

KUESIONER PENELITIAN

I. DATA RESPONDEN

Mohon untuk melengkapi data-data yang ada dibawah ini sesuai dengan petunjuk

- Berilah tanda centang (√) pada kotak pilihan sesuai dengan jawaban yang dikehendaki

1) Jabatan Bapak/Ibu/Saudara dalam proyek

- Manajer Proyek (Kontraktor)
- Site Manajer (Kontraktor)
- Project Engineer (Kontraktor)
- Ketua Tim (*Team Leader*) / Supervision Manager (Konsultan)
- Site Engineer (Konsultan)
- Inspector / Pengawas lapangan (Konsultan)

2) Pengalaman kerja

- 1 s/d 3 tahun 5 s/d 7 tahun > 10 tahun
- 3 s/d 5 tahun 7 s/d 10 tahun

II. DATA PROYEK

1) Apakah proyek tersebut dilaksanakan antara tahun 2014 – 2016

- Ya
- Tidak, dilaksanakan pada tahun

2) Menurut bapak / ibu / saudara, apakah dalam pelaksanaan proyek konstruksi gedung di Universitas Airlangga Surabaya yang anda laksanakan mengalami keterlambatan?

- Ya
- Tidak

3) Dibawah ini ada beberapa pernyataan yang diduga merupakan faktor – faktor yang mempengaruhi keterlambatan penyelesaian pekerjaan konstruksi gedung.

Berikan tanda centang (√) di bawah kolom 1, 2, 3, 4 dan 5 berdasarkan pengetahuan anda mengenai tingkat pengaruh pernyataan / variabel tersebut.

Keterangan :

- 1 = Sangat Tidak Berpengaruh 3 = Agak berpengaruh 5 = Sangat berpengaruh
- 2 = Tidak berpengaruh 4 = Berpengaruh

Contoh pengisian :

Jika menurut anda “**keterlambatan pembayaran oleh pemberi tugas (owner)**” merupakan penyebab yang memiliki pengaruh yang “**sangat berpengaruh**” terhadap **keterlambatan penyelesaian pekerjaan**, maka diberi tanda centang (√) pada kolom tingkat keberpengaruhan variabel di sub no. “**5**”. Apabila menurut anda “**sangat tidak berpengaruh**”, maka diberi tanda centang (√) pada kolom tingkat keberpengaruhan variabel di sub no. “**1**”.

No	Faktor – faktor penyebab keterlambatan	Tingkat keberpengaruhan variabel terhadap keterlambatan penyelesaian pekerjaan				
		1	2	3	4	5
1	Karakteristik fisik bangunan sekitar proyek					
2	Lokasi / area kerja yang buruk / kurang representatif					
3	Keadaan tanah eksisting					
4	Cuaca buruk					
5	Perubahan pekerjaan (struktur, arsitek, M/E, plumbing)					
6	Keterlambatan pembayaran oleh pemberi tugas (<i>owner</i>)					
7	Keterlambatan dalam memberikan keputusan (<i>owner</i>)					
8	Perubahan dalam perencanaan dan spesifikasi (<i>owner</i>)					
9	Pekerjaan tambahan					
10	Ketidakjelasan dalam perencanaan dan spesifikasi					
11	Dokumen perencanaan yang tidak lengkap					
12	Kurangnya tenaga ahli profesional yang sesuai bidang (<i>konsultan</i>)					
13	Keterlambatan proses perubahan dari perencanaan (<i>konsultan</i>) pada saat pelaksanaan					
14	Lambat dalam pengawasan dan pengambilan keputusan (<i>konsultan</i>)					
15	Terlambat persetujuan shop drawing					

No	Faktor – faktor penyebab keterlambatan	Tingkat keberpengaruhan variabel terhadap keterlambatan penyelesaian pekerjaan				
		1	2	3	4	5
16	Keterlambatan pengajuan material di lapangan (kontraktor)					
17	Pelaksanaan pentahapan pekerjaan (<i>Schedulling</i>) yang kurang baik					
18	Keterlambatan pengiriman material ke lokasi proyek					
19	Kekurangan material di lapangan					
20	Produktivitas rendah					
21	Tenaga kerja kurang					
22	Pemogokan tenaga kerja					
23	Kesalahan menginterpretasikan gambar atau spesifikasi					
24	Keterlambatan pembayaran oleh penyedia jasa (kontraktor) kepada supplier (sub-kontraktor)					
25	Keterlambatan pengiriman peralatan ke lokasi proyek					
26	Peralatan yang ada sering mengalami kerusakan saat pelaksanaan proyek					
	Aspek Waktu					
1	Pelaksanaan pekerjaan bertepatan pada bulan puasa dan lebaran					
2	Pelaksanaan pekerjaan mendekati akhir tahun tutup buku anggaran keuangan					
3	Gedung yang dilaksanakan tidak dapat dimanfaatkan secara optimal					

**REKAP DATA SKORING FAKTOR KETERLAMBATAN WAKTU PELAKSANAAN
VARIABEL TENAGA KERJA (X1)**

RESPONDEN	Kode	X1			Jumlah	Nilai Skor Rata2 X1
		Tenaga Kerja				
		X1.1 12	X1.2 21	X1.3 22		
1		3	3	2	8	2,67
2		3	3	4	10	3,33
3		4	4	4	12	4,00
4		3	4	4	11	3,67
5		3	3	3	9	3,00
6		3	3	4	10	3,33
7		3	3	3	9	3,00
8		4	4	4	12	4,00
9		5	5	5	15	5,00
10		4	4	4	12	4,00
11		4	3	3	10	3,33
12		3	3	3	9	3,00
13		3	4	3	10	3,33
14		3	3	3	9	3,00
15		3	3	3	9	3,00
16		2	2	2	6	2,00
17		3	3	3	9	3,00
18		3	3	3	9	3,00
19		4	4	4	12	4,00
20		4	3	4	11	3,67
21		2	2	3	7	2,33
22		3	3	3	9	3,00
23		3	4	4	11	3,67
24		4	4	3	11	3,67
25		2	2	2	6	2,00
26		4	5	3	12	4,00
27		3	3	3	9	3,00
28		4	3	4	11	3,67
29		3	3	3	9	3,00
30		2	1	2	5	1,67
31		2	3	2	7	2,33
32		3	3	3	9	3,00
33		1	2	2	5	1,67
34		2	2	2	6	2,00
35		2	3	3	8	2,67
36		3	3	3	9	3,00
37		3	3	3	9	3,00
38		3	3	2	8	2,67
39		2	3	2	7	2,33
40		3	3	3	9	3,00
41		3	4	3	10	3,33
42		4	4	4	12	4,00
43		3	3	4	10	3,33
44		4	4	4	12	4,00
45		3	4	4	11	3,67
46		3	3	4	10	3,33
47		1	2	2	5	1,67
48		3	3	3	9	3,00
49		2	3	3	8	2,67
50		4	4	4	12	4,00
Rata-rata		3,02	3,18	3,16	9,36	
Varians		0,673	0,600	0,586	4,562	
Standar Dev (Sb)		0,820	0,774	0,766	2,136	
Korelasi dg total (r)		0,928	0,898	0,888	1,000	
Korelasi terkoreksi (rc)	SPSS	0,824	0,772	0,754		

**REKAP DATA SKORING FAKTOR KETERLAMBATAN WAKTU PELAKSANAAN
VARIABEL DESAIN (X2)**

RESPONDEN	Kode	X2				Jumlah	Nilai Skor Rata2 X2
		Desain					
		X2.1 10	X2.2 8	X2.3 11	X2.4 5		
1		4	3	4	3	14	3,50
2		4	3	4	3	14	3,50
3		3	3	4	3	13	3,25
4		4	4	3	4	15	3,75
5		5	5	5	4	19	4,75
6		3	4	3	3	13	3,25
7		5	4	5	4	18	4,50
8		4	4	3	4	15	3,75
9		4	4	4	4	16	4,00
10		4	5	4	4	17	4,25
11		3	3	4	3	13	3,25
12		2	3	2	2	9	2,25
13		3	3	4	4	14	3,50
14		4	4	3	3	14	3,50
15		3	3	3	4	13	3,25
16		2	2	2	1	7	1,75
17		3	3	2	2	10	2,50
18		2	2	3	2	9	2,25
19		3	3	3	2	11	2,75
20		3	2	3	2	10	2,50
21		4	4	3	4	15	3,75
22		3	3	2	3	11	2,75
23		2	2	3	3	10	2,50
24		3	2	1	1	7	1,75
25		2	2	2	2	8	2,00
26		2	3	3	2	10	2,50
27		3	3	4	4	14	3,50
28		3	2	2	3	10	2,50
29		3	3	2	2	10	2,50
30		3	2	3	2	10	2,50
31		2	3	3	2	10	2,50
32		3	2	2	3	10	2,50
33		2	3	3	2	10	2,50
34		3	4	4	3	14	3,50
35		4	3	3	4	14	3,50
36		2	3	3	2	10	2,50
37		2	1	2	1	6	1,50
38		2	2	3	2	9	2,25
39		2	2	3	3	10	2,50
40		4	4	4	3	15	3,75
41		2	3	2	2	9	2,25
42		2	2	3	2	9	2,25
43		2	3	2	3	10	2,50
44		3	4	3	4	14	3,50
45		3	4	3	3	13	3,25
46		4	3	4	3	14	3,50
47		4	3	3	3	13	3,25
48		3	4	3	3	13	3,25
49		4	4	4	4	16	4,00
50		2	3	3	2	10	2,50
Rata-rata		3,02	3,06	3,06	2,82	11,96	
Varians		0,755	0,751	0,711	0,804	8,692	
Standar Dev (Sb)		0,869	0,867	0,843	0,896	2,948	
Korelasi dg total (r)		0,861	0,847	0,806	0,877	1,000	
Korelasi terkoreksi (rc)	SPSS	0,744	0,722	0,660	0,767		

**REKAP DATA SKORING FAKTOR KETERLAMBATAN WAKTU PELAKSANAAN
VARIABEL METODE PELAKSANAAN (X3)**

RESPONDEN	Kode	X3		Jumlah	Nilai Skor Rata2 X3
		Metode Pelaksanaan			
		X3.1 17	X3.2 20		
1		3	3	6	3,00
2		4	5	9	4,50
3		4	5	9	4,50
4		4	5	9	4,50
5		5	4	9	4,50
6		3	4	7	3,50
7		4	5	9	4,50
8		5	5	10	5,00
9		5	5	10	5,00
10		4	3	7	3,50
11		4	4	8	4,00
12		2	2	4	2,00
13		2	2	4	2,00
14		3	4	7	3,50
15		4	3	7	3,50
16		4	5	9	4,50
17		3	2	5	2,50
18		4	4	8	4,00
19		4	4	8	4,00
20		3	3	6	3,00
21		4	4	8	4,00
22		3	3	6	3,00
23		2	2	4	2,00
24		3	3	6	3,00
25		4	3	7	3,50
26		3	2	5	2,50
27		3	3	6	3,00
28		3	4	7	3,50
29		2	2	4	2,00
30		3	3	6	3,00
31		3	3	6	3,00
32		2	2	4	2,00
33		4	3	7	3,50
34		4	3	7	3,50
35		2	3	5	2,50
36		3	3	6	3,00
37		2	1	3	1,50
38		2	2	4	2,00
39		3	3	6	3,00
40		2	2	4	2,00
41		3	3	6	3,00
42		3	3	6	3,00
43		2	2	4	2,00
44		3	3	6	3,00
45		4	4	8	4,00
46		3	3	6	3,00
47		3	3	6	3,00
48		3	3	6	3,00
49		3	3	6	3,00
50		2	2	4	2,00
Rata-rata		3,20	3,20	6,40	
Varians		0,735	1,020	3,143	
Standar Dev (Sb)		0,857	1,010	1,773	
Korelasi dg total (r)		0,940	0,957	1,000	
Korelasi terkoreksi (rc)	SPSS	0,801	0,801		

**REKAP DATA SKORING FAKTOR KETERLAMBATAN WAKTU PELAKSANAAN
VARIABEL BAHAN MATERIAL (X4)**

RESPONDEN	Kode	X4			Jumlah	Nilai Skor Rata2 X4
		Bahan/material				
		X4.1 16	X4.2 18	X4.3 19		
1		5	4	4	13	4,33
2		4	4	4	12	4,00
3		3	4	4	11	3,67
4		3	3	3	9	3,00
5		3	4	3	10	3,33
6		4	3	4	11	3,67
7		4	4	3	11	3,67
8		3	3	3	9	3,00
9		4	5	4	13	4,33
10		4	4	4	12	4,00
11		5	4	4	13	4,33
12		4	4	5	13	4,33
13		4	3	4	11	3,67
14		2	3	2	7	2,33
15		3	4	3	10	3,33
16		3	4	4	11	3,67
17		4	3	4	11	3,67
18		4	4	4	12	4,00
19		4	4	4	12	4,00
20		3	3	3	9	3,00
21		3	2	2	7	2,33
22		2	2	3	7	2,33
23		3	2	3	8	2,67
24		5	4	4	13	4,33
25		2	2	3	7	2,33
26		3	4	4	11	3,67
27		4	4	4	12	4,00
28		5	4	4	13	4,33
29		2	3	3	8	2,67
30		3	4	4	11	3,67
31		4	3	4	11	3,67
32		4	3	4	11	3,67
33		3	3	3	9	3,00
34		2	3	3	8	2,67
35		3	2	3	8	2,67
36		2	3	3	8	2,67
37		4	4	4	12	4,00
38		4	4	5	13	4,33
39		3	3	3	9	3,00
40		3	4	3	10	3,33
41		2	1	1	4	1,33
42		3	2	3	8	2,67
43		2	2	1	5	1,67
44		3	3	4	10	3,33
45		3	4	3	10	3,33
46		1	2	2	5	1,67
47		2	2	2	6	2,00
48		4	3	3	10	3,33
49		2	3	3	8	2,67
50		2	2	3	7	2,33
Rata-rata		3,22	3,22	3,34	9,78	
Varians		0,910	0,747	0,719	5,604	
Standar Dev (Sb)		0,954	0,864	0,848	2,367	
Korelasi dg total (r)		0,890	0,872	0,902	1,000	
Korelasi terkoreksi (rc)	SPSS	0,729	0,720	0,784		

**REKAP DATA SKORING FAKTOR KETERLAMBATAN WAKTU PELAKSANAAN
VARIABEL KEUANGAN (X5)**

RESPONDEN	Kode	X5			Jumlah	Nilai Skor Rata2 X5
		Keuangan				
		X5.1 6	X5.2 9	X5.3 24		
1		4	3	3	10	3,33
2		3	3	3	9	3,00
3		3	4	3	10	3,33
4		4	4	5	13	4,33
5		3	3	4	10	3,33
6		5	4	4	13	4,33
7		4	4	3	11	3,67
8		4	5	4	13	4,33
9		3	4	4	11	3,67
10		4	5	4	13	4,33
11		5	5	5	15	5,00
12		5	4	4	13	4,33
13		4	4	4	12	4,00
14		4	4	5	13	4,33
15		3	4	4	11	3,67
16		2	3	3	8	2,67
17		5	5	4	14	4,67
18		3	3	3	9	3,00
19		4	4	3	11	3,67
20		3	3	3	9	3,00
21		4	4	3	11	3,67
22		3	4	3	10	3,33
23		4	4	4	12	4,00
24		3	4	4	11	3,67
25		4	3	4	11	3,67
26		4	4	4	12	4,00
27		4	3	4	11	3,67
28		3	3	3	9	3,00
29		4	3	3	10	3,33
30		3	4	3	10	3,33
31		3	3	3	9	3,00
32		3	4	4	11	3,67
33		3	3	3	9	3,00
34		3	4	3	10	3,33
35		3	3	4	10	3,33
36		4	3	3	10	3,33
37		3	4	4	11	3,67
38		3	4	4	11	3,67
39		4	3	4	11	3,67
40		2	2	3	7	2,33
41		2	3	2	7	2,33
42		3	4	3	10	3,33
43		3	2	2	7	2,33
44		3	3	3	9	3,00
45		4	3	4	11	3,67
46		5	5	4	14	4,67
47		4	4	4	12	4,00
48		4	3	4	11	3,67
49		4	4	3	11	3,67
50		3	4	4	11	3,67
Rata-rata		3,54	3,64	3,56	10,74	
Varians		0,580	0,521	0,456	3,135	
Standar Dev (Sb)		0,762	0,722	0,675	1,771	
Korelasi dg total (r)		0,833	0,820	0,807	1,000	
Korelasi terkoreksi (rc)	SPSS	0,588	0,584	0,586		

**REKAP DATA SKORING FAKTOR KETERLAMBATAN WAKTU PELAKSANAAN
VARIABEL PERALATAN (X6)**

RESPONDEN	Kode	X6		Jumlah	Nilai Skor Rata2 X6
		Peralatan			
		X6.1 25	X6.2 26		
1		4	5	9	4,50
2		4	4	8	4,00
3		4	5	9	4,50
4		5	5	10	5,00
5		3	3	6	3,00
6		5	4	9	4,50
7		5	5	10	5,00
8		5	4	9	4,50
9		5	5	10	5,00
10		3	2	5	2,50
11		4	4	8	4,00
12		2	2	4	2,00
13		4	4	8	4,00
14		5	3	8	4,00
15		2	3	5	2,50
16		4	2	6	3,00
17		4	4	8	4,00
18		4	2	6	3,00
19		5	2	7	3,50
20		3	3	6	3,00
21		3	3	6	3,00
22		5	4	9	4,50
23		4	2	6	3,00
24		4	5	9	4,50
25		4	5	9	4,50
26		5	2	7	3,50
27		4	4	8	4,00
28		4	3	7	3,50
29		4	5	9	4,50
30		3	4	7	3,50
31		4	1	5	2,50
32		4	2	6	3,00
33		2	2	4	2,00
34		2	1	3	1,50
35		1	1	2	1,00
36		1	3	4	2,00
37		2	2	4	2,00
38		4	4	8	4,00
39		4	4	8	4,00
40		2	2	4	2,00
41		3	2	5	2,50
42		2	1	3	1,50
43		2	2	4	2,00
44		2	2	4	2,00
45		3	3	6	3,00
46		4	4	8	4,00
47		4	4	8	4,00
48		4	2	6	3,00
49		3	4	7	3,50
50		3	5	8	4,00
Rata-rata		3,52	3,18	6,70	
Varians		1,234	1,620	4,296	
Standar Dev (Sb)		1,111	1,273	2,073	
Korelasi dg total (r)		0,849	0,887	1,000	
Korelasi terkoreksi (rc)	SPSS	0,510	0,510		

**REKAP DATA SKORING FAKTOR KETERLAMBATAN WAKTU PELAKSANAAN
VARIABEL LINGKUNGAN KERJA (X7)**

RESPONDEN	Kode	X7				Jumlah	Nilai Skor Rata2 X7
		Lingkungan Kerja					
		X7.1	X7.2	X7.3	X7.4		
		1	2	3	4		
1		2	2	2	2	8	2,00
2		2	2	3	3	10	2,50
3		2	1	2	1	6	1,50
4		3	4	4	3	14	3,50
5		4	3	3	4	14	3,50
6		4	3	4	4	15	3,75
7		3	3	2	2	10	2,50
8		3	3	4	4	14	3,50
9		5	4	4	5	18	4,50
10		3	3	3	2	11	2,75
11		4	4	5	4	17	4,25
12		3	3	3	4	13	3,25
13		4	4	4	4	16	4,00
14		3	4	3	3	13	3,25
15		2	3	2	3	10	2,50
16		2	3	3	3	11	2,75
17		3	3	4	4	14	3,50
18		3	2	2	3	10	2,50
19		4	4	4	4	16	4,00
20		4	5	4	4	17	4,25
21		4	3	4	3	14	3,50
22		5	4	4	5	18	4,50
23		5	4	4	4	17	4,25
24		4	4	3	3	14	3,50
25		3	3	4	4	14	3,50
26		4	3	3	3	13	3,25
27		5	4	5	4	18	4,50
28		4	4	5	4	17	4,25
29		4	3	3	3	13	3,25
30		4	3	4	4	15	3,75
31		3	2	2	2	9	2,25
32		4	3	3	3	13	3,25
33		3	2	2	3	10	2,50
34		4	4	3	3	14	3,50
35		5	4	4	4	17	4,25
36		3	4	3	3	13	3,25
37		4	3	3	4	14	3,50
38		4	4	3	4	15	3,75
39		2	3	3	2	10	2,50
40		2	1	1	2	6	1,50
41		3	4	3	3	13	3,25
42		4	4	3	3	14	3,50
43		3	3	2	3	11	2,75
44		3	3	3	3	12	3,00
45		4	3	3	4	14	3,50
46		2	3	2	2	9	2,25
47		4	4	4	4	16	4,00
48		2	2	3	2	9	2,25
49		3	2	2	3	10	2,50
50		4	3	3	3	13	3,25
Rata-rata		3,42	3,18	3,18	3,26	13,04	
Varians		0,820	0,722	0,804	0,727	9,223	
Standar Dev (Sb)		0,906	0,850	0,896	0,853	3,037	
Korelasi dg total (r)		0,869	0,843	0,874	0,879	1,000	
Korelasi terkoreksi (rc)	SPSS	0,756	0,724	0,766	0,781		

**REKAP DATA SKORING FAKTOR KETERLAMBATAN WAKTU PELAKSANAAN
VARIABEL MANAJERIAL (X8)**

RESPONDEN	Kode	X8					Jumlah	Nilai Skor Rata2 X8
		Manajerial						
		X8.1 7	X8.2 13	X8.3 14	X8.4 23	X8.5 15		
1		4	5	4	5	4	22	4,40
2		3	4	3	3	4	17	3,40
3		3	3	4	4	3	17	3,40
4		5	5	4	4	4	22	4,40
5		5	5	4	4	4	22	4,40
6		3	4	4	3	4	18	3,60
7		5	5	4	4	4	22	4,40
8		4	3	3	3	4	17	3,40
9		4	4	4	4	4	20	4,00
10		4	4	4	3	4	19	3,80
11		4	3	3	4	3	17	3,40
12		4	3	4	3	3	17	3,40
13		3	2	3	2	2	12	2,40
14		2	3	3	2	2	12	2,40
15		4	3	4	3	4	18	3,60
16		2	3	3	3	2	13	2,60
17		3	2	3	3	2	13	2,60
18		4	5	5	4	4	22	4,40
19		4	4	4	4	4	20	4,00
20		3	3	4	3	3	16	3,20
21		2	3	3	3	2	13	2,60
22		4	4	4	5	5	22	4,40
23		4	3	3	3	3	16	3,20
24		4	4	4	4	3	19	3,80
25		4	5	5	4	4	22	4,40
26		4	4	3	3	3	17	3,40
27		3	3	4	4	3	17	3,40
28		4	3	3	3	3	16	3,20
29		3	4	4	4	3	18	3,60
30		3	3	4	4	3	17	3,40
31		3	3	3	2	2	13	2,60
32		2	2	2	3	3	12	2,40
33		2	2	2	3	3	12	2,40
34		2	2	1	2	2	9	1,80
35		3	4	3	4	3	17	3,40
36		2	3	2	2	3	12	2,40
37		3	2	3	2	3	13	2,60
38		4	3	4	4	3	18	3,60
39		3	3	2	2	3	13	2,60
40		2	2	2	2	2	10	2,00
41		3	4	3	4	4	18	3,60
42		3	3	4	3	4	17	3,40
43		1	2	1	2	1	7	1,40
44		2	2	3	3	3	13	2,60
45		2	2	2	3	2	11	2,20
46		2	3	3	3	2	13	2,60
47		3	2	2	2	3	12	2,40
48		2	3	3	2	3	13	2,60
49		2	2	3	3	3	13	2,60
50		2	2	2	2	2	10	2,00
Rata-rata		3,12	3,20	3,22	3,16	3,08	15,78	
Varians		0,924	0,939	0,828	0,709	0,687	15,155	
Standar Dev (Sb)		0,961	0,969	0,910	0,842	0,829	3,893	
Korelasi dg total (r)		0,869	0,888	0,872	0,833	0,847	1,000	
Korelasi terkoreksi (rc)	SPSS	0,782	0,812	0,794	0,744	0,766		

**REKAP DATA SKORING FAKTOR KETERLAMBATAN WAKTU PELAKSANAAN
VARIABEL WAKTU (Y)**

RESPONDEN	Y1	Y2	Y3	jumlah	rata2	Keterangan
1	3	3	3	9	3	
2	4	3	2	9	3	
3	3	2	4	9	3	
4	5	5	5	15	5	
5	4	4	4	12	4	
6	4	4	4	12	4	
7	4	5	3	12	4	
8	5	4	3	12	4	
9	5	5	5	15	5	
10	4	4	4	12	4	
11	5	4	3	12	4	
12	3	2	4	9	3	
13	3	3	3	9	3	
14	4	2	3	9	3	
15	3	4	2	9	3	
16	3	2	1	6	2	
17	4	3	2	9	3	
18	3	3	3	9	3	
19	4	4	4	12	4	
20	3	2	4	9	3	
21	4	3	2	9	3	
22	4	4	4	12	4	
23	3	3	3	9	3	
24	3	3	3	9	3	
25	3	3	3	9	3	
26	3	3	3	9	3	
27	5	4	3	12	4	
28	4	3	2	9	3	
29	2	3	4	9	3	
30	3	3	3	9	3	
31	3	2	1	6	2	
32	3	2	1	6	2	
33	1	1	1	3	1	
34	3	2	1	6	2	
35	3	3	3	9	3	
36	2	2	2	6	2	
37	2	2	2	6	2	
38	3	3	3	9	3	
39	3	2	1	6	2	
40	1	1	1	3	1	
41	3	2	1	6	2	
42	3	2	1	6	2	
43	1	1	1	3	1	
44	4	2	3	9	3	
45	3	3	3	9	3	
46	2	2	2	6	2	
47	2	3	1	6	2	
48	3	2	1	6	2	
49	1	2	3	6	2	
50	3	2	1	6	2	
Rata-rata	3,18	2,82	2,58	8,58		
Varians	1,049	1,008	1,391	7,718		
Standar Dev (Sb)	1,024	1,004	1,180	2,778		
Korelasi dg total (r)	0,845	0,916	0,842	1,000		
Korelasi terkoreksi (rc)	0,665	0,811	0,612			

**REKAP DATA SKOR RATA-RATA
FAKTOR KETERLAMBATAN WAKTU PELAKSANAAN**

N.Resp	Tenaga Kerja X1	Desain X2	Metode Pelaksanaan X3	Material X4	Keuangan X5	Peralatan X6	Lingkungan Kerja X7	Manajerial X8	Waktu Y
1	2,67	3,50	3,00	4,33	3,33	4,50	2,00	4,40	3,00
2	3,33	3,50	4,50	4,00	3,00	4,00	2,50	3,40	3,00
3	4,00	3,25	4,50	3,67	3,33	4,50	1,50	3,40	3,00
4	3,67	3,75	4,50	3,00	4,33	5,00	3,50	4,40	5,00
5	3,00	4,75	4,50	3,33	3,33	3,00	3,50	4,40	4,00
6	3,33	3,25	3,50	3,67	4,33	4,50	3,75	3,60	4,00
7	3,00	4,50	4,50	3,67	3,67	5,00	2,50	4,40	4,00
8	4,00	3,75	5,00	3,00	4,33	4,50	3,50	3,40	4,00
9	5,00	4,00	5,00	4,33	3,67	5,00	4,50	4,00	5,00
10	4,00	4,25	3,50	4,00	4,33	2,50	2,75	3,80	4,00
11	3,33	3,25	4,00	4,33	5,00	4,00	4,25	3,40	4,00
12	3,00	2,25	2,00	4,33	4,33	2,00	3,25	3,40	3,00
13	3,33	3,50	2,00	3,67	4,00	4,00	4,00	2,40	3,00
14	3,00	3,50	3,50	2,33	4,33	4,00	3,25	2,40	3,00
15	3,00	3,25	3,50	3,33	3,67	2,50	2,50	3,60	3,00
16	2,00	1,75	4,50	3,67	2,67	3,00	2,75	2,60	2,00
17	3,00	2,50	2,50	3,67	4,67	4,00	3,50	2,60	3,00
18	3,00	2,25	4,00	4,00	3,00	3,00	2,50	4,40	3,00
19	4,00	2,75	4,00	4,00	3,67	3,50	4,00	4,00	4,00
20	3,67	2,50	3,00	3,00	3,00	3,00	4,25	3,20	3,00
21	2,33	3,75	4,00	2,33	3,67	3,00	3,50	2,60	3,00
22	3,00	2,75	3,00	2,33	3,33	4,50	4,50	4,40	4,00
23	3,67	2,50	2,00	2,67	4,00	3,00	4,25	3,20	3,00
24	3,67	1,75	3,00	4,33	3,67	4,50	3,50	3,80	3,00
25	2,00	2,00	3,50	2,33	3,67	4,50	3,50	4,40	3,00
26	4,00	2,50	2,50	3,67	4,00	3,50	3,25	3,40	3,00
27	3,00	3,50	3,00	4,00	3,67	4,00	4,50	3,40	4,00
28	3,67	2,50	3,50	4,33	3,00	3,50	4,25	3,20	3,00
29	3,00	2,50	2,00	2,67	3,33	4,50	3,25	3,60	3,00
30	1,67	2,50	3,00	3,67	3,33	3,50	3,75	3,40	3,00
31	2,33	2,50	3,00	3,67	3,00	2,50	2,25	2,60	2,00
32	3,00	2,50	2,00	3,67	3,67	3,00	3,25	2,40	2,00
33	1,67	2,50	3,50	3,00	3,00	2,00	2,50	2,40	1,00
34	2,00	3,50	3,50	2,67	3,33	1,50	3,50	1,80	2,00
35	2,67	3,50	2,50	2,67	3,33	1,00	4,25	3,40	3,00
36	3,00	2,50	3,00	2,67	3,33	2,00	3,25	2,40	2,00
37	3,00	1,50	1,50	4,00	3,67	2,00	3,50	2,60	2,00
38	2,67	2,25	2,00	4,33	3,67	4,00	3,75	3,60	3,00
39	2,33	2,50	3,00	3,00	3,67	4,00	2,50	2,60	2,00
40	3,00	3,75	2,00	3,33	2,33	2,00	1,50	2,00	1,00
41	3,33	2,25	3,00	1,33	2,33	2,50	3,25	3,60	2,00
42	4,00	2,25	3,00	2,67	3,33	1,50	3,50	3,40	2,00
43	3,33	2,50	2,00	1,67	2,33	2,00	2,75	1,40	1,00
44	4,00	3,50	3,00	3,33	3,00	2,00	3,00	2,60	3,00
45	3,67	3,25	4,00	3,33	3,67	3,00	3,50	2,20	3,00
46	3,33	3,50	3,00	1,67	4,67	4,00	2,25	2,60	2,00
47	1,67	3,25	3,00	2,00	4,00	4,00	4,00	2,40	2,00
48	3,00	3,25	3,00	3,33	3,67	3,00	2,25	2,60	2,00
49	2,67	4,00	3,00	2,67	3,67	3,50	2,50	2,60	2,00
50	4,00	2,50	2,00	2,33	3,67	4,00	3,25	2,00	2,00

**REKAP JUMLAH
FAKTOR KETERLAMBATAN WAKTU PELAKSANAAN**

N.Resp	Tenaga Kerja X1	Desain X2	Metode Pelaksanaan X3	Material X4	Keuangan X5	Peralatan X6	Lingkungan Kerja X7	Manajerial X8	Waktu Y
1	8,00	14,00	6,00	13,00	10,00	9,00	8,00	22,00	3,00
2	10,00	14,00	9,00	12,00	9,00	8,00	10,00	17,00	3,00
3	12,00	13,00	9,00	11,00	10,00	9,00	6,00	17,00	3,00
4	11,00	15,00	9,00	9,00	13,00	10,00	14,00	22,00	5,00
5	9,00	19,00	9,00	10,00	10,00	6,00	14,00	22,00	4,00
6	10,00	13,00	7,00	11,00	13,00	9,00	15,00	18,00	4,00
7	9,00	18,00	9,00	11,00	11,00	10,00	10,00	22,00	4,00
8	12,00	15,00	10,00	9,00	13,00	9,00	14,00	17,00	4,00
9	15,00	16,00	10,00	13,00	11,00	10,00	18,00	20,00	5,00
10	12,00	17,00	7,00	12,00	13,00	5,00	11,00	19,00	4,00
11	10,00	13,00	8,00	13,00	15,00	8,00	17,00	17,00	4,00
12	9,00	9,00	4,00	13,00	13,00	4,00	13,00	17,00	3,00
13	10,00	14,00	4,00	11,00	12,00	8,00	16,00	12,00	3,00
14	9,00	14,00	7,00	7,00	13,00	8,00	13,00	12,00	3,00
15	9,00	13,00	7,00	10,00	11,00	5,00	10,00	18,00	3,00
16	6,00	7,00	9,00	11,00	8,00	6,00	11,00	13,00	2,00
17	9,00	10,00	5,00	11,00	14,00	8,00	14,00	13,00	3,00
18	9,00	9,00	8,00	12,00	9,00	6,00	10,00	22,00	3,00
19	12,00	11,00	8,00	12,00	11,00	7,00	16,00	20,00	4,00
20	11,00	10,00	6,00	9,00	9,00	6,00	17,00	16,00	3,00
21	7,00	15,00	8,00	7,00	11,00	6,00	14,00	13,00	3,00
22	9,00	11,00	6,00	7,00	10,00	9,00	18,00	22,00	4,00
23	11,00	10,00	4,00	8,00	12,00	6,00	17,00	16,00	3,00
24	11,00	7,00	6,00	13,00	11,00	9,00	14,00	19,00	3,00
25	6,00	8,00	7,00	7,00	11,00	9,00	14,00	22,00	3,00
26	12,00	10,00	5,00	11,00	12,00	7,00	13,00	17,00	3,00
27	9,00	14,00	6,00	12,00	11,00	8,00	18,00	17,00	4,00
28	11,00	10,00	7,00	13,00	9,00	7,00	17,00	16,00	3,00
29	9,00	10,00	4,00	8,00	10,00	9,00	13,00	18,00	3,00
30	5,00	10,00	6,00	11,00	10,00	7,00	15,00	17,00	3,00
31	7,00	10,00	6,00	11,00	9,00	5,00	9,00	13,00	2,00
32	9,00	10,00	4,00	11,00	11,00	6,00	13,00	12,00	2,00
33	5,00	10,00	7,00	9,00	9,00	4,00	10,00	12,00	1,00
34	6,00	14,00	7,00	8,00	10,00	3,00	14,00	9,00	2,00
35	8,00	14,00	5,00	8,00	10,00	2,00	17,00	17,00	3,00
36	9,00	10,00	6,00	8,00	10,00	4,00	13,00	12,00	2,00
37	9,00	6,00	3,00	12,00	11,00	4,00	14,00	13,00	2,00
38	8,00	9,00	4,00	13,00	11,00	8,00	15,00	18,00	3,00
39	7,00	10,00	6,00	9,00	11,00	8,00	10,00	13,00	2,00
40	9,00	15,00	4,00	10,00	7,00	4,00	6,00	10,00	1,00
41	10,00	9,00	6,00	4,00	7,00	5,00	13,00	18,00	2,00
42	12,00	9,00	6,00	8,00	10,00	3,00	14,00	17,00	2,00
43	10,00	10,00	4,00	5,00	7,00	4,00	11,00	7,00	1,00
44	12,00	14,00	6,00	10,00	9,00	4,00	12,00	13,00	3,00
45	11,00	13,00	8,00	10,00	11,00	6,00	14,00	11,00	3,00
46	10,00	14,00	6,00	5,00	14,00	8,00	9,00	13,00	2,00
47	5,00	13,00	6,00	6,00	12,00	8,00	16,00	12,00	2,00
48	9,00	13,00	6,00	10,00	11,00	6,00	9,00	13,00	2,00
49	8,00	16,00	6,00	8,00	11,00	7,00	10,00	13,00	2,00
50	12,00	10,00	4,00	7,00	11,00	8,00	13,00	10,00	2,00

VALIDITAS

		Correlations			
		X1.1	X1.2	X1.3	TENAGA_KERJA
X1.1	Pearson Correlation	1	,765**	,742**	,928**
	Sig. (2-tailed)		,000	,000	,000
	N	50	50	50	50
X1.2	Pearson Correlation	,765**	1	,673**	,898**
	Sig. (2-tailed)	,000		,000	,000
	N	50	50	50	50
X1.3	Pearson Correlation	,742**	,673**	1	,888**
	Sig. (2-tailed)	,000	,000		,000
	N	50	50	50	50
TENAGA_KERJA	Pearson Correlation	,928**	,898**	,888**	1
	Sig. (2-tailed)	,000	,000	,000	
	N	50	50	50	50

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

		Correlations				
		X2.1	X2.2	X2.3	X2.4	DESAIN
X2.1	Pearson Correlation	1	,649**	,584**	,686**	,861**
	Sig. (2-tailed)		,000	,000	,000	,000
	N	50	50	50	50	50
X2.2	Pearson Correlation	,649**	1	,554**	,671**	,847**
	Sig. (2-tailed)	,000		,000	,000	,000
	N	50	50	50	50	50
X2.3	Pearson Correlation	,584**	,554**	1	,609**	,806**
	Sig. (2-tailed)	,000	,000		,000	,000
	N	50	50	50	50	50
X2.4	Pearson Correlation	,686**	,671**	,609**	1	,877**
	Sig. (2-tailed)	,000	,000	,000		,000
	N	50	50	50	50	50
DESAIN	Pearson Correlation	,861**	,847**	,806**	,877**	1
	Sig. (2-tailed)	,000	,000	,000	,000	
	N	50	50	50	50	50

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

Correlations

		X3.1	X3.2	METODE_PEL AKSANAAN
X3.1	Pearson Correlation	1	,801**	,940**
	Sig. (2-tailed)		,000	,000
	N	50	50	50
X3.2	Pearson Correlation	,801**	1	,957**
	Sig. (2-tailed)	,000		,000
	N	50	50	50
METODE_PELAKSANAAN	Pearson Correlation	,940**	,957**	1
	Sig. (2-tailed)	,000	,000	
	N	50	50	50

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

Correlations

		X4.1	X4.2	X4.3	BAHAN_MATE RIAL
X4.1	Pearson Correlation	1	,633**	,713**	,890**
	Sig. (2-tailed)		,000	,000	,000
	N	50	50	50	50
X4.2	Pearson Correlation	,633**	1	,704**	,872**
	Sig. (2-tailed)	,000		,000	,000
	N	50	50	50	50
X4.3	Pearson Correlation	,713**	,704**	1	,902**
	Sig. (2-tailed)	,000	,000		,000
	N	50	50	50	50
BAHAN_MATERIAL	Pearson Correlation	,890**	,872**	,902**	1
	Sig. (2-tailed)	,000	,000	,000	
	N	50	50	50	50

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

Correlations

		X5.1	X5.2	X5.3	KEUANGAN
X5.1	Pearson Correlation	1	,509**	,511**	,833**
	Sig. (2-tailed)		,000	,000	,000
	N	50	50	50	50
X5.2	Pearson Correlation	,509**	1	,506**	,820**
	Sig. (2-tailed)	,000		,000	,000
	N	50	50	50	50
X5.3	Pearson Correlation	,511**	,506**	1	,807**
	Sig. (2-tailed)	,000	,000		,000
	N	50	50	50	50
KEUANGAN	Pearson Correlation	,833**	,820**	,807**	1
	Sig. (2-tailed)	,000	,000	,000	
	N	50	50	50	50

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

Correlations

		X6.1	X6.2	PERALATAN
X6.1	Pearson Correlation	1	,510**	,849**
	Sig. (2-tailed)		,000	,000
	N	50	50	50
X6.2	Pearson Correlation	,510**	1	,887**
	Sig. (2-tailed)	,000		,000
	N	50	50	50
PERALATAN	Pearson Correlation	,849**	,887**	1
	Sig. (2-tailed)	,000	,000	
	N	50	50	50

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

Correlations

		X7.1	X7.2	X7.3	X7.4	LINGKUNGAN_ KERJA
X7.1	Pearson Correlation	1	,642**	,634**	,728**	,869**
	Sig. (2-tailed)		,000	,000	,000	,000
	N	50	50	50	50	50
X7.2	Pearson Correlation	,642**	1	,680**	,610**	,843**
	Sig. (2-tailed)	,000		,000	,000	,000
	N	50	50	50	50	50
X7.3	Pearson Correlation	,634**	,680**	1	,712**	,874**
	Sig. (2-tailed)	,000	,000		,000	,000
	N	50	50	50	50	50
X7.4	Pearson Correlation	,728**	,610**	,712**	1	,879**
	Sig. (2-tailed)	,000	,000	,000		,000
	N	50	50	50	50	50
LINGKUNGAN_ KERJA	Pearson Correlation	,869**	,843**	,874**	,879**	1
	Sig. (2-tailed)	,000	,000	,000	,000	
	N	50	50	50	50	50

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

Correlations

		X8.1	X8.2	X8.3	X8.4	X8.5	MANAJERIAL
X8.1	Pearson Correlation	1	,719**	,692**	,606**	,705**	,869**
	Sig. (2-tailed)		,000	,000	,000	,000	,000
	N	50	50	50	50	50	50
X8.2	Pearson Correlation	,719**	1	,713**	,686**	,691**	,888**
	Sig. (2-tailed)	,000		,000	,000	,000	,000
	N	50	50	50	50	50	50
X8.3	Pearson Correlation	,692**	,713**	1	,699**	,652**	,872**
	Sig. (2-tailed)	,000	,000		,000	,000	,000
	N	50	50	50	50	50	50
X8.4	Pearson Correlation	,606**	,686**	,699**	1	,625**	,833**
	Sig. (2-tailed)	,000	,000	,000		,000	,000
	N	50	50	50	50	50	50
X8.5	Pearson Correlation	,705**	,691**	,652**	,625**	1	,847**
	Sig. (2-tailed)	,000	,000	,000	,000		,000
	N	50	50	50	50	50	50
MANAJERIAL AL	Pearson Correlation	,869**	,888**	,872**	,833**	,847**	1
	Sig. (2-tailed)	,000	,000	,000	,000	,000	
	N	50	50	50	50	50	50

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

RELIABILITY

```

DATASET ACTIVATE DataSet1.
RELIABILITY
  /VARIABLES=X1.1 X1.2 X1.3
  /SCALE('ALL VARIABLES') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL.

```

Reliability Statistics

Cronbach's Alpha	N of Items
,889	3

```

DATASET ACTIVATE DataSet2.
RELIABILITY
  /VARIABLES=X2.1 X2.2 X2.3 X2.4
  /SCALE('ALL VARIABLES') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL.

```

Reliability Statistics

Cronbach's Alpha	N of Items
,870	4

```

DATASET ACTIVATE DataSet3.
RELIABILITY
  /VARIABLES=X3.1 X3.2
  /SCALE('ALL VARIABLES') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL.

```

Reliability Statistics

Cronbach's Alpha	N of Items
,883	2

```

DATASET ACTIVATE DataSet4.
RELIABILITY
/VARIABLES=X4.1 X4.2 X4.3
/SCALE('ALL VARIABLES') ALL
/MODEL=ALPHA
/SUMMARY=TOTAL.

```

Reliability Statistics

Cronbach's Alpha	N of Items
,864	3

```

DATASET ACTIVATE DataSet5.
RELIABILITY
/VARIABLES=X5.1 X5.2 X5.3
/SCALE('ALL VARIABLES') ALL
/MODEL=ALPHA
/SUMMARY=TOTAL.

```

Reliability Statistics

Cronbach's Alpha	N of Items
,755	3

```

DATASET ACTIVATE DataSet6.
RELIABILITY
/VARIABLES=X6.1 X6.2
/SCALE('ALL VARIABLES') ALL
/MODEL=ALPHA
/SUMMARY=TOTAL.

```

Reliability Statistics

Cronbach's Alpha	N of Items
,671	2

```
DATASET ACTIVATE DataSet7.  
RELIABILITY  
  /VARIABLES=X7.1 X7.2 X7.3 X7.4  
  /SCALE('ALL VARIABLES') ALL  
  /MODEL=ALPHA  
  /SUMMARY=TOTAL.
```

Reliability Statistics

Cronbach's Alpha	N of Items
,889	4

```
DATASET ACTIVATE DataSet8.  
RELIABILITY  
  /VARIABLES=X8.1 X8.2 X8.3 X8.4 X8.5  
  /SCALE('ALL VARIABLES') ALL  
  /MODEL=ALPHA  
  /SUMMARY=TOTAL.
```

Reliability Statistics

Cronbach's Alpha	N of Items
,913	5

FACTOR ANALYSIS X 1 [Tenaga Kerja]

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		,735
Approx. Chi-Square		82,195
Bartlett's Test of Sphericity	df	3
	Sig.	,000

Anti-image Matrices

		X1.1	X1.2	X1.3
Anti-image Covariance	X1.1	,320	-,189	-,175
	X1.2	-,189	,390	-,099
	X1.3	-,175	-,099	,422
Anti-image Correlation	X1.1	,688 ^a	-,536	-,477
	X1.2	-,536	,750 ^a	-,244
	X1.3	-,477	-,244	,778 ^a

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
X1.1	,680	,841
X1.2	,610	,695
X1.3	,578	,654

Extraction Method: Principal Axis Factoring.

Total Variance Explained

Factor	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	2,454	81,817	81,817	2,190	73,010	73,010
2	,328	10,939	92,756			
3	,217	7,244	100,000			

Extraction Method: Principal Axis Factoring.

Factor Matrix^a

	Factor
	1
X1.1	,917
X1.2	,834
X1.3	,809

Extraction Method: Principal Axis Factoring.

a. 1 factors extracted. 10 iterations required.

FACTOR ANALYSIS X 2 [Desain]

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		,830
Approx. Chi-Square		90,862
Bartlett's Test of Sphericity	df	6
	Sig.	,000

Anti-image Matrices

		X2.1	X2.2	X2.3	X2.4
Anti-image Covariance	X2.1	,442	-,137	-,110	-,152
	X2.2	-,137	,470	-,084	-,150
	X2.3	-,110	-,084	,562	-,130
	X2.4	-,152	-,150	-,130	,409
Anti-image Correlation	X2.1	,822 ^a	-,300	-,222	-,357
	X2.2	-,300	,834 ^a	-,163	-,343
	X2.3	-,222	-,163	,872 ^a	-,271
	X2.4	-,357	-,343	-,271	,802 ^a

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
X2.1	,558	,667
X2.2	,530	,622
X2.3	,438	,507
X2.4	,591	,718

Extraction Method: Principal Axis Factoring.

Total Variance Explained

Factor	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	2,878	71,960	71,960	2,514	62,855	62,855
2	,465	11,621	83,580			
3	,350	8,739	92,319			
4	,307	7,681	100,000			

Extraction Method: Principal Axis Factoring.

Factor Matrix^a

	Factor
	1
X2.1	,817
X2.2	,789
X2.3	,712
X2.4	,847

Extraction Method: Principal Axis Factoring.

a. 1 factors extracted. 6 iterations required.

FACTOR ANALYSIS X 3 [Metode Pelaksanaan]

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		,500
Approx. Chi-Square		48,823
Bartlett's Test of Sphericity	df	1
	Sig.	,000

Anti-image Matrices

		X3.1	X3.2
Anti-image Covariance	X3.1	,358	-,287
	X3.2	-,287	,358
Anti-image Correlation	X3.1	,500 ^a	-,801
	X3.2	-,801	,500 ^a

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
X3.1	,642	,801
X3.2	,642	,801

Extraction Method: Principal Axis Factoring.

Total Variance Explained

Factor	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	1,801	90,069	90,069	1,602	80,077	80,077
2	,199	9,931	100,000			

Extraction Method: Principal Axis Factoring.

Factor Matrix^a

	Factor
	1
X3.1	,895
X3.2	,895

Extraction Method: Principal Axis Factoring.

a. 1 factors extracted. 8 iterations required.

FACTOR ANALYSIS X 4 [Bahan / Material]

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		,729
Approx. Chi-Square		69,175
Bartlett's Test of Sphericity	df	3
	Sig.	,000

Anti-image Matrices

		X4.1	X4.2	X4.3
Anti-image Covariance	X4.1	,457	-,122	-,204
	X4.2	-,122	,470	-,198
	X4.3	-,204	-,198	,385
Anti-image Correlation	X4.1	,748 ^a	-,264	-,486
	X4.2	-,264	,758 ^a	-,465
	X4.3	-,486	-,465	,689 ^a

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
X4.1	,543	,643
X4.2	,530	,626
X4.3	,615	,790

Extraction Method: Principal Axis Factoring.

Total Variance Explained

Factor	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	2,368	78,918	78,918	2,059	68,630	68,630
2	,367	12,228	91,145			
3	,266	8,855	100,000			

Extraction Method: Principal Axis Factoring.

Factor Matrix^a

	Factor
	1
X4.1	,802
X4.2	,791
X4.3	,889

Extraction Method: Principal Axis Factoring.

a. 1 factors extracted. 10 iterations required.

FACTOR ANALYSIS
X 5
[Keuangan]

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		,695
Approx. Chi-Square		33,986
Bartlett's Test of Sphericity	df	3
	Sig.	,000

Anti-image Matrices

		X5.1	X5.2	X5.3
Anti-image Covariance	X5.1	,654	-,222	-,224
	X5.2	-,222	,659	-,219
	X5.3	-,224	-,219	,657
Anti-image Correlation	X5.1	,693 ^a	-,338	-,342
	X5.2	-,338	,697 ^a	-,332
	X5.3	-,342	-,332	,695 ^a

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
X5.1	,346	,514
X5.2	,341	,504
X5.3	,343	,508

Extraction Method: Principal Axis Factoring.

Total Variance Explained

Factor	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	2,018	67,267	67,267	1,526	50,878	50,878
2	,494	16,469	83,735			
3	,488	16,265	100,000			

Extraction Method: Principal Axis Factoring.

Factor Matrix^a

	Factor
	1
X5.1	,717
X5.2	,710
X5.3	,713

Extraction Method: Principal Axis Factoring.

a. 1 factors extracted. 6 iterations required.

FACTOR ANALYSIS X 6 [Peralatan]

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		,500
Approx. Chi-Square		14,293
Bartlett's Test of Sphericity	df	1
	Sig.	,000

Anti-image Matrices

		X6.1	X6.2
Anti-image Covariance	X6.1	,740	-,377
	X6.2	-,377	,740
Anti-image Correlation	X6.1	,500 ^a	-,510
	X6.2	-,510	,500 ^a

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
X6.1	,260	,509
X6.2	,260	,509

Extraction Method: Principal Axis Factoring.

Total Variance Explained

Factor	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	1,510	75,488	75,488	1,018	50,878	50,878
2	,490	24,512	100,000			

Extraction Method: Principal Axis Factoring.

Factor Matrix^a

	Factor
	1
X6.1	,713
X6.2	,713

Extraction Method: Principal Axis Factoring.

a. 1 factors extracted. 8 iterations required.

FACTOR ANALYSIS X 7 [Lingkungan Kerja]

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		,808
Approx. Chi-Square		107,523
Bartlett's Test of Sphericity	df	6
	Sig.	,000

Anti-image Matrices

		X7.1	X7.2	X7.3	X7.4
Anti-image Covariance	X7.1	,404	-,128	-,038	-,178
	X7.2	-,128	,461	-,167	-,028
	X7.3	-,038	-,167	,394	-,154
	X7.4	-,178	-,028	-,154	,364
Anti-image Correlation	X7.1	,811 ^a	-,297	-,095	-,465
	X7.2	-,297	,835 ^a	-,391	-,069
	X7.3	-,095	-,391	,807 ^a	-,406
	X7.4	-,465	-,069	-,406	,785 ^a

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
X7.1	,596	,669
X7.2	,539	,600
X7.3	,606	,688
X7.4	,636	,718

Extraction Method: Principal Axis Factoring.

Total Variance Explained

Factor	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	3,004	75,097	75,097	2,674	66,859	66,859
2	,416	10,393	85,490			
3	,350	8,755	94,245			
4	,230	5,755	100,000			

Extraction Method: Principal Axis Factoring.

Factor Matrix^a

	Factor
	1
X7.1	,818
X7.2	,774
X7.3	,830
X7.4	,847

Extraction Method: Principal Axis Factoring.

a. 1 factors extracted. 5 iterations required.

FACTOR ANALYSIS X 8 [Manajerial]

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		,888
Approx. Chi-Square		154,047
Bartlett's Test of Sphericity	df	10
	Sig.	,000

Anti-image Matrices

		X8.1	X8.2	X8.3	X8.4	X8.5
Anti-image Covariance	X8.1	,370	-,103	-,092	-,010	-,127
	X8.2	-,103	,340	-,082	-,099	-,082
	X8.3	-,092	-,082	,363	-,132	-,048
	X8.4	-,010	-,099	-,132	,425	-,068
	X8.5	-,127	-,082	-,048	-,068	,406
Anti-image Correlation	X8.1	,879 ^a	-,292	-,251	-,026	-,329
	X8.2	-,292	,885 ^a	-,232	-,261	-,221
	X8.3	-,251	-,232	,886 ^a	-,336	-,124
	X8.4	-,026	-,261	-,336	,892 ^a	-,163
	X8.5	-,329	-,221	-,124	-,163	,900 ^a

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
X8.1	,630	,684
X8.2	,660	,742
X8.3	,637	,705
X8.4	,575	,616
X8.5	,594	,651

Extraction Method: Principal Axis Factoring.

Total Variance Explained

Factor	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	3,716	74,328	74,328	3,398	67,964	67,964
2	,427	8,537	82,865			
3	,323	6,463	89,328			
4	,279	5,579	94,907			
5	,255	5,093	100,000			

Extraction Method: Principal Axis Factoring.

Factor Matrix^a

	Factor
	1
X8.1	,827
X8.2	,861
X8.3	,840
X8.4	,785
X8.5	,807

Extraction Method: Principal Axis Factoring.

a. 1 factors extracted. 5 iterations required.

Uji Normalitas

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Predicted Value
N		50
Normal Parameters ^{a,b}	Mean	2,8600000
	Std. Deviation	,89028963
Most Extreme Differences	Absolute	,104
	Positive	,104
	Negative	-,062
Kolmogorov-Smirnov Z		,738
Asymp. Sig. (2-tailed)		,647

a. Test distribution is Normal.

b. Calculated from data.

Uji Multikolinieritas

Coefficients ^a							
Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
	B	Std. Error	Beta			Tolerance	VIF
(Constant)	-3,973	,345		-11,513	,000		
X1.Tenaga_Kerja	,200	,059	,154	3,378	,002	,888	1,127
X2.Desain	,314	,065	,250	4,861	,000	,700	1,428
X3.Metode_Pelaksanaan	,164	,057	,157	2,888	,006	,628	1,592
1 X4.Material	,185	,055	,158	3,362	,002	,837	1,195
X5.Keuangan	,240	,081	,153	2,965	,005	,694	1,440
X6.Peralatan	,102	,048	,115	2,126	,040	,635	1,574
X7.Lingkungan_Kerja	,428	,057	,351	7,462	,000	,834	1,198
X8.Manajerial	,489	,064	,411	7,616	,000	,633	1,580

a. Dependent Variable: WAKTU

Regresi

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	X8.Manajerial		Stepwise (Criteria: Probability-of- F-to-enter <= , .050, Probability-of- F-to-remove >= ,100).
2	X5.Keuangan		Stepwise (Criteria: Probability-of- F-to-enter <= , .050, Probability-of- F-to-remove >= ,100).
3	X7. Lingkungan_ Kerja		Stepwise (Criteria: Probability-of- F-to-enter <= , .050, Probability-of- F-to-remove >= ,100).
4	X2.Desain		Stepwise (Criteria: Probability-of- F-to-enter <= , .050, Probability-of- F-to-remove >= ,100).
5	X1. Tenaga_Kerja		Stepwise (Criteria: Probability-of- F-to-enter <= , .050, Probability-of- F-to-remove >= ,100).
6	X3. Metode_Pelak sanaan		Stepwise (Criteria: Probability-of- F-to-enter <= , .050, Probability-of- F-to-remove >= ,100).
7	X4.Material		Stepwise (Criteria: Probability-of- F-to-enter <= , .050, Probability-of- F-to-remove >= ,100).
8	X6.Peralatan		Stepwise (Criteria: Probability-of- F-to-enter <= , .050, Probability-of- F-to-remove >= ,100).

a. Dependent Variable: WAKTU

Model Summaryⁱ

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	,733 ^a	,537	,527	,63656	
2	,823 ^b	,677	,664	,53713	
3	,863 ^c	,745	,728	,48301	
4	,917 ^d	,841	,827	,38489	
5	,934 ^e	,872	,858	,34898	
6	,947 ^f	,896	,882	,31876	
7	,957 ^g	,916	,902	,29002	
8	,961 ^h	,924	,910	,27858	1,767

a. Predictors: (Constant), X8.Manajerial

b. Predictors: (Constant), X8.Manajerial, X5.Keuangan

c. Predictors: (Constant), X8.Manajerial, X5.Keuangan, X7.Lingkungan_Kerja

d. Predictors: (Constant), X8.Manajerial, X5.Keuangan, X7.Lingkungan_Kerja, X2.Desain

e. Predictors: (Constant), X8.Manajerial, X5.Keuangan, X7.Lingkungan_Kerja, X2.Desain, X1.Tenaga_Kerja

f. Predictors: (Constant), X8.Manajerial, X5.Keuangan, X7.Lingkungan_Kerja, X2.Desain, X1.Tenaga_Kerja, X3.Metode_Pelaksanaan

g. Predictors: (Constant), X8.Manajerial, X5.Keuangan, X7.Lingkungan_Kerja, X2.Desain, X1.Tenaga_Kerja, X3.Metode_Pelaksanaan, X4.Material

h. Predictors: (Constant), X8.Manajerial, X5.Keuangan, X7.Lingkungan_Kerja, X2.Desain, X1.Tenaga_Kerja, X3.Metode_Pelaksanaan, X4.Material, X6.Peralatan

i. Dependent Variable: WAKTU

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	22,570	1	22,570	55,699	,000 ^b
	Residual	19,450	48	,405		
	Total	42,020	49			
2	Regression	28,460	2	14,230	49,322	,000 ^c
	Residual	13,560	47	,289		
	Total	42,020	49			
3	Regression	31,288	3	10,429	44,705	,000 ^d
	Residual	10,732	46	,233		
	Total	42,020	49			
4	Regression	35,354	4	8,838	59,661	,000 ^e
	Residual	6,666	45	,148		
	Total	42,020	49			
5	Regression	36,661	5	7,332	60,207	,000 ^f
	Residual	5,359	44	,122		
	Total	42,020	49			
6	Regression	37,651	6	6,275	61,758	,000 ^g
	Residual	4,369	43	,102		
	Total	42,020	49			
7	Regression	38,487	7	5,498	65,367	,000 ^h
	Residual	3,533	42	,084		
	Total	42,020	49			
8	Regression	38,838	8	4,855	62,557	,000 ⁱ
	Residual	3,182	41	,078		
	Total	42,020	49			

a. Dependent Variable: WAKTU

b. Predictors: (Constant), X8.Manajerial

c. Predictors: (Constant), X8.Manajerial, X5.Keuangan

d. Predictors: (Constant), X8.Manajerial, X5.Keuangan, X7.Lingkungan_Kerja

e. Predictors: (Constant), X8.Manajerial, X5.Keuangan, X7.Lingkungan_Kerja, X2.Desain

f. Predictors: (Constant), X8.Manajerial, X5.Keuangan, X7.Lingkungan_Kerja, X2.Desain, X1.Tenaga_Kerja

g. Predictors: (Constant), X8.Manajerial, X5.Keuangan, X7.Lingkungan_Kerja, X2.Desain, X1.Tenaga_Kerja, X3.Metode_Pelaksanaan

h. Predictors: (Constant), X8.Manajerial, X5.Keuangan, X7.Lingkungan_Kerja, X2.Desain, X1.Tenaga_Kerja, X3.Metode_Pelaksanaan, X4.Material

i. Predictors: (Constant), X8.Manajerial, X5.Keuangan, X7.Lingkungan_Kerja, X2.Desain, X1.Tenaga_Kerja, X3.Metode_Pelaksanaan, X4.Material, X6.Peralatan

Coefficients^a

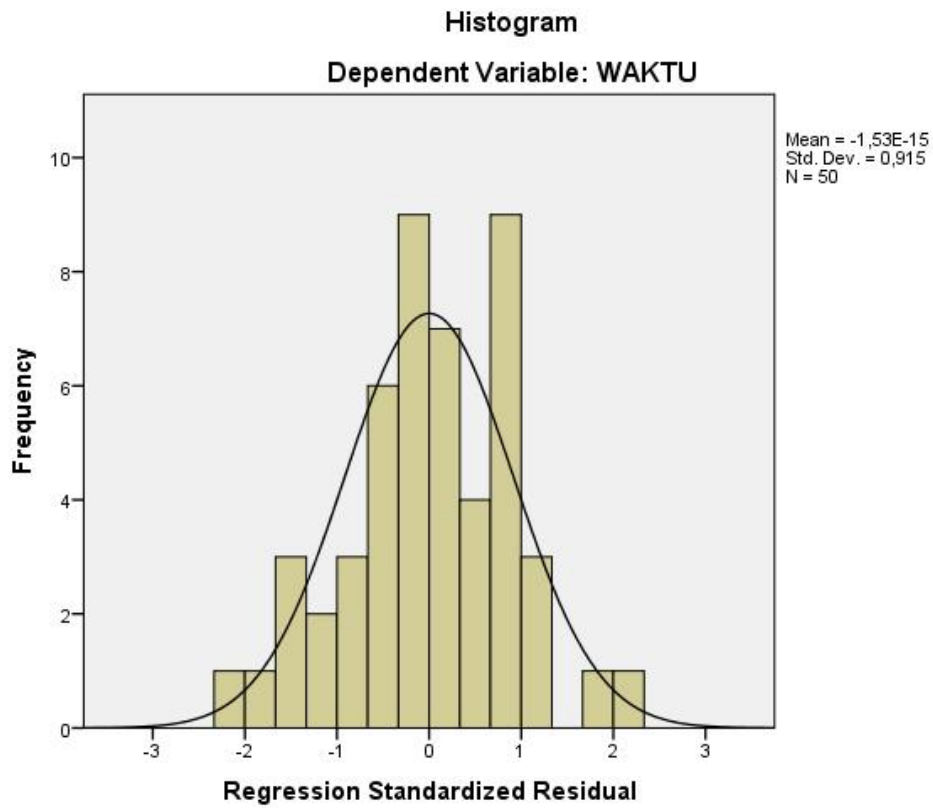
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	,109	,379		,287	,775		
	X8.Manajerial	,872	,117	,733	7,463	,000	1,000	1,000
2	(Constant)	-1,812	,532		-3,405	,001		
	X8.Manajerial	,808	,100	,679	8,115	,000	,980	1,021
	X5.Keuangan	,593	,131	,378	4,518	,000	,980	1,021
3	(Constant)	-2,347	,503		-4,669	,000		
	X8.Manajerial	,758	,091	,637	8,356	,000	,955	1,047
	X5.Keuangan	,483	,122	,308	3,950	,000	,914	1,094
	X7.Lingkungan_Kerja	,334	,096	,274	3,482	,001	,899	1,112
4	(Constant)	-3,203	,433		-7,404	,000		
	X8.Manajerial	,707	,073	,594	9,690	,000	,938	1,066
	X5.Keuangan	,348	,101	,222	3,451	,001	,854	1,171
	X7.Lingkungan_Kerja	,417	,078	,342	5,342	,000	,862	1,160
	X2.Desain	,412	,079	,328	5,238	,000	,902	1,109
5	(Constant)	-3,571	,408		-8,753	,000		
	X8.Manajerial	,673	,067	,566	10,058	,000	,916	1,092
	X5.Keuangan	,324	,092	,207	3,535	,001	,849	1,178
	X7.Lingkungan_Kerja	,389	,071	,319	5,461	,000	,850	1,177
	X2.Desain	,378	,072	,301	5,246	,000	,883	1,133
	X1.Tenaga_Kerja	,241	,073	,185	3,277	,002	,910	1,099
6	(Constant)	-3,741	,377		-9,933	,000		
	X8.Manajerial	,590	,067	,496	8,859	,000	,771	1,297
	X5.Keuangan	,344	,084	,219	4,100	,000	,844	1,185
	X7.Lingkungan_Kerja	,401	,065	,329	6,158	,000	,847	1,181
	X2.Desain	,278	,073	,221	3,807	,000	,715	1,399
	X1.Tenaga_Kerja	,235	,067	,181	3,504	,001	,909	1,100
	X3.Metode_Pelaksanaan	,198	,063	,189	3,120	,003	,657	1,522
7	(Constant)	-4,056	,357		-11,363	,000		
	X8.Manajerial	,535	,063	,449	8,467	,000	,711	1,407
	X5.Keuangan	,308	,077	,197	3,992	,000	,825	1,212
	X7.Lingkungan_Kerja	,421	,060	,345	7,064	,000	,837	1,195
	X2.Desain	,307	,067	,244	4,569	,000	,702	1,424
	X1.Tenaga_Kerja	,206	,062	,159	3,346	,002	,890	1,124
	X3.Metode_Pelaksanaan	,188	,058	,180	3,257	,002	,655	1,526
	X4.Material	,181	,057	,154	3,153	,003	,838	1,194
8	(Constant)	-3,973	,345		-11,513	,000		
	X8.Manajerial	,489	,064	,411	7,616	,000	,633	1,580
	X5.Keuangan	,240	,081	,153	2,965	,005	,694	1,440
	X7.Lingkungan_Kerja	,428	,057	,351	7,462	,000	,834	1,198
	X2.Desain	,314	,065	,250	4,861	,000	,700	1,428
	X1.Tenaga_Kerja	,200	,059	,154	3,378	,002	,888	1,127
	X3.Metode_Pelaksanaan	,164	,057	,157	2,888	,006	,628	1,592
	X4.Material	,185	,055	,158	3,362	,002	,837	1,195
X6.Peralatan	,102	,048	,115	2,126	,040	,635	1,574	

a. Dependent Variable: WAKTU

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	,7415	5,1812	2,8600	,89029	50
Residual	-,63478	,56657	,00000	,25482	50
Std. Predicted Value	-2,380	2,607	,000	1,000	50
Std. Residual	-2,279	2,034	,000	,915	50

a. Dependent Variable: WAKTU



Normal P-P Plot of Regression Standardized Residual

