Lampiran 1. Jumlah Cabai Merah yang Bertahan Selama Penyimpanan

Jam ke -	Suhu Ruang				Suhu Rendah			
	A	B	C	D	A	B	C	D
1	50	50	50	50	50	50	50	50
2	42	50	49	50	50	49	50	50
3	40	48	46	50	47	49	50	50
4	40	48	43	50	46	49	48	50
5	40	48	42	50	45	49	48	50
6	35	44	40	46	45	49	48	50
7	32	38	27	44	45	48	43	50
8	28	37	26	43	42	46	43	47
9	28	36	23	41	40	45	43	46
10	9	28	21	39	15	45	42	45
11	9	28	21	38	9	35	40	39
12	9	23	20	35	6	33	40	36
13	8	9	16	35	3	28	40	36
14	4	3	14	35	3	27	34	34
15	2	3	14	31	3	27	34	34
16	0	3	10	17	0	27	34	34
17	0	0	6	17	0	22	32	34
18	0	0	6	13	0	20	32	34
19	0	0	6	12	0	20	32	34
20	0	0	4	12	0	11	30	31
21	0	0	3	9	0	10	28	29
22	0	0	3	8	0	10	27	27
23	0	0	2	8	0	9	26	27
24	0	0	0	8	0	4	24	26
25	0	0	0	4	0	2	24	25
26	0	0	0	0	0	0	24	25
27	0	0	0	0	0	0	24	25
28	0	0	0	0	0	0	23	24
29	0	0	0	0	0	0	21	24
30	0	0	0	0	0	0	21	23
31	0	0	0	0	0	0	21	23
32	0	0	0	0	0	0	21	23
33	0	0	0	0	0	0	21	22
34	0	0	0	0	0	0	21	22
35	0	0	0	0	0	0	20	22
36	0	0	0	0	0	0	20	22
37	0	0	0	0	0	0	18	22
38	0	0	0	0	0	0	18	21
39	0	0	0	0	0	0	18	21
40	0	0	0	0	0	0	18	21
41	0	0	0	0	0	0	17	21

Jam ke -	Suhu Ruang				Suhu Rendah			
	A	B	C	D	A	B	C	D
42	0	0	0	0	0	0	17	20
43	0	0	0	0	0	0	17	20
44	0	0	0	0	0	0	17	20
45	0	0	0	0	0	0	16	19
46	0	0	0	0	0	0	16	19
47	0	0	0	0	0	0	16	19
48	0	0	0	0	0	0	16	19
49	0	0	0	0	0	0	15	19
50	0	0	0	0	0	0	15	19
51	0	0	0	0	0	0	14	18
52	0	0	0	0	0	0	12	18
53	0	0	0	0	0	0	12	17
54	0	0	0	0	0	0	12	17
55	0	0	0	0	0	0	11	17
56	0	0	0	0	0	0	11	16
57	0	0	0	0	0	0	9	16
58	0	0	0	0	0	0	9	16
59	0	0	0	0	0	0	5	15
60	0	0	0	0	0	0	5	15
61	0	0	0	0	0	0	5	15
62	0	0	0	0	0	0	5	15
63	0	0	0	0	0	0	5	15
64	0	0	0	0	0	0	5	15
65	0	0	0	0	0	0	5	14
66	0	0	0	0	0	0	5	14
67	0	0	0	0	0	0	5	14
68	0	0	0	0	0	0	5	14
69	0	0	0	0	0	0	5	14
70	0	0	0	0	0	0	5	12
71	0	0	0	0	0	0	5	12
72	0	0	0	0	0	0	5	12
73	0	0	0	0	0	0	5	12
74	0	0	0	0	0	0	4	11
75	0	0	0	0	0	0	4	11
76	0	0	0	0	0	0	4	11
77	0	0	0	0	0	0	4	10
78	0	0	0	0	0	0	3	10
79	0	0	0	0	0	0	3	10
80	0	0	0	0	0	0	3	10
81	0	0	0	0	0	0	3	10
82	0	0	0	0	0	0	3	9
83	0	0	0	0	0	0	3	8
84	0	0	0	0	0	0	3	7

Jam ke -	Suhu Ruang				Suhu Rendah			
	A	B	C	D	A	B	C	D
85	0	0	0	0	0	0	3	7
86	0	0	0	0	0	0	3	7
87	0	0	0	0	0	0	2	6
88	0	0	0	0	0	0	2	6
89	0	0	0	0	0	0	2	6
90	0	0	0	0	0	0	0	6
91	0	0	0	0	0	0	0	3
92	0	0	0	0	0	0	0	1
93	0	0	0	0	0	0	0	0

Keterangan

A : Tanpa Kemasan
B : Kemasan Plastik Berlubang
C : Kemasan Plastik 0.01 mikron
D : Kemasan Plastik 0.05 mikron

Lampiran 2. Kondisi Penyimpanan Cabai Merah Berdasarkan Suhu (°C) dan Kelembaban Rel

Jam ke-	Ruang Terbuka		Refrigerator	
	Suhu	RH	Suhu	RH
0	34	70	34	70
1	30	70	15	88
2	28	68	12	30
3	30	70	12	30
4	30	70	13	30
5	30	70	12	32
6	30	70	14	30
7	30	70	14	32
8	29	68	12	32
9	30	70	13	30
10	29	68	12	28
11	30	70	12	32
12	30	70	12	32
13	30	71	14	32
14	29	68	12	34
15	32	68	12	32
16	31	70	14	34
17	29	68	11	32
18	30	70	12	32
19	30	70	12	32
20	28	68	12	32
21	34	68	12	32
22	30	70	16	36
23	30	70	13	28
24	30	70	14	32
25			14	30
26			14	60
27			14	30
28			14	28
29			14	28
30			14	28
31			16	26
32			14	30
33			12	32
34			12	32
35			12	32
36			14	40
37			12	30
38			12	30
39			14	48
40			14	30
41			12	32
42			12	32
43			16	36
44			13	28
45			14	32
46			14	30
47			14	60
48			14	30
49			16	30
50			14	28
51			15	28

Jam ke-	Ruang Terbuka		Refrigerator	
	Suhu	RH	Suhu	RH
52			15	40
53			14	30
54			12	32
55			15	30
56			13	30
57			13	30
58			14	30
59			14	30
60			14	30
61			15	40
62			15	40
63			16	40
64			13	40
65			15	32
66			15	32
67			14	30
68			12	32
69			12	32
70			12	32
71			12	32
72			12	32
73			11	32
74			12	32
75			13	32
76			15	30
77			13	30
78			11	32
79			12	30
80			13	32
81			13	32
82			15	30
83			13	30
84			13	30
85			12	32
86			10	30
87			10	30
88			15	40
89			11	31
90			15	40
91			15	40
92			16	36
93			16	30
94			14	28
95			15	28
96			15	40
97			14	30

Lampiran 3. Perbandingan Proporsi Cabai yang Tidak Rusak Antara Observasi vs Model Berdasarkan Model Respon Logistik

Jam ke-	SUHU RUANG								SUHU RENDAH							
	A		B		C		D		A		B		C		D	
	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model
1	50	47.5	50	49.5	50	45.5	50	49.5	50	50	50	49	50	43	50	40
2	42	46	50	49.5	49	44.5	50	49	50	50	49	48.5	50	42.5	50	40
3	40	44.5	48	49	46	43	49	48.5	47	50	49	48.5	50	42	50	39.5
4	40	42	48	48	43	41	49	48	46	50	49	48	48	41.5	50	39
5	40	39	48	47	42	39	45	47.5	45	50	49	47	48	41	50	39
6	35	35	44	45.5	40	36.5	44	46.5	45	49.5	49	46.5	48	40.5	50	38.5
7	32	30.5	38	43	27	34	43	45.5	45	48.5	48	45.5	43	40.5	47	38
8	28	25.5	37	39.5	26	31	42	43.5	42	44	46	44	43	40	46	37.5
9	28	20.5	36	34.5	23	27.5	40	41.5	40	33.5	45	42.5	43	39.5	45	37.5
10	9	16	28	29	21	24.5	39	39	15	20	45	41	42	38.5	39	37
11	9	12	28	23	21	21	36	36	9	9.5	35	39	40	38	36	36.5
12	9	9	23	17	20	18	34	32.5	6	4.5	33	36.5	40	37.5	36	36
13	8	6	9	12	16	15	34	28.5	3	2	28	33.5	40	37	34	35.5
14	4	4.5	3	8	14	12.5	30	24	3	1	27	31	34	36.5	34	35.5
15	2	3	3	5.5	14	10.5	14	20	3	0.5	27	27.5	34	36	34	35
16	0	2	3	3.5	10	8.5	14	16.5	0	0	27	24.5	34	35	34	34.5
17			0	2	6	6.5	10	13			22	21	32	34.5	34	34
18					6	5.5	8	10			20	18	32	34	34	33.5
19					6	4	8	7.5			20	15	32	33	31	33
20					4	3.5	6	5.5			11	12.5	30	32.5	29	32.5
21					3	2.5	5	4			10	10.5	28	32	27	32
22					3	2	5	3			10	8.5	27	31	27	31.5
23					2	1.5	5	2			9	6.5	26	30.5	26	31
24					0	1	1	1.5			4	5.5	24	29.5	25	30.5
25							0	1			2	4	24	29	25	30
26											0	3.5	24	28	24	29.5
27													24	27.5	24	29
28													23	26.5	23	28.5
29													21	26	23	28.5
30													21	25	23	27.5
31													21	24.5	22	27

Jam ke-	SUHU RUANG								SUHU RENDAH							
	A		B		C		D		A		B		C		D	
	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model
32													21	23.5	22	26.5
33													21	22.5	22	26
34													21	22	22	25.5
35													20	21	22	25
36													20	20.5	21	24.5
37													18	19.5	21	24
38													18	19	21	23.5
39													18	18.5	21	23
40													18	17.5	20	22.5
41													17	17	20	22
42													17	16	20	21.5
43													17	15.5	19	21
44													17	15	19	20.5
45													16	14.5	19	20
46													16	13.5	19	19.5
47													16	13	19	19
48													16	12.5	19	18.5
49													15	12	18	18.5
50													15	11.5	18	18
51													14	11	17	17.5
52													12	10.5	17	17
53													12	10	17	16.5
54													12	9.5	16	16
55													11	9	16	15.5
56													11	8.5	16	15
57													9	8	15	14.5
58													9	7.5	15	14.5
59													5	7	15	14
60													5	7	15	13.5
61													5	6.5	15	13
62													5	6	15	12.5
63													5	6	14	12.5
64													5	5.5	14	12

Jam ke-	SUHU RUANG								SUHU RENDAH							
	A		B		C		D		A		B		C		D	
	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model
65													5	5	14	11.5
66													5	5	14	11
67													5	4.5	14	11
68													5	4.5	14	10.5
69													5	4	14	10
70													5	4	12	10
71													5	3.5	12	9.5
72													5	3.5	12	9
73													5	3.5	12	9
74													4	3	11	8.5
75													4	3	11	8.5
76													4	3	11	8
77													4	2.5	10	8
78													3	2.5	10	7.5
79													3	2.5	10	7
80													3	2	10	7
81													3	2	10	7
82													3	2	10	6.5
83													3	2	9	6.5
84													3	1.5	8	6
85													3	1.5	7	6
86													3	1.5	7	5.5
87													2	1.5	7	5.5
88													2	1.5	6	5.5
89													2	1.5	6	5
90													0	1	6	5
91															6	4.5
92															3	4.5
93															1	4.5
94															1	4
95															1	4
96															1	4
97															0	4

Keterangan :
A : Tanpa Kemasan
B : Kemasan Plastik Perforasi
C : Kemasan plastik 0.01 mm
D : Kemasan plastik 0.05 mm

Lampiran 4. Perbandingan Proporsi Cabai yang Tidak Rusak Antara Observasi vs Model Berdasarkan Model Weibull

Jam ke-	SUHU RUANG								SUHU RENDAH							
	A		B		C		D		A		B		C		D	
	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model
1	50	49.5	50	50	50	49	50	50	50	49.5	50	50	50	49.5	50	48.5
2	42	48.5	50	50	49	47.5	50	50	50	48.5	49	50	50	48.5	50	47.5
3	40	46	48	49.5	46	45	49	49.5	47	46	49	50	50	47.5	50	46.5
4	40	43	48	49	43	42	49	49	46	43	49	49.5	48	46.5	50	45
5	40	39	48	48	42	39	45	48.5	45	39	49	49.5	48	45.5	50	44
6	35	34.5	44	46	40	36	44	47.5	45	34.5	49	48.5	48	44.5	50	43
7	32	29.5	38	43	27	32.5	43	46	45	29.5	48	47.5	43	43.5	47	42
8	28	25	37	39	26	29	42	44.5	42	25	46	46	43	42.5	46	41
9	28	20	36	34.5	23	26	40	42.5	40	20	45	44	43	41.5	45	40
10	9	16	28	29	21	23	39	40.5	15	16	45	41.5	42	40.5	39	39.5
11	9	12	28	23	21	20	36	38	9	12	35	39	40	39.5	36	38.5
12	9	9	23	17.5	20	17.5	34	35	6	9	33	35.5	40	38.5	36	37.5
13	8	6.5	9	12	16	15	34	32	3	6.5	28	32.5	40	37.5	34	36.5
14	4	4.5	3	8	14	13	30	29	3	4.5	27	29	34	36.5	34	36
15	2	3	3	4.5	14	11	14	26	3	3	27	25.5	34	35.5	34	35
16	0	2	3	2.5	10	9	14	22.5	0	2	27	22.5	34	34.5	34	34.5
17			0	1	6	7.5	10	19.5			22	19.5	32	33.5	34	33.5
18					6	6.5	8	16.5			20	17	32	32.5	34	33
19					6	5.5	8	14			20	14.5	32	32	31	32
20					4	4.5	6	11.5			11	12.5	30	31	29	31.5
21					3	3.5	5	9.5			10	11	28	30	27	30.5
22					3	3	5	7.5			10	9.5	27	29	27	30
23					2	2.5	5	6			9	8.5	26	28	26	29.5
24					0	2	1	4.5			4	7	24	27.5	25	28.5
25							0	3.5			2	6.5	24	26.5	25	28
26								2.5			0	5.5	24	26	24	27.5
27													24	25	24	27
28													23	24	23	26.5
29													21	23.5	23	25.5
30													21	22.5	23	
31													21	22	22	2
32													21	21.5	22	
33													21	20.5	22	2
34													21	20	22	

Jam ke-	SUHU RUANG								SUHU RENDAH							
	A		B		C		D		A		B		C		D	
	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model
35													20	19.5	22	22.5
36													20	18.5	21	22
37													18	18	21	21.5
38													18	17.5	21	21
39													18	17	21	20.5
40													18	16.5	20	20
41													17	16	20	20
42													17	15.5	20	19.5
43													17	14.5	19	19
44													17	14	19	18.5
45													16	13.5	19	18
46													16	13.5	19	18
47													16	13	19	17.5
48													16	12.5	19	17
49													15	12	18	16.5
50													15	11.5	18	16.5
51													14	11	17	16
52													12	10.5	17	15.5
53													12	10.5	17	15.5
54													12	10	16	15
55													11	9.5	16	14.5
56													11	9.5	16	14.5
57													9	9	15	14
58													9	8.5	15	14
59													5	8.5	15	13.5
60													5	8	15	13
61													5	7.5	15	13
62													5	7.5	15	12.5
63													5	7	14	12.5
64													5	7	14	12
65													5	6.5	14	12
66													5	6.5	14	11
67													5	6	14	11
68													5	6	14	
69													5	5.5	14	
70													5	5.5	12	10
71													5	5.5	12	10

Jam ke-	SUHU RUANG															
	A		B		C		D		A		B		C		D	
	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model
72													5	5	12	10.5
73													5	5	12	10
74													4	4.5	11	10
75													4	4.5	11	9.5
76													4	4.5	11	9.5
77													4	4	10	9
78													3	4	10	9
79													3	4	10	9
80													3	3.5	10	8.5
81													3	3.5	10	8.5
82													3	3.5	10	8.5
83													3	3.5	9	8
84													3	3	8	8
85													3	3	7	8
86													3	3	7	7.5
87													2	3	7	7.5
88													2	2.5	6	7.5
89													2	2.5	6	7
90													0	2.5	6	7
91															6	7
92															3	7
93															1	6.5
94															1	6.5
95															1	6.5
96															1	6
97															0	6

Keterangan :
A : Tanpa Kemasan
B : Kemasan Plastik Perforasi
C : Kemasan plastik 0.01 mm
D : Kemasan plastik 0.05 mm

Lampiran 5. Perbandingan Jumlah Cabai yang Tidak Rusak Antara Observasi vs Model Berdasarkan Model Log Logistik

Jam ke-	SUHU RUANG								SUHU RENDAH							
	A		B		C		D		A		B		C		D	
	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model
1	50	50	50	50	50	50	50	50	50	50	50	50	50	49.5	50	48.5
2	42	49.5	50	50	49	49	50	50	50	50	49	50	50	48.5	50	47.5
3	40	48	48	50	46	47	49	50	47	50	49	49.5	50	47.5	50	46.5
4	40	45.5	48	49.5	43	44	49	50	46	50	49	49	48	46.5	50	45
5	40	41	48	49	42	40.5	45	49.5	45	49.5	49	48.5	48	45.5	50	44
6	35	35.5	44	47.5	40	36.5	44	49	45	49	49	47.5	48	44.5	50	43
7	32	29.5	38	44.5	27	32.5	43	48	45	47	48	46.5	43	43.5	47	42
8	28	24	37	40	26	28.5	42	46	42	42.5	46	45	43	42.5	46	41
9	28	19	36	34	23	24.5	40	43.5	40	33	45	43	43	41.5	45	40
10	9	15	28	27.5	21	21.5	39	40	15	20.5	45	41	42	40.5	39	39.5
11	9	12	28	21.5	21	18.5	36	36	9	10	35	38.5	40	39.5	36	38.5
12	9	9.5	23	16.5	20	16	34	31.5	6	4	33	36	40	38.5	36	37.5
13	8	7.5	9	12	16	14	34	27	3	1.5	28	33	40	37.5	34	36.5
14	4	6	3	9	14	12	30	23	3	0.5	27	30	34	36.5	34	36
15	2	5	3	6.5	14	10.5	14	19	3	0	27	27	34	35.5	34	35
16	0	4	3	5	10	9	14	15.5	0	0	27	24	34	34.5	34	34.5
17			0	3.5	6	8	10	12.5			22	21	32	33.5	34	33.5
18					6	7	8	10.5			20	18	32	32.5	34	33
19					6	6.5	8	8.5			20	15.5	32	32	31	32
20					4	5.5	6	7			11	13	30	31	29	31.5
21					3	5	5	5.5			10	10.5	28	30	27	30.5
22					3	4.5	5	4.5			10	8.5	27	29	27	30
23					2	4	5	4			9	7	26	28	26	29.5
24					0	4	1	3			4	5.5	24	27.5	25	28.5
25							0	2.5			2	4	24	26.5	25	28
26											0	3	24	26	24	27.5
27													24	25	24	27
28													23	24	23	26.5
29													21	23.5	23	25.5
30													21	22.5	23	25
31													21	22	22	24.5
32													21	21.5	22	24
33													21	20.5	22	23.5
34													20	20	22	23
35														19.5	22	22.5

Jam ke-	SUHU RUANG								SUHU RENDAH							
	A		B		C		D		A		B		C		D	
	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model
36																
37													20	18.5	21	22
38													18	18	21	21.5
39													18	17.5	21	21
40													18	17	21	20.5
41													18	16.5	20	20
42													17	16	20	20
43													17	15.5	20	19.5
44													17	14.5	19	19
45													17	14	19	18.5
46													16	13.5	19	18
47													16	13.5	19	18
48													16	13	19	17.5
49													16	12.5	19	17
50													15	12	18	16.5
51													15	11.5	18	16.5
52													14	11	17	16
53													12	10.5	17	15.5
54													12	10.5	17	15.5
55													12	10	16	15
56													11	9.5	16	14.5
57													11	9.5	16	14.5
58													9	9	15	14
59													9	8.5	15	14
60													5	8.5	15	13.5
61													5	8	15	13
62													5	7.5	15	13
63													5	7.5	15	12.5
64													5	7	14	12.5
65													5	7	14	12
66													5	6.5	14	12
67													5	6.5	14	11.5
68													5	6	14	11.5
69													5	6	14	11
70													5	5.5	14	11
71													5	5.5	12	10.5
72													5	5.5	12	10.5
73													5	5	12	10.5
													5	5	12	10

Jam ke-	SUHU RUANG															
	A		B		C		D		A		B		C		D	
	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model	observasi	model
74													4	4.5	11	10
75													4	4.5	11	9.5
76													4	4.5	11	9.5
77													4	4	10	9
78													3	4	10	9
79													3	4	10	9
80													3	3.5	10	8.5
81													3	3.5	10	8.5
82													3	3.5	10	8.5
83													3	3.5	9	8
84													3	3	8	8
85													3	3	7	8
86													3	3	7	7.5
87													2	3	7	7.5
88													2	2.5	6	7.5
89													2	2.5	6	7
90													0	2.5	6	7
91															6	7
92															3	7
93															1	6.5
94															1	6.5
95															1	6.5
96															1	6
97															0	6

Keterangan :
A : Tanpa Kemasan
B : Kemasan Plastik Perforasi
C : Kemasan plastik 0.01 mm
D : Kemasan plastik 0.05 mm

Lampiran 6.Uji Perbandingan Antar Perlakuan dengan Metode Likehood Ratio (LR) Test" Model Distribusi Respon Logistik pada Kondisi Penyimpanan Ruang Terbuka

Jam ke -	C 1			A 1	
	Observasi	Model	Residual	Observasi	Residual
1.00	1.00	0.91	0.09	1.00	0.09
2.00	0.98	0.89	0.09	0.84	-0.05
3.00	0.92	0.86	0.06	0.80	-0.06
4.00	0.86	0.82	0.04	0.80	-0.02
5.00	0.84	0.78	0.06	0.80	0.02
6.00	0.80	0.73	0.07	0.70	-0.03
7.00	0.54	0.68	-0.14	0.64	-0.04
8.00	0.52	0.62	-0.10	0.56	-0.06
9.00	0.46	0.55	-0.09	0.56	0.01
10.00	0.42	0.49	-0.07	0.18	-0.31
11.00	0.42	0.42	0.00	0.18	-0.24
12.00	0.40	0.36	0.04	0.18	-0.18
13.00	0.32	0.30	0.02	0.16	-0.14
14.00	0.28	0.25	0.03	0.08	-0.17
15.00	0.28	0.21	0.07	0.04	-0.17
16.00	0.20	0.17	0.03	0.00	-0.17
17.00	0.12	0.13	-0.01	0.00	-0.13
18.00	0.12	0.11	0.01	0.00	-0.11
19.00	0.12	0.08	0.04	0.00	-0.08
20.00	0.08	0.07	0.01	0.00	-0.07
21.00	0.06	0.05	0.01	0.00	-0.05
22.00	0.06	0.04	0.02	0.00	-0.04
23.00	0.04	0.03	0.01	0.00	-0.03
24.00	0.00	0.02	-0.02	0.00	-0.02
LR =	2.32	$\sum \lvert e \rvert$	1.13	$\sum \lvert e \rvert$	2.29

Jam ke -	D 1			A 1	
	Observasi	Model	Residual	Observasi	Residual
1.00	1.00	0.99	0.01	1.00	0.01
2.00	1.00	0.98	0.02	0.84	-0.14
3.00	0.98	0.97	0.01	0.80	-0.17
4.00	0.98	0.96	0.02	0.80	-0.16
5.00	0.90	0.95	-0.05	0.80	-0.15
6.00	0.88	0.93	-0.05	0.70	-0.23
7.00	0.86	0.91	-0.05	0.64	-0.27
8.00	0.84	0.87	-0.03	0.56	-0.31
9.00	0.80	0.83	-0.03	0.56	-0.27
10.00	0.78	0.78	0.00	0.18	-0.60
11.00	0.72	0.72	0.00	0.18	-0.54
12.00	0.68	0.65	0.03	0.18	-0.47
13.00	0.68	0.57	0.11	0.16	-0.41
14.00	0.60	0.48	0.12	0.08	-0.40
15.00	0.28	0.40	-0.12	0.04	-0.36
16.00	0.28	0.33	-0.05	0.00	-0.33
17.00	0.20	0.26	-0.06	0.00	-0.26
18.00	0.16	0.20	-0.04	0.00	-0.20
19.00	0.16	0.15	0.01	0.00	-0.15
20.00	0.12	0.11	0.01	0.00	-0.11
21.00	0.10	0.08	0.02	0.00	-0.08
22.00	0.10	0.06	0.04	0.00	-0.06
23.00	0.10	0.04	0.06	0.00	-0.04
24.00	0.02	0.03	-0.01	0.00	-0.03
25.00	0.00	0.02	-0.02	0.00	-0.02
LR =	9.60	$\sum \lvert e \rvert$	0.97	$\sum \lvert e \rvert$	5.77

Jam ke -	C 1			B 1	
	Observasi	Model	Residual	Observasi	Residual
1.00	1.00	0.91	0.09	1.00	0.09
2.00	0.98	0.89	0.09	1.00	0.11
3.00	0.92	0.86	0.06	0.96	0.10
4.00	0.86	0.82	0.04	0.96	0.14
5.00	0.84	0.78	0.06	0.96	0.18
6.00	0.80	0.73	0.07	0.88	0.15
7.00	0.54	0.68	-0.14	0.76	0.08
8.00	0.52	0.62	-0.10	0.74	0.12
9.00	0.46	0.55	-0.09	0.72	0.17
10.00	0.42	0.49	-0.07	0.56	0.07
11.00	0.42	0.42	0.00	0.56	0.14
12.00	0.40	0.36	0.04	0.46	0.10
13.00	0.32	0.30	0.02	0.18	-0.12
14.00	0.28	0.25	0.03	0.06	-0.19
15.00	0.28	0.21	0.07	0.06	-0.15
16.00	0.20	0.17	0.03	0.06	-0.11
17.00	0.12	0.13	-0.01	0.00	-0.13
18.00	0.12	0.11	0.01	0.00	-0.11
19.00	0.12	0.08	0.04	0.00	-0.08
20.00	0.08	0.07	0.01	0.00	-0.07
21.00	0.06	0.05	0.01	0.00	-0.05
22.00	0.06	0.04	0.02	0.00	-0.04
23.00	0.04	0.03	0.01	0.00	-0.03
24.00	0.00	0.02	-0.02	0.00	-0.02
LR =	2.84	$\sum \lvert e \rvert$	1.13	$\sum \lvert e \rvert$	2.55

Uji Perbandingan Antar Perlakuan dengan Metode Likehood Ratio (LR) Test" Model Distribusi Respon Logistik pada Kondisi Penyimpanan Ruang Terbuka

Jam ke -	B 1			A 1	
	Observasi	Model	Residual	Observasi	Residual
1.00	1.00	0.99	0.01	1.00	0.01
2.00	1.00	0.99	0.01	0.84	-0.15
3.00	0.96	0.98	-0.02	0.80	-0.18
4.00	0.96	0.96	0.00	0.80	-0.16
5.00	0.96	0.94	0.02	0.80	-0.14
6.00	0.88	0.91	-0.03	0.70	-0.21
7.00	0.76	0.86	-0.10	0.64	-0.22
8.00	0.74	0.79	-0.05	0.56	-0.23
9.00	0.72	0.69	0.03	0.56	-0.13
10.00	0.56	0.58	-0.02	0.18	-0.40
11.00	0.56	0.46	0.10	0.18	-0.28
12.00	0.46	0.34	0.12	0.18	-0.16
13.00	0.18	0.24	-0.06	0.16	-0.08
14.00	0.06	0.16	-0.10	0.08	-0.08
15.00	0.06	0.11	-0.05	0.04	-0.07
16.00	0.06	0.07	-0.01	0.00	-0.07
17.00	0.00	0.04	-0.04	0.00	-0.04
LR =	3.68	$\sum \lvert e \rvert$	0.77	$\sum \lvert e \rvert$	2.61

Jam ke -	D 1			B 1	
	Observasi	Model	Residual	Observasi	Residual
1.00	1.00	0.99	0.01	1.00	0.01
2.00	1.00	0.98	0.02	1.00	0.02
3.00	0.98	0.97	0.01	0.96	-0.01
4.00	0.98	0.96	0.02	0.96	0.00
5.00	0.90	0.95	-0.05	0.96	0.01
6.00	0.88	0.93	-0.05	0.88	-0.05
7.00	0.86	0.91	-0.05	0.76	-0.15
8.00	0.84	0.87	-0.03	0.74	-0.13
9.00	0.80	0.83	-0.03	0.72	-0.11
10.00	0.78	0.78	0.00	0.56	-0.22
11.00	0.72	0.72	0.00	0.56	-0.16
12.00	0.68	0.65	0.03	0.46	-0.19
13.00	0.68	0.57	0.11	0.18	-0.39
14.00	0.60	0.48	0.12	0.06	-0.42
15.00	0.28	0.40	-0.12	0.06	-0.34
16.00	0.28	0.33	-0.05	0.06	-0.27
17.00	0.20	0.26	-0.06	0.00	-0.26
18.00	0.16	0.20	-0.04	0.00	-0.20
19.00	0.16	0.15	0.01	0.00	-0.15
20.00	0.12	0.11	0.01	0.00	-0.11
21.00	0.10	0.08	0.02	0.00	-0.08
22.00	0.10	0.06	0.04	0.00	-0.06
23.00	0.10	0.04	0.06	0.00	-0.04
24.00	0.02	0.03	-0.01	0.00	-0.03
25.00	0.00	0.02	-0.02	0.00	-0.02
LR =	4.92	$\sum \lvert e \rvert$	0.97	$\sum \lvert e \rvert$	3.43

Jam ke -	D 1			C 1	
	Observasi	Model	Residual	Observasi	Residual
1.00	1.00	0.99	0.01	1.00	0.01
2.00	1.00	0.98	0.02	0.98	0.00
3.00	0.98	0.97	0.01	0.92	-0.05
4.00	0.98	0.96	0.02	0.86	-0.10
5.00	0.90	0.95	-0.05	0.84	-0.11
6.00	0.88	0.93	-0.05	0.80	-0.13
7.00	0.86	0.91	-0.05	0.54	-0.37
8.00	0.84	0.87	-0.03	0.52	-0.35
9.00	0.80	0.83	-0.03	0.46	-0.37
10.00	0.78	0.78	0.00	0.42	-0.36
11.00	0.72	0.72	0.00	0.42	-0.30
12.00	0.68	0.65	0.03	0.40	-0.25
13.00	0.68	0.57	0.11	0.32	-0.25
14.00	0.60	0.48	0.12	0.28	-0.20
15.00	0.28	0.40	-0.12	0.28	-0.12
16.00	0.28	0.33	-0.05	0.20	-0.13
17.00	0.20	0.26	-0.06	0.12	-0.14
18.00	0.16	0.20	-0.04	0.12	-0.08
19.00	0.16	0.15	0.01	0.12	-0.03
20.00	0.12	0.11	0.01	0.08	-0.03
21.00	0.10	0.08	0.02	0.06	-0.02
22.00	0.10	0.06	0.04	0.06	0.00
23.00	0.10	0.04	0.06	0.04	0.00
24.00	0.02	0.03	-0.01	0.00	-0.03
25.00	0.00	0.02	-0.02	0.00	-0.02
LR =	4.96	$\sum \lvert e \rvert$	0.97	$\sum \lvert e \rvert$	3.45

Lampiran 7. Uji Perbandingan Antar Perlakuan dengan Metode Likehood Ratio (LR) Test" Model Distribusi Respon Logistik pada Kondisi Penyimpanan Refrigerator

Jam ke -	B 2			A 2	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	0.98	0.02	1.00	0.02
2	0.98	0.97	0.01	1.00	0.03
3	0.98	0.97	0.01	0.94	-0.03
4	0.98	0.96	0.02	0.92	-0.04
5	0.98	0.94	0.04	0.90	-0.04
6	0.98	0.93	0.05	0.90	-0.03
7	0.96	0.91	0.05	0.90	-0.01
8	0.92	0.88	0.04	0.84	-0.04
9	0.90	0.85	0.05	0.80	-0.05
10	0.90	0.82	0.08	0.30	-0.52
11	0.70	0.78	-0.08	0.18	-0.60
12	0.66	0.73	-0.07	0.12	-0.61
13	0.56	0.67	-0.11	0.06	-0.61
14	0.54	0.62	-0.08	0.06	-0.56
15	0.54	0.55	-0.01	0.06	-0.49
16	0.54	0.49	0.05	0.00	-0.49
17	0.44	0.42	0.02	0.00	-0.42
18	0.40	0.36	0.04	0.00	-0.36
19	0.40	0.30	0.10	0.00	-0.30
20	0.22	0.25	-0.03	0.00	-0.25
21	0.20	0.21	-0.01	0.00	-0.21
22	0.20	0.17	0.03	0.00	-0.17
23	0.18	0.13	0.05	0.00	-0.13
24	0.08	0.11	-0.03	0.00	-0.11
25	0.04	0.08	-0.04	0.00	-0.08
26	0.00	0.07	-0.07	0.00	-0.07
LR =	10.16		$\sum \lvert e \rvert$	1.19	$\sum \lvert e \rvert$ 6.27

Jam ke -	C 2			A 2	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	0.86	0.14	1.00	0.14
2	1.00	0.85	0.15	1.00	0.15
3	1.00	0.84	0.16	0.94	0.10
4	0.96	0.83	0.13	0.92	0.09
5	0.96	0.82	0.14	0.90	0.08
6	0.96	0.81	0.15	0.90	0.09
7	0.86	0.81	0.05	0.90	0.09
8	0.86	0.80	0.06	0.84	0.04
9	0.86	0.79	0.07	0.80	0.01
10	0.84	0.77	0.07	0.30	-0.47
11	0.80	0.76	0.04	0.18	-0.58
12	0.80	0.75	0.05	0.12	-0.63
13	0.80	0.74	0.06	0.06	-0.68
14	0.68	0.73	-0.05	0.06	-0.67
15	0.68	0.72	-0.04	0.06	-0.66
16	0.68	0.70	-0.02	0.00	-0.70
17	0.64	0.69	-0.05	0.00	-0.69
18	0.64	0.68	-0.04	0.00	-0.68
19	0.64	0.66	-0.02	0.00	-0.66
20	0.60	0.65	-0.05	0.00	-0.65
21	0.56	0.64	-0.08	0.00	-0.64
22	0.54	0.62	-0.08	0.00	-0.62
23	0.52	0.61	-0.09	0.00	-0.61
24	0.48	0.59	-0.11	0.00	-0.59
25	0.48	0.58	-0.10	0.00	-0.58
26	0.48	0.56	-0.08	0.00	-0.56
27	0.48	0.55	-0.07	0.00	-0.55
28	0.46	0.53	-0.07	0.00	-0.53
29	0.42	0.52	-0.10	0.00	-0.52
30	0.42	0.50	-0.08	0.00	-0.50
31	0.42	0.49	-0.07	0.00	-0.49

Jam ke -	C 2			B 2	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	0.86	0.14	1.00	0.14
2	1.00	0.85	0.15	0.98	0.13
3	1.00	0.84	0.16	0.98	0.14
4	0.96	0.83	0.13	0.98	0.15
5	0.96	0.82	0.14	0.98	0.16
6	0.96	0.81	0.15	0.98	0.17
7	0.86	0.81	0.05	0.96	0.15
8	0.86	0.80	0.06	0.92	0.12
9	0.86	0.79	0.07	0.90	0.11
10	0.84	0.77	0.07	0.90	0.13
11	0.80	0.76	0.04	0.70	-0.06
12	0.80	0.75	0.05	0.66	-0.09
13	0.80	0.74	0.06	0.56	-0.18
14	0.68	0.73	-0.05	0.54	-0.19
15	0.68	0.72	-0.04	0.54	-0.18
16	0.68	0.70	-0.02	0.54	-0.16
17	0.64	0.69	-0.05	0.44	-0.25
18	0.64	0.68	-0.04	0.40	-0.28
19	0.64	0.66	-0.02	0.40	-0.26
20	0.60	0.65	-0.05	0.22	-0.43
21	0.56	0.64	-0.08	0.20	-0.44
22	0.54	0.62	-0.08	0.20	-0.42
23	0.52	0.61	-0.09	0.18	-0.43
24	0.48	0.59	-0.11	0.08	-0.51
25	0.48	0.58	-0.10	0.04	-0.54
26	0.48	0.56	-0.08	0.00	-0.56
27	0.48	0.55	-0.07	0.00	-0.55
28	0.46	0.53	-0.07	0.00	-0.53
29	0.42	0.52	-0.10	0.00	-0.52
30	0.42	0.50	-0.08	0.00	-0.
31	0.42	0.49	-0.07	0.00	-0.

Jam ke -	C 2			A 2		Jam ke -	C 2			B 2	
	Observasi	Model	Residual	Observasi	Residual		Observasi	Model	Residual	Observasi	Residual
32	0.42	0.47	-0.05	0.00	-0.47	32	0.42	0.47	-0.05	0.00	-0.47
33	0.42	0.45	-0.03	0.00	-0.45	33	0.42	0.45	-0.03	0.00	-0.45
34	0.42	0.44	-0.02	0.00	-0.44	34	0.42	0.44	-0.02	0.00	-0.44
35	0.40	0.42	-0.02	0.00	-0.42	35	0.40	0.42	-0.02	0.00	-0.42
36	0.40	0.41	-0.01	0.00	-0.41	36	0.40	0.41	-0.01	0.00	-0.41
37	0.36	0.39	-0.03	0.00	-0.39	37	0.36	0.39	-0.03	0.00	-0.39
38	0.36	0.38	-0.02	0.00	-0.38	38	0.36	0.38	-0.02	0.00	-0.38
39	0.36	0.37	-0.01	0.00	-0.37	39	0.36	0.37	-0.01	0.00	-0.37
40	0.36	0.35	0.01	0.00	-0.35	40	0.36	0.35	0.01	0.00	-0.35
41	0.34	0.34	0.00	0.00	-0.34	41	0.34	0.34	0.00	0.00	-0.34
42	0.34	0.32	0.02	0.00	-0.32	42	0.34	0.32	0.02	0.00	-0.32
43	0.34	0.31	0.03	0.00	-0.31	43	0.34	0.31	0.03	0.00	-0.31
44	0.34	0.30	0.04	0.00	-0.30	44	0.34	0.30	0.04	0.00	-0.30
45	0.32	0.29	0.03	0.00	-0.29	45	0.32	0.29	0.03	0.00	-0.29
46	0.32	0.27	0.05	0.00	-0.27	46	0.32	0.27	0.05	0.00	-0.27
47	0.32	0.26	0.06	0.00	-0.26	47	0.32	0.26	0.06	0.00	-0.26
48	0.32	0.25	0.07	0.00	-0.25	48	0.32	0.25	0.07	0.00	-0.25
49	0.30	0.24	0.06	0.00	-0.24	49	0.30	0.24	0.06	0.00	-0.24
50	0.30	0.23	0.07	0.00	-0.23	50	0.30	0.23	0.07	0.00	-0.23
51	0.28	0.22	0.06	0.00	-0.22	51	0.28	0.22	0.06	0.00	-0.22
52	0.24	0.21	0.03	0.00	-0.21	52	0.24	0.21	0.03	0.00	-0.21
53	0.24	0.20	0.04	0.00	-0.20	53	0.24	0.20	0.04	0.00	-0.20
54	0.24	0.19	0.05	0.00	-0.19	54	0.24	0.19	0.05	0.00	-0.19
55	0.22	0.18	0.04	0.00	-0.18	55	0.22	0.18	0.04	0.00	-0.18
56	0.22	0.17	0.05	0.00	-0.17	56	0.22	0.17	0.05	0.00	-0.17
57	0.18	0.16	0.02	0.00	-0.16	57	0.18	0.16	0.02	0.00	-0.16
58	0.18	0.15	0.03	0.00	-0.15	58	0.18	0.15	0.03	0.00	-0.15
59	0.10	0.14	-0.04	0.00	-0.14	59	0.10	0.14	-0.04	0.00	-0.14
60	0.10	0.14	-0.04	0.00	-0.14	60	0.10	0.14	-0.04	0.00	-0.14
61	0.10	0.13	-0.03	0.00	-0.13	61	0.10	0.13	-0.03	0.00	-0.13
62	0.10	0.12	-0.02	0.00	-0.12	62	0.10	0.12	-0.02	0.00	-0.12
63	0.10	0.12	-0.02	0.00	-0.12	63	0.10	0.12	-0.02	0.00	-0.
64	0.10	0.11	-0.01	0.00	-0.11	64	0.10	0.11	-0.01	0.00	-0.

Jam ke -	C 2			A 2	
	Observasi	Model	Residual	Observasi	Residual
65	0.10	0.10	0.00	0.00	-0.10
66	0.10	0.10	0.00	0.00	-0.10
67	0.10	0.09	0.01	0.00	-0.09
68	0.10	0.09	0.01	0.00	-0.09
69	0.10	0.08	0.02	0.00	-0.08
70	0.10	0.08	0.02	0.00	-0.08
71	0.10	0.07	0.03	0.00	-0.07
72	0.10	0.07	0.03	0.00	-0.07
73	0.10	0.07	0.03	0.00	-0.07
74	0.08	0.06	0.02	0.00	-0.06
75	0.08	0.06	0.02	0.00	-0.06
76	0.08	0.06	0.02	0.00	-0.06
77	0.08	0.05	0.03	0.00	-0.05
78	0.06	0.05	0.01	0.00	-0.05
79	0.06	0.05	0.01	0.00	-0.05
80	0.06	0.04	0.02	0.00	-0.04
81	0.06	0.04	0.02	0.00	-0.04
82	0.06	0.04	0.02	0.00	-0.04
83	0.06	0.04	0.02	0.00	-0.04
84	0.06	0.03	0.03	0.00	-0.03
85	0.06	0.03	0.03	0.00	-0.03
86	0.06	0.03	0.03	0.00	-0.03
87	0.04	0.03	0.01	0.00	-0.03
88	0.04	0.03	0.01	0.00	-0.03
89	0.04	0.03	0.01	0.00	-0.03
90	0.00	0.02	-0.02	0.00	-0.02
LR =	40.32	$\sum \lvert e \rvert$	4.06	$\sum \lvert e \rvert$	24.22

Jam ke -	C 2			B 2	
	Observasi	Model	Residual	Observasi	Residual
65	0.10	0.10	0.00	0.00	-0.10
66	0.10	0.10	0.00	0.00	-0.10
67	0.10	0.09	0.01	0.00	-0.09
68	0.10	0.09	0.01	0.00	-0.09
69	0.10	0.08	0.02	0.00	-0.08
70	0.10	0.08	0.02	0.00	-0.08
71	0.10	0.07	0.03	0.00	-0.07
72	0.10	0.07	0.03	0.00	-0.07
73	0.10	0.07	0.03	0.00	-0.07
74	0.08	0.06	0.02	0.00	-0.06
75	0.08	0.06	0.02	0.00	-0.06
76	0.08	0.06	0.02	0.00	-0.06
77	0.08	0.05	0.03	0.00	-0.05
78	0.06	0.05	0.01	0.00	-0.05
79	0.06	0.05	0.01	0.00	-0.05
80	0.06	0.04	0.02	0.00	-0.04
81	0.06	0.04	0.02	0.00	-0.04
82	0.06	0.04	0.02	0.00	-0.04
83	0.06	0.04	0.02	0.00	-0.04
84	0.06	0.03	0.03	0.00	-0.03
85	0.06	0.03	0.03	0.00	-0.03
86	0.06	0.03	0.03	0.00	-0.03
87	0.04	0.03	0.01	0.00	-0.03
88	0.04	0.03	0.01	0.00	-0.03
89	0.04	0.03	0.01	0.00	-0.03
90	0.00	0.02	-0.02	0.00	-0.02
LR =	36.44	$\sum \lvert e \rvert$	0.92	$\sum \lvert e \rvert$	19.14

Jam ke -	D 2			A 2	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	0.80	0.20	1.00	0.20
2	1.00	0.80	0.20	1.00	0.20
3	1.00	0.79	0.21	0.94	0.15
4	1.00	0.78	0.22	0.92	0.14
5	1.00	0.78	0.22	0.90	0.12
6	1.00	0.77	0.23	0.90	0.13
7	0.94	0.76	0.18	0.90	0.14
8	0.92	0.75	0.17	0.84	0.09
9	0.90	0.75	0.15	0.80	0.05
10	0.78	0.74	0.04	0.30	-0.44
11	0.72	0.73	-0.01	0.18	-0.55
12	0.72	0.72	0.00	0.12	-0.60
13	0.68	0.71	-0.03	0.06	-0.65
14	0.68	0.71	-0.03	0.06	-0.65
15	0.68	0.70	-0.02	0.06	-0.64
16	0.68	0.69	-0.01	0.00	-0.69
17	0.68	0.68	0.00	0.00	-0.68
18	0.68	0.67	0.01	0.00	-0.67
19	0.62	0.66	-0.04	0.00	-0.66
20	0.58	0.65	-0.07	0.00	-0.65
21	0.54	0.64	-0.10	0.00	-0.64
22	0.54	0.63	-0.09	0.00	-0.63
23	0.52	0.62	-0.10	0.00	-0.62
24	0.50	0.61	-0.11	0.00	-0.61
25	0.50	0.60	-0.10	0.00	-0.60
26	0.48	0.59	-0.11	0.00	-0.59
27	0.48	0.58	-0.10	0.00	-0.58
28	0.46	0.57	-0.11	0.00	-0.57
29	0.46	0.57	-0.11	0.00	-0.57
30	0.46	0.55	-0.09	0.00	-0.55
31	0.44	0.54	-0.10	0.00	-0.54
32	0.44	0.53	-0.09	0.00	-0.53
33	0.44	0.52	-0.08	0.00	-0.52
34	0.44	0.51	-0.07	0.00	-0.51
35	0.44	0.50	-0.06	0.00	-0.50
36	0.42	0.49	-0.07	0.00	-0.49
37	0.42	0.48	-0.06	0.00	-0.48
38	0.42	0.47	-0.05	0.00	-0.47
39	0.42	0.46	-0.04	0.00	-0.46
40	0.40	0.45	-0.05	0.00	-0.45

Jam ke -	D 2			B 2	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	0.80	0.20	1.00	0.20
2	1.00	0.80	0.20	0.98	0.18
3	1.00	0.79	0.21	0.98	0.19
4	1.00	0.78	0.22	0.98	0.20
5	1.00	0.78	0.22	0.98	0.20
6	1.00	0.77	0.23	0.98	0.21
7	0.94	0.76	0.18	0.96	0.20
8	0.92	0.75	0.17	0.92	0.17
9	0.90	0.75	0.15	0.90	0.15
10	0.78	0.74	0.04	0.90	0.16
11	0.72	0.73	-0.01	0.70	-0.03
12	0.72	0.72	0.00	0.66	-0.06
13	0.68	0.71	-0.03	0.56	-0.15
14	0.68	0.71	-0.03	0.54	-0.17
15	0.68	0.70	-0.02	0.54	-0.16
16	0.68	0.69	-0.01	0.54	-0.15
17	0.68	0.68	0.00	0.44	-0.24
18	0.68	0.67	0.01	0.40	-0.27
19	0.62	0.66	-0.04	0.40	-0.26
20	0.58	0.65	-0.07	0.22	-0.43
21	0.54	0.64	-0.10	0.20	-0.44
22	0.54	0.63	-0.09	0.20	-0.43
23	0.52	0.62	-0.10	0.18	-0.44
24	0.50	0.61	-0.11	0.08	-0.53
25	0.50	0.60	-0.10	0.04	-0.56
26	0.48	0.59	-0.11	0.00	-0.59
27	0.48	0.58	-0.10	0.00	-0.58
28	0.46	0.57	-0.11	0.00	-0.57
29	0.46	0.57	-0.11	0.00	-0.57
30	0.46	0.55	-0.09	0.00	-0.55
31	0.44	0.54	-0.10	0.00	-0.54
32	0.44	0.53	-0.09	0.00	-0.53
33	0.44	0.52	-0.08	0.00	-0.52
34	0.44	0.51	-0.07	0.00	-0.51
35	0.44	0.50	-0.06	0.00	-0.50
36	0.42	0.49	-0.07	0.00	-0.49
37	0.42	0.48	-0.06	0.00	-0.48
38	0.42	0.47	-0.05	0.00	-0.47
39	0.42	0.46	-0.04	0.00	-0.46
40	0.40	0.45	-0.05	0.00	-0.45

Jam ke -	D 2			C 2	
	Observasi	Model	Residual	Observasi	Residual
1.00	1.00	0.80	0.20	1.00	0.20
2.00	1.00	0.80	0.20	1.00	0.20
3.00	1.00	0.79	0.21	1.00	0.21
4.00	1.00	0.78	0.22	0.96	0.18
5.00	1.00	0.78	0.22	0.96	0.18
6.00	1.00	0.77	0.23	0.96	0.19
7.00	0.94	0.76	0.18	0.86	0.10
8.00	0.92	0.75	0.17	0.86	0.11
9.00	0.90	0.75	0.15	0.86	0.11
10.00	0.78	0.74	0.04	0.84	0.10
11.00	0.72	0.73	-0.01	0.80	0.07
12.00	0.72	0.72	0.00	0.80	0.08
13.00	0.68	0.71	-0.03	0.80	0.09
14.00	0.68	0.71	-0.03	0.68	-0.03
15.00	0.68	0.70	-0.02	0.68	-0.02
16.00	0.68	0.69	-0.01	0.68	-0.01
17.00	0.68	0.68	0.00	0.64	-0.04
18.00	0.68	0.67	0.01	0.64	-0.03
19.00	0.62	0.66	-0.04	0.64	-0.02
20.00	0.58	0.65	-0.07	0.60	-0.05
21.00	0.54	0.64	-0.10	0.56	-0.08
22.00	0.54	0.63	-0.09	0.54	-0.09
23.00	0.52	0.62	-0.10	0.52	-0.10
24.00	0.50	0.61	-0.11	0.48	-0.13
25.00	0.50	0.60	-0.10	0.48	-0.12
26.00	0.48	0.59	-0.11	0.48	-0.11
27.00	0.48	0.58	-0.10	0.48	-0.10
28.00	0.46	0.57	-0.11	0.46	-0.11
29.00	0.46	0.57	-0.11	0.42	-0.15
30.00	0.46	0.55	-0.09	0.42	-0.13
31.00	0.44	0.54	-0.10	0.42	-0.12
32.00	0.44	0.53	-0.09	0.42	-0.11
33.00	0.44	0.52	-0.08	0.42	-0.10
34.00	0.44	0.51	-0.07	0.42	
35.00	0.44	0.50	-0.06	0.40	
36.00	0.42	0.49	-0.07	0.40	
37.00	0.42	0.48	-0.06	0.36	
38.00	0.42	0.47	-0.05	0.36	
39.00	0.42	0.46	-0.04	0.36	
40.00	0.40	0.45	-0.05	0.36	-0.09

Jam ke -	D 2			A 2	
	Observasi	Model	Residual	Observasi	Residual
41	0.40	0.44	-0.04	0.00	-0.44
42	0.40	0.43	-0.03	0.00	-0.43
43	0.38	0.42	-0.04	0.00	-0.42
44	0.38	0.41	-0.03	0.00	-0.41
45	0.38	0.40	-0.02	0.00	-0.40
46	0.38	0.39	-0.01	0.00	-0.39
47	0.38	0.38	0.00	0.00	-0.38
48	0.38	0.37	0.01	0.00	-0.37
49	0.36	0.37	-0.01	0.00	-0.37
50	0.36	0.36	0.00	0.00	-0.36
51	0.34	0.35	-0.01	0.00	-0.35
52	0.34	0.34	0.00	0.00	-0.34
53	0.34	0.33	0.01	0.00	-0.33
54	0.32	0.32	0.00	0.00	-0.32
55	0.32	0.31	0.01	0.00	-0.31
56	0.32	0.30	0.02	0.00	-0.30
57	0.30	0.29	0.01	0.00	-0.29
58	0.30	0.29	0.01	0.00	-0.29
59	0.30	0.28	0.02	0.00	-0.28
60	0.30	0.27	0.03	0.00	-0.27
61	0.30	0.26	0.04	0.00	-0.26
62	0.30	0.25	0.05	0.00	-0.25
63	0.28	0.25	0.03	0.00	-0.25
64	0.28	0.24	0.04	0.00	-0.24
65	0.28	0.23	0.05	0.00	-0.23
66	0.28	0.22	0.06	0.00	-0.22
67	0.28	0.22	0.06	0.00	-0.22
68	0.28	0.21	0.07	0.00	-0 21
69	0.28	0.20	0.08	0.00	-0.20
70	0.24	0.20	0.04	0.00	-0.20
71	0.24	0.19	0.05	0.00	-0.19
72	0.24	0.18	0.06	0.00	-0.18
73	0.24	0.18	0.06	0.00	-0.18
74	0.22	0.17	0.05	0.00	-0.17
75	0.22	0.17	0.05	0.00	-0.17
76	0.22	0.16	0.06	0.00	-0.16
77	0.20	0.16	0.04	0.00	-0.16
78	0.20	0.15	0.05	0.00	-0.15
79	0.20	0.14	0.06	0.00	-0.14
80	0.20	0.14	0.06	0.00	-0.14
81	0.20	0.14	0.06	0.00	-0.14
82	0.20	0.13	0.07	0.00	-0.13

Jam ke -	D 2			A 2	
	Observasi	Model	Residual	Observasi	Residual
41	0.40	0.44	-0.04	0.00	-0.44
42	0.40	0.43	-0.03	0.00	-0.43
43	0.38	0.42	-0.04	0.00	-0.42
44	0.38	0.41	-0.03	0.00	-0.41
45	0.38	0.40	-0.02	0.00	-0.40
46	0.38	0.39	-0.01	0.00	-0.39
47	0.38	0.38	0.00	0.00	-0.38
48	0.38	0.37	0.01	0.00	-0.37
49	0.36	0.37	-0.01	0.00	-0.37
50	0.36	0.36	0.00	0.00	-0.36
51	0.34	0.35	-0.01	0.00	-0.35
52	0.34	0.34	0.00	0.00	-0.34
53	0.34	0.33	0.01	0.00	-0.33
54	0.32	0.32	0.00	0.00	-0.32
55	0.32	0.31	0.01	0.00	-0.31
56	0.32	0.30	0.02	0.00	-0.30
57	0.30	0.29	0.01	0.00	-0.29
58	0.30	0.29	0.01	0.00	-0.29
59	0.30	0.28	0.02	0.00	-0.28
60	0.30	0.27	0.03	0.00	-0.27
61	0.30	0.26	0.04	0.00	-0.26
62	0.30	0.25	0.05	0.00	-0.25
63	0.28	0.25	0.03	0.00	-0.25
64	0.28	0.24	0.04	0.00	-0.24
65	0.28	0.23	0.05	0.00	-0.23
66	0.28	0.22	0.06	0.00	-0.22
67	0.28	0.22	0.06	0.00	-0.22
68	0.28	0.21	0.07	0.00	-0.21
69	0.28	0.20	0.08	0.00	-0.20
70	0.24	0.20	0.04	0.00	-0.20
71	0.24	0.19	0.05	0.00	-0.19
72	0.24	0.18	0.06	0.00	-0.18
73	0.24	0.18	0.06	0.00	-0.18
74	0.22	0.17	0.05	0.00	-0.17
75	0.22	0.17	0.05	0.00	-0.17
76	0.22	0.16	0.06	0.00	-0.16
77	0.20	0.16	0.04	0.00	-0.16
78	0.20	0.15	0.05	0.00	-0.15
79	0.20	0.14	0.06	0.00	-0.14
80	0.20	0.14	0.06	0.00	-0.14
81	0.20	0.14	0.06	0.00	-0.14
82	0.20	0.13	0.07	0.00	-0.13

Jam ke -					
	Observasi	Model	Residual	Observasi	Residual
41.00	0.40	0.44	-0.04	0.34	-0.10
42.00	0.40	0.43	-0.03	0.34	-0.09
43.00	0.38	0.42	-0.04	0.34	-0.08
44.00	0.38	0.41	-0.03	0.34	-0.07
45.00	0.38	0.40	-0.02	0.32	-0.08
46.00	0.38	0.39	-0.01	0.32	-0.07
47.00	0.38	0.38	0.00	0.32	-0.06
48.00	0.38	0.37	0.01	0.32	-0.05
49.00	0.36	0.37	-0.01	0.30	-0.07
50.00	0.36	0.36	0.00	0.30	-0.06
51.00	0.34	0.35	-0.01	0.28	-0.07
52.00	0.34	0.34	0.00	0.24	-0.10
53.00	0.34	0.33	0.01	0.24	-0.09
54.00	0.32	0.32	0.00	0.24	-0.08
55.00	0.32	0.31	0.01	0.22	-0.09
56.00	0.32	0.30	0.02	0.22	-0.08
57.00	0.30	0.29	0.01	0.18	-0.11
58.00	0.30	0.29	0.01	0.18	-0.11
59.00	0.30	0.28	0.02	0.10	-0.18
60.00	0.30	0.27	0.03	0.10	-0.17
61.00	0.30	0.26	0.04	0.10	-0.16
62.00	0.30	0.25	0.05	0.10	-0.15
63.00	0.28	0.25	0.03	0.10	-0.15
64.00	0.28	0.24	0.04	0.10	-0.14
65.00	0.28	0.23	0.05	0.10	-0.13
66.00	0.28	0.22	0.06	0.10	-0.12
67.00	0.28	0.22	0.06	0.10	-0.12
68.00	0.28	0.21	0.07	0.10	-0.11
69.00	0.28	0.20	0.08	0.10	-0.10
70.00	0.24	0.20	0.04	0.10	-0.10
71.00	0.24	0.19	0.05	0.10	-0.09
72.00	0.24	0.18	0.06	0.10	-0.08
73.00	0.24	0.18	0.06	0.10	-0.08
74.00	0.22	0.17	0.05	0.08	-0.09
75.00	0.22	0.17	0.05	0.08	
76.00	0.22	0.16	0.06	0.08	
77.00	0.20	0.16	0.04	0.08	
78.00	0.20	0.15	0.05	0.06	
79.00	0.20	0.14	0.06	0.06	
80.00	0.20	0.14	0.06	0.06	
81.00	0.20	0.14	0.06	0.06	-0.08
82.00	0.20	0.13	0.07	0.06	-0.07

Jam ke -	Observasi	Model	Residual	Observasi	Residual
83	0.18	0.13	0.05	0.00	-0.13
84	0.16	0.12	0.04	0.00	-0.12
85	0.14	0.12	0.02	0.00	-0.12
86	0.14	0.11	0.03	0.00	-0.11
87	0.14	0.11	0.03	0.00	-0.11
88	0.12	0.11	0.01	0.00	-0.11
89	0.12	0.10	0.02	0.00	-0.10
90	0.12	0.10	0.02	0.00	-0.10
91	0.12	0.09	0.03	0.00	-0.09
92	0.06	0.09	-0.03	0.00	-0.09
93	0.02	0.09	-0.07	0.00	-0.09
94	0.02	0.08	-0.06	0.00	-0.08
95	0.02	0.08	-0.06	0.00	-0.08
96	0.02	0.08	-0.06	0.00	-0.08
97	0.00	0.08	-0.08	0.00	-0.08
LR =	51.8	$\sum \lvert e \rvert$	5.84	$\sum \lvert e \rvert$	31.74

Jam ke -	Observasi	Model	Residual	Observasi	Residual
83	0.18	0.13	0.05	0.00	-0.13
84	0.16	0.12	0.04	0.00	-0.12
85	0.14	0.12	0.02	0.00	-0.12
86	0.14	0.11	0.03	0.00	-0.11
87	0.14	0.11	0.03	0.00	-0.11
88	0.12	0.11	0.01	0.00	-0.11
89	0.12	0.10	0.02	0.00	-0.10
90	0.12	0.10	0.02	0.00	-0.10
91	0.12	0.09	0.03	0.00	-0.09
92	0.06	0.09	-0.03	0.00	-0.09
93	0.02	0.09	-0.07	0.00	-0.09
94	0.02	0.08	-0.06	0.00	-0.08
95	0.02	0.08	-0.06	0.00	-0.08
96	0.02	0.08	-0.06	0.00	-0.08
97	0.00	0.08	-0.08	0.00	-0.08
LR =	41.76	$\sum \lvert e \rvert$	5.84	$\sum \lvert e \rvert$	26.72

Jam ke -	Observasi	Model	Residual	Observasi	Residual
83.00	0.18	0.13	0.05	0.06	-0.07
84.00	0.16	0.12	0.04	0.06	-0.06
85.00	0.14	0.12	0.02	0.06	-0.06
86.00	0.14	0.11	0.03	0.06	-0.05
87.00	0.14	0.11	0.03	0.04	-0.07
88.00	0.12	0.11	0.01	0.04	-0.07
89.00	0.12	0.10	0.02	0.04	-0.06
90.00	0.12	0.10	0.02	0.00	-0.10
91.00	0.12	0.09	0.03	0.00	-0.09
92.00	0.06	0.09	-0.03	0.00	-0.09
93.00	0.02	0.09	-0.07	0.00	-0.09
94.00	0.02	0.08	-0.06	0.00	-0.08
95.00	0.02	0.08	-0.06	0.00	-0.08
96.00	0.02	0.08	-0.06	0.00	-0.08
97.00	0.00	0.08	-0.08	0.00	-0.08
LR =	7.08	$\sum \lvert e \rvert$	5.84	$\sum \lvert e \rvert$	9.38

Lampiran 8. Uji Perbandingan Antar Perlakuan dengan Metode " Likehood Ratio (LR) Test" Model Distribusi Log Logistik pada Kondisi Penyimpanan Ruang Terbuka

Jam ke -	B 1			A 1	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	1.00	0.00	1.00	0.00
2	1.00	1.00	0.00	0.84	-0.16
3	0.96	1.00	-0.04	0.80	-0.20
4	0.96	0.99	-0.03	0.80	-0.19
5	0.96	0.98	-0.02	0.80	-0.18
6	0.88	0.95	-0.07	0.70	-0.25
7	0.76	0.89	-0.13	0.64	-0.25
8	0.74	0.80	-0.06	0.56	-0.24
9	0.72	0.68	0.04	0.56	-0.12
10	0.56	0.55	0.01	0.18	-0.37
11	0.56	0.43	0.13	0.18	-0.25
12	0.46	0.33	0.13	0.18	-0.15
13	0.18	0.24	-0.06	0.16	-0.08
14	0.06	0.18	-0.12	0.08	-0.10
15	0.06	0.13	-0.07	0.04	-0.09
16	0.06	0.10	-0.04	0.00	-0.10
17	0.00	0.07	-0.07	0.00	-0.07
LR =	3.56	$\sum \lvert e \rvert$	1.02	$\sum \lvert e \rvert$	2.80

Jam ke -	C 1			A 1	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	1.00	0.00	1.00	0.00
2	0.98	0.98	0.00	0.84	-0.14
3	0.92	0.94	-0.02	0.80	-0.14
4	0.86	0.88	-0.02	0.80	-0.08
5	0.84	0.81	0.03	0.80	-0.01
6	0.8	0.73	0.07	0.70	-0.03
7	0.54	0.65	-0.11	0.64	-0.01
8	0.52	0.57	-0.05	0.56	-0.01
9	0.46	0.49	-0.03	0.56	0.07
10	0.42	0.43	-0.01	0.18	-0.25
11	0.42	0.37	0.05	0.18	-0.19
12	0.4	0.32	0.08	0.18	-0.14
13	0.32	0.28	0.04	0.16	-0.12
14	0.28	0.24	0.04	0.08	-0.16
15	0.28	0.21	0.07	0.04	-0.17
16	0.2	0.18	0.02	0.00	-0.18
17	0.12	0.16	-0.04	0.00	-0.16
18	0.12	0.14	-0.02	0.00	-0.14
19	0.12	0.13	-0.01	0.00	-0.13
20	0.08	0.11	-0.03	0.00	-0.11
21	0.06	0.1	-0.04	0.00	-0.10
22	0.06	0.09	-0.03	0.00	-0.09
23	0.04	0.08	-0.04	0.00	-0.08
24	0.00	0.08	-0.08	0.00	-0.08
LR =	3.32	$\sum \lvert e \rvert$	0.93	$\sum \lvert e \rvert$	2.59

Jam ke -	D 1			A 1	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	1.00	0.00	1.00	0.00
2	1.00	1.00	0.00	0.84	-0.16
3	0.98	1.00	-0.02	0.80	-0.20
4	0.98	1.00	-0.02	0.80	-0.20
5	0.90	0.99	-0.09	0.80	-0.19
6	0.88	0.98	-0.10	0.70	-0.28
7	0.86	0.96	-0.10	0.64	-0.32
8	0.84	0.92	-0.08	0.56	-0.36
9	0.80	0.87	-0.07	0.56	-0.31
10	0.78	0.80	-0.02	0.18	-0.62
11	0.72	0.72	0.00	0.18	-0.54
12	0.68	0.63	0.05	0.18	-0.45
13	0.68	0.54	0.14	0.16	-0.38
14	0.60	0.46	0.14	0.08	-0.38
15	0.28	0.38	-0.10	0.04	-0.34
16	0.28	0.31	-0.03	0.00	-0.31
17	0.20	0.25	-0.05	0.00	-0.25
18	0.16	0.21	-0.05	0.00	-0.21
19	0.16	0.17	-0.01	0.00	-0.17
20	0.12	0.14	-0.02	0.00	-0.14
21	0.10	0.11	-0.01	0.00	-0.11
22	0.10	0.09	0.01	0.00	-0.09
23	0.10	0.08	0.02	0.00	-0.08
24	0.02	0.06	-0.04	0.00	-0.06
25	0	0.05	-0.05	0.00	-0.05
LR =	9.96	$\sum \lvert e \rvert$	1.22	$\sum \lvert e \rvert$	6 20

Uji Perbandingan Antar Perlakuan dengan Metode " Likehood Ratio (LR) Test" Model Distribusi Log Logistik pada Kondisi Penyimpanan Ruang Terbuka

Jam ke -	C 1			B 1	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	1.00	0.00	1.00	0.00
2	0.98	0.98	0.00	1.00	0.02
3	0.92	0.94	-0.02	0.96	0.02
4	0.86	0.88	-0.02	0.96	0.08
5	0.84	0.81	0.03	0.96	0.15
6	0.8	0.73	0.07	0.88	0.15
7	0.54	0.65	-0.11	0.76	0.11
8	0.52	0.57	-0.05	0.74	0.17
9	0.46	0.49	-0.03	0.72	0.23
10	0.42	0.43	-0.01	0.56	0.13
11	0.42	0.37	0.05	0.56	0.19
12	0.4	0.32	0.08	0.46	0.14
13	0.32	0.28	0.04	0.18	-0.10
14	0.28	0.24	0.04	0.06	-0.18
15	0.28	0.21	0.07	0.06	-0.15
16	0.2	0.18	0.02	0.06	-0.12
17	0.12	0.16	-0.04	0.00	-0.16
18	0.12	0.14	-0.02	0.00	-0.14
19	0.12	0.13	-0.01	0.00	-0.13
20	0.08	0.11	-0.03	0.00	-0.11
21	0.06	0.1	-0.04	0.00	-0.10
22	0.06	0.09	-0.03	0.00	-0.09
23	0.04	0.08	-0.04	0.00	-0.08
24	0.00	0.08	-0.08	0.00	-0.08
LR =	3.8	$\sum$	$\lvert e \rvert$	0.93	$\sum$ $\lvert e \rvert$ 2.83

Jam ke -	D 1			C 1	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	1.00	0.00	1.00	0.00
2	1.00	1.00	0.00	0.98	-0.02
3	0.98	1.00	-0.02	0.92	-0.08
4	0.98	1.00	-0.02	0.86	-0.14
5	0.90	0.99	-0.09	0.84	-0.15
6	0.88	0.98	-0.10	0.80	-0.18
7	0.86	0.96	-0.10	0.54	-0.42
8	0.84	0.92	-0.08	0.52	-0.40
9	0.80	0.87	-0.07	0.46	-0.41
10	0.78	0.80	-0.02	0.42	-0.38
11	0.72	0.72	0.00	0.42	-0.30
12	0.68	0.63	0.05	0.40	-0.23
13	0.68	0.54	0.14	0.32	-0.22
14	0.60	0.46	0.14	0.28	-0.18
15	0.28	0.38	-0.10	0.28	-0.10
16	0.28	0.31	-0.03	0.20	-0.11
17	0.20	0.25	-0.05	0.12	-0.13
18	0.16	0.21	-0.05	0.12	-0.09
19	0.16	0.17	-0.01	0.12	-0.05
20	0.12	0.14	-0.02	0.08	-0.06
21	0.10	0.11	-0.01	0.06	-0.05
22	0.10	0.09	0.01	0.06	-0.03
23	0.10	0.08	0.02	0.04	-0.04
24	0.02	0.06	-0.04	0.00	-0.06
25	0.00	0.05	-0.05	0.00	-0.05
LR =	5.32	$\sum$	$\lvert e \rvert$	1.22	$\sum$ $\lvert e \rvert$ 3.88

Jam ke -	D 1			B 1	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	1.00	0.00	1.00	0.00
2	1.00	1.00	0.00	1.00	0.00
3	0.98	1.00	-0.02	0.96	-0.04
4	0.98	1.00	-0.02	0.96	-0.04
5	0.90	0.99	-0.09	0.96	-0.03
6	0.88	0.98	-0.10	0.88	-0.10
7	0.86	0.96	-0.10	0.76	-0.20
8	0.84	0.92	-0.08	0.74	-0.18
9	0.80	0.87	-0.07	0.72	-0.15
10	0.78	0.80	-0.02	0.56	-0.24
11	0.72	0.72	0.00	0.56	-0.16
12	0.68	0.63	0.05	0.46	-0.17
13	0.68	0.54	0.14	0.18	-0.36
14	0.60	0.46	0.14	0.06	-0.40
15	0.28	0.38	-0.10	0.06	-0.32
16	0.28	0.31	-0.03	0.06	-0.25
17	0.20	0.25	-0.05	0.00	-0.25
18	0.16	0.21	-0.05	0.00	-0.21
19	0.16	0.17	-0.01	0.00	-0.17
20	0.12	0.14	-0.02	0.00	-0.14
21	0.10	0.11	-0.01	0.00	-0.11
22	0.10	0.09	0.01	0.00	-0.09
23	0.10	0.08	0.02	0.00	-0.08
24	0.02	0.06	-0.04	0.00	-0.06
25	0.00	0.05	-0.05	0.00	-0.05
LR =	5.16	$\sum$	$\lvert e \rvert$	1.22	$\sum$ $\lvert e \rvert$ 3.80

Lampiran 9. Uji Perbandingan Antar Perlakuan dengan Metode " Likehood Ratio (LR) Test" Model pada Kondisi Penyimpanan Refrigerator

m ke -	B 2			A 2	
	Observas	Model	Residual	Observas	Residual
1	1.00	1.00	0.00	1.00	0.00
2	0.98	1.00	-0.02	1.00	0.00
3	0.98	1.00	-0.02	0.94	-0.06
4	0.98	0.99	-0.01	0.92	-0.07
5	0.98	0.99	-0.01	0.90	-0.09
6	0.98	0.97	0.01	0.90	-0.07
7	0.96	0.95	0.01	0.90	-0.05
8	0.92	0.92	0.00	0.84	-0.08
9	0.90	0.88	0.02	0.80	-0.08
10	0.90	0.83	0.07	0.30	-0.53
11	0.70	0.78	-0.08	0.18	-0.60
12	0.66	0.71	-0.05	0.12	-0.59
13	0.56	0.65	-0.09	0.06	-0.59
14	0.54	0.58	-0.04	0.06	-0.52
15	0.54	0.51	0.03	0.06	-0.45
16	0.54	0.45	0.09	0.00	-0.45
17	0.44	0.39	0.05	0.00	-0.39
18	0.40	0.34	0.06	0.00	-0.34
19	0.40	0.29	0.11	0.00	-0.29
20	0.22	0.25	-0.03	0.00	-0.25
21	0.20	0.22	-0.02	0.00	-0.22
22	0.20	0.19	0.01	0.00	-0.19
23	0.18	0.17	0.01	0.00	-0.17
24	0.08	0.14	-0.06	0.00	-0.14
25	0.04	0.13	-0.09	0.00	-0.13
26	0.00	0.11	-0.11	0.00	-0.11
LR =	10.72	$\sum$ |e|	1.10	$\sum$ |e|	6.46

Jam ke -	C 2			B 2	
	Observasi	Model	Residual	Observas	Residual
1	1.00	1.00	0.00	1.00	0.00
2	1.00	0.99	0.01	0.98	-0.01
3	1.00	0.98	0.02	0.98	0.00
4	0.96	0.97	-0.01	0.98	0.01
5	0.96	0.95	0.01	0.98	0.03
6	0.96	0.94	0.02	0.98	0.04
7	0.86	0.92	-0.06	0.96	0.04
8	0.86	0.90	-0.04	0.92	0.02
9	0.86	0.87	-0.01	0.90	0.03
10	0.84	0.85	-0.01	0.90	0.05
11	0.80	0.83	-0.03	0.70	-0.13
12	0.80	0.80	0.00	0.66	-0.14
13	0.80	0.78	0.02	0.56	-0.22
14	0.68	0.75	-0.07	0.54	-0.21
15	0.68	0.73	-0.05	0.54	-0.19
16	0.68	0.70	-0.02	0.54	-0.16
17	0.64	0.68	-0.04	0.44	-0.24
18	0.64	0.66	-0.02	0.40	-0.26
19	0.64	0.63	0.01	0.40	-0.23
20	0.60	0.61	-0.01	0.22	-0.39
21	0.56	0.59	-0.03	0.20	-0.39
22	0.54	0.57	-0.03	0.20	-0.37
23	0.52	0.55	-0.03	0.18	-0.37
24	0.48	0.53	-0.05	0.08	-0.45
25	0.48	0.51	-0.03	0.04	-0.47
26	0.48	0.49	-0.01	0.00	-0.49
27	0.48	0.47	0.01	0.00	-0.47
28	0.46	0.46	0.00	0.00	-0.46
29	0.42	0.44	-0.02	0.00	-0.44
30	0.42	0.42	0.00	0.00	-0.42
31	0.42	0.41	0.01	0.00	-0.41
32	0.42	0.40	0.02	0.00	-0.40
33	0.42	0.38	0.04	0.00	-0.38
34	0.42	0.37	0.05	0.00	-0.37
35	0.40	0.36	0.04	0.00	-0.36
36	0.40	0.34	0.06	0.00	-0.34
37	0.36	0.33	0.03	0.00	-0.33
38	0.36	0.32	0.04	0.00	-0.32
39	0.36	0.31	0.05	0.00	-0.31
40	0.36	0.30	0.06	0.00	-0.30
41	0.34	0.29	0.05	0.00	-0.29
42	0.34	0.28	0.06	0.00	-0.28
43	0.34	0.27	0.07	0.00	-0.27
44	0.34	0.27	0.07	0.00	-0.27
45	0.32	0.26	0.06	0.00	-0.26
46	0.32	0.25	0.07	0.00	-0.25
47	0.32	0.24	0.08	0.00	-0.24
48	0.32	0.24	0.08	0.00	-0.24
49	0.30	0.23	0.07	0.00	-0.23
50	0.30	0.22	0.08	0.00	-0.22
51	0.28	0.22	0.06	0.00	-0.22

Jam ke -	C 2			B 2	
	Observasi	Model	Residual	Observasi	Residual
52	0.24	0.21	0.03	0.00	-0.21
53	0.24	0.20	0.04	0.00	-0.20
54	0.24	0.20	0.04	0.00	-0.20
55	0.22	0.19	0.03	0.00	-0.19
56	0.22	0.19	0.03	0.00	-0.19
57	0.18	0.18	0.00	0.00	-0.18
58	0.18	0.18	0.00	0.00	-0.18
59	0.10	0.17	-0.07	0.00	-0.17
60	0.10	0.17	-0.07	0.00	-0.17
61	0.10	0.16	-0.06	0.00	-0.16
62	0.10	0.16	-0.06	0.00	-0.16
63	0.10	0.16	-0.06	0.00	-0.16
64	0.10	0.15	-0.05	0.00	-0.15
65	0.10	0.15	-0.05	0.00	-0.15
66	0.10	0.15	-0.05	0.00	-0.15
67	0.10	0.14	-0.04	0.00	-0.14
68	0.10	0.14	-0.04	0.00	-0.14
69	0.10	0.14	-0.04	0.00	-0.14
70	0.10	0.13	-0.03	0.00	-0.13
71	0.10	0.13	-0.03	0.00	-0.13
72	0.10	0.13	-0.03	0.00	-0.13
73	0.10	0.12	-0.02	0.00	-0.12
74	0.08	0.12	-0.04	0.00	-0.12
75	0.08	0.12	-0.04	0.00	-0.12
76	0.08	0.12	-0.04	0.00	-0.12
77	0.08	0.11	-0.03	0.00	-0.11
78	0.06	0.11	-0.05	0.00	-0.11
79	0.06	0.11	-0.05	0.00	-0.11
80	0.06	0.11	-0.05	0.00	-0.11
81	0.06	0.10	-0.04	0.00	-0.10
82	0.06	0.10	-0.04	0.00	-0.10
83	0.06	0.10	-0.04	0.00	-0.10
84	0.06	0.10	-0.04	0.00	-0.10
85	0.06	0.10	-0.04	0.00	-0.10
86	0.06	0.09	-0.03	0.00	-0.09
87	0.04	0.09	-0.05	0.00	-0.09
88	0.04	0.09	-0.05	0.00	-0.09
89	0.04	0.09	-0.05	0.00	-0.09
90	0.00	0.09	-0.09	0.00	-0.09
LR =	29.72	$\sum \lvert e \rvert$	3.46	$\sum \lvert e \rvert$	18.32

Perbandingan Antar Perlakuan dengan Metode " Likehood Ratio (LR) Test" Model Distribusi Log Logistik pada Kondisi Penyimpanan Refrigerator

e -	D 2			B 2	
	Observasi	Model	Residual	Observasi	Residual
	1.00	0.99	0.01	1.00	0.01
	1.00	0.98	0.02	1.00	0.02
	1.00	0.96	0.04	0.98	0.02
	1.00	0.94	0.06	0.98	0.04
	1.00	0.92	0.08	0.98	0.06
	1.00	0.90	0.10	0.98	0.08
	0.94	0.88	0.06	0.98	0.10
	0.92	0.85	0.07	0.96	0.11
	0.90	0.83	0.07	0.92	0.09
	0.78	0.81	-0.03	0.90	0.09
	0.72	0.79	-0.07	0.90	0.11
	0.72	0.77	-0.05	0.70	-0.07
	0.68	0.75	-0.07	0.66	-0.09
	0.68	0.73	-0.05	0.56	-0.17
	0.68	0.71	-0.03	0.54	-0.17
	0.68	0.69	-0.01	0.54	-0.15
	0.68	0.67	0.01	0.54	-0.13
	0.68	0.65	0.03	0.44	-0.21
	0.62	0.64	-0.02	0.40	-0.24
	0.58	0.62	-0.04	0.40	-0.22
	0.54	0.60	-0.06	0.22	-0.38
	0.54	0.59	-0.05	0.20	-0.39
	0.52	0.57	-0.05	0.20	-0.37
	0.50	0.56	-0.06	0.18	-0.38
	0.50	0.54	-0.04	0.08	-0.46
	0.48	0.53	-0.05	0.04	-0.49
	0.48	0.52	-0.04	0.00	-0.52
	0.46	0.50	-0.04	0.00	-0.50
	0.46	0.49	-0.03	0.00	-0.49
	0.46	0.48	-0.02	0.00	-0.48
	0.44	0.47	-0.03	0.00	-0.47
	0.44	0.46	-0.02	0.00	-0.46
	0.44	0.45	-0.01	0.00	-0.45
	0.44	0.44	0.00	0.00	-0.44
	0.44	0.43	0.01	0.00	-0.43
	0.42	0.42	0.00	0.00	-0.42
	0.42	0.41	0.01	0.00	-0.41
	0.42	0.40	0.02	0.00	-0.40
	0.42	0.39	0.03	0.00	-0.39
	0.40	0.38	0.02	0.00	-0.38
	0.40	0.37	0.03	0.00	-0.37
	0.40	0.37	0.03	0.00	-0.37
	0.38	0.36	0.02	0.00	-0.36
	0.38	0.35	0.03	0.00	-0.35
	0.38	0.34	0.04	0.00	-0.34
	0.38	0.34	0.04	0.00	-0.34
	0.38	0.33	0.05	0.00	-0.33
	0.38	0.32	0.06	0.00	-0.32
	0.36	0.32	0.04	0.00	-0.32
	0.36	0.31	0.05	0.00	-0.31

Jam ke -	C 2			A 2	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	1.00	0.00	1.00	0.00
2	1.00	0.99	0.01	1.00	0.01
3	1.00	0.98	0.02	0.94	-0.04
4	0.96	0.97	-0.01	0.92	-0.05
5	0.96	0.95	0.01	0.90	-0.05
6	0.96	0.94	0.02	0.90	-0.04
7	0.86	0.92	-0.06	0.90	-0.02
8	0.86	0.90	-0.04	0.84	-0.06
9	0.86	0.87	-0.01	0.80	-0.07
10	0.84	0.85	-0.01	0.30	-0.55
11	0.80	0.83	-0.03	0.18	-0.65
12	0.80	0.80	0.00	0.12	-0.68
13	0.80	0.78	0.02	0.06	-0.72
14	0.68	0.75	-0.07	0.06	-0.69
15	0.68	0.73	-0.05	0.06	-0.67
16	0.68	0.70	-0.02	0.00	-0.70
17	0.64	0.68	-0.04	0.00	-0.68
18	0.64	0.66	-0.02	0.00	-0.66
19	0.64	0.63	0.01	0.00	-0.63
20	0.60	0.61	-0.01	0.00	-0.61
21	0.56	0.59	-0.03	0.00	-0.59
22	0.54	0.57	-0.03	0.00	-0.57
23	0.52	0.55	-0.03	0.00	-0.55
24	0.48	0.53	-0.05	0.00	-0.53
25	0.48	0.51	-0.03	0.00	-0.51
26	0.48	0.49	-0.01	0.00	-0.49
27	0.48	0.47	0.01	0.00	-0.47
28	0.46	0.46	0.00	0.00	-0.46
29	0.42	0.44	-0.02	0.00	-0.44
30	0.42	0.42	0.00	0.00	-0.42
31	0.42	0.41	0.01	0.00	-0.41
32	0.42	0.40	0.02	0.00	-0.40
33	0.42	0.38	0.04	0.00	-0.38
34	0.42	0.37	0.05	0.00	-0.37
35	0.40	0.36	0.04	0.00	-0.36
36	0.40	0.34	0.06	0.00	-0.34
37	0.36	0.33	0.03	0.00	-0.33
38	0.36	0.32	0.04	0.00	-0.32
39	0.36	0.31	0.05	0.00	-0.31
40	0.36	0.30	0.06	0.00	-0.30
41	0.34	0.29	0.05	0.00	-0.29
42	0.34	0.28	0.06	0.00	-0.28
43	0.34	0.27	0.07	0.00	-0.27
44	0.34	0.27	0.07	0.00	-0.27
45	0.32	0.26	0.06	0.00	-0.26
46	0.32	0.25	0.07	0.00	-0.25
47	0.32	0.24	0.08	0.00	-0.24
48	0.32	0.24	0.08	0.00	-0.24
49	0.30	0.23	0.07	0.00	-0.23
50	0.30	0.22	0.08	0.00	-0.22

m ke -	D 2			B 2	
	Observasi	Model	Residual	Observasi	Residual
51	0.34	0.31	0.03	0.00	-0.31
52	0.34	0.30	0.04	0.00	-0.30
53	0.34	0.29	0.05	0.00	-0.29
54	0.32	0.29	0.03	0.00	-0.29
55	0.32	0.28	0.04	0.00	-0.28
56	0.32	0.28	0.04	0.00	-0.28
57	0.30	0.27	0.03	0.00	-0.27
58	0.30	0.27	0.03	0.00	-0.27
59	0.30	0.26	0.04	0.00	-0.26
60	0.30	0.26	0.04	0.00	-0.26
61	0.30	0.26	0.04	0.00	-0.26
62	0.30	0.25	0.05	0.00	-0.25
63	0.28	0.25	0.03	0.00	-0.25
64	0.28	0.24	0.04	0.00	-0.24
65	0.28	0.24	0.04	0.00	-0.24
66	0.28	0.24	0.04	0.00	-0.24
67	0.28	0.23	0.05	0.00	-0.23
68	0.28	0.23	0.05	0.00	-0.23
69	0.28	0.22	0.06	0.00	-0.22
70	0.24	0.22	0.02	0.00	-0.22
71	0.24	0.22	0.02	0.00	-0.22
72	0.24	0.21	0.03	0.00	-0.21
73	0.24	0.21	0.03	0.00	-0.21
74	0.22	0.21	0.01	0.00	-0.21
75	0.22	0.20	0.02	0.00	-0.20
76	0.22	0.20	0.02	0.00	-0.20
77	0.20	0.20	0.00	0.00	-0.20
78	0.20	0.20	0.00	0.00	-0.20
79	0.20	0.19	0.01	0.00	-0.19
80	0.20	0.19	0.01	0.00	-0.19
81	0.20	0.19	0.01	0.00	-0.19
82	0.20	0.19	0.01	0.00	-0.19
83	0.18	0.18	0.00	0.00	-0.18
84	0.16	0.18	-0.02	0.00	-0.18
85	0.14	0.18	-0.04	0.00	-0.18
86	0.14	0.18	-0.04	0.00	-0.18
87	0.14	0.17	-0.03	0.00	-0.17
88	0.12	0.17	-0.05	0.00	-0.17
89	0.12	0.17	-0.05	0.00	-0.17
90	0.12	0.17	-0.05	0.00	-0.17
91	0.12	0.16	-0.04	0.00	-0.16
92	0.06	0.16	-0.10	0.00	-0.16
93	0.02	0.16	-0.14	0.00	-0.16
94	0.02	0.16	-0.14	0.00	-0.16
95	0.02	0.16	-0.14	0.00	-0.16
96	0.02	0.15	-0.13	0.00	-0.15
97	0.00	0.15	-0.15	0.00	-0.15
LR =	40.84	||	3.98	||	24.4

Jam ke -	C 2			A 2	
	Observasi	Model	Residual	Observasi	Residual
51	0.28	0.22	0.06	0.00	-0.22
52	0.24	0.21	0.03	0.00	-0.21
53	0.24	0.20	0.04	0.00	-0.20
54	0.24	0.20	0.04	0.00	-0.20
55	0.22	0.19	0.03	0.00	-0.19
56	0.22	0.19	0.03	0.00	-0.19
57	0.18	0.18	0.00	0.00	-0.18
58	0.18	0.18	0.00	0.00	-0.18
59	0.10	0.17	-0.07	0.00	-0.17
60	0.10	0.17	-0.07	0.00	-0.17
61	0.10	0.16	-0.06	0.00	-0.16
62	0.10	0.16	-0.06	0.00	-0.16
63	0.10	0.16	-0.06	0.00	-0.16
64	0.10	0.15	-0.05	0.00	-0.15
65	0.10	0.15	-0.05	0.00	-0.15
66	0.10	0.15	-0.05	0.00	-0.15
67	0.10	0.14	-0.04	0.00	-0.14
68	0.10	0.14	-0.04	0.00	-0.14
69	0.10	0.14	-0.04	0.00	-0.14
70	0.10	0.13	-0.03	0.00	-0.13
71	0.10	0.13	-0.03	0.00	-0.13
72	0.10	0.13	-0.03	0.00	-0.13
73	0.10	0.12	-0.02	0.00	-0.12
74	0.08	0.12	-0.04	0.00	-0.12
75	0.08	0.12	-0.04	0.00	-0.12
76	0.08	0.12	-0.04	0.00	-0.12
77	0.08	0.11	-0.03	0.00	-0.11
78	0.06	0.11	-0.05	0.00	-0.11
79	0.06	0.11	-0.05	0.00	-0.11
80	0.06	0.11	-0.05	0.00	-0.11
81	0.06	0.10	-0.04	0.00	-0.10
82	0.06	0.10	-0.04	0.00	-0.10
83	0.06	0.10	-0.04	0.00	-0.10
84	0.06	0.10	-0.04	0.00	-0.10
85	0.06	0.10	-0.04	0.00	-0.10
86	0.06	0.09	-0.03	0.00	-0.09
87	0.04	0.09	-0.05	0.00	-0.09
88	0.04	0.09	-0.05	0.00	-0.09
89	0.04	0.09	-0.05	0.00	-0.09
90	0.00	0.09	-0.09	0.00	-0.09
LR =	41.48	Σ |e|	3.46	Σ |e|	24.20

Perbandingan Antar Perlakuan dengan Metode " Likehood Ratio (LR) Test" Model Distribusi Log Logistik pada Kondisi Penyimpanan Refrigerator

e -	D 2			C 2	
	Observasi	Model	Residual	Observasi	Residual
	1.00	0.99	0.01	1.00	0.01
	1.00	0.98	0.02	1.00	0.02
	1.00	0.96	0.04	1.00	0.04
	1.00	0.94	0.06	0.96	0.02
	1.00	0.92	0.08	0.96	0.04
	1.00	0.90	0.10	0.96	0.06
	0.94	0.88	0.06	0.86	-0.02
	0.92	0.85	0.07	0.86	0.01
	0.90	0.83	0.07	0.86	0.03
	0.78	0.81	-0.03	0.84	0.03
	0.72	0.79	-0.07	0.80	0.01
	0.72	0.77	-0.05	0.80	0.03
	0.68	0.75	-0.07	0.80	0.05
	0.68	0.73	-0.05	0.68	-0.05
	0.68	0.71	-0.03	0.68	-0.03
	0.68	0.69	-0.01	0.68	-0.01
	0.68	0.67	0.01	0.64	-0.03
	0.68	0.65	0.03	0.64	-0.01
	0.62	0.64	-0.02	0.64	0.00
	0.58	0.62	-0.04	0.60	-0.02
	0.54	0.60	-0.06	0.56	-0.04
2	0.54	0.59	-0.05	0.54	-0.05
3	0.52	0.57	-0.05	0.52	-0.05
4	0.50	0.56	-0.06	0.48	-0.08
5	0.50	0.54	-0.04	0.48	-0.06
6	0.48	0.53	-0.05	0.48	-0.05
7	0.48	0.52	-0.04	0.48	-0.04
8	0.46	0.50	-0.04	0.46	-0.04
9	0.46	0.49	-0.03	0.42	-0.07
0	0.46	0.48	-0.02	0.42	-0.06
1	0.44	0.47	-0.03	0.42	-0.05
2	0.44	0.46	-0.02	0.42	-0.04
3	0.44	0.45	-0.01	0.42	-0.03
4	0.44	0.44	0.00	0.42	-0.02
5	0.44	0.43	0.01	0.40	-0.03
6	0.42	0.42	0.00	0.40	-0.02
7	0.42	0.41	0.01	0.36	-0.05
8	0.42	0.40	0.02	0.36	-0.04
9	0.42	0.39	0.03	0.36	-0.03
0	0.40	0.38	0.02	0.36	-0.02
1	0.40	0.37	0.03	0.34	-0.03
2	0.40	0.37	0.03	0.34	-0.03
3	0.38	0.36	0.02	0.34	-0.02
4	0.38	0.35	0.03	0.34	-0.01
5	0.38	0.34	0.04	0.32	-0.02
6	0.38	0.34	0.04	0.32	-0.02
7	0.38	0.33	0.05	0.32	-0.01
8	0.38	0.32	0.06	0.32	0.00
9	0.36	0.32	0.04	0.30	-0.02
0	0.36	0.31	0.05	0.30	-0.01

Jam ke -	D 2			A 2	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	0.99	0.01	1.00	0.01
2	1.00	0.98	0.02	1.00	0.02
3	1.00	0.96	0.04	1.00	0.04
4	1.00	0.94	0.06	0.94	0.00
5	1.00	0.92	0.08	0.92	0.00
6	1.00	0.90	0.10	0.90	0.00
7	0.94	0.88	0.06	0.90	0.02
8	0.92	0.85	0.07	0.90	0.05
9	0.90	0.83	0.07	0.84	0.01
10	0.78	0.81	-0.03	0.80	-0.01
11	0.72	0.79	-0.07	0.30	-0.49
12	0.72	0.77	-0.05	0.18	-0.59
13	0.68	0.75	-0.07	0.12	-0.63
14	0.68	0.73	-0.05	0.06	-0.67
15	0.68	0.71	-0.03	0.06	-0.65
16	0.68	0.69	-0.01	0.06	-0.63
17	0.68	0.67	0.01	0.00	-0.67
18	0.68	0.65	0.03	0.00	-0.65
19	0.62	0.64	-0.02	0.00	-0.64
20	0.58	0.62	-0.04	0.00	-0.62
21	0.54	0.60	-0.06	0.00	-0.60
22	0.54	0.59	-0.05	0.00	-0.59
23	0.52	0.57	-0.05	0.00	-0.57
24	0.50	0.56	-0.06	0.00	-0.56
25	0.50	0.54	-0.04	0.00	-0.54
26	0.48	0.53	-0.05	0.00	-0.53
27	0.48	0.52	-0.04	0.00	-0.52
28	0.46	0.50	-0.04	0.00	-0.50
29	0.46	0.49	-0.03	0.00	-0.49
30	0.46	0.48	-0.02	0.00	-0.48
31	0.44	0.47	-0.03	0.00	-0.47
32	0.44	0.46	-0.02	0.00	-0.46
33	0.44	0.45	-0.01	0.00	-0.45
34	0.44	0.44	0.00	0.00	-0.44
35	0.44	0.43	0.01	0.00	-0.43
36	0.42	0.42	0.00	0.00	-0.42
37	0.42	0.41	0.01	0.00	-0.41
38	0.42	0.40	0.02	0.00	-0.40
39	0.42	0.39	0.03	0.00	-0.39
40	0.40	0.38	0.02	0.00	-0.38
41	0.40	0.37	0.03	0.00	-0.37
42	0.40	0.37	0.03	0.00	-0.37
43	0.38	0.36	0.02	0.00	-0.36
44	0.38	0.35	0.03	0.00	-0.35
45	0.38	0.34	0.04	0.00	-0.34
46	0.38	0.34	0.04	0.00	-0.34
47	0.38	0.33	0.05	0.00	-0.33
48	0.38	0.32	0.06	0.00	-0.32
49	0.36	0.32	0.04	0.00	-0.32
50	0.36	0.31	0.05	0.00	-0.31

m ke -	D 2			C 2	
	Observasi	Model	Residual	Observasi	Residual
51	0.34	0.31	0.03	0.28	-0.03
52	0.34	0.30	0.04	0.24	-0.06
53	0.34	0.29	0.05	0.24	-0.05
54	0.32	0.29	0.03	0.24	-0.05
55	0.32	0.28	0.04	0.22	-0.06
56	0.32	0.28	0.04	0.22	-0.06
57	0.30	0.27	0.03	0.18	-0.09
58	0.30	0.27	0.03	0.18	-0.09
59	0.30	0.26	0.04	0.10	-0.16
60	0.30	0.26	0.04	0.10	-0.16
61	0.30	0.26	0.04	0.10	-0.16
62	0.30	0.25	0.05	0.10	-0.15
63	0.28	0.25	0.03	0.10	-0.15
64	0.28	0.24	0.04	0.10	-0.14
65	0.28	0.24	0.04	0.10	-0.14
66	0.28	0.24	0.04	0.10	-0.14
67	0.28	0.23	0.05	0.10	-0.13
68	0.28	0.23	0.05	0.10	-0.13
69	0.28	0.22	0.06	0.10	-0.12
70	0.24	0.22	0.02	0.10	-0.12
71	0.24	0.22	0.02	0.10	-0.12
72	0.24	0.21	0.03	0.10	-0.11
73	0.24	0.21	0.03	0.10	-0.11
74	0.22	0.21	0.01	0.08	-0.13
75	0.22	0.20	0.02	0.08	-0.12
76	0.22	0.20	0.02	0.08	-0.12
77	0.20	0.20	0.00	0.08	-0.12
78	0.20	0.20	0.00	0.06	-0.14
79	0.20	0.19	0.01	0.06	-0.13
80	0.20	0.19	0.01	0.06	-0.13
81	0.20	0.19	0.01	0.06	-0.13
82	0.20	0.19	0.01	0.06	-0.13
83	0.18	0.18	0.00	0.06	-0.12
84	0.16	0.18	-0.02	0.06	-0.12
85	0.14	0.18	-0.04	0.06	-0.12
86	0.14	0.18	-0.04	0.06	-0.12
87	0.14	0.17	-0.03	0.04	-0.13
88	0.12	0.17	-0.05	0.04	-0.13
89	0.12	0.17	-0.05	0.04	-0.13
90	0.12	0.17	-0.05	0.00	-0.17
91	0.12	0.16	-0.04	0.00	-0.16
92	0.06	0.16	-0.10	0.00	-0.16
93	0.02	0.16	-0.14	0.00	-0.16
94	0.02	0.16	-0.14	0.00	-0.16
95	0.02	0.16	-0.14	0.00	-0.16
96	0.02	0.15	-0.13	0.00	-0.15
97	0.00	0.15	-0.15	0.00	-0.15
LR =	6.8	$\sum \lvert e \rvert$	3.98	$\sum \lvert e \rvert$	7.38

Jam ke -	D 2			A 2	
	Observasi	Model	Residual	Observasi	Residual
51	0.34	0.31	0.03	0.00	-0.31
52	0.34	0.30	0.04	0.00	-0.30
53	0.34	0.29	0.05	0.00	-0.29
54	0.32	0.29	0.03	0.00	-0.29
55	0.32	0.28	0.04	0.00	-0.28
56	0.32	0.28	0.04	0.00	-0.28
57	0.30	0.27	0.03	0.00	-0.27
58	0.30	0.27	0.03	0.00	-0.27
59	0.30	0.26	0.04	0.00	-0.26
60	0.30	0.26	0.04	0.00	-0.26
61	0.30	0.26	0.04	0.00	-0.26
62	0.30	0.25	0.05	0.00	-0.25
63	0.28	0.25	0.03	0.00	-0.25
64	0.28	0.24	0.04	0.00	-0.24
65	0.28	0.24	0.04	0.00	-0.24
66	0.28	0.24	0.04	0.00	-0.24
67	0.28	0.23	0.05	0.00	-0.23
68	0.28	0.23	0.05	0.00	-0.23
69	0.28	0.22	0.06	0.00	-0.22
70	0.24	0.22	0.02	0.00	-0.22
71	0.24	0.22	0.02	0.00	-0.22
72	0.24	0.21	0.03	0.00	-0.21
73	0.24	0.21	0.03	0.00	-0.21
74	0.22	0.21	0.01	0.00	-0.21
75	0.22	0.20	0.02	0.00	-0.20
76	0.22	0.20	0.02	0.00	-0.20
77	0.20	0.20	0.00	0.00	-0.20
78	0.20	0.20	0.00	0.00	-0.20
79	0.20	0.19	0.01	0.00	-0.19
80	0.20	0.19	0.01	0.00	-0.19
81	0.20	0.19	0.01	0.00	-0.19
82	0.20	0.19	0.01	0.00	-0.19
83	0.18	0.13	0.00	0.00	-0.18
84	0.16	0.18	-0.02	0.00	-0.18
85	0.14	0.18	-0.04	0.00	-0.18
86	0.14	0.18	-0.04	0.00	-0.18
87	0.14	0.17	-0.03	0.00	-0.17
88	0.12	0.17	-0.05	0.00	-0.17
89	0.12	0.17	-0.05	0.00	-0.17
90	0.12	0.17	-0.05	0.00	-0.17
91	0.12	0.16	-0.04	0.00	-0.16
92	0.06	0.16	-0.10	0.00	-0.16
93	0.02	0.16	-0.14	0.00	-0.16
94	0.02	0.16	-0.14	0.00	-0.16
95	0.02	0.16	-0.14	0.00	-0.16
96	0.02	0.15	-0.13	0.00	-0.15
97	0.00	0.15	-0.15	0.00	-0.15
LR =	51.12	$\sum \lvert e \rvert$	3.98	$\sum \lvert e \rvert$	29.54

Lampiran 10. Uji Perbandingan Antar Perlakuan dengan Metode "Likelihood Ratio (LR) Test" Model Distribusi Weibull pada Kondisi Penyimpanan Ruang

Jam ke -	C 1			A 1	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	0.98	0.02	1.00	0.02
2	0.98	0.95	0.03	0.84	-0.11
3	0.92	0.90	0.02	0.80	-0.10
4	0.86	0.84	0.02	0.80	-0.04
5	0.84	0.78	0.06	0.80	0.02
6	0.80	0.72	0.08	0.70	-0.02
7	0.54	0.65	-0.11	0.64	-0.01
8	0.52	0.58	-0.06	0.56	-0.02
9	0.46	0.52	-0.06	0.56	0.04
10	0.42	0.46	-0.04	0.18	-0.28
11	0.42	0.40	0.02	0.18	-0.22
12	0.40	0.35	0.05	0.18	-0.17
13	0.32	0.30	0.02	0.16	-0.14
14	0.28	0.26	0.02	0.08	-0.18
15	0.28	0.22	0.06	0.04	-0.18
16	0.20	0.18	0.02	0.00	-0.18
17	0.12	0.15	-0.03	0.00	-0.15
18	0.12	0.13	-0.01	0.00	-0.13
19	0.12	0.11	0.01	0.00	-0.11
20	0.08	0.09	-0.01	0.00	-0.09
21	0.06	0.07	-0.01	0.00	-0.07
22	0.06	0.06	0.00	0.00	-0.06
23	0.04	0.05	-0.01	0.00	-0.05
24	0.00	0.04	-0.04	0.00	-0.04
LR	2.70	$\sum \lvert e \rvert$	0.81	$\sum \lvert e \rvert$	2.16

Jam ke -	D 1			A 1	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	1.00	0.00	1.00	0.00
2	1.00	1.00	0.00	0.84	-0.16
3	0.98	0.99	-0.01	0.80	-0.19
4	0.98	0.98	0.00	0.80	-0.18
5	0.90	0.97	-0.07	0.80	-0.17
6	0.88	0.95	-0.07	0.70	-0.25
7	0.86	0.91	-0.05	0.64	-0.27
8	0.84	0.87	-0.03	0.56	-0.31
9	0.80	0.83	-0.03	0.56	-0.27
10	0.78	0.77	0.01	0.18	-0.59
11	0.72	0.70	0.02	0.18	-0.52
12	0.68	0.63	0.05	0.18	-0.45
13	0.68	0.56	0.12	0.16	-0.40
14	0.60	0.48	0.12	0.08	-0.40
15	0.28	0.41	-0.13	0.04	-0.37
16	0.28	0.33	-0.05	0.00	-0.33
17	0.20	0.27	-0.07	0.00	-0.27
18	0.16	0.21	-0.05	0.00	-0.21
19	0.16	0.16	0.00	0.00	-0.16
20	0.12	0.11	0.01	0.00	-0.11
21	0.10	0.08	0.02	0.00	-0.08
22	0.10	0.06	0.04	0.00	-0.06
23	0.10	0.04	0.06	0.00	-0.04
24	0.02	0.02	0.00	0.00	-0.02
25	0.00	0.01	-0.01	0.00	-0.01
LR =	9.60	$\sum \lvert e \rvert$	1.02	$\sum \lvert e \rvert$	5.82

Jam ke -	C 1			B 1	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	0.98	0.02	1.00	0.02
2	0.98	0.95	0.03	1.00	0.05
3	0.92	0.90	0.02	0.96	0.06
4	0.86	0.84	0.02	0.96	0.12
5	0.84	0.78	0.06	0.96	0.18
6	0.80	0.72	0.08	0.88	0.16
7	0.54	0.65	-0.11	0.76	0.11
8	0.52	0.58	-0.06	0.74	0.16
9	0.46	0.52	-0.06	0.72	0.20
10	0.42	0.46	-0.04	0.56	0.10
11	0.42	0.40	0.02	0.56	0.16
12	0.40	0.35	0.05	0.46	0.11
13	0.32	0.30	0.02	0.18	-0.12
14	0.28	0.26	0.02	0.06	-0.20
15	0.28	0.22	0.06	0.06	-0.16
16	0.20	0.18	0.02	0.06	-0.12
17	0.12	0.15	-0.03	0.00	-0.15
18	0.12	0.13	-0.01	0.00	-0.13
19	0.12	0.11	0.01	0.00	-0.11
20	0.08	0.09	-0.01	0.00	-0.09
21	0.06	0.07	-0.01	0.00	-0.07
22	0.06	0.06	0.00	0.00	-0.06
23	0.04	0.05	-0.01	0.00	-0.05
24	0.00	0.04	-0.04	0.00	-0.04
LR =	3.84	$\sum \lvert e \rvert$	0.81	$\sum \lvert e \rvert$	2.73

Uji Perbandingan Antar Perlakuan dengan Metode "Likehood Ratio (LR) Test" Model Distribusi Weibull pada Kondisi Penyimpanan Ruang Terbuka

Jam ke -	B 1			A 1	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	1.00	0.00	1.00	0.00
2	1.00	1.00	0.00	0.84	-0.16
3	0.96	0.99	-0.03	0.80	-0.19
4	0.96	0.98	-0.02	0.80	-0.18
5	0.96	0.96	0.00	0.80	-0.16
6	0.88	0.92	-0.04	0.70	-0.22
7	0.76	0.86	-0.10	0.64	-0.22
8	0.74	0.78	-0.04	0.56	-0.22
9	0.72	0.69	0.03	0.56	-0.13
10	0.56	0.58	-0.02	0.18	-0.40
11	0.56	0.46	0.10	0.18	-0.28
12	0.46	0.35	0.11	0.18	-0.17
13	0.18	0.24	-0.06	0.16	-0.08
14	0.06	0.16	-0.10	0.08	-0.08
15	0.06	0.09	-0.03	0.04	-0.05
16	0.06	0.05	0.01	0.00	-0.05
17	0.00	0.02	-0.02	0.00	-0.02
LR	3.80	$\sum \lvert e \rvert$	0.71	$\sum \lvert e \rvert$	2.61

Jam ke -	D 1			B 1	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	1.00	0.00	1.00	0.00
2	1.00	1.00	0.00	1.00	0.00
3	0.98	0.99	-0.01	0.96	-0.03
4	0.98	0.98	0.00	0.96	-0.02
5	0.90	0.97	-0.07	0.96	-0.01
6	0.88	0.95	-0.07	0.88	-0.07
7	0.86	0.91	-0.05	0.76	-0.15
8	0.84	0.87	-0.03	0.74	-0.13
9	0.80	0.83	-0.03	0.72	-0.11
10	0.78	0.77	0.01	0.56	-0.21
11	0.72	0.70	0.02	0.56	-0.14
12	0.68	0.63	0.05	0.46	-0.17
13	0.68	0.56	0.12	0.18	-0.38
14	0.60	0.48	0.12	0.06	-0.42
15	0.28	0.41	-0.13	0.06	-0.35
16	0.28	0.33	-0.05	0.06	-0.27
17	0.20	0.27	-0.07	0.00	-0.27
18	0.16	0.21	-0.05	0.00	-0.21
19	0.16	0.16	0.00	0.00	-0.16
20	0.12	0.11	0.01	0.00	-0.11
21	0.10	0.08	0.02	0.00	-0.08
22	0.10	0.06	0.04	0.00	-0.06
23	0.10	0.04	0.06	0.00	-0.04
24	0.02	0.02	0.00	0.00	-0.02
25	0.00	0.01	-0.01	0.00	-0.01
LR =	4.80	$\sum \lvert e \rvert$	1.02	$\sum \lvert e \rvert$	3.42

Jam ke -	D 1			C 1	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	1.00	0.00	1.00	0.00
2	1.00	1.00	0.00	0.98	-0.02
3	0.98	0.99	-0.01	0.92	-0.07
4	0.98	0.98	0.00	0.86	-0.12
5	0.90	0.97	-0.07	0.84	-0.13
6	0.88	0.95	-0.07	0.80	-0.15
7	0.86	0.91	-0.05	0.54	-0.37
8	0.84	0.87	-0.03	0.52	-0.35
9	0.80	0.83	-0.03	0.46	-0.37
10	0.78	0.77	0.01	0.42	-0.35
11	0.72	0.70	0.02	0.42	-0.28
12	0.68	0.63	0.05	0.40	-0.23
13	0.68	0.56	0.12	0.32	-0.24
14	0.60	0.48	0.12	0.28	-0.20
15	0.28	0.41	-0.13	0.28	-0.13
16	0.28	0.33	-0.05	0.20	-0.13
17	0.20	0.27	-0.07	0.12	-0.15
18	0.16	0.21	-0.05	0.12	-0.09
19	0.16	0.16	0.00	0.12	-0.04
20	0.12	0.11	0.01	0.08	-0.03
21	0.10	0.08	0.02	0.06	-0.02
22	0.10	0.06	0.04	0.06	0.00
23	0.10	0.04	0.06	0.04	0.00
24	0.02	0.02	0.00	0.00	-0.02
25	0.00	0.01	-0.01	0.00	-0.01
LR =	4.96	$\sum \lvert e \rvert$	1.02	$\sum \lvert e \rvert$	3.5

Lampiran 11. Uji Perbandingan Antar Perlakuan dengan Metode "Likehoood Ratio (LR) Test" Model Distribusi Weibull pada Kondisi Penyimpanan Refrigerator

Jam ke -	B 2			A 2	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	1.00	0.00	1.00	0.00
2	0.98	1.00	-0.02	1.00	0.00
3	0.98	0.99	-0.01	0.94	-0.05
4	0.98	0.98	0.00	0.92	-0.06
5	0.98	0.97	0.01	0.90	-0.07
6	0.98	0.95	0.03	0.90	-0.05
7	0.96	0.93	0.03	0.90	-0.03
8	0.92	0.90	0.02	0.84	-0.06
9	0.90	0.86	0.04	0.80	-0.06
10	0.90	0.82	0.08	0.30	-0.52
11	0.70	0.77	-0.07	0.18	-0.59
12	0.66	0.72	-0.06	0.12	-0.60
13	0.56	0.66	-0.10	0.06	-0.60
14	0.54	0.60	-0.06	0.06	-0.54
15	0.54	0.54	0.00	0.06	-0.48
16	0.54	0.48	0.06	0.00	-0.48
17	0.44	0.42	0.02	0.00	-0.42
18	0.40	0.36	0.04	0.00	-0.36
19	0.40	0.31	0.09	0.00	-0.31
20	0.22	0.26	-0.04	0.00	-0.26
21	0.20	0.21	-0.01	0.00	-0.21
22	0.20	0.17	0.03	0.00	-0.17
23	0.18	0.14	0.04	0.00	-0.14
24	0.08	0.11	-0.03	0.00	-0.11
25	0.04	0.08	-0.04	0.00	-0.08
26	0.00	0.06	-0.06	0.00	-0.06
LR =	10.64	$\sum \lvert e \rvert$	0.99	$\sum \lvert e \rvert$	6.31

Jam ke -	C 2			A 2	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	0.99	0.01		
2	1.00	0.97	0.03	1.00	0.03
3	1.00	0.95	0.05	1.00	0.05
4	0.96	0.93	0.03	0.94	0.01
5	0.96	0.91	0.05	0.92	0.01
6	0.96	0.89	0.07	0.90	0.01
7	0.86	0.87	-0.01	0.90	0.03
8	0.86	0.85	0.01	0.90	0.05
9	0.86	0.83	0.03	0.84	0.01
10	0.84	0.81	0.03	0.80	-0.01
11	0.80	0.79	0.01	0.30	-0.49
12	0.80	0.77	0.03	0.18	-0.59
13	0.80	0.75	0.05	0.12	-0.63
14	0.68	0.73	-0.05	0.06	-0.67
15	0.68	0.71	-0.03	0.06	-0.65
16	0.68	0.69	-0.01	0.06	-0.63
17	0.64	0.67	-0.03	0.00	-0.67
18	0.64	0.65	-0.01	0.00	-0.65
19	0.64	0.64	0.00	0.00	-0.64
20	0.60	0.62	-0.02	0.00	-0.62
21	0.56	0.60	-0.04	0.00	-0.60
22	0.54	0.58	-0.04	0.00	-0.58
23	0.52	0.56	-0.04	0.00	-0.56
24	0.48	0.55	-0.07	0.00	-0.55
25	0.48	0.53	-0.05	0.00	-0.53
26	0.48	0.52	-0.04	0.00	-0.52
27	0.48	0.50	-0.02	0.00	-0.50
28	0.46	0.48	-0.02	0.00	-0.48
29	0.42	0.47	-0.05	0.00	-0.47
30	0.42	0.45	-0.03	0.00	-0.45

Jam ke -	C 2			B 2	
	Observasi	Model	Residual	Observasi	Residual
2	1.00	0.97	0.03	1.00	0.03
3	1.00	0.95	0.05	0.98	0.03
4	0.96	0.93	0.03	0.98	0.05
5	0.96	0.91	0.05	0.98	0.07
6	0.96	0.89	0.07	0.98	0.09
7	0.86	0.87	-0.01	0.98	0.11
8	0.86	0.85	0.01	0.96	0.11
9	0.86	0.83	0.03	0.92	0.09
10	0.84	0.81	0.03	0.90	0.09
11	0.80	0.79	0.01	0.90	0.11
12	0.80	0.77	0.03	0.70	-0.07
13	0.80	0.75	0.05	0.66	-0.09
14	0.68	0.73	-0.05	0.56	-0.17
15	0.68	0.71	-0.03	0.54	-0.17
16	0.68	0.69	-0.01	0.54	-0.15
17	0.64	0.67	-0.03	0.54	-0.13
18	0.64	0.65	-0.01	0.44	-0.21
19	0.64	0.64	0.00	0.40	-0.24
20	0.60	0.62	-0.02	0.40	-0.22
21	0.56	0.60	-0.04	0.22	-0.38
22	0.54	0.58	-0.04	0.20	-0.38
23	0.52	0.56	-0.04	0.20	-0.36
24	0.48	0.55	-0.07	0.18	-0.37
25	0.48	0.53	-0.05	0.08	-0.45
26	0.48	0.52	-0.04	0.04	-0.48
27	0.48	0.50	-0.02	0.00	-0.50
28	0.46	0.48	-0.02	0.00	-0.48
29	0.42	0.47	-0.05	0.00	-0.
30	0.42	0.45	-0.03	0.00	-0.
31	0.42	0.44	-0.02	0.00	-0.

Jam ke -	C 2			A 2		Jam ke -	C 2			B 2	
	Observasi	Model	Residual	Observasi	Residual		Observasi	Model	Residual	Observasi	Residual
31	0.42	0.44	-0.02	0.00	-0.44	32	0.42	0.43	-0.01	0.00	-0.43
32	0.42	0.43	-0.01	0.00	-0.43	33	0.42	0.41	0.01	0.00	-0.41
33	0.42	0.41	0.01	0.00	-0.41	34	0.42	0.40	0.02	0.00	-0.40
34	0.42	0.40	0.02	0.00	-0.40	35	0.40	0.39	0.01	0.00	-0.39
35	0.40	0.39	0.01	0.00	-0.39	36	0.40	0.37	0.03	0.00	-0.37
36	0.40	0.37	0.03	0.00	-0.37	37	0.36	0.36	0.00	0.00	-0.36
37	0.36	0.36	0.00	0.00	-0.36	38	0.36	0.35	0.01	0.00	-0.35
38	0.36	0.35	0.01	0.00	-0.35	39	0.36	0.34	0.02	0.00	-0.34
39	0.36	0.34	0.02	0.00	-0.34	40	0.36	0.33	0.03	0.00	-0.33
40	0.36	0.33	0.03	0.00	-0.33	41	0.34	0.32	0.02	0.00	-0.32
41	0.34	0.32	0.02	0.00	-0.32	42	0.34	0.31	0.03	0.00	-0.31
42	0.34	0.31	0.03	0.00	-0.31	43	0.34	0.29	0.05	0.00	-0.29
43	0.34	0.29	0.05	0.00	-0.29	44	0.34	0.28	0.06	0.00	-0.28
44	0.34	0.28	0.06	0.00	-0.28	45	0.32	0.27	0.05	0.00	-0.27
45	0.32	0.27	0.05	0.00	-0.27	46	0.32	0.27	0.05	0.00	-0.27
46	0.32	0.27	0.05	0.00	-0.27	47	0.32	0.26	0.06	0.00	-0.26
47	0.32	0.26	0.06	0.00	-0.26	48	0.32	0.25	0.07	0.00	-0.25
48	0.32	0.25	0.07	0.00	-0.25	49	0.30	0.24	0.06	0.00	-0.24
49	0.30	0.24	0.06	0.00	-0.24	50	0.30	0.23	0.07	0.00	-0.23
50	0.30	0.23	0.07	0.00	-0.23	51	0.28	0.22	0.06	0.00	-0.22
51	0.28	0.22	0.06	0.00	-0.22	52	0.24	0.21	0.03	0.00	-0.21
52	0.24	0.21	0.03	0.00	-0.21	53	0.24	0.21	0.03	0.00	-0.21
53	0.24	0.21	0.03	0.00	-0.21	54	0.24	0.20	0.04	0.00	-0.20
54	0.24	0.20	0.04	0.00	-0.20	55	0.22	0.19	0.03	0.00	-0.19
55	0.22	0.19	0.03	0.00	-0.19	56	0.22	0.19	0.03	0.00	-0.19
56	0.22	0.19	0.03	0.00	-0.19	57	0.18	0.18	0.00	0.00	-0.18
57	0.18	0.18	0.00	0.00	-0.18	58	0.18	0.17	0.01	0.00	-0.17
58	0.18	0.17	0.01	0.00	-0.17	59	0.10	0.17	-0.07	0.00	-0.17
59	0.10	0.17	-0.07	0.00	-0.17	60	0.10	0.16	-0.06	0.00	-0.16
60	0.10	0.16	-0.06	0.00	-0.16	61	0.10	0.15	-0.05	0.00	-0.
61	0.10	0.15	-0.05	0.00	-0.15	62	0.10	0.15	-0.05	0.00	-0.
62	0.10	0.15	-0.05	0.00	-0.15	63	0.10	0.14	-0.04	0.00	-0.

Jam ke -	C 2			A 2	
	Observasi	Model	Residual	Observasi	Residual
63	0.10	0.14	-0.04	0.00	-0.14
64	0.10	0.14	-0.04	0.00	-0.14
65	0.10	0.13	-0.03	0.00	-0.13
68	0.10	0.12	-0.02	0.00	-0.12
69	0.10	0.11	-0.01	0.00	-0.11
70	0.10	0.11	-0.01	0.00	-0.11
71	0.10	0.11	-0.01	0.00	-0.11
72	0.10	0.10	0.00	0.00	-0.10
73	0.10	0.10	0.00	0.00	-0.10
74	0.08	0.09	-0.01	0.00	-0.09
75	0.08	0.09	-0.01	0.00	-0.09
76	0.08	0.09	-0.01	0.00	-0.09
77	0.08	0.08	0.00	0.00	-0.08
78	0.06	0.08	-0.02	0.00	-0.08
79	0.06	0.08	-0.02	0.00	-0.08
80	0.06	0.07	-0.01	0.00	-0.07
81	0.06	0.07	-0.01	0.00	-0.07
82	0.06	0.07	-0.01	0.00	-0.07
83	0.06	0.07	-0.01	0.00	-0.07
84	0.06	0.06	0.00	0.00	-0.06
85	0.06	0.06	0.00	0.00	-0.06
86	0.06	0.06	0.00	0.00	-0.06
87	0.04	0.06	-0.02	0.00	-0.06
88	0.04	0.05	-0.01	0.00	-0.05
89	0.04	0.05	-0.01	0.00	-0.05
90	0.00	0.05	-0.05	0.00	-0.05
LR =	40.80	$\sum \lvert e \rvert$	2.50	$\sum \lvert e \rvert$	22.92

Jam ke -	C 2			B 2	
	Observasi	Model	Residual	Observasi	Residual
64	0.10	0.14	-0.04	0.00	-0.14
65	0.10	0.13	-0.03	0.00	-0.13
66	0.10	0.13	-0.03	0.00	-0.13
69	0.10	0.11	-0.01	0.00	-0.11
70	0.10	0.11	-0.01	0.00	-0.11
71	0.10	0.11	-0.01	0.00	-0.11
72	0.10	0.10	0.00	0.00	-0.10
73	0.10	0.10	0.00	0.00	-0.10
74	0.08	0.09	-0.01	0.00	-0.09
75	0.08	0.09	-0.01	0.00	-0.09
76	0.08	0.09	-0.01	0.00	-0.09
77	0.08	0.08	0.00	0.00	-0.08
78	0.06	0.08	-0.02	0.00	-0.08
79	0.06	0.08	-0.02	0.00	-0.08
80	0.06	0.07	-0.01	0.00	-0.07
81	0.06	0.07	-0.01	0.00	-0.07
82	0.06	0.07	-0.01	0.00	-0.07
83	0.06	0.07	-0.01	0.00	-0.07
84	0.06	0.06	0.00	0.00	-0.06
85	0.06	0.06	0.00	0.00	-0.06
86	0.06	0.06	0.00	0.00	-0.06
87	0.04	0.06	-0.02	0.00	-0.06
88	0.04	0.05	-0.01	0.00	-0.05
89	0.04	0.05	-0.01	0.00	-0.05
90	0.00	0.05	-0.05	0.00	-0.05
LR =	30.56	$\sum \lvert e \rvert$	2.50	$\sum \lvert e \rvert$	17.78

Uji Perbandingan Antar Perlakuan dengan Metode "Likehoood Ratio (LR) Test" Model Distribusi Weibull pada Kondisi Penyimpanan Refrigerator

Jam ke -	D 2			C 2	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	0.97	0.03	1.00	0.03
2	1.00	0.95	0.05	1.00	0.05
3	1.00	0.93	0.07	1.00	0.07
4	1.00	0.90	0.10	0.96	0.06
5	1.00	0.88	0.12	0.96	0.08
6	1.00	0.86	0.14	0.96	0.10
7	0.94	0.84	0.10	0.86	0.02
8	0.92	0.82	0.10	0.86	0.04
9	0.90	0.80	0.10	0.86	0.06
10	0.78	0.79	-0.01	0.84	0.05
11	0.72	0.77	-0.05	0.80	0.03
12	0.72	0.75	-0.03	0.80	0.05
13	0.68	0.73	-0.05	0.80	0.07
14	0.68	0.72	-0.04	0.68	-0.04
15	0.68	0.70	-0.02	0.68	-0.02
16	0.68	0.69	-0.01	0.68	-0.01
17	0.68	0.67	0.01	0.64	-0.03
18	0.68	0.66	0.02	0.64	-0.02
19	0.62	0.64	-0.02	0.64	0.00
20	0.58	0.63	-0.05	0.60	-0.03
21	0.54	0.61	-0.07	0.56	-0.05
22	0.54	0.60	-0.06	0.54	-0.06
23	0.52	0.59	-0.07	0.52	-0.07
24	0.50	0.57	-0.07	0.48	-0.09
25	0.50	0.56	-0.06	0.48	-0.08
26	0.48	0.55	-0.07	0.48	-0.07
27	0.48	0.54	-0.06	0.48	-0.06
28	0.46	0.53	-0.07	0.46	-0.07
29	0.46	0.51	-0.05	0.42	-0.09
30	0.46	0.50	-0.04	0.42	-0.08
31	0.44	0.49	-0.05	0.42	-0.07
32	0.44	0.48	-0.04	0.42	-0.06
33	0.44	0.47	-0.03	0.42	-0.05

Jam ke -	D 2			A 2	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	0.97	0.03	1.00	0.03
2	1.00	0.95	0.05	1.00	0.05
3	1.00	0.93	0.07	0.94	0.01
4	1.00	0.90	0.10	0.92	0.02
5	1.00	0.88	0.12	0.90	0.02
6	1.00	0.86	0.14	0.90	0.04
7	0.94	0.84	0.10	0.90	0.06
8	0.92	0.82	0.10	0.84	0.02
9	0.90	0.80	0.10	0.80	0.00
10	0.78	0.79	-0.01	0.30	-0.49
11	0.72	0.77	-0.05	0.18	-0.59
12	0.72	0.75	-0.03	0.12	-0.63
13	0.68	0.73	-0.05	0.06	-0.67
14	0.68	0.72	-0.04	0.06	-0.66
15	0.68	0.70	-0.02	0.06	-0.64
16	0.68	0.69	-0.01	0.00	-0.69
17	0.68	0.67	0.01	0.00	-0.67
18	0.68	0.66	0.02	0.00	-0.66
19	0.62	0.64	-0.02	0.00	-0.64
20	0.58	0.63	-0.05	0.00	-0.63
21	0.54	0.61	-0.07	0.00	-0.61
22	0.54	0.60	-0.06	0.00	-0.60
23	0.52	0.59	-0.07	0.00	-0.59
24	0.50	0.57	-0.07	0.00	-0.57
25	0.50	0.56	-0.06	0.00	-0.56
26	0.48	0.55	-0.07	0.00	-0.55
27	0.48	0.54	-0.06	0.00	-0.54
28	0.46	0.53	-0.07	0.00	-0.53
29	0.46	0.51	-0.05	0.00	-0.51
30	0.46	0.50	-0.04	0.00	-0.50
31	0.44	0.49	-0.05	0.00	-0.49
32	0.44	0.48	-0.04	0.00	-0.48
33	0.44	0.47	-0.03	0.00	-0.47

Jam ke -	D 2			B 2	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	0.97	0.03	1.00	0.03
2	1.00	0.95	0.05	0.98	0.03
3	1.00	0.93	0.07	0.98	0.05
4	1.00	0.90	0.10	0.98	0.08
5	1.00	0.88	0.12	0.98	0.10
6	1.00	0.86	0.14	0.98	0.12
7	0.94	0.84	0.10	0.96	0.12
8	0.92	0.82	0.10	0.92	0.10
9	0.90	0.80	0.10	0.90	0.10
10	0.78	0.79	-0.01	0.90	0.11
11	0.72	0.77	-0.05	0.70	-0.07
12	0.72	0.75	-0.03	0.66	-0.09
13	0.68	0.73	-0.05	0.56	-0.17
14	0.68	0.72	-0.04	0.54	-0.18
15	0.68	0.70	-0.02	0.54	-0.16
16	0.68	0.69	-0.01	0.54	-0.15
17	0.68	0.67	0.01	0.44	-0.23
18	0.68	0.66	0.02	0.40	-0.26
19	0.62	0.64	-0.02	0.40	-0.24
20	0.58	0.63	-0.05	0.22	-0.41
21	0.54	0.61	-0.07	0.20	-0.41
22	0.54	0.60	-0.06	0.20	-0.40
23	0.52	0.59	-0.07	0.18	-0.41
24	0.50	0.57	-0.07	0.08	-0.49
25	0.50	0.56	-0.06	0.04	-0.52
26	0.48	0.55	-0.07	0.00	-0.55
27	0.48	0.54	-0.06	0.00	-0.54
28	0.46	0.53	-0.07	0.00	-0.53
29	0.46	0.51	-0.05	0.00	-0.51
30	0.46	0.50	-0.04	0.00	
31	0.44	0.49	-0.05	0.00	
32	0.44	0.48	-0.04	0.00	
33	0.44	0.47	-0.03	0.00	

Jam ke -	D 2			C 2	
	Observasi	Model	Residual	Observasi	Residual
34	0.44	0.46	-0.02	0.42	-0.04
35	0.44	0.45	-0.01	0.40	-0.05
36	0.42	0.44	-0.02	0.40	-0.04
37	0.42	0.43	-0.01	0.36	-0.07
38	0.42	0.42	0.00	0.36	-0.06
39	0.42	0.41	0.01	0.36	-0.05
40	0.40	0.40	0.00	0.36	-0.04
41	0.40	0.40	0.00	0.34	-0.06
42	0.40	0.39	0.01	0.34	-0.05
43	0.38	0.38	0.00	0.34	-0.04
44	0.38	0.37	0.01	0.34	-0.03
45	0.38	0.36	0.02	0.32	-0.04
46	0.38	0.36	0.02	0.32	-0.04
47	0.38	0.35	0.03	0.32	-0.03
48	0.38	0.34	0.04	0.32	-0.02
49	0.36	0.33	0.03	0.30	-0.03
50	0.36	0.33	0.03	0.30	-0.03
51	0.34	0.32	0.02	0.28	-0.04
52	0.34	0.31	0.03	0.24	-0.07
53	0.34	0.31	0.03	0.24	-0.07
54	0.32	0.30	0.02	0.24	-0.06
55	0.32	0.29	0.03	0.22	-0.07
56	0.32	0.29	0.03	0.22	-0.07
57	0.30	0.28	0.02	0.18	-0.10
58	0.30	0.28	0.02	0.18	-0.10
59	0.30	0.27	0.03	0.10	-0.17
60	0.30	0.26	0.04	0.10	-0.16
61	0.30	0.26	0.04	0.10	-0.16
62	0.30	0.25	0.05	0.10	-0.15
63	0.28	0.25	0.03	0.10	-0.15
64	0.28	0.24	0.04	0.10	-0.14
65	0.28	0.24	0.04	0.10	-0.14
66	0.28	0.23	0.05	0.10	-0.13
67	0.28	0.23	0.05	0.10	-0.13
68	0.28	0.22	0.06	0.10	-0.12

Jam ke -	D 2			A 2	
	Observasi	Model	Residual	Observasi	Residual
34	0.44	0.46	-0.02	0.00	-0.46
35	0.44	0.45	-0.01	0.00	-0.45
36	0.42	0.44	-0.02	0.00	-0.44
37	0.42	0.43	-0.01	0.00	-0.43
38	0.42	0.42	0.00	0.00	-0.42
39	0.42	0.41	0.01	0.00	-0.41
40	0.40	0.40	0.00	0.00	-0.40
41	0.40	0.40	0.00	0.00	-0.40
42	0.40	0.39	0.01	0.00	-0.39
43	0.38	0.38	0.00	0.00	-0.38
44	0.38	0.37	0.01	0.00	-0.37
45	0.38	0.36	0.02	0.00	-0.36
46	0.38	0.36	0.02	0.00	-0.36
47	0.38	0.35	0.03	0.00	-0.35
48	0.38	0.34	0.04	0.00	-0.34
49	0.36	0.33	0.03	0.00	-0.33
50	0.36	0.33	0.03	0.00	-0.33
51	0.34	0.32	0.02	0.00	-0.32
52	0.34	0.31	0.03	0.00	-0.31
53	0.34	0.31	0.03	0.00	-0.31
54	0.32	0.30	0.02	0.00	-0.30
55	0.32	0.29	0.03	0.00	-0.29
56	0.32	0.29	0.03	0.00	-0.29
57	0.30	0.28	0.02	0.00	-0.28
58	0.30	0.28	0.02	0.00	-0.28
59	0.30	0.27	0.03	0.00	-0.27
60	0.30	0.26	0.04	0.00	-0.26
61	0.30	0.26	0.04	0.00	-0.26
62	0.30	0.25	0.05	0.00	-0.25
63	0.28	0.25	0.03	0.00	-0.25
64	0.28	0.24	0.04	0.00	-0.24
65	0.28	0.24	0.04	0.00	-0.24
66	0.28	0.23	0.05	0.00	-0.23
67	0.28	0.23	0.05	0.00	-0.23
68	0.28	0.22	0.06	0.00	-0.22

Jam ke -	D 2			B 2	
	Observasi	Model	Residual	Observasi	Residual
34	0.44	0.46	-0.02	0.00	-0.46
35	0.44	0.45	-0.01	0.00	-0.45
36	0.42	0.44	-0.02	0.00	-0.44
37	0.42	0.43	-0.01	0.00	-0.43
38	0.42	0.42	0.00	0.00	-0.42
39	0.42	0.41	0.01	0.00	-0.41
40	0.40	0.40	0.00	0.00	-0.40
41	0.40	0.40	0.00	0.00	-0.40
42	0.40	0.39	0.01	0.00	-0.39
43	0.38	0.38	0.00	0.00	-0.38
44	0.38	0.37	0.01	0.00	-0.37
45	0.38	0.36	0.02	0.00	-0.36
46	0.38	0.36	0.02	0.00	-0.36
47	0.38	0.35	0.03	0.00	-0.35
48	0.38	0.34	0.04	0.00	-0.34
49	0.36	0.33	0.03	0.00	-0.33
50	0.36	0.33	0.03	0.00	-0.33
51	0.34	0.32	0.02	0.00	-0.32
52	0.34	0.31	0.03	0.00	-0.31
53	0.34	0.31	0.03	0.00	-0.31
54	0.32	0.30	0.02	0.00	-0.30
55	0.32	0.29	0.03	0.00	-0.29
56	0.32	0.29	0.03	0.00	-0.29
57	0.30	0.28	0.02	0.00	-0.28
58	0.30	0.28	0.02	0.00	-0.28
59	0.30	0.27	0.03	0.00	-0.27
60	0.30	0.26	0.04	0.00	-0.26
61	0.30	0.26	0.04	0.00	-0.26
62	0.30	0.25	0.05	0.00	-0.25
63	0.28	0.25	0.03	0.00	-0.25
64	0.28	0.24	0.04	0.00	-0.24
65	0.28	0.24	0.04	0.00	
66	0.28	0.23	0.05	0.00	
67	0.28	0.23	0.05	0.00	
68	0.28	0.22	0.06	0.00	

Jam ke -	D 2			C 2	
	Observasi	Model	Residual	Observasi	Residual
69	0.28	0.22	0.06	0.10	-0.12
70	0.24	0.21	0.03	0.10	-0.11
71	0.24	0.21	0.03	0.10	-0.11
72	0.24	0.21	0.03	0.10	-0.11
73	0.24	0.20	0.04	0.10	-0.10
74	0.22	0.20	0.02	0.08	-0.12
75	0.22	0.19	0.03	0.08	-0.11
76	0.22	0.19	0.03	0.08	-0.11
77	0.20	0.18	0.02	0.08	-0.10
78	0.20	0.18	0.02	0.06	-0.12
79	0.20	0.18	0.02	0.06	-0.12
80	0.20	0.17	0.03	0.06	-0.11
81	0.20	0.17	0.03	0.06	-0.11
82	0.20	0.17	0.03	0.06	-0.11
83	0.18	0.16	0.02	0.06	-0.10
84	0.16	0.16	0.00	0.06	-0.10
85	0.14	0.16	-0.02	0.06	-0.10
86	0.14	0.15	-0.01	0.06	-0.09
87	0.14	0.15	-0.01	0.04	-0.11
88	0.12	0.15	-0.03	0.04	-0.11
89	0.12	0.14	-0.02	0.04	-0.10
90	0.12	0.14	-0.02	0.00	-0.14
91	0.12	0.14	-0.02	0.00	-0.14
92	0.06	0.14	-0.08	0.00	-0.14
93	0.02	0.13	-0.11	0.00	-0.13
94	0.02	0.13	-0.11	0.00	-0.13
95	0.02	0.13	-0.11	0.00	-0.13
96	0.02	0.12	-0.10	0.00	-0.12
97	0.00	0.12	-0.12	0.00	-0.12
LR =	7.76	$\sum \lvert e \rvert$	3.95	$\sum \lvert e \rvert$	7.83

Jam ke -	D 2			A 2	
	Observasi	Model	Residual	Observasi	Residual
69	0.28	0.22	0.06	0.00	-0.22
70	0.24	0.21	0.03	0.00	-0.21
71	0.24	0.21	0.03	0.00	-0.21
72	0.24	0.21	0.03	0.00	-0.21
73	0.24	0.20	0.04	0.00	-0.20
74	0.22	0.20	0.02	0.00	-0.20
75	0.22	0.19	0.03	0.00	-0.19
76	0.22	0.19	0.03	0.00	-0.19
77	0.20	0.18	0.02	0.00	-0.18
78	0.20	0.18	0.02	0.00	-0.18
79	0.20	0.18	0.02	0.00	-0.18
80	0.20	0.17	0.03	0.00	-0.17
81	0.20	0.17	0.03	0.00	-0.17
82	0.20	0.17	0.03	0.00	-0.17
83	0.18	0.16	0.02	0.00	-0.16
84	0.16	0.16	0.00	0.00	-0.16
85	0.14	0.16	-0.02	0.00	-0.16
86	0.14	0.15	-0.01	0.00	-0.15
87	0.14	0.15	-0.01	0.00	-0.15
88	0.12	0.15	-0.03	0.00	-0.15
89	0.12	0.14	-0.02	0.00	-0.14
90	0.12	0.14	-0.02	0.00	-0.14
91	0.12	0.14	-0.02	0.00	-0.14
92	0.06	0.14	-0.08	0.00	-0.14
93	0.02	0.13	-0.11	0.00	-0.13
94	0.02	0.13	-0.11	0.00	-0.13
95	0.02	0.13	-0.11	0.00	-0.13
96	0.02	0.12	-0.10	0.00	-0.12
97	0.00	0.12	-0.12	0.00	-0.12
LR =	53.04	$\sum \lvert e \rvert$	3.95	$\sum \lvert e \rvert$	30.47

Jam ke -	D 2			B 2	
	Observasi	Model	Residual	Observasi	Residual
69	0.28	0.22	0.06	0.00	-0.22
70	0.24	0.21	0.03	0.00	-0.21
71	0.24	0.21	0.03	0.00	-0.21
72	0.24	0.21	0.03	0.00	-0.21
73	0.24	0.20	0.04	0.00	-0.20
74	0.22	0.20	0.02	0.00	-0.20
75	0.22	0.19	0.03	0.00	-0.19
76	0.22	0.19	0.03	0.00	-0.19
77	0.20	0.18	0.02	0.00	-0.18
78	0 20	0.18	0.02	0.00	-0.18
79	0.20	0.18	0.02	0.00	-0.18
80	0.20	0.17	0.03	0.00	-0.17
81	0.20	0.17	0.03	0.00	-0.17
82	0.20	0.17	0.03	0.00	-0.17
83	0.18	0.16	0.02	0.00	-0.16
84	0.16	0.16	0.00	0.00	-0.16
85	0.14	0.16	-0.02	0.00	-0.16
86	0.14	0.15	-0.01	0.00	-0.15
87	0.14	0.15	-0.01	0.00	-0.15
88	0.12	0.15	-0.03	0.00	-0.15
89	0.12	0.14	-0.02	0.00	-0.14
90	0.12	0.14	-0.02	0.00	-0.14
91	0.12	0.14	-0.02	0.00	-0.14
92	0.06	0.14	-0.08	0.00	-0.14
93	0.02	0.13	-0.11	0.00	-0.13
94	0.02	0.13	-0.11	0.00	-0.13
95	0.02	0.13	-0.11	0.00	-0.13
96	0.02	0.12	-0.10	0.00	-0.12
97	0.00	0.12	-0.12	0.00	-0.12
LR =	42.8	$\sum \lvert e \rvert$	3.95	$\sum \lvert e \rvert$	25.35

Lampiran 12. Uji Perbandingan Antar Kondisi Penyimpanan dengan Metode Likehood Ratio (LR) Test" Model Distribusi Respon Logistik

Jam ke -	A 1			A 2	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	0.95	0.05	1.00	0.05
2	0.84	0.92	-0.08	1.00	0.08
3	0.80	0.89	-0.09	0.94	0.05
4	0.80	0.84	-0.04	0.92	0.08
5	0.80	0.78	0.02	0.90	0.12
6	0.70	0.70	0.00	0.90	0.20
7	0.64	0.61	0.03	0.90	0.29
8	0.56	0.51	0.05	0.84	0.33
9	0.56	0.41	0.15	0.80	0.39
10	0.18	0.32	-0.14	0.30	-0.02
11	0.18	0.24	-0.06	0.18	-0.06
12	0.18	0.18	0.00	0.12	-0.06
13	0.16	0.12	0.04	0.06	-0.06
14	0.08	0.09	-0.01	0.06	-0.03
15	0.04	0.06	-0.02	0.06	0.00
16	0.00	0.04	-0.04	0.00	-0.04
LR =	2.08	$\sum \lvert e \rvert$	0 82	$\sum \lvert e \rvert$	1.86

Jam ke -	B 2			B 1	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	0.98	0.02	0.02	-0.98
2	0.98	0.97	0.01	0.01	-0.97
3	0.98	0.97	0.01	0.01	-0.97
4	0.98	0.96	0.02	0.02	-0.96
5	0.98	0.94	0.04	0.04	-0.94
6	0.98	0.93	0.05	0.05	-0.93
7	0.96	0.91	0.05	0.05	-0.91
8	0.92	0.88	0.04	0.04	-0.88
9	0.90	0.85	0.05	0.05	-0.85
10	0.90	0.82	0.08	0.08	-0.82
11	0.70	0.78	-0.08	-0.08	-0.78
12	0.66	0.73	-0.07	-0.07	-0.73
13	0.56	0.67	-0.11	-0.11	-0.67
14	0.54	0.62	-0.08	-0.08	-0.62
15	0.54	0.55	-0.01	-0.01	-0.55
16	0.54	0.49	0.05	0.05	-0.49
17	0.44	0.42	0.02	0.02	-0.42
18	0.40	0.36	0.04	0.04	-0.36
19	0.40	0.30	0.10	0.10	-0.30
20	0.22	0.25	-0.03	-0.03	-0.25
21	0.20	0.21	-0.01	-0.01	-0.21
22	0.20	0.17	0.03	0.03	-0.17
23	0.18	0.13	0.05	0.05	-0.13
24	0.08	0.11	-0.03	-0.03	-0.11
25	0.04	0.08	-0.04	-0.04	-0.08
26	0.00	0.07	-0.07	-0.07	-0.07
LR =	27.92	$\sum \lvert e \rvert$	1.19	$\sum \lvert e \rvert$	15.15

...ji Perbandingan Antar Kondisi Penyimpanan dengan Metode Likehood Ratio (LR) Test" M...
Respon Logistik

Jam ke -	C 2			C 1	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	0.86	0.14	1.00	0.14
2	1.00	0.85	0.15	0.98	0.13
3	1.00	0.84	0.16	0.92	0.08
4	0.96	0.83	0.13	0.86	0.03
5	0.96	0.82	0.14	0.84	0.02
6	0.96	0.81	0.15	0.80	-0.01
7	0.86	0.81	0.05	0.54	-0.27
8	0.86	0.80	0.06	0.52	-0.28
9	0.86	0.79	0.07	0.46	-0.33
10	0.84	0.77	0.07	0.42	-0.35
11	0.80	0.76	0,04	0.42	-0.34
12	0.80	0.75	0.05	0.40	-0.35
13	0.80	0.74	0.06	0.32	-0.42
14	0.68	0.73	-0.05	0.28	-0.45
15	0.68	0.72	-0.04	0.28	-0.44
16	0.68	0.70	-0.02	0.20	-0.50
17	0.64	0.69	-0.05	0.12	-0.57
18	0.64	0.68	-0.04	0.12	-0.56
19	0.64	0.66	-0.02	0.12	-0.54
20	0.60	0.65	-0.05	0.08	-0.57
21	0.56	0.64	-0.08	0.06	-0.58
22	0.54	0.62	-0.08	0.06	-0.56
23	0.52	0.61	-0.09	0.04	-0.57
24	0.48	0.59	-0.11	0.00	-0.59
25	0.48	0.58	-0.10	0.00	-0.58
26	0.48	0.56	-0.08	0.00	-0.56
27	0.48	0.55	-0.07	0.00	-0.55
28	0.46	0.53	-0.07	0.00	-0.53
29	0.42	0.52	-0.10	0.00	-0.52
30	0.42	0.50	-0.08	0.00	-0.50
31	0.42	0.49	-0.07	0.00	-0.49
32	0.42	0.47	-0.05	0.00	-0.47
33	0.42	0.45	-0.03	0.00	-0.45
34	0.42	0.44	-0.02	0.00	-0.44
35	0.40	0.42	-0.02	0.00	-0.42
36	0.40	0.41	-0.01	0.00	-0.41
37	0.36	0.39	-0.03	0.00	-0.39
38	0.36	0.38	-0.02	0.00	-0.38
39	0.36	0.37	-0.01	0.00	-0.37
40	0.36	0.35	0.01	0.00	-0.35
41	0.34	0.34	0.00	0.00	-0.34
42	0.34	0.32	0.02	0.00	-0.32
43	0.34	0.31	0.03	0.00	-0.31
44	0.34	0.30	0.04	0.00	-0.30
45	0.32	0.29	0.03	0.00	-0.29
46	0.32	0.27	0.05	0.00	-0.27
47	0.32	0.26	0.06	0.00	-0.26
48	0.32	0.25	0.07	0.00	-0.25
49	0.30	0.24	0.06	0.00	-0.24
50	0.30	0.23	0.07	0.00	-0.23
51	0.28	0.22	0.06	0.00	-0.22
52	0.24	0.21	0.03	0.00	-0.21
53	0.24	0.20	0.04	0.00	-0.20

Jam ke -	D 2			D 1	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	0.80	0.20	1.00	0.20
2	1.00	0.80	0.20	1.00	0.20
3	1.00	0.79	0.21	0.98	0.19
4	1.00	0.78	0.22	0.98	0.20
5	1.00	0.78	0.22	0.90	0.12
6	1.00	0.77	0.23	0.88	0.11
7	0.94	0.76	0.18	0.86	0.10
8	0.92	0.75	0.17	0.84	0.09
9	0.90	0.75	0.15	0.80	0.05
10	0.78	0.74	0.04	0.78	0.04
11	0.72	0.73	-0.01	0.72	-0.01
12	0.72	0.72	0.00	0.68	-0.04
13	0.68	0.71	-0.03	0.68	-0.03
14	0.68	0.71	-0.03	0.60	-0.11
15	0.68	0.70	-0.02	0.28	-0.42
16	0.68	0.69	-0.01	0.28	-0.41
17	0.68	0.68	0.00	0.20	-0.48
18	0.68	0.67	0.01	0.16	-0.51
19	0.62	0.66	-0.04	0.16	-0.50
20	0.58	0.65	-0.07	0.12	-0.53
21	0.54	0.64	-0.10	0.10	-0.54
22	0.54	0.63	-0.09	0.10	-0.53
23	0.52	0.62	-0.10	0.10	-0.52
24	0.50	0.61	-0.11	0.02	-0.59
25	0.50	0.60	-0.10	0.00	-0.60
26	0.48	0.59	-0.11	0.00	-0.59
27	0.48	0.58	-0.10	0.00	-0.58
28	0.46	0.57	-0.11	0.00	-0.57
29	0.46	0.57	-0.11	0.00	-0.57
30	0.46	0.55	-0.09	0.00	-0.55
31	0.44	0.54	-0.10	0.00	-0.54
32	0.44	0.53	-0.09	0.00	-0.53
33	0.44	0.52	-0.08	0.00	-0.52
34	0.44	0.51	-0.07	0.00	-0.51
35	0.44	0.50	-0.06	0.00	-0.50
36	0.42	0.49	-0.07	0.00	-0.49
37	0.42	0.48	-0.06	0.00	-0.48
38	0.42	0.47	-0.05	0.00	-0.47
39	0.42	0.46	-0.04	0.00	-0.46
40	0.40	0.45	-0.05	0.00	-0.45
41	0.40	0.44	-0.04	0.00	-0.44
42	0.40	0.43	-0.03	0.00	-0.43
43	0.38	0.42	-0.04	0.00	-0.42
44	0.38	0.41	-0.03	0.00	-0.41
45	0.38	0.40	-0.02	0.00	-0.40
46	0.38	0.39	-0.01	0.00	-0.39
47	0.38	0.38	0.00	0.00	-0.38
48	0.38	0.37	0.01	0.00	-0.37
49	0.36	0.37	-0.01	0.00	-0.37
50	0.36	0.36	0.00	0.00	-0.36
51	0.34	0.35	-0.01	0.00	-0.35
52	0.34	0.34	0.00	0.00	-0.34
53	0.34	0.33	0.01	0.00	-0.33

54	0.24	0.19	0.05	0.00	-0.19
55	0.22	0.18	0.04	0.00	-0.18
56	0.22	0.17	0.05	0.00	-0.17
57	0.18	0.16	0.02	0.00	-0.16
58	0.18	0.15	0.03	0.00	-0.15
59	0.10	0.14	-0.04	0.00	-0.14
60	0.10	0.14	-0.04	0.00	-0.14
61	0.10	0.13	-0.03	0.00	-0.13
62	0.10	0.12	-0.02	0.00	-0.12
63	0.10	0.12	-0.02	0.00	-0.12
64	0.10	0.11	-0.01	0.00	-0.11
65	0.10	0.10	0.00	0.00	-0.10
66	0.10	0.10	0.00	0.00	-0.10
67	0.10	0.09	0.01	0.00	-0.09
68	0.10	0.09	0.01	0.00	-0.09
69	0.10	0.08	0.02	0.00	-0.08
70	0.10	0.08	0.02	0.00	-0.08
71	0.10	0.07	0.03	0.00	-0.07
72	0.10	0.07	0.03	0.00	-0.07
73	0.10	0.07	0.03	0.00	-0.07
74	0.08	0.06	0.02	0.00	-0.06
75	0.08	0.06	0.02	0.00	-0.06
76	0.08	0.06	0.02	0.00	-0.06
77	0.08	0.05	0.03	0.00	-0.05
78	0.06	0.05	0.01	0.00	-0.05
79	0.06	0.05	0.01	0.00	-0.05
80	0.06	0.04	0.02	0.00	-0.04
81	0.06	0.04	0.02	0.00	-0.04
82	0.06	0.04	0.02	0.00	-0.04
83	0.06	0.04	0.02	0.00	-0.04
84	0.06	0.03	0.03	0.00	-0.03
85	0.06	0.03	0.03	0.00	-0.03
86	0.06	0.03	0.03	0.00	-0.03
87	0.04	0.03	0.01	0.00	-0.03
88	0.04	-0.03	0.01	0.00	-0.03
89	0.04	0.03	0.01	0.00	-0.03
90	0.00	0.02	-0.02	0.00	-0.02
LR =	43.32	Σ |e|	0.92	Σ |e|	22.58

54	0.32	0.32	0.00	0.(	
55	0.32	0.31	0.01	0.00	-0.31
56	0.32	0.30	0.02	0.00	-0.30
57	0.30	0.29	0.01	0.00	-0.29
58	0.30	0.29	0.01	0.00	-0.29
59	0.30	0.28	0.02	0.00	-0.28
60	0.30	0.27	0.03	0.00	-0.27
61	0.30	0.26	0.04	0.00	-0.26
62	0.30	0.25	0.05	0.00	-0.25
63	0.28	0.25	0.03	0.00	-0.25
64	0.28	0.24	0.04	0.00	-0.24
65	0.28	0.23	0.05	0.00	-0.23
66	0.28	0.22	0.06	0.00	-0.22
67	0.28	0.22	0.06	0.00	-0.22
68	0.28	0.21	0.07	0.00	-0.21
69	0.28	0.20	0.08	0.00	-0.20
70	0.24	0.20	0.04	0.00	-0.20
71	0.24	0.19	0.05	0.00	-0.19
72	0.24	0.18	0.06	0.00	-0.18
73	0.24	0.18	0.06	0.00	-0.18
74	0.22	0.17	0.05	0.00	-0.17
75	0.22	0.17	0.05	0.00	-0.17
76	0.22	0.16	0.06	0.00	-0.16
77	0.20	0.16	0.04	0.00	-0.16
78	0.20	0.15	0.05	0.00	-0.15
79	0.20	0.14	0.06	0.00	-0.14
80	0.20	0.14	0.06	0.00	-0.14
81	0.20	0.14	0.06	0.00	-0.14
82	0.20	0.13	0.07	0.00	-0.13
83	0.18	0.13	0.05	0.00	-0.13
84	0.16	0.12	0.04	0.00	-0.12
85	0.14	0.12	0.02	0.00	-0.12
86	0.14	0.11	0.03	0.00	-0.11
87	0.14	0.11	0.03	0.00	-0.11
88	0.12	0.11	0.01	0.00	-0.11
89	0.12	0.10	0.02	0.00	-0.10
90	0.12	0.10	0.02	0.00	-0.10
91	0.12	0.09	0.03	0.00	-0.09
92	0.06	0.09	-0.03	0.00	-0.09
93	0.02	0.09	-0.07	0.00	-0.09
94	0.02	0.08	-0.06	0.00	-0.08
95	0.02	0.08	-0.06	0.00	-0.08
96	0.02	0.08	-0.06	0.00	-0.08
97	0.00	0.08	-0.08	0.00	-0.08
LR =	43.64	Σ |e|	5.84	Σ |e|	27.66

Uji Perbandingan Antar Kondisi Penyimpanan dengan Metode " Likehood Ratio (LR) Test" Model Distribusi Log Logistik .

Jam ke -	A 1			A 2	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	1.00	0.00	1.00	0.00
2	0.84	0.99	-0.15	1.00	0.01
3	0.80	0.96	-0.16	0.94	-0.02
4	0.80	0.91	-0.11	0.92	0.01
5	0.80	0.82	-0.02	0.90	0.08
6	0.70	0.71	-0.01	0.90	0.19
7	0.64	0.59	0.05	0.90	0.31
8	0.56	0.48	0.08	0.84	0.36
9	0.56	0.38	0.18	0.80	0.42
10	0.18	0.30	-0.12	0.30	0.00
11	0.18	0.24	-0.06	0.18	-0.06
12	0.18	0.19	-0.01	0.12	-0.07
13	0.16	0.15	0.01	0.06	-0.09
14	0.08	0.12	-0.04	0.06	-0.06
15	0.04	0.10	-0.06	0.06	-0.04
16	0.00	0.08	-0.08	0.00	-0.08
		$\sum \lvert e \rvert$	1.14	$\sum \lvert e \rvert$	1.80

LR = 1.32

Jam ke -	B 2			B 1	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	1.00	0.00	1.00	0.00
2	0.98	1.00	-0.02	1.00	0.00
3	0.98	1.00	-0.02	0.96	-0.04
4	0.98	0.99	-0.01	0.96	-0.03
5	0.98	0.99	-0.01	0.96	-0.03
6	0.98	0.97	0.01	0.88	-0.09
7	0.96	0.95	0.01	0.76	-0.19
8	0.92	0.92	0.00	0.74	-0.18
9	0.90	0.88	0.02	0.72	-0.16
10	0.90	0.83	0.07	0.56	-0.27
11	0.70	0.78	-0.08	0.56	-0.22
12	0.66	0.71	-0.05	0.46	-0.25
13	0.56	0.65	-0.09	0.18	-0.47
14	0.54	0.58	-0.04	0.06	-0.52
15	0.54	0.51	0.03	0.06	-0.45
16	0.54	0.45	0.09	0.06	-0.39
17	0.44	0.39	0.05	0.00	-0.39
18	0.40	0.34	0.06	0.00	-0.34
19	0.40	0.29	0.11	0.00	-0.29
20	0.22	0.25	-0.03	0.00	-0.25
21	0.20	0.22	-0.02	0.00	-0.22
22	0.20	0.19	0.01	0.00	-0.19
23	0.18	0.17	0.01	0.00	-0.17
24	0.08	0.14	-0.06	0.00	-0.14
25	0.04	0.13	-0.09	0.00	-0.13
26	0.00	0.11	-0.11	0.00	-0.11
		$\sum \lvert e \rvert$	1.10	$\sum \lvert e \rvert$	5.52

LR = 8.84

Uji Perbandingan Antar Kondisi Penyimpanan dengan Metode " Likehood Ratio (LR) Test" Model Distribusi Log Logistik

Jam ke -	C 2			C 1	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	1.00	0.00	1.00	0.00
2	1.00	0.99	0.01	0.98	-0.01
3	1.00	0.98	0.02	0.92	-0.06
4	0.96	0.97	-0.01	0.86	-0.11
5	0.96	0.95	0.01	0.84	-0.11
6	0.96	0.94	0.02	0.8	-0.14
7	0.86	0.92	-0.06	0.54	-0.38
8	0.86	0.90	-0.04	0.52	-0.38
9	0.86	0.87	-0.01	0.46	-0.41
10	0.84	0.85	-0.01	0.42	-0.43
11	0.80	0.83	-0.03	0.42	-0.41
12	0.80	0.80	0.00	0.4	-0.40
13	0.80	0.78	0.02	0.32	-0.46
14	0.68	0.75	-0.07	0.28	-0.47
15	0.68	0.73	-0.05	0.28	-0.45
16	0.68	0.70	-0.02	0.2	-0.50
17	0.64	0.68	-0.04	0.12	-0.56
18	0.64	0.66	-0.02	0.12	-0.54
19	0.64	0.63	0.01	0.12	-0.51
20	0.60	0.61	-0.01	0.08	-0.53
21	0.56	0.59	-0.03	0.06	-0.53
22	0.54	0.57	-0.03	0.06	-0.51
23	0.52	0.55	-0.03	0.04	-0.51
24	0.48	0.53	-0.05	0.00	-0.53
25	0.48	0.51	-0.03	0.00	-0.51
26	0.48	0.49	-0.01	0.00	-0.49
27	0.48	0.47	0.01	0.00	-0.47
28	0.46	0.46	0.00	0.00	-0.46
29	0.42	0.44	-0.02	0.00	-0.44
30	0.42	0.42	0.00	0.00	-0.42
31	0.42	0.41	0.01	0.00	-0.41

Jam ke -	D 2			D 1	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	0.99	0.01	1.00	0.01
2	1.00	0.98	0.02	1.00	0.02
3	1.00	0.96	0.04	0.98	0.02
4	1.00	0.94	0.06	0.98	0.04
5	1.00	0.92	0.08	0.90	-0.02
6	1.00	0.90	0.10	0.88	-0.02
7	0.94	0.88	0.06	0.86	-0.02
8	0.92	0.85	0.07	0.84	-0.01
9	0.90	0.83	0.07	0.80	-0.03
10	0.78	0.81	-0.03	0.78	-0.03
11	0.72	0.79	-0.07	0.72	-0.07
12	0.72	0.77	-0.05	0.68	-0.09
13	0.68	0.75	-0.07	0.68	-0.07
14	0.68	0.73	-0.05	0.60	-0.13
15	0.68	0.71	-0.03	0.28	-0.43
16	0.68	0.69	-0.01	0.28	-0.41
17	0.68	0.67	0.01	0.20	-0.47
18	0.68	0.65	0.03	0.16	-0.49
19	0.62	0.64	-0.02	0.16	-0.48
20	0.58	0.62	-0.04	0.12	-0.50
21	0.54	0.60	-0.06	0.10	-0.50
22	0.54	0.59	-0.05	0.10	-0.49
23	0.52	0.57	-0.05	0.10	-0.47
24	0.50	0.56	-0.06	0.02	-0.54
25	0.50	0.54	-0.04	0.00	-0.54
26	0.48	0.53	-0.05	0.00	-0.53
27	0.48	0.52	-0.04	0.00	-0.52
28	0.46	0.50	-0.04	0.00	-0.50
29	0.46	0.49	-0.03	0.00	-0.49
30	0.46	0.48	-0.02	0.00	-0.48
31	0.44	0.47	-0.03	0.00	-0.47

32	0.42	0.40	0.02	0.00	-0.40
33	0.42	0.38	0.04	0.00	-0.38
34	0.42	0.37	0.05	0.00	-0.37
35	0.40	0.36	0.04	0.00	-0.36
36	0.40	0.34	0.06	0.00	-0.34
37	0.36	0.33	0.03	0.00	-0.33
38	0.36	0.32	0.04	0.00	-0.32
39	0.36	0.31	0.05	0.00	-0.31
40	0.36	0.30	0.06	0.00	-0.30
41	0.34	0.29	0.05	0.00	-0.29
42	0.34	0.28	0.06	0.00	-0.28
43	0.34	0.27	0.07	0.00	-0.27
44	0.34	0.27	0.07	0.00	-0.27
45	0.32	0.26	0.06	0.00	-0.26
46	0.32	0.25	0.07	0.00	-0.25
47	0.32	0.24	0.08	0.00	-0.24
48	0.32	0.24	0.08	0.00	-0.24
49	0.30	0.23	0.07	0.00	-0.23
50	0.30	0.22	0.08	0.00	-0.22
51	0.28	0.22	0.06	0.00	-0.22
52	0.24	0.21	0.03	0.00	-0.21
53	0.24	0.20	0.04	0.00	-0.20
54	0.24	0.20	0.04	0.00	-0.20
55	0.22	0.19	0.03	0.00	-0.19
56	0.22	0.19	0.03	0.00	-0.19
57	0.18	0.18	0.00	0.00	-0.18
58	0.18	0.18	0.00	0.00	-0.18
59	0.10	0.17	-0.07	0.00	-0.17
60	0.10	0.17	-0.07	0.00	-0.17
61	0.10	0.16	-0.06	0.00	-0.16
62	0.10	0.16	-0.06	0.00	-0.16
63	0.10	0.16	-0.06	0.00	-0.16
64	0.10	0.15	-0.05	0.00	-0.15
65	0.10	0.15	-0.05	0.00	-0.15
66	0.10	0.15	-0.05	0.00	-0.15
67	0.10	0.14	-0.04	0.00	-0.14

32	0.44	0.46	-0.02	0.00	-0.46
33	0.44	0.45	-0.01	0.00	-0.45
34	0.44	0.44	0.00	0.00	-0.44
35	0.44	0.43	0.01	0.00	-0.43
36	0.42	0.42	0.00	0.00	-0.42
37	0.42	0.41	0.01	0.00	-0.41
38	0.42	0.40	0.02	0.00	-0.40
39	0.42	0.39	0.03	0.00	-0.39
40	0.40	0.38	0.02	0.00	-0.38
41	0.40	0.37	0.03	0.00	-0.37
42	0.40	0.37	0.03	0.00	-0.37
43	0.38	0.36	0.02	0.00	-0.36
44	0.38	0.35	0.03	0.00	-0.35
45	0.38	0.34	0.04	0.00	-0.34
46	0.38	0.34	0.04	0.00	-0.34
47	0.38	0.33	0.05	0.00	-0.33
48	0.38	0.32	0.06	0.00	-0.32
49	0.36	0.32	0.04	0.00	-0.32
50	0.36	0.31	0.05	0.00	-0.31
51	0.34	0.31	0.03	0.00	-0.31
52	0.34	0.30	0.04	0.00	-0.30
53	0.34	0.29	0.05	0.00	-0.29
54	0.32	0.29	0.03	0.00	-0.29
55	0.32	0.28	0.04	0.00	-0.28
56	0.32	0.28	0.04	0.00	-0.28
57	0.30	0.27	0.03	0.00	-0.27
58	0.30	0.27	0.03	0.00	-0.27
59	0.30	0.26	0.04	0.00	-0.26
60	0.30	0.26	0.04	0.00	-0.26
61	0.30	0.26	0.04	0.00	-0.26
62	0.30	0.25	0.05	0.00	-0.25
63	0.28	0.25	0.03	0.00	-0.25
64	0.28	0.24	0.04	0.00	-0.24
65	0.28	0.24	0.04	0.00	-0.24
66	0.28	0.24	0.04	0.00	-0.24
67	0.28	0.23	0.05	0.00	-0.23

68	0.10	0.14	-0.04	0.00	-0.14
69	0.10	0.14	-0.04	0.00	-0.14
70	0.10	0.13	-0.03	0.00	-0.13
71	0.10	0.13	-0.03	0.00	-0.13
72	0.10	0.13	-0.03	0.00	-0.13
73	0.10	0.12	-0.02	0.00	-0.12
74	0.08	0.12	-0.04	0.00	-0.12
75	0.08	0.12	-0.04	0.00	-0.12
76	0.08	0.12	-0.04	0.00	-0.12
77	0.08	0.11	-0.03	0.00	-0.11
78	0.06	0.11	-0.05	0.00	-0.11
79	0.06	0.11	-0.05	0.00	-0.11
80	0.06	0.11	-0.05	0.00	-0.11
81	0.06	0.10	-0.04	0.00	-0.10
82	0.06	0.10	-0.04	0.00	-0.10
83	0.06	0.10	-0.04	0.00	-0.10
84	0.06	0.10	-0.04	0.00	-0.10
85	0.06	0.10	-0.04	0.00	-0.10
86	0.06	0.09	-0.03	0.00	-0.09
87	0.04	0.09	-0.05	0.00	-0.09
88	0.04	0.09	-0.05	0.00	-0.09
89	0.04	0.09	-0.05	0.00	-0.09
90	0.00	0.09	-0.09	0.00	-0.09
LR =	39.72	$\sum$ |e|	3.46	$\sum$ |e|	23.32

68	0.28	0.23	0.05	0.00	-0.23
69	0.28	0.22	0.06	0.00	-0.22
70	0.24	0.22	0.02	0.00	-0.22
71	0.24	0.22	0.02	0.00	-0.22
72	0.24	0.21	0.03	0.00	-0.21
73	0.24	0.21	0.03	0.00	-0.21
74	0.22	0.21	0.01	0.00	-0.21
75	0.22	0.20	0.02	0.00	-0.20
76	0.22	0.20	0.02	0.00	-0.20
77	0.20	0.20	0.00	0.00	-0.20
78	0.20	0.20	0.00	0.00	-0.20
79	0.20	0.19	0.01	0.00	-0.19
80	0.20	0.19	0.01	0.00	-0.19
81	0.20	0.19	0.01	0.00	-0.19
82	0.20	0.19	0.01	0.00	-0.19
83	0.18	0.18	0.00	0.00	-0.18
84	0.16	0.18	-0.02	0.00	-0.18
85	0.14	0.18	-0.04	0.00	-0.18
86	0.14	0.18	-0.04	0.00	-0.18
87	0.14	0.17	-0.03	0.00	-0.17
88	0.12	0.17	-0.05	0.00	-0.17
89	0.12	0.17	-0.05	0.00	-0.17
90	0.12	0.17	-0.05	0.00	-0.17
91	0.12	0.16	-0.04	0.00	-0.16
92	0.06	0.16	-0.10	0.00	-0.16
93	0.02	0.16	-0.14	0.00	-0.16
94	0.02	0.16	-0.14	0.00	-0.16
95	0.02	0.16	-0.14	0.00	-0.16
96	0.02	0.15	-0.13	0.00	-0.15
97	0.00	0.15	-0.15	0.00	-0.15
LR =	44.4	$\sum$ |e|	3.98	$\sum$ |e|	26.18

Uji Perbandingan Antar Kondisi Penyimpanan dengan Metode "*Likehood Ratio (LR)*" Test Model Distribusi Weibull

Jam ke -	A 1			A 2	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	0.99	0.01	1.00	0.01
2	0.84	0.97	-0.13	1.00	0.03
3	0.80	0.92	-0.12	0.94	0.02
4	0.80	0.86	-0.06	0.92	0.06
5	0.80	0.78	0.02	0.90	0.12
6	0.70	0.69	0.01	0.90	0.21
7	0.64	0.59	0.05	0.90	0.31
8	0.56	0.50	0.06	0.84	0.34
9	0.56	0.40	0.16	0.80	0.40
10	0.18	0.32	-0.14	0.30	-0.02
11	0.18	0.24	-0.06	0.18	-0.06
12	0.18	0.18	0.00	0.12	-0.06
13	0.16	0.13	0.03	0.06	-0.07
14	0.08	0.09	-0.01	0.06	-0.03
15	0.04	0.06	-0.02	0.06	0.00
16	0.00	0.04	-0.04	0.00	-0.04
		$\sum \lvert e \rvert$	0.92	$\sum \lvert e \rvert$	1.78

LR = 1.72

Jam ke -	B 2			B 1	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	1.00	0.00	1.00	0.00
2	0.98	1.00	-0.02	1.00	0.00
3	0.98	0.99	-0.01	0.96	-0.03
4	0.98	0.98	0.00	0.96	-0.02
5	0.98	0.97	0.01	0.96	0.00
6	0.98	0.95	0.03	0.88	-0.04
7	0.96	0.93	0.03	0.76	-0.10
8	0.92	0.90	0.02	0.74	-0.04
9	0.90	0.86	0.04	0.72	0.03
10	0.90	0.82	0.08	0.56	-0.02
11	0.70	0.77	-0.07	0.56	0.10
12	0.66	0.72	-0.06	0.46	0.11
13	0.56	0.66	-0.10	0.18	-0.06
14	0.54	0.60	-0.06	0.06	-0.10
15	0.54	0.54	0.00	0.06	-0.03
16	0.54	0.48	0.06	0.06	0.01
17	0.44	0.42	0.02	0.00	-0.02
18	0.40	0.36	0.04	0.00	-0.02
19	0.40	0.31	0.09	0.00	-0.02
20	0.22	0.26	-0.04	0.00	-0.02
21	0.20	0.21	-0.01	0.00	-0.02
22	0.20	0.17	0.03	0.00	-0.02
23	0.18	0.14	0.04	0.00	-0.02
24	0.08	0.11	-0.03	0.00	-0.02
25	0.04	0.08	-0.04	0.00	-0.02
26	0.00	0.06	-0.06	0.00	-0.02
		$\sum \lvert e \rvert$	0.99	$\sum \lvert e \rvert$	0.89

LR = 0.20

Uji Perbandingan Antar Kondisi Penyimpanan dengan Metode "*Likehood Ratio (LR)*" Test Model Distribusi Weibull pada Kondisi Penyimpanan Suhu Dingin

Jam ke -	C 2			C 1	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	0.99	0.01	1.00	0.01
2	1.00	0.97	0.03	0.98	0.01
3	1.00	0.95	0.05	0.92	-0.03
4	0.96	0.93	0.03	0.86	-0.07
5	0.96	0.91	0.05	0.84	-0.07
6	0.96	0.89	0.07	0.80	-0.09
7	0.86	0.87	-0.01	0.54	-0.33
8	0.86	0.85	0.01	0.52	-0.33
9	0.86	0.83	0.03	0.46	-0.37
10	0.84	0.81	0.03	0.42	-0.39
11	0.80	0.79	0.01	0.42	-0.37
12	0.80	0.77	0.03	0.40	-0.37
13	0.80	0.75	0.05	0.32	-0.43
14	0.68	0.73	-0.05	0.28	-0.45
15	0.68	0.71	-0.03	0.28	-0.43
16	0.68	0.69	-0.01	0.20	-0.49
17	0.64	0.67	-0.03	0.12	-0.55
18	0.64	0.65	-0.01	0.12	-0.53
19	0.64	0.64	0.00	0.12	-0.52
20	0.60	0.62	-0.02	0.08	-0.54
21	0.56	0.60	-0.04	0.06	-0.54
22	0.54	0.58	-0.04	0.06	-0.52
23	0.52	0.56	-0.04	0.04	-0.52
24	0.48	0.55	-0.07	0.00	-0.55
25	0.48	0.53	-0.05	0.00	-0.53
26	0.48	0.52	-0.04	0.00	-0.52
27	0.48	0.50	-0.02	0.00	-0.50
28	0.46	0.48	-0.02	0.00	-0.48
29	0.42	0.47	-0.05	0.00	-0.47
30	0.42	0.45	-0.03	0.00	-0.45

Jam ke -	D 2			D 1	
	Observasi	Model	Residual	Observasi	Residual
1	1.00	0.97	0.03	1.00	0.03
2	1.00	0.95	0.05	1.00	0.05
3	1.00	0.93	0.07	0.98	0.05
4	1.00	0.90	0.10	0.98	0.08
5	1.00	0.88	0.12	0.90	0.02
6	1.00	0.86	0.14	0.88	0.02
7	0.94	0.84	0.10	0.86	0.02
8	0.92	0.82	0.10	0.84	0.02
9	0.90	0.80	0.10	0.80	0.00
10	0.78	0.79	-0.01	0.78	-0.01
11	0.72	0.77	-0.05	0.72	-0.05
12	0.72	0.75	-0.03	0.68	-0.07
13	0.68	0.73	-0.05	0.68	-0.05
14	0.68	0.72	-0.04	0.60	-0.12
15	0.68	0.70	-0.02	0.28	-0.42
16	0.68	0.69	-0.01	0.28	-0.41
17	0.68	0.67	0.01	0.20	-0.47
18	0.68	0.66	0.02	0.16	-0.50
19	0.62	0.64	-0.02	0.16	-0.48
20	0.58	0.63	-0.05	0.12	-0.51
21	0.54	0.61	-0.07	0.10	-0.51
22	0.54	0.60	-0.06	0.10	-0.50
23	0.52	0.59	-0.07	0.10	-0.49
24	0.50	0.57	-0.07	0.02	-0.55
25	0.50	0.56	-0.06	0.00	-0.56
26	0.48	0.55	-0.07	0.00	-0.55
27	0.48	0.54	-0.06	0.00	-0.54
28	0.46	0.53	-0.07	0.00	-0.53
29	0.46	0.51	-0.05	0.00	-0.51
30	0.46	0.50	-0.04	0.00	-0.50

31	0.42	0.44	-0.02	0.00	-0.44
32	0.42	0.43	-0.01	0.00	-0.43
33	0.42	0.41	0.01	0.00	-0.41
34	0.42	0.40	0.02	0.00	-0.40
35	0.40	0.39	0.01	0.00	-0.39
36	0.40	0.37	0.03	0.00	-0.37
37	0.36	0.36	0.00	0.00	-0.36
38	0.36	0.35	0.01	0.00	-0.35
39	0.36	0.34	0.02	0.00	-0.34
40	0.36	0.33	0.03	0.00	-0.33
41	0.34	0.32	0.02	0.00	-0.32
42	0.34	0.31	0.03	0.00	-0.31
43	0.34	0.29	0.05	0.00	-0.29
44	0.34	0.28	0.06	0.00	-0.28
45	0.32	0.27	0.05	0.00	-0.27
46	0.32	0.27	0.05	0.00	-0.27
47	0.32	0.26	0.06	0.00	-0.26
48	0.32	0.25	0.07	0.00	-0.25
49	0.30	0.24	0.06	0.00	-0.24
50	0.30	0.23	0.07	0.00	-0.23
51	0.28	0.22	0.06	0.00	-0.22
52	0.24	0.21	0.03	0.00	-0.21
53	0.24	0.21	0.03	0.00	-0.21
54	0.24	0.20	0.04	0.00	-0.20
55	0.22	0.19	0.03	0.00	-0.19
56	0.22	0.19	0.03	0.00	-0.19
57	0.18	0.18	0.00	0.00	-0.18
58	0.18	0.17	0.01	0.00	-0.17
59	0.10	0.17	-0.07	0.00	-0.17
60	0.10	0.16	-0.06	0.00	-0.16
61	0.10	0.15	-0.05	0.00	-0.15
62	0.10	0.15	-0.05	0.00	-0.15
63	0.10	0.14	-0.04	0.00	-0.14
64	0.10	0.14	-0.04	0.00	-0.14
65	0.10	0.13	-0.03	0.00	-0.13
66	0.10	0.13	-0.03	0.00	-0.13

31	0.44	0.49	-0.05	0.00	-0.49
32	0.44	0.48	-0.04	0.00	-0.48
33	0.44	0.47	-0.03	0.00	-0.47
34	0.44	0.46	-0.02	0.00	-0.46
35	0.44	0.45	-0.01	0.00	-0.45
36	0.42	0.44	-0.02	0.00	-0.44
37	0.42	0.43	-0.01	0.00	-0.43
38	0.42	0.42	0.00	0.00	-0.42
39	0.42	0.41	0.01	0.00	-0.41
40	0.40	0.40	0.00	0.00	-0.40
41	0.40	0.40	0.00	0.00	-0.40
42	0.40	0.39	0.01	0.00	-0.39
43	0.38	0.38	0.00	0.00	-0.38
44	0.38	0.37	0.01	0.00	-0.37
45	0.38	0.36	0.02	0.00	-0.36
46	0.38	0.36	0.02	0.00	-0.36
47	0.38	0.35	0.03	0.00	-0.35
48	0.38	0.34	0.04	0.00	-0.34
49	0.36	0.33	0.03	0.00	-0.33
50	0.36	0.33	0.03	0.00	-0.33
51	0.34	0.32	0.02	0.00	-0.32
52	0.34	0.31	0.03	0.00	-0.31
53	0.34	0.31	0.03	0.00	-0.31
54	0.32	0.30	0.02	0.00	-0.30
55	0.32	0.29	0.03	0.00	-0.29
56	0.32	0.29	0.03	0.00	-0.29
57	0.30	0.28	0.02	0.00	-0.28
58	0.30	0.28	0.02	0.00	-0.28
59	0.30	0.27	0.03	0.00	-0.27
60	0.30	0.26	0.04	0.00	-0.26
61	0.30	0.26	0.04	0.00	-0.26
62	0.30	0.25	0.05	0.00	-0.25
63	0.28	0.25	0.03	0.00	-0.25
64	0.28	0.24	0.04	0.00	-0.24
65	0.28	0.24	0.04	0.00	-0.24
66	0.28	0.23	0.05	0.00	-0.23

67	0.10	0.12	-0.02	0.00	-0.12
68	0.10	0.12	-0.02	0.00	-0.12
69	0.10	0.11	-0.01	0.00	-0.11
70	0.10	0.11	-0.01	0.00	-0.11
71	0.10	0.11	-0.01	0.00	-0.11
72	0.10	0.10	0.00	0.00	-0.10
73	0.10	0.10	0.00	0.00	-0.10
74	0.08	0.09	-0.01	0.00	-0.09
75	0.08	0.09	-0.01	0.00	-0.09
76	0.08	0.09	-0.01	0.00	-0.09
77	0.08	0.08	0.00	0.00	-0.08
78	0.06	0.08	-0.02	0.00	-0.08
79	0.06	0.08	-0.02	0.00	-0.08
80	0.06	0.07	-0.01	0.00	-0.07
81	0.06	0.07	-0.01	0.00	-0.07
82	0.06	0.07	-0.01	0.00	-0.07
83	0.06	0.07	-0.01	0.00	-0.07
84	0.06	0.06	0.00	0.00	-0.06
85	0.06	0.06	0.00	0.00	-0.06
86	0.06	0.06	0.00	0.00	-0.06
87	0.04	0.06	-0.02	0.00	-0.06
88	0.04	0.05	-0.01	0.00	-0.05
89	0.04	0.05	-0.01	0.00	-0.05
90	0.00	0.05	-0.05	0.00	-0.05
LR =	40.38	$\sum \lvert e \rvert$	2.50	$\sum \lvert e \rvert$	22.69

40.38

67	0.28	0.23	0.05	0.00	-0.23
68	0.28	0.22	0.06	0.00	-0.22
69	0.28	0.22	0.06	0.00	-0.22
70	0.24	0.21	0.03	0.00	-0.21
71	0.24	0.21	0.03	0.00	-0.21
72	0.24	0.21	0.03	0.00	-0.21
73	0.24	0.20	0.04	0.00	-0.20
74	0.22	0.20	0.02	0.00	-0.20
75	0.22	0.19	0.03	0.00	-0.19
76	0.22	0.19	0.03	0.00	-0.19
77	0.20	0.18	0.02	0.00	-0.18
78	0.20	0.18	0.02	0.00	-0.18
79	0.20	0.18	0.02	0.00	-0.18
80	0.20	0.17	0.03	0.00	-0.17
81	0.20	0.17	0.03	0.00	-0.17
82	0.20	0.17	0.03	0.00	-0.17
83	0.18	0.16	0.02	0.00	-0.16
84	0.16	0.16	0.00	0.00	-0.16
85	0.14	0.16	-0.02	0.00	-0.16
86	0.14	0.15	-0.01	0.00	-0.15
87	0.14	0.15	-0.01	0.00	-0.15
88	0.12	0.15	-0.03	0.00	-0.15
89	0.12	0.14	-0.02	0.00	-0.14
90	0.12	0.14	-0.02	0.00	-0.14
91	0.12	0.14	-0.02	0.00	-0.14
92	0.06	0.14	-0.08	0.00	-0.14
93	0.02	0.13	-0.11	0.00	-0.13
94	0.02	0.13	-0.11	0.00	-0.13
95	0.02	0.13	-0.11	0.00	-0.13
96	0.02	0.12	-0.10	0.00	-0.12
97	0.00	0.12	-0.12	0.00	-0.12
LR =	44.72	$\sum \lvert e \rvert$	3.95	$\sum \lvert e \rvert$	26.31

LAMPIRAN 13. HASIL RESIDUAL MODEL WEIBULL DAN LOG-LOGISTIK

Jam ke -	RUANG TERBUKA								REFRIGERATOR							
	A		B		C		D		A		B		C		D	
	log logistik	weibull	log logistik	weibull	log logistik	weibull	log logistik	weibull	log logistik	weibull	log logistik	weibull	log logistik	weibull	log logistik	weibull
1	0	0.01	0	0	0	0.02	0	0	0	0	0	0	0	0.01	0.01	0.03
2	-0.15	-0.13	0	0	0	0.03	0	0	0	0	-0.02	-0.02	0.01	0.03	0.02	0.05
3	-0.16	-0.12	-0.04	-0.03	-0.02	0.02	0	-0.01	-0.06	-0.06	-0.02	-0.01	0.02	0.05	0.04	0.07
4	-0.11	-0.06	-0.03	-0.02	-0.02	0.02	0	0.00	-0.08	-0.08	-0.01	0	-0.01	0.03	0.06	0.10
5	-0.02	0.02	-0.02	0.00	0.03	0.06	0.01	-0.07	-0.1	-0.09	-0.01	0.01	0.01	0.05	0.08	0.12
6	-0.01	0.01	-0.07	-0.04	0.07	0.08	-0.06	-0.07	-0.09	-0.08	0.01	0.03	0.02	0.07	0.10	0.14
7	0.05	0.05	-0.13	-0.10	-0.11	-0.11	-0.08	-0.05	-0.07	-0.03	0.01	0.03	-0.06	-0.01	0.06	0.10
8	0.08	0.06	-0.06	-0.04	-0.05	-0.06	-0.07	-0.03	-0.04	0.01	0	0.02	-0.04	0.01	0.07	0.10
9	0.18	0.16	0.04	0.03	-0.03	-0.06	-0.07	-0.03	0.13	0.14	0.02	0.04	-0.01	0.03	0.07	0.10
10	-0.12	-0.14	0.01	-0.02	-0.01	-0.04	-0.06	0.01	-0.1	-0.12	0.07	0.08	-0.01	0.03	-0.03	-0.01
11	-0.06	-0.06	0.13	0.10	0.05	0.02	-0.02	0.02	-0.01	-0.01	-0.08	-0.07	-0.03	0.01	-0.07	-0.05
12	-0.01	0	0.13	0.11	0.08	0.05	-0.01	0.05	0.03	0.07	-0.05	-0.06	0.00	0.03	-0.05	-0.03
13	0.01	0.03	-0.06	-0.06	0.04	0.02	0.06	0.12	0.02	0.06	-0.09	-0.10	0.02	0.05	-0.07	-0.05
14	-0.04	-0.01	-0.12	-0.10	0.04	0.02	0.14	0.12	0.04	0.06	-0.04	-0.06	-0.07	-0.05	-0.05	-0.04
15	-0.06	-0.02	-0.07	-0.03	0.07	0.06	0.13	-0.13	0.05	0.06	0.03	0.00	-0.05	-0.03	-0.03	-0.02
16	-0.08	-0.04	-0.04	0.01	0.02	0.02	-0.09	-0.05	0	0	0.09	0.06	-0.02	-0.01	-0.01	-0.01
17			-0.07	-0.02	-0.04	-0.03	-0.03	-0.07			0.05	0.02	-0.04	-0.03	0.01	0.01
18					-0.02	-0.01	-0.06	-0.05			0.06	0.04	-0.02	-0.01	0.03	0.02
19					-0.01	0.01	-0.03	0.00			0.11	0.09	0.01	0.00	-0.02	-0.02
20					-0.03	-0.01	0.01	0.01			-0.03	-0.04	-0.01	-0.02	-0.04	-0.05
21					-0.04	-0.01	-0.02	0.02			-0.02	-0.01	-0.03	-0.04	-0.06	-0.07
22					-0.03	0.00	-0.01	0.04			0.01	0.03	-0.03	-0.04	-0.05	-0.06
23					-0.04	-0.01	0.02	0.06			0.01	0.04	-0.03	-0.04	-0.05	-0.07
24					-0.08	-0.04	0.04	0.00			-0.06	-0.03	-0.05	-0.07	-0.06	-0.07
25							-0.03	-0.01			-0.09	-0.04	-0.03	-0.05	-0.04	-0.06
26											-0.11	-0.06	-0.01	-0.04	-0.05	-0.07
27													0.01	-0.02	-0.04	-0.06
28													0	-0.02	-0.04	-0.07
29													-0.02	-0.05	-0.03	-0.05
30													0.00	-0.03	-0.02	-0.0
31													0.01	-0.02	-0.03	-0.
32													0.02	-0.01	-0.02	-0.
33													0.04	0.01	-0.01	-0.
34													0.05	0.02	0.00	-0.
35													0.04	0.01	0.01	-0.

Jam ke -	RUANG TERBUKA								REFRIGERATOR							
	A		B		C		D		A		B		C		D	
	log logistik	weibull	log logistik	weibull	log logistik	weibull	log logistik	weibull	log logistik	weibull	log logistik	weibull	log logistik	weibull	log logistik	weibull
36													0.06	0.03	0.00	-0.02
37													0.03	0.00	0.01	-0.01
38													0.04	0.01	0.02	0.00
39													0.05	0.02	0.03	0.01
40													0.06	0.03	0.02	0
41													0.05	0.02	0.03	0
42													0.06	0.03	0.03	0.01
43													0.07	0.05	0.02	0
44													0.07	0.06	0.03	0.01
45													0.06	0.05	0.04	0.02
46													0.07	0.05	0.04	0.02
47													0.08	0.06	0.05	0.03
48													0.08	0.07	0.06	0.04
49													0.07	0.06	0.04	0.03
50													0.08	0.07	0.05	0.03
51													0.06	0.06	0.03	0.02
52													0.03	0.03	0.04	0.03
53													0.04	0.03	0.05	0.03
54													0.04	0.04	0.03	0.02
55													0.03	0.03	0.04	0.03
56													0.03	0.03	0.04	0.03
57													0.00	0	0.03	0.02
58													0.00	0.01	0.03	0.02
59													-0.07	-0.07	0.04	0.03
60													-0.07	-0.06	0.04	0.04
61													-0.06	-0.05	0.04	0.04
62													-0.06	-0.05	0.05	0.05
63													-0.06	-0.04	0.03	0.03
64													-0.05	-0.04	0.04	0.04
65													-0.05	-0.03	0.04	0.04
66													-0.05	-0.03	0.04	0.05
67													-0.04	-0.02	0.05	0.05
68													-0.04	-0.02	0.05	0.06
69													-0.04	-0.01	0.06	0.06
70													-0.03	-0.01	0.02	0.03
71													-0.03	-0.01	0.02	0.03
72													-0.03	0	0.03	0.03

Jam ke -	RUANG TERBUKA								REFRIGERATOR							
	A		B		C		D		A		B		C		D	
	log logistik	weibull	log logistik	weibull	log logistik	weibull	log logistik	weibull	log logistik	weibull	log logistik	weibull	log logistik	weibull	log logistik	weibull
73													-0.02	0	0.03	0.04
74													-0.04	-0.01	0.01	0.02
75													-0.04	-0.01	0.02	0.03
76													-0.04	-0.01	0.02	0.03
77													-0.03	0	0.00	0.02
78													-0.05	-0.02	0.00	0.02
79													-0.05	-0.02	0.01	0.02
80													-0.05	-0.01	0.01	0.03
81													-0.04	-0.01	0.01	0.03
82													-0.04	-0.01	0.01	0.03
83													-0.04	-0.01	0	0.02
84													-0.04	0	-0.02	0
85													-0.04	0	-0.04	-0.02
86													-0.03	0	-0.04	-0.01
87													-0.05	-0.02	-0.03	-0.01
88													-0.05	-0.01	-0.05	-0.03
89													-0.05	-0.01	-0.05	-0.02
90													-0.09	-0.05	-0.05	-0.02
91															-0.04	-0.02
92															-0.10	-0.08
93															-0.14	-0.11
94															-0.14	-0.11
95															-0.14	-0.11
96															-0.13	-0.10
97															-0.15	-0.12
Σ		1.14	0.92	1.02	0.71	0.93	0.81	1.05	1.02	0.82	0.87	1.10	0.99	3 46	2.50	3.57	3.65
Σ	/ n	0.07	0.058	0.060	0.042	0.039	0.034	0.042	0.041	0.051	0.054	0.042	0.038	0.038	0.028	0.037	0.038

HASIL RESIDUAL MODEL DISTRIBUSI RESPON LOGISTIK

Jam ke-	SUHU RUANG				SUHU RENDAH			
	A	B	C	D	A	B	C	D
1	0.05	0.01	0.09	0.01	0	0.02	0.14	0.2
2	-0.08	0.01	0.09	0.02	0	0.01	0.15	0.2
3	-0.09	-0.02	0.06	0.01	-0.06	0.01	0.16	0.21
4	-0.04	0	0.04	0.02	-0.08	0.02	0.13	0.22
5	0.02	0.02	0.06	-0.05	-0.09	0.04	0.14	0.22
6	0	-0.03	0.07	-0.05	-0.08	0.05	0.15	0.23
7	0.03	-0.1	-0.14	-0.05	-0.04	0.05	0.05	0.18
8	0.05	-0.05	-0.1	-0.03	-0.01	0.04	0.06	0.17
9	0.15	0.03	-0.09	-0.03	0.14	0.05	0.07	0.15
10	-0.14	-0.02	-0.07	0	-0.11	0.08	0.07	0.04
11	-0.06	0.1	0	0	-0.02	-0.08	0.04	-0.01
12	0	0.12	0.04	0.03	0.04	-0.07	0.05	0
13	0.04	-0.06	0.02	0.11	0.03	-0.11	0.06	-0.03
14	-0.01	-0.1	0.03	0.12	0.05	-0.08	-0.05	-0.03
15	-0.02	-0.05	0.07	-0.12	0.06	-0.01	-0.04	-0.02
16	-0.04	-0.01	0.03	-0.05	0	0.05	-0.02	-0.01
17		-0.04	-0.01	-0.06		0.02	-0.05	0
18			0.01	-0.04		0.04	-0.04	0.01
19			0.04	0.01		0.1	-0.02	-0.04
20			0.01	0.01		-0.03	-0.05	-0.07
21			0.01	0.02		-0.01	-0.08	-0.1
22			0.02	0.04		0.03	-0.08	-0.09
23			0.01	0.06		0.05	-0.09	-0.1
24			-0.02	-0.01		-0.03	-0.11	-0.11
25				-0.02		-0.04	-0.1	-0.1
26				-0.05		-0.07	-0.08	-0.11
27							-0.07	-0.1
28							-0.07	-0.11
29							-0.1	-0.11
30							-0.08	-0.09
31							-0.07	-0.1
32							-0.05	-0.09
33							-0.03	-0.08
34							-0.02	-0.07
35							-0.02	-0.06
36							-0.01	-0.07
37							-0.03	-0.06
38							-0.02	-0.05
39							-0.01	-0.04
40							0.01	-0.05
41							0	-0.04
42							0.02	-0.03
43							0.03	-0.04
44							0.04	-0.03
45							0.03	-0.02
46							0.05	-0.01
47							0.06	0
48							0.07	0.01
49							0.06	-0.01
50							0.07	0
51							0.06	-0.01

52							0.03	0
53							0.04	0.01
54							0.05	0
55							0.04	0.01
56							0.05	0.02
57							0.02	0.01
58							0.03	0.01
59							-0.04	0.02
60							-0.04	0.03
61							-0.03	0.04
62							-0.02	0.05
63							-0.02	0.03
64							-0.01	0.04
65							0	0.05
66							0	0.06
67							0.01	0.06
68							0.01	0.07
69							0.02	0.08
70							0.02	0.04
71							0.03	0.05
72							0.03	0.06
73							0.03	0.06
74							0.02	0.05
75							0.02	0.05
76							0.02	0.06
77							0.03	0.04
78							0.01	0.05
79							0.01	0.06
80							0.02	0.06
81							0.02	0.06
82							0.02	0.07
83							0.02	0.05
84							0.03	0.04
85							0.03	0.02
86							0.03	0.03
87							0.01	0.03
88							0.01	0.01
89							0.01	0.02
90							-0.02	0.02
91								0.03
92								-0.03
93								-0.07
94								-0.06
95								-0.06
96								-0.06
97								-0.08
Σ		0.82	0.77	1.13	1.02	0.81	1.19	4.06	5.84
Σ	/n	0.0513	0.0453	0.0471	0.0408	0.0506	0.0458	0.0451	0.0602

Data A 1

	t	s	s_model	residual
1	1.00	1.00	.95	.05
2	2.00	.84	.92	-.08
3	3.00	.80	.89	-.09
4	4.00	.80	.84	-.04
5	5.00	.80	.78	.02
6	6.00	.70	.70	.00
7	7.00	.64	.61	.03
8	8.00	.56	.51	.05
9	9.00	.56	.41	.15
10	10.00	.18	.32	-.14
11	11.00	.18	.24	-.06
12	12.00	.18	.18	.00
13	13.00	.16	.12	.04
14	14.00	.08	.09	-.01
15	15.00	.04	.06	-.02
16	16.00	.00	.04	-.04

erlakuan : Tanpa kemasan ; suhu kamar

teration	Residual SS	A	B
1	.0707530683	8.10000000	.390000000
1.1	.0704247641	8.12430088	.399114076
2	.0704247641	8.12430088	.399114076
2.1	.0704213765	8.12896456	.399855061
3	.0704213765	8.12896456	.399855061
3.1	.0704213419	8.12935519	.399939364
4	.0704213419	8.12935519	.399939364
4.1	.0704213416	8.12940052	.399947195
5	.0704213416	8.12940052	.399947195
5.1	.0704213416	8.12940471	.399948029

n stopped after 10 model evaluations and 5 derivative evaluations.
erations have been stopped because the relative reduction between successive
sidual sums of squares is at most SSCON = 1.000E-10

nlinear Regression Summary Statistics Dependent Variable S

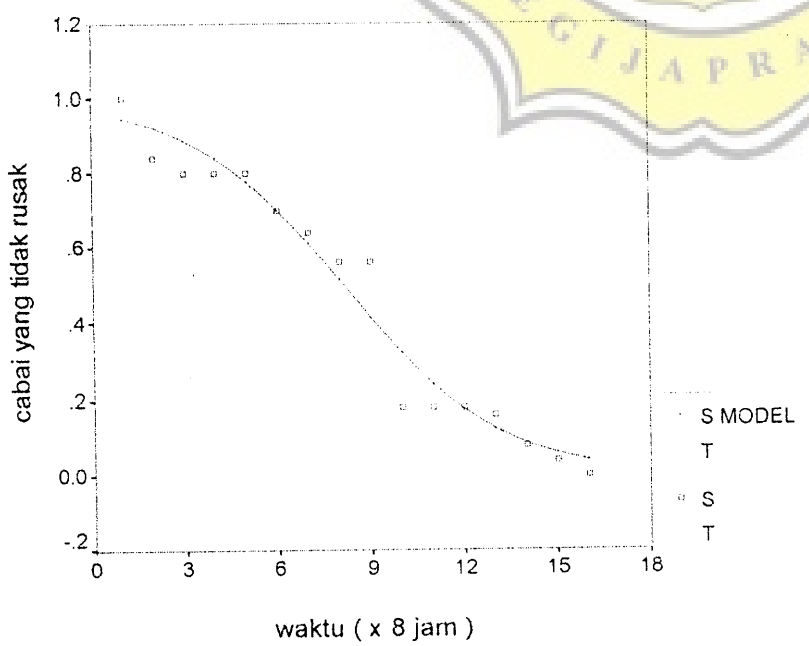
Source	DF	Sum of Squares	Mean Square
Regression	2	5.21278	2.60639
Residual	14	.07042	5.030096E-03
Uncorrected Total	16	5.28320	
(Corrected Total)	15	1.74880	

R squared = 1 - Residual SS / Corrected SS = .95973

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
A	8.129404705	.275969131	7.537509786	8.721299624
B	.399948029	.040753050	.312541430	.487354629

Asymptotic Correlation Matrix of the Parameter Estimates

	A	B
A	1.0000	.0075
B	.0075	1.0000



	t	s	s_model	residual
1	1.00	1.00	.99	.01
2	2.00	1.00	.99	.01
3	3.00	.96	.98	-.02
4	4.00	.96	.96	.00
5	5.00	.96	.94	.02
6	6.00	.88	.91	-.03
7	7.00	.76	.86	-.10
8	8.00	.74	.79	-.05
9	9.00	.72	.69	.03
10	10.00	.56	.58	-.02
11	11.00	.56	.46	.10
12	12.00	.46	.34	.12
13	13.00	.18	.24	-.06
14	14.00	.06	.16	-.10
15	15.00	.06	.11	-.05
16	16.00	.06	.07	-.01
17	17.00	.00	.04	-.04

Perlakuan : Pengemasan plastik perforasi; suhu kamar

Iteration	Residual SS	B	A
1	.0575772707	.475000000	10.6400000
1.1	.0572129309	.488913607	10.6482965
2	.0572129309	.488913607	10.6482965
2.1	.0572067863	.488483566	10.6570479
3	.0572067863	.488483566	10.6570479
3.1	.0572066551	.488768739	10.6568177
4	.0572066551	.488768739	10.6568177
4.1	.0572066518	.488742964	10.6569979
5	.0572066518	.488742964	10.6569979
5.1	.0572066517	.488749941	10.6569823
6	.0572066517	.488749941	10.6569823
6.1	.0572066517	.488749020	10.6569867

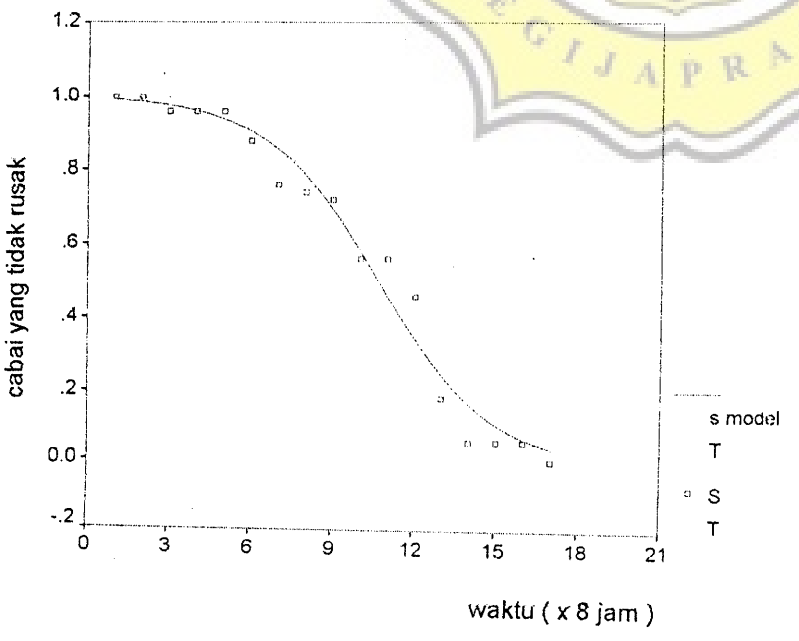
Run stopped after 12 model evaluations and 6 derivative evaluations.
Iterations have been stopped because the relative reduction between successive residual sums of squares is at most SSCON = 1.000E-10

Nonlinear Regression Summary Statistics Dependent Variable S

Source	DF	Sum of Squares	Mean Square
Regression	2	8.00759	4.00380
Residual	15	.05721	3.813777E-03
Uncorrected Total	17	8.06480	
(Corrected Total)	16	2.27619	

R squared = 1 - Residual SS / Corrected SS = .97487

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
B	.488749020	.046514076	.389606613	.587891426
A	10.656986662	.216760603	10.194972373	11.119000951



data C 1

	t	s	s_model	residual
1	1.00	1.00	.91	.09
2	2.00	.98	.89	.09
3	3.00	.92	.86	.06
4	4.00	.86	.82	.04
5	5.00	.84	.78	.06
6	6.00	.80	.73	.07
7	7.00	.54	.68	-.14
8	8.00	.52	.62	-.10
9	9.00	.46	.55	-.09
10	10.00	.42	.49	-.07
11	11.00	.42	.42	.00
12	12.00	.40	.36	.04
13	13.00	.32	.30	.02
14	14.00	.28	.25	.03
15	15.00	.28	.21	.07
16	16.00	.20	.17	.03
17	17.00	.12	.13	-.01
18	18.00	.12	.11	.01
19	19.00	.12	.08	.04
20	20.00	.08	.07	.01
21	21.00	.06	.05	.01
22	22.00	.06	.04	.02
23	23.00	.04	.03	.01
24	24.00	.00	.02	-.02

lakuan : Pengemasan plastik 0.01 mm; suhu kamar

eration	Residual SS	A	B
1	.0866438453	9.80000000	.250000000
1.1	.0851570178	9.84587100	.261925308
2	.0851570178	9.84587100	.261925308
2.1	.0851301872	9.82201000	.261090929
3	.0851301872	9.82201000	.261090929
3.1	.0851295949	9.82353152	.261335503
4	.0851295949	9.82353152	.261335503
4.1	.0851295807	9.82307148	.261306604
5	.0851295807	9.82307148	.261306604
5.1	.0851295804	9.32312563	.261312171
6	.0851295804	9.82312563	.261312171
6.1	.0851295804	9.82311519	.261311362
7	.0851295804	9.82311519	.261311362
7.1	.0851295804	9.82311671	.261311499

stopped after 14 model evaluations and 7 derivative evaluations.
rations have been stopped because the relative reduction between successive
idual sums of squares is at most SSCON = 1.000E-10

linear Regression Summary Statistics Dependent Variable S

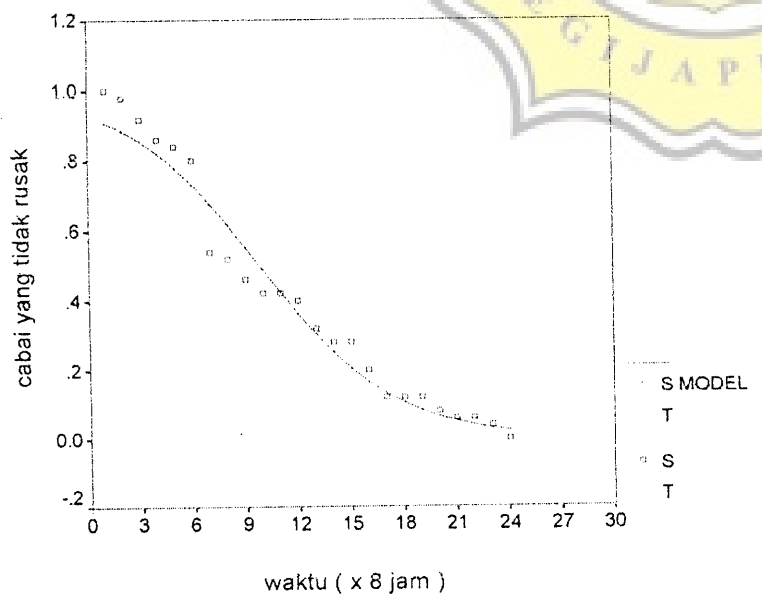
ource	DF	Sum of Squares	Mean Square
egression	2	6.45087	3.22544
esidual	22	.08513	3.869526E-03
ncorrected Total	24	6.53600	
Corrected Total)	23	2.50160	

squared = 1 - Residual SS / Corrected SS = .96597

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
A	9.823116706	.301360447	9.198133390	10.448100022
B	.261311499	.019449555	.220975590	.301647408

Asymptotic Correlation Matrix of the Parameter Estimates

	A	B
A	1.0000	.0469
B	.0469	1.0000



data A 2

	t	s	s_model	residual
1	1.00	1.00	1.00	.00
2	2.00	1.00	1.00	.00
3	3.00	.94	1.00	-.06
4	4.00	.92	1.00	-.08
5	5.00	.90	.99	-.09
6	6.00	.90	.98	-.08
7	7.00	.90	.94	-.04
8	8.00	.84	.85	-.01
9	9.00	.80	.66	.14
10	10.00	.30	.41	-.11
11	11.00	.18	.20	-.02
12	12.00	.12	.08	.04
13	13.00	.06	.03	.03
14	14.00	.06	.01	.05
15	15.00	.06	.00	.06
16	16.00	.00	.00	.00

erlakuan : Tanpa kemasan ; suhu rendah

teration	Residual SS	A	B
1	.2639475594	9.50000000	.390000000
1.1	.1137900268	9.58426704	.597480494
2	.1137900268	9.58426704	.597480494
2.1	.0773308862	9.62535658	.770273898
3	.0773308862	9.62535658	.770273898
3.1	.0681009311	9.64026189	.891621594
4	.0681009311	9.64026189	.891621594
4.1	.0657723794	9.64618441	.965516193
5	.0657723794	9.64618441	.965516193
5.1	.0651916670	9.64839149	1.00648821
6	.0651916670	9.64839149	1.00648821
6.1	.0650479575	9.64926577	1.02800869
7	.0650479575	9.64926577	1.02800869
7.1	.0650125331	9.64963565	1.03899213
8	.0650125331	9.64963565	1.03899213
8.1	.0650038175	9.64980216	1.04451599
9	.0650038175	9.64980216	1.04451599
9.1	.0650016751	9.64988039	1.04727364
10	.0650016751	9.64988039	1.04727364
10.1	.0650011487	9.64991808	1.04864527

un stopped after 20 model evaluations and 10 derivative evaluations.
ne iterations limit has been reached.

onlinear Regression Summary Statistics Dependent Variable S

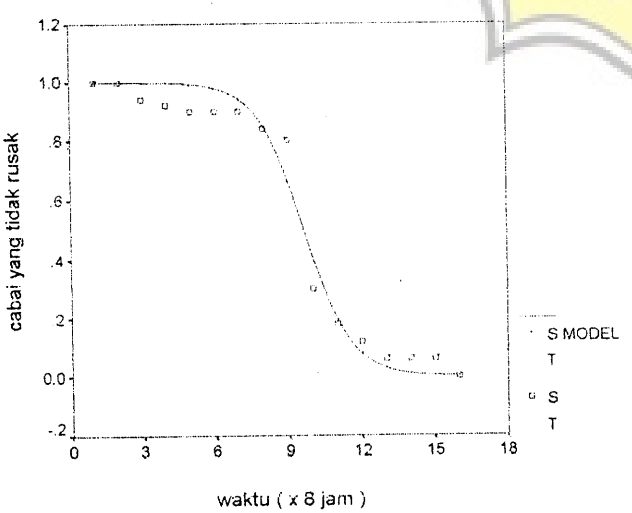
Source	DF	Sum of Squares	Mean Square
Regression	2	7.58820	3.79410
Residual	14	.06500	4.642939E-03
Uncorrected Total	16	7.65320	
(Corrected Total)	15	2.61318	

R squared = 1 - Residual SS / Corrected SS = .97513

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
A	9.649918083	.163096516	9.300110848	9.999725319
B	1.048645266	.157504420	.710831884	1.386458649

Asymptotic Correlation Matrix of the Parameter Estimates

	A	B
A	1.0000	.0000
B	.0000	1.0000



data B 2

	t	s	s_model	residual
1	1.00	1.00	.98	.02
2	2.00	.98	.97	.01
3	3.00	.98	.97	.01
4	4.00	.98	.96	.02
5	5.00	.98	.94	.04
6	6.00	.98	.93	.05
7	7.00	.96	.91	.05
8	8.00	.92	.88	.04
9	9.00	.90	.85	.05
10	10.00	.90	.82	.08
11	11.00	.70	.78	-.08
12	12.00	.66	.73	-.07
13	13.00	.56	.67	-.11
14	14.00	.54	.62	-.08
15	15.00	.54	.55	-.01
16	16.00	.54	.49	.05
17	17.00	.44	.42	.02
18	18.00	.40	.36	.04
19	19.00	.40	.30	.10
20	20.00	.22	.25	-.03
21	21.00	.20	.21	-.01
22	22.00	.20	.17	.03
23	23.00	.18	.13	.05
24	24.00	.08	.11	-.03
25	25.00	.04	.08	-.04
26	26.00	.00	.07	-.07

erlakuan : Pengemasan plastik perforasi, suhu rendah

eration	Residual SS	A	B
1	.1005021211	15.0000000	.260000000
1.1	.0728920943	15.7965165	.260012758
2	.0728920943	15.7965165	.260012758
2.1	.0728872226	15.8071036	.260022943
3	.0728872226	15.8071036	.260022943
3.1	.0728872159	15.8072551	.259998062
4	.0728872159	15.8072551	.259998062
4.1	.0728872157	15.8072697	.260001673
5	.0728872157	15.8072697	.260001673
5.1	.0728872157	15.8072682	.260001068

un stopped after 10 model evaluations and 5 derivative evaluations.
terations have been stopped because the relative reduction between successive
esidual sums of squares is at most SSCON = 1.000E-10
onlinear Regression Summary Statistics Dependent Variable S

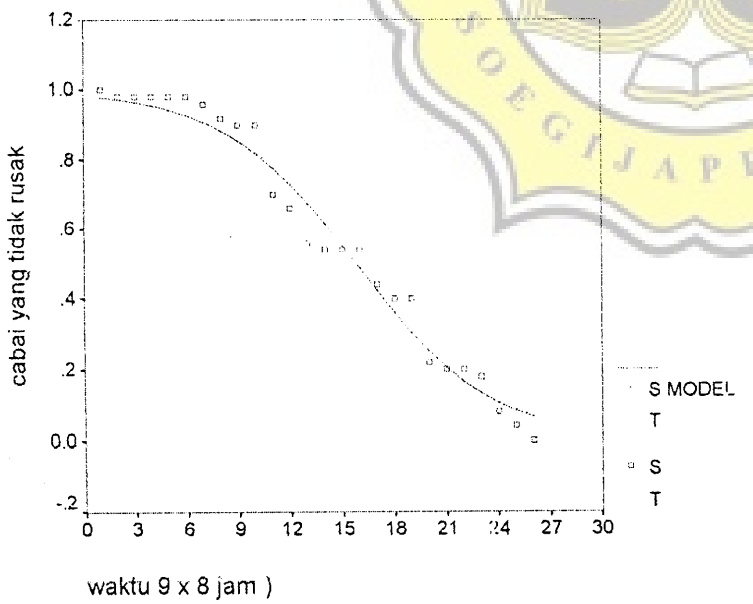
Source	DF	Sum of Squares	Mean Square
Regression	2	11.91351	5.95676
Residual	24	.07289	3.036967E-03
Uncorrected Total	26	11.98640	
(Corrected Total)	25	3.00646	

R squared = 1 - Residual SS / Corrected SS = .97576

		Asymptotic	Asymptotic 95 % Confidence Interval	
Parameter	Estimate	Std. Error	Lower	Upper
A	15.807268150	.266255180	15.257744467	16.356791833
B	.260001068	.016623033	.225692813	.294309322

Asymptotic Correlation Matrix of the Parameter Estimates

	A	B
A	1.0000	-.0260
B	-.0260	1.0000



waktu 9 x 8 jam)

	t	s	s_model	residual
1	1.00	1.00	.86	.14
2	2.00	1.00	.85	.15
3	3.00	1.00	.84	.16
4	4.00	.96	.83	.13
5	5.00	.96	.82	.14
6	6.00	.96	.81	.15
7	7.00	.86	.81	.05
8	8.00	.86	.80	.06
9	9.00	.86	.79	.07
10	10.00	.84	.77	.07
11	11.00	.80	.76	.04
12	12.00	.80	.75	.05
13	13.00	.80	.74	.06
14	14.00	.68	.73	-.05
15	15.00	.68	.72	-.04
16	16.00	.68	.70	-.02
17	17.00	.64	.69	-.05
18	18.00	.64	.68	-.04
19	19.00	.64	.66	-.02
20	20.00	.60	.65	-.05
21	21.00	.56	.64	-.08
22	22.00	.54	.62	-.08
23	23.00	.52	.61	-.09
24	24.00	.48	.59	-.11
25	25.00	.48	.58	-.10
26	26.00	.48	.56	-.08
27	27.00	.48	.55	-.07
28	28.00	.46	.53	-.07
29	29.00	.42	.52	-.10
30	30.00	.42	.50	-.08
31	31.00	.42	.49	-.07
32	32.00	.42	.47	-.05
33	33.00	.42	.45	-.03
34	34.00	.42	.44	-.02
35	35.00	.40	.42	-.02
36	36.00	.40	.41	-.01

	t	s	s_model	residual
37	37.00	.36	.39	-.03
38	38.00	.36	.38	-.02
39	39.00	.36	.37	-.01
40	40.00	.36	.35	.01
41	41.00	.34	.34	.00
42	42.00	.34	.32	.02
43	43.00	.34	.31	.03
44	44.00	.34	.30	.04
45	45.00	.32	.29	.03
46	46.00	.32	.27	.05
47	47.00	.32	.26	.06
48	48.00	.32	.25	.07
49	49.00	.30	.24	.06
50	50.00	.30	.23	.07
51	51.00	.28	.22	.06
52	52.00	.24	.21	.03
53	53.00	.24	.20	.04
54	54.00	.24	.19	.05
55	55.00	.22	.18	.04
56	56.00	.22	.17	.05
57	57.00	.18	.16	.02
58	58.00	.18	.15	.03
59	59.00	.10	.14	-.04
60	60.00	.10	.14	-.04
61	61.00	.10	.13	-.03
62	62.00	.10	.12	-.02
63	63.00	.10	.12	-.02
64	64.00	.10	.11	-.01
65	65.00	.10	.10	.00
66	66.00	.10	.10	.00
67	67.00	.10	.09	.01
68	68.00	.10	.09	.01
69	69.00	.10	.08	.02
70	70.00	.10	.08	.02
71	71.00	.10	.07	.03
72	72.00	.10	.07	.03

	t	s	s_model	residual
73	73.00	.10	.07	.03
74	74.00	.08	.06	.02
75	75.00	.08	.06	.02
76	76.00	.08	.06	02
77	77.00	.08	.05	.03
78	78.00	.06	.05	.01
79	79.00	.06	.05	.01
80	80.00	.06	.04	.02
81	81.00	.06	.04	.02
82	82.00	.06	.04	.02
83	83.00	.06	.04	.02
84	84.00	.06	.03	.03
85	85.00	.06	.03	.03
86	86.00	.06	.03	.03
87	87.00	.04	.03	.01
88	88.00	.04	.03	.01
89	89.00	.04	.03	.01
90	90.00	.00	.02	-.02

rlakuan : Plastik 0.01 mm; suhu rendah

eration	Residual SS	A	B
1	.3519137408	29.0000000	.054000000
1.1	.3019688766	30.4067052	.061499286
2	.3019688766	30.4067052	.061499286
2.1	.3007513787	30.0468981	.061376973
3	.3007513787	30.0468981	.061376973
3.1	.3007370138	30.0543248	.061527472
4	.3007370138	30.0543248	.061527472
4.1	.3007368364	30.0499969	.061520804
5	.3007368364	30.0499969	.061520804
5.1	.3007368340	30.0502355	.061522697
6	.3007368340	30.0502355	.061522697
6.1	.3007366339	30.0501795	.061522553
7	.3007368339	30.0501795	.061522553
7.1	.3007368339	30.0501843	.061522579

n stopped after 14 model evaluations and 7 derivative evaluations.
erations have been stopped because the relative reduction between successive
sidual sums of squares is at most SSCON = 1.000E-10

Nonlinear Regression Summary Statistics Dependent Variable S

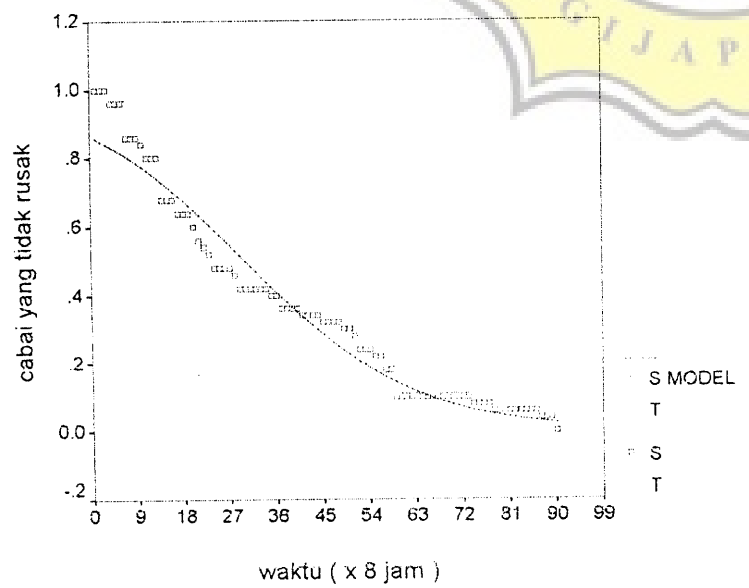
Source	DF	Sum of Squares	Mean Square
Regression	2	18.86766	9.43383
Residual	88	.30074	3.417464E-03
Uncorrected Total	90	19.16840	
(Corrected Total)	89	7.40338	

R squared = 1 - Residual SS / Corrected SS = .95938

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
A	30.050184265	.598627112	28.860538672	31.239829858
B	.061522579	.002270644	.057010152	.066035007

Asymptotic Correlation Matrix of the Parameter Estimates

	A	B
A	1.0000	.1269
B	.1269	1.0000



	t	s	s_model	residual
37	37.00	.42	.48	-.06
38	38.00	.42	.47	-.05
39	39.00	.42	.46	-.04
40	40.00	.40	.45	-.05
41	41.00	.40	.44	-.04
42	42.00	.40	.43	-.03
43	43.00	.38	.42	-.04
44	44.00	.38	.41	-.03
45	45.00	.38	.40	-.02
46	46.00	.38	.39	-.01
47	47.00	.38	.38	.00
48	48.00	.38	.37	.01
49	49.00	.36	.37	-.01
50	50.00	.36	.36	.00
51	51.00	.34	.35	-.01
52	52.00	.34	.34	.00
53	53.00	.34	.33	.01
54	54.00	.32	.32	.00
55	55.00	.32	.31	.01
56	56.00	.32	.30	.02
57	57.00	.30	.29	.01
58	58.00	.30	.29	.01
59	59.00	.30	.28	.02
60	60.00	.30	.27	.03
61	61.00	.30	.26	.04
62	62.00	.30	.25	.05
63	63.00	.28	.25	.03
64	64.00	.28	.24	.04
65	65.00	.28	.23	.05
66	66.00	.28	.22	.06
67	67.00	.28	.22	.06
68	68.00	.28	.21	.07
69	69.00	.28	.20	.08
70	70.00	.24	.20	.04
71	71.00	.24	.19	.05
72	72.00	.24	.18	.06

	t	s	s_model	residual
73	73.00	.24	.18	.06
74	74.00	.22	.17	.05
75	75.00	.22	.17	.05
76	76.00	.22	.16	.06
77	77.00	.20	.16	.04
78	78.00	.20	.15	.05
79	79.00	.20	.14	.06
80	80.00	.20	.14	.06
81	81.00	.20	.14	.06
82	82.00	.20	.13	.07
83	83.00	.18	.13	.05
84	84.00	.16	.12	.04
85	85.00	.14	.12	.02
86	86.00	.14	.11	.03
87	87.00	.14	.11	.03
88	88.00	.12	.11	.01
89	89.00	.12	.10	.02
90	90.00	.12	.10	.02
91	91.00	.12	.09	.03
92	92.00	.06	.09	-.03
93	93.00	.02	.09	-.07
94	94.00	.02	.08	-.06
95	95.00	.02	.08	-.06
96	96.00	.02	.08	-.06
97	97.00	.00	.08	-.08

Perlakuan : Pengemasan plastik 0.05 mm; suhu rendah

Iteration	Residual SS	B	A
1	1.287229485	.032000000	24.0000000
1.1	.7277738273	.041442612	39.1201808
2	.7277738273	.041442612	39.1201808
2.1	.6458600732	.039771914	35.3951949
3	.6458600732	.039771914	35.3951949
3.1	.6442545352	.040756614	35.4805304
4	.6442545352	.040756614	35.4805304
4.1	.6442329145	.040713723	35.4179221
5	.6442329145	.040713723	35.4179221
5.1	.6442325831	.040728005	35.4217124
6	.6442325831	.040728005	35.4217124
6.1	.6442325773	.040726726	35.4207771
7	.6442325773	.040726726	35.4207771
7.1	.6442325772	.040726961	35.4208728
8	.6442325772	.040726961	35.4208728
8.1	.6442325772	.040726933	35.4208567

Run stopped after 16 model evaluations and 8 derivative evaluations.
Iterations have been stopped because the relative reduction between successive residual sums of squares is at most SSCON = 1.000E-10

Nonlinear Regression Summary Statistics Dependent Variable S

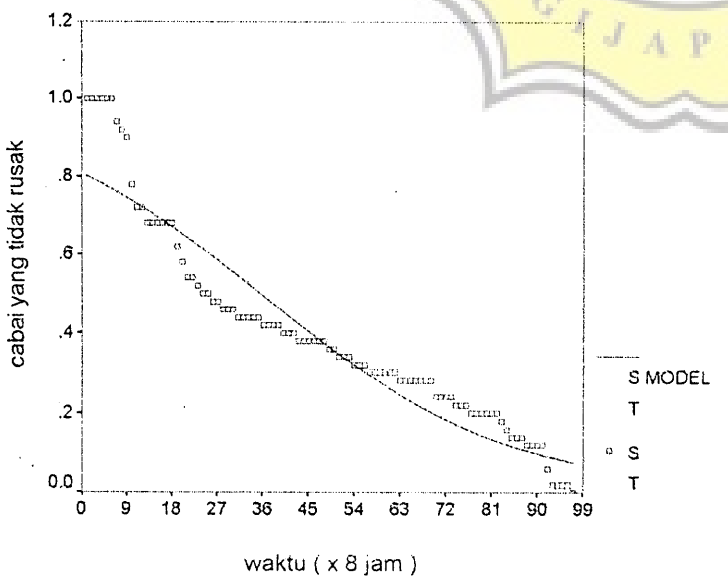
Source	DF	Sum of Squares	Mean Square
Regression	2	21.30257	10.65128
Residual	95	.64423	6.781396E-03
Uncorrected Total	97	21.94680	
(Corrected Total)	96	6.08898	

R squared = 1 - Residual SS / Corrected SS = .89420

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
B	.040726933	.002014544	.036727557	.044726309
A	35.420856681	1.082240670	33.272337305	37.569376058

Asymptotic Correlation Matrix of the Parameter Estimates

	B	A
B	1.0000	.1926
A	.1926	1.0000



	t	s	sl_model	residual
1	1.00	1.00	1.00	.00
2	2.00	.84	.99	-.15
3	3.00	.80	.96	-.16
4	4.00	.80	.91	-.11
5	5.00	.80	.82	-.02
6	6.00	.70	.71	-.01
7	7.00	.64	.59	.05
8	8.00	.56	.48	.08
9	9.00	.56	.38	.18
10	10.00	.18	.30	-.12
11	11.00	.18	.24	-.06
12	12.00	.18	.19	-.01
13	13.00	.16	.15	.01
14	14.00	.08	.12	-.04
15	15.00	.04	.10	-.06
16	16.00	.00	.08	-.08

Perlakuan : Tanpa Kemasan; Suhu Kamar

Iteration	Residual SS	K	RO
1	.1549592383	2.89900000	.140000000
1.1	.1340169587	3.07907541	.129341181
2	.1340169587	3.07907541	.129341181
2.1	.1315726644	3.29228629	.129056448
3	.1315726644	3.29228629	.129056448
3.1	.1313304006	3.34621548	.128363127
4	.1313304006	3.34621548	.128363127
4.1	.1313008253	3.36844414	.128177495
5	.1313008253	3.36844414	.128177495
5.1	.1312972185	3.37579660	.128104230
6	.1312972185	3.37579660	.128104230
6.1	.1312967778	3.37841690	.128079456
7	.1312967778	3.37841690	.128079456
7.1	.1312967241	3.37932591	.128070681
8	.1312967241	3.37932591	.128070681
8.1	.1312967175	3.37964417	.128067628
9	.1312967175	3.37964417	.128067628
9.1	.1312967167	3.37975525	.128066560
10	.1312967167	3.37975525	.128066560
10.1	.1312967166	3.37979408	.128066187
11	.1312967166	3.37979408	.128066187
11.1	.1312967166	3.37980759	.128066057

Run stopped after 22 model evaluations and 11 derivative evaluations.
Iterations have been stopped because the relative reduction between successive residual sums of squares is at most SSCON = 1.000E-10

Nonlinear Regression Summary Statistics Dependent Variable S

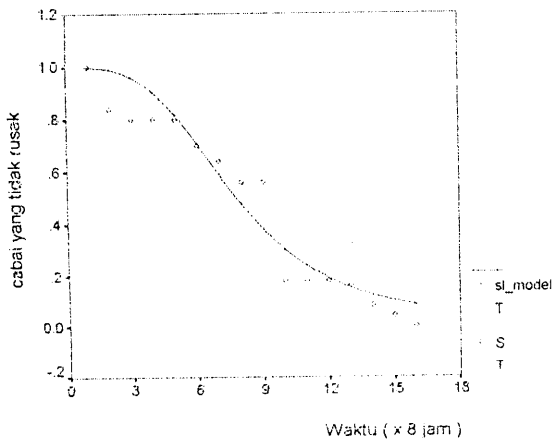
Source	DF	Sum of Squares	Mean Square
Regression	2	5.15190	2.57595
Residual	14	.13130	9.378337E-03
Uncorrected Total	16	5.28320	
(Corrected Total)	15	1.74880	

R squared = 1 - Residual SS / Corrected SS = .92492

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
K	3.379807592	.506036254	2.294467770	4.465147414
RO	.128066057	.006068245	.115050966	.141081148

Asymptotic Correlation Matrix of the Parameter Estimates

	K	RO
K	1.0000	-.2618
RO	-.2618	1.0000



	t	s	sl_model	residual
1	1.00	1.00	1.00	.00
2	2.00	1.00	1.00	.00
3	3.00	.96	1.00	-.04
4	4.00	.96	.99	-.03
5	5.00	.96	.98	-.02
6	6.00	.88	.95	-.07
7	7.00	.76	.89	-.13
8	8.00	.74	.80	-.06
9	9.00	.72	.68	.04
10	10.00	.56	.55	.01
11	11.00	.56	.43	.13
12	12.00	.46	.33	.13
13	13.00	.18	.24	-.06
14	14.00	.06	.18	-.12
15	15.00	.06	.13	-.07
16	16.00	.06	.10	-.04
17	17.00	.00	.07	-.07

Perlakuan : Disimpan pada plastik berlubang; suhu kamar

Iteration	Residual SS	K	RO
1	.0580420242	2.44000000	.117000000
1.1	.0528841346	2.52237273	.112340284
2	.0528841346	2.52237273	.112340284
2.1	.0528757260	2.52845719	.112427600
3	.0528757260	2.52845719	.112427600
3.1	.0528756736	2.52772158	.112429630
4	.0528756736	2.52772158	.112429630
4.1	.0528756732	2.52778611	.112429657
5	.0528756732	2.52778611	.112429657
5.1	.0528756732	2.52778004	.112429659

Run stopped after 10 model evaluations and 5 derivative evaluations.
Iterations have been stopped because the relative reduction between successive residual sums of squares is at most SSCON = 1.000E-10

Nonlinear Regression Summary Statistics Dependent Variable S

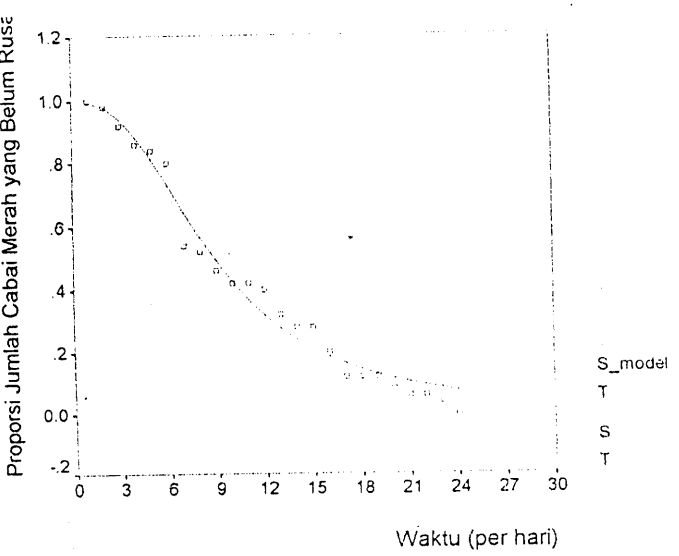
Source	DF	Sum of Squares	Mean Square
Regression	2	6.48312	3.24156
Residual	22	.05288	2.403440E-03
Uncorrected Total	24	6.53600	
(Corrected Total)	23	2.50160	

R squared = 1 - Residual SS / Corrected SS = .97886

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
K	2.527780035	.154035244	2.208330491	2.847229580
RO	.112429659	.002965005	.106280616	.118578702

Asymptotic Correlation Matrix of the Parameter Estimates

	K	RO
K	1.0000	-.3562
RO	-.3562	1.0000



	t	s	s_model	residual
1	1.00	1.00	1.00	.00
2	2.00	.98	.98	.00
3	3.00	.92	.94	-.02
4	4.00	.86	.88	-.02
5	5.00	.84	.81	.03
6	6.00	.80	.73	.07
7	7.00	.54	.65	-.11
8	8.00	.52	.57	-.05
9	9.00	.46	.49	-.03
10	10.00	.42	.43	-.01
11	11.00	.42	.37	.05
12	12.00	.40	.32	.08
13	13.00	.32	.28	.04
14	14.00	.28	.24	.04
15	15.00	.28	.21	.07
16	16.00	.20	.18	.02
17	17.00	.12	.16	-.04
18	18.00	.12	.14	-.02
19	19.00	.12	.13	-.01
20	20.00	.08	.11	-.03
21	21.00	.06	.10	-.04
22	22.00	.06	.09	-.03
23	23.00	.04	.08	-.04
24	24.00	.00	.08	-.08
25	.	.	.	.

rlakuan : Plastik 0.01 mm; Suhu Kamar

eration	Residual SS	K	RO
1	.0580420242	2.44000000	.117000000
1.1	.0528841346	2.52237273	.112340284
2	.0528841346	2.52237273	.112340284
2.1	.0528757260	2.52845719	.112427600
3	.0528757260	2.52845719	.112427600
3.1	.0528756736	2.52772158	.112429630
4	.0528756736	2.52772158	.112429630
4.1	.0528756732	2.52778611	.112429657
5	.0528756732	2.52778611	.112429657
5.1	.0528756732	2.52778004	.112429659

n stopped after 10 model evaluations and 5 derivative evaluations.
erations have been stopped because the relative reduction between successive
sidual sums of squares is at most SSCON = 1.000E-10

nlinear Regression Summary Statistics Dependent Variable S

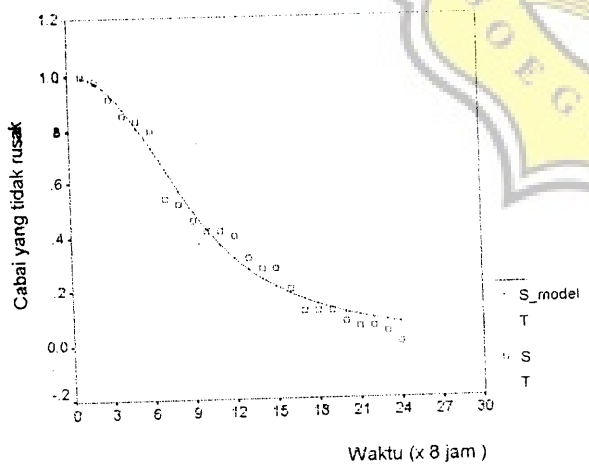
Source	DF	Sum of Squares	Mean Square
Regression	2	6.48312	3.24156
Residual	22	.05288	2.403440E-03
Uncorrected Total	24	6.53600	
(Corrected Total)	23	2.50160	

R squared = 1 - Residual SS / Corrected SS = .97886

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
K	2.527780035	.154035244	2.208330491	2.847229580
RO	.112429659	.002965005	.106280616	.118578702

Asymptotic Correlation Matrix of the Parameter Estimates

	K	RO
K	1.0000	-.3562
RO	-.3562	1.0000



Log 3

	t	s	sl_model	residual
1	1.00	1.00	1.00	.00
2	2.00	1.00	1.00	.00
3	3.00	.98	1.00	-.02
4	4.00	.98	1.00	-.02
5	5.00	.90	.99	-.09
6	6.00	.88	.98	-.10
7	7.00	.86	.96	-.10
8	8.00	.84	.92	-.08
9	9.00	.80	.87	-.07
10	10.00	.78	.80	-.02
11	11.00	.72	.72	.00
12	12.00	.68	.63	.05
13	13.00	.68	.54	.14
14	14.00	.60	.46	.14
15	15.00	.28	.38	-.10
16	16.00	.28	.31	-.03
17	17.00	.20	.25	-.05
18	18.00	.16	.21	-.05
19	19.00	.16	.17	-.01
20	20.00	.12	.14	-.02
21	21.00	.10	.11	-.01
22	22.00	.10	.09	.01
23	23.00	.10	.08	.02
24	24.00	.02	06	-.04
25	25.00	.00	.05	-.05

erlakuan : Kemasan plastik 0.005 μm; suhu ruang

Iteration	Residual SS	RO	K
1	.2448263282	.067000000	4.00000000
1.1	.1029551108	.074675912	4.49978317
2	.1029551108	.074675912	4.49978317
2.1	.1020671362	.074212176	4.62801775
3	.1020671362	.074212176	4.62801775
3.1	.1019942441	.074121728	4.67172589
4	.1019942441	.074121728	4.67172589
4.1	.1019883370	.074090643	4.68357341
5	.1019883370	.074090643	4.68357341
5.1	.1019878571	.074082083	4.68700140
6	.1019878571	.074082083	4.68700140
6.1	.1019878181	.074079610	4.68797310
7	.1019878181	.074079610	4.68797310
7.1	.1019878150	.074078908	4.68825013
8	.1019878150	.074078908	4.68825013
8.1	.1019878147	.074078708	4.68832899
9	.1019878147	.074078708	4.68832899
9.1	.1019878147	.074078651	4.68835145
10	.1019878147	.074078651	4.68835145
10.1	.1019878147	.074078634	4.68835783

Run stopped after 20 model evaluations and 10 derivative evaluations.
Iterations have been stopped because the relative reduction between successive
residual sums of squares is at most SSCON = 1.000E-10

Nonlinear Regression Summary Statistics Dependent Variable S

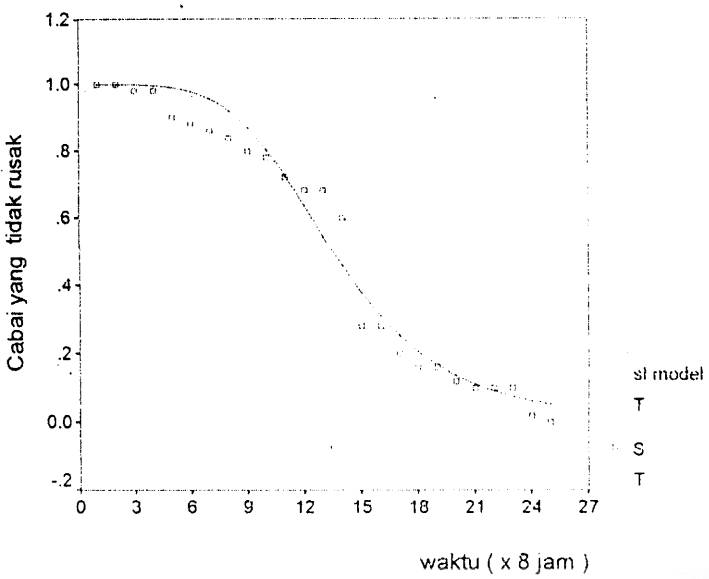
Source	DF	Sum of Squares	Mean Square
Regression	2	10.19281	5.09641
Residual	23	.10199	4.434253E-03
Uncorrected Total	25	10.29480	
(Corrected Total)	24	3.30406	

R squared = 1 - Residual SS / Corrected SS = .96913

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
RO	.074078634	.001540918	.070891003	.077266266
K	4.688357831	.413191518	3.833606052	5.543109610

Asymptotic Correlation Matrix of the Parameter Estimates

	RO	K
RO	1.0000	-.2081
K	-.2081	1.0000



	t	s	sl_model	residual
1	1.00	1.00	1.00	.00
2	2.00	1.00	1.00	.00
3	3.00	.94	1.00	-.06
4	4.00	.92	1.00	-.08
5	5.00	.90	1.00	-.10
6	6.00	.90	.99	-.09
7	7.00	.90	.97	-.07
8	8.00	.84	.88	-.04
9	9.00	.80	.67	.13
10	10.00	.30	.40	-.10
11	11.00	.18	.19	-.01
12	12.00	.12	.09	.03
13	13.00	.06	.04	.02
14	14.00	.06	.02	.04
15	15.00	.06	.01	.05
16	16.00	.00	.00	.00

rlakuan : Tanpa Kemasan; Suhu Kamar

teration	Residual SS	K	RO
1	.1549592383	2.89900000	.140000000
1.1	.1340169587	3.07907541	.129341181
2	.1340169587	3.07907541	.129341181
2.1	.1315726644	3.29228629	.129056448
3	.1315726644	3.29228629	.129056448
3.1	.1313304006	3.34621548	.128363127
4	.1313304006	3.34621548	.128363127
4.1	.1313008253	3.36844414	.128177495
5	.1313008253	3.36844414	.128177495
5.1	.1312972185	3.37579660	.128104230
6	.1312972185	3.37579660	.128104230
6.1	.1312967778	3.37841690	.128079456
7	.1312967778	3.37841690	.128079456
7.1	.1312967241	3.37932591	.128070681
8	.1312967241	3.37932591	.128070681
8.1	.1312967175	3.37964417	.128067628
9	.1312967175	3.37964417	.128067628
9.1	.1312967167	3.37975525	.128066560
10	.1312967167	3.37975525	.128066560
10.1	.1312967166	3.37979408	.128066187
11	.1312967166	3.37979408	.128066187
11.1	.1312967166	3.37980759	.128066057

n stopped after 22 model evaluations and 11 derivative evaluations.
erations have been stopped because the relative reduction between successive
sidual sums of squares is at most SSCON = 1.000E-10

nlinear Regression Summary Statistics Dependent Variable S

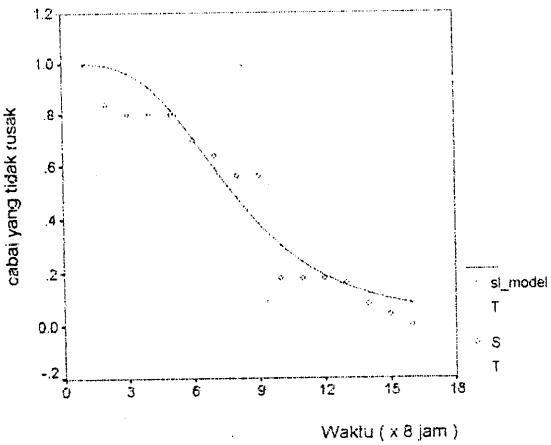
Source	DF	Sum of Squares	Mean Square
Regression	2	5.15190	2.57595
Residual	14	.13130	9.378337E-03
Uncorrected Total	16	5.28320	
(Corrected Total)	15	1.74880	

R squared = 1 - Residual SS / Corrected SS = .92492

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
K	3.379807592	.506036254	2.294467770	4.465147414
RO	.128066057	.006068245	.115050966	.141081148

Asymptotic Correlation Matrix of the Parameter Estimates

	K	RO
K	1.0000	-.2618
RO	-.2618	-1.0000



	t	s	sl_model	resd_1
1	1.00	1.00	1.00	.00
2	2.00	.98	1.00	-.02
3	3.00	.98	1.00	-.02
4	4.00	.98	.99	-.01
5	5.00	.98	.99	-.01
6	6.00	.98	.97	.01
7	7.00	.96	.95	.01
8	8.00	.92	.92	.00
9	9.00	.90	.83	.02
10	10.00	.90	.83	.07
11	11.00	.70	.78	-.08
12	12.00	.66	.71	-.05
13	13.00	.56	.65	-.09
14	14.00	.54	.58	-.04
15	15.00	.54	.51	.03
16	16.00	.54	.45	.09
17	17.00	.44	.39	.05
18	18.00	.40	.34	.06
19	19.00	.40	.29	.11
20	20.00	.22	.25	-.03
21	21.00	.20	.22	-.02
22	22.00	.20	.19	.01
23	23.00	.18	.17	.01
24	24.00	.08	.14	-.06
25	25.00	.04	.13	-.09
26	26.00	.00	.11	-.11

erlakuan : Plastik berlubang, suhu rendah

teration	Residual SS	K	RO
1	7.037129243	2.00000000	.006800000
1.1	12.51769806	-12.080411	.040197694
1.2	10.12193104	-1.9476658	.032592767
1.3	2.849692229	.764561384	.014883535
2	2.849692229	.764561384	.014883535
2.1	1.969959254	.610332333	.024905923
3	1.969959254	.610332333	.024905923
3.1	1.339352518	.873111293	.045591005
4	1.339352518	.873111293	.045591005
4.1	.4809312965	1.89892193	.077621059
5	.4809312965	1.89892193	.077621059
5.1	.1710458057	3.15414342	.061022718
6	.1710458057	3.15414342	.061022718
6.1	.0757611643	3.87401133	.066560504
7	.0757611643	3.87401133	.066560504
7.1	.0748889271	3.87740847	.065926165
8	.0748889271	3.87740847	.065926165
8.1	.0748857892	3.88644343	.065916794
9	.0748857892	3.88644343	.065916794
9.1	.0748857533	3.88561278	.065915153
10	.0748857533	3.88561278	.065915153
10.1	.0748857527	3.88572433	.065915255
11	.0748857527	3.88572433	.065915255
11.1	.0748857527	3.88571098	.065915239
12	.0748857527	3.88571098	.065915239
12.1	.0748857527	3.88571264	.065915241

n stopped after 26 model evaluations and 12 derivative evaluations.
erations have been stopped because the relative reduction between successive
sidual sums of squares is at most SSCON = 1.000E-10

nlinear Regression Summary Statistics Dependent Variable S

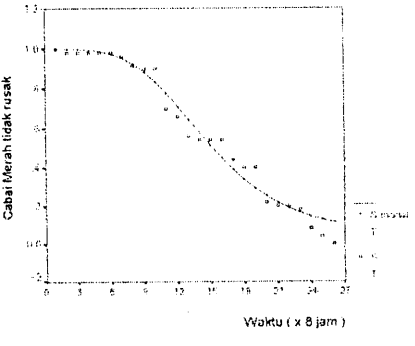
Source	DF	Sum of Squares	Mean Square
Regression	2	11.91151	5.95576
Residual	24	.07489	3.120240E-03
Uncorrected Total	26	11.98640	
(Corrected Total)	25	3.00646	

R squared = 1 - Residual SS / Corrected SS = .97509

		Asymptotic	Asymptotic 95 % Confidence Interval	
Parameter	Estimate	Std. Error	Lower	Upper
K	3.885712642	.272879244	3.322517563	4.448907720
RO	.065915241	.001204439	.063429401	.068401080

Asymptotic Correlation Matrix of the Parameter Estimates

	K	RO
K	1.0000	-.1827
RO	-.1827	1.0000



	t	s	sl_model	residual
1	1.00	1.00	1.00	.00
2	2.00	1.00	.99	.01
3	3.00	1.00	.98	.02
4	4.00	.96	.97	-.01
5	5.00	.96	.95	.01
6	6.00	.96	.94	.02
7	7.00	.86	.92	-.06
8	8.00	.86	.90	-.04
9	9.00	.86	.87	-.01
10	10.00	.84	.85	-.01
11	11.00	.80	.83	-.03
12	12.00	.80	.80	.00
13	13.00	.80	.78	.02
14	14.00	.68	.75	-.07
15	15.00	.68	.73	-.05
16	16.00	.68	.70	-.02
17	17.00	.64	.68	-.04
18	18.00	.64	.66	-.02
19	19.00	.64	.63	.01
20	20.00	.60	.61	-.01
21	21.00	.56	.59	-.03
22	22.00	.54	.57	-.03
23	23.00	.52	.55	-.03
24	24.00	.48	.53	-.05
25	25.00	.48	.51	-.03
26	26.00	.48	.49	-.01
27	27.00	.48	.47	.01
28	28.00	.46	.46	.00
29	29.00	.42	.44	-.02
30	30.00	.42	.42	.00
31	31.00	.42	.41	.01
32	32.00	.42	.40	.02
33	33.00	.42	.38	.04
34	34.00	.42	.37	.05
35	35.00	.40	.36	.04
36	36.00	.40	.34	.06

	t	s	sl_model	residual
37	37.00	.36	.33	.03
38	38.00	.36	.32	.04
39	39.00	.36	.31	.05
40	40.00	.36	.30	.06
41	41.00	.34	.29	.05
42	42.00	.34	.28	.06
43	43.00	.34	.27	.07
44	44.00	.34	.27	.07
45	45.00	.32	.26	.06
46	46.00	.32	.25	.07
47	47.00	.32	.24	.08
48	48.00	.32	.24	.08
49	49.00	.30	.23	.07
50	50.00	.30	.22	.08
51	51.00	.28	.22	.06
52	52.00	.24	.21	.03
53	53.00	.24	.20	.04
54	54.00	.24	.20	.04
55	55.00	.22	.19	.03
56	56.00	.22	.19	.03
57	57.00	.18	.18	.00
58	58.00	.18	.18	.00
59	59.00	.10	.17	-.07
60	60.00	.10	.17	-.07
61	61.00	.10	.16	-.06
62	62.00	.10	.16	-.06
63	63.00	.10	.16	-.06
64	64.00	.10	.15	-.05
65	65.00	.10	.15	-.05
66	66.00	.10	.15	-.05
67	67.00	.10	.14	-.04
68	68.00	.10	.14	-.04
69	69.00	.10	.14	-.04
70	70.00	.10	.13	-.03
71	71.00	.10	.13	-.03
72	72.00	.10	.13	-.03

	t	s	sl_model	residual
73	73.00	.10	.12	-.02
74	74.00	.08	.12	-.04
75	75.00	.08	.12	-.04
76	76.00	.08	.12	-.04
77	77.00	.08	.11	-.03
78	78.00	.06	.11	-.05
79	79.00	.06	.11	-.05
80	80.00	.06	.11	-.05
81	81.00	.06	.10	-.04
82	82.00	.06	.10	-.04
83	83.00	.06	.10	-.04
84	84.00	.06	.10	-.04
85	85.00	.06	.10	-.04
86	86.00	.06	.09	-.03
87	87.00	.04	.09	-.05
88	88.00	.04	.09	-.05
89	89.00	.04	.09	-.05
90	90.00	.00	.09	-.09

Perlakuan : Kemasan Plastik 0.01 mikron; Lemari es

Iteration	Residual SS	K	RO
1	.3294166835	2.06000000	.034000000
1.1	.1781088095	1.85158318	.038350671
2	.1781088095	1.85158318	.038350671
2.1	.1728430765	1.86127686	.039231929
3	.1728430765	1.86127686	.039231929
3.1	.1728241221	1.85609512	.039274180
4	.1728241221	1.85609512	.039274180
4.1	.1728240129	1.85631412	.039276805
5	.1728240129	1.85631412	.039276805
5.1	.1728240121	1.85628003	.039276876
6	.1728240121	1.85628003	.039276876
6.1	.1728240121	1.85628261	.039276885

Run stopped after 12 model evaluations and 6 derivative evaluations.
Iterations have been stopped because the relative reduction between successive residual sums of squares is at most SSCON = 1.000E-1

Nonlinear Regression Summary Statistics Dependent Variable S

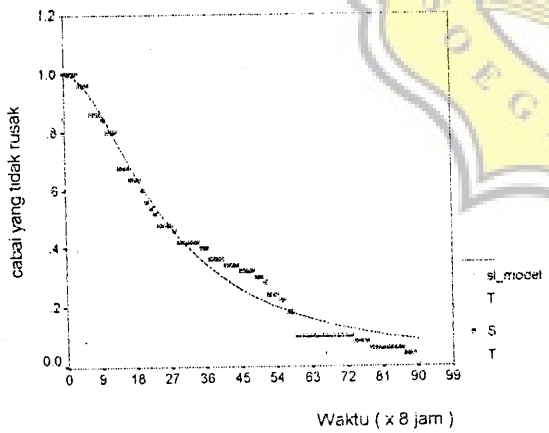
Source	DF	Sum of Squares	Mean Square
Regression	2	18.99558	9.49779
Residual	88	.17282	1.963909E-03
Uncorrected Total	90	19.16840	
(Corrected Total)	89	7.40338	

R squared = 1 - Residual SS / Corrected SS = .97666

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
K	1.856282609	.053355877	1.750249016	1.962316202
RO	.039276885	.000662143	.037961014	.040592755

Asymptotic Correlation Matrix of the Parameter Estimates

	K	RO
K	1.0000	-.4531
RO	-.4531	1.0000



	t	s	sl_model	residual
1	1.00	1.00	.99	.01
2	2.00	1.00	.98	.02
3	3.00	1.00	.96	.04
4	4.00	1.00	.94	.06
5	5.00	1.00	.92	.08
6	6.00	1.00	.90	.10
7	7.00	.94	.88	.06
8	8.00	.92	.85	.07
9	9.00	.90	.83	.07
10	10.00	.78	.81	-.03
11	11.00	.72	.79	-.07
12	12.00	.72	.77	-.05
13	13.00	.68	.75	-.07
14	14.00	.68	.73	-.05
15	15.00	.68	.71	-.03
16	16.00	.68	.69	-.01
17	17.00	.68	.67	.01
18	18.00	.68	.65	.03
19	19.00	.62	.64	-.02
20	20.00	.58	.62	-.04
21	21.00	.54	.60	-.06
22	22.00	.54	.59	-.05
23	23.00	.52	.57	-.05
24	24.00	.50	.56	-.06
25	25.00	.50	.54	-.04
26	26.00	.48	.53	-.05
27	27.00	.48	.52	-.04
28	28.00	.46	.50	-.04
29	29.00	.46	.49	-.03
30	30.00	.46	.48	-.02
31	31.00	.44	.47	-.03
32	32.00	.44	.46	-.02
33	33.00	.44	.45	-.01
34	34.00	.44	.44	.00
35	35.00	.44	.43	.01
36	36.00	.42	.42	.00

	t	s	sl_model	residual
37	37.00	.42	.41	.01
38	38.00	.42	.40	.02
39	39.00	.42	.39	.03
40	40.00	.40	.38	.02
41	41.00	.40	.37	.03
42	42.00	.40	.37	.03
43	43.00	.38	.36	.02
44	44.00	.38	.35	.03
45	45.00	.38	.34	.04
46	46.00	.38	.34	.04
47	47.00	.38	.33	.05
48	48.00	.38	.32	.06
49	49.00	.36	.32	.04
50	50.00	.36	.31	.05
51	51.00	.34	.31	.03
52	52.00	.34	.30	.04
53	53.00	.34	.29	.05
54	54.00	.32	.29	.03
55	55.00	.32	.28	.04
56	56.00	.32	.28	.04
57	57.00	.30	.27	.03
58	58.00	.30	.27	.03
59	59.00	.30	.26	.04
60	60.00	.30	.26	.04
61	61.00	.30	.26	.04
62	62.00	.30	.25	.05
63	63.00	.28	.25	.03
64	64.00	.28	.24	.04
65	65.00	.28	.24	.04
66	66.00	.28	.24	.04
67	67.00	.28	.23	.05
68	68.00	.28	.23	.05
69	69.00	.28	.22	.06
70	70.00	.24	.22	.02
71	71.00	.24	.22	.02
72	72.00	.24	.21	.03

	t	s	sl_model	residual
73	73.00	.24	.21	.03
74	74.00	.22	.21	.01
75	75.00	.22	.20	.02
76	76.00	.22	.20	.02
77	77.00	.20	.20	.00
78	78.00	.20	.20	.00
79	79.00	.20	.19	.01
80	80.00	.20	.19	.01
81	81.00	.20	.19	.01
82	82.00	.20	.19	.01
83	83.00	.18	.18	.00
84	84.00	.16	.18	-.02
85	85.00	.14	.18	-.04
86	86.00	.14	.18	-.04
87	87.00	.14	.17	-.03
88	88.00	.12	.17	-.05
89	89.00	.12	.17	-.05
90	90.00	.12	.17	-.05
91	91.00	.12	.16	-.04
92	92.00	.06	.16	-.10
93	93.00	.02	.16	-.14
94	94.00	.02	.16	-.14
95	95.00	.02	.16	-.14
96	96.00	.02	.15	-.13
97	97.00	.00	.15	-.15

erlakuan : Plastik 0.005µm; Suhu rendah

Iteration	Residual SS	K	RO
1	5.588923270	7.00000000	.028900000
1.1	45.54058830	-5.5841418	.030589734
1.2	4.730069867	5.68373336	.028949867
2	4.730069867	5.68373336	.028949867
2.1	3.090564284	3.96457178	.029036524
3	3.090564284	3.96457178	.029036524
3.1	.6875580899	2.00248097	.029400748
4	.6875580899	2.00248097	.029400748
4.1	.3481618205	1.22080326	.033703707
5	.3481618205	1.22080326	.033703707
5.1	.2532645446	1.40272840	.035283719
6	.2532645446	1.40272840	.035283719
6.1	.2531656661	1.39393621	.035300208
7	.2531656661	1.39393621	.035300208
7.1	.2531645097	1.39496242	.035292806
8	.2531645097	1.39496242	.035292806
8.1	.2531644953	1.39484783	.035293625
9	.2531644953	1.39484783	.035293625
9.1	.2531644951	1.39486067	.035293534
10	.2531644951	1.39486067	.035293534
10.1	.2531644951	1.39485923	.035293544

un stopped after 21 model evaluations and 10 derivative evaluations.
terations have been stopped because the relative reduction between successive
esidual sums of squares is at most SSCON = 1.000E-10

onlinear Regression Summary Statistics Dependent Variable S

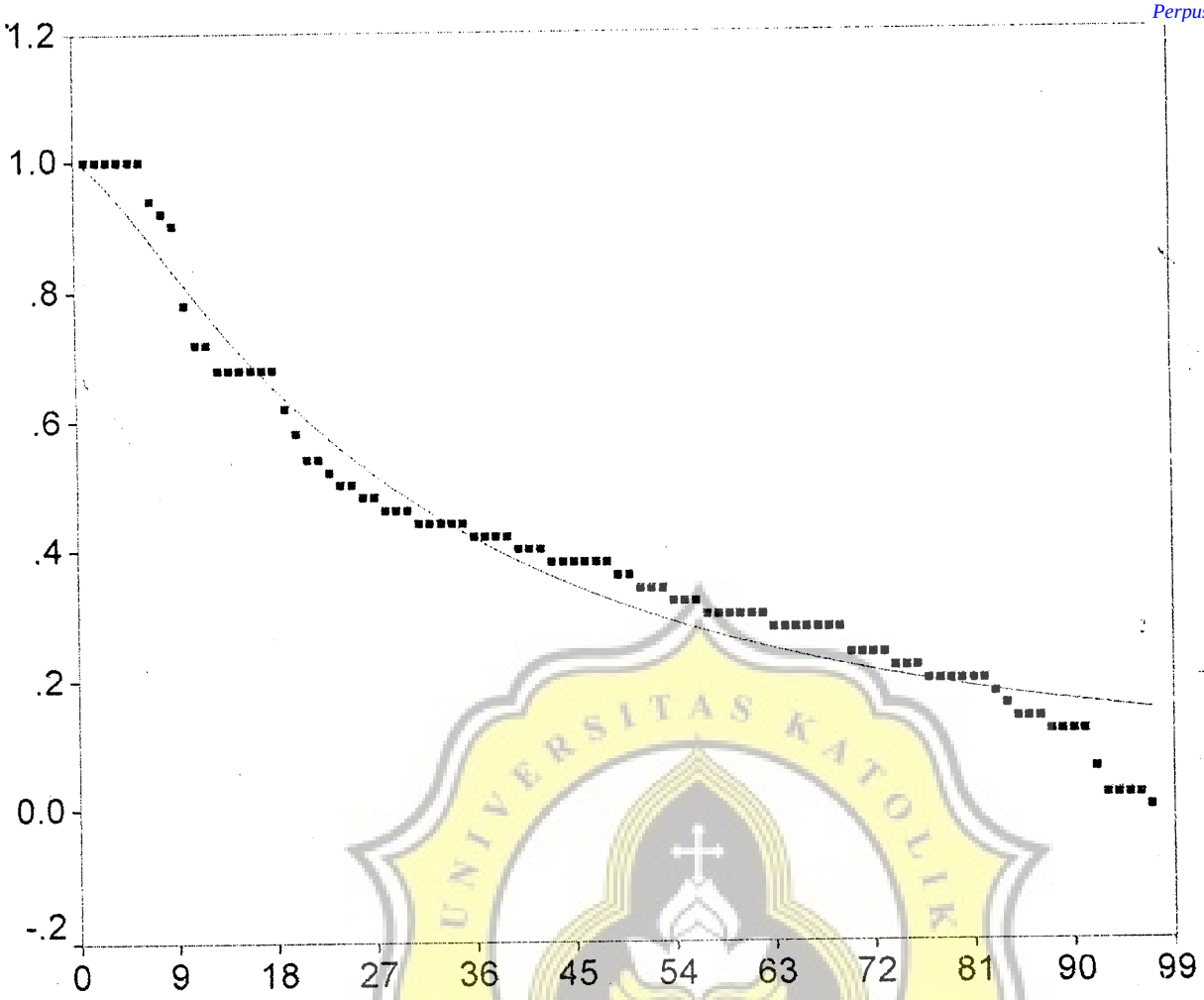
Source	DF	Sum of Squares	Mean Square
Regression	2	21.69364	10.84682
Residual	95	.25316	2.664889E-03
Uncorrected Total	97	21.94680	
(Corrected Total)	96	6.08898	

R squared = 1 - Residual SS / Corrected SS = .95842

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
K	1.394859230	.046503583	1.302537946	1.487180514
RO	.035293544	.000783718	.033737667	.036849422

Asymptotic Correlation Matrix of the Parameter Estimates

	K	RO
K	1.0000	-.4699
RO	-.4699	1.0000



	t	s	sw_model	resioual
1	1.00	1.00	.99	.01
2	2.00	.84	.97	-.13
3	3.00	.80	.92	-.12
4	4.00	.80	.86	-.06
5	5.00	.80	.78	.02
6	6.00	.70	.69	.01
7	7.00	.64	.59	.05
8	8.00	.56	.50	.06
9	9.00	.56	.40	.16
10	10.00	.18	.32	-.14
11	11.00	.18	.24	-.06
12	12.00	.18	.18	.00
13	13.00	.16	.13	.03
14	14.00	.08	.09	-.01
15	15.00	.04	.06	-.02
16	16.00	.00	.04	-.04

erlakuan : tanpa plastik; suhu kamar

teration	Residual SS	RO	K
1	.1101627312	.100000000	2.18000000
1.1	.0921931218	.106161489	2.21312025
2	.0921931218	.106161489	2.21312025
2.1	.0921876217	.106130044	2.20621146
3	.0921876217	.106130044	2.20621146
3.1	.0921874414	.106138738	2.20513694
4	.0921874414	.106138738	2.20513694
4.1	.0921874339	.106139574	2.20489264
5	.0921874339	.106139574	2.20489264
5.1	.0921874335	.106139808	2.20484335
6	.0921874335	.106139808	2.20484335
6.1	.0921874335	.106139852	2.20483305
7	.0921874335	.106139852	2.20483305
7.1	.0921874335	.106139862	2.20483091

un stopped after 14 model evaluations and 7 derivative evaluations.
terations have been stopped because the relative reduction between successive
esidual sums of squares is at most SSCON = 1.000E-10

onlinear Regression Summary Statistics Dependent Variable S

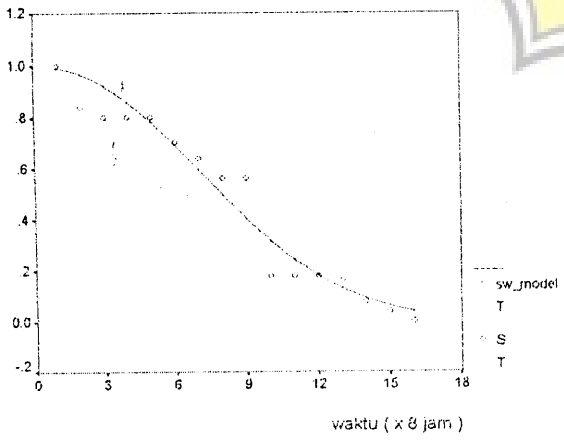
Source	DF	Sum of Squares	Mean Square
Regression	2	5.19101	2.59551
Residual	14	.09219	6.584817E-03
Uncorrected Total	16	5.28320	
(Corrected Total)	15	1.74880	

R squared = 1 - Residual SS / Corrected SS = .94729

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
RO	.106139862	.003934520	.097701157	.114578567
K	2.204830915	.260544442	1.646018664	2.763643165

Asymptotic Correlation Matrix of the Parameter Estimates

	RO	K
RO	1.0000	.0515
K	.0515	1.0000



	t	s	sw_model	residual
1	1.00	1.00	1.00	.00
2	2.00	1.00	1.00	.00
3	3.00	.96	.99	-.03
4	4.00	.96	.98	-.02
5	5.00	.96	.96	.00
6	6.00	.88	.92	-.04
7	7.00	.76	.86	-.10
8	8.00	.74	.78	-.04
9	9.00	.72	.69	.03
10	10.00	.56	.58	-.02
11	11.00	.56	.46	.10
12	12.00	.46	.35	.11
13	13.00	.18	.24	-.06
14	14.00	.06	.16	-.10
15	15.00	.06	.09	-.03
16	16.00	.06	.05	.01
17	17.00	.00	.02	-.02

erlakuan : plastik perforasi, suhu ruang

teration	Residual SS	RO	K
1	.0560553674	.086000000	3.58000000
1.1	.0538965580	.084674718	3.56289239
2	.0538965580	.084674718	3.56289239
2.1	.0538476741	.084784208	3.59801359
3	.0538476741	.084784208	3.59801359
3.1	.0538468511	.084761138	3.59898235
4	.0538468511	.084761138	3.59898235
4.1	.0538468366	.084762136	3.59963054
5	.0538468366	.084762136	3.59963054
5.1	.0538468364	.084761777	3.59966738
6	.0538468364	.084761777	3.59966738
6.1	.0538468364	.084761783	3.59967948

un stopped after 12 model evaluations and 6 derivative evaluations.
terations have been stopped because the relative reduction between successive
esidual sums of squares is at most SSCON = 1.000E-09

onlinear Regression Summary Statistics Dependent Variable S

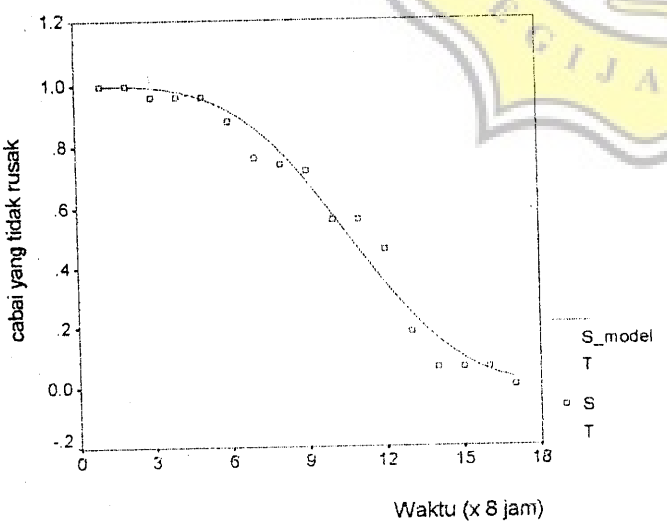
Source	DF	Sum of Squares	Mean Square
Regression	2	8.01095	4.00548
Residual	15	.05385	3.589789E-03
Uncorrected Total	17	8.06480	
(Corrected Total)	16	2.27619	

R squared = 1 - Residual SS / Corrected SS = .97634

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
RO	.084761783	.001620329	.081308132	.088215433
K	3.599679481	.332992318	2.889923157	4.309435805

Asymptotic Correlation Matrix of the Parameter Estimates

	RO	K
RO	1.0000	.1494
K	.1494	1.0000



	t	s	sw_model	residual
1	1.00	1.00	.98	.02
2	2.00	.98	.95	.03
3	3.00	.92	.90	.02
4	4.00	.86	.84	.02
5	5.00	.84	.78	.06
6	6.00	.80	.72	.08
7	7.00	.54	.65	-.11
8	8.00	.52	.58	- 06
9	9.00	.46	.52	-.06
10	10.00	.42	.46	-.04
11	11.00	.42	.40	.02
12	12.00	.40	.35	.05
13	13.00	.32	.30	.02
14	14.00	.28	.26	.02
15	15.00	.28	.22	.06
16	16.00	.20	.18	.02
17	17.00	.12	.15	-.03
18	18.00	.12	.13	-.01
19	19.00	.12	.11	.01
20	20.00	.08	.09	-.01
21	21.00	.06	.07	-.01
22	22.00	.06	.06	.00
23	23.00	.04	.05	-.01
24	24.00	.00	.04	-.04

Perlakuan : Plastik 0.01 mikron;suhu ruang

Iteration	Residual SS	RO	K
1	.0447193669	.086000000	1.65000000
1.1	.0447004737	.085865279	1.65615762
2	.0447004737	.085865279	1.65615762
2.1	.0447003970	.085865983	1.65558707
3	.0447003970	.085865983	1.65558707
3.1	.0447003963	.085865918	1.65564091
4	.0447003963	.085865918	1.65564091
4.1	.0447003963	.085865924	1.65563584
5	.0447003963	.085865924	1.65563584
5.1	.0447003963	.085865923	1.65563632

Run stopped after 10 model evaluations and 5 derivative evaluations.
Iterations have been stopped because the relative reduction between successive residual sums of squares is at most SSCON = 1.000E-10

Nonlinear Regression Summary Statistics Dependent Variable S

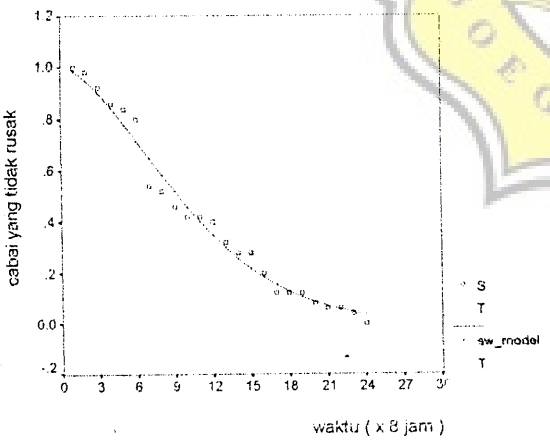
Source	DF	Sum of Squares	Mean Square
Regression	2	6.49130	3.24565
Residual	22	.04470	2.031836E-03
Uncorrected Total	24	6.53600	
(Corrected Total)	23	2.50160	

R squared = 1 - Residual SS / Corrected SS = .98213

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
RO	.085865923	.001835747	.082058817	.089673030
K	1.655636321	.088319479	1.472472931	1.838799711

Asymptotic Correlation Matrix of the Parameter Estimates

	RO	K
RO	1.0000	-.0489
K	-.0489	1.0000



	t	s	sw_model	residual
1	1.00	1.00	1.00	.00
2	2.00	1.00	1.00	.00
3	3.00	.98	.99	-.01
4	4.00	.98	.98	.00
5	5.00	.90	.97	-.07
6	6.00	.88	.95	-.07
7	7.00	.86	.91	-.05
8	8.00	.84	.87	-.03
9	9.00	.80	.83	-.03
10	10.00	.78	.77	.01
11	11.00	.72	.70	.02
12	12.00	.68	.63	.05
13	13.00	.68	.56	.12
14	14.00	.60	.48	.12
15	15.00	.28	.41	-.13
16	16.00	.28	.33	-.05
17	17.00	.20	.27	-.07
18	18.00	.16	.21	-.05
19	19.00	.16	.16	.00
20	20.00	.12	.11	.01
21	21.00	.10	.08	.02
22	22.00	.10	.06	.04
23	23.00	.10	.04	.06
24	24.00	.02	.02	.00
25	25.00	.00	.01	-.01

Perlakuan : Pengemasan plastik 0.05 mm: suhu ruang

Iteration	Residual SS	A	B
1	.0649454678	13.8000000	.330000000
1.1	.0649166714	13.8004110	.332109866
2	.0649166714	13.8004110	.332109866
2.1	.0649162275	13.8013554	.332355315
3	.0649162275	13.8013554	.332355315
3.1	.0649162204	13.8014555	.332386997
4	.0649162204	13.8014555	.332386997
4.1	.0649162203	13.8014687	.332390978
5	.0649162203	13.8014687	.332390978
5.1	.0649162203	13.8014704	.332391481

Run stopped after 10 model evaluations and 5 derivative evaluations.
Iterations have been stopped because the relative reduction between successive residual sums of squares is at most SSCON = 1.000E-10

Nonlinear Regression Summary Statistics Dependent Variable S

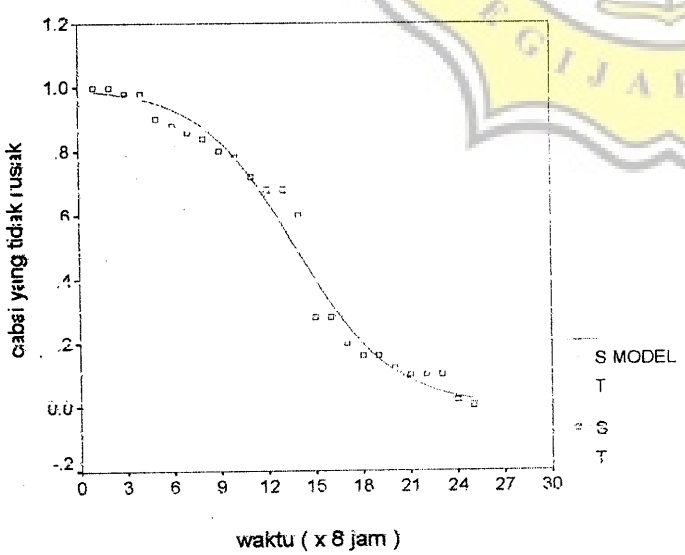
Source	DF	Sum of Squares	Mean Square
Regression	2	10.22988	5.11494
Residual	23	.06492	2.822444E-03
Uncorrected Total	25	10.29480	
(Corrected Total)	24	3.30406	

R squared = 1 - Residual SS / Corrected SS = .98035

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
A	13.801470376	.225896556	13.334167747	14.268773005
B	.332391481	.022247049	.286369955	.378413007

Asymptotic Correlation Matrix of the Parameter Estimates

	A	B
A	1.0000	-.0028
B	-.0028	1.0000



	t	s	sw_model	residual
1	1.00	1.00	1.00	.00
2	2.00	1.00	1.00	.00
3	3.00	.94	1.00	-.06
4	4.00	.92	1.00	-.08
5	5.00	.90	.99	-.09
6	6.00	.90	.98	-.08
7	7.00	.90	.93	-.03
8	8.00	.84	.83	.01
9	9.00	.80	.66	.14
10	10.00	.30	.42	-.12
11	11.00	.18	.19	-.01
12	12.00	.12	.05	.07
13	13.00	.06	.00	.06
14	14.00	.06	.00	.06
15	15.00	.06	.00	.06
16	16.00	.00	.00	.00

Perlakuan : Tanpa Plastik; suhu rendah

Iteration	Residual SS	RO	K
1	.0963761554	.100000000	9.20000000
1.1	.0683761479	.104207017	9.64008548
2	.0683761479	.104207017	9.64008548
2.1	.0673128569	.103949293	10.2022157
3	.0673128569	.103949293	10.2022157
3.1	.0671001545	.103923213	10.4786597
4	.0671001545	.103923213	10.4786597
4.1	.0670570209	.103906919	10.6074747
5	.0670570209	.103906919	10.6074747
5.1	.0670483030	.103900104	10.6662953
6	.0670483030	.103900104	10.6662953
6.1	.0670465441	.103897080	10.6929018
7	.0670465441	.103897080	10.6929018
7.1	.0670461896	.103895732	10.7048858
8	.0670461896	.103895732	10.7048858
8.1	.0670461181	.103895130	10.7102732
9	.0670461181	.103895130	10.7102732
9.1	.0670461037	.103894859	10.7126931
10	.0670461037	.103894859	10.7126931
10.1	.0670461008	.103894738	10.7137797

un stopped after 20 model evaluations and 10 derivative evaluations.
he iterations limit has been reached.

onlinear Regression Summary Statistics Dependent Variable S

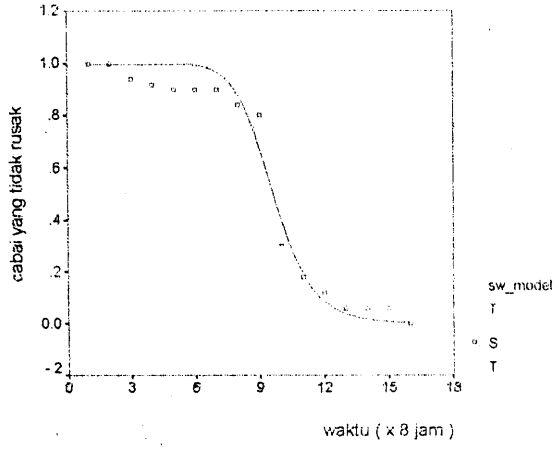
Source	DF	Sum of Squares	Mean Square
Regression	2	7.58615	3.79308
Residual	14	.06705	4.789007E-03
Uncorrected Total	16	7.65320	
(Corrected Total)	15	2.61318	

R squared = 1 - Residual SS / Corrected SS = .97434

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
RO	.103894738	.001739203	.100164519	.107624957
K	10.713779681	1.680290508	7.109914968	14.317644394

Asymptotic Correlation Matrix of the Parameter Estimates

	RO	K
RO	1.0000	-.1051
K	-.1051	1.0000



	t	s	sw_model	resd_2
1	1.00	1.00	1.00	.00
2	2.00	.98	1.00	-.02
3	3.00	.98	.99	-.01
4	4.00	.98	.98	.00
5	5.00	.98	.97	.01
6	6.00	.98	.95	.03
7	7.00	.96	.93	.03
8	8.00	.92	.90	.02
9	9.00	.90	.86	.04
10	10.00	.90	.82	.08
11	11.00	.70	.77	-.07
12	12.00	.66	.72	-.06
13	13.00	.56	.66	-.10
14	14.00	.54	.60	-.06
15	15.00	.54	.54	.00
16	16.00	.54	.48	.06
17	17.00	.44	.42	.02
18	18.00	.40	.36	.04
19	19.00	.40	.31	.09
20	20.00	.22	.26	-.04
21	21.00	.20	.21	-.01
22	22.00	.20	.17	.03
23	23.00	.18	.14	.04
24	24.00	.08	.11	-.03
25	25.00	.04	.08	-.04
26	26.00	.00	.06	-.06

erlakuan : Kemasan plastik Perforasi 0.05 mm; disimpan dalam suhu rendah

teration	Residual SS	RO	K
1	.0599066791	.055000000	2.70000000
1.1	.0576688821	.055799923	2.73443971
2	.0576688821	.055799923	2.73443971
2.1	.0576653877	.055785671	2.72831458
3	.0576653877	.055785671	2.72831458
3.1	.0576653444	.055787203	2.72899756
4	.0576653444	.055787203	2.72899756
4.1	.0576653439	.055787031	2.72892278
5	.0576653439	.055787031	2.72892278
5.1	.0576653439	.055787050	2.72893100
6	.0576653439	.055787050	2.72893100
6.1	.0576653439	.055787048	2.72893011

un stopped after 12 model evaluations and 6 derivative evaluations.
terations have been stopped because the relative reduction between successive
esidual sums of squares is at most SSCON = 1.000E-10
onlinear Regression Summary Statistics Dependent Variable S

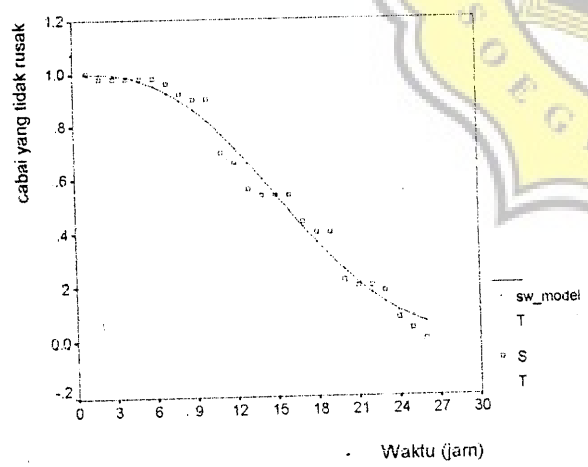
Source	DF	Sum of Squares	Mean Square
Regression	2	11.92873	5.96437
Residual	24	.05767	2.402723E-03
Uncorrected Total	26	11.98640	
(Corrected Total)	25	3.00646	

R squared = 1 - Residual SS / Corrected SS = .98082

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
RO	.055787048	.000828274	.054077574	.057496522
K	2.728930106	.157843749	2.403156620	3.054703592

Asymptotic Correlation Matrix of the Parameter Estimates

	RO	K
RO	1.0000	.1474
K	.1474	1.0000



	t	s	sw_model	resd_2
1	1.00	1.00	.99	.01
2	2.00	1.00	.97	.03
3	3.00	1.00	.95	.05
4	4.00	.96	.93	.03
5	5.00	.96	.91	.05
6	6.00	.96	.89	.07
7	7.00	.86	.87	-.01
8	8.00	.86	.85	.01
9	9.00	.86	.83	.03
10	10.00	.84	.81	.03
11	11.00	.80	.79	.01
12	12.00	.80	.77	.03
13	13.00	.80	.75	.05
14	14.00	.68	.73	-.05
15	15.00	.68	.71	-.03
16	16.00	.68	.69	-.01
17	17.00	.64	.67	-.03
18	18.00	.64	.65	-.01
19	19.00	.64	.64	.00
20	20.00	.60	.62	-.02
21	21.00	.56	.60	-.04
22	22.00	.54	.58	-.04
23	23.00	.52	.56	-.04
24	24.00	.48	.55	-.07
25	25.00	.48	.53	-.05
26	26.00	.48	.52	-.04
27	27.00	.48	.50	-.02
28	28.00	.46	.48	-.02
29	29.00	.42	.47	-.05
30	30.00	.42	.45	-.03
31	31.00	.42	.44	-.02
32	32.00	.42	.43	-.01
33	33.00	.42	.41	.01
34	34.00	.42	.40	.02
35	35.00	.40	.39	.01
36	36.00	.40	.37	.03

	t	s	sw_model	resd_2
37	37.00	.36	.36	.00
38	38.00	.36	.35	.01
39	39.00	.36	.34	.02
40	40.00	.36	.33	.03
41	41.00	.34	.32	.02
42	42.00	.34	.31	.03
43	43.00	.34	.29	.05
44	44.00	.34	.28	.06
45	45.00	.32	.27	.05
46	46.00	.32	.27	.05
47	47.00	.32	.26	.06
48	48.00	.32	.25	.07
49	49.00	.30	.24	.06
50	50.00	.30	.23	.07
51	51.00	.28	.22	.06
52	52.00	.24	.21	.03
53	53.00	.24	.21	.03
54	54.00	.24	.20	.04
55	55.00	.22	.19	.03
56	56.00	.22	.19	.03
57	57.00	.18	.18	.00
58	58.00	.18	.17	.01
59	59.00	.10	.17	-.07
60	60.00	.10	.16	-.06
61	61.00	.10	.15	-.05
62	62.00	.10	.15	-.05
63	63.00	.10	.14	-.04
64	64.00	.10	.14	-.04
65	65.00	.10	.13	-.03
66	66.00	.10	.13	-.03
67	67.00	.10	.12	-.02
68	68.00	.10	.12	-.02
69	69.00	.10	.11	-.01
70	70.00	.10	.11	-.01
71	71.00	.10	.11	-.01
72	72.00	.10	.10	.00

	t	s	sw_model	resd_2
73	73.00	.10	.10	.00
74	74.00	.08	.09	-.01
75	75.00	.08	.09	-.01
76	76.00	.08	.09	-.01
77	77.00	.08	.08	.00
78	78.00	.06	.08	-.02
79	79.00	.06	.08	-.02
80	80.00	.06	.07	-.01
81	81.00	.06	.07	-.01
82	82.00	.06	.07	-.01
83	83.00	.06	.07	-.01
84	84.00	.06	.06	.00
85	85.00	.06	.06	.00
86	86.00	.06	.06	.00
87	87.00	.04	.06	-.02
88	88.00	.04	.05	-.01
89	89.00	.04	.05	-.01
90	90.00	.00	.05	-.05

erlakuan : Plastik 0.01 mikron; suhu rendah

teration	Residual SS	RO	K
1	.1087513869	.027000000	1.20000000
1.1	.1054864203	.027421458	1.21707394
2	.1054864203	.027421458	1.21707394
2.1	.1054824165	.027419550	1.21555565
3	.1054824165	.027419550	1.21555565
3.1	.1054823951	.027419724	1.21566545
4	.1054823951	.027419724	1.21566545
4.1	.1054823950	.027419712	1.21565752
5	.1054823950	.027419712	1.21565752
5.1	.1054823950	.027419713	1.21565809

un stopped after 10 model evaluations and 5 derivative evaluations.
terations have been stopped because the relative reduction between successive
esidual sums of squares is at most SSCON = 1.000E-10

onlinear Regression Summary Statistics Dependent Variable S

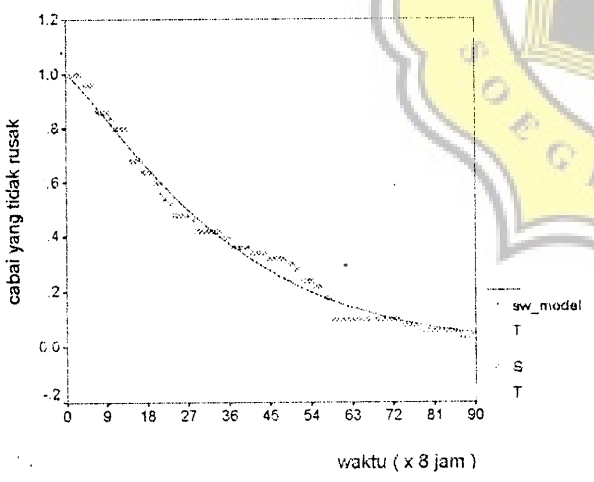
Source	DF	Sum of Squares	Mean Square
Regression	2	19.06292	9.53146
Residual	88	.10548	1.198664E-03
Uncorrected Total	90	19.16840	
(Corrected Total)	89	7.40338	

R squared = 1 - Residual SS / Corrected SS = .98575

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
RO	.027419713	.000301363	.026820817	.028018608
K	1.215658093	.026182213	1.163626446	1.267689740

Asymptotic Correlation Matrix of the Parameter Estimates

	RO	K
RO	1.0000	-.1581
K	-.1581	1.0000



	t	s	sw_model	residual
1	1.00	1.00	.97	.03
2	2.00	1.00	.95	.05
3	3.00	1.00	.93	.07
4	4.00	1.00	.90	.10
5	5.00	1.00	.88	.12
6	6.00	1.00	.86	.14
7	7.00	.94	.84	.10
8	8.00	.92	.82	.10
9	9.00	.90	.80	.10
10	10.00	.78	.79	-.01
11	11.00	.72	.77	-.05
12	12.00	.72	.75	-.03
13	13.00	.68	.73	-.05
14	14.00	.68	.72	-.04
15	15.00	.68	.70	-.02
16	16.00	.68	.69	-.01
17	17.00	.68	.67	.01
18	18.00	.68	.66	.02
19	19.00	.62	.64	-.02
20	20.00	.58	.63	-.05
21	21.00	.54	.61	-.07
22	22.00	.54	.60	-.06
23	23.00	.52	.59	-.07
24	24.00	.50	.57	-.07
25	25.00	.50	.56	-.06
26	26.00	.48	.55	-.07
27	27.00	.48	.54	-.06
28	28.00	.46	.53	-.07
29	29.00	.46	.51	-.05
30	30.00	.46	.50	-.04
31	31.00	.44	.49	-.05
32	32.00	.44	.48	-.04
33	33.00	.44	.47	-.03
34	34.00	.44	.46	-.02
35	35.00	.44	.45	-.01
36	36.00	.42	.44	-.02
37	37.00	.42	.43	-.01
38	38.00	.42	.42	.00
39	39.00	.42	.41	.01
40	40.00	.40	.40	.00

	t	s	sw_model	residual
41	41.00	.40	.40	.00
42	42.00	.40	.39	.01
43	43.00	.38	.38	.00
44	44.00	.38	.37	.01
45	45.00	.38	.36	.02
46	46.00	.38	.36	.02
47	47.00	.38	.35	.03
48	48.00	.38	.34	.04
49	49.00	.36	.33	.03
50	50.00	.36	.33	.03
51	51.00	.34	.32	.02
52	52.00	.34	.31	.03
53	53.00	.34	.31	.03
54	54.00	.32	.30	.02
55	55.00	.32	.29	.03
56	56.00	.32	.29	.03
57	57.00	.30	.28	.02
58	58.00	.30	.28	.02
59	59.00	.30	.27	.03
60	60.00	.30	.26	.04
61	61.00	.30	.26	.04
62	62.00	.30	.25	.05
63	63.00	.28	.25	.03
64	64.00	.28	.24	.04
65	65.00	.28	.24	.04
66	66.00	.28	.23	.05
67	67.00	.28	.23	.05
68	68.00	.28	.22	.06
69	69.00	.28	.22	.06
70	70.00	.24	.21	.03
71	71.00	.24	.21	.03
72	72.00	.24	.21	.03
73	73.00	.24	.20	.04
74	74.00	.22	.20	.02
75	75.00	.22	.19	.03
76	76.00	.22	.19	.03
77	77.00	.20	.18	.02
78	78.00	.20	.18	.02
79	79.00	.20	.18	.02
80	80.00	.20	.17	.03

	t	s	sw_model	residual
81	81.00	.20	.17	.03
82	82.00	.20	.17	.03
83	83.00	.18	.16	.02
84	84.00	.16	.16	.00
85	85.00	.14	.16	-.02
86	86.00	.14	.15	-.01
87	87.00	.14	.15	-.01
88	88.00	.12	.15	-.03
89	89.00	.12	.14	-.02
90	90.00	.12	.14	-.02
91	91.00	.12	.14	-.02
92	92.00	.06	.14	-.08
93	93.00	.02	.13	-.11
94	94.00	.02	.13	-.11
95	95.00	.02	.13	-.11
96	96.00	.02	.12	-.10
97	97.00	.00	.12	-.12

erlakuan : Kemasan plastik 0.05 mm; suhu rendah

teration	Residual SS	RO	K
1	.6673374621	.028000000	1.00000000
1.1	.2565273291	.022069230	.922893716
2	.2565273291	.022069230	.922893716
2.1	.2501769838	.022514183	.955627991
3	.2501769838	.022514183	.955627991
3.1	.2501449666	.022510117	.952063775
4	.2501449666	.022510117	.952063775
4.1	.2501444982	.022509834	.952499601
5	.2501444982	.022509834	.952499601
5.1	.2501444915	.022509865	.952447141
6	.2501444915	.022509865	.952447141
6.1	.2501444914	.022509861	.952453466
7	.2501444914	.022509861	.952453466
7.1	.2501444914	.022509862	.952452704

un stopped after 14 model evaluations and 7 derivative evaluations.
terations have been stopped because the relative reduction between successive
esidual sums of squares is at most SSCON = 1.000E-10

onlinear Regression Summary Statistics Dependent Variable S

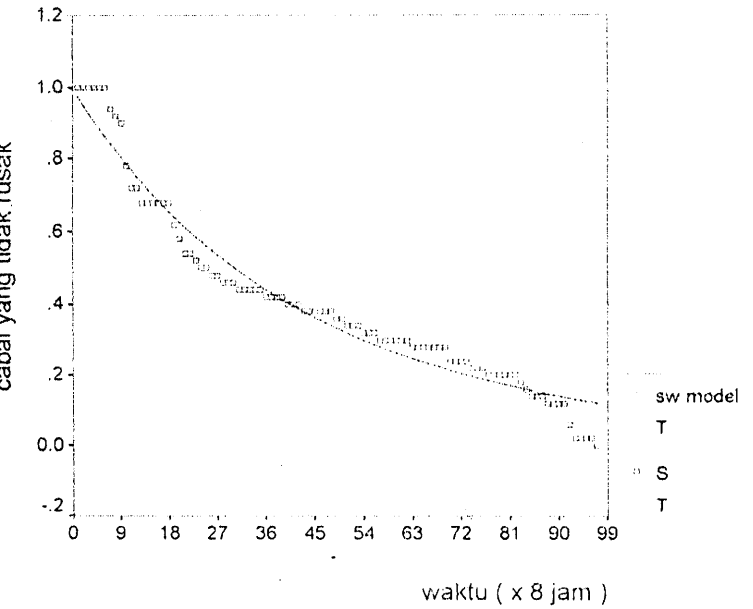
Source	DF	Sum of Squares	Mean Square
Regression	2	21.69666	10.84833
Residual	95	.25014	2.633100E-03
Uncorrected Total	97	21.94680	
(Corrected Total)	96	6.08898	

R squared = 1 - Residual SS / Corrected SS = .95892

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
RO	.022509862	.000399443	.021716867	.023302856
K	.952452704	.030665063	.891574856	1.013330551

Asymptotic Correlation Matrix of the Parameter Estimates

	RO	K
RO	1.0000	-.0732
K	-.0732	1.0000



cabal yang tidak rusak

waktu (x 8 jam)