

Lampiran 1. Uji Wilcoxon Signed Ranks Test

Tanda radang

		Ranks		
		N	Mean Rank	Sum of Ranks
pretest - posttest	Negative Ranks	2 ^a	5.25	10.50
	Positive Ranks	25 ^b	14.70	367.50
	Ties	3 ^c		
	Total	30		

a. pretest < posttest

b. pretest > posttest

c. pretest = posttest

Test Statistics^b

	pretest - posttest
Z	-4.310 ^a
Asymp. Sig. (2-tailed)	.000

a. Based on negative ranks.

b. Wilcoxon Signed Ranks Test

Bengkak

		Ranks		
		N	Mean Rank	Sum of Ranks
pretest - posttest	Negative Ranks	3 ^a	14.33	43.00
	Positive Ranks	27 ^b	15.63	422.00
	Ties	0 ^c		
	Total	30		

a. pretest < posttest

b. pretest > posttest

c. pretest = posttest

Test Statistics^b

	pretest - posttest
Z	-4.026 ^a
Asymp. Sig. (2-tailed)	.000

a. Based on negative ranks.

b. Wilcoxon Signed Ranks Test

Merah

		Ranks		
		N	Mean Rank	Sum of Ranks
pretest - posttest	Negative Ranks	3 ^a	9.50	28.50
	Positive Ranks	15 ^b	9.50	142.50
	Ties	12 ^c		
	Total	30		

a. pretest < posttest

b. pretest > posttest

Merah

		Ranks		
		N	Mean Rank	Sum of Ranks
pretest - posttest	Negative Ranks	3 ^a	9.50	28.50
	Positive Ranks	15 ^b	9.50	142.50
	Ties	12 ^c		
	Total	30		

a. pretest < posttest

c. pretest = posttest

Test Statistics^b

	pretest - posttest
Z	-2.583 ^a
Asymp. Sig. (2-tailed)	.010

a. Based on negative ranks.

b. Wilcoxon Signed Ranks Test

Panas

		Ranks		
		N	Mean Rank	Sum of Ranks
pretest - posttest	Negative Ranks	5 ^a	12.90	64.50
	Positive Ranks	19 ^b	12.39	235.50
	Ties	6 ^c		
	Total	30		

a. pretest < posttest

b. pretest > posttest

c. pretest = posttest

Test Statistics^b

	pretest - posttest
Z	-2.629 ^a
Asymp. Sig. (2-tailed)	.009

a. Based on negative ranks.

b. Wilcoxon Signed Ranks Test

Tingkat kekakuan

		Ranks		
		N	Mean Rank	Sum of Ranks
pretest - posttest	Negative Ranks	0 ^a	.00	.00
	Positive Ranks	21 ^b	11.00	231.00
	Ties	9 ^c		
	Total	30		

a. pretest < posttest

b. pretest > posttest

c. pretest = posttest

Test Statistics^D

	pretest - posttest
Z	-4.158 ^a
Asymp. Sig. (2-tailed)	.000

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

Nyeri

Ranks

		N	Mean Rank	Sum of Ranks
pretest - posttest	Negative Ranks	0 ^a	.00	.00
	Positive Ranks	29 ^b	15.00	435.00
	Ties	1 ^c		
	Total	30		

- a. pretest < posttest
- b. pretest > posttest
- c. pretest = posttest

Test Statistics^D

	pretest - posttest
Z	-4.729 ^a
Asymp. Sig. (2-tailed)	.000

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

Nyeri fleksi

Ranks

		N	Mean Rank	Sum of Ranks
pretest - posttest	Negative Ranks	2 ^a	13.75	27.50
	Positive Ranks	25 ^b	14.02	350.50
	Ties	3 ^c		
	Total	30		

- a. pretest < posttest
- b. pretest > posttest
- c. pretest = posttest

Test Statistics^D

	pretest - posttest
Z	-3.975 ^a
Asymp. Sig. (2-tailed)	.000

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

Nyeri ekstensi

Ranks

		N	Mean Rank	Sum of Ranks
pretest - posttest	Negative Ranks	1 ^a	7.50	7.50
	Positive Ranks	25 ^b	13.74	343.50
	Ties	4 ^c		
	Total	30		

a. pretest < posttest

b. pretest > posttest

c. pretest = posttest

Test Statistics^b

		pretest - posttest
Z		-4.388 ^a
Asymp. Sig. (2-tailed)		.000

a. Based on negative ranks.

b. Wilcoxon Signed Ranks Test

Nyeri endorotasi

Ranks

		N	Mean Rank	Sum of Ranks
pretest - posttest	Negative Ranks	1 ^a	7.00	7.00
	Positive Ranks	19 ^b	10.68	203.00
	Ties	10 ^c		
	Total	30		

a. pretest < posttest

b. pretest > posttest

c. pretest = posttest

Test Statistics^b

		pretest - posttest
Z		-3.800 ^a
Asymp. Sig. (2-tailed)		.000

a. Based on negative ranks.

b. Wilcoxon Signed Ranks Test

Nyeri eksorotasi

Ranks

		N	Mean Rank	Sum of Ranks
pretest - posttest	Negative Ranks	2 ^a	9.50	19.00
	Positive Ranks	20 ^b	11.70	234.00
	Ties	8 ^c		
	Total	30		

a. pretest < posttest

b. pretest > posttest

c. pretest = posttest

Test Statistics^b

	pretest - posttest
Z	-3.740 ^a
Asymp. Sig. (2-tailed)	.000

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

Cedera pada lutut: (uji hipotesis)

Ranks

		N	Mean Rank	Sum of Ranks
pretest - posttest	Negative Ranks	0 ^a	.00	.00
	Positive Ranks	30 ^b	15.50	465.00
	Ties	0 ^c		
	Total	30		

- a. pretest < posttest
b. pretest > posttest
c. pretest = posttest

Test Statistics^b

	pretest - posttest
Z	-4.788 ^a
Asymp. Sig. (2-tailed)	.000

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