BAB V

KESIMPULAN DAN SARAN

5.1 Kesimpulan

Berdasarkan data penelitian analisis dan pembahasan dapat ditarik beberapa kesimpulan, yaitu sebagai berikut :

1. Faktor-faktor *waste* tenaga kerja yang sering terjadi dalam proyek konstruksi adalah material (19,1%) dengan penundaan material (*delay)* menjadi penyebab utamanya, peralatan (17,6%) dengan keterbatasan alat yang tersedia menjadi faktor yang paling berpengaruh, teknis (13,2%) dengan keahlian tenaga kerja menjadi yang paling berpengaruh dan perilaku dengan menyelesaikan pekerjaan orang lain menjadi penyebab utama (14,7%)
2. Dampak tertinggi dari faktor-faktor *waste* tenaga kerja terhadap proses pelaksana proyek konstruksi adalah material (3,29) karena material belum datang, kemudian diikuti perilaku karena bercanda saat bekerja (3,23), peralatan (3,22) karena kerusakan alat dan terakhir teknis karena delay akibat kesalahan (3,15).
3. Faktor *waste* tenaga kerja yang bepengaruh terhadap pembiayaan suatu proyek konstruksi adalah material (p = 0,014), peralatan (p=0,007), teknis (0,013) dan perilaku (0,003).

5.2 Saran

Berdasarkan kesimpulan diatas, maka penyusun mencoba memberikan saran yang mungkin dapat bermanfaat untuk keberhasilan proyek :

1. Perusahaan jasa konstruksi yang akan melaksanakan proyek, hendaknya memperhatikan masalah material, peralatan, teknis dan perilaku pekerja sehingga waste tenaga kerja dapat diminimalisir.
2. Perencanaan dan penjadwalan untuk identifikasi jenis pekerjaan, rencana urutan pekerjaan, perubahan rencana kerja dan penentuan durasi pekerjaan hendaknya dilakukan dengan cermat dan harus sesuai degnan kondisi riil di lapangan sehingga waste tenaga kerja dapat diminimalisir.

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DATA PENELITIAN

Resp	MATERIAL									PERALATAN						
	a	b	c	d	e	f	g	Juml	Rt2	a	b	c	d	e	Juml	Rt2
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3	4	4	3	3	3	3	3	23	3,29	2	3	2	3	2	12	2,40
4	2	4	4	3	2	4	2	21	3,00	3	3	3	3	2	14	2,80
5	2	2	2	3	2	3	2	16	2,29	3	4	4	4	5	20	4,00
6	5	4	4	4	4	5	4	30	4,29	3	2	1	1	1	8	1,60
7	2	3	3	1	3	3	1	16	2,29	3	3	3	2	4	15	3,00
8	2	1	1	1	2	1	2	10	1,43	2	3	3	3	3	14	2,80
9	2	1	2	1	1	2	1	10	1,43	5	4	4	5	4	22	4,40
10	4	4	4	4	4	3	4	27	3,86	2	2	2	3	2	11	2,20
11	3	2	3	2	2	2	3	17	2,43	2	3	2	2	2	11	2,20
12	2	3	2	2	2	3	3	17	2,43	2	2	2	3	2	11	2,20
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14	2	2	2	3	3	3	2	17	2,43	1	2	2	3	2	10	2,00
15	3	3	3	4	4	4	4	25	3,57	4	4	4	3	4	19	3,80
16	3	3	3	3	2	3	3	20	2,86	3	3	3	2	2	13	2,60
17	3	1	2	2	3	2	3	16	2,29	3	3	3	3	3	15	3,00
18	4	4	4	4	4	4	4	28	4,00	4	4	4	4	4	20	4,00
19	2	2	3	3	2	2	2	16	2,29	3	3	3	3	3	15	3,00
20	3	2	3	3	2	3	3	19	2,71	4	3	3	3	2	15	3,00
21	3	3	3	2	3	3	3	20	2,86	3	3	3	3	3	15	3,00
22	3	3	3	2	3	3	3	20	2,86	3	3	4	3	3	16	3,20
23	3	3	2	4	2	2	3	19	2,71	3	4	4	4	3	18	3,60
24	4	4	4	5	4	4	5	30	4,29	4	5	4	5	4	22	4,40
25	2	3	2	4	2	2	4	19	2,71	2	2	2	2	2	10	2,00
26	3	3	3	4	4	4	3	24	3,43	4	4	4	3	4	19	3,80
27	4	4	3	4	4	4	4	27	3,86	2	4	4	3	4	17	3,40
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29	3	3	3	3	3	3	2	20	2,86	4	5	3	4	4	20	4,00
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34	2	3	2	3	3	2	3	18	2,57	2	2	2	2	2	10	2,00
35	4	4	4	5	4	4	4	29	4,14	3	3	3	3	3	15	3,00
36	2	3	3	2	2	4	2	18	2,57	4	4	4	4	3	19	3,80
37	3	3	3	3	3	3	3	21	3,00	4	4	2	3	4	17	3,40
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44	3	3	3	3	3	3	2	20	2,86	3	3	2	2	4	14	2,80
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53	4	3	4	5	5	5	5	31	4,43	3	4	4	4	3	18	3,60
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56	3	2	2	3	1	2	3	16	2,29	3	2	2	3	2	12	2,40
57	3	3	4	4	3	3	3	23	3,29	4	4	4	3	4	19	3,80
58	2	2	2	1	1	2	1	11	1,57	2	2	2	3	1	10	2,00
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61	2	2	1	2	2	2	3	14	2,00	4	3	3	4	4	18	3,60
62	2	2	2	2	2	1	2	13	1,86	2	3	2	2	3	12	2,40
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66	3	1	1	3	1	3	3	15	2,14	3	3	3	2	2	13	2,60
67	2	3	2	2	4	2	4	19	2,71	2	4	3	4	4	17	3,40
68	3	2	3	2	2	2	2	16	2,29	3	2	3	3	4	15	3,00

Resp	TEKNIK								PERILAKU											
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5	3	3	3	3	4	3	19	3,17	2	3	2	3	3	3	3	3	3	3	28	2,80
6	1	2	2	1	1	1	8	1,33	1	3	2	3	3	3	4	3	3	3	28	2,80
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21	3	3	4	4	3	4	21	3,50	4	4	4	3	4	4	3	3	3	3	35	3,50
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33	2	2	3	3	3	3	16	2,67	2	3	2	3	3	3	3	3	3	3	28	2,80
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42	2	3	3	3	3	4	18	3,00	1	2	1	3	3	3	3	3	3	3	25	2,50
43	4	3	3	4	4	4	22	3,67	1	3	1	3	2	3	2	3	1	1	20	2,00
44	2	3	3	3	3	3	17	2,83	1	2	1	3	3	3	3	3	3	3	25	2,50
45	3	3	3	3	3	3	18	3,00	3	3	3	3	3	3	3	3	3	3	30	3,00
46	2	3	4	3	4	4	20	3,33	3	2	2	3	3	2	2	3	3	3	26	2,60
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56	2	3	2	2	2	2	13	2,17	3	4	4	4	3	4	4	4	3	4	37	3,70
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59	2	2	2	5	2	2	15	2,50	4	2	2	2	2	2	3	2	2	2	23	2,30
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61	2	2	4	2	2	2	14	2,33	2	2	2	2	2	2	3	2	2	2	21	2,10
62	3	2	2	3	2	2	14	2,33	4	3	4	4	4	3	4	3	3	3	35	3,50
63	4	4	4	3	3	4	22	3,67	2	2	2	4	2	2	2	3	2	2	23	2,30
64	3	3	3	3	3	3	18	3,00	3	3	3	3	3	4	3	3	3	3	31	3,10
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66	3	3	2	2	2	2	14	2,33	4	4	3	3	4	3	2	3	3	3	32	3,20
67	2	2	2	2	2	2	12	2,00	2	2	3	2	2	2	3	2	2	2	22	2,20
68	2	3	3	2	2	2	14	2,33	3	4	2	4	2	3	2	2	2	2	26	2,60

Lampiran 2

Resp	BIAYA KONTRUKSI					
	a	b	c	d	Juml	Rt2
1	3	2	2	3	10	2,50
2	3	3	3	3	12	3,00
3	4	3	3	3	13	3,25
4	3	3	3	3	12	3,00
5	3	4	4	3	14	3,50
6	2	3	2	2	9	2,25
7	3	4	3	3	13	3,25
8	3	2	3	3	11	2,75
9	4	4	4	4	16	4,00
10	2	3	3	3	11	2,75
11	2	3	3	3	11	2,75
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16	3	4	4	3	14	3,50
17	4	3	4	3	14	3,50
18	4	4	4	4	16	4,00
19	3	3	3	3	12	3,00
20	3	3	2	3	11	2,75
21	3	4	4	4	15	3,75
22	4	3	4	3	14	3,50
23	3	4	3	4	14	3,50
24	4	5	4	4	17	4,25
25	3	2	2	3	10	2,50
26	3	4	4	4	15	3,75
27	3	3	2	3	11	2,75
28	4	4	5	4	17	4,25
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33	3	3	3	3	12	3,00
34	4	4	4	4	16	4,00
35	4	4	4	4	16	4,00
36	4	4	3	2	13	3,25
37	3	3	4	3	13	3,25
38	3	3	2	3	11	2,75
39	3	2	3	3	11	2,75
40	3	2	3	2	10	2,50
41	3	3	3	3	12	3,00
42	3	3	3	3	12	3,00
43	3	3	3	3	12	3,00
44	3	3	3	3	12	3,00
45	4	4	3	3	14	3,50
46	4	3	3	3	13	3,25
47	2	3	2	3	10	2,50
48	4	3	4	4	15	3,75
49	3	3	3	3	12	3,00
50	3	3	2	3	11	2,75
51	3	4	3	3	13	3,25
52	3	3	3	2	11	2,75
53	4	4	5	4	17	4,25
54	3	3	3	4	13	3,25
55	3	4	4	4	15	3,75
56	3	4	3	3	13	3,25
57	2	2	2	2	8	2,00
58	3	2	2	3	10	2,50
59	1	2	2	2	7	1,75
60	3	2	2	2	9	2,25
61	2	2	2	2	8	2,00
62	2	3	2	3	10	2,50
63	1	3	2	2	8	2,00
64	2	2	3	2	9	2,25
65	2	1	2	3	8	2,00
66	4	3	3	4	14	3,50
67	3	4	3	3	13	3,25
68	2	3	3	2	10	2,50

DATA DAMPAK

Resp	MATERIAL									PERALATAN						
	a	b	c	d	e	f	g	Juml	Rt2	a	b	c	d	e	Juml	Rt2
1	3	3	4	3	4	4	4	25	3,57	4	4	3	4	4	19	3,80
2	2	3	2	3	3	2	3	18	2,57	3	2	3	3	2	13	2,60
3	3	4	3	4	3	3	4	24	3,43	4	4	3	4	4	19	3,80
4	3	3	3	3	3	2	3	20	2,86	2	4	2	2	4	14	2,80
5	3	3	3	4	3	4	4	24	3,43	4	4	4	3	3	18	3,60
6	4	4	4	4	4	3	4	27	3,86	4	4	4	3	4	19	3,80
7	4	3	4	3	4	3	4	25	3,57	4	3	2	3	2	14	2,80
8	3	3	3	4	4	3	3	23	3,29	4	3	3	2	3	15	3,00
9	4	3	3	3	3	3	3	22	3,14	3	4	2	2	2	13	2,60
10	4	3	3	2	3	2	2	19	2,71	3	2	3	2	3	13	2,60
11	3	2	3	3	3	2	3	19	2,71	3	2	4	2	3	14	2,80
12	4	3	2	2	3	3	3	20	2,86	2	2	3	2	3	12	2,40
13	3	4	4	3	4	4	3	25	3,57	4	3	4	3	4	18	3,60
14	3	4	4	4	4	3	4	26	3,71	3	4	3	3	4	17	3,40
15	4	4	4	4	5	3	4	28	4,00	4	4	4	3	4	19	3,80
16	4	4	3	4	4	2	4	25	3,57	2	4	3	3	3	15	3,00
17	4	4	4	3	2	2	4	23	3,29	2	2	2	2	3	11	2,20
18	3	3	3	3	3	2	2	19	2,71	4	3	4	4	3	18	3,60
19	4	4	4	3	4	4	4	27	3,86	4	3	4	4	4	19	3,80
20	4	4	4	3	4	4	4	27	3,86	3	3	3	4	4	17	3,40
21	4	4	4	3	3	3	3	24	3,43	4	3	3	3	3	16	3,20
22	3	3	4	4	3	4	4	25	3,57	4	4	3	4	3	18	3,60
23	4	3	4	4	2	2	2	21	3,00	4	4	4	4	4	20	4,00
24	4	3	3	3	3	4	4	24	3,43	4	4	4	3	4	19	3,80
25	4	3	4	3	4	4	4	26	3,71	3	4	4	3	4	18	3,60
26	4	4	3	4	3	4	4	26	3,71	4	4	3	4	3	18	3,60
27	4	3	3	3	4	2	3	22	3,14	3	3	3	3	4	16	3,20
28	3	3	4	4	3	4	4	25	3,57	3	4	3	3	4	17	3,40
29	4	4	4	4	4	4	4	28	4,00	4	3	4	4	3	18	3,60
30	3	4	3	4	3	3	3	23	3,29	4	3	3	4	3	17	3,40
31	2	4	4	2	3	2	4	21	3,00	2	3	4	3	3	15	3,00
32	4	4	3	4	4	4	3	26	3,71	3	4	4	3	3	17	3,40
33	3	2	3	2	1	3	3	17	2,43	4	2	2	3	4	15	3,00
34	3	3	4	3	3	3	4	23	3,29	4	3	3	4	3	17	3,40
35	3	4	4	3	4	4	4	26	3,71	4	3	4	3	3	17	3,40
36	4	3	3	4	4	4	3	25	3,57	4	4	3	4	3	18	3,60
37	4	4	4	3	3	1	2	21	3,00	3	2	4	4	2	15	3,00
38	4	4	3	3	3	3	4	24	3,43	4	3	3	4	4	18	3,60
39	4	3	4	3	4	3	3	24	3,43	3	4	4	3	4	18	3,60
40	3	3	2	3	2	3	2	18	2,57	3	3	3	3	4	16	3,20
41	3	3	3	4	3	4	2	22	3,14	4	3	4	3	4	18	3,60
42	2	4	4	2	4	3	2	21	3,00	4	3	3	3	3	16	3,20
43	4	4	3	2	2	2	3	20	2,86	2	3	2	3	2	12	2,40
44	2	3	3	4	3	4	3	22	3,14	4	3	3	3	2	15	3,00
45	1	3	4	2	2	4	3	19	2,71	3	3	3	3	4	16	3,20
46	4	3	3	4	3	4	3	24	3,43	3	3	3	3	3	15	3,00
47	2	4	2	4	2	4	3	21	3,00	2	3	4	2	2	13	2,60
48	4	3	4	4	3	2	2	22	3,14	2	2	4	2	2	12	2,40
49	4	4	4	3	3	2	2	22	3,14	3	4	4	4	4	19	3,80
50	4	4	4	4	3	2	2	23	3,29	2	3	4	2	3	14	2,80
51	4	4	3	3	4	2	3	23	3,29	3	3	2	2	2	12	2,40
52	4	4	4	4	2	3	3	24	3,43	3	4	4	3	4	18	3,60
53	4	4	4	4	4	3	3	26	3,71	3	4	3	4	3	17	3,40
54	4	2	2	3	2	3	3	19	2,71	3	3	3	3	2	14	2,80
55	4	3	4	4	3	4	3	25	3,57	4	3	3	4	4	18	3,60
56	2	2	4	2	3	4	4	21	3,00	2	2	3	4	3	14	2,80
57	4	3	3	4	4	3	4	25	3,57	4	3	3	3	4	17	3,40
58	2	4	2	2	4	2	2	18	2,57	3	3	3	4	3	16	3,20
59	4	3	4	4	4	3	4	26	3,71	3	3	4	4	3	17	3,40
60	4	3	3	4	3	3	3	23	3,29	4	4	3	3	3	17	3,40
61	3	3	3	4	4	3	3	23	3,29	3	2	3	2	3	13	2,60
62	4	4	4	3	3	3	4	25	3,57	4	4	3	4	5	20	4,00
63	4	4	3	4	3	3	4	25	3,57	2	3	3	4	3	15	3,00
64	3	4	3	4	4	4	2	24	3,43	3	4	3	3	3	16	3,20
65	4	2	4	4	2	4	2	22	3,14	2	4	2	2	2	12	2,40
66	4	4	3	3	3	3	3	23	3,29	3	3	3	2	2	13	2,60
67	4	2	2	3	3	3	3	20	2,86	4	3	4	4	4	19	3,80
68	4	3	3	3	3	4	4	24	3,43	4	4	3	3	4	18	3,60

Resp	TEKNIK								PERILAKU											
	a	b	c	d	e	f	Juml	Rt2	a	b	c	d	e	f	g	h	i	j	Juml	Rt2
1	3	4	4	4	3	3	21	3,50	4	4	3	4	4	4	4	4	4	4	39	3,90
2	3	3	2	3	2	3	16	2,67	2	2	3	3	3	2	2	2	3	3	25	2,50
3	4	3	4	3	4	4	22	3,67	3	4	4	4	4	4	4	4	4	3	38	3,80
4	2	3	3	3	3	3	17	2,83	3	3	2	2	3	2	3	3	2	3	26	2,60
5	3	4	2	2	2	4	17	2,83	2	2	2	2	3	3	3	4	3	3	27	2,70
6	3	4	4	4	4	3	22	3,67	3	4	3	4	3	4	4	4	4	4	37	3,70
7	4	2	2	2	4	4	18	3,00	2	2	4	2	2	3	4	3	4	3	29	2,90
8	3	3	3	2	2	2	15	2,50	3	3	3	2	4	4	4	3	3	2	31	3,10
9	3	2	2	4	4	4	19	3,17	4	4	4	4	4	3	3	3	3	4	36	3,60
10	2	3	2	3	4	4	18	3,00	3	4	4	3	3	3	4	4	3	3	34	3,40
11	3	2	3	1	3	3	15	2,50	4	3	3	4	3	3	4	4	4	3	35	3,50
12	2	3	2	2	3	3	15	2,50	3	2	3	2	3	4	4	4	3	4	32	3,20
13	4	4	4	4	4	4	24	4,00	4	3	4	4	3	4	4	3	3	3	35	3,50
14	3	4	3	4	4	4	22	3,67	3	4	3	4	3	4	4	4	4	3	36	3,60
15	3	2	2	4	2	4	17	2,83	2	2	4	2	4	3	4	3	3	3	30	3,00
16	4	3	2	3	3	3	18	3,00	3	2	3	3	3	2	3	4	4	3	30	3,00
17	2	2	3	3	3	3	16	2,67	3	3	3	3	3	3	4	3	4	4	33	3,30
18	3	4	4	4	3	4	22	3,67	4	3	4	4	3	4	4	4	4	3	37	3,70
19	4	3	4	3	4	3	21	3,50	4	4	3	3	2	3	3	3	3	4	32	3,20
20	4	3	3	3	3	4	20	3,33	3	4	4	2	4	4	4	3	3	3	34	3,40
21	3	3	3	3	4	3	19	3,17	2	3	3	2	3	3	2	3	2	2	25	2,50
22	3	4	4	4	3	4	22	3,67	4	4	3	4	4	3	4	4	3	3	36	3,60
23	4	4	4	4	4	4	24	4,00	3	4	4	3	4	3	4	4	3	3	35	3,50
24	4	4	4	3	3	2	20	3,33	2	4	2	4	4	3	3	3	3	2	30	3,00
25	3	4	3	4	3	3	20	3,33	3	3	4	3	4	3	4	3	3	3	33	3,30
26	4	2	4	3	3	3	19	3,17	4	4	4	4	4	4	3	4	4	4	39	3,90
27	3	3	3	2	3	2	16	2,67	3	2	3	3	3	3	2	3	3	3	28	2,80
28	3	4	2	4	2	3	18	3,00	2	4	4	4	3	3	4	4	3	3	34	3,40
29	4	4	3	4	4	4	23	3,83	3	2	4	4	4	3	4	4	4	4	36	3,60
30	4	3	4	3	3	4	21	3,50	3	3	3	3	3	3	4	3	3	3	31	3,10
31	3	3	3	3	3	4	19	3,17	2	4	3	4	3	4	4	4	3	4	35	3,50
32	3	4	3	4	3	3	20	3,33	3	3	4	3	3	4	3	3	4	3	33	3,30
33	4	3	4	3	4	4	22	3,67	4	3	4	4	3	4	3	3	3	3	34	3,40
34	3	3	4	3	3	3	19	3,17	3	3	3	3	3	3	4	3	4	3	32	3,20
35	4	4	2	2	2	2	16	2,67	2	2	2	3	2	3	3	3	2	3	25	2,50
36	3	4	3	2	2	4	18	3,00	3	3	3	2	2	3	3	2	3	2	26	2,60
37	3	3	3	1	2	2	14	2,33	2	2	3	4	2	2	2	2	3	2	24	2,40
38	3	3	4	3	4	3	20	3,33	3	3	3	3	3	3	3	2	2	3	28	2,80
39	4	4	3	4	4	3	22	3,67	3	4	3	4	3	3	3	3	3	3	32	3,20
40	2	3	3	2	3	3	16	2,67	3	3	2	2	2	2	2	2	2	2	22	2,20
41	4	3	4	4	4	3	22	3,67	4	4	4	2	3	4	4	4	4	4	37	3,70
42	3	4	3	4	3	3	20	3,33	3	3	3	4	3	3	4	2	4	2	31	3,10
43	2	3	2	2	3	2	14	2,33	2	3	3	2	3	2	3	4	4	4	30	3,00
44	3	3	2	2	4	4	18	3,00	4	3	4	3	3	3	3	4	4	4	35	3,50
45	2	2	3	4	2	4	17	2,83	3	4	3	3	4	3	4	4	3	4	35	3,50
46	2	3	2	3	3	4	17	2,83	3	4	3	4	4	3	3	4	3	4	35	3,50
47	4	4	3	3	3	4	21	3,50	2	4	2	4	2	4	4	2	4	2	30	3,00
48	3	3	3	3	2	4	18	3,00	3	3	3	3	4	3	3	2	3	2	29	2,90
49	4	3	4	4	4	4	23	3,83	4	3	4	4	4	3	4	3	4	3	36	3,60
50	2	3	4	2	3	2	16	2,67	2	3	3	3	3	3	3	4	2	3	29	2,90
51	2	2	3	2	2	2	13	2,17	3	3	3	3	2	3	3	3	4	4	31	3,10
52	3	3	4	3	3	4	20	3,33	3	3	3	3	3	3	3	4	4	4	33	3,30
53	4	4	3	4	4	4	23	3,83	3	3	3	3	4	3	3	3	4	2	31	3,10
54	3	4	3	2	3	3	18	3,00	2	3	4	3	3	3	2	3	3	3	29	2,90
55	3	3	4	3	3	3	19	3,17	3	3	4	4	4	3	4	4	4	4	37	3,70
56	3	3	3	3	3	3	18	3,00	3	3	4	4	4	4	4	3	3	4	36	3,60
57	3	4	3	3	4	3	20	3,33	3	3	3	3	3	3	3	4	4	3	32	3,20
58	3	4	2	3	2	3	17	2,83	2	3	3	3	2	3	4	3	3	3	29	2,90
59	3	4	3	3	3	3	19	3,17	3	2	2	3	2	2	3	4	4	3	28	2,80
60	4	3	4	3	3	2	19	3,17	2	4	3	3	3	2	3	4	4	3	31	3,10
61	2	3	3	2	3	4	17	2,83	3	3	3	3	3	3	3	3	4	3	31	3,10
62	3	4	4	3	3	4	21	3,50	5	4	4	4	5	4	4	5	4	4	43	4,30
63	3	4	4	3	3	3	20	3,33	4	3	4	3	3	4	3	4	3	3	34	3,40
64	4	3	4	3	3	4	21	3,50	3	3	3	3	2	2	2	4	4	4	30	3,00
65	2	4	2	3	3	3	17	2,83	3	3	3	2	3	3	4	3	4	3	31	3,10
66	3	2	2	3	3	3	16	2,67	3	3	3	3	4	2	3	2	2	3	28	2,80
67	3	4	3	3	3	4	20	3,33	4	4	4	3	4	4	5	5	5	5	43	4,30
68	3	3	3	4	3	3	19	3,17	4	4	4	4	4	3	4	4	3	4	38	3,80

Lampiran 6

HASIL UJI VALIDITAS

Correlations

		X1.1	X1.2	X1.3	X1.4	X1.5	X1.6	X1.7	X1
X1.1	Pearson Correlation	1	,541**	,650**	,641**	,573**	,615**	,639**	,798**
	Sig. (2-tailed)		,000	,000	,000	,000	,000	,000	,000
	N	68	68	68	68	68	68	68	68
X1.2	Pearson Correlation	,541**	1	,588**	,531**	,546**	,534**	,497**	,721**
	Sig. (2-tailed)	,000		,000	,000	,000	,000	,000	,000
	N	68	68	68	68	68	68	68	68
X1.3	Pearson Correlation	,650**	,588**	1	,653**	,647**	,736**	,478**	,823**
	Sig. (2-tailed)	,000	,000		,000	,000	,000	,000	,000
	N	68	68	68	68	68	68	68	68
X1.4	Pearson Correlation	,641**	,531**	,653**	1	,642**	,768**	,755**	,883**
	Sig. (2-tailed)	,000	,000	,000		,000	,000	,000	,000
	N	68	68	68	68	68	68	68	68
X1.5	Pearson Correlation	,573**	,546**	,647**	,642**	1	,670**	,635**	,827**
	Sig. (2-tailed)	,000	,000	,000	,000		,000	,000	,000
	N	68	68	68	68	68	68	68	68
X1.6	Pearson Correlation	,615**	,534**	,736**	,768**	,670**	1	,601**	,868**
	Sig. (2-tailed)	,000	,000	,000	,000	,000		,000	,000
	N	68	68	68	68	68	68	68	68
X1.7	Pearson Correlation	,639**	,497**	,478**	,755**	,635**	,601**	1	,809**
	Sig. (2-tailed)	,000	,000	,000	,000	,000	,000		,000
	N	68	68	68	68	68	68	68	68
X1	Pearson Correlation	,798**	,721**	,823**	,883**	,827**	,868**	,809**	1
	Sig. (2-tailed)	,000	,000	,000	,000	,000	,000	,000	
	N	68	68	68	68	68	68	68	68

**. Correlation is significant at the 0.01 level (2-tailed).

Correlations

		X2.1	X2.2	X2.3	X2.4	X2.5	X2
X2.1	Pearson Correlation	1	,614**	,553**	,444**	,469**	,760**
	Sig. (2-tailed)		,000	,000	,000	,000	,000
	N	68	68	68	68	68	68
X2.2	Pearson Correlation	,614**	1	,669**	,529**	,631**	,853**
	Sig. (2-tailed)	,000		,000	,000	,000	,000
	N	68	68	68	68	68	68
X2.3	Pearson Correlation	,553**	,669**	1	,581**	,583**	,832**
	Sig. (2-tailed)	,000	,000		,000	,000	,000
	N	68	68	68	68	68	68
X2.4	Pearson Correlation	,444**	,529**	,581**	1	,551**	,763**
	Sig. (2-tailed)	,000	,000	,000		,000	,000
	N	68	68	68	68	68	68
X2.5	Pearson Correlation	,469**	,631**	,583**	,551**	1	,821**
	Sig. (2-tailed)	,000	,000	,000	,000		,000
	N	68	68	68	68	68	68
X2	Pearson Correlation	,760**	,853**	,832**	,763**	,821**	1
	Sig. (2-tailed)	,000	,000	,000	,000	,000	
	N	68	68	68	68	68	68

**. Correlation is significant at the 0.01 level (2-tailed).

Correlations

		X3.1	X3.2	X3.3	X3.4	X3.5	X3.6	X3
X3.1	Pearson Correlation	1	,614**	,396**	,541**	,421**	,302*	,735**
	Sig. (2-tailed)		,000	,001	,000	,000	,012	,000
	N	68	68	68	68	68	68	68
X3.2	Pearson Correlation	,614**	1	,428**	,400**	,605**	,539**	,775**
	Sig. (2-tailed)	,000		,000	,001	,000	,000	,000
	N	68	68	68	68	68	68	68
X3.3	Pearson Correlation	,396**	,428**	1	,449**	,482**	,497**	,691**
	Sig. (2-tailed)	,001	,000		,000	,000	,000	,000
	N	68	68	68	68	68	68	68
X3.4	Pearson Correlation	,541**	,400**	,449**	1	,559**	,455**	,748**
	Sig. (2-tailed)	,000	,001	,000		,000	,000	,000
	N	68	68	68	68	68	68	68
X3.5	Pearson Correlation	,421**	,605**	,482**	,559**	1	,804**	,845**
	Sig. (2-tailed)	,000	,000	,000	,000		,000	,000
	N	68	68	68	68	68	68	68
X3.6	Pearson Correlation	,302*	,539**	,497**	,455**	,804**	1	,782**
	Sig. (2-tailed)	,012	,000	,000	,000	,000		,000
	N	68	68	68	68	68	68	68
X3	Pearson Correlation	,735**	,775**	,691**	,748**	,845**	,782**	1
	Sig. (2-tailed)	,000	,000	,000	,000	,000	,000	
	N	68	68	68	68	68	68	68

**. Correlation is significant at the 0.01 level (2-tailed).

*. Correlation is significant at the 0.05 level (2-tailed).

Correlations

		X4.1	X4.2	X4.3	X4.4	X4.5	X4.6	X4.7	X4.8	X4.9	X4.10	X4
X4.1	Pearson Correlation	1	,444**	,768**	,371**	,408**	,449**	,351**	,337**	,461**	,410**	,694**
	Sig. (2-tailed)		,000	,000	,002	,001	,000	,003	,005	,000	,001	,000
	N	68	68	68	68	68	68	68	68	68	68	68
X4.2	Pearson Correlation	,444**	1	,450**	,624**	,562**	,607**	,430**	,538**	,522**	,554**	,742**
	Sig. (2-tailed)	,000		,000	,000	,000	,000	,000	,000	,000	,000	,000
	N	68	68	68	68	68	68	68	68	68	68	68
X4.3	Pearson Correlation	,768**	,450**	1	,425**	,451**	,522**	,406**	,432**	,529**	,516**	,751**
	Sig. (2-tailed)	,000	,000		,000	,000	,000	,001	,000	,000	,000	,000
	N	68	68	68	68	68	68	68	68	68	68	68
X4.4	Pearson Correlation	,371**	,624**	,425**	1	,647**	,690**	,521**	,596**	,574**	,659**	,779**
	Sig. (2-tailed)	,002	,000	,000		,000	,000	,000	,000	,000	,000	,000
	N	68	68	68	68	68	68	68	68	68	68	68
X4.5	Pearson Correlation	,408**	,562**	,451**	,647**	1	,582**	,540**	,509**	,763**	,800**	,796**
	Sig. (2-tailed)	,001	,000	,000	,000		,000	,000	,000	,000	,000	,000
	N	68	68	68	68	68	68	68	68	68	68	68
X4.6	Pearson Correlation	,449**	,607**	,522**	,690**	,582**	1	,581**	,657**	,527**	,626**	,806**
	Sig. (2-tailed)	,000	,000	,000	,000	,000		,000	,000	,000	,000	,000
	N	68	68	68	68	68	68	68	68	68	68	68
X4.7	Pearson Correlation	,351**	,430**	,406**	,521**	,540**	,581**	1	,640**	,575**	,642**	,726**
	Sig. (2-tailed)	,003	,000	,001	,000	,000	,000		,000	,000	,000	,000
	N	68	68	68	68	68	68	68	68	68	68	68
X4.8	Pearson Correlation	,337**	,538**	,432**	,596**	,509**	,657**	,640**	1	,564**	,621**	,749**
	Sig. (2-tailed)	,005	,000	,000	,000	,000	,000	,000		,000	,000	,000
	N	68	68	68	68	68	68	68	68	68	68	68
X4.9	Pearson Correlation	,461**	,522**	,529**	,574**	,763**	,527**	,575**	,564**	1	,726**	,798**
	Sig. (2-tailed)	,000	,000	,000	,000	,000	,000	,000	,000		,000	,000
	N	68	68	68	68	68	68	68	68	68	68	68
X4.10	Pearson Correlation	,410**	,554**	,516**	,659**	,800**	,626**	,642**	,621**	,726**	1	,836**
	Sig. (2-tailed)	,001	,000	,000	,000	,000	,000	,000	,000	,000		,000
	N	68	68	68	68	68	68	68	68	68	68	68
X4	Pearson Correlation	,694**	,742**	,751**	,779**	,796**	,806**	,726**	,749**	,798**	,836**	1
	Sig. (2-tailed)	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	
	N	68	68	68	68	68	68	68	68	68	68	68

**. Correlation is significant at the 0.01 level (2-tailed).

Correlations

		Y.1	Y.2	Y.3	Y.4	Y
Y.1	Pearson Correlation	1	,534**	,667**	,621**	,841**
	Sig. (2-tailed)		,000	,000	,000	,000
	N	68	68	68	68	68
Y.2	Pearson Correlation	,534**	1	,664**	,578**	,825**
	Sig. (2-tailed)	,000		,000	,000	,000
	N	68	68	68	68	68
Y.3	Pearson Correlation	,667**	,664**	1	,634**	,886**
	Sig. (2-tailed)	,000	,000		,000	,000
	N	68	68	68	68	68
Y.4	Pearson Correlation	,621**	,578**	,634**	1	,823**
	Sig. (2-tailed)	,000	,000	,000		,000
	N	68	68	68	68	68
Y	Pearson Correlation	,841**	,825**	,886**	,823**	1
	Sig. (2-tailed)	,000	,000	,000	,000	
	N	68	68	68	68	68

**. Correlation is significant at the 0.01 level (2-tailed).

Lampiran 7

HASIL UJI RELIABILITAS

Reliability
Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	68	100,0
	Excluded[a]	0	,0
	Total	68	100,0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
,917	7

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
X1.1	16,90	22,870	,736	,907
X1.2	16,94	23,370	,639	,915
X1.3	17,13	21,848	,758	,903
X1.4	16,90	19,616	,822	,897
X1.5	16,99	20,940	,752	,904
X1.6	16,96	20,252	,805	,898
X1.7	16,87	21,430	,731	,906

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
19,78	28,831	5,369	7

Reliability

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	68	100,0
	Excluded[a]	0	,0
	Total	68	100,0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
,862	5

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
X2.1	11,81	7,500	,621	,848
X2.2	11,65	7,038	,760	,814
X2.3	11,76	7,287	,735	,821
X2.4	11,84	7,630	,635	,845
X2.5	11,82	6,595	,680	,838

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
14,72	10,891	3,300	5

Reliability
Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	68	100,0
	Excluded[a]	0	,0
	Total	68	100,0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
,852	6

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
X3.1	15,01	8,970	,568	,847
X3.2	14,66	9,869	,683	,822
X3.3	14,54	10,252	,572	,839
X3.4	14,54	9,565	,626	,829
X3.5	14,51	8,851	,757	,803
X3.6	14,51	9,149	,663	,822

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
17,56	13,205	3,634	6

Reliability
Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	68	100,0
	Excluded[a]	0	,0
	Total	68	100,0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
,916	10

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
X4.1	26,46	32,491	,584	,918
X4.2	25,96	34,013	,674	,908
X4.3	26,40	32,243	,664	,910
X4.4	25,74	34,048	,723	,906
X4.5	25,79	34,315	,748	,905
X4.6	25,93	33,621	,754	,904
X4.7	25,78	34,473	,657	,909
X4.8	25,79	34,763	,692	,908
X4.9	26,04	34,550	,752	,905
X4.10	25,93	33,472	,793	,902

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
28,87	41,340	6,430	10

Reliability
Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	68	100,0
	Excluded[a]	0	,0
	Total	68	100,0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
,863	4

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
Y.1	9,06	3,668	,700	,831
Y.2	8,94	3,788	,680	,839
Y.3	9,03	3,432	,775	,799
Y.4	9,01	4,104	,707	,832

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
12,01	6,373	2,524	4

Lampiran 8

ANALISIS DESKRIPTIF

Analisis faktor

Descriptives

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
X11	68	1	5	2,88	,76
X12	68	1	4	2,84	,78
X13	68	1	4	2,65	,88
X14	68	1	5	2,88	1,10
X15	68	1	5	2,79	1,00
X16	68	1	5	2,82	1,04
X17	68	1	5	2,91	,96
Material	68	1,43	4,43	2,83	,77
Valid N (listwise)	68				

Descriptives

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
X21	68	1	5	2,91	,81
X22	68	1	5	3,07	,80
X23	68	1	4	2,96	,76
X24	68	1	5	2,88	,76
X25	68	1	5	2,90	,96
Peralatan	68	1,60	4,40	2,94	,66
Valid N (listwise)	68				

Descriptives

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
X31	68	1	4	2,54	,97
X32	68	1	4	2,90	,67
X33	68	1	4	3,01	,68
X34	68	1	5	3,01	,78
X35	68	1	4	3,04	,82
X36	68	1	5	3,04	,84
Teknik	68	1,33	4,00	2,93	,61
Valid N (listwise)	68				

Descriptives

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
X41	68	1	5	2,41	1,14
X42	68	1	4	2,91	,84
X43	68	1	5	2,47	1,06
X44	68	1	5	3,13	,79
X45	68	1	5	3,07	,74
X46	68	1	5	2,94	,81
X47	68	1	5	3,09	,81
X48	68	1	5	3,07	,74
X49	68	1	4	2,82	,71
X410	68	1	5	2,94	,79
Perilaku	68	1,40	4,40	2,89	,64
Valid N (listwise)	68				

Lampiran 9

Analisis dampak

Descriptives

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
X11	68	1	4	3,47	,74
X12	68	2	4	3,37	,64
X13	68	2	4	3,37	,67
X14	68	2	4	3,32	,70
X15	68	1	5	3,22	,75
X16	68	1	4	3,09	,81
X17	68	2	4	3,21	,74
Material	68	2,43	4,00	3,29	,38
Valid N (listwise)	68				

Descriptives

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
X21	68	2	4	3,28	,75
X22	68	2	4	3,24	,69
X23	68	2	4	3,24	,65
X24	68	2	4	3,13	,73
X25	68	2	5	3,24	,76
Peralatan	68	2,20	4,00	3,22	,46
Valid N (listwise)	68				

Descriptives

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
X31	68	2	4	3,12	,68
X32	68	2	4	3,26	,68
X33	68	2	4	3,10	,76
X34	68	1	4	3,03	,79
X35	68	2	4	3,10	,67
X36	68	2	4	3,29	,69
Teknik	68	2,17	4,00	3,15	,43
Valid N (listwise)	68				

Descriptives

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
X41	68	2	5	3,01	,72
X42	68	2	4	3,18	,69
X43	68	2	4	3,26	,64
X44	68	2	4	3,18	,73
X45	68	2	5	3,19	,72
X46	68	2	4	3,13	,64
X47	68	2	5	3,41	,70
X48	68	2	5	3,37	,75
X49	68	2	5	3,37	,69
X410	68	2	5	3,19	,70
Perilaku	68	2,20	4,30	3,23	,43
Valid N (listwise)	68				

Lampiran 10

HASIL ANALISIS REGRESI

Regression

Variables Entered/Removed[b]

Model	Variables Entered	Variables Removed	Method
1	Perilaku, Peralatan, Material, Teknis[a]	.	Enter

a. All requested variables entered.

b. Dependent Variable: Biaya konstruksi

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,688[a]	,473	,440	1,890

a. Predictors: (Constant), Perilaku, Peralatan, Material, Teknis

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	201,958	4	50,489	14,135	,000[a]
	Residual	225,027	63	3,572		
	Total	426,985	67			

a. Predictors: (Constant), Perilaku, Peralatan, Material, Teknis

b. Dependent Variable: Biaya konstruksi

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	,146	1,610		,091	,928
	Material	,113	,045	,240	2,521	,014
	Peralatan	,204	,073	,266	2,806	,007
	Teknis	,175	,069	,253	2,561	,013
	Perilaku	,123	,039	,314	3,123	,003

a. Dependent Variable: Biaya konstruksi