

# LAMPIRAN

# LAMPIRAN 1

## Uji Anova

### 1. Uji Anova Service Level

Analysis of Variance for service level, using Adjusted SS for Tests						
Source	DF	Seq SS	Adj SS	Adj MS	F	P
PH	1	0,0028427	0,0028427	0,0028427	13,56	0,000
FI	1	0,0177969	0,0177968	0,0177968	84,88	0,000
FE	1	0,0224058	0,0224058	0,0224058	106,86	0,000
SP	2	0,0000819	0,0000819	0,0000410	0,20	0,823
LS	2	0,0153928	0,0153928	0,0076964	36,71	0,000
PH*FI	1	0,0454063	0,0454063	0,0454063	216,56	0,000
PH*FE	1	0,0027851	0,0027851	0,0027851	13,28	0,000
PH*SP	2	0,0000271	0,0000271	0,0000135	0,06	0,938
PH*LS	2	0,0111956	0,0111956	0,0055978	26,70	0,000
FI*FE	1	0,0117632	0,0117632	0,0117632	56,10	0,000
FI*SP	2	0,0002029	0,0002029	0,0001015	0,48	0,617
FI*LS	2	0,0014037	0,0014037	0,0007018	3,35	0,038
FE*SP	2	0,0000781	0,0000781	0,0000390	0,19	0,830
FE*LS	2	0,0001891	0,0001891	0,0000945	0,45	0,638
SP*LS	4	0,0000569	0,0000569	0,0000142	0,07	0,992
PH*FI*FE	1	0,0013450	0,0013450	0,0013450	6,41	0,012
PH*FI*SP	2	0,0000702	0,0000702	0,0000351	0,17	0,846
PH*FE*SP	2	0,0000139	0,0000139	0,0000070	0,03	0,967
PH*FI*LS	2	0,0347771	0,0347771	0,0173886	82,93	0,000
PH*FE*LS	2	0,0114820	0,0114820	0,0057410	27,38	0,000
PH*SP*LS	4	0,0002624	0,0002624	0,0000656	0,31	0,869
FI*FE*SP	2	0,0000298	0,0000298	0,0000149	0,07	0,931
FI*FE*LS	2	0,0006128	0,0006128	0,0003064	1,46	0,235
FI*SP*LS	4	0,0003148	0,0003148	0,0000787	0,38	0,826
FE*SP*LS	4	0,0000820	0,0000820	0,0000205	0,10	0,983
PH*FI*FE*SP	2	0,0000221	0,0000221	0,0000111	0,05	0,949
PH*FI*FE*LS	2	0,0058032	0,0058032	0,0029016	13,84	0,000
PH*FI*SP*LS	4	0,0005578	0,0005578	0,0001395	0,67	0,617
PH*FE*SP*LS	4	0,0001625	0,0001625	0,0000406	0,19	0,941
FI*FE*SP*LS	4	0,0000466	0,0000466	0,0000116	0,06	0,994
PH*FI*FE*SP*LS	4	0,0004967	0,0004967	0,0001242	0,59	0,669
Error	144	0,0301930	0,0301930	0,0002097		
Total	215	0,2179002				

S = 0,0144801    R Sq = 86,14%    R-Sq(adj) = 79,31%

Gambar 1

## 2. Uji Anova Instability

Analysis of Variance for instability, using Adjusted SS for Tests						
Source	DF	Seq SS	Adj SS	Adj MS	F	P
PH	1	603996	603996	603996	202,11	0,000
FI	1	52334868	52334868	52334868	17512,53	0,000
FE	1	2263808	2263808	2263808	757,53	0,000
SP	2	17116261	17116261	8558131	2863,76	0,000
LS	2	3514243	3514243	1757121	587,98	0,000
PH*FI	1	62626	62626	62626	20,96	0,000
PH*FE	1	413976	413976	413976	138,53	0,000
PH*SP	2	229442	229442	114721	38,39	0,000
PH*LS	2	342831	342831	171415	57,36	0,000
FI*FE	1	351641	351641	351641	117,67	0,000
FI*SP	2	5082789	5082789	2541395	850,41	0,000
FI*LS	2	1110998	1110998	555499	185,88	0,000
FE*SP	2	181447	181447	90724	30,36	0,000
FE*LS	2	257099	257099	128550	43,02	0,000
SP*LS	4	465236	465236	116309	38,92	0,000
PH*FI*FE	1	695552	695552	695552	232,75	0,000
PH*FI*SP	2	181079	181079	90540	30,30	0,000
PH*FE*SP	2	48965	48965	24482	8,19	0,000
PH*FI*LS	2	283998	283998	141999	47,52	0,000
PH*FE*LS	2	2309533	2309533	1154767	386,41	0,000
PH*SP*LS	4	100220	100220	25055	8,38	0,000
FI*FE*SP	2	47586	47586	23793	7,96	0,001
FI*FE*LS	2	363524	363524	181762	60,82	0,000
FI*SP*LS	4	134679	134679	33670	11,27	0,000
FE*SP*LS	4	14399	14399	3600	1,20	0,311
PH*FI*FE*SP	2	97357	97357	48678	16,29	0,000
PH*FI*FE*LS	2	1698957	1698957	849479	284,26	0,000
PH*FI*SP*LS	4	39976	39976	9994	3,34	0,012
PH*FE*SP*LS	4	178937	178937	44734	14,97	0,000
FI*FE*SP*LS	4	28033	28033	7008	2,35	0,057
PH*FI*FE*SP*LS	4	124532	124532	31133	10,42	0,000
Error	144	430333	430333	2988		
Total	215	91108924				

S = 54,6665    R-Sq = 99,53%    R-Sq(adj) = 99,29%

Gambar 2

### 3. Uji Anova Total Cost

Analysis of Variance for total cost, using Adjusted SS for Tests						
Source	DF	Seq SS	Adj SS	Adj MS	F	P
PH	1	87966170	87966170	87966170	4,16	0,043
FI	1	58555215	58555215	58555215	2,77	0,098
FE	1	3025399575	3025399575	3025399575	143,18	0,000
SP	2	3,54382E+11	3,54382E+11	1,77191E+11	8385,76	0,000
LS	2	611811914	611811914	305905957	14,48	0,000
PH*FI	1	386711436	386711436	386711436	18,30	0,000
PH*FE	1	282277572	282277572	282277572	13,36	0,000
PH*SP	2	878755911	878755911	439377956	20,79	0,000
PH*LS	2	1211354582	1211354582	605677291	28,66	0,000
FI*FE	1	243569702	243569702	243569702	11,53	0,001
FI*SP	2	10671021	10671021	5335511	0,25	0,777
FI*LS	2	5048464	5048464	2524232	0,12	0,887
FE*SP	2	303990372	303990372	151995186	7,19	0,001
FE*LS	2	3325167450	3325167450	1662583725	78,68	0,000
SP*LS	4	115035272	115035272	28758818	1,36	0,250
PH*FI*FE	1	41155839	41155839	41155839	1,95	0,165
PH*FI*SP	2	8171462	8171462	4085731	0,19	0,824
PH*FE*SP	2	64635439	64635439	32317719	1,53	0,220
PH*FI*LS	2	94234833	94234833	47117416	2,23	0,111
PH*FE*LS	2	2438881428	2438881428	1219440714	57,71	0,000
PH*SP*LS	4	161616986	161616986	40404247	1,91	0,112
FI*FE*SP	2	158890535	158890535	79445267	3,76	0,026
FI*FE*LS	2	57389394	57389394	28694697	1,36	0,260
FI*SP*LS	4	107392220	107392220	26848055	1,27	0,284
FE*SP*LS	4	693639934	693639934	173409984	8,21	0,000
PH*FI*FE*SP	2	16872910	16872910	8436455	0,40	0,672
PH*FI*FE*LS	2	134373249	134373249	67186625	3,18	0,045
PH*FI*SP*LS	4	91466230	91466230	22866557	1,08	0,368
PH*FE*SP*LS	4	514644139	514644139	128661035	6,09	0,000
FI*FE*SP*LS	4	64062842	64062842	16015711	0,76	0,554
PH*FI*FE*SP*LS	4	59957229	59957229	14989307	0,71	0,587
Error	144	3042714575	3042714575	21129962		
Total	215	3,72678E+11				

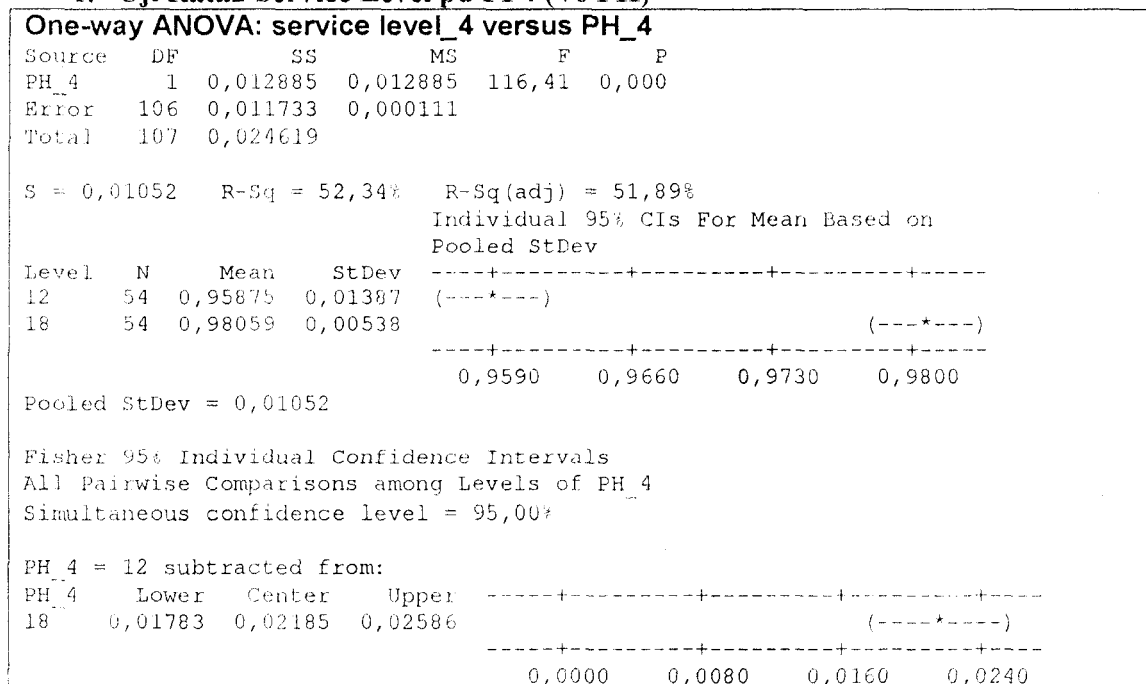
S = 4596,73    R-Sq = 99,18%    R-Sq(adj) = 98,78%

Gambar 3

# LAMPIRAN 2

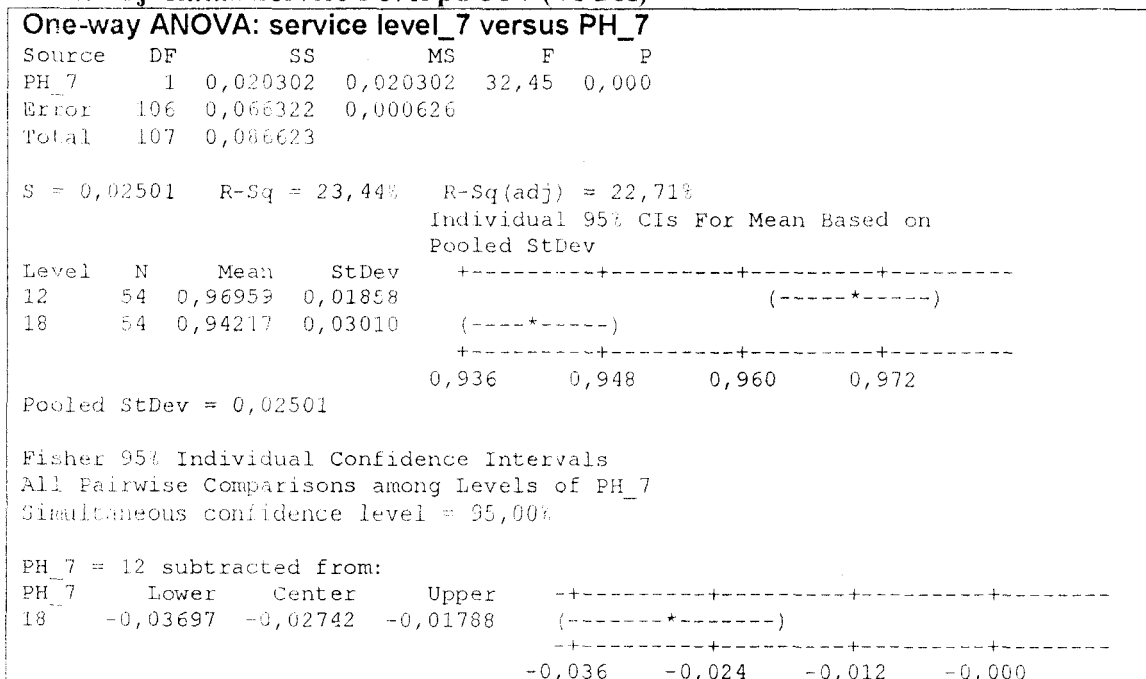
## One Way Anova

### 1. Uji Rata2 Service Level pd FI 4 (Vs PH)



Gambar 1

### 2. Uji Rata2 Service Level pd FI 7 (Vs PH)



Gambar 2

**3. Uji Rata2 Service Level pd FE 10 (Vs PH)**

**One-way ANOVA: service level\_stdev10 versus PH\_stdev10**

Source	DF	SS	MS	F	P
PH_stdev10	1	0,000000	0,000000	0,00	0,993
Error	106	0,030690	0,000290		
Total	107	0,030690			

S = 0,01702    R-Sq = 0,00%    R-Sq(adj) = 0,00%

Individual 95% CIs For Mean Based on Pooled StDev

Level	N	Mean	StDev
12	54	0,97076	0,01560
18	54	0,97079	0,01832

0,9675    0,9700    0,9725    0,9750

Pooled StDev = 0,01702

Fisher 95% Individual Confidence Intervals  
All Pairwise Comparisons among Levels of PH\_stdev10

Simultaneous confidence level = 95,00%

PH\_stdev10 = 12 subtracted from:

PH_stdev10	Lower	Center	Upper
18	-0,00646	0,00003	0,00652
PH_stdev10			
18			

-0,0035    0,0000    0,0035    0,0070

Gambar 3

**4. Uji Rata2 Service Level pd FE 30 (Vs PH)**

**One-way ANOVA: service level\_stdev30 versus PH\_stdev30**

Source	DF	SS	MS	F	P
PH_stdev30	1	0,000848	0,000848	1,18	0,280
Error	106	0,076139	0,000718		
Total	107	0,076988			

S = 0,02680    R-Sq = 1,10%    R-Sq(adj) = 0,17%

Individual 95% CIs For Mean Based on Pooled StDev

Level	N	Mean	StDev
12	54	0,95758	0,01630
18	54	0,95197	0,03422

0,9480    0,9540    0,9600    0,9660

Pooled StDev = 0,02680

Fisher 95% Individual Confidence Intervals  
All Pairwise Comparisons among Levels of PH\_stdev30

Simultaneous confidence level = 95,00%

PH\_stdev30 = 12 subtracted from:

PH_stdev30	Lower	Center	Upper
18	-0,01583	-0,00561	0,00462
PH_stdev30			
18			

-0,0140    -0,0070    -0,0000    0,0070

Gambar 4

### 5. Uji Rata2 Service Level pd LS POQ (Vs PH)

#### One-way ANOVA: service level\_POQ versus PH\_POQ

Source	DF	SS	MS	F	P
PH_POQ	1	0,002998	0,002998	4,44	0,039
Error	70	0,047216	0,000675		
Total	71	0,050214			

S = 0,02597    R-Sq = 5,97%    R-Sq(adj) = 4,63%  
 Individual 95% CIs For Mean Based on Pooled StDev

Level	N	Mean	StDev	-----+-----+-----+-----+-----			
12	36	0,96503	0,01280			(-----*-----)	
18	36	0,95213	0,03442	(-----*-----)			
				-----+-----+-----+-----+-----			
				0,9440	0,9520	0,9600	0,9680

Pooled StDev = 0,02597

Fisher 95% Individual Confidence Intervals  
 All Pairwise Comparisons among Levels of PH\_POQ  
 Simultaneous confidence level = 95,00%

PH\_POQ = 12 subtracted from:

PH_POQ	Lower	Center	Upper	-----+-----+-----+-----+-----			
18	-0,02511	-0,01291	-0,00070	(-----*-----)			
				-----+-----+-----+-----+-----			
				-0,020	-0,010	0,000	0,010

Gambar 5

### 6. Uji Rata2 Service Level pd LS LTC (Vs PH)

#### One-way ANOVA: service level\_LTC versus PH\_LTC

Source	DF	SS	MS	F	P
PH_LTC	1	0,001268	0,001268	2,36	0,129
Error	70	0,037570	0,000537		
Total	71	0,038838			

S = 0,02317    R-Sq = 3,27%    R-Sq(adj) = 1,88%  
 Individual 95% CIs For Mean Based on Pooled StDev

Level	N	Mean	StDev	-----+-----+-----+-----+-----			
12	36	0,96139	0,01522			(-----*-----)	
18	36	0,95299	0,02901	(-----*-----)			
				-----+-----+-----+-----+-----			
				0,9480	0,9540	0,9600	0,9660

Pooled StDev = 0,02317

Fisher 95% Individual Confidence Intervals  
 All Pairwise Comparisons among Levels of PH\_LTC  
 Simultaneous confidence level = 95,00%

PH\_LTC = 12 subtracted from:

PH_LTC	Lower	Center	Upper	-----+-----+-----+-----+-----			
18	-0,01928	-0,00839	0,00250	(-----*-----)			
				-----+-----+-----+-----+-----			
				-0,0160	-0,0080	0,0000	0,0080

Gambar 6

### 7. Uji Rata2 Service Level pd LS SM (Vs PH)

#### One-way ANOVA: service level\_SM versus PH\_SM

Source	DF	SS	MS	F	P
PH_SM	1	0,003012	0,003012	11,07	0,001
Error	70	0,019049	0,000272		
Total	71	0,022061			

S = 0,01650 R-Sq = 13,65% R-Sq(adj) = 12,42%  
Individual 95% CIs For Mean Based on Pooled StDev

Level	N	Mean	StDev
12	36	0,96609	0,02229
18	36	0,97902	0,00687

Pooled StDev = 0,01650

Fisher 95% Individual Confidence Intervals  
All Pairwise Comparisons among Levels of PH\_SM  
Simultaneous confidence level = 95,00%

PH\_SM = 12 subtracted from:

PH_SM	Lower	Center	Upper
18	0,00518	0,01294	0,02069

Gambar 7

### 8. Uji Rata2 Service Level pd FE st.dev 10 (Vs FI)

#### One-way ANOVA: service level\_stdev10 versus FI\_stdev10

Source	DF	SS	MS	F	P
FI_stdev10	1	0,000330	0,000330	1,15	0,285
Error	106	0,030359	0,000286		
Total	107	0,030690			

S = 0,01692 R-Sq = 1,08% R-Sq(adj) = 0,14%  
Individual 95% CIs For Mean Based on Pooled StDev

Level	N	Mean	StDev
4	54	0,97253	0,01704
7	54	0,96903	0,01680

Pooled StDev = 0,01692

Fisher 95% Individual Confidence Intervals  
All Pairwise Comparisons among Levels of FI\_stdev10  
Simultaneous confidence level = 95,00%

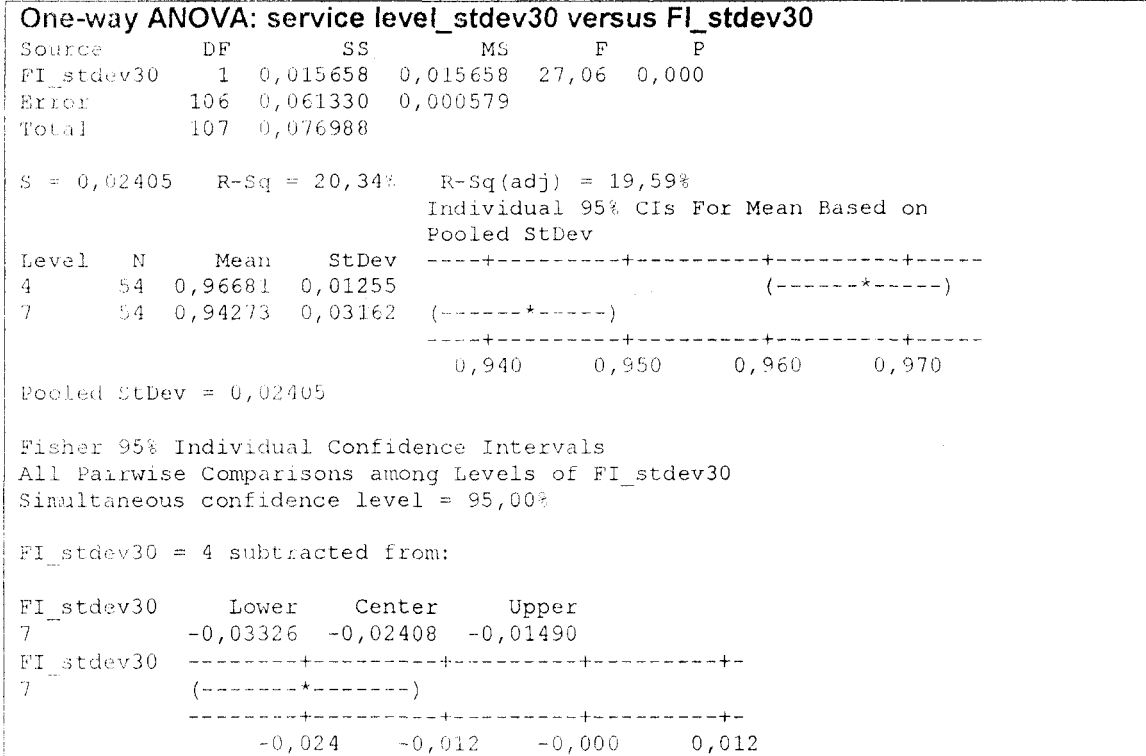
FI\_stdev10 = 4 subtracted from:

FI_stdev10	Lower	Center	Upper
7	-0,00996	-0,00350	0,00296

Gambar 8

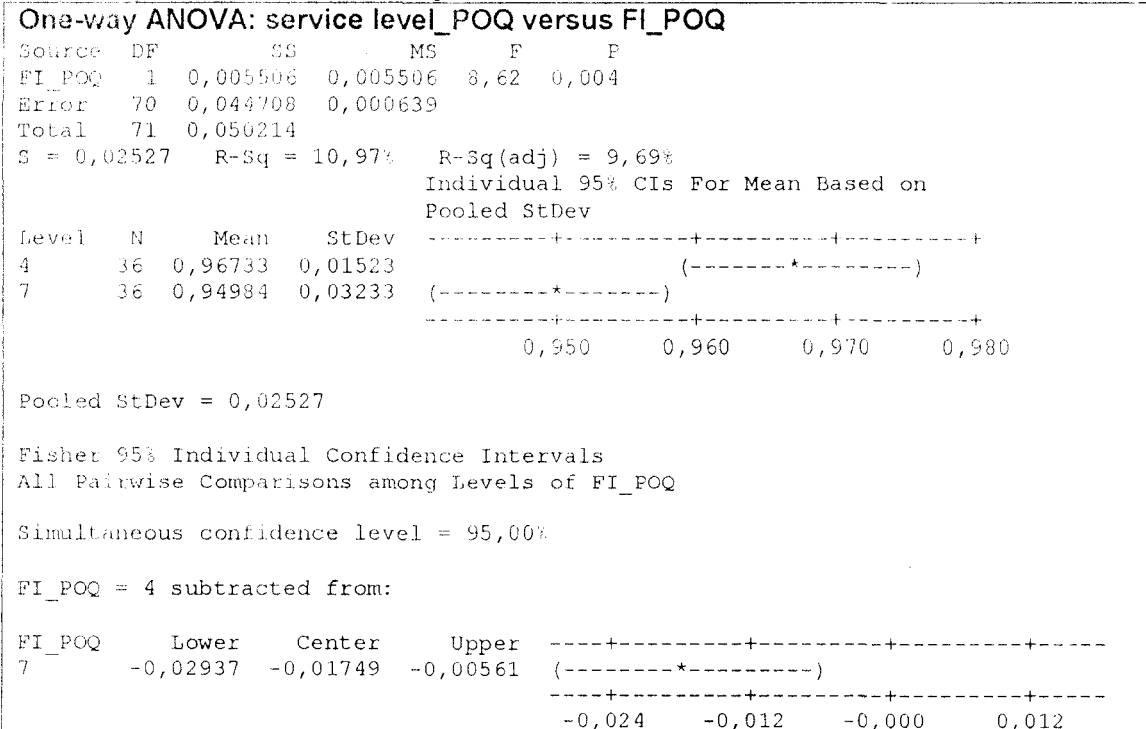


9. Uji Rata2 Service Level pd FE st.dev 10 (Vs FI)



Gambar 9

10. Uji Rata2 Service Level pd LS POQ (Vs FI)



Gambar 10

### 11. Uji Rata2 Service Level pd LS LTC (Vs FI)

#### One-way ANOVA: service level\_LTC versus FI\_LTC

Source	DF	SS	MS	F	P
FI_LTC	1	0,002155	0,002155	4,11	0,046
Error	70	0,036684	0,000524		
Total	71	0,038838			

S = 0,02289 R-Sq = 5,55% R-Sq(adj) = 4,20%  
 Individual 95% CIs For Mean Based on Pooled StDev

Level	N	Mean	StDev	CI
4	36	0,96266	0,01647	(-----*-----)
7	36	0,95172	0,02787	(-----*-----)

0,9450    0,9520    0,9590    0,9660

Pooled StDev = 0,02289

Fisher 95% Individual Confidence Intervals  
 All Pairwise Comparisons among Levels of FI\_LTC

Simultaneous confidence level = 95,00%  
 FI\_LTC = 4 subtracted from:

FI_LTC	Lower	Center	Upper	CI
7	-0,02170	-0,01094	-0,00018	(-----*-----)

-0,020    -0,010    0,000    0,010

Gambar 11

### 12. Uji Rata2 Service Level pd LS SM (Vs FI)

#### One-way ANOVA: service level\_SM versus FI\_SM

Source	DF	SS	MS	F	P
FI_SM	1	0,003014	0,003014	11,08	0,001
Error	70	0,019047	0,000272		
Total	71	0,022061			

S = 0,01650 R-Sq = 13,66% R-Sq(adj) = 12,43%  
 Individual 95% CIs For Mean Based on Pooled StDev

Level	N	Mean	StDev	CI
4	36	0,97902	0,00736	(-----*-----)
7	36	0,96608	0,02214	(-----*-----)

0,9660    0,9720    0,9780    0,9840

Pooled StDev = 0,01650

Fisher 95% Individual Confidence Intervals  
 All Pairwise Comparisons among Levels of FI\_SM

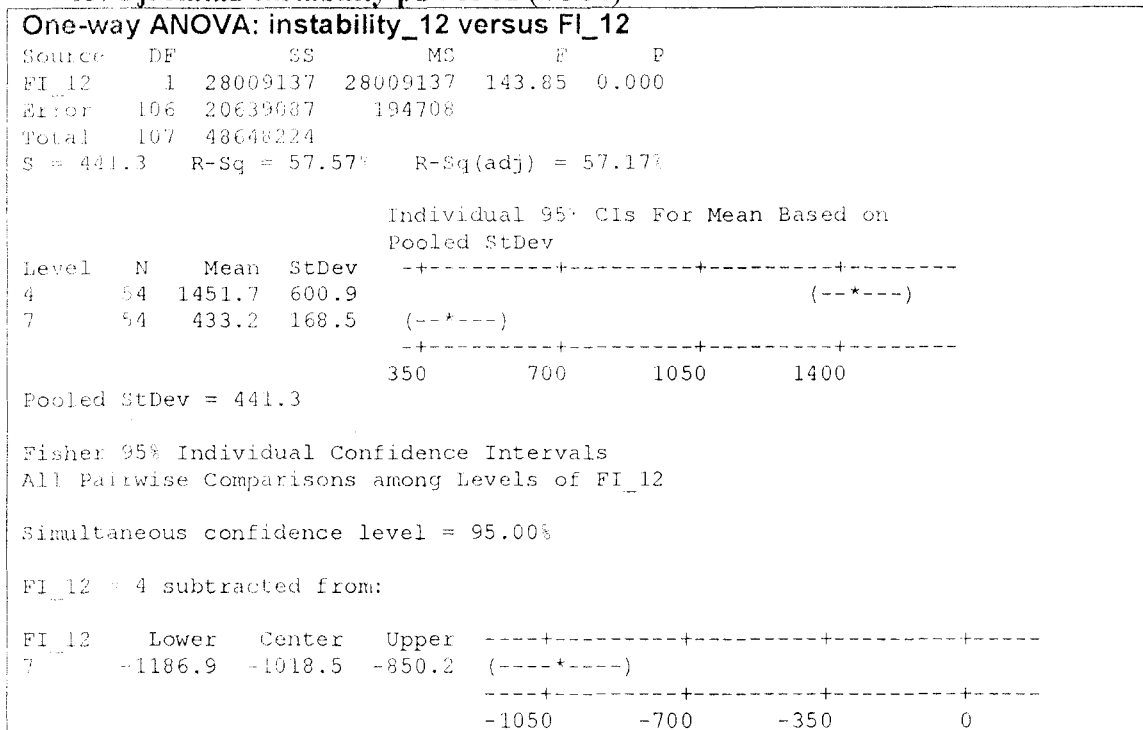
Simultaneous confidence level = 95,00%  
 FI\_SM = 4 subtracted from:

FI_SM	Lower	Center	Upper	CI
7	-0,02069	-0,01294	-0,00518	(-----*-----)

-0,0160    -0,0080    0,0000    0,0080

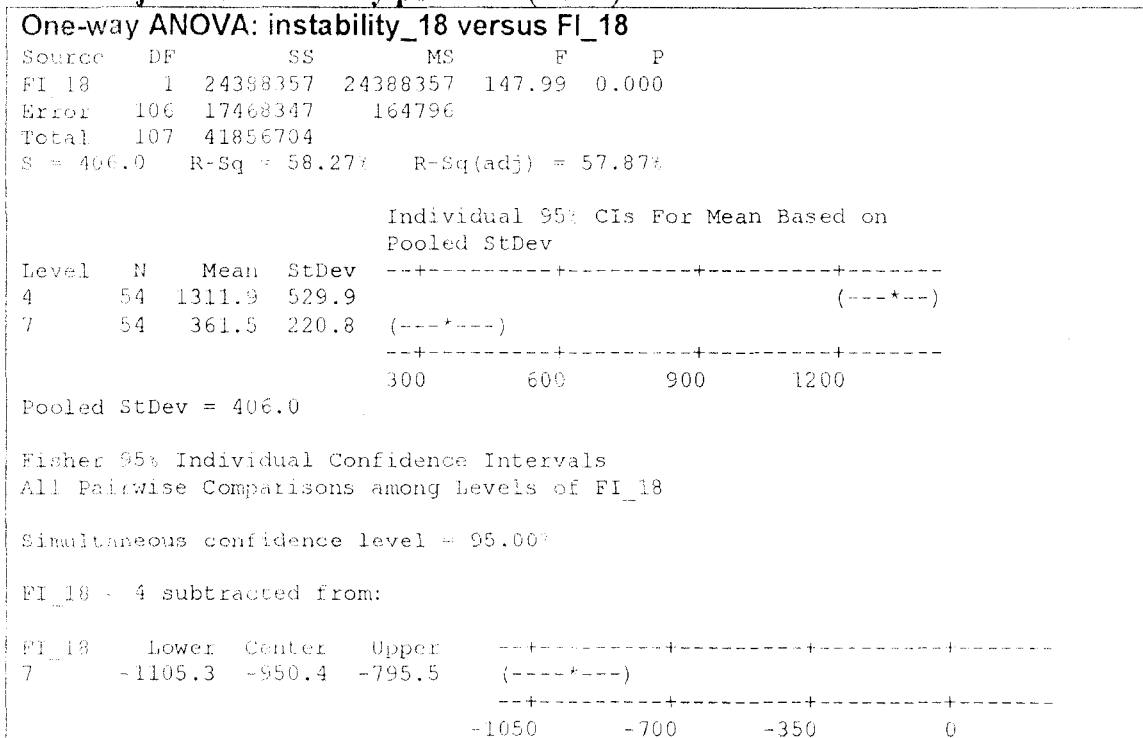
Gambar 12

### 13. Uji Rata2 Instability pd PH 12 (Vs FI)



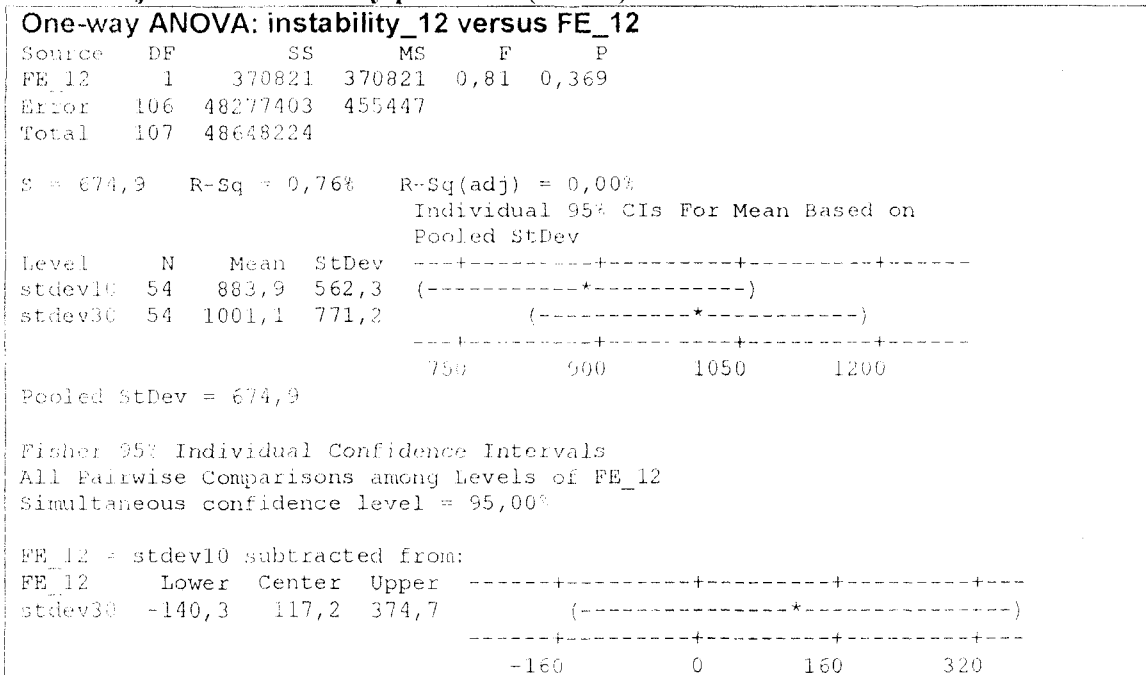
Gambar 13

### 14. Uji Rata2 Instability pd PH 18 (Vs FI)



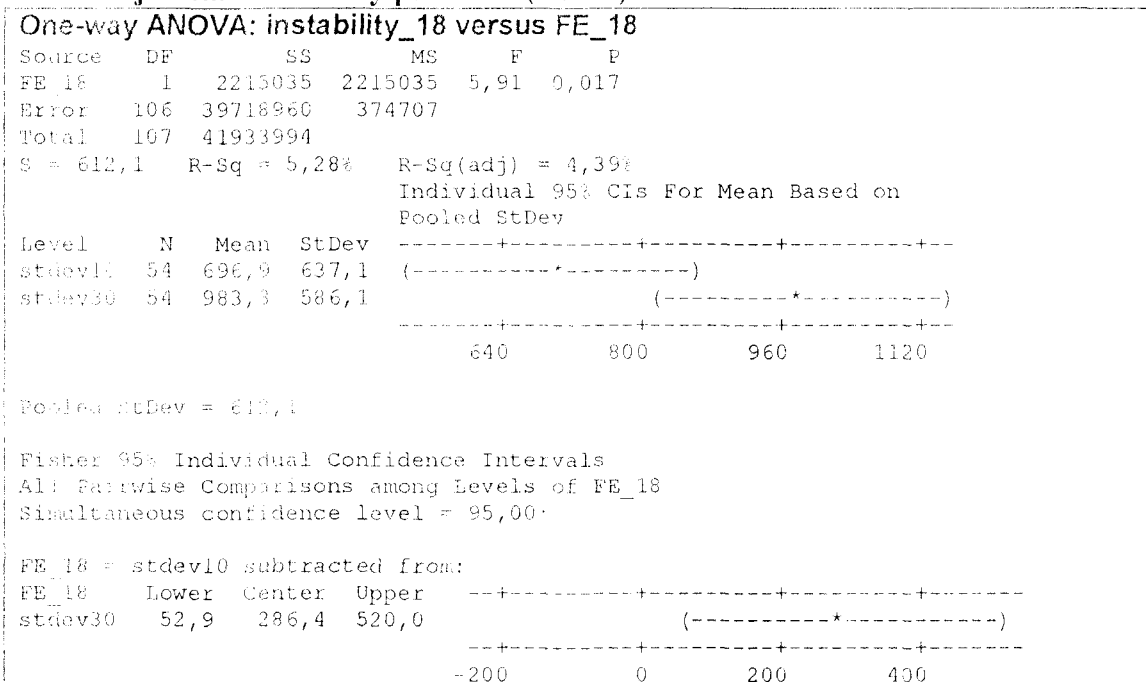
Gambar 14

15. Uji Rata2 Instability pd PH 12 (Vs FE)



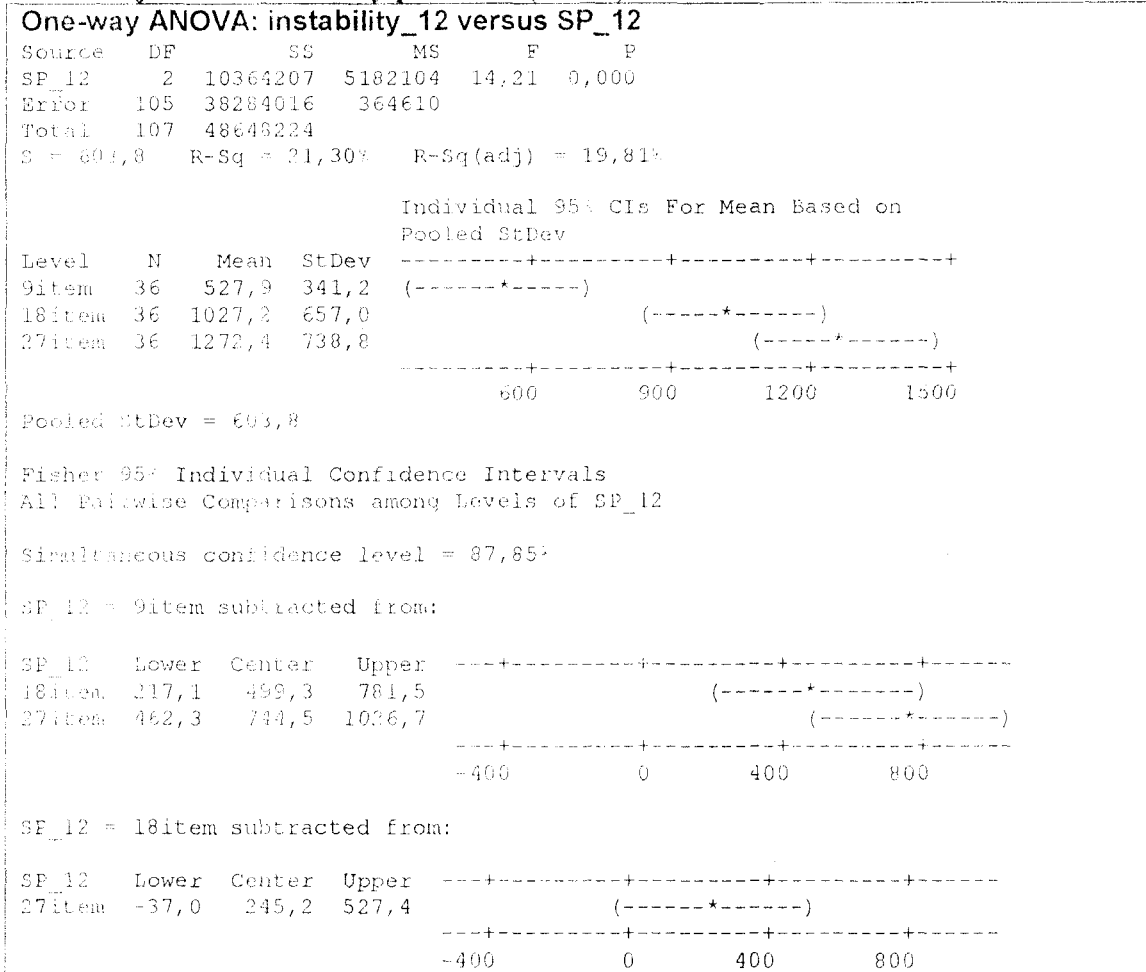
Gambar 15

16. Uji Rata2 Instability pd PH 18 (Vs FE)



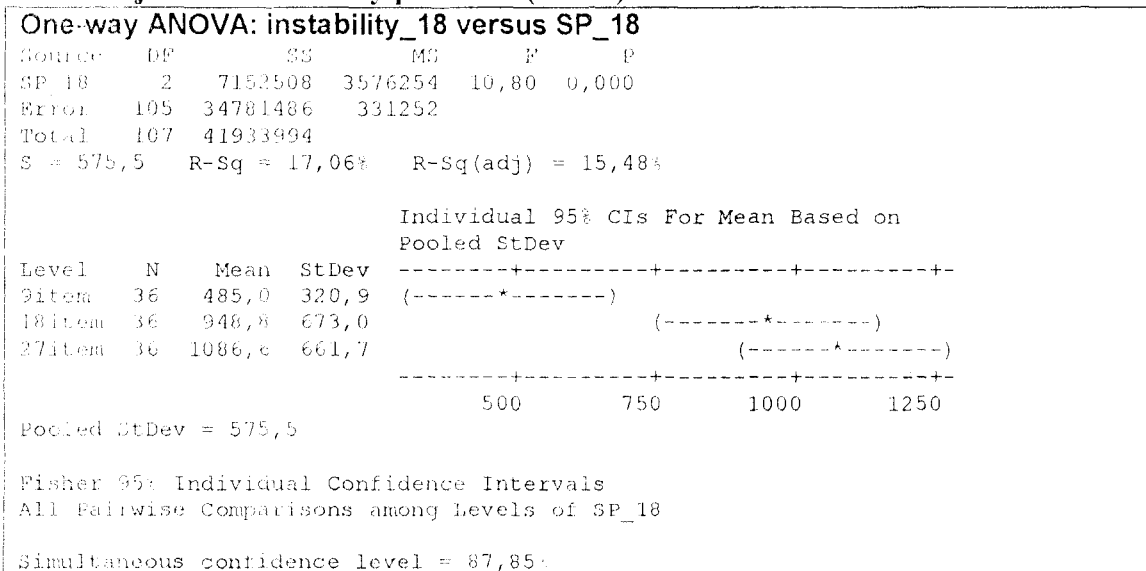
Gambar 16

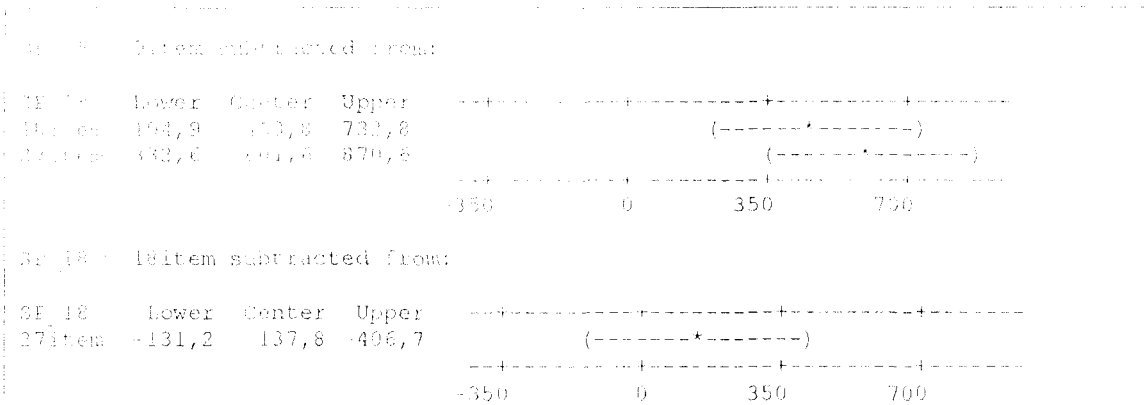
**17. Uji Rata2 Instability pd PH 12 (Vs SP)**



Gambar 17

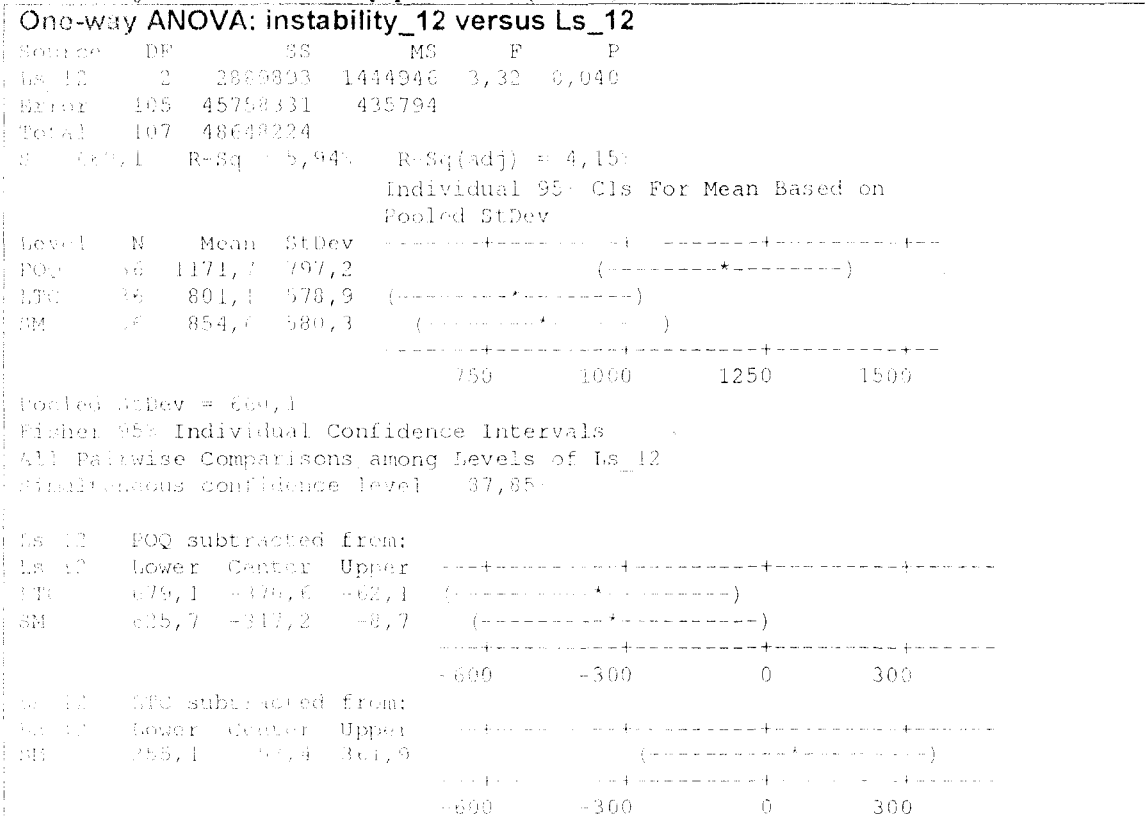
**18. Uji Rata2 Instability pd PH 18 (Vs SP)**





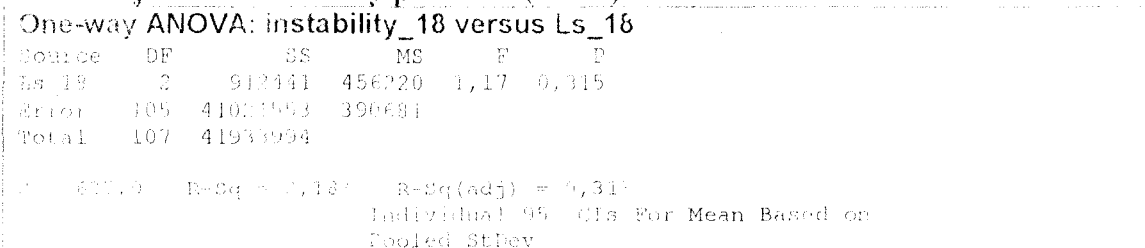
Gambar 18

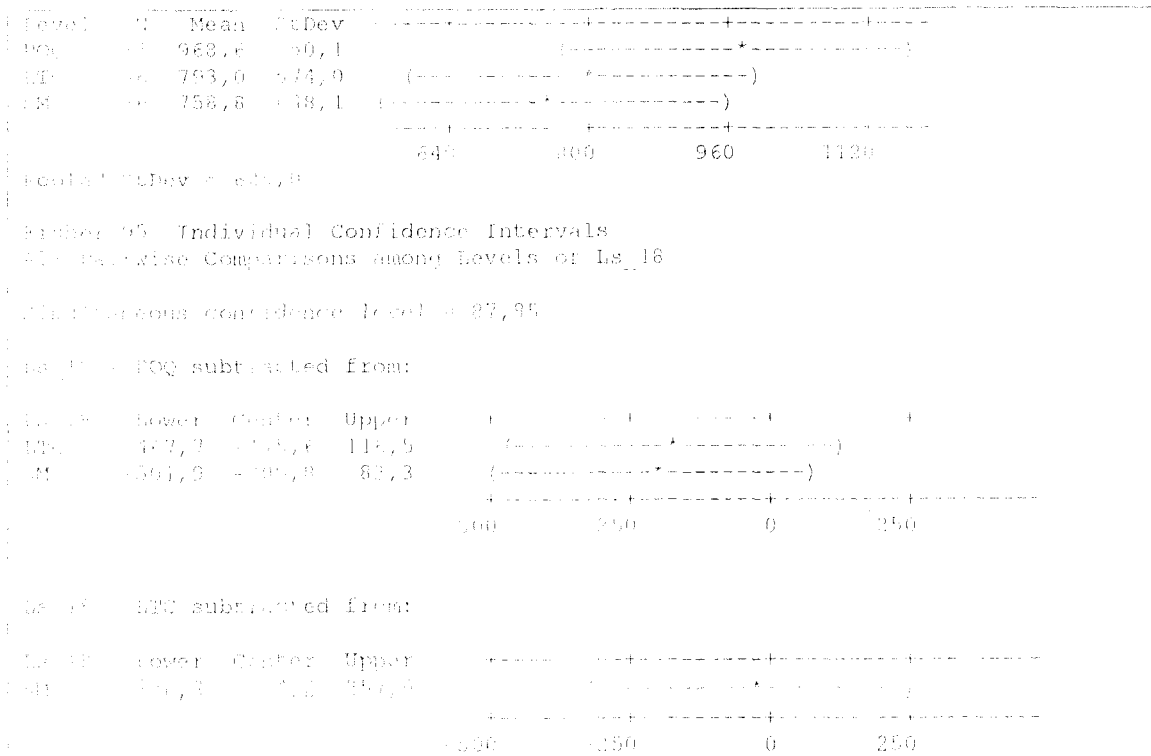
### 19. Uji Rata2 Instability pd PH 12 (Vs Ls)



Gambar 19

### 20. Uji Rata2 Instability pd PH 18 (Vs Ls)

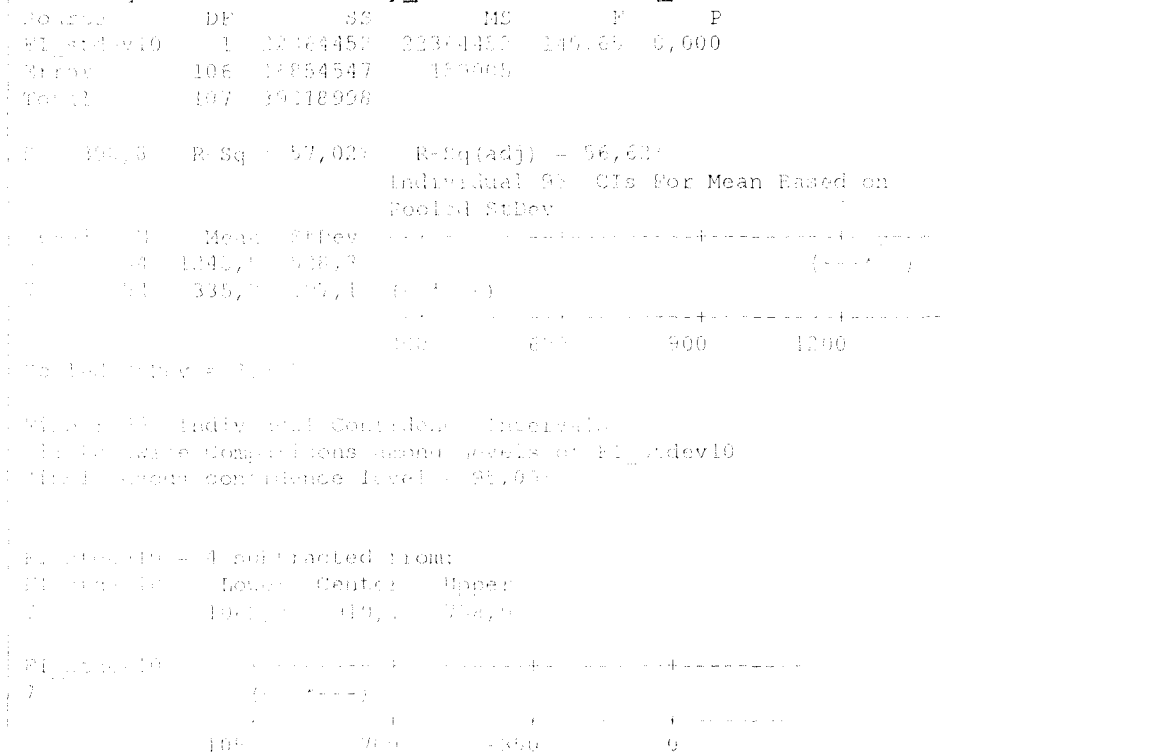




Gambar 20

### 21. Uji Rata2 Instability pd FE st.dev 10 (Vs FI)

#### One-way ANOVA: instability\_stdev10 versus FI\_stdev10



Gambar 21

## 22. Uji Rata2 Instability pd BE st.dev 30 (Vs FI)

### One-way ANOVA: instability\_stdev30 versus FI\_stdev30

Source	DF	SS	MS	F	P
FI_stdev30	3	1980618e	3000618e	189,65	0,000
Error	104	15123477	145419		
Total	107	17104084			

S = 121,7 R Sq = 61,95% R Sq(Adj) = 61,18%  
Individual 95% CIs For Mean Based on Pooled StDev

Level	N	Mean	StDev	Lower	Upper
1	34	1524,1	572,4		(---*---)
2	34	459,1	182,2		(---*---)
3	34	1050,0	499,9		(---*---)
4	34	1499,9	1499,9		(---*---)

Pooled StDev = 121,7

Figure 95: Individual Confidence Intervals  
All Pairwise Comparisons among Levels of FI\_stdev30

Simultaneous confidence level = 95,00%

FI\_stdev30 = 4 subtracted from:

FI_stdev30	Lower	Center	Upper
1	-1060	-700	-350
2	-1060	-700	-350
3	-1060	-700	-350
4	-1060	-700	-350

Gambar 22

## 23. Uji Rata2 Instability pd SP 9 item (Vs FI)

### One-way ANOVA: instability\_9item versus FI\_9item

Source	DF	SS	MS	F	P
FI_9item	3	5581017	1861017	183,44	0,000
Error	70	7111114	10159		
Total	73	12692131			

S = 101,3 R Sq = 71,90% R Sq(Adj) = 71,58%  
Individual 95% CIs For Mean Based on Pooled StDev

Level	N	Mean	StDev	Lower	Upper
1	24	784,0	736,0		(---*---)
2	24	228,0	203,3		(---*---)
3	24	400,0	400,0		(---*---)

Pooled StDev = 101,3

Figure 95: Individual Confidence Intervals  
All Pairwise Comparisons among Levels of FI\_9item

Simultaneous confidence level = 95,00%

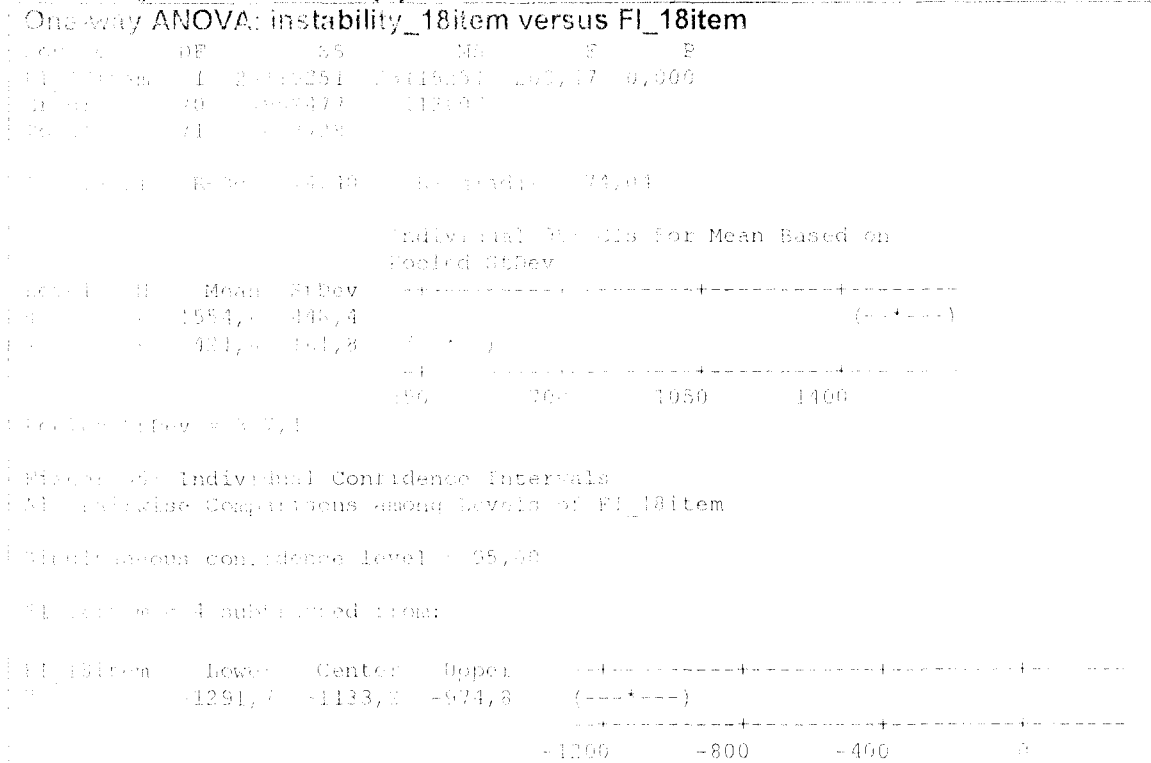
FI\_9item = 4 subtracted from:

FI_9item	Lower	Center	Upper
1	-638,9	-556,9	-474,9
2	-638,9	-556,9	-474,9
3	-638,9	-556,9	-474,9

Gambar 23

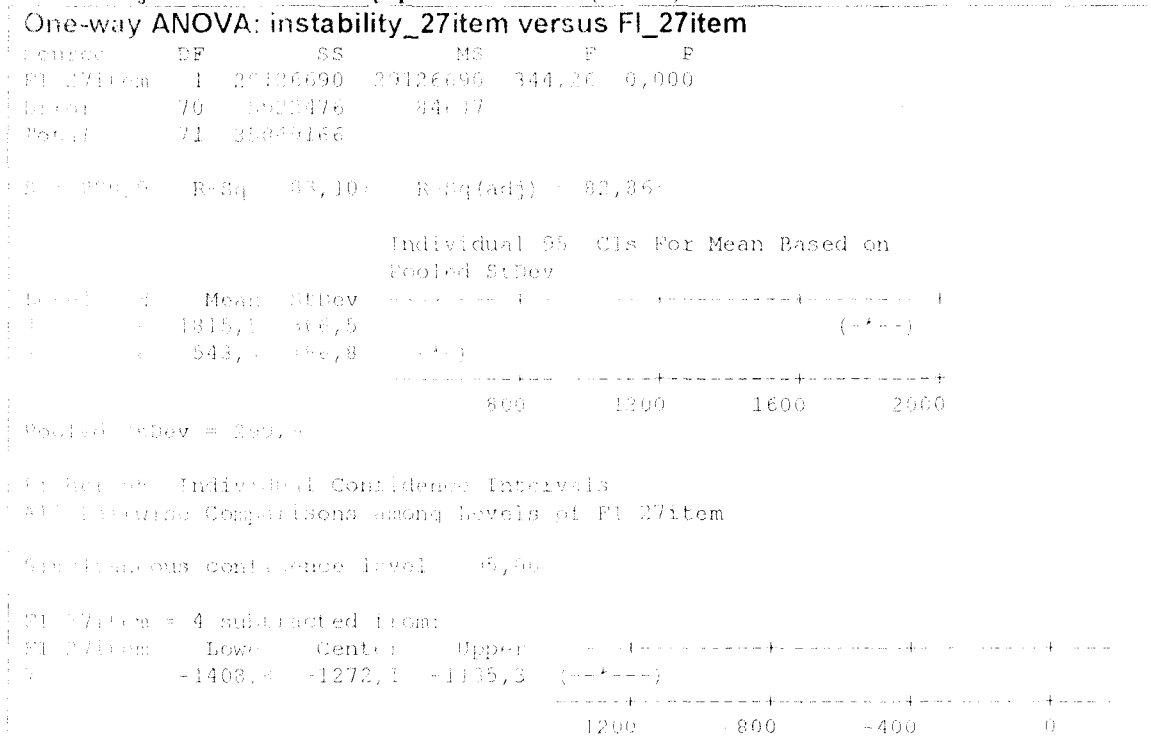


24. Uji Rata2 Instability pd SP 18 item (Vs FI)



Gambar 24

25. Uji Rata2 Instability pd SP 27 item (Vs FI)



Gambar 25

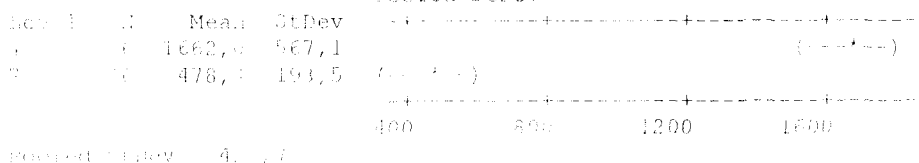
26. Uji Rata2 instability pd LS POQ (Vs FI)

One-way ANOVA: instability\_POQ versus FI\_POQ

Source	DF	SS	MS	F	P
FI_POQ	1	25215093	25215093	140,47	0,000
Error	70	12565255	179512		
Total	71	37780348			

R-Sq = 86,74%      R-Sq(adj) = 86,27%

Individual 95% CIs For Mean Based on Pooled StDev



Pooled StDev = 422,7

Signif. 95% Individual Confidence Intervals

All Pairwise Comparisons among Levels of FI\_POQ

Simultaneous confidence level = 95,00%

FI\_POQ = 4 subtracted from:



Gambar 26

27. Uji Rata2 instability pd LS LTC (Vs FI)

One-way ANOVA: instability\_LTC versus FI\_LTC

Source	DF	SS	MS	F	P
FI_LTC	1	15103723	15103723	125,62	0,000
Error	70	8150758	116518		
Total	71	23254482			

R-Sq = 86,93%      R-Sq(adj) = 86,43%

Individual 95% CIs For Mean Based on Pooled StDev



Pooled StDev = 362,7

Signif. 95% Individual Confidence Intervals

All Pairwise Comparisons among Levels of FI\_LTC

Simultaneous confidence level = 95,00%

FI\_LTC = 4 subtracted from:



Gambar 27

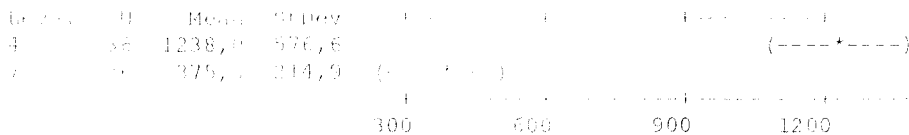
## 28. Uji Rata2 Instability pd LS SM (Vs FI)

### One-way ANOVA: instability\_SM versus FI\_SM

Source	DF	SS	MS	F	P
FI_SM	4	13394729	3348682	70,74	0,000
Error	76	13254107	174409		
Total	80	26648836			

R-sq = 50,31 R-sq(adj) = 49,55

Individual 95% CIs For Mean Based on Pooled StDev



Pooled StDev = 415,1

Fisher 95% Individual Confidence Intervals

All Pairwise Comparisons among Levels of FI\_SM

Simultaneous confidence level = 95,00

FI\_SM = 1 subtracted from:



Gambar 28

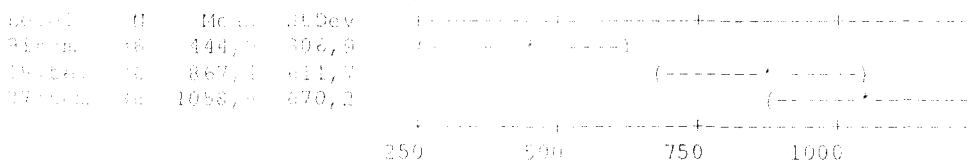
## 29. Uji Rata2 Instability pd Stdev 10 (Vs SP)

### One-way ANOVA: instability\_stdev10 versus SP\_stdev10

Source	DF	SS	MS	F	P
SP_stdev10	2	7106554	3553277	11,10	0,000
Error	195	6112440	31346		
Total	197	13218994			

R-sq = 50,72 R-sq(adj) = 49,50

Individual 95% CIs For Mean Based on Pooled StDev



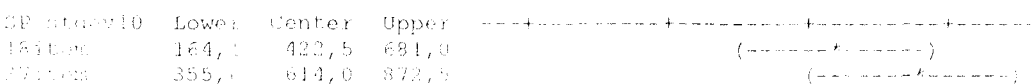
Pooled StDev = 511,0

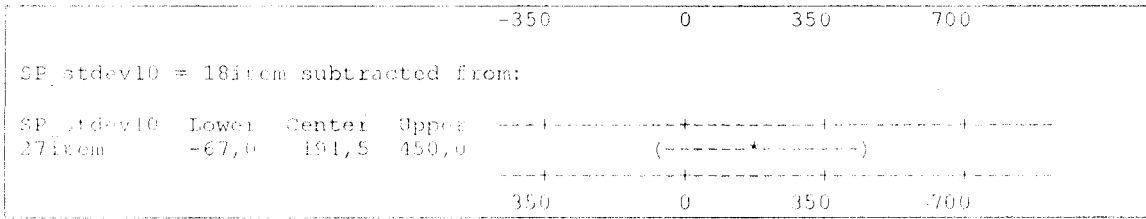
Fisher 95% Individual Confidence Intervals

All Pairwise Comparisons among Levels of SP\_stdev10

Simultaneous confidence level = 97,95

SP\_stdev10 = 910 subtracted from:





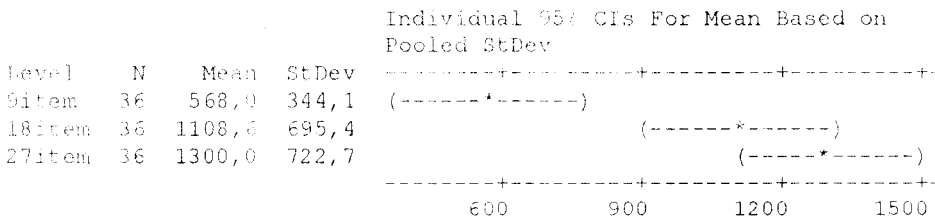
Gambar 29

### 30. Uji Rata2 Instability pd Stdev 30 (Vs SP)

#### One-way ANOVA: instability\_stdev30 versus SP\_stdev30

Source	DF	SS	MS	F	P
SP_stdev30	2	19378230	5189115	13,85	0,000
Error	105	39351433	374776		
Total	107	19729663			

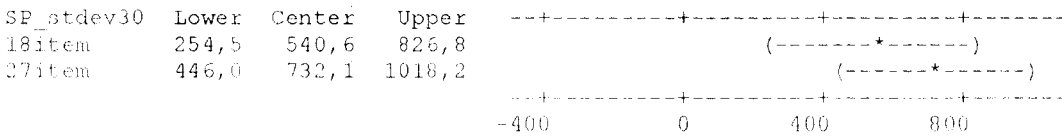
S = 612,2 R-Sq = 20,87% R-Sq(adj) = 19,36%



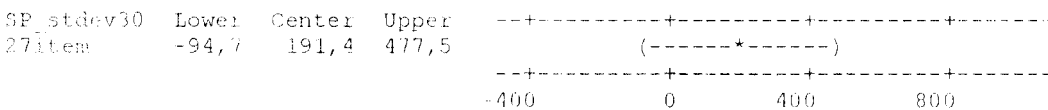
Fisher 95% Individual Confidence Intervals  
All Pairwise Comparisons among Levels of SP\_stdev30

Simultaneous confidence level 87,85%

SP\_stdev30 = 9item subtracted from:

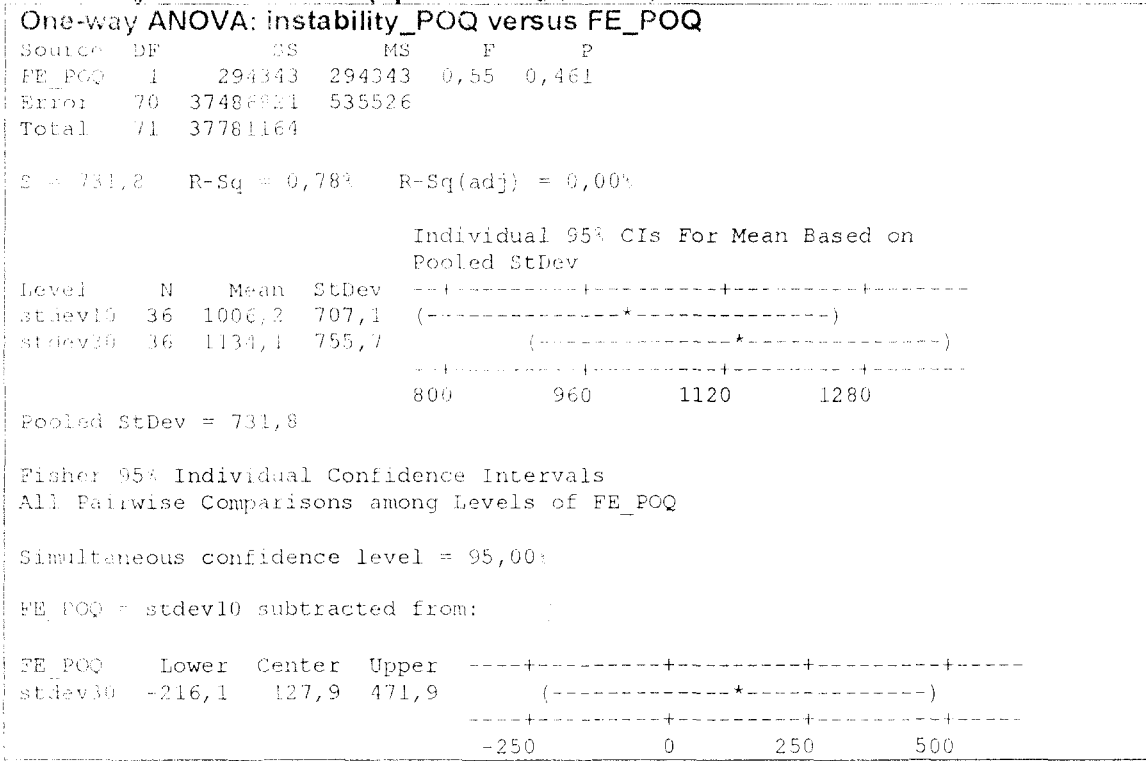


SP\_stdev30 = 18item subtracted from:



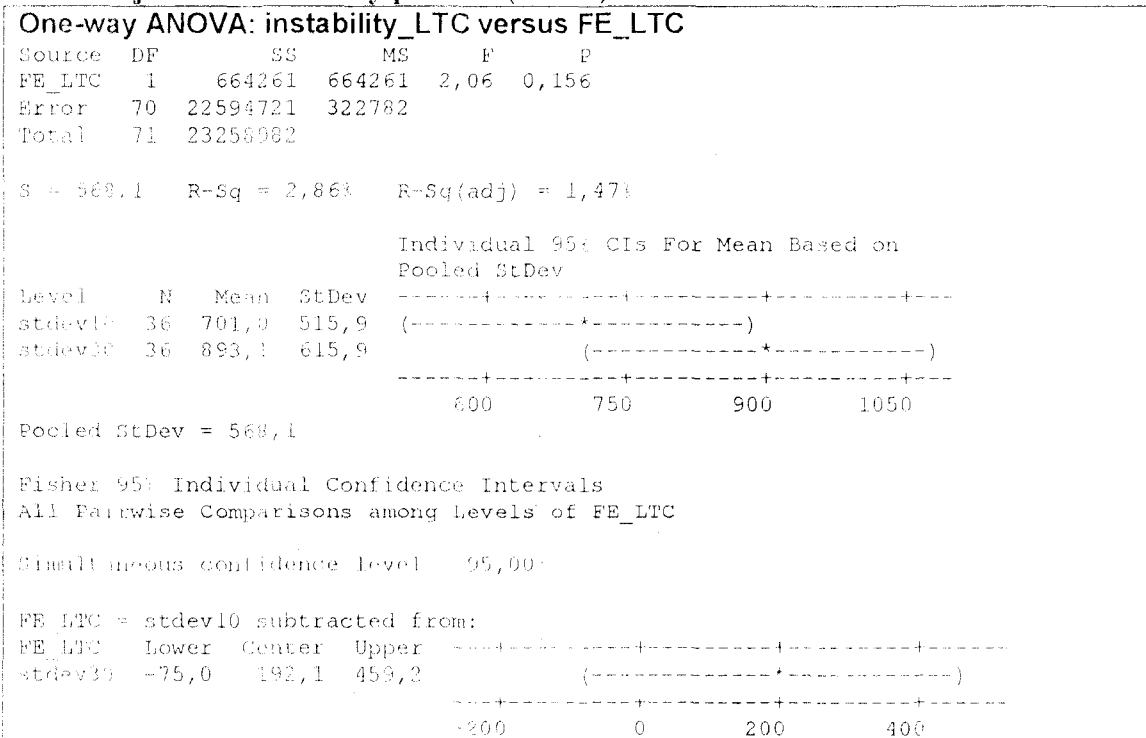
Gambar 30

### 31. Uji Rata2 Instability pd LS POQ (Vs FE)



Gambar 31

### 32. Uji Rata2 Instability pd LTC (Vs FE)



Gambar 32

### 33. Uji Rata2 Instability pd Ls SM (Vs FE)

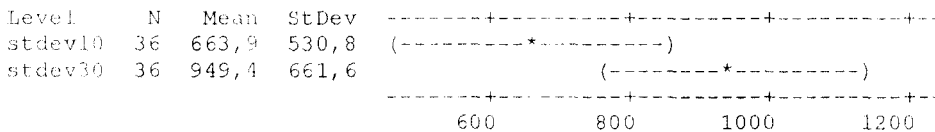
#### One-way ANOVA: instability\_SM versus FE\_SM

Source	DF	SS	MS	F	P
FE_SM	1	1466619	1466619	4,08	0,047
Error	70	25182213	359746		
Total	71	26648832			

S = 599,8 R-Sq = 5,50%

R-Sq(adj) = 4,15%

Individual 95% CIs For Mean Based on Pooled StDev



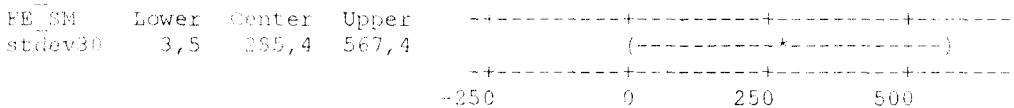
Pooled StDev = 599,8

Fisher 95% Individual Confidence Intervals

All Pairwise Comparisons among Levels of FE\_SM

Simultaneous confidence level = 95,00%

FE\_SM = stdev10 subtracted from:



Gambar 33

### 34. Uji Rata2 Instability pd SP 9 item (Vs LS)

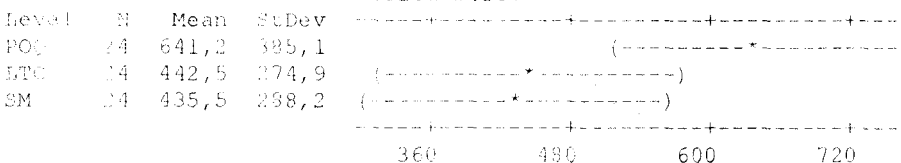
#### One-way ANOVA: instability\_9item versus Ls\_9item

Source	DF	SS	MS	F	P
Ls_9item	2	694715	347357	3,20	0,047
Error	69	7058816	102302		
Total	71	7713531			

S = 319,8 R-Sq = 3,49%

R-Sq(adj) = 5,84%

Individual 95% CIs For Mean Based on Pooled StDev



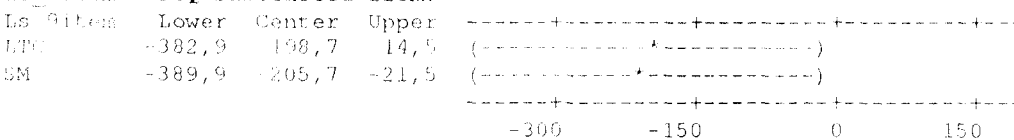
Pooled StDev = 319,8

Fisher 95% Individual Confidence Intervals

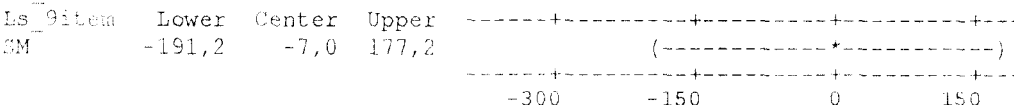
All Pairwise Comparisons among Levels of Ls\_9item

Simultaneous confidence level = 87,89%

Ls\_9item = POQ subtracted from:

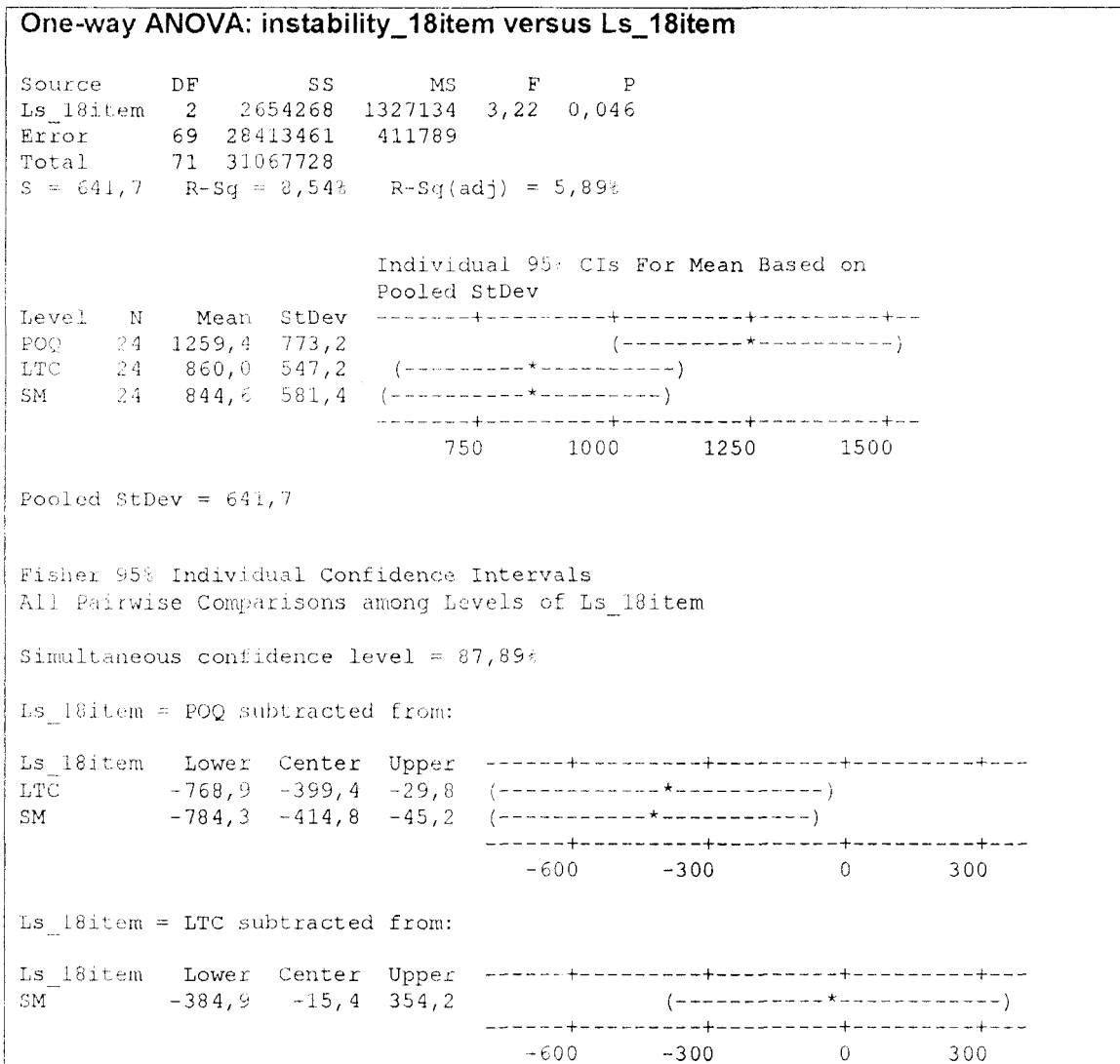


Ls\_9item = LTC subtracted from:



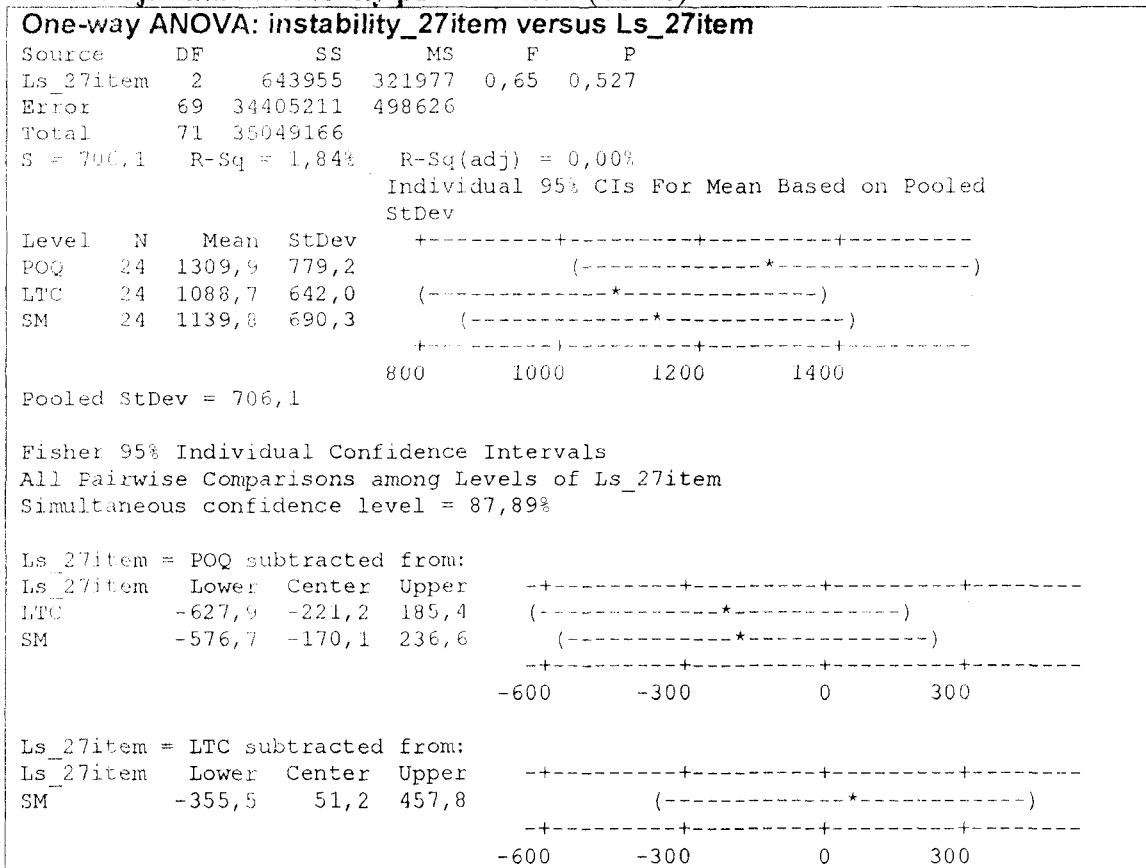
Gambar 34

### 35. Uji Rata2 Instability pd SP 18 item (Vs LS)



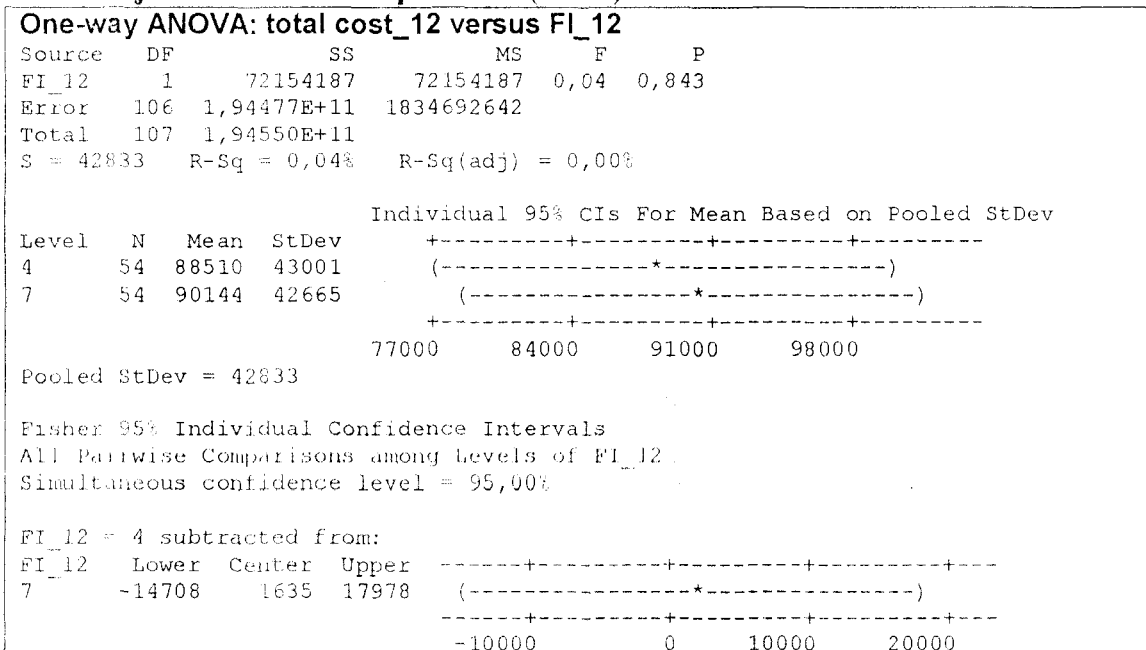
Gambar 35

### 36. Uji Rata2 Instability pd SP 27 item (Vs LS)



Gambar 36

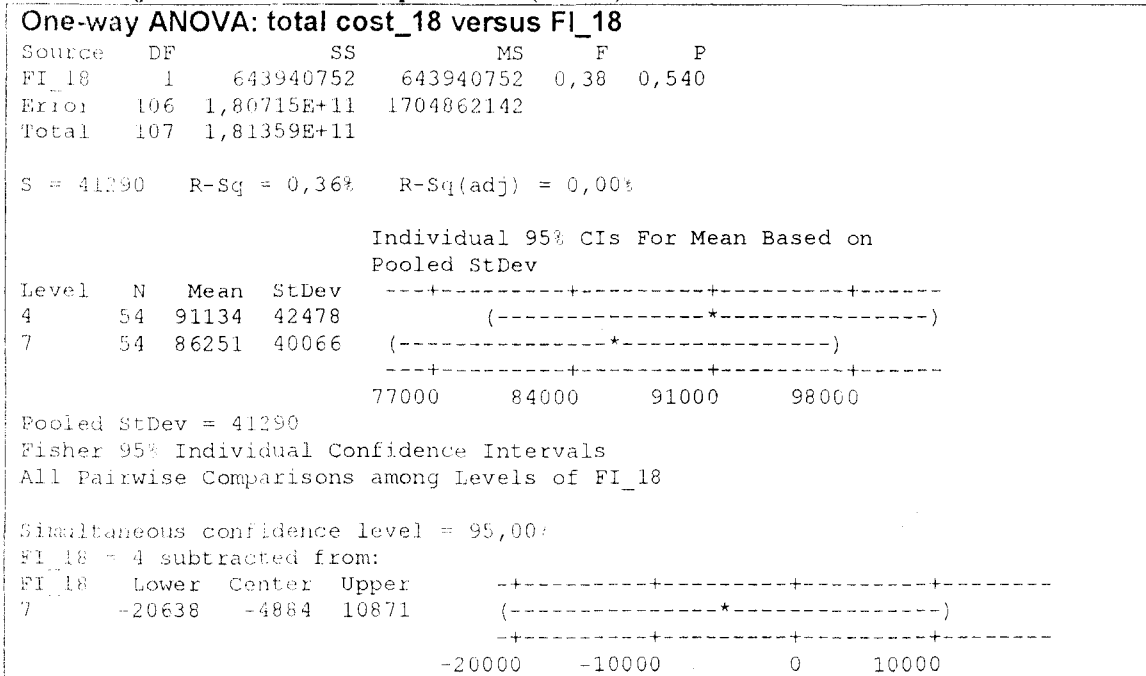
### 37. Uji Rata2 Total Cost pd PH 12 (Vs FI)



Gambar 37

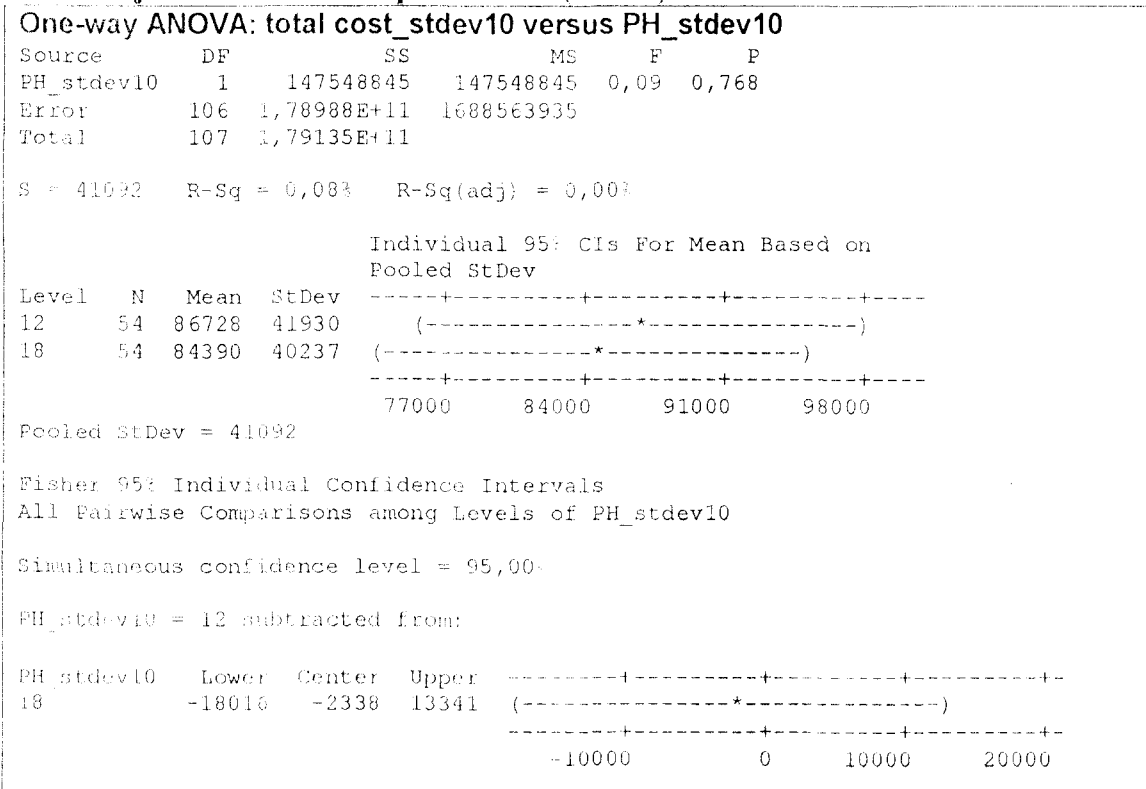


### 38. Uji Rata2 Total Cost pd PH 18 (Vs FI)



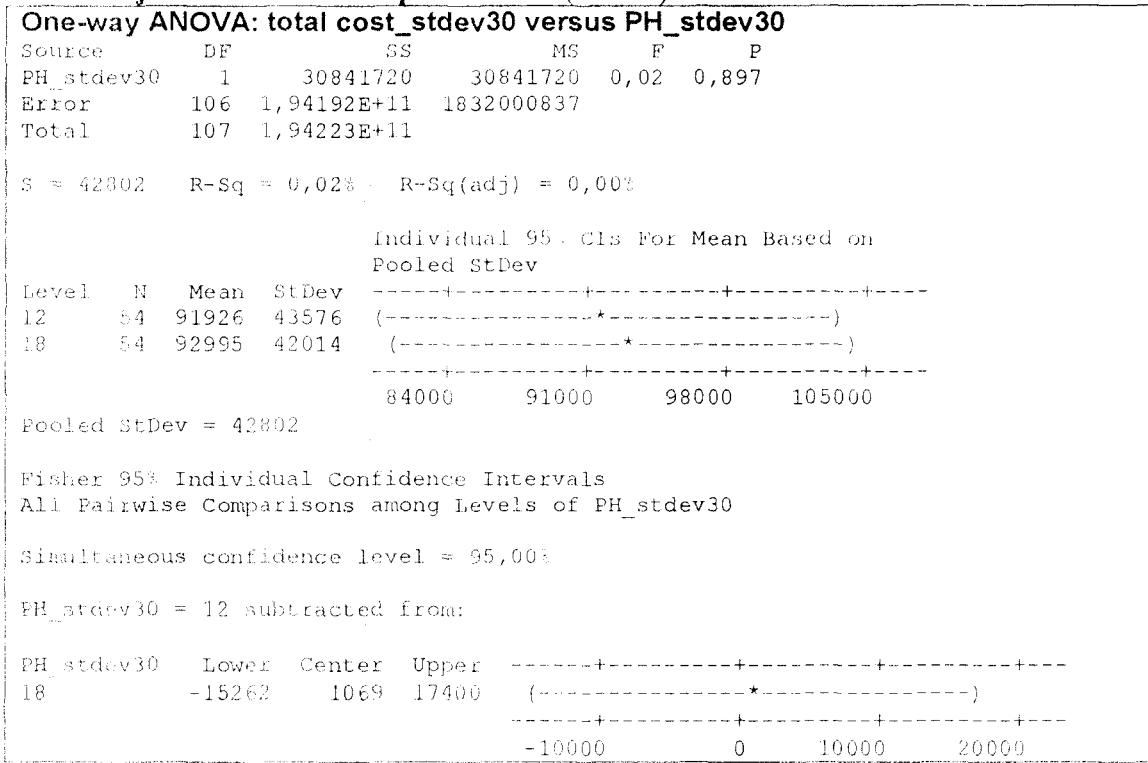
Gambar 38

### 39. Uji Rata2 Total Cost pd st.dev 10 (Vs PH)



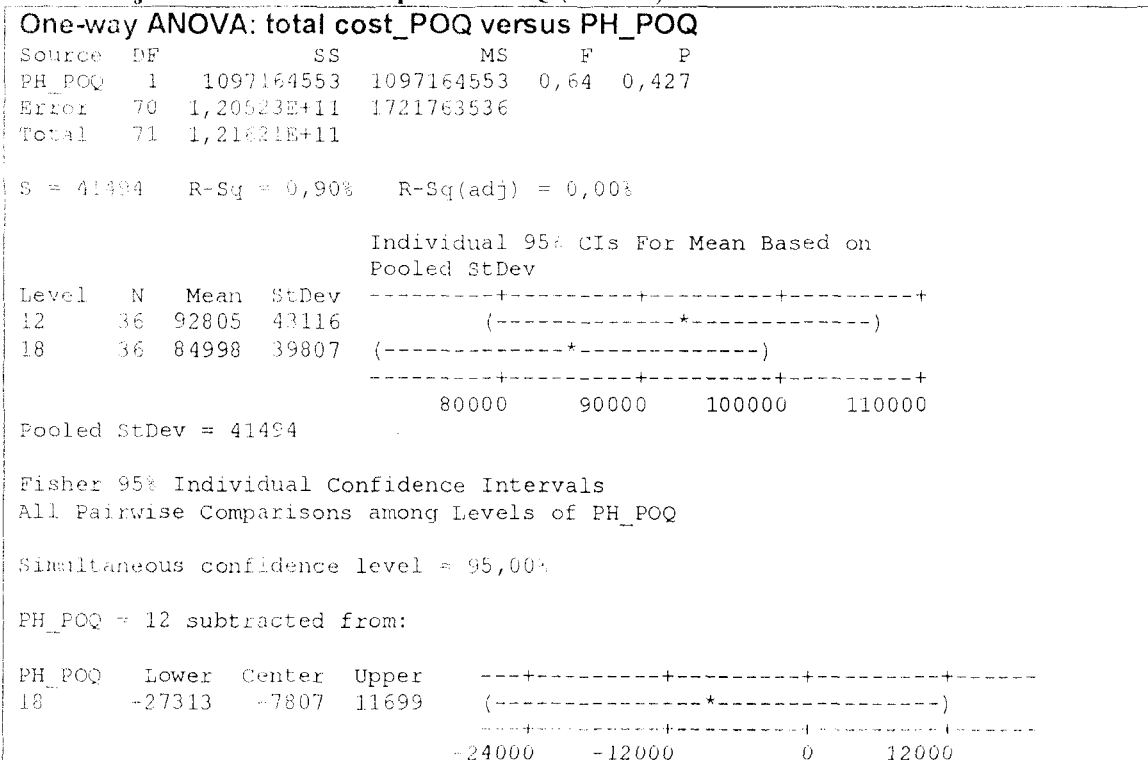
Gambar 39

**40. Uji Rata2 Total Cost pd st.dev 30 (Vs PH)**



Gambar 40

**41. Uji Rata2 Total Cost pd LS POQ (Vs PH)**



Gambar 41

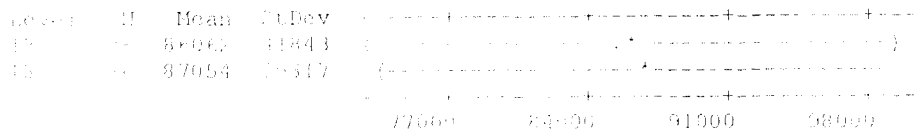
12. Uji Rata2 Total Cost pd LS LTC (Vs PH)

One-way ANOVA: total cost\_LTC versus PH\_LTC

Source	DF	SS	MS	F	P
PH_LTC	1	17603318	17603318	6,51	0,018
Error	75	1,15434011	15391201		
Total	76	1,15434011			

R-Sq = 0,020 R-Sq(adj) = 0,000

Individual 95% CIs For Mean Based on Pooled StDev



Pooled StDev = 5101

Figure 95 Individual Confidence Intervals  
All Pairwise Comparisons among Levels of PH\_LTC

Simultaneous confidence level = 95,00%

PH\_LTC = 12 subtracted from:



Gambar 42

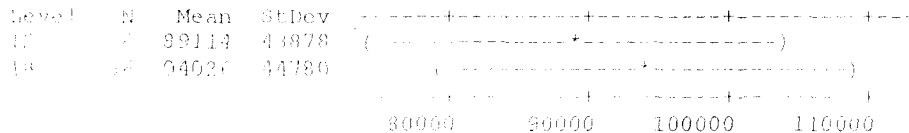
13. Uji Rata2 Total Cost pd LS SM (Vs PH)

One-way ANOVA: total cost\_SM versus PH\_SM

Source	DF	SS	MS	F	P
PH_SM	1	434382900	434382900	0,22	0,640
Error	70	1,37528011	1965270125		
Total	71	1,38003011			

R-Sq = 0,000 R-Sq(adj) = 0,000

Individual 95% CIs For Mean Based on Pooled StDev

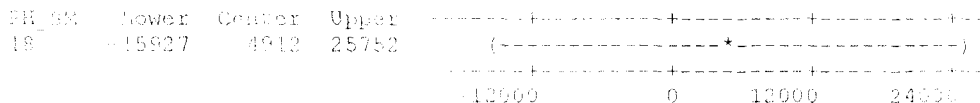


Pooled StDev = 4433

Figure 96 Individual Confidence Intervals  
All Pairwise Comparisons among Levels of PH\_SM

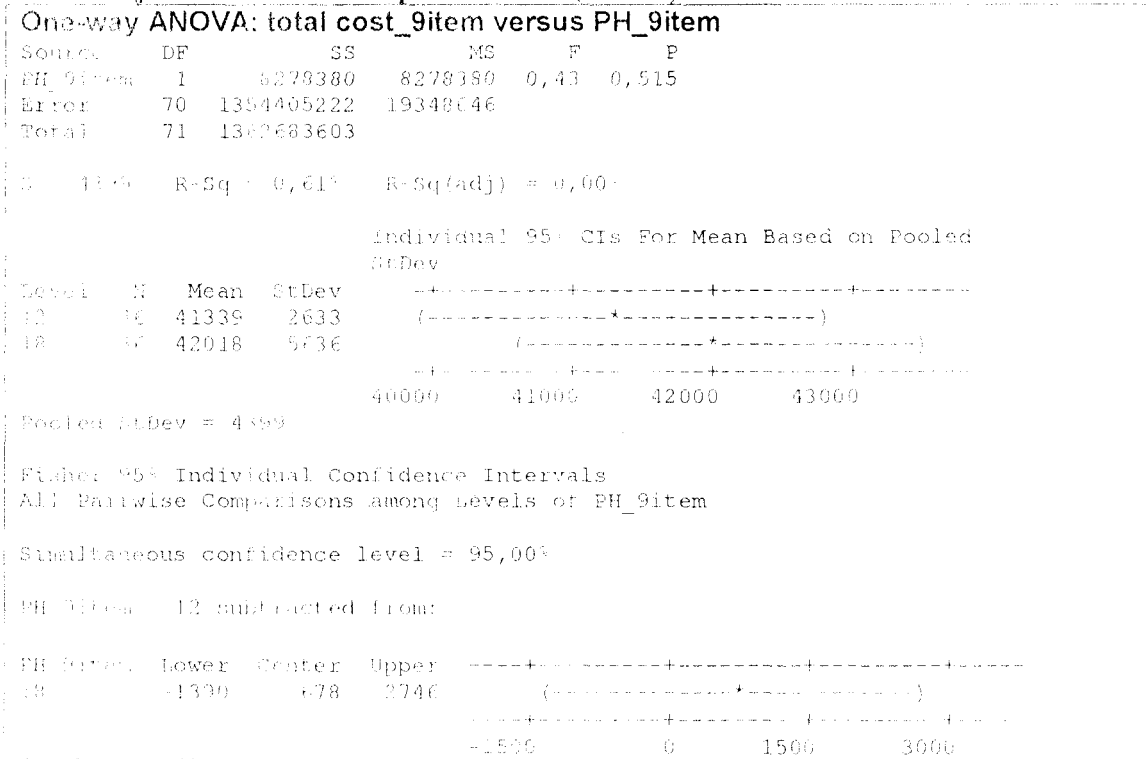
Simultaneous confidence level = 95,00%

PH\_SM = 12 subtracted from:



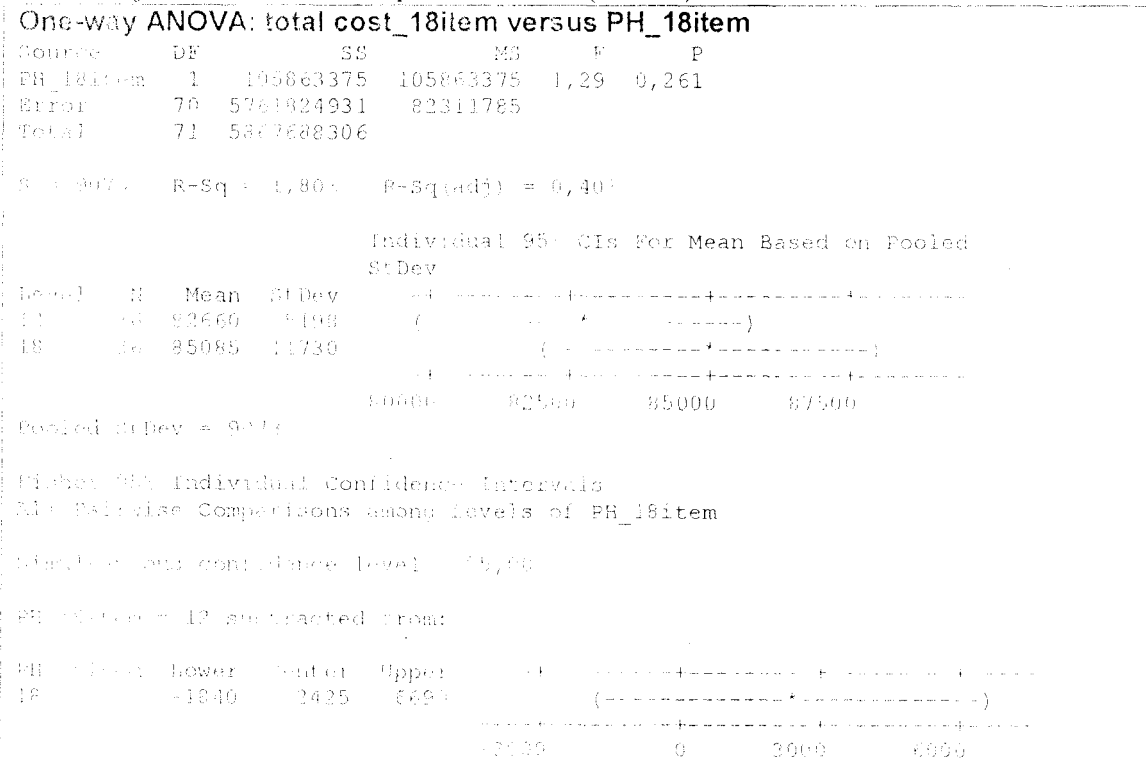
Gambar 43

#### 44. Uji Rata2 Total Cost pd SP 9 item (Vs PH)



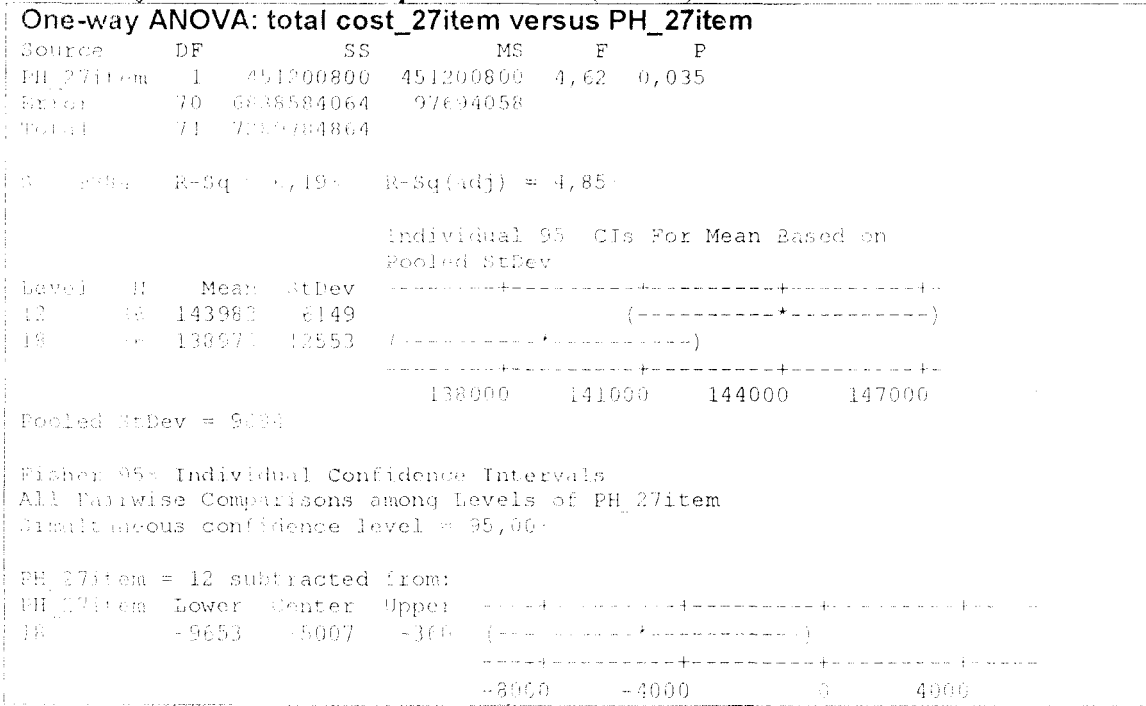
Gambar 44

#### 45. Uji Rata2 Total Cost pd SP 18 item (Vs PH)



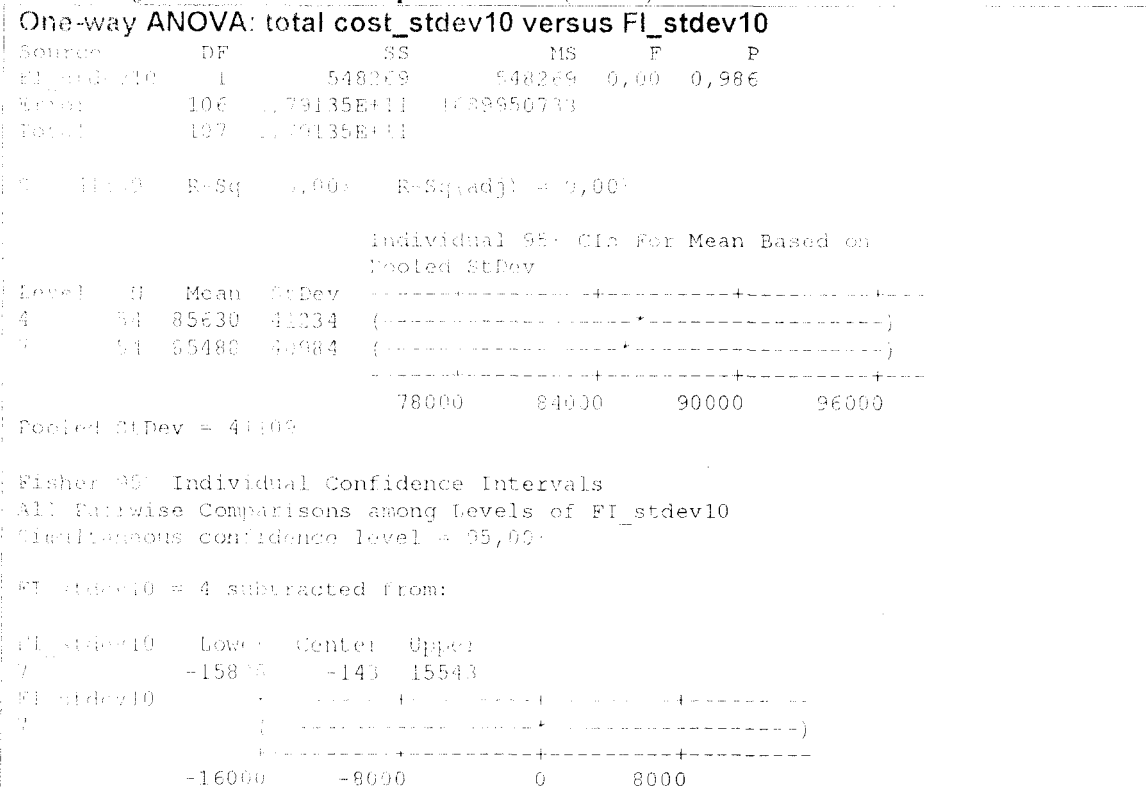
Gambar 45

#### 46. Uji Rata2 Total Cost pd SP 27 item (Vs PH)



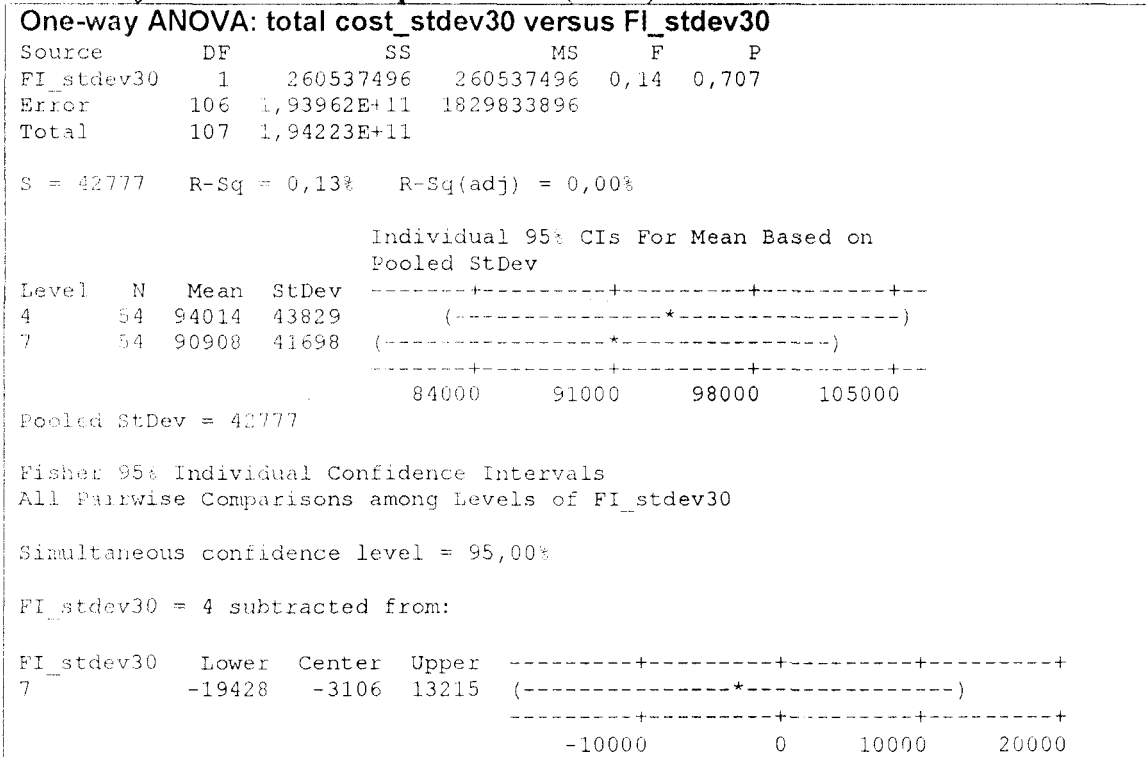
Gambar 46

#### 47. Uji Rata2 Total Cost pd st.dev 10 (Vs FI)



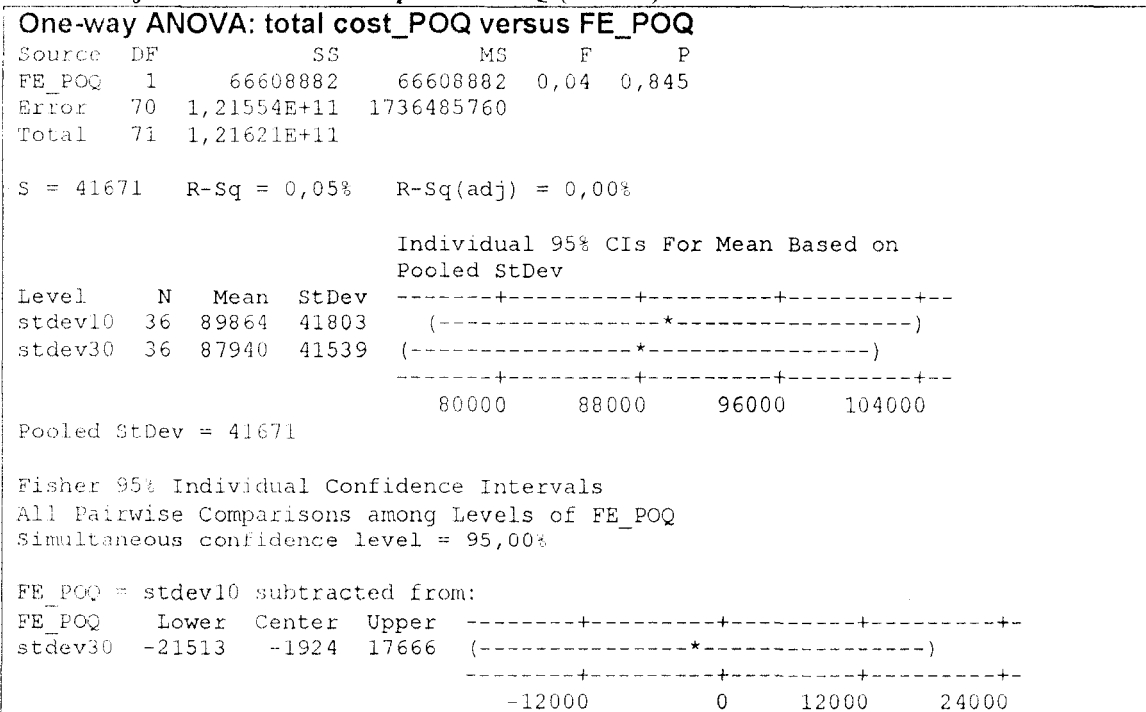
Gambar 47

**48. Uji Rata2 Total Cost pd st.dev 30 (Vs FI)**



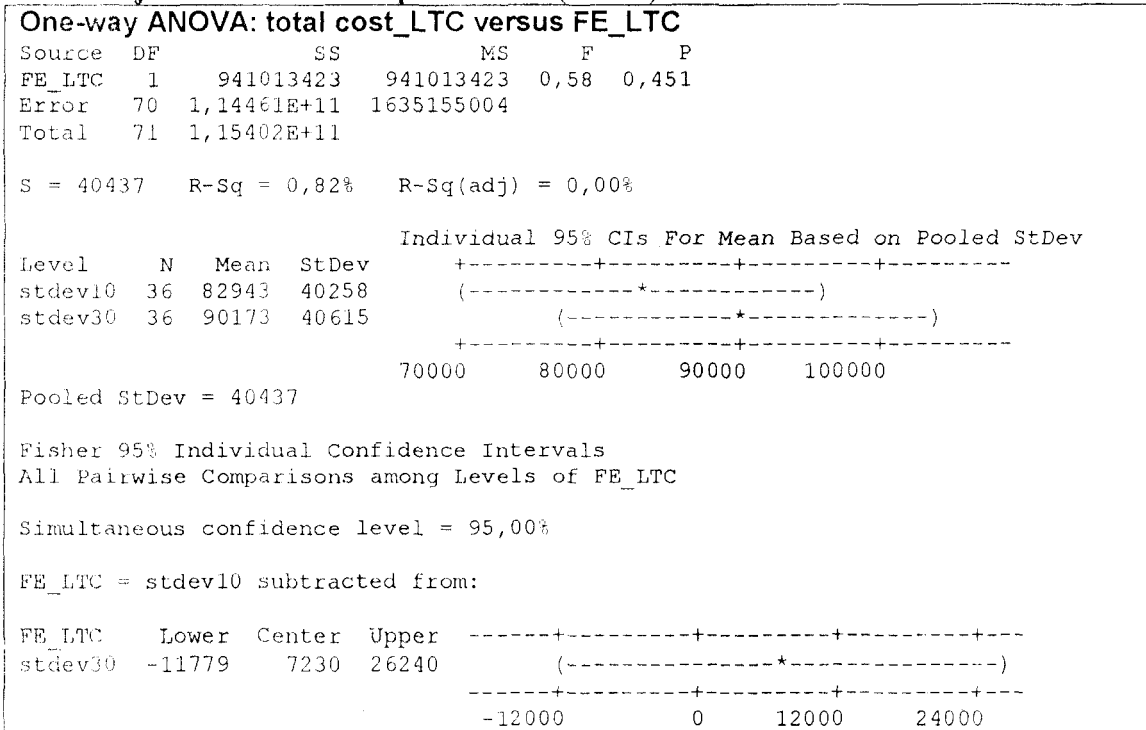
Gambar 48

**49. Uji Rata2 Total Cost pd LS POQ (Vs FE)**



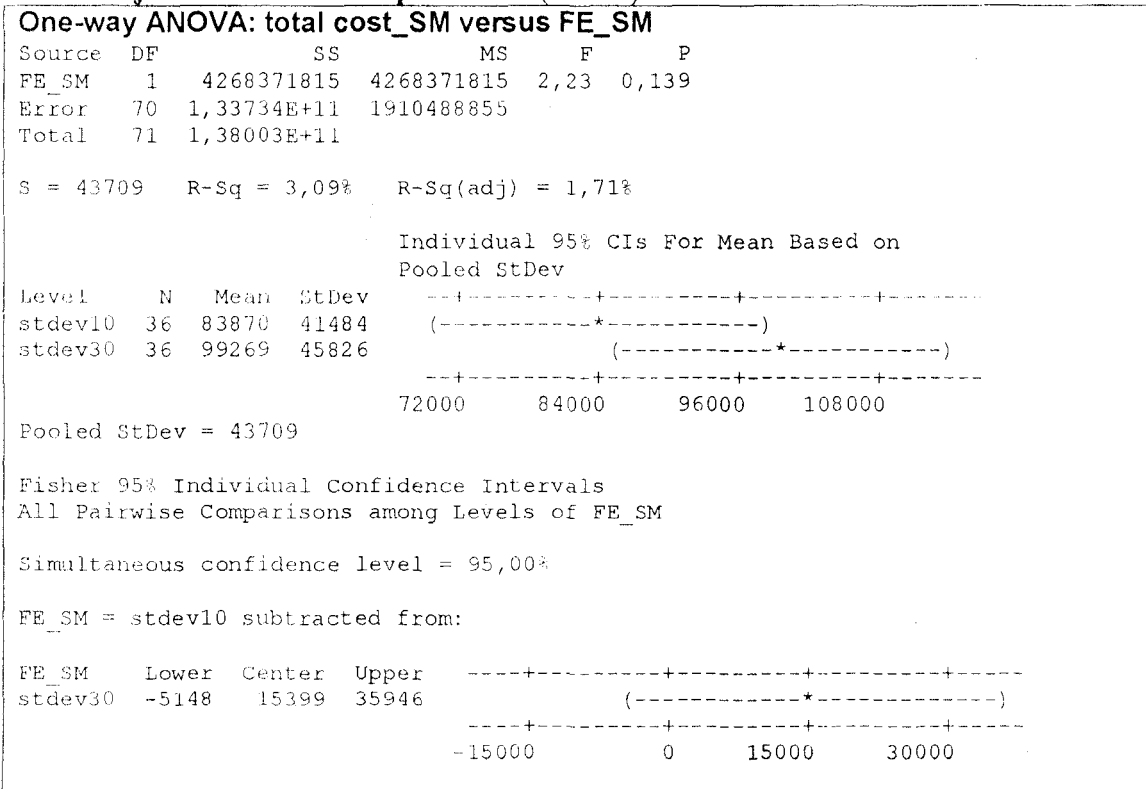
Gambar 49

**50. Uji Rata2 Total Cost pd LS LTC (Vs FE)**



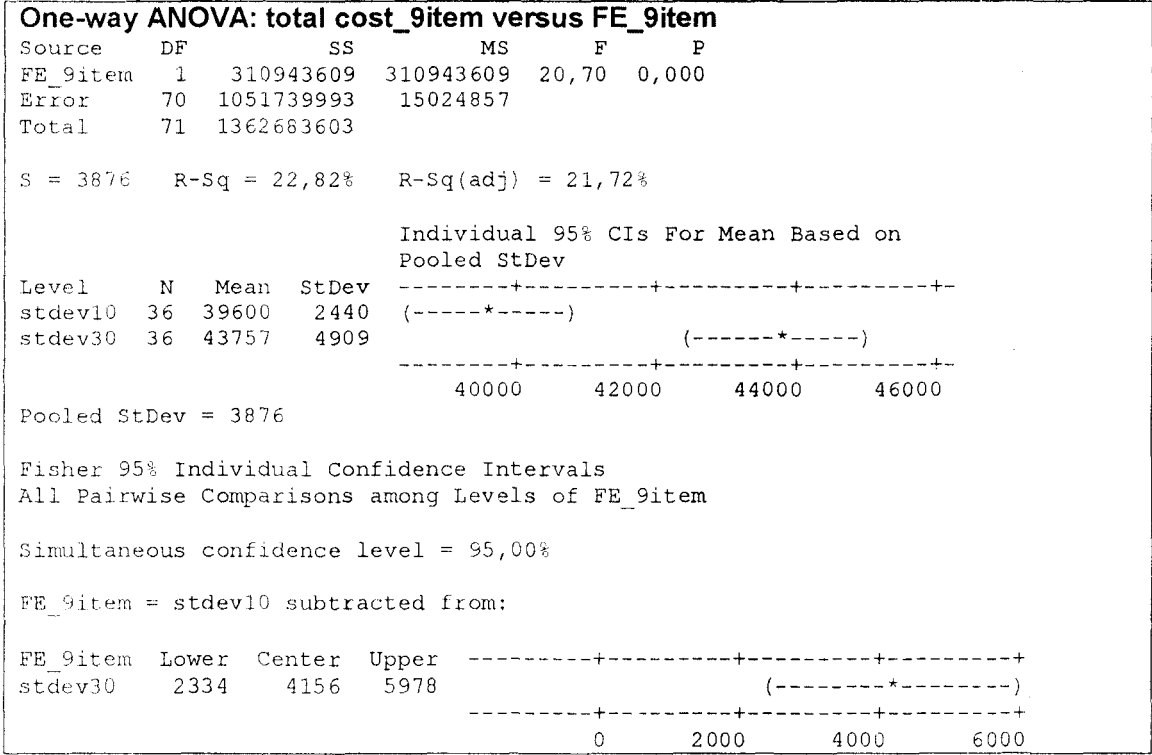
Gambar 50

**51. Uji Rata2 Total Cost pd LS SM (Vs FE)**



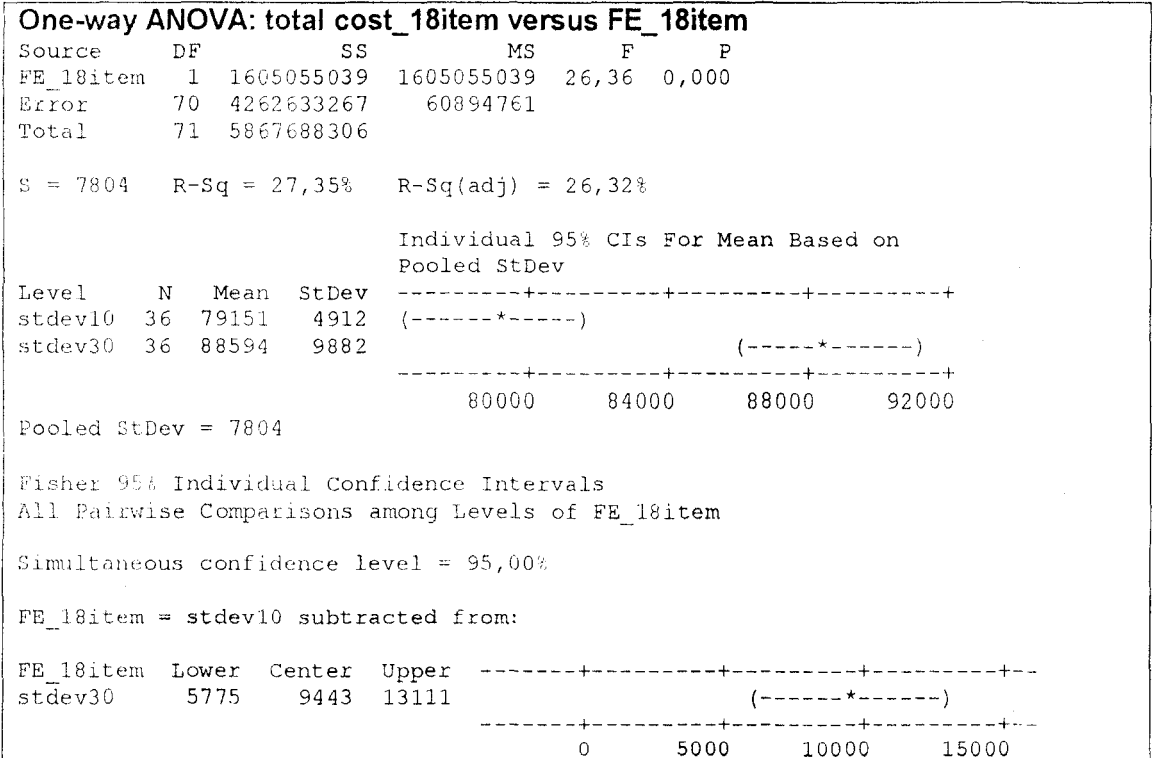
Gambar 51

**52. Uji Rata2 Total Cost pd SP 9 item (Vs FE)**



Gambar 52

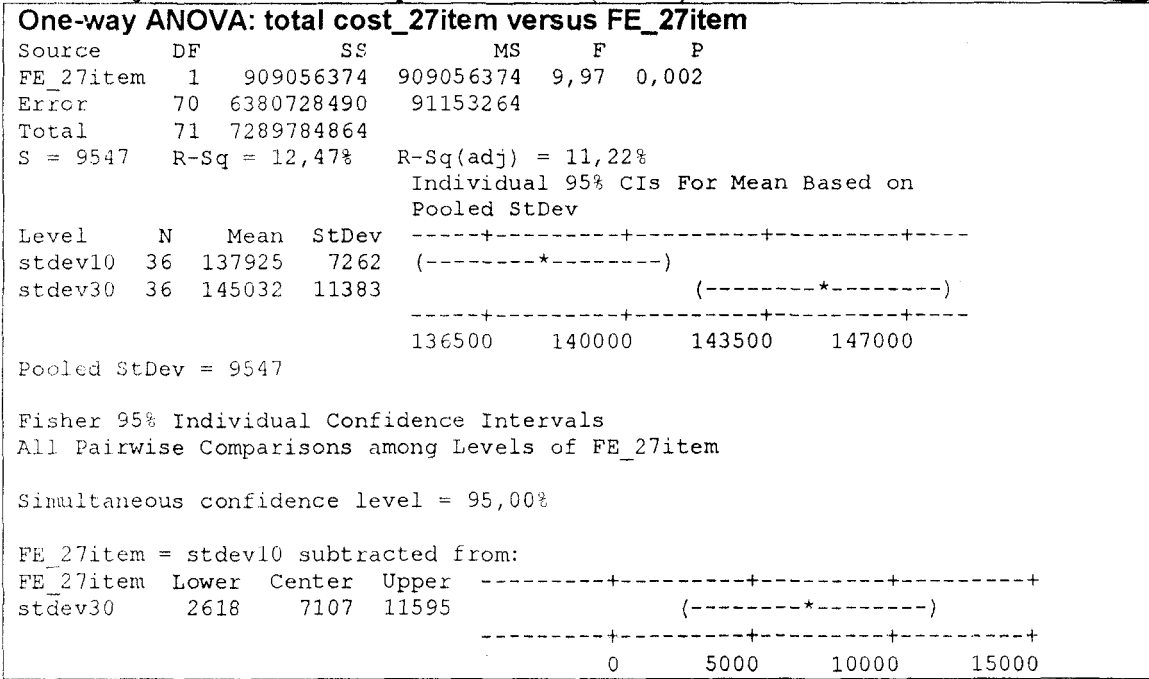
**53. Uji Rata2 Total Cost pd SP 18 item (Vs FE)**



Gambar 53



**54. Uji Rata2 Total Cost pd SP 27 item (Vs FE)**



Gambar 54