 0.797 ins
20 0.576 1.000 0.576 ins
```

## Hasil Input Biaya Operasional 2016

```
BO16-out - Notepad
File Edit Format View Help
Results from DEAP Version 2.1
Instruction file = BO16-ins.txt
Data file      = BO16-dta.txt

Output orientated DEA
Scale assumption: VRS
Slacks calculated using multi-stage method

EFFICIENCY SUMMARY:

firm crste vrste scale
1 0.724 1.000 0.724 dns
2 0.849 1.000 0.849 dns
3 1.000 1.000 1.000 -
4 0.828 0.890 0.931 dns
5 0.761 0.762 0.999 ins
6 0.952 0.955 0.996 ins
7 0.783 0.784 0.998 ins
8 0.394 0.394 0.999 -
9 0.799 0.801 0.998 ins
10 0.946 0.948 0.998 ins
11 0.754 0.758 0.994 ins
12 0.932 0.941 0.990 ins
13 0.668 0.680 0.983 ins
14 0.763 0.776 0.983 ins
15 0.677 0.739 0.916 ins
16 0.470 0.485 0.968 ins
17 0.730 0.789 0.925 ins
18 0.874 0.937 0.933 ins
19 0.770 0.874 0.880 ins
20 0.709 1.000 0.709 ins
```

## Hasil Input Biaya Operasional 2017

```
B017-out - Notepad
File Edit Format View Help
Results from DEAP Version 2.1
Instruction file = B017-ins.txt
Data file      = B017-dta.txt

Output orientated DEA
Scale assumption: VRS
Slacks calculated using multi-stage method

EFFICIENCY SUMMARY:

firm crste vrste scale
1 0.781 0.992 0.788 drs
2 0.847 1.000 0.847 drs
3 1.000 1.000 1.000 -
4 0.814 0.871 0.935 drs
5 0.838 0.839 0.999 ins
6 0.959 0.962 0.997 ins
7 0.745 0.746 0.999 ins
8 0.624 0.626 0.997 ins
9 0.729 0.731 0.997 ins
10 0.971 0.972 0.999 ins
11 0.703 0.706 0.996 ins
12 0.900 0.907 0.992 ins
13 0.623 0.635 0.981 ins
14 0.744 0.752 0.988 ins
15 0.666 0.720 0.924 ins
16 0.398 0.416 0.957 ins
17 0.811 0.862 0.941 ins
18 0.335 0.342 0.980 ins
19 0.767 0.837 0.916 ins
20 0.760 1.000 0.760 ins
```

## Hasil Input Output 2013

```
2013-out - Notepad
File Edit Format View Help
Results from DEAP Version 2.1
Instruction file = 2013-ins.txt
Data file      = 2013-dta.txt

Output orientated DEA
Scale assumption: VRS
Slacks calculated using multi-stage method

EFFICIENCY SUMMARY:

firm crste vrste scale
1 0.949 1.000 0.949 drs
2 1.000 1.000 1.000 -
3 1.000 1.000 1.000 -
4 0.909 0.915 0.993 drs
5 0.883 0.891 0.992 drs
6 0.793 0.795 0.998 ins
7 0.800 0.800 0.999 drs
8 0.757 0.757 1.000 -
9 0.844 0.881 0.958 drs
10 0.794 0.796 0.998 drs
11 0.974 1.000 0.974 drs
12 0.904 0.972 0.930 drs
13 0.907 0.923 0.982 drs
14 0.931 0.944 0.987 drs
15 1.000 1.000 1.000 -
16 1.000 1.000 1.000 -
17 0.897 0.909 0.987 ins
18 0.944 0.973 0.971 ins
19 0.932 0.997 0.935 ins
20 0.896 1.000 0.896 ins

mean 0.906 0.928 0.977

Note: crste = technical efficiency from CRS DEA
      vrste = technical efficiency from VRS DEA
```

## Hasil Input Output 2014

```
2014-out - Notepad
File Edit Format View Help
Results from DEAP Version 2.1
Instruction file = 2014-ins.txt
Data file      = 2014-dta.txt

Output orientated DEA
Scale assumption: VRS
Slacks calculated using multi-stage method

EFFICIENCY SUMMARY:
firm crste vrste scale
1 0.969 1.000 0.969 drs
2 1.000 1.000 1.000 -
3 1.000 1.000 1.000 -
4 1.000 1.000 1.000 -
5 0.961 1.000 0.961 drs
6 0.936 0.979 0.956 drs
7 0.941 0.955 0.985 drs
8 0.938 0.980 0.956 drs
9 0.916 0.999 0.917 drs
10 0.954 1.000 0.954 drs
11 1.000 1.000 1.000 -
12 0.892 0.957 0.932 drs
13 0.957 0.985 0.971 drs
14 0.978 1.000 0.978 drs
15 1.000 1.000 1.000 -
16 1.000 1.000 1.000 -
17 0.926 0.927 0.999 irs
18 1.000 1.000 1.000 -
19 0.920 1.000 0.920 irs
20 1.000 1.000 1.000 -

mean 0.964 0.989 0.975

Note: crste = technical efficiency from CRS DEA
      vrste = technical efficiency from VRS DEA
```

## Hasil Input Output 2015

```
2015-out - Notepad
File Edit Format View Help
Results from DEAP Version 2.1
Instruction file = 2015-ins.txt
Data file      = 2015-dta.txt

Output orientated DEA
Scale assumption: VRS
Slacks calculated using multi-stage method

EFFICIENCY SUMMARY:
firm crste vrste scale
1 0.969 1.000 0.969 drs
2 1.000 1.000 1.000 -
3 1.000 1.000 1.000 -
4 0.932 0.997 0.935 drs
5 0.913 1.000 0.913 drs
6 1.000 1.000 1.000 -
7 0.905 0.939 0.964 drs
8 0.889 0.965 0.922 drs
9 0.895 0.928 0.965 drs
10 0.995 1.000 0.995 drs
11 0.917 1.000 0.917 drs
12 0.900 1.000 0.900 drs
13 0.909 0.921 0.987 drs
14 0.987 1.000 0.987 drs
15 1.000 1.000 1.000 -
16 0.960 0.961 0.999 irs
17 0.942 0.965 0.976 irs
18 1.000 1.000 1.000 -
19 0.948 1.000 0.948 irs
20 0.974 1.000 0.974 irs

mean 0.952 0.984 0.967

Note: crste = technical efficiency from CRS DEA
      vrste = technical efficiency from VRS DEA
```

## Hasil Input Output 2016

```
2016-out - Notepad
File Edit Format View Help
Results from DEAP Version 2.1
Instruction file = 2016-ins.txt
Data file      = 2016-dta.txt

Output orientated DEA
Scale assumption: VRS
Slacks calculated using multi-stage method

EFFICIENCY SUMMARY:
firm crste vrste scale
1 0.865 1.000 0.865 drs
2 0.992 1.000 0.992 drs
3 1.000 1.000 1.000 -
4 0.833 0.909 0.916 drs
5 0.827 0.879 0.940 drs
6 0.817 0.819 0.998 drs
7 0.836 0.845 0.990 drs
8 0.572 0.854 0.670 drs
9 0.833 0.838 0.994 drs
10 0.814 0.817 0.996 drs
11 0.916 1.000 0.916 drs
12 0.882 0.946 0.933 drs
13 1.000 1.000 1.000 -
14 0.977 1.000 0.977 drs
15 1.000 1.000 1.000 -
16 1.000 1.000 1.000 -
17 0.914 0.921 0.992 irs
18 0.897 0.902 0.994 irs
19 0.982 1.000 0.982 irs
20 0.660 1.000 0.660 irs

mean 0.881 0.937 0.941

Note: crste = technical efficiency from CRS DEA
      vrste = technical efficiency from VRS DEA
```

## Hasil Input Output 2017

```
2017-out - Notepad
File Edit Format View Help
Results from DEAP Version 2.1
Instruction file = 2017-ins.txt
Data file      = 2017-dta.txt

Output orientated DEA
Scale assumption: VRS
Slacks calculated using multi-stage method

EFFICIENCY SUMMARY:
firm crste vrste scale
1 0.891 1.000 0.891 drs
2 0.902 1.000 0.902 drs
3 1.000 1.000 1.000 -
4 0.894 0.974 0.918 drs
5 0.958 0.999 0.960 drs
6 0.989 0.990 0.999 irs
7 0.868 0.907 0.958 drs
8 0.771 0.836 0.922 drs
9 0.905 0.962 0.941 drs
10 1.000 1.000 1.000 -
11 0.974 1.000 0.974 drs
12 1.000 1.000 1.000 -
13 0.763 0.811 0.941 drs
14 0.934 0.985 0.948 drs
15 1.000 1.000 1.000 -
16 0.994 1.000 0.994 irs
17 1.000 1.000 1.000 -
18 1.000 1.000 1.000 -
19 0.901 0.954 0.944 irs
20 0.916 1.000 0.916 irs

mean 0.933 0.971 0.960

Note: crste = technical efficiency from CRS DEA
      vrste = technical efficiency from VRS DEA
```

Output SPSS

1. Uji Normalitas (*Kolmogorov-Smirnov Test*)

**Descriptive Statistics**

	N	Mean	Std. Deviation	Minimum	Maximum
Bank Konvensional Tahun 2013	10	88.10	9.643	75	100
Bank Konvensional Tahun 2014	10	98.90	1.729	95	100
Bank Konvensional Tahun 2015	10	98.00	3.162	92	100
Bank Konvensional Tahun 2016	10	89.10	7.978	81	100
Bank Konvensional Tahun 2017	10	97.50	4.170	88	100
Bank Syariah Tahun 2013	10	96.90	3.695	90	100
Bank Syariah Tahun 2014	10	98.50	2.799	92	100
Bank Syariah Tahun 2015	10	98.40	2.797	92	100
Bank Syariah Tahun 2016	10	96.80	4.237	90	100
Bank Syariah Tahun 2017	10	97.40	5.985	81	100

**One-Sample Kolmogorov-Smirnov Test**

		Bank Konvensiona l Tahun 2013	Bank Konvensiona l Tahun 2014	Bank Konvensiona l Tahun 2015	Bank Konvensiona l Tahun 2016	Bank Konvensiona l Tahun 2017	Bank Syariah Tahun 2013	Bank Syariah Tahun 2014	Bank Syariah Tahun 2015	Bank Syariah Tahun 2016	Bank Syariah Tahun 2017
N		10	10	10	10	10	10	10	10	10	10
Normal Parameters <sup>a</sup>	Mean	88.10	98.90	98.00	89.10	97.50	96.90	98.50	98.40	96.80	97.40
	Std. Deviation	9.643	1.729	3.162	7.978	4.170	3.695	2.799	2.797	4.237	5.985
Most Extreme Differences	Absolute	.200	.338	.336	.214	.340	.215	.404	.416	.375	.368
	Positive	.200	.262	.264	.204	.274	.201	.296	.284	.225	.332
	Negative	-.191	-.338	-.336	-.214	-.340	-.215	-.404	-.416	-.375	-.368
Kolmogorov-Smirnov Z		.631	1.068	1.064	.677	1.077	.680	1.278	1.317	1.186	1.164
Asymp. Sig. (2-tailed)		.821	.204	.208	.749	.197	.744	.076	.062	.120	.133

a. Test distribution is Normal.

## 2. Uji Beda *Independent Sample T-Test*

**Group Statistics**

jenis bank		N	Mean	Std. Deviation	Std. Error Mean
efiseinsi perbankan	bank konvensional	5	94.3200	5.25757	2.35125
	bank syariah	5	97.6000	.80932	.36194

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
efiseinsi perbankan	Equal variances assumed	49.145	.000	-1.379	8	.205	-3.28000	2.37895	-8.76587	2.20587
	Equal variances not assumed			-1.379	4.189	.237	-3.28000	2.37895	-9.76887	3.20887