

LAMPIRAN

Lampiran 1. Tabulasi Data Responden

NAMA	PRODUKSI(kg)	L.LAHA N	BENIH (kg)	PO (kg)	PPK (kg)	HERBISIDA(l)	TK
TASWAN	4166.7	0.120	16.7	833.3	2083.3	16.7	66.7
HANDAYANI	1666.7	0.120	12.5	833.3	1666.7	16.7	66.7
WARTAMA							
N	4615.4	0.130	15.4	384.6	1538.5	23.1	53.8
SIPAH	4000.0	0.150	13.3	666.7	1333.3	20.0	66.7
TASNING	3750.0	0.160	31.3	625.0	1250.0	25.0	87.5
HANI	5111.1	0.180	16.7	555.6	1111.1	27.8	50.0
MUSKAN	4000.0	0.200	15.0	250.0	1000.0	15.0	45.0
KULSUM	5238.1	0.210	28.6	476.2	952.4	42.9	42.9
MARYONO	4285.7	0.210	14.3	714.3	1428.6	14.3	42.9
LISMAH	3636.4	0.220	22.7	454.5	1363.6	13.6	50.0
PARNAJI	5454.5	0.220	27.3	909.1	1818.2	27.3	68.2
NUR	3913.0	0.230	13.0	434.8	869.6	13.0	39.1
MASRAN	4800.0	0.250	12.0	600.0	1200.0	8.0	40.0
SOKARSI	4000.0	0.250	20.0	400.0	800.0	16.0	48.0
Muntamar	4000.0	0.250	12.0	2000.0	1600.0	12.0	48.0
SUYETNO	4800.0	0.250	40.0	800.0	2400.0	48.0	64.0
WITOTAR	5769.2	0.260	23.1	100.0	1153.8	15.4	42.3
ALI	5925.9	0.270	29.6	740.7	1481.5	22.2	59.3
MUSTAIN	5185.2	0.270	18.5	370.4	1111.1	7.4	33.3
SIFAH	3571.4	0.280	25.0	357.1	714.3	14.3	35.7
AZZUHRI	4482.8	0.290	17.2	344.8	1896.6	10.3	55.2
DARMAJI	6666.7	0.300	23.3	1000.0	1666.7	16.7	60.0
YANI	6666.7	0.300	26.7	333.3	1333.3	13.3	50.0
MNTAMAH	3750.0	0.320	15.6	625.0	1250.0	15.6	43.8
WIYONO	5000.0	0.320	18.8	312.5	937.5	12.5	43.8
NURFATIH	5714.3	0.350	20.0	571.4	1714.3	20.0	45.7
USDIANO	5000.0	0.400	15.0	250.0	1000.0	10.0	37.5
MAHWATI	4750.0	0.400	25.0	250.0	750.0	7.5	27.5
PAKTO	4651.2	0.430	16.3	697.7	1395.3	14.0	44.2
KARSIDIN	4888.9	0.450	15.6	444.4	1444.4	13.3	40.0
TAFSIYAH	5000.0	0.500	16.0	400.0	1100.0	8.0	36.0
Yatmitah	4000.0	0.500	16.0	400.0	1300.0	24.0	30.0
Muhadi	8000.0	0.500	20.0	620.0	1000.0	24.0	34.0
Darwati	6000.0	0.500	20.0	700.0	1000.0	20.0	30.0
Trisdarno	8000.0	0.500	16.0	960.0	1200.0	24.0	50.0
Mamfuri	3600.0	0.500	14.0	2000.0	400.0	18.0	54.0
Nur Wahid	3000.0	0.500	10.0	300.0	1700.0	10.0	42.0

Kasturi	3000.0	0.500	14.0	1600.0	2200.0	24.0	32.0
Montari	6000.0	0.500	20.0	1000.0	1500.0	10.0	54.0
SARKAWI	5000.0	0.500	14.0	200.0	1200.0	10.0	32.0
FATAN	4363.6	0.550	14.5	363.6	909.1	7.3	30.9
KASMURI	3666.7	0.600	10.0	333.3	1000.0	10.0	33.3
Pukzaroh Harun	3424.7	0.730	13.7	411.0	1506.8	13.7	24.7
Arasyd	6666.7	0.750	16.0	266.7	2666.7	20.0	28.0
NURSIM	4000.0	0.750	10.7	400.0	800.0	9.3	24.0
Sanusi	2631.6	0.760	13.2	526.3	1578.9	13.2	23.7
Todirham	3461.5	0.780	10.3	320.5	1282.1	12.8	19.2
WADIKUN	2643.7	0.870	9.2	114.9	632.2	5.7	23.0
IMRON	2750.0	0.800	8.8	125.0	750.0	6.3	20.0
Sumadi	3023.3	0.860	14.0	465.1	1627.9	14.0	17.4
MASUDI	2604.2	0.960	9.4	208.3	677.1	6.3	20.8
FUZRATUN	3000.0	0.900	7.8	222.2	666.7	6.7	20.0
Budi	3000.0	1.000	15.0	3750.0	1800.0	12.0	38.0
LASMONO	2900.0	1.000	12.0	300.0	800.0	9.0	24.0
Rasimo	3465.3	1.010	10.9	495.0	1782.2	9.9	19.8
Kasdi	2830.2	1.060	11.3	377.4	1603.8	11.3	18.9
GADI	3000.0	1.000	10.0	200.0	500.0	5.0	22.0
Sutarkun	3636.4	1.100	10.9	272.7	1818.2	13.6	22.7
GUNAWAN	2909.1	1.100	9.1	227.3	545.5	6.4	16.4
KOZI	2434.8	1.150	7.8	130.4	521.7	6.1	15.7
TAMAJI	2666.7	1.200	10.0	250.0	583.3	10.0	20.0
Nasikin	2400.0	1.250	10.4	160.0	1200.0	8.0	16.8
DARSONO	2800.0	1.250	12.0	160.0	560.0	6.4	16.0

Lampiran 2. Faktor Sosial Responden

NAMA	USIA	PENDIDIKAN	TGN
			KELUARGA
TASWAN	30	2	4
HANDAYANI	40	1	3
WARTAMAN	63	1	2
SIPAH	50	0	2
TASNING	36	2	4
HANI	25	4	3
MUSKAN	70	1	3
KULSUM	30	1	3
MARYONO	35	1	3
LISMAH	30	1	3
PARNAJI	47	2	4
NUR	35	3	3
MASRAN	52	2	3
SOKARSI	61	1	5
Muntamar	36	2	3
SUYETNO	55	1	3
WITOTAR	60	1	3
ALI	45	3	6
MUSTAIN	32	3	4
SIFAH	63	0	2
AZZUHRI	37	2	4
DARMAJI	26	3	6
YANI	41	3	4
MNTAMAH	40	4	4
WIYONO	43	2	5
NURFATIH	33	1	5
USDIANO	30	3	3
MAHWATI	22	3	7
PAKTO	60	2	3
KARSIDIN	48	3	3
TAFSIYAH	50	2	4
Yatmitah	36	1	5
Muhadi	30	2	3
Darwati	50	1	3
Trisdarno	45	5	4
Mamfuri	46	4	4
Nur Wahid	46	1	2
Kasturi	45	2	4

Montari	35	4	3
SARKAWI	40	2	5
FATAN	32	3	4
KASMURI	37	2	5
Pukzaroh	62	0	3
Harun			
Arasyd	35	3	6
NURSIM	37	3	5
Sanusi	58	1	4
Todirham	47	2	2
WADIKUN	32	4	4
IMRON	37	3	5
Sumadi	45	1	5
MASUDI	30	5	6
FUZRATUN	20	4	4
Budi	22	4	6
LASMONO	38	3	4
Rasimo	42	2	3
Kasdi	57	1	3
GADI	35	3	5
Sutarkun	30	2	6
GUNAWAN	30	5	2
KOZI	43	3	3
TAMAJI	36	4	2
Nasikin	29	4	5
DARSONO	44	3	4

Keterangan :

Pendidikan: 0 : Tidak Sekolah

1 : Tidak Lulus SD

2 : SD

3 : SMP

4 : SMA

5 : D1-S1

Lampiran 3. Hasil Olah Efisiensi Menggunakan Dea

Results from DEAP Version 2.1

Instruction file = suh3-ins.txt

Data file = suh3-dta.tx

Cost efficiency DEA

Scale assumption: VRS

EFFICIENCY SUMMARY:

firm	te		ae		ce	
1	0.594	C	0.606	D	0.360	D
2	0.622	C	0.487	D	0.303	D
3	0.756	B	0.647	C	0.489	C
4	0.707	B	0.627	C	0.443	D
5	0.458	D	0.766	B	0.351	D
6	0.754	B	0.806	B	0.608	C
7	0.804	B	0.748	B	0.601	C
8	0.775	B	0.781	B	0.606	C
9	0.710	B	0.740	C	0.526	C
10	0.497	D	0.892	A	0.443	D
11	0.505	D	0.855	B	0.432	D
12	0.788	B	0.850	B	0.670	B
13	1.000	A	0.670	C	0.670	B
14	0.748	B	0.815	B	0.610	C
15	0.797	B	0.548	D	0.437	D
16	0.373	D	0.850	B	0.317	D
17	1.000	A	0.712	C	0.712	B
18	0.622	C	0.855	B	0.532	C
19	1.000	A	0.753	B	0.753	B
20	0.776	B	0.814	B	0.632	C
21	0.780	B	0.561	D	0.438	D
22	0.865	A	0.660	C	0.571	C
23	1.000	A	0.688	C	0.688	B
24	0.587	C	0.862	B	0.506	C
25	0.898	A	0.798	B	0.717	B
26	0.718	B	0.769	B	0.552	C
27	1.000	A	0.767	B	0.767	B
28	1.000	A	0.854	B	0.854	A
29	0.720	B	0.769	B	0.554	C
30	0.806	B	0.734	C	0.592	C
31	1.000	A	0.733	C	0.733	B
32	0.687	B	0.812	B	0.558	C
33	1.000	A	1.000	A	1.000	A
34	0.900	A	0.922	A	0.830	A

35	1.000	A	0.832	B	0.832	A
36	1.000	A	0.608	D	0.608	C
37	0.778	B	0.516	D	0.402	D
38	0.590	C	0.538	D	0.317	D
39	1.000	A	0.594	D	0.594	C
40	1.000	A	0.737	C	0.737	B
41	0.975	A	0.799	B	0.779	B
42	0.898	A	0.738	C	0.663	B
43	0.731	B	0.694	C	0.507	C
44	1.000	A	0.531	D	0.531	C
45	1.000	A	0.861	B	0.860	A
max		1.000		1.000		1.000
min		0.373		0.486		0.303

EFISIENSI TEKNIS

range 0.15675

FREKUENSI

0.84325 34

0.84325 0.68650 18

0.68650 0.52975 7

0.52975 4

63

PERSENTASE

>0.843 34 53.96825397

0.843-
0.686 18 28.57142857

0.686-
0.529 7 11.11111111

<0.529 4 6.349206349

63 100

EFISIENSI ALOKATIF

0.1285

FREKUENSI

0.8715		11
0.8715	0.743	23
0.743	0.6145	14
0.6145		15
		63

		PERSENTASE
>0.871	11	17.46031746
0.871- 0.743	23	36.50793651
0.743- 0.614	14	22.22222222
<0.6145	15	23.80952381
	63	100

EFISIENSI EKONOMIS

0.17425

FREKUENSI

0.82575		11
0.82575	0.6515	15
0.6515	0.47725	22
0.47725		15
		63

>0.825	11	17.46032
0.825-0.651	15	23.80952
0.651-0.477	22	34.92063
<0.477	15	23.80952
	63	100

Lampiran 4. Cros Tab Faktor Sosial Responden

efisien secara teknis 54%			belum efisien secara teknis 46%		
EFISIENSI TE	USIA	PENDIDIKAN	KELUARGA	L.LAHAN	FREKUENSI
>0.843	40	3.00	4.00	0.63	54%
0.842-0.686	42	2.00	4.00	0.46	29%
0.685-0.529	41	2.00	3.00	0.44	11%
<0.528	43	1.00	3.00	0.22	6%
100%					
EFISIENSI AE	USIA	PENDIDIKAN	KELUARGA	L.LAHAN	FREKUENSI
>0.871	41	3.00	3.00	0.61	17%
0.870-0.743	42	2.00	3.00	0.42	37%
0.742-0.613	43	2.00	4.00	0.39	22%
<0.6142	41	2.00	4.00	0.53	24%
100%					
EFISIENSI CE	USIA	PENDIDIKAN	KELUARGA	L.LAHAN	FREKUENSI
>0.825	40	3.00	4.00	0.77	17%
0.824-0.651	41	3.00	4.00	0.52	24%
0.650-0.477	41	2.00	4.00	0.55	35%
0.476	42	2.00	3.00	0.47	24%
100%					

Lampiran 5. Hasil Analisis Efisiensi Teknis Menggunakan Vrs

Results from DEAP Version 2.1

Instruction file = vrs1-ins.txt

Data file = gom-dta.txt

Input orientated DEA

Scale assumption: VRS

Slacks calculated using multi-stage method

EFFICIENCY SUMMARY:

firm crste vrste scale

1	0.574	0.594	0.967	irs
2	0.278	0.624	0.445	irs
3	0.736	0.756	0.973	irs
4	0.625	0.710	0.881	irs
5	0.410	0.458	0.895	irs
6	0.737	0.754	0.978	irs
7	0.777	0.803	0.967	irs
8	0.751	0.775	0.968	irs
9	0.696	0.710	0.980	irs
10	0.497	0.497	1.000	-
11	0.505	0.505	1.000	-
12	0.759	0.789	0.963	irs
13	1.000	1.000	1.000	-
14	0.684	0.748	0.914	irs
15	0.758	0.799	0.948	irs
16	0.362	0.373	0.971	irs
17	1.000	1.000	1.000	-
18	0.598	0.623	0.960	drs
19	1.000	1.000	1.000	-
20	0.684	0.776	0.881	irs
21	0.779	0.782	0.996	irs
22	0.787	0.864	0.911	drs
23	0.951	1.000	0.951	drs
24	0.577	0.588	0.981	irs
25	0.889	0.898	0.990	drs
26	0.718	0.719	0.999	irs

27	1.000	1.000	1.000	-
28	1.000	1.000	1.000	-
29	0.716	0.719	0.996	irs
30	0.804	0.806	0.998	irs
31	0.995	0.999	0.996	drs
32	0.631	0.688	0.918	irs
33	1.000	1.000	1.000	-
34	0.871	0.901	0.967	irs
35	1.000	1.000	1.000	-
36	1.000	1.000	1.000	-
37	0.735	0.780	0.942	irs
38	0.477	0.590	0.809	irs
39	0.923	1.000	0.923	drs
40	1.000	1.000	1.000	-
41	0.975	0.975	1.000	-
42	0.889	0.900	0.988	irs
43	0.663	0.731	0.907	irs
44	1.000	1.000	1.000	-
45	0.990	1.000	0.990	irs
46	0.528	0.673	0.785	irs
47	0.805	0.962	0.837	irs
48	0.930	1.000	0.930	irs
49	0.879	1.000	0.879	irs
50	0.730	0.959	0.761	irs
51	0.810	0.909	0.891	irs
52	0.987	1.000	0.987	irs
53	0.523	0.539	0.969	irs
54	0.699	0.722	0.967	irs
55	0.873	0.922	0.947	irs
56	0.683	0.858	0.795	irs
57	1.000	1.000	1.000	-
58	0.780	0.891	0.876	irs
59	0.975	1.000	0.975	irs
60	0.924	1.000	0.924	irs
61	0.710	0.888	0.800	irs
62	0.720	0.935	0.770	irs
63	0.942	1.000	0.942	irs
mean	0.782	0.833	0.93	

note: crste = technical efficiency from CRS DEA

vrste = technical efficiency from VRS DEA

scale = scale efficiency = crste/vrste

SUMMARY OF PEERS:

firm	peers:						
1	52	13	35				
2	60						
3	40	44	33	52			
4	52	35					
5	33	36	57				
6	33	44	35	52			
7	60	40	17	33			
8	28	33	57				
9	35	13	52				
10	52	40	33	13	57	19	
11	57	52	40	35	33		
12	60	57	33	35	52		
13	13						
14	36	57	33				
15	35	13	52				
16	33	44	60	17	63		
17	17						
18	28	19	33	57			
19	19						
20	36	33	57				
21	57	19	13	40			
22	33	39	35	23	19		
23	23						
24	52	35	13	57			
25	28	57	17	27	33		

26	33	35	44	52	40	13
27	27					
28	28					
29	33	44	35	13	52	
30	40	13	44	35	52	33
31	27	19	13	40	57	
32	33	52	44	60	59	
33	33					
34	44	33	63			
35	35					
36	36					
37	52					
38	60	44	52			
39	39					
40	40					
41	35	19	33	13	57	
42	52	44	35	13		
43	59	44	60			
44	44					
45	45					
46	59	60	63			
47	59	44	60			
48	48					
49	49					
50	63	44				
51	60	57				
52	52					

53	57	52				
54	40	59	52	44	33	60
55	59	44	60			
56	59	63	60			
57	57					
58	52	44	60			
59	59					
60	60					
61	57	60	59			
62	60					
63	63					

SUMMARY OF PEER WEIGHTS:
(in same order as above)

firm	peer	weights:				
1	0.661	0.166	0.174			
2	1					
3	0.043	0.212	0.151	0.595		
4	0.8	0.2				
5	0.148	0.013	0.838			
6	0.328	0.007	0.089	0.576		
7	0.546	0.258	0.084	0.112		
8	0.194	0.38	0.426			
9	0.185	0.201	0.614			
10	0.012	0.192	0.036	0.019	0.724	0.018
11	0.343	0.029	0.229	0.266	0.133	

12	0.522	0.185	0.016	0.225	0.052	
13	1					
14	0.009	0.792	0.199			
15	0.158	0.117	0.725			
16	0.297	0.082	0.106	0.06	0.455	
17	1					
18	0.113	0.309	0.41	0.167		
19	1					
20	0.017	0.112	0.871			
21	0.263	0.16	0.106	0.471		
22	0.018	0.546	0.258	0.176	0.003	
23	1					
24	0.782	0.15	0	0.068		
25	0.148	0.279	0.118	0.288	0.168	
26	0.188	0.102	0.103	0.153	0.344	0.109
27	1					
28	1					
29	0.144	0.016	0.002	0.479	0.359	
30	0.419	0.211	0.058	0.077	0.221	0.015
31	0.182	0.533	0.249	0.011	0.024	
32	0.119	0.185	0.129	0.032	0.535	
33	1					
34	0.039	0.586	0.375			
35	1					
36	1					
37	1					
38	0.365	0.056	0.579			

39	1					
40	1					
41	0.002	0.408	0.031	0.171	0.388	
42	0.85	0.043	0.099	0.007		
43	0.774	0.147	0.079			
44	1					
45	1					
46	0.284	0.546	0.17			
47	0.314	0.207	0.479			
48	1					
49	1					
50	0.942	0.058				
51	0.661	0.339				
52	1					
53	0.133	0.867				
54	0.002	0.632	0.258	0.001	0.002	0.105
55	0.656	0.17	0.174			
56	0.637	0.255	0.108			
57	1					
58	0.385	0.233	0.383			
59	1					
60	1					
61	0.313	0.571	0.117			
62	1					
63	1					

PEER COUNT SUMMARY:

(i.e., no. times each firm is a peer f

firm peer count:

1 0

2 0

3 0

4 0

5 0

6 0

7 0

8 0

9 0

10 0

11 0

12 0

13 12

14 0

15 0

16 0

17 3

18 0

19 6

20 0

21 0

22 0

23 1

24 0

25 0

26	0
27	2
28	3
29	0
30	0
31	0
32	0
33	21
34	0
35	14
36	3
37	0
38	0
39	1
40	9
41	0
42	0
43	0
44	16
45	0
46	0
47	0
48	0
49	0
50	0
51	0
52	20

53	0
54	0
55	0
56	0
57	16
58	0
59	8
60	16
61	0
62	0
63	5

SUMMARY OF OUTPUT TARGETS:

firm	output:	1
1	4166.7	
2	2434.8	
3	4615.4	
4	4000	
5	3750	
6	5111.1	
7	4000	
8	5238.1	
9	4285.7	
10	3636.4	
11	5454.5	
12	3913	

13	4800
14	4000
15	4000
16	4800
17	5769.2
18	5925.9
19	5185.2
20	3571.4
21	4482.8
22	6666.7
23	6666.7
24	3750
25	5000
26	5714.3
27	5000
28	4750
29	4651.2
30	4888.9
31	5000
32	4000
33	8000
34	6000
35	8000
36	3600
37	3000
38	3000
39	6000

40	5000
41	4363.6
42	3666.7
43	3424.7
44	6666.7
45	4000
46	2631.6
47	3461.5
48	2643.7
49	2750
50	3023.3
51	2626.314
52	3000
53	3000
54	2900
55	3465.3
56	2830.2
57	3000
58	3636.4
59	2909.1
60	2434.8
61	2666.7
62	2434.8
63	2800

SUMMARY OF INPUT TARGETS:

firm	input:	1	2	3	4	5
1	9.92	412.949	847.697	9.92	28.525	
2	7.8	130.4	521.7	6.1	15.7	
3	11.64	290.693	1162.847	12.265	24.316	
4	9.44	369.76	773.36	10.16	26	
5	11.537	286.429	572.857	7.994	24.209	
6	12.588	418.812	837.549	14.009	27.325	
7	12.048	200.793	803.174	9.893	24.182	
8	16.707	369.181	738.361	12.7	27.624	
9	10.159	434.443	872.359	10.159	29.561	
10	11.289	226.032	678.147	6.764	24.866	
11	13.781	458.914	917.829	13.781	33.283	
12	10.253	342.909	685.818	10.253	25.113	
13	12	600	1200	8	40	
14	12.024	299.3	598.601	8.894	24.667	
15	9.585	382.839	813.15	9.585	27.073	
16	14.922	298.449	895.347	13.248	23.876	
17	23.1	100	1153.8	15.4	42.3	
18	18.431	430.725	922.471	13.823	31.042	
19	18.5	370.4	1111.1	7.4	33.3	
20	11.19	277.196	554.47	7.35	23.881	
21	13.456	269.744	1001.839	8.058	30.43	
22	20.139	864.354	1383.487	14.435	51.861	
23	26.7	333.3	1333.3	13.3	50	
24	9.179	331.393	735.497	9.179	24.637	
25	16.88	280.577	841.732	11.223	31.676	
26	14.371	410.571	1231.785	14.371	32.837	

27	15	250	1000	10	37.5
28	25	250	750	7.5	27.5
29	11.718	462.483	1003.072	10.065	31.775
30	12.569	358.06	1163.775	10.716	32.229
31	15.986	399.644	1099.02	7.993	35.444
32	11.003	275.073	893.986	10.29	20.63
33	20	620	1000	24	34
34	16.846	433.822	900.749	17.251	27.022
35	16	960	1200	24	50
36	14	2000	400	18	54
37	7.8	222.2	666.7	6.7	20
38	8.261	191.232	726.232	7.229	18.882
39	20	1000	1500	10	54
40	14	200	1200	10	32
41	14.132	352.377	885.999	7.115	30.115
42	8.997	299.88	810.036	8.997	23.461
43	10.013	225.422	855.891	8.378	18.052
44	16	266.7	2666.7	20	28
45	10.7	400	800	9.3	24
46	8.883	162.952	534.972	6.236	15.95
47	9.909	189.089	974.108	9.077	18.471
48	9.2	114.9	632.2	5.7	23
49	8.8	125	750	6.3	20
50	12.231	166.162	681.661	7.185	16.693
51	8.545	153.983	514.347	5.727	17.835
52	7.8	222.2	666.7	6.7	20
53	8.092	219.249	644.538	6.474	20.266

54	8.665	216.631	577.684	6.499	17.331
55	10.047	217.141	901.916	8.66	18.25
56	9.699	199.706	546.633	6.368	16.223
57	10	200	500	5	22
58	9.707	197.425	1076.299	9.563	20.215
59	9.1	227.3	545.5	6.4	16.4
60	7.8	130.4	521.7	6.1	15.7
61	8.639	163.442	517.691	5.791	17.75
62	7.8	130.4	521.7	6.1	15.7
63	12	160	560	6.4	16

	FIRM	BY	FIRM	RESULTS:		
Results	for	firm:	1			
Technical	efficiency	=	0.594			
Scale	efficiency	=	0.967	(irs)		
	PROJECTION	SUMMARY:				
	variable	original	radial	slack	projected	
	value	movement	movement	value		
	output	1	4166.7	0	0	4166.7
	input	1	16.7	-6.78	0	9.92
	input	2	833.3	-338.3	-82.051	412.949
	input	3	2083.3	-845.771	389.831	847.697
	input	4	16.7	-6.78	0	9.92
	input	5	66.7	-27.079	-11.097	28.525
	LISTING	OF	PEERS:			

peer	lambda	weight
52	0.661	
13	0.166	
35	0.174	

Results for firm: 2

Technical efficiency = 0.624

Scale efficiency = 0.445 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	1666.7	0	768.1	2434.8
input	1	12.5	-4.7	0	7.8
input	2	833.3	-313.321	389.579	130.4
input	3	1666.7	-626.679	518.321	521.7
input	4	16.7	-6.279	-4.321	6.1
input	5	66.7	-25.079	-25.921	15.7

LISTING	OF	PEERS:
peer	lambda	weight
60	1	

Results for firm: 3

Technical efficiency = 0.756

Scale efficiency = 0.973 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected
----------	----------	--------	-------	-----------

value	movement		movement		value
output	1	4615.4	0	0	4615.4
input	1	15.4	-3.76	0	11.64
input	2	384.6	-93.907	0	290.693
input	3	1538.5	-375.653	0	1162.847
input	4	23.1	-5.64	-5.195	12.265
input	5	53.8	-13.136	-16.348	24.316
LISTING	OF	PEERS:			
peer	lambda	weight			
	40	0.043			
	44	0.212			
	33	0.151			
	52	0.595			

Results for firm: 4

Technical efficiency = 0.71

Scale efficiency = 0.881 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement		value		
output	1	4000	0	0	4000
input	1	13.3	-3.86	0	9.44
input	2	666.7	-193.493	103.447	369.76
input	3	1333.3	-386.958	172.982	773.36
input	4	20	-5.805	-4.035	10.16
input	5	66.7	-19.358	-21.342	26
LISTING	OF	PEERS:			

peer	lambda	weight
52	0.8	
35	0.2	

Results for firm: 5

Technical efficiency = 0.458

Scale efficiency = 0.895 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	3750	0	0	3750
input	1	31.3	-16.956	-2.807	11.537
input	2	625	-338.571	0	286.429
input	3	1250	-677.143	0	572.857
input	4	25	-13.543	-3.464	7.994
input	5	87.5	-47.4	-15.891	24.209

LISTING OF PEERS:

peer	lambda	weight
33	0.148	
36	0.013	
57	0.838	

Results for firm: 6

Technical efficiency = 0.754

Scale efficiency = 0.978 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected
----------	----------	--------	-------	-----------

value	movement	movement	value		
output	1	5111.1	0	0	5111.1
input	1	16.7	-4.112	0	12.588
input	2	555.6	-136.788	0	418.812
input	3	1111.1	-273.551	0	837.549
input	4	27.8	-6.844	-6.947	14.009
input	5	50	-12.31	-10.365	27.325
LISTING	OF	PEERS:			
peer	lambda	weight			
	33	0.328			
	44	0.007			
	35	0.089			
	52	0.576			

Results for firm: 7

Technical efficiency = 0.803

Scale efficiency = 0.967 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	4000	0	0	4000
input	1	15	-2.952	0	12.048
input	2	250	-49.207	0	200.793
input	3	1000	-196.826	0	803.174
input	4	15	-2.952	-2.154	9.893
input	5	45	-8.857	-11.961	24.182
LISTING	OF	PEERS:			

peer	lambda	weight
60	0.546	
40	0.258	
17	0.084	
33	0.112	

Results for firm: 8

Technical efficiency = 0.775

Scale efficiency = 0.968 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	5238.1	0	0	5238.1
input	1	28.6	-6.427	-5.465	16.707
input	2	476.2	-107.019	0	369.181
input	3	952.4	-214.039	0	738.361
input	4	42.9	-9.641	-20.559	12.7
input	5	42.9	-9.641	-5.635	27.624

LISTING	OF	PEERS:
peer	lambda	weight
28	0.194	
33	0.38	
57	0.426	

Results for firm: 9

Technical efficiency = 0.71

Scale efficiency = 0.98 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	4285.7	0	0	4285.7
input	1	14.3	-4.141	0	10.159
input	2	714.3	-206.842	-73.015	434.443
input	3	1428.6	-413.683	142.558	872.359
input	4	14.3	-4.141	0	10.159
input	5	42.9	-12.423	-0.916	29.561

LISTING OF PEERS:

peer	lambda	weight
35	0.185	
13	0.201	
52	0.614	

Results for firm: 10
 Technical efficiency = 0.497
 Scale efficiency = 1 (crs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	3636.4	0	0	3636.4
input	1	22.7	-11.411	0	11.289
input	2	454.5	-228.468	0	226.032
input	3	1363.6	-685.453	0	678.147
input	4	13.6	-6.836	0	6.764
input	5	50	-25.134	0	24.866

LISTING	OF	PEERS:
peer	lambda	weight
52	0.012	
40	0.192	
33	0.036	
13	0.019	
57	0.724	
19	0.018	

Results	for	firm:	11
Technical	efficiency	=	0.505
Scale	efficiency	=	1 (crs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected
value	movement	movement	value	
output	1	5454.5	0	0 5454.5
input	1	27.3	-13.519	0 13.781
input	2	909.1	-450.186	0 458.914
input	3	1818.2	-900.371	0 917.829
input	4	27.3	-13.519	0 13.781
input	5	68.2	-33.773	-1.144 33.283

LISTING	OF	PEERS:
peer	lambda	weight
57	0.343	
52	0.029	
40	0.229	
35	0.266	

33 0.133

Results for firm: 12

Technical efficiency = 0.789

Scale efficiency = 0.963 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	3913	0	0	3913
input	1	13	-2.747	0	10.253
input	2	434.8	-91.891	0	342.909
input	3	869.6	-183.782	0	685.818
input	4	13	-2.747	0	10.253
input	5	39.1	-8.263	-5.724	25.113

LISTING OF PEERS:

peer	lambda	weight
60	0.522	
57	0.185	
33	0.016	
35	0.225	
52	0.052	

Results for firm: 13

Technical efficiency = 1

Scale efficiency = 1 (crs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
----------	----------	--------	-------	-----------	--

value	movement	movement	value		
output	1	4800	0	0	4800
input	1	12	0	0	12
input	2	600	0	0	600
input	3	1200	0	0	1200
input	4	8	0	0	8
input	5	40	0	0	40
LISTING	OF	PEERS:			
peer	lambda	weight			
	13	1			

Results for firm: 14

Technical efficiency = 0.748

Scale efficiency = 0.914 (irs)

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	4000	0	0	4000
input	1	20	-5.035	-2.941	12.024
input	2	400	-100.7	0	299.3
input	3	800	-201.399	0	598.601
input	4	16	-4.028	-3.078	8.894
input	5	48	-12.084	-11.249	24.667
LISTING	OF	PEERS:			
peer	lambda	weight			
	36	0.009			
	57	0.792			

33 0.199

Results for firm: 15

Technical efficiency = 0.799

Scale efficiency = 0.948 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	4000	0	0	4000
input	1	12	-2.415	0	9.585
input	2	2000	-402.418	1214.74	382.839
input	3	1600	-321.934	464.915	813.15
input	4	12	-2.415	0	9.585
input	5	48	-9.658	-11.269	27.073

LISTING OF PEERS:

peer	lambda	weight
35	0.158	
13	0.117	
52	0.725	

Results for firm: 16

Technical efficiency = 0.373

Scale efficiency = 0.971 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		

output	1	4800	0	0	4800
input	1	40	-25.078	0	14.922
input	2	800	-501.551	0	298.449
input	3	2400	-1504.65	0	895.347
input	4	48	-30.093	-4.659	13.248
input	5	64	-40.124	0	23.876

LISTING OF PEERS:
peer lambda weight

33	0.297
44	0.082
60	0.106
17	0.06
63	0.455

Results for firm: 17
Technical efficiency = 1
Scale efficiency = 1 (crs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	5769.2	0	0	5769.2
input	1	23.1	0	0	23.1
input	2	100	0	0	100
input	3	1153.8	0	0	1153.8
input	4	15.4	0	0	15.4
input	5	42.3	0	0	42.3

LISTING OF PEERS:

peer	lambda	weight
17	1	

Results	for	firm:	18
Technical	efficiency	=	0.623
Scale	efficiency	=	0.96 (drs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected
value	movement	movement	value	
output	1	5925.9	0	0 5925.9
input	1	29.6	-11.169	0 18.431
input	2	740.7	-279.496	-30.479 430.725
input	3	1481.5	-559.029	0 922.471
input	4	22.2	-8.377	0 13.823
input	5	59.3	-22.376	-5.882 31.042

LISTING OF PEERS:

peer	lambda	weight
28	0.113	
19	0.309	
33	0.41	
57	0.167	

Results	for	firm:	19
Technical	efficiency	=	1
Scale	efficiency	=	1 (crs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected
----------	----------	--------	-------	-----------

value	movement	movement	value		
output	1	5185.2	0	0	5185.2
input	1	18.5	0	0	18.5
input	2	370.4	0	0	370.4
input	3	1111.1	0	0	1111.1
input	4	7.4	0	0	7.4
input	5	33.3	0	0	33.3
LISTING	OF	PEERS:			
peer	lambda	weight			
	19	1			

Results for firm: 20
Technical efficiency = 0.776
Scale efficiency = 0.881 (irs)

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	3571.4	0	0	3571.4
input	1	25	-5.594	-8.217	11.19
input	2	357.1	-79.904	0	277.196
input	3	714.3	-159.83	0	554.47
input	4	14.3	-3.2	-3.75	7.35
input	5	35.7	-7.988	-3.83	23.881
LISTING	OF	PEERS:			
peer	lambda	weight			
	36	0.017			
	33	0.112			

57 0.871

Results for firm: 21

Technical efficiency = 0.782

Scale efficiency = 0.996 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	4482.8	0	0	4482.8
input	1	17.2	-3.744	0	13.456
input	2	344.8	-75.056	0	269.744
input	3	1896.6	-412.853	481.908	1001.839
input	4	10.3	-2.242	0	8.058
input	5	55.2	-12.016	-12.754	30.43

LISTING OF PEERS:

peer	lambda	weight
57	0.263	
19	0.16	
13	0.106	
40	0.471	

Results for firm: 22

Technical efficiency = 0.864

Scale efficiency = 0.911 (drs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
----------	----------	--------	-------	-----------	--

value	movement	movement	value		
output	1	6666.7	0	0	6666.7
input	1	23.3	-3.161	0	20.139
input	2	1000	-135.646	0	864.354
input	3	1666.7	-226.081	-57.132	1383.487
input	4	16.7	-2.265	0	14.435
input	5	60	-8.139	0	51.861

LISTING OF PEERS:

peer	lambda	weight
33	0.018	
39	0.546	
35	0.258	
23	0.176	
19	0.003	

Results for firm: 23
 Technical efficiency = 1
 Scale efficiency = 0.951 (drs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	6666.7	0	0	6666.7
input	1	26.7	0	0	26.7
input	2	333.3	0	0	333.3
input	3	1333.3	0	0	1333.3
input	4	13.3	0	0	13.3
input	5	50	0	0	50

LISTING	OF	PEERS:
peer	lambda	weight
23	1	

Results	for	firm:	24
Technical	efficiency	=	0.588
Scale	efficiency	=	0.981 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected
value	movement	movement	value	
output	1	3750	0	0 3750
input	1	15.6	-6.421	0 9.179
input	2	625	-257.251	-36.356 331.393
input	3	1250	-514.503	0 735.497
input	4	15.6	-6.421	0 9.179
input	5	43.8	-18.028	-1.135 24.637

LISTING	OF	PEERS:
peer	lambda	weight
52	0.782	
35	0.15	
13	0	
57	0.068	

Results	for	firm:	25
Technical	efficiency	=	0.898
Scale	efficiency	=	0.99 (drs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	5000	0	0	5000
input	1	18.8	-1.92	0	16.88
input	2	312.5	-31.923	0	280.577
input	3	937.5	-95.768	0	841.732
input	4	12.5	-1.277	0	11.223
input	5	43.8	-4.474	-7.649	31.676

LISTING	OF	PEERS:
peer	lambda	weight
28	0.148	
57	0.279	
17	0.118	
27	0.288	
33	0.168	

Results for firm: 26
 Technical efficiency = 0.719
 Scale efficiency = 0.999 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	5714.3	0	0	5714.3
input	1	20	-5.629	0	14.371
input	2	571.4	-160.829	0	410.571
input	3	1714.3	-482.515	0	1231.785
input	4	20	-5.629	0	14.371

input	5	45.7	-12.863	0	32.837
-------	---	------	---------	---	--------

LISTING	OF	PEERS:
---------	----	--------

peer	lambda	weight
------	--------	--------

33	0.188
----	-------

35	0.102
----	-------

44	0.103
----	-------

52	0.153
----	-------

40	0.344
----	-------

13	0.109
----	-------

Results	for	firm:	27
---------	-----	-------	----

Technical	efficiency	=	1
-----------	------------	---	---

Scale	efficiency	=	1 (crs)
-------	------------	---	---------

PROJECTION	SUMMARY:
------------	----------

variable	original	radial	slack	projected
----------	----------	--------	-------	-----------

value	movement	movement	value
-------	----------	----------	-------

output	1	5000	0	0	5000
--------	---	------	---	---	------

input	1	15	0	0	15
-------	---	----	---	---	----

input	2	250	0	0	250
-------	---	-----	---	---	-----

input	3	1000	0	0	1000
-------	---	------	---	---	------

input	4	10	0	0	10
-------	---	----	---	---	----

input	5	37.5	0	0	37.5
-------	---	------	---	---	------

LISTING	OF	PEERS:
---------	----	--------

peer	lambda	weight
------	--------	--------

27	1
----	---

Results	for	firm:	28
---------	-----	-------	----

Technical efficiency = 1

Scale efficiency = 1 (crs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	4750	0	0	4750
input	1	25	0	0	25
input	2	250	0	0	250
input	3	750	0	0	750
input	4	7.5	0	0	7.5
input	5	27.5	0	0	27.5

LISTING OF PEERS:

peer lambda weight

28 1

Results for firm: 29

Technical efficiency = 0.719

Scale efficiency = 0.996 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	4651.2	0	0	4651.2
input	1	16.3	-4.582	0	11.718
input	2	697.7	-196.128	-39.089	462.483
input	3	1395.3	-392.228	0	1003.072
input	4	14	-3.935	0	10.065
input	5	44.2	-12.425	0	31.775

LISTING	OF	PEERS:
peer	lambda	weight
33	0.144	
44	0.016	
35	0.002	
13	0.479	
52	0.359	

Results	for	firm:	30
Technical	efficiency	=	0.806
Scale	efficiency	=	0.998 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected
value	movement	movement	value	
output	1	4888.9	0	0 4888.9
input	1	15.6	-3.031	0 12.569
input	2	444.4	-86.34	0 358.06
input	3	1444.4	-280.625	0 1163.775
input	4	13.3	-2.584	0 10.716
input	5	40	-7.771	0 32.229

LISTING	OF	PEERS:
peer	lambda	weight
40	0.419	
13	0.211	
44	0.058	
35	0.077	
52	0.221	

33 0.015

Results for firm: 31

Technical efficiency = 0.999

Scale efficiency = 0.996 (drs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	5000	0	0	5000
input	1	16	-0.014	0	15.986
input	2	400	-0.356	0	399.644
input	3	1100	-0.98	0	1099.02
input	4	8	-0.007	0	7.993
input	5	36	-0.032	-0.524	35.444

LISTING OF PEERS:

peer	lambda	weight
27	0.182	
19	0.533	
13	0.249	
40	0.011	
57	0.024	

Results for firm: 32

Technical efficiency = 0.688

Scale efficiency = 0.918 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
----------	----------	--------	-------	-----------	--

value	movement	movement	value		
output	1	4000	0	0	4000
input	1	16	-4.997	0	11.003
input	2	400	-124.927	0	275.073
input	3	1300	-406.014	0	893.986
input	4	24	-7.496	-6.214	10.29
input	5	30	-9.37	0	20.63

LISTING OF PEERS:
peer lambda weight

33	0.119
52	0.185
44	0.129
60	0.032
59	0.535

Results for firm: 33
Technical efficiency = 1
Scale efficiency = 1 (crs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	8000	0	0	8000
input	1	20	0	0	20
input	2	620	0	0	620
input	3	1000	0	0	1000
input	4	24	0	0	24
input	5	34	0	0	34

LISTING	OF	PEERS:
peer	lambda	weight
33	1	

Results	for	firm:	34
Technical	efficiency	=	0.901
Scale	efficiency	=	0.967 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected
value	movement	movement	value	
output	1	6000	0	0 6000
input	1	20	-1.985	-1.169 16.846
input	2	700	-69.476	196.703 433.822
input	3	1000	-99.251	0 900.749
input	4	20	-1.985	-0.764 17.251
input	5	30	-2.978	0 27.022

LISTING	OF	PEERS:
peer	lambda	weight
44	0.039	
33	0.586	
63	0.375	

Results	for	firm:	35
Technical	efficiency	=	1
Scale	efficiency	=	1 (crs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected		
value	movement	movement	value			
output	1	8000	0	0	8000	
input	1	16	0	0	16	
input	2	960	0	0	960	
input	3	1200	0	0	1200	
input	4	24	0	0	24	
input	5	50	0	0	50	
LISTING	OF	PEERS:				
peer	lambda	weight				
	35	1				

Results for firm: 36

Technical efficiency = 1

Scale efficiency = 1 (crs)

PROJECTION SUMMARY:						
variable	original	radial	slack	projected		
value	movement	movement	value			
output	1	3600	0	0	3600	
input	1	14	0	0	14	
input	2	2000	0	0	2000	
input	3	400	0	0	400	
input	4	18	0	0	18	
input	5	54	0	0	54	
LISTING	OF	PEERS:				
peer	lambda	weight				
	36	1				

Results	for	firm:	37			
Technical	efficiency	=	0.78			
Scale	efficiency	=	0.942	(irs)		
PROJECTION SUMMARY:						
	variable	original	radial	slack	projected	
	value	movement	movement	value		
	output	1	3000	0	0	3000
	input	1	10	-2.2	0	7.8
	input	2	300	-66	-11.8	222.2
	input	3	1700	-374	-659.3	666.7
	input	4	10	-2.2	-1.1	6.7
	input	5	42	-9.24	-12.76	20
	LISTING	OF	PEERS:			
	peer	lambda	weight			
		52	1			

Results	for	firm:	38			
Technical	efficiency	=	0.59			
Scale	efficiency	=	0.809	(irs)		
PROJECTION SUMMARY:						
	variable	original	radial	slack	projected	
	value	movement	movement	value		
	output	1	3000	0	0	3000
	input	1	14	-5.739	0	8.261
					-	
	input	2	1600	-655.906	752.862	191.232

input	3	2200	-901.87	571.898	726.232
input	4	24	-9.839	-6.933	7.229
input	5	32	-13.118	0	18.882
LISTING	OF	PEERS:			
peer	lambda	weight			
	60	0.365			
	44	0.056			
	52	0.579			

Results for firm: 39

Technical efficiency = 1

Scale efficiency = 0.923 (drs)

PROJECTION	SUMMARY:					
variable	original	radial	slack	projected		
value	movement	movement	value			
output	1	6000	0	0	6000	
input	1	20	0	0	20	
input	2	1000	0	0	1000	
input	3	1500	0	0	1500	
input	4	10	0	0	10	
input	5	54	0	0	54	
LISTING	OF	PEERS:				
peer	lambda	weight				
	39	1				

Results for firm: 40

Technical	efficiency	=	1			
Scale	efficiency	=	1	(crs)		
PROJECTION SUMMARY:						
	variable	original	radial	slack	projected	
	value	movement	movement	value		
	output	1	5000	0	0	5000
	input	1	14	0	0	14
	input	2	200	0	0	200
	input	3	1200	0	0	1200
	input	4	10	0	0	10
	input	5	32	0	0	32
	LISTING	OF	PEERS:			
	peer	lambda	weight			
		40	1			

Results	for	firm:	41			
Technical	efficiency	=	0.975			
Scale	efficiency	=	1	(crs)		
PROJECTION SUMMARY:						
	variable	original	radial	slack	projected	
	value	movement	movement	value		
	output	1	4363.6	0	0	4363.6
	input	1	14.5	-0.368	0	14.132
	input	2	363.6	-9.239	-1.983	352.377
	input	3	909.1	-23.101	0	885.999
	input	4	7.3	-0.185	0	7.115
	input	5	30.9	-0.785	0	30.115

LISTING	OF	PEERS:
peer	lambda	weight
35	0.002	
19	0.408	
33	0.031	
13	0.171	
57	0.388	

Results	for	firm:	42
Technical	efficiency	=	0.9
Scale	efficiency	=	0.988 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	3666.7	0	0	3666.7
input	1	10	-1.003	0	8.997
input	2	333.3	-33.42	0	299.88
input	3	1000	-100.271	-89.693	810.036
input	4	10	-1.003	0	8.997
input	5	33.3	-3.339	-6.5	23.461

LISTING	OF	PEERS:
peer	lambda	weight
52	0.85	
44	0.043	
35	0.099	
13	0.007	

Results for firm: 43

Technical efficiency = 0.731

Scale efficiency = 0.907 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	3424.7	0	0	3424.7
input	1	13.7	-3.687	0	10.013
input	2	411	-110.616	-74.962	225.422
input	3	1506.8	-405.54	245.369	855.891
input	4	13.7	-3.687	-1.634	8.378
input	5	24.7	-6.648	0	18.052

LISTING OF PEERS:

peer	lambda	weight
59	0.774	
44	0.147	
60	0.079	

Results for firm: 44

Technical efficiency = 1

Scale efficiency = 1 (crs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	6666.7	0	0	6666.7
input	1	16	0	0	16
input	2	266.7	0	0	266.7

input	3	2666.7	0	0	2666.7
input	4	20	0	0	20
input	5	28	0	0	28
LISTING	OF	PEERS:			
peer	lambda	weight			
	44	1			

Results	for	firm:	45			
Technical	efficiency	=	1			
Scale	efficiency	=	0.99	(irs)		
PROJECTION	SUMMARY:					
variable	original	radial	slack	projected		
value	movement	movement	value			
output	1	4000	0	0	4000	
input	1	10.7	0	0	10.7	
input	2	400	0	0	400	
input	3	800	0	0	800	
input	4	9.3	0	0	9.3	
input	5	24	0	0	24	
LISTING	OF	PEERS:				
peer	lambda	weight				
	45	1				

Results	for	firm:	46			
Technical	efficiency	=	0.673			
Scale	efficiency	=	0.785	(irs)		
PROJECTION	SUMMARY:					

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	2631.6	0	0	2631.6
input	1	13.2	-4.317	0	8.883
				-	
input	2	526.3	-172.107	191.242	162.952
				-	
input	3	1578.9	-516.32	527.608	534.972
input	4	13.2	-4.317	-2.647	6.236
input	5	23.7	-7.75	0	15.95
LISTING	OF	PEERS:			
peer	lambda	weight			
	59	0.284			
	60	0.546			
	63	0.17			

Results for firm: 47

Technical efficiency = 0.962

Scale efficiency = 0.837 (irs)

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	3461.5	0	0	3461.5
input	1	10.3	-0.391	0	9.909
				-	
input	2	320.5	-12.167	119.244	189.089
input	3	1282.1	-48.672	-259.32	974.108
input	4	12.8	-0.486	-3.237	9.077
input	5	19.2	-0.729	0	18.471

LISTING	OF	PEERS:
peer	lambda	weight
59	0.314	
44	0.207	
60	0.479	

Results	for	firm:	48
Technical	efficiency	=	1
Scale	efficiency	=	0.93 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected
value	movement	movement	value	
output	1	2643.7	0	0 2643.7
input	1	9.2	0	0 9.2
input	2	114.9	0	0 114.9
input	3	632.2	0	0 632.2
input	4	5.7	0	0 5.7
input	5	23	0	0 23

LISTING	OF	PEERS:
peer	lambda	weight
48	1	

Results	for	firm:	49
Technical	efficiency	=	1
Scale	efficiency	=	0.879 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected
----------	----------	--------	-------	-----------

value	movement	movement	value		
output	1	2750	0	0	2750
input	1	8.8	0	0	8.8
input	2	125	0	0	125
input	3	750	0	0	750
input	4	6.3	0	0	6.3
input	5	20	0	0	20
LISTING	OF	PEERS:			
peer	lambda	weight			
	49	1			

Results for firm: 50
 Technical efficiency = 0.959
 Scale efficiency = 0.761 (irs)

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	3023.3	0	0	3023.3
input	1	14	-0.569	-1.2	12.231
input	2	465.1	-18.898	-280.04	166.162
input	3	1627.9	-66.146	880.093	681.661
input	4	14	-0.569	-6.246	7.185
input	5	17.4	-0.707	0	16.693
LISTING	OF	PEERS:			
peer	lambda	weight			
	63	0.942			
	44	0.058			

Results	for	firm:	51			
Technical	efficiency	=	0.909			
Scale	efficiency	=	0.891	(irs)		
PROJECTION SUMMARY:						
	variable	original	radial	slack	projected	
	value	movement	movement	value		
	output	1	2604.2	0	22.114	2626.314
	input	1	9.4	-0.855	0	8.545
	input	2	208.3	-18.936	-35.38	153.983
	input	3	677.1	-61.555	101.198	514.347
	input	4	6.3	-0.573	0	5.727
	input	5	20.8	-1.891	-1.074	17.835
LISTING OF PEERS:						
	peer	lambda	weight			
		60	0.661			
		57	0.339			

Results	for	firm:	52			
Technical	efficiency	=	1			
Scale	efficiency	=	0.987	(irs)		
PROJECTION SUMMARY:						
	variable	original	radial	slack	projected	
	value	movement	movement	value		
	output	1	3000	0	0	3000
	input	1	7.8	0	0	7.8

input	2	222.2	0	0	222.2
input	3	666.7	0	0	666.7
input	4	6.7	0	0	6.7
input	5	20	0	0	20

LISTING	OF	PEERS:
peer	lambda	weight
52	1	

Results for firm: 53

Technical efficiency = 0.539

Scale efficiency = 0.969 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	3000	0	0	3000
input	1	15	-6.908	0	8.092
input	2	3750	-1726.88	1803.87	219.249
input	3	1800	-828.902	326.561	644.538
input	4	12	-5.526	0	6.474
input	5	38	-17.499	-0.235	20.266

LISTING	OF	PEERS:
peer	lambda	weight
57	0.133	
52	0.867	

Results for firm: 54

Technical efficiency = 0.722

Scale efficiency = 0.967 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected
value	movement	movement	value	
output	1	2900	0	0 2900
input	1	12	-3.335	0 8.665
input	2	300	-83.369	0 216.631
input	3	800	-222.316	0 577.684
input	4	9	-2.501	0 6.499
input	5	24	-6.669	0 17.331

LISTING OF PEERS:

peer	lambda	weight
40	0.002	
59	0.632	
52	0.258	
44	0.001	
33	0.002	
60	0.105	

Results for firm: 55

Technical efficiency = 0.922

Scale efficiency = 0.947 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected
value	movement	movement	value	
output	1	3465.3	0	0 3465.3

input	1	10.9	-0.853	0	10.047
				-	
input	2	495	-38.751	239.109	217.141
				-	
input	3	1782.2	-139.518	740.765	901.916
input	4	9.9	-0.775	-0.465	8.66
input	5	19.8	-1.55	0	18.25

LISTING OF PEERS:
peer lambda weight

59 0.656

44 0.17

60 0.174

Results for firm: 56

Technical efficiency = 0.858

Scale efficiency = 0.795 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	2830.2	0	0	2830.2
input	1	11.3	-1.601	0	9.699
				-	
input	2	377.4	-53.462	124.231	199.706
				-	
input	3	1603.8	-227.194	829.973	546.633
input	4	11.3	-1.601	-3.332	6.368
input	5	18.9	-2.677	0	16.223

LISTING OF PEERS:
peer lambda weight

59 0.637

63 0.255

60 0.108

Results for firm: 57

Technical efficiency = 1

Scale efficiency = 1 (crs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	3000	0	0	3000
input	1	10	0	0	10
input	2	200	0	0	200
input	3	500	0	0	500
input	4	5	0	0	5
input	5	22	0	0	22

LISTING OF PEERS:

peer lambda weight

57 1

Results for firm: 58

Technical efficiency = 0.891

Scale efficiency = 0.876 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	3636.4	0	0	3636.4
input	1	10.9	-1.193	0	9.707

input	2	272.7	-29.852	-45.424	197.425
				-	
input	3	1818.2	-199.032	542.869	1076.299
input	4	13.6	-1.489	-2.548	9.563
input	5	22.7	-2.485	0	20.215

LISTING	OF	PEERS:
peer	lambda	weight
	52	0.385
	44	0.233
	60	0.383

Results	for	firm:	59
Technical	efficiency	=	1
Scale	efficiency	=	0.975 (irs)

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	2909.1	0	0	2909.1
input	1	9.1	0	0	9.1
input	2	227.3	0	0	227.3
input	3	545.5	0	0	545.5
input	4	6.4	0	0	6.4
input	5	16.4	0	0	16.4

LISTING	OF	PEERS:
peer	lambda	weight
	59	1

Results	for	firm:	60			
Technical	efficiency	=	1			
Scale	efficiency	=	0.924	(irs)		
PROJECTION SUMMARY:						
	variable	original	radial	slack	projected	
	value	movement	movement	value		
	output	1	2434.8	0	0	2434.8
	input	1	7.8	0	0	7.8
	input	2	130.4	0	0	130.4
	input	3	521.7	0	0	521.7
	input	4	6.1	0	0	6.1
	input	5	15.7	0	0	15.7
	LISTING	OF	PEERS:			
	peer	lambda	weight			
		60	1			

Results	for	firm:	61			
Technical	efficiency	=	0.888			
Scale	efficiency	=	0.8	(irs)		
PROJECTION SUMMARY:						
	variable	original	radial	slack	projected	
	value	movement	movement	value		
	output	1	2666.7	0	0	2666.7
	input	1	10	-1.125	-0.236	8.639
	input	2	250	-28.12	-58.439	163.442
	input	3	583.3	-65.609	0	517.691
	input	4	10	-1.125	-3.084	5.791

input	5	20	-2.25	0	17.75
-------	---	----	-------	---	-------

LISTING	OF	PEERS:
---------	----	--------

peer	lambda	weight
------	--------	--------

57	0.313
----	-------

60	0.571
----	-------

59	0.117
----	-------

Results	for	firm:	62
---------	-----	-------	----

Technical	efficiency	=	0.935
-----------	------------	---	-------

Scale	efficiency	=	0.77 (irs)
-------	------------	---	------------

PROJECTION	SUMMARY:
------------	----------

variable	original	radial	slack	projected
----------	----------	--------	-------	-----------

value	movement	movement	value
-------	----------	----------	-------

output	1	2400	0	34.8	2434.8
--------	---	------	---	------	--------

input	1	10.4	-0.681	-1.919	7.8
-------	---	------	--------	--------	-----

input	2	160	-10.476	-19.124	130.4
-------	---	-----	---------	---------	-------

input	3	1200	-78.571	599.729	521.7
-------	---	------	---------	---------	-------

input	4	8	-0.524	-1.376	6.1
-------	---	---	--------	--------	-----

input	5	16.8	-1.1	0	15.7
-------	---	------	------	---	------

LISTING	OF	PEERS:
---------	----	--------

peer	lambda	weight
------	--------	--------

60	1
----	---

Results	for	firm:	63
---------	-----	-------	----

Technical	efficiency	=	1
-----------	------------	---	---

Scale	efficiency	=	0.942 (irs)
-------	------------	---	-------------

PROJECTION SUMMARY:

variable	original	radial	slack	projected	
value	movement	movement	value		
output	1	2800	0	0	2800
input	1	12	0	0	12
input	2	160	0	0	160
input	3	560	0	0	560
input	4	6.4	0	0	6.4
input	5	16	0	0	16

LISTING OF PEERS:

peer	lambda	weight
63	1	