

Hasil Uji Statistik

1. UNIVARIAT

Frequency Table

Jenis Kelamin

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Laki-Laki	44	38.9	38.9	38.9
	Perempuan	69	61.1	61.1	100.0
	Total	113	100.0	100.0	

Pekerjaan

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Ibu Rumah Tangga	43	38.1	38.1	38.1
	Sopir/Tukang/Tani	15	13.3	13.3	51.3
	Mhs/Tdk Berkerja	18	15.9	15.9	67.3
	Swasta/Karyawan	25	22.1	22.1	89.4
	PNS/Pensiun	12	10,6	10,6	100
	Total	113	100.0	100.0	

Pendidikan

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	SD	14	12.4	12.4	12.4
	SMP	18	15.9	15.9	28.3
	SMA	66	58.4	58.4	86.7
	Perguruan Tinggi	15	13.3	13.3	100.0
	Total	113	100.0	100.0	

Penyebab PreTest

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Tahu	96	85.0	85.0	85.0
	Tidak Tahu	17	15.0	15.0	100.0
	Total	113	100.0	100.0	

Gejala PreTest

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Tahu	63	55.8	55.8	55.8
	Tidak Tahu	50	44.2	44.2	100.0
	Total	113	100.0	100.0	

Sumber Penularan Pre Test

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Tahu	75	66.4	66.4	66.4
	Tidak Tahu	38	33.6	33.6	100.0
	Total	113	100.0	100.0	

Risiko Penularan Pre Test

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Tahu	67	59.3	59.3	59.3
	Tidak Tahu	46	40.7	40.7	100.0
	Total	113	100.0	100.0	

Perilaku mencari Pengobatan

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Melakukan	97	85.8	85.8	85.8
	Tidak Melakukan	16	14.2	14.2	100.0
	Total	113	100.0	100.0	

Perilaku Pencegahan Pre Test

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Melakukan	75	66.4	66.4	66.4
	Tidak Melakukan	38	33.6	33.6	100.0
	Total	113	100.0	100.0	

Kesembuhan Pre Test

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	YA	109	96.5	96.5	96.5
	Tidak	4	3.5	3.5	100.0
	Total	113	100.0	100.0	

Persepsi Ttg Pengobatan

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Melakukan	107	94.7	94.7	95.6
	Tidak Melakukan	6	13.4	13,4	100.0
	Total	113	100.0	100.0	

Gizi

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Melakukan	100	88.5	88.5	88.5
	Tidak	13	11.5	11.5	100.0
	Total	113	100.0	100.0	

Penyebab Post Test

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Tahu	113	100.0	100.0	100.0

Gejala Post Test

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Tahu	90	79.6	79.6	79.6
	Tidak Tahu	23	20.4	20.4	100.0
	Total	113	100.0	100.0	

Sumber Penularan Post Test

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Tahu	91	80.5	80.5	80.5
	Tidak Tahu	22	19.5	19.5	100.0
	Total	113	100.0	100.0	

Risiko Penularan Post Test

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Tahu	93	82.3	82.3	82.3
	Tidak Tahu	20	17.7	17.7	100.0
	Total	113	100.0	100.0	

PL Pengobatan Post

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Melakukan	109	96.5	96.5	96.5
	Tidak Melakukan	4	3.5	3.5	100.0
	Total	113	100.0	100.0	

PL Pencegahan

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Melakukan	101	89.4	89.4	89.4
	Tidak Melakukan	12	10.6	10.6	100.0
	Total	113	100.0	100.0	

Kesembuhan

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Tahu	113	100.0	100.0	100.0

Persepsi Pengobatan

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Melakukan	113	100.0	100.0	100.0

Gizi Post Test

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Melakukan	113	100.0	100.0	100.0

Umur Responden	Mean	43.75	1.420
	95% Confidence Interval for Mean	Lower Bound 40.94	
		Upper Bound 46.57	
	5% Trimmed Mean	43.71	
	Median	43.00	
	Variance	227.867	
	Std. Deviation	15.095	
	Minimum	16	
	Maximum	77	
	Range	61	
	Interquartile Range	25	
	Skewness	-.084	.227
	Kurtosis	-1.023	.451

HASIL UJI STATISTIK BIVARIAT

NPAR TESTS

/WILCOXON=panybb_pre WITH Penyebab (PAIRED)
 /STATISTICS DESCRIPTIVES
 /MISSING ANALYSIS.

NPar Tests

Notes

Output Created		12-OCT-2022 13:00:26
Comments		
Input	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	113
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each test are based on all cases with valid data for the variable(s) used in that test.
Syntax		NPAR TESTS /WILCOXON=panybb_pre WITH Penyebab (PAIRED) /STATISTICS DESCRIPTIVES /MISSING ANALYSIS.
Resources	Processor Time	00:00:00,00
	Elapsed Time	00:00:00,00
	Number of Cases Allowed ^a	112347

a. Based on availability of workspace memory.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Penyebab PreTest	113	75.26	9.615	50	98
Penyebab Post Test	113	88.79	12.238	8	100

Wilcoxon Signed Ranks Test

Ranks

		N	Mean Rank	Sum of Ranks
Penyebab Post Test - Penyebab PreTest	Negative Ranks	2 ^a	111.50	223.00
	Positive Ranks	110 ^b	55.50	6105.00
	Ties	1 ^c		
	Total	113		

- a. Penyebab Post Test < Penyebab PreTest
- b. Penyebab Post Test > Penyebab PreTest
- c. Penyebab Post Test = Penyebab PreTest

Test Statistics^a

	Penyebab Post Test - Penyebab PreTest
Z	-8.544 ^b
Asymp. Sig. (2-tailed)	.000

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

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Gejala_Pre Test	113	61.98	13.288	50	79
Gejala Post Test	113	84.68	7.492	73	99

Wilcoxon Signed Ranks Test

Ranks

		N	Mean Rank	Sum of Ranks
Gejala Post Test - Gejala_Pre Test	Negative Ranks	0 ^a	.00	.00
	Positive Ranks	112 ^b	56.50	6328.00
	Ties	1 ^c		
	Total	113		

- a. Gejala Post Test < Gejala_Pre Test
- b. Gejala Post Test > Gejala_Pre Test
- c. Gejala Post Test = Gejala_Pre Test

Test Statistics^a

	Gejala Post Test - Gejala_Pre Test
Z	-9.192 ^b
Asymp. Sig. (2-tailed)	.000

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Sumber Penularan Pre Test	113	60.53	7.640	50	78
Sumber Penularan Post Test	113	90.00	7.483	76	99

Wilcoxon Signed Ranks Test**Ranks**

	N	Mean Rank	Sum of Ranks
Sumber Penularan Post Test - Negative Ranks	0 ^a	.00	.00
Sumber Penularan Pre Test			
Positive Ranks	113 ^b	57.00	6441.00
Ties	0 ^c		
Total	113		

a. Sumber Penularan Post Test < Sumber Penularan Pre Test

b. Sumber Penularan Post Test > Sumber Penularan Pre Test

c. Sumber Penularan Post Test = Sumber Penularan Pre Test

Test Statistics^a

	Sumber Penularan Post Test - Sumber Penularan Pre Test
Z	-9.232 ^b
Asymp. Sig. (2-tailed)	.000

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Risiko Penularan Pre Test	113	55.82	6.832	42	68
Risiko Penularan Post Test	113	88.58	7.180	76	99

Wilcoxon Signed Ranks Test**Ranks**

		N	Mean Rank	Sum of Ranks
Risiko Penularan Post Test - Risiko Penularan Pre Test	Negative Ranks	0 ^a	.00	.00
	Positive Ranks	113 ^b	57.00	6441.00
	Ties	0 ^c		
	Total	113		

a. Risiko Penularan Post Test < Risiko Penularan Pre Test

b. Risiko Penularan Post Test > Risiko Penularan Pre Test

c. Risiko Penularan Post Test = Risiko Penularan Pre Test

Test Statistics^a

	Risiko Penularan Post Test - Risiko Penularan Pre Test
Z	-9.239 ^b
Asymp. Sig. (2-tailed)	.000

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Perilaku Mencari Pengobatan Pre Test	113	58.96	5.854	44	68
Perilaku Mencari Pengobatan Post Test	113	87.04	2.627	77	90

Wilcoxon Signed Ranks Test**Ranks**

		N	Mean Rank	Sum of Ranks
Perilaku Mencari Pengobatan Post Test - Perilaku Mencari Pengobatan Pre Test	Negative Ranks	0 ^a	.00	.00
	Positive Ranks	113 ^b	57.00	6441.00
	Ties	0 ^c		
	Total	113		

a. Perilaku Mencari Pengobatan Post Test < Perilaku Mencari Pengobatan Pre Test

b. Perilaku Mencari Pengobatan Post Test > Perilaku Mencari Pengobatan Pre Test

c. Perilaku Mencari Pengobatan Post Test = Perilaku Mencari Pengobatan Pre Test

Test Statistics^a

	Perilaku Mencari Pengobatan Post Test - Perilaku Mencari Pengobatan Pre Test
Z	-9.232 ^b
Asymp. Sig. (2-tailed)	.000

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Perilaku Pencegahan Pre Test	113	53.83	8.798	32	67
Perilaku Pencegahan Post Test	113	89.18	4.007	78	99

Wilcoxon Signed Ranks Test**Ranks**

		N	Mean Rank	Sum of Ranks
Perilaku Pencegahan Post Test - Perilaku Pencegahan Pre Test	Negative Ranks	0 ^a	.00	.00
	Positive Ranks	113 ^b	57.00	6441.00
	Ties	0 ^c		
	Total	113		

a. Perilaku Pencegahan Post Test < Perilaku Pencegahan Pre Test

b. Perilaku Pencegahan Post Test > Perilaku Pencegahan Pre Test

c. Perilaku Pencegahan Post Test = Perilaku Pencegahan Pre Test

Test Statistics^a

	Perilaku Pencegahan Post Test - Perilaku Pencegahan Pre Test
Z	-9.232 ^b
Asymp. Sig. (2-tailed)	.000

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Persepsi Kesembuhan Pre Test	113	55.61	6.048	45	67
Persepsi Kesembuhan Post Test	113	90.28	4.279	85	99

Wilcoxon Signed Ranks Test

	N	Mean Rank	Sum of Ranks
Persepsi Kesembuhan Post Test - Persepsi Kesembuhan Pre Test	0 ^a	.00	.00
	113 ^b	57.00	6441.00
	0 ^c		
Total	113		

- a. Persepsi Kesembuhan Post Test < Persepsi Kesembuhan Pre Test
b. Persepsi Kesembuhan Post Test > Persepsi Kesembuhan Pre Test
c. Persepsi Kesembuhan Post Test = Persepsi Kesembuhan Pre Test

Test Statistics^a

	Persepsi Kesembuhan Post Test - Persepsi Kesembuhan Pre Test
Z	-9.231 ^b
Asymp. Sig. (2-tailed)	.000

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

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Persepsi Ttg Pengobatan Pre Test	113	59.50	8.090	43	68
Persepsi Tentang pengobatan Post Test	113	90.38	9.868	8	99

Wilcoxon Signed Ranks Test

	N	Mean Rank	Sum of Ranks
Persepsi Tentang pengobatan Post Test - Persepsi Ttg Pebogatan Pre Test	1 ^a	101.00	101.00
	112 ^b	56.61	6340.00
	0 ^c		
Total	113		

- a. Persepsi Tentang pengobatan Post Test < Persepsi Ttg Pebogatan Pre Test
b. Persepsi Tentang pengobatan Post Test > Persepsi Ttg Pebogatan Pre Test
c. Persepsi Tentang pengobatan Post Test = Persepsi Ttg Pebogatan Pre Test

Test Statistics^a

	Persepsi Tentang pengobatan Post Test - Persepsi Ttg Pebogatan Pre Test
Z	-8.945 ^b
Asymp. Sig. (2-tailed)	.000

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

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Perilaku Ttg Gizi Pre Test	113	59.10	5.020	50	66
Perilaku Ttg Gizi Post Test	113	91.37	4.461	87	98

Wilcoxon Signed Ranks Test
Ranks

	N	Mean Rank	Sum of Ranks
Perilaku Ttg Gizi Post Test - Negative Ranks	0 ^a	.00	.00
Perilaku Ttg Gizi Pre Test Positive Ranks	113 ^b	57.00	6441.00
Ties	0 ^c		
Total	113		

- a. Perilaku Ttg Gizi Post Test < Perilaku Ttg Gizi Pre Test
b. Perilaku Ttg Gizi Post Test > Perilaku Ttg Gizi Pre Test
c. Perilaku Ttg Gizi Post Test = Perilaku Ttg Gizi Pre Test

Test Statistics^a

	Perilaku Ttg Gizi Post Test - Perilaku Ttg Gizi Pre Test
Z	-9.239 ^b
Asymp. Sig. (2-tailed)	.000

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

Tabel 1. Distribusi Jenis Kelamin, Pendidikan dan Pekerjaan Responden Tuberkulosis di Puskesmas Kota Manado Tahun 2022

No	Jenis Kelamin, Pendidikan dan Pekerjaan	f	%
1.	Jenis Kelamin		
	a. Laki-laki	44	38,9
	b. Perempuan	69	61,1
2.	Pendidikan		
	a. SD	14	12,4
	b. SMP	18	15,9
	c. SMA	66	58,4
	d. Perguruan Tinggi	15	13,3
3.	Pekerjaan		
	a. Ibu Rumah Tangga	43	38,1
	b. Sopir/Tukang/Tani	15	13,3
	c. Mahasiswa/Tidak Bekerja	18	15,9
	d. Wirausaha/Karyawan	25	22,1
	e. ASN dan Pensiunan	12	10,6
	Total = 113 Responden		

Wilcoxon Signed Ranks Test

Ranks

		N	Mean Rank	Sum of Ranks
Post Test-PreTestPenyebab	Negative Ranks	2 ^a	111.50	223.00
	Positive Ranks	110 ^b	55.50	6105.00
	Ties	1 ^c		
	Total	113		

a. Penyebab Post Test < Penyebab PreTest

b. Penyebab Post Test > Penyebab PreTest

c. Penyebab Post Test = Penyebab PreTest

Test Statistics^a

	Penyebab Post Test - Penyebab PreTest
Z	-8.544 ^b
Asymp. Sig. (2-tailed)	.000

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

Ranks

		N	Mean Rank	Sum of Ranks
Post Test-Pre Test Gejala	Negative Ranks	0 ^a	.00	.00
	Positive Ranks	112 ^b	56.50	6328.00
	Ties	1 ^c		
	Total	113		

a. Gejala Post Test < Gejala_Pre Test

b. Gejala Post Test > Gejala_Pre Test

c. Gejala Post Test = Gejala_Pre Test

Test Statistics^a

	Gejala Post Test - Gejala_Pre Test
Z	-9.192 ^b
Asymp. Sig. (2-tailed)	.000

Wilcoxon Signed Ranks Test**Ranks**

		N	Mean Rank	Sum of Ranks
Sumber Penularan Post Test - Sumber Penularan Pre Test	Negative Ranks	0 ^a	.00	.00
	Positive Ranks	113 ^b	57.00	6441.00
	Ties	0 ^c		
	Total	113		

a. Sumber Penularan Post Test < Sumber Penularan Pre Test

b. Sumber Penularan Post Test > Sumber Penularan Pre Test

c. Sumber Penularan Post Test = Sumber Penularan Pre Test

Test Statistics^a

	Sumber Penularan Post Test - Sumber Penularan Pre Test
Z	-9.232 ^b
Asymp. Sig. (2-tailed)	.000

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

Wilcoxon Signed Ranks Test**Ranks**

		N	Mean Rank	Sum of Ranks
Risiko Penularan Post Test - Risiko Penularan Pre Test	Negative Ranks	0 ^a	.00	.00
	Positive Ranks	113 ^b	57.00	6441.00
	Ties	0 ^c		
	Total	113		

a. Risiko Penularan Post Test < Risiko Penularan Pre Test

b. Risiko Penularan Post Test > Risiko Penularan Pre Test

c. Risiko Penularan Post Test = Risiko Penularan Pre Test

Test Statistics^a

	Risiko Penularan Post Test - Risiko Penularan Pre Test
Z	-9.239 ^b
Asymp. Sig. (2-tailed)	.000

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Perilaku Mencari Pengobatan Pre Test	113	58.96	5.854	44	68
Perilaku Mencari Pengobatan Post Test	113	87.04	2.627	77	90

Wilcoxon Signed Ranks Test**Ranks**

		N	Mean Rank	Sum of Ranks
Perilaku Mencari Pengobatan Post Test - Perilaku Mencari Pengobatan Pre Test	Negative Ranks	0 ^a	.00	.00
	Positive Ranks	113 ^b	57.00	6441.00
	Ties	0 ^c		
	Total	113		

a. Perilaku Mencari Pengobatan Post Test < Perilaku Mencari Pengobatan Pre Test

b. Perilaku Mencari Pengobatan Post Test > Perilaku Mencari Pengobatan Pre Test

c. Perilaku Mencari Pengobatan Post Test = Perilaku Mencari Pengobatan Pre Test

Test Statistics^a

	Perilaku Mencari Pengobatan Post Test - Perilaku Mencari Pengobatan Pre Test
Z	-9.232 ^b
Asymp. Sig. (2-tailed)	.000

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Perilaku Pencegahan Pre Test	113	53.83	8.798	32	67
Perilaku Pencegahan Post Test	113	89.18	4.007	78	99

Wilcoxon Signed Ranks Test**Ranks**

		N	Mean Rank	Sum of Ranks
Perilaku Pencegahan Post Test - Perilaku Pencegahan Pre Test	Negative Ranks	0 ^a	.00	.00
	Positive Ranks	113 ^b	57.00	6441.00
	Ties	0 ^c		
	Total	113		

a. Perilaku Pencegahan Post Test < Perilaku Pencegahan Pre Test

b. Perilaku Pencegahan Post Test > Perilaku Pencegahan Pre Test

c. Perilaku Pencegahan Post Test = Perilaku Pencegahan Pre Test

Test Statistics^a

	Perilaku Pencegahan Post Test - Perilaku Pencegahan Pre Test
Z	-9.232 ^b
Asymp. Sig. (2-tailed)	.000

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Persepsi Kesembuhan Pre Test	113	55.61	6.048	45	67
Persepsi Kesembuhan Post Test	113	90.28	4.279	85	99

Wilcoxon Signed Ranks Test

	N	Mean Rank	Sum of Ranks
Persepsi Kesembuhan Post Test - Persepsi Kesembuhan Pre Test	0 ^a	.00	.00
	113 ^b	57.00	6441.00
	0 ^c		
Total	113		

a. Persepsi Kesembuhan Post Test < Persepsi Kesembuhan Pre Test

b. Persepsi Kesembuhan Post Test > Persepsi Kesembuhan Pre Test

c. Persepsi Kesembuhan Post Test = Persepsi Kesembuhan Pre Test

Test Statistics^a

	Persepsi Kesembuhan Post Test - Persepsi Kesembuhan Pre Test
Z	-9.231 ^b
Asymp. Sig. (2-tailed)	.000

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Persepsi Ttg Pebogatan Pre Test	113	59.50	8.090	43	68
Persepsi Tentang pengobatan Post Test	113	90.38	9.868	8	99

Wilcoxon Signed Ranks Test

	N	Mean Rank	Sum of Ranks
Persepsi Tentang pengobatan Post Test - Persepsi Ttg Pebogatan Pre Test	1 ^a	101.00	101.00
	112 ^b	56.61	6340.00
	0 ^c		
Total	113		

a. Persepsi Tentang pengobatan Post Test < Persepsi Ttg Pebogatan Pre Test

b. Persepsi Tentang pengobatan Post Test > Persepsi Ttg Pebogatan Pre Test

c. Persepsi Tentang pengobatan Post Test = Persepsi Ttg Pebogatan Pre Test

Test Statistics^a

	Persepsi Tentang pengobatan Post Test - Persepsi Ttg Pebogatan Pre Test
Z	-8.945 ^b
Asymp. Sig. (2-tailed)	.000

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Perilaku Ttg Gizi Pre Test	113	59.10	5.020	50	66
Perilaku Ttg Gizi Post Test	113	91.37	4.461	87	98

Wilcoxon Signed Ranks Test**Ranks**

	N	Mean Rank	Sum of Ranks
Perilaku Ttg Gizi Post Test - Negative Ranks	0 ^a	.00	.00
Perilaku Ttg Gizi Pre Test Positive Ranks	113 ^b	57.00	6441.00
Ties	0 ^c		
Total	113		

a. Perilaku Ttg Gizi Post Test < Perilaku Ttg Gizi Pre Test

b. Perilaku Ttg Gizi Post Test > Perilaku Ttg Gizi Pre Test

c. Perilaku Ttg Gizi Post Test = Perilaku Ttg Gizi Pre Test

Test Statistics^a

	Perilaku Ttg Gizi Post Test - Perilaku Ttg Gizi Pre Test
Z	-9.239 ^b
Asymp. Sig. (2-tailed)	.000

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.