

1. Hasil Jawaban Responden Sebelum Pelatihan

Res	Umur	J_Kel	Pend	Jumlah Pekerjaan			kualitas kerja						ketepatan waktu			kebahadiran				kemampuan kerjasama							
				x1	x2	x3	x1	x2	x3	x4	x5	x6	x1	x2	x3	x4	x1	x2	x3	x4	x1	x2	x3	x4			
R1	2	1	2	4	4	2	10	4	2	4	4	3	21	4	2	4	10	4	3	3	4	14	2	3	2	4	11
R2	1	1	1	4	4	4	12	4	2	4	4	4	20	4	2	4	10	2	2	2	3	9	4	2	4	2	12
R3	1	1	1	2	2	4	8	2	2	2	2	2	12	2	2	4	8	4	2	3	2	11	2	2	2	4	10
R4	2	1	1	2	2	2	6	2	2	2	2	2	12	2	2	4	8	4	2	2	2	10	2	2	2	3	9
R5	2	1	1	4	4	2	10	4	2	4	2	2	18	4	2	4	10	4	2	3	2	11	4	4	3	4	15
R6	2	1	1	4	2	2	8	2	3	2	4	3	18	4	2	4	10	4	4	3	3	14	4	4	2	4	14
R7	3	1	1	4	4	2	10	4	2	4	4	4	22	4	2	4	10	2	2	2	2	8	3	3	2	4	12
R8	1	1	1	4	4	2	10	4	4	4	4	4	24	4	2	4	10	2	2	2	2	8	4	4	2	2	12
R9	2	1	1	4	4	4	12	4	4	4	2	4	22	4	2	4	10	2	2	3	2	9	4	2	2	4	12
R10	1	1	1	4	4	2	10	4	2	2	4	4	18	4	2	4	10	2	3	2	2	9	4	2	2	4	12
R11	2	1	1	4	4	2	10	4	2	4	2	2	18	4	4	12	4	4	2	2	12	2	2	2	4	10	
R12	2	1	2	4	4	2	10	2	4	4	4	2	20	4	2	4	10	4	3	4	4	15	4	4	3	4	15
R13	2	1	1	4	4	3	11	2	4	2	4	4	18	4	2	2	8	4	3	4	4	15	4	2	4	4	14
R14	2	1	1	2	2	2	6	4	4	4	4	4	24	4	2	4	10	2	4	4	4	14	4	4	2	2	12
R15	1	1	1	2	2	2	6	2	2	2	2	2	14	2	2	4	8	2	2	2	2	8	2	2	2	4	10
R16	1	1	1	2	2	2	6	2	2	2	2	2	12	2	2	4	8	4	2	2	2	10	2	4	2	4	12
R17	1	1	1	4	4	2	10	4	4	2	4	4	22	4	2	4	10	2	2	2	2	8	4	2	2	4	12
R18	1	1	1	4	4	2	10	2	2	4	4	4	20	4	2	4	10	2	2	2	4	10	4	4	2	4	14
R19	1	1	1	2	2	2	6	2	2	4	2	2	16	2	2	4	8	2	3	2	2	9	2	2	2	2	8
R20	1	1	1	2	2	2	6	2	2	2	2	4	14	2	2	4	8	2	2	3	2	9	2	4	2	2	10
R21	2	1	2	4	4	2	10	2	2	2	2	2	12	2	2	2	6	4	2	2	3	11	2	2	2	4	10
R22	2	1	1	4	4	2	10	4	4	4	4	2	22	4	3	4	11	2	3	3	2	10	4	2	2	4	12
R23	1	1	1	2	2	2	6	2	2	4	4	4	20	2	2	2	6	4	2	2	2	10	4	2	4	4	14
R24	3	1	1	4	4	2	10	4	4	2	4	4	22	4	2	4	10	4	2	2	2	10	4	2	2	4	12
R25	2	1	2	4	4	2	10	4	4	2	4	4	22	4	2	4	10	4	2	3	3	12	4	2	2	2	10
R26	2	1	1	4	4	2	10	4	4	4	4	2	22	2	2	4	8	2	3	2	2	9	4	4	2	4	14
R27	1	1	1	4	4	4	12	4	2	2	4	4	2	18	2	2	4	8	4	2	2	3	11	4	4	4	16
R28	1	1	1	4	4	2	10	4	4	4	4	4	24	4	2	4	10	2	3	3	4	12	4	2	4	2	12
R29	1	1	1	4	4	2	10	4	2	2	4	4	20	4	2	4	10	2	2	2	2	3	9	4	2	2	12
R30	2	1	1	4	4	2	10	4	2	4	4	4	22	4	2	4	10	4	3	3	4	14	4	4	2	2	12

2. Hasil Jawaban Responden Sesudah Pelatihan

Res	Umur	J_Kel	Pend	Jumlah Pekerjaan			kualitas kerja			ketepatan waktu			kehadiran				kemampuan kerjasama										
				x1	x2	x3	∑X1	x1	x2	x3	∑X2	x1	x2	x3	∑X3	x1	x2	x3	x4	∑X4	x1	x2	x3	x4	∑X4		
R1	2	1	2	3	4	3	10	4	4	4	5	4	25	3	4	4	11	3	4	3	4	14	3	3	4	4	14
R2	1	1	1	4	4	4	12	4	4	4	4	24	3	3	3	9	3	3	4	4	14	4	4	4	4	16	
R3	1	1	1	4	4	3	11	4	4	4	4	24	4	3	4	11	3	3	3	4	13	4	4	4	3	14	
R4	2	1	1	3	4	4	11	4	4	3	4	23	3	4	4	11	4	3	4	3	14	5	4	4	4	17	
R5	2	1	1	4	3	3	10	3	4	4	3	21	4	3	4	11	3	3	3	4	13	5	4	3	3	15	
R6	2	1	1	3	3	3	9	3	3	3	4	19	4	3	4	11	4	3	4	3	14	4	3	3	4	14	
R7	3	1	1	4	4	3	11	4	4	4	3	23	3	4	4	11	4	4	3	4	15	4	4	4	3	15	
R8	1	1	1	4	4	3	11	4	4	4	4	24	4	4	3	11	4	4	4	4	16	4	5	3	4	16	
R9	2	1	1	3	4	4	11	4	4	3	4	22	3	3	3	9	4	3	4	3	14	5	4	4	4	17	
R10	1	1	1	4	3	4	11	3	4	3	4	21	3	4	3	10	3	3	3	3	12	4	4	4	3	15	
R11	2	1	1	4	4	4	12	4	4	4	4	24	4	3	4	11	4	4	4	3	15	4	3	4	4	15	
R12	2	1	2	4	4	3	11	4	4	4	4	24	5	3	4	12	4	4	4	3	15	3	4	4	4	15	
R13	2	1	1	4	4	4	12	4	4	4	4	24	4	4	3	11	4	3	4	4	15	4	4	4	3	15	
R14	2	1	1	4	3	4	11	3	4	3	4	21	4	3	4	11	4	3	3	3	13	4	4	3	4	15	
R15	1	1	1	4	3	3	10	3	4	3	3	20	4	3	4	11	4	3	3	4	14	4	3	3	3	13	
R16	1	1	1	4	4	3	11	4	3	4	4	23	4	4	3	11	4	3	4	4	15	5	4	4	4	17	
R17	1	1	1	4	3	4	11	3	4	3	4	21	4	3	4	11	4	4	3	4	15	4	4	3	4	15	
R18	1	1	1	4	3	4	11	3	3	3	3	19	4	4	3	11	4	3	3	4	14	4	3	3	3	13	
R19	1	1	1	4	4	3	11	4	3	4	4	23	3	4	4	11	5	3	4	3	15	4	3	4	4	15	
R20	1	1	1	4	4	4	12	4	5	4	4	25	5	3	3	11	4	3	4	4	15	4	3	4	4	15	
R21	2	1	2	3	4	4	11	4	4	4	3	23	4	4	4	12	3	3	4	3	13	4	4	4	4	16	
R22	2	1	1	3	3	3	9	4	4	3	3	20	4	4	4	12	3	4	4	4	15	4	4	3	4	15	
R23	1	1	1	4	3	4	11	4	4	3	3	21	3	4	3	10	4	3	4	4	15	3	4	3	4	14	
R24	3	1	1	4	4	4	12	4	4	3	4	23	4	3	3	10	4	3	4	4	15	4	4	4	4	16	
R25	2	1	2	4	3	4	11	4	4	4	3	22	4	5	3	12	4	3	3	4	14	4	4	3	4	15	
R26	2	1	1	3	4	4	11	4	3	4	4	23	4	3	3	10	3	4	4	3	14	4	4	4	4	16	
R27	1	1	1	4	4	4	12	4	3	4	4	23	3	4	4	11	4	3	5	4	16	3	4	5	4	16	
R28	1	1	1	4	4	4	12	4	5	4	4	26	4	4	4	12	4	4	4	4	16	4	4	4	4	16	
R29	1	1	1	3	4	3	10	4	3	4	4	23	4	4	3	11	4	5	4	4	17	4	3	3	4	14	
R30	2	1	1	4	3	4	11	4	4	3	4	21	4	4	4	12	4	4	3	3	14	4	4	4	3	15	

1. Hasil Uji Normalitas menggunakan SPSS

One-Sample Kolmogorov-Smirnov Test

		Jmlh_pkerjaan_ sblm	Jmlh_pkerjaan_ sblm
N		30	30
Normal Parameters ^{a,b}	Mean	9,1667	10,9667
	Std. Deviation	1,96668	,80872
Most Extreme Differences	Absolute	,364	,316
	Positive	,203	,250
	Negative	-,364	-,316
Test Statistic		,364	,316
Asymp. Sig. (2-tailed)		,000 ^c	,000 ^c

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

One-Sample Kolmogorov-Smirnov Test

		kualitas_pkrjaan_ _sblm	Kualitas_pkrjaa n_ssdh
N		30	30
Normal Parameters ^{a,b}	Mean	18,9667	22,5000
	Std. Deviation	3,79185	1,77628
Most Extreme Differences	Absolute	,174	,211
	Positive	,112	,134
	Negative	-,174	-,211
Test Statistic		,174	,211
Asymp. Sig. (2-tailed)		,021 ^c	,002 ^c

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

One-Sample Kolmogorov-Smirnov Test

		Ktepatan_waktu _sblm	Ktepatan_waktu _ssdh
N		30	30
Normal Parameters ^{a,b}	Mean	9,2333	10,9333
	Std. Deviation	1,38174	,78492
Most Extreme Differences	Absolute	,344	,334
	Positive	,223	,266
	Negative	-,344	-,334
Test Statistic		,344	,334
Asymp. Sig. (2-tailed)		,000 ^c	,000 ^c

- a. Test distribution is Normal.
- b. Calculated from data.
- c. Lilliefors Significance Correction.

One-Sample Kolmogorov-Smirnov Test

		Kehadiran_sblm	Kehadiran_ssdh
N		30	30
Normal Parameters ^{a,b}	Mean	10,7000	14,4667
	Std. Deviation	2,18380	1,07425
Most Extreme Differences	Absolute	,192	,190
	Positive	,192	,176
	Negative	-,135	-,190
Test Statistic		,192	,190
Asymp. Sig. (2-tailed)		,006 ^c	,007 ^c

- a. Test distribution is Normal.
- b. Calculated from data.
- c. Lilliefors Significance Correction.

One-Sample Kolmogorov-Smirnov Test

		Kmmpuan_krjs ama_sblm	Kmmpuan_krja sama_ssdh
N		30	30
Normal Parameters ^{a,b}	Mean	12,0000	15,1333
	Std. Deviation	1,89373	1,04166
Most Extreme Differences	Absolute	,233	,218
	Positive	,233	,218
	Negative	-,200	-,216
Test Statistic		,233	,218
Asymp. Sig. (2-tailed)		,000 ^c	,001 ^c

- a. Test distribution is Normal.
- b. Calculated from data.

2. Uji Hasil Hipotesis

a. Hasil Uji *Wilcoxon* Jumlah Pekerjaan

		Ranks		
		N	Mean Rank	Sum of Ranks
Jmlh_pkrjaan_ssdh -	Negative Ranks	2 ^a	7,50	15,00
Jmlh_pkrjaan_sblm	Positive Ranks	23 ^b	13,48	310,00
	Ties	5 ^c		
	Total	30		

- a. $Jmlh_pkrjaan_ssdh < Jmlh_pkrjaan_sblm$
- b. $Jmlh_pkrjaan_ssdh > Jmlh_pkrjaan_sblm$
- c. $Jmlh_pkrjaan_ssdh = Jmlh_pkrjaan_sblm$

Test Statistics ^a	
	Jmlh_pkrjaan_ssdh
	-
	Jmlh_pkrjaan_sblm
Z	-4,058 ^b
Asymp. Sig. (2-tailed)	,000

- a. Wilcoxon Signed Ranks Test
- b. Based on negative ranks.

b. Hasil Uji *Wilcoxon* Kualitas Pekerjaan

		Ranks		
		N	Mean Rank	Sum of Ranks
Kualitas_pkrjaan_ssdh -	Negative Ranks	5 ^a	7,10	35,50
-	Positive Ranks	22 ^b	15,57	342,50
Kualitas_pkrjaan_sblm	Ties	3 ^c		
	Total	30		

- a. $Kualitas_pkrjaan_ssdh < Kualitas_pkrjaan_sblm$
- b. $Kualitas_pkrjaan_ssdh > Kualitas_pkrjaan_sblm$
- c. $Kualitas_pkrjaan_ssdh = Kualitas_pkrjaan_sblm$

Test Statistics^a

	Kualitas_pkrjaan_ssdh -
	Kualitas_pkrjaan_sblm
Z	-3,703 ^b
Asymp. Sig. (2-tailed)	,000

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

c. Hasil Uji Wilcoxon Ketepatan Waktu

Ranks

	N	Mean Rank	Sum of Ranks
Ktepatan_waktu_ssdh - Negative Ranks	3 ^a	7,00	21,00
Ktepata_wktu_sblm Positive Ranks	25 ^b	15,40	385,00
Ties	2 ^c		
Total	30		

a. Ktepatan_waktu_ssdh < Ktepata_wktu_sblm

b. Ktepatan_waktu_ssdh > Ktepata_wktu_sblm

c. Ktepatan_waktu_ssdh = Ktepata_wktu_sblm

Test Statistics^a

	Ktepatan_waktu_ssdh - Ktepata_wktu_sblm
Z	-4,209 ^b
Asymp. Sig. (2-tailed)	,000

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

d. Hasil Uji Wilcoxon Kehadiran

Ranks

	N	Mean Rank	Sum of Ranks
Khadiran_ssdh - Negative Ranks	1 ^a	1,00	1,00
Khadiran_sblm Positive Ranks	24 ^b	13,50	324,00
Ties	5 ^c		
Total	30		

a. Khadiran_ssdh < Khadiran_sblm

b. Khadiran_ssdh > Khadiran_sblm

c. Khadiran_ssdh = Khadiran_sblm

Test Statistics^a

	Khadiran_ssdh
	-
	Khadiran_sblm
Z	-4,366 ^b
Asymp. Sig. (2-tailed)	,000

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

e. Hasil Uji Wilcoxon Kemampuan Kerjasama

Ranks

	N	Mean Rank	Sum of Ranks
Kmmpuan_krjsama_ Negative Ranks	1 ^a	1,50	1,50
ssdh - Positive Ranks	24 ^b	13,48	323,50
Kmmpuan_krjsama_ Ties	5 ^c		
sblm Total	30		

a. Kmmpuan_krjsama_ssdh < Kmmpuan_krjsama_sblm

b. Kmmpuan_krjsama_ssdh > Kmmpuan_krjsama_sblm

c. Kmmpuan_krjsama_ssdh = Kmmpuan_krjsama_sblm

Test Statistics^a

	Kmmpuan_krjsama_ssdh - Kmmpuan_krjsama_sblm
Z	-4,357 ^b
Asymp. Sig. (2-tailed)	,000

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.