

LAMPIRAN

Lampiran 1. Tabel Konversi Tajam Penglihatan.

Snellen		Decimal	Long MAR
1/300		0,003	2,48
0,5/60		0,008	2,08
1/60		0,016	1,78
1,5/60		0,025	1,6
2/60		0,033	1,48
3/60	20/400	0,05	1,3
4/60		0,067	1,18
5/60		0,083	1,08
5/50	20/200	0,1	1
	20/150	0,13	0,87
6/40		0,15	0,82
6/30	20/100	0,2	0,7
	20/90	0,22	0,65
5/20	20/80	0,25	0,6
	20/70	0,285	0,54
6/20		0,3	0,52
	20/60	0,33	0,48
6/15	20/50	0,4	0,4
5/10	20/40	0,5	0,3
6/10		0,6	0,22
	20/30	0,67	0,18
6/8,5		0,7	0,15
6/7,5	20/25	0,8	0,1
5/6		0,83	0,08
6,6,6		0,9	0,04
6/6	20/20	1	0

Lampiran 2. Data Katarak DM

No	Usia	Jenis Kelamin	GDS	Tajam Penglihatan Pre- op	Tajam Penglihatan post - op	Selisih
1	55	laki - laki	400	2.48	1.08	1.4
2	48	Pperempuan	377	1.48	0	1.48
3	48	Pperempuan	377	2.48	0.82	1.66
4	62	laki - laki	341	1.6	0.3	1.3
5	69	Pperempuan	325	2.48	1.08	1.4
6	68	Pperempuan	205	2.48	0.15	2.33
7	57	laki - laki	415	2.48	1.48	1
8	55	Pperempuan	154	1.78	0.3	1.48
9	55	laki - laki	356	1.48	0.04	1.44
10	59	Pperempuan	334	1.3	0.4	0.9
11	57	Pperempuan	480	1.78	0.18	1.6
12	57	Pperempuan	177	2.48	0.1	2.38
13	55	Pperempuan	223	0.82	0.1	0.72
14	55	laki - laki	430	1.78	1.08	0.7
15	64	Pperempuan	198	2.48	0.1	2.38
16	52	laki - laki	224	1.3	0	1.3
17	61	Pperempuan	188	0.04	0	0.04
18	61	Pperempuan	211	0.22	0	0.22
19	61	Pperempuan	241	2.48	0.08	2.4
20	59	Pperempuan	287	1.48	0	1.48
21	48	Pperempuan	160	2.48	0.4	2.08
22	56	Pperempuan	188	2.48	0	2.48
23	66	Pperempuan	323	1.78	0.4	1.38
24	59	Pperempuan	295	1.18	0.4	0.78
25	47	Pperempuan	313	2.08	0.1	1.98
26	60	Pperempuan	211	2.48	0.82	1.66
27	50	Pperempuan	223	1.48	0	1.48
28	50	Pperempuan	204	0.82	0.1	0.72
29	50	laki - laki	198	1	0.4	0.6
30	67	Pperempuan	301	2.48	0.22	2.26

Lampiran 3.Data Katarak NDM

No	Usia	Jenis Kelamin	GDS	Tajam Penglihatan Pre- op	Tajam Penglihatan post - op	Selisih
1	42	laki - laki	78	0.82	0.15	0.67
2	43	laki - laki	70	2.48	0.22	2.26
3	50	laki - laki	75	0.7	0.15	0.55
4	50	laki - laki	94	2.48	0.52	1.96
5	68	Perempuan	120	1.48	0	1.48
6	64	laki - laki	125	1.18	0.04	1.14
7	65	laki - laki	75	1.48	0	1.48
8	51	laki - laki	92	2.48	0	2.48
9	78	Perempuan	89	0.52	0.1	0.42
10	64	Perempuan	100	0.7	0.04	0.66
11	51	laki - laki	92	0.52	0	0.52
12	59	Perempuan	95	1.3	0	1.3
13	51	Perempuan	122	1	0.1	0.9
14	69	Perempuan	117	0.7	0	0.7
15	69	Perempuan	122	1	0.04	0.96
16	60	Perempuan	84	0.7	0.04	0.66
17	66	Perempuan	80	0.82	0.1	0.72
18	78	Perempuan	110	2.08	0.7	1.38
19	65	laki - laki	111	0.52	0	0.52
20	67	Perempuan	122	0.52	0.08	0.44
21	72	Perempuan	125	0.04	0	0.04
22	72	Perempuan	126	0.22	0.04	0.18
23	45	Perempuan	134	2.48	0.1	2.38
24	68	laki - laki	105	1.18	0.15	1.03
25	72	Perempuan	89	0.52	0	0.52
26	63	laki - laki	95	1.3	0.04	1.26
27	74	laki - laki	128	0.82	0	0.82
28	56	Perempuan	102	2.08	0.15	1.93
29	46	laki - laki	89	2.48	0.1	2.38
30	58	Perempuan	70	2.48	0	2.48

Lampiran 4. Karakteristik data.

Descriptives

			Statistic	Std. Error
Pre-op DM	Mean		1.7720	.13172
	95% Confidence Interval for Mean	Lower Bound	1.5026	
		Upper Bound	2.0414	
	5% Trimmed Mean		1.8256	
	Median		1.7800	
	Variance		.520	
	Std. Deviation		.72145	
	Minimum		.04	
	Maximum		2.48	
	Range		2.44	
	Interquartile Range		1.18	
	Skewness		-.724	.427
	Kurtosis		-.194	.833
Post-op DM	Mean		.3377	.07393
	95% Confidence Interval for Mean	Lower Bound	.1865	
		Upper Bound	.4889	
	5% Trimmed Mean		.3004	
	Median		.1650	
	Variance		.164	
	Std. Deviation		.40493	
	Minimum		.00	
	Maximum		1.48	
	Range		1.48	
	Interquartile Range		.37	
	Skewness		1.420	.427
	Kurtosis		1.149	.833
Pre-op NDM	Mean		1.2360	.14243
	95% Confidence Interval for Mean	Lower Bound	.9447	
		Upper Bound	1.5273	
	5% Trimmed Mean		1.2300	
	Median		1.0000	
	Variance		.609	
	Std. Deviation		.78012	
	Minimum		.04	
	Maximum		2.48	
	Range		2.44	
	Interquartile Range		1.43	
	Skewness		.570	.427
	Kurtosis		-1.019	.833
Post-op NDM	Mean		.0953	.02821
	95% Confidence Interval for Mean	Lower Bound	.0376	
		Upper Bound	.1530	
	5% Trimmed Mean		.0704	
	Median		.0400	
	Variance		.024	
	Std. Deviation		.15449	
	Minimum		.00	
	Maximum		.70	
	Range		.70	
	Interquartile Range		.11	
	Skewness		2.903	.427
	Kurtosis		9.132	.833

Statistics

		Karakteristik nilai tajam penglihatan Pre-op DM	Karakteristik nilai tajam penglihatan Post-op DM	Karakteristik nilai tajam penglihatan Pre-op NDM	Karakteristik nilai tajam penglihatan Post-op NDM
N	Valid	30	30	30	30
	Missing	0	0	0	0

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Pre-op DM	30	100.0%	0	.0%	30	100.0%
Post-op DM	30	100.0%	0	.0%	30	100.0%
Pre-op NDM	30	100.0%	0	.0%	30	100.0%
Post-op NDM	30	100.0%	0	.0%	30	100.0%

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Pre-op DM	.237	30	.000	.864	30	.001
Post-op DM	.239	30	.000	.790	30	.000
Pre-op NDM	.170	30	.027	.877	30	.002
Post-op NDM	.269	30	.000	.616	30	.000

a. Lilliefors Significance Correction

Frequency Table

Usia Katarak DM

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 41 - 50	7	23.3	23.3	23.3
51 - 60	14	46.7	46.7	70.0
61 - 70	9	30.0	30.0	100.0
Total	30	100.0	100.0	

Usia Katarak NDM

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 41 - 50	6	20.0	20.0	20.0
51 - 60	7	23.3	23.3	43.3
61 - 70	11	36.7	36.7	80.0
71 - 80	6	20.0	20.0	100.0
Total	30	100.0	100.0	

Gender NDM

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Perempuan	17	56,7	56,7	56.7
laki - laki	13	43,3	43.3	100.0
Total	30	100.0	100.0	

Gender DM

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Perempuan	23	76.7	76.7	76.7
laki - laki	7	23.3	23.3	100.0
Total	30	100.0	100.0	

Hasil Diagnosis DM

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid kanan	16	53.3	53.3	53.3
kiri	14	46.7	46.7	100.0
Total	30	100.0	100.0	

Hasil Diagnosis NDM

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid kanan	15	50.0	50.0	50.0
kiri	15	50.0	50.0	100.0
Total	30	100.0	100.0	

GDS Katarak DM

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 140 - 200 mg/dl	7	23.3	23.3	23.3
>200 mg/dl	23	76.7	76.7	100.0
Total	30	100.0	100.0	

GDS Katarak NDM

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid < 140 mg/dl	30	100.0	100.0	100.0

Karakteristik nilai tajam penglihatan Pre-op DM

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0,00 - 0,48	2	6.7	6.7	6.7
0.52 - 1.00	3	10.0	10.0	16.7
> 1.00	25	83.3	83.3	100.0
Total	30	100.0	100.0	

Karakteristik nilai tajam penglihatan Post-op DM

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0,00 - 0,48	24	80.0	80.0	80.0
0.52 - 1.00	2	6.7	6.7	86.7
> 1.00	4	13.3	13.3	100.0
Total	30	100.0	100.0	

Karakteristik nilai tajam penglihatan Pre-op NDM

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0,00 - 0,48	2	6.7	6.7	6.7
0.52 - 1.00	14	46.7	46.7	53.3
> 1.00	14	46.7	46.7	100.0
Total	30	100.0	100.0	

Karakteristik nilai tajam penglihatan Post-op NDM

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0,00 - 0,48	28	93.3	93.3	93.3
0.52 - 1.00	2	6.7	6.7	100.0
Total	30	100.0	100.0	

Wilcoxon Signed Ranks Test

Ranks

		N	Mean Rank	Sum of Ranks
Post-op DM - Pre-op DM	Negative Ranks	30 ^a	15.50	465.00
	Positive Ranks	0 ^b	.00	.00
	Ties	0 ^c		
	Total	30		
Post-op NDM - Pre-op NDM	Negative Ranks	30 ^d	15.50	465.00
	Positive Ranks	0 ^e	.00	.00
	Ties	0 ^f		
	Total	30		

- a. Post-op DM < Pre-op DM
- b. Post-op DM > Pre-op DM
- c. Post-op DM = Pre-op DM
- d. Post-op NDM < Pre-op NDM
- e. Post-op NDM > Pre-op NDM
- f. Post-op NDM = Pre-op NDM

Test Statistics^b

	Post-op DM - Pre-op DM	Post-op NDM - Pre-op NDM
Z	-4.784 ^a	-4.783 ^a
Asymp. Sig. (2-tailed)	.000	.000

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

Mann-Whitney Test

Ranks

Pasien	N	Mean Rank	Sum of Ranks
Post-op DM	30	36.43	1093.00
NDM	30	24.57	737.00
Total	60		

Test Statistics^a

	Post-op
Mann-Whitney U	272.000
Wilcoxon W	737.000
Z	-2.678
Asymp. Sig. (2-tailed)	.007

- a. Grouping Variable: Pasien