

**LAMPIRAN**  
**HASIL ANALISIS DATA**

1. Hasil Analisis Statistik Non Parametrik Motilitas Spermatozoa

Tes Kruskal-Wallis

	Perlakuan	n	mean rank
Hasil	Kontrol	10	5,50
	GSM	10	19,50
	CDMA	10	21,50
	total	30	

Test Statistics(a,b)

	Hasil
Chi-Square	22,958
df	2
Asymp. Sig.	,000

a Kruskal Wallis Test

b Grouping Variable: Perlakuan

Mann-Whitney Test

Ranks

	Perlakuan	N	Mean Rank	Sum of Ranks
Hasil	GSM	10	9,50	95,00
	CDMA	10	11,50	115,00
	Total	20		

## Test Statistics(b)

	Hasil
Mann-Whitney U	40,000
Wilcoxon W	95,000
Z	-,951
Asymp. Sig. (2-tailed)	,342
Exact Sig. [2*(1-tailed Sig.)]	,481(a)

a Not corrected for ties.

b Grouping Variable: Perlakuan

	Perlakuan	n	Mean Rank	Sum of Ranks
Hasil	Kontrol	10	5,50	55,00
	GSM	10	15,50	155,00
	Total	20		

## Test Statistics (b)

	HASIL
Mann-Whitney U	,000
Wilcoxon W	55,000
Z	-4,194
Asymp. Sig. (2-tailed)	,000
Exact Sig. [2*(1-tailed Sig.)]	,000(a)

a Not corrected for ties.

b Grouping Variable: PERLAKUAN

## Ranks

	Perlakuan	n	Mean Rank	Sum of Ranks
HASIL	Kontrol	10	5,50	55,00
	CDMA	10	15,50	155,00
	Total	20		

## Test Statistics(b)

	Hasil
Mann-Whitney U	,000
Wilcoxon W	55,000
Z	-4,119
Asymp. Sig. (2-tailed)	,000
Exact Sig. [2*(1-tailed Sig.)]	,000(a)

a Not corrected for ties.

b Grouping Variable: Perlakuan

## 2. Analisis Statistik Jumlah Spermatozoa

## Hasil Deskriptif

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Kontrol	10	733500,000	600310,3 3641	189834,796 60	30406 3,8551	1162936 ,1449	40500 0,0	2415000
GSM	10	267000,000	251276,7 3987	79460,6821 0	87247, 4488	446752, 5512	10500 0,0	840000,0
CDMA	10	244500,000	83081,28 550	26272,6093 1	18506 7,2287	303932, 7713	10500 0,0	345000,0
Total	30	415000,000	431433,0 5710	78768,5391 4	25390 0,2489	576099, 7511	10500 0,0	2415000

## Test of Homogeneity of Variances

Levene Statistic	df1	df2	Sig.
2,040	2	27	,150

## HASIL ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1524165000000,00	2	762082500000,000	5,312	,011
Within Groups	3873735000000,00	27	143471666666,667		
Total	5397900000000,00	29			

## Post Hoc Tests

## Multiple Comparisons Dependent Variable: HASIL

	(I) PERLAKUAN	(J) PERLAKUAN	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Tukey HSD	Kontrol	GSM	466500,00000 (*)	169394,01800	,027	46501,4753	886498,5247
		CDMA	489000,00000 (*)	169394,01800	,020	69001,4753	908998,5247
	GSM	Kontrol	-466500,00000 (*)	169394,01800	,027	-886498,5247	-46501,4753
		CDMA	22500,00000	169394,01800	,990	-397498,5247	442498,5247
	CDMA	Kontrol	489000,00000 (*)	169394,01800	,020	908998,5247	69001,4753
		GSM	-22500,00000	169394,01800	,990	-442498,5247	397498,5247

\* The mean difference is significant at the .05 level.

## Homogeneous Subsets

		N	Subset for alpha = .05	
			1	2
Tukey HSD(a)	CDMA	10	244500,00	
	GSM	10	267000,00	
	Kontrol	10		733500,00
Sig.			,990	1,000
Tukey B(a)	CDMA	10	244500,00	
	GSM	10	267000,00	
	Kontrol	10		733500,00

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 10,000.

## **RIWAYAT HIDUP**

Nama : Elia Wirastuti  
NRP : 0710187  
Tempat/tanggal lahir : Pati, 6 September 1989  
Alamat : Jl.Prof.drg.Surya Sumantri 48

### **Riwayat Pendidikan**

- Tahun 1994 lulus TK Dharma Rini Gembong Pati
- Tahun 2001 lulus SD Negeri Gembong 02 Pati
- Tahun 2004 lulus SMP Negeri 3 Pati
- Tahun 2007 lulus SMA Negeri 1 Pati
- Tahun 2007- sekarang Mahasiswa FK UKM