

## Uji SPSS (GONIOMETER)

### Hasil Uji Normalitas Kelompok Perlakuan I (pra dan post)

#### Tests of Normality

kelompok	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
pra1 1	,200	13	,162	,891	13	,100
2	,161	13	,200*	,950	13	,605

a. Lilliefors Significance Correction

\*. This is a lower bound of the true significance.

### Hasil Uji Normalitas Kelompok Perlakuan II (pra dan post)

#### Tests of Normality

kelompok	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
pra1 1	,162	13	,200*	,957	13	,715
2	,144	13	,200*	,915	13	,214

a. Lilliefors Significance Correction

\*. This is a lower bound of the true significance.

### Hasil Uji Homogenitas pra perlakuan antara kelompok 1 dan kelompok 2

#### Test of Homogeneity of Variances

nilai

Levene Statistic	df1	df2	Sig.
,795	1	24	,381

### Uji Hipotesis I (Kelompok I Gonio) → pre vs post

#### Paired Samples Statistics

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 pre	94,62	13	15,064	4,178
post	117,23	13	8,852	2,455

**Paired Samples Correlations**

	N	Correlation	Sig.
Pair 1 pre & post	13	,835	,000

**Paired Samples Test**

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 pre - post	-22,615	9,088	2,521	-28,107	-17,124	-8,972	12	,000

**Uji Hipotesis II (Kelompok II Gonio) → pre vs post**

**Paired Samples Statistics**

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 pre	90,77	13	14,119	3,916
post	128,00	13	5,148	1,428

**Paired Samples Correlations**

	N	Correlation	Sig.
Pair 1 pre & post	13	,774	,002

**Paired Samples Test**

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 pre - post	-37,231	10,647	2,953	-43,665	-30,797	-12,608	12	,000

Uji Hipotesis III (post kelompok 1 vs post kelompok 2)

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
nilai	Equal variances assumed	3,578	,071	-3,792	24	,001	-10,769	2,840	-16,631	-4,908
	Equal variances not assumed			-3,792	19,283	,001	-10,769	2,840	-16,708	-4,831

## UJI SPSS (WOMAC)

### Hasil Uji Normalitas Kelompok Perlakuan I (pra dan post)

#### Tests of Normality

faktor	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
1	,184	13	,200*	,913	13	,202
2	,126	13	,200*	,959	13	,738

a. Lilliefors Significance Correction

\*. This is a lower bound of the true significance.

### Hasil Uji Normalitas Kelompok Perlakuan II (pra dan post)

#### Tests of Normality

faktor	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
1	,116	13	,200*	,983	13	,992
2	,147	13	,200*	,979	13	,976

a. Lilliefors Significance Correction

\*. This is a lower bound of the true significance.

### Hasil Uji Homogenitas pra perlakuan antara kelompok 1 dan kelompok 2

#### Test of Homogeneity of Variances

nilai

Levene Statistic	df1	df2	Sig.
,466	1	24	,501

**Uji Hipotesis I (Kelompok 1 Womac) → pre vs post**

**Paired Samples Statistics**

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 pre	56,46	13	14,700	4,077
post	29,38	13	10,219	2,834

**Paired Samples Correlations**

	N	Correlation	Sig.
Pair 1 pre & post	13	,907	,000

**Paired Samples Test**

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 pre - post	27,077	6,922	1,920	22,894	31,260	14,104	12	,000

**Uji Hipotesis II (Kelompok 2 Womac) → pre vs post**

**Paired Samples Statistics**

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 pre	58,38	13	13,586	3,768
post	17,77	13	6,735	1,868

**Paired Samples Correlations**

	N	Correlation	Sig.
Pair 1 pre & post	13	,912	,000

**Paired Samples Test**

		Paired Differences				t	df	Sig. (2-tailed)	
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower				Upper
Pair 1	pre - post	40,615	7,943	2,203	35,816	45,415	18,437	12	,000

**Uji Hipotesis III (post kelompok 1 vs post kelompok 2)**

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
nilai	Equal variances assumed	3,778	,064	3,422	24	,002	11,615	3,394	4,610	18,621
	Equal variances not assumed			3,422	20,770	,003	11,615	3,394	4,552	18,679