

## DAFTAR PUSTAKA

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## LAMPIRAN

## Explore

## Case Processing Summary

|                          | Valid |         | Cases Missing |         | Total |         |
|--------------------------|-------|---------|---------------|---------|-------|---------|
|                          | N     | Percent | N             | Percent | N     | Percent |
| Usia (Tahun)             | 50    | 100.0%  | 0             | 0.0%    | 50    | 100.0%  |
| Berat Badan (kg)         | 50    | 100.0%  | 0             | 0.0%    | 50    | 100.0%  |
| Tinggi Badan (cm)        | 50    | 100.0%  | 0             | 0.0%    | 50    | 100.0%  |
| Indeks Massa Tubuh (IMT) | 50    | 100.0%  | 0             | 0.0%    | 50    | 100.0%  |
| Lingkar Pinggang (cm)    | 50    | 100.0%  | 0             | 0.0%    | 50    | 100.0%  |
| TDS (Systolic)           | 50    | 100.0%  | 0             | 0.0%    | 50    | 100.0%  |
| TDD (Diastolic)          | 50    | 100.0%  | 0             | 0.0%    | 50    | 100.0%  |
| Total Kolesterol (mg/dL) | 50    | 100.0%  | 0             | 0.0%    | 50    | 100.0%  |
| TG                       | 50    | 100.0%  | 0             | 0.0%    | 50    | 100.0%  |
| LDL                      | 50    | 100.0%  | 0             | 0.0%    | 50    | 100.0%  |
| HDL                      | 50    | 100.0%  | 0             | 0.0%    | 50    | 100.0%  |

## Descriptives

|                                  |                                  | Statistic   | Std. Error |       |
|----------------------------------|----------------------------------|-------------|------------|-------|
| Usia (Tahun)                     | Mean                             | 55.40       | 1.102      |       |
|                                  | 95% Confidence Interval for Mean | Lower Bound | 53.19      |       |
|                                  |                                  | Upper Bound | 57.61      |       |
|                                  | 5% Trimmed Mean                  | 55.37       |            |       |
|                                  | Median                           | 55.50       |            |       |
|                                  | Variance                         | 60.694      |            |       |
|                                  | Std. Deviation                   | 7.791       |            |       |
|                                  | Minimum                          | 41          |            |       |
|                                  | Maximum                          | 70          |            |       |
|                                  | Range                            | 29          |            |       |
|                                  | Interquartile Range              | 12          |            |       |
|                                  | Skewness                         | .065        | .337       |       |
|                                  | Kurtosis                         | -.986       | .662       |       |
|                                  | Berat Badan (kg)                 | Mean        | 81.82      | 1.084 |
| 95% Confidence Interval for Mean |                                  | Lower Bound | 79.64      |       |
|                                  |                                  | Upper Bound | 84.00      |       |
| 5% Trimmed Mean                  |                                  | 81.93       |            |       |
| Median                           |                                  | 81.50       |            |       |
| Variance                         |                                  | 58.804      |            |       |
| Std. Deviation                   |                                  | 7.668       |            |       |
| Minimum                          | 65                               |             |            |       |



|                          |                                  |                                  |             |         |        |
|--------------------------|----------------------------------|----------------------------------|-------------|---------|--------|
| Tinggi Badan (cm)        | Maximum                          |                                  | 95          |         |        |
|                          | Range                            |                                  | 30          |         |        |
|                          | Interquartile Range              |                                  | 13          |         |        |
|                          | Skewness                         |                                  | -.066       | .337    |        |
|                          | Kurtosis                         |                                  | -.846       | .662    |        |
|                          | Mean                             |                                  | 168.54      | 1.053   |        |
|                          | 95% Confidence Interval for Mean | Lower Bound                      |             | 166.42  |        |
|                          |                                  | Upper Bound                      |             | 170.66  |        |
|                          | 5% Trimmed Mean                  |                                  | 168.50      |         |        |
|                          | Median                           |                                  | 167.50      |         |        |
|                          | Variance                         |                                  | 55.478      |         |        |
|                          | Std. Deviation                   |                                  | 7.448       |         |        |
|                          | Minimum                          |                                  | 155         |         |        |
|                          | Maximum                          |                                  | 181         |         |        |
|                          | Range                            |                                  | 26          |         |        |
|                          | Interquartile Range              |                                  | 14          |         |        |
|                          | Skewness                         |                                  | .209        | .337    |        |
| Kurtosis                 |                                  | -1.246                           | .662        |         |        |
| Indeks Massa Tubuh (IMT) | Mean                             |                                  | 28.8072     | .29634  |        |
|                          | 95% Confidence Interval for Mean | Lower Bound                      |             | 28.2117 |        |
|                          |                                  | Upper Bound                      |             | 29.4027 |        |
|                          | 5% Trimmed Mean                  |                                  | 28.7784     |         |        |
|                          | Median                           |                                  | 28.4000     |         |        |
|                          | Variance                         |                                  | 4.391       |         |        |
|                          | Std. Deviation                   |                                  | 2.09545     |         |        |
|                          | Minimum                          |                                  | 23.46       |         |        |
|                          | Maximum                          |                                  | 34.38       |         |        |
|                          | Range                            |                                  | 10.92       |         |        |
|                          | Interquartile Range              |                                  | 2.37        |         |        |
|                          | Skewness                         |                                  | .417        | .337    |        |
|                          | Kurtosis                         |                                  | 1.319       | .662    |        |
|                          | Lingkar Pinggang (cm)            | Mean                             |             | 99.32   | .835   |
|                          |                                  | 95% Confidence Interval for Mean | Lower Bound |         | 97.64  |
|                          |                                  |                                  | Upper Bound |         | 101.00 |
|                          |                                  | 5% Trimmed Mean                  |             | 99.40   |        |
| Median                   |                                  |                                  | 100.00      |         |        |
| Variance                 |                                  |                                  | 34.834      |         |        |
| Std. Deviation           |                                  |                                  | 5.902       |         |        |
| Minimum                  |                                  |                                  | 86          |         |        |
| Maximum                  |                                  |                                  | 110         |         |        |
| Range                    |                                  |                                  | 24          |         |        |
| Interquartile Range      |                                  |                                  | 10          |         |        |
| Skewness                 |                                  |                                  | -.162       | .337    |        |
| Kurtosis                 |                                  |                                  | -.838       | .662    |        |



|                                  |                                  |             |         |        |
|----------------------------------|----------------------------------|-------------|---------|--------|
| TDS (Systolic)                   | Mean                             |             | 141.60  | 1.837  |
|                                  | 95% Confidence Interval for Mean | Lower Bound | 137.91  |        |
|                                  |                                  | Upper Bound | 145.29  |        |
|                                  | 5% Trimmed Mean                  |             | 141.78  |        |
|                                  | Median                           |             | 142.50  |        |
|                                  | Variance                         |             | 168.816 |        |
|                                  | Std. Deviation                   |             | 12.993  |        |
|                                  | Minimum                          |             | 120     |        |
|                                  | Maximum                          |             | 160     |        |
|                                  | Range                            |             | 40      |        |
|                                  | Interquartile Range              |             | 21      |        |
|                                  | Skewness                         |             | -.244   | .337   |
|                                  | Kurtosis                         |             | -1.035  | .662   |
|                                  | TDD (Diastolic)                  | Mean        |         | 91.98  |
| 95% Confidence Interval for Mean |                                  | Lower Bound | 89.51   |        |
|                                  |                                  | Upper Bound | 94.45   |        |
| 5% Trimmed Mean                  |                                  |             | 91.64   |        |
| Median                           |                                  |             | 90.00   |        |
| Variance                         |                                  |             | 75.326  |        |
| Std. Deviation                   |                                  |             | 8.679   |        |
| Minimum                          |                                  |             | 80      |        |
| Maximum                          |                                  |             | 110     |        |
| Range                            |                                  |             | 30      |        |
| Interquartile Range              |                                  |             | 15      |        |
| Skewness                         |                                  |             | .335    | .337   |
| Kurtosis                         |                                  |             | -.437   | .662   |
| Total Kolesterol (mg/dL)         |                                  | Mean        |         | 222.32 |
|                                  | 95% Confidence Interval for Mean | Lower Bound | 214.55  |        |
|                                  |                                  | Upper Bound | 230.09  |        |
|                                  | 5% Trimmed Mean                  |             | 225.21  |        |
|                                  | Median                           |             | 225.00  |        |
|                                  | Variance                         |             | 747.079 |        |
|                                  | Std. Deviation                   |             | 27.333  |        |
|                                  | Minimum                          |             | 126     |        |
|                                  | Maximum                          |             | 259     |        |
|                                  | Range                            |             | 133     |        |
|                                  | Interquartile Range              |             | 28      |        |
|                                  | Skewness                         |             | -1.829  | .337   |
|                                  | Kurtosis                         |             | 4.568   | .662   |
|                                  | TC                               | Mean        |         | 176.02 |
| 95% Confidence Interval for Mean |                                  | Lower Bound | 156.35  |        |
|                                  |                                  | Upper Bound | 195.69  |        |
| 5% Trimmed Mean                  |                                  |             | 176.66  |        |
| Median                           |                                  |             | 175.00  |        |



|     |                                  |             |          |       |
|-----|----------------------------------|-------------|----------|-------|
|     | Variance                         |             | 4791.326 |       |
|     | Std. Deviation                   |             | 69.219   |       |
|     | Minimum                          |             | 51       |       |
|     | Maximum                          |             | 285      |       |
|     | Range                            |             | 234      |       |
|     | Interquartile Range              |             | 121      |       |
|     | Skewness                         |             | -.163    | .337  |
|     | Kurtosis                         |             | -1.240   | .662  |
| LDL | Mean                             |             | 128.98   | 5.095 |
|     | 95% Confidence Interval for Mean | Lower Bound | 118.74   |       |
|     |                                  | Upper Bound | 139.22   |       |
|     | 5% Trimmed Mean                  |             | 128.29   |       |
|     | Median                           |             | 123.50   |       |
|     | Variance                         |             | 1297.898 |       |
|     | Std. Deviation                   |             | 36.026   |       |
|     | Minimum                          |             | 71       |       |
|     | Maximum                          |             | 199      |       |
|     | Range                            |             | 128      |       |
|     | Interquartile Range              |             | 58       |       |
|     | Skewness                         |             | .146     | .337  |
|     | Kurtosis                         |             | -.939    | .662  |
| HDL | Mean                             |             | 55.14    | 2.023 |
|     | 95% Confidence Interval for Mean | Lower Bound | 51.08    |       |
|     |                                  | Upper Bound | 59.20    |       |
|     | 5% Trimmed Mean                  |             | 55.29    |       |
|     | Median                           |             | 56.50    |       |
|     | Variance                         |             | 204.531  |       |
|     | Std. Deviation                   |             | 14.301   |       |
|     | Minimum                          |             | 30       |       |
|     | Maximum                          |             | 78       |       |
|     | Range                            |             | 48       |       |
|     | Interquartile Range              |             | 25       |       |
|     | Skewness                         |             | -.265    | .337  |
|     | Kurtosis                         |             | -1.202   | .662  |



### Tests of Normality

|                          | Kolmogorov-Smirnov <sup>a</sup> |    |       | Shapiro-Wilk |    |       |
|--------------------------|---------------------------------|----|-------|--------------|----|-------|
|                          | Statistic                       | df | Sig.  | Statistic    | df | Sig.  |
| Usia (Tahun)             | .116                            | 50 | .091  | .970         | 50 | .233  |
| Berat Badan (kg)         | .103                            | 50 | .200* | .971         | 50 | .245  |
| Tinggi Badan (cm)        | .123                            | 50 | .058  | .935         | 50 | .008  |
| Indeks Massa Tubuh (IMT) | .138                            | 50 | .018  | .944         | 50 | .019  |
| Lingkar Pinggang (cm)    | .126                            | 50 | .046  | .965         | 50 | .149  |
| TDS (Systolic)           | .111                            | 50 | .170  | .928         | 50 | .005  |
| TDD (Diastolic)          | .150                            | 50 | .007  | .919         | 50 | .002  |
| Total Kolesterol (mg/dL) | .226                            | 50 | <.001 | .816         | 50 | <.001 |
| TG                       | .131                            | 50 | .032  | .942         | 50 | .016  |
| LDL                      | .081                            | 50 | .200* | .962         | 50 | .105  |
| HDL                      | .122                            | 50 | .061  | .939         | 50 | .012  |

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

a. Lilliefors Significance Correction

### Frequencies

|   |         | Jenis Kelamin | Obesity (Ya/Tidak) | HT (Ya/Tidak) | CVD | Konsumsi Kacang2-an (Ya/Tidak) |
|---|---------|---------------|--------------------|---------------|-----|--------------------------------|
| N | Valid   | 50            | 50                 | 50            | 50  | 50                             |
|   | Missing | 0             | 0                  | 0             | 0   | 0                              |

### Statistics

|   |         | Hiperkolesterolemia | Hipertrigliseridemia | Hyper-LDLemia | Hypoalphalipoproteinemia | Sindroma Metabolik (1/0) | HCC |
|---|---------|---------------------|----------------------|---------------|--------------------------|--------------------------|-----|
| N | Valid   | 50                  | 50                   | 50            | 50                       | 50                       | 50  |
|   | Missing | 0                   | 0                    | 0             | 0                        | 0                        | 0   |

### Frequency Table

#### Jenis Kelamin



|       | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-----------|---------|---------------|--------------------|
| 0     | 21        | 42.0    | 42.0          | 42.0               |
| 1     | 29        | 58.0    | 58.0          | 100.0              |
| Total | 50        | 100.0   | 100.0         |                    |

**Obesity (Ya/Tidak)**

|       |       | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|---------------|--------------------|
| Valid | 0     | 2         | 4.0     | 4.0           | 4.0                |
|       | 1     | 48        | 96.0    | 96.0          | 100.0              |
|       | Total | 50        | 100.0   | 100.0         |                    |

**HT (Ya/Tidak)**

|       |       | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|---------------|--------------------|
| Valid | 0     | 17        | 34.0    | 34.0          | 34.0               |
|       | 1     | 33        | 66.0    | 66.0          | 100.0              |
|       | Total | 50        | 100.0   | 100.0         |                    |

**CVD**

|       |       | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|---------------|--------------------|
| Valid | 0     | 36        | 72.0    | 72.0          | 72.0               |
|       | 1     | 14        | 28.0    | 28.0          | 100.0              |
|       | Total | 50        | 100.0   | 100.0         |                    |

**Konsumsi Kacang2-an (Ya/Tidak)**

|       |       | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|---------------|--------------------|
| Valid | 0     | 38        | 76.0    | 76.0          | 76.0               |
|       | 1     | 12        | 24.0    | 24.0          | 100.0              |
|       | Total | 50        | 100.0   | 100.0         |                    |

**Hiperkolesterolemia**

|       |       | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|---------------|--------------------|
| Valid | 0     | 4         | 8.0     | 8.0           | 8.0                |
|       | 1     | 46        | 92.0    | 92.0          | 100.0              |
|       | Total | 50        | 100.0   | 100.0         |                    |

**Hipertriglisieridemia**

|  |       | Frequency | Percent | Valid Percent | Cumulative Percent |
|--|-------|-----------|---------|---------------|--------------------|
|  | 0     | 19        | 38.0    | 38.0          | 38.0               |
|  | 1     | 31        | 62.0    | 62.0          | 100.0              |
|  | Total | 50        | 100.0   | 100.0         |                    |



### Hyper-LDLEmia

|       |       | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|---------------|--------------------|
| Valid | 0     | 12        | 24.0    | 24.0          | 24.0               |
|       | 1     | 38        | 76.0    | 76.0          | 100.0              |
|       | Total | 50        | 100.0   | 100.0         |                    |

### Hypoalipoproteinemia

|       |       | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|---------------|--------------------|
| Valid | 0     | 33        | 66.0    | 66.0          | 66.0               |
|       | 1     | 17        | 34.0    | 34.0          | 100.0              |
|       | Total | 50        | 100.0   | 100.0         |                    |

### Sindroma Metabolik (1/0)

|       |       | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|---------------|--------------------|
| Valid | 0     | 15        | 30.0    | 30.0          | 30.0               |
|       | 1     | 35        | 70.0    | 70.0          | 100.0              |
|       | Total | 50        | 100.0   | 100.0         |                    |

### HCC

|       |       | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|---------------|--------------------|
| Valid | 0     | 12        | 24.0    | 24.0          | 24.0               |
|       | 1     | 38        | 76.0    | 76.0          | 100.0              |
|       | Total | 50        | 100.0   | 100.0         |                    |

### Frequencies Statistics

Staging HCC

|   |         |    |
|---|---------|----|
| N | Valid   | 38 |
|   | Missing | 12 |

### Staging HCC



|  |   | Frequency | Percent | Valid Percent | Cumulative Percent |
|--|---|-----------|---------|---------------|--------------------|
|  | 1 | 9         | 18.0    | 23.7          | 23.7               |
|  | 2 | 9         | 18.0    | 23.7          | 47.4               |
|  | 3 | 12        | 24.0    | 31.6          | 78.9               |
|  | 4 | 8         | 16.0    | 21.1          | 100.0              |

|                |    |       |       |
|----------------|----|-------|-------|
| Total          | 38 | 76.0  | 100.0 |
| Missing System | 12 | 24.0  |       |
| Total          | 50 | 100.0 |       |

## Nonparametric Correlations

### Correlations

|                |                          | Sindroma Metabolik (1/0) | HCC   |
|----------------|--------------------------|--------------------------|-------|
| Spearman's rho | Sindroma Metabolik (1/0) | 1.000                    | .347* |
|                |                          |                          | .013  |
|                |                          | 50                       | 50    |
|                | HCC                      | .347*                    | 1.000 |
|                |                          | .013                     | .     |
|                |                          | 50                       | 50    |

\*. Correlation is significant at the 0.05 level (2-tailed).

## Logistic Regression

### Case Processing Summary

| Unweighted Cases <sup>a</sup> |                      | N  | Percent |
|-------------------------------|----------------------|----|---------|
| Selected Cases                | Included in Analysis | 50 | 100.0   |
|                               | Missing Cases        | 0  | .0      |
|                               | Total                | 50 | 100.0   |
| Unselected Cases              |                      | 0  | .0      |
| Total                         |                      | 50 | 100.0   |

a. If weight is in effect, see classification table for the total number of cases.

## Dependent Variable Encoding

| Original Value | Internal Value |
|----------------|----------------|
| 0              | 0              |
|                | 1              |

0: Beginning Block



**Classification Table<sup>a,b</sup>**

| Observed           | Predicted |    | Percentage Correct |
|--------------------|-----------|----|--------------------|
|                    | 0         | 1  |                    |
| Step 0 HCC 0       | 0         | 12 | .0                 |
| 1                  | 0         | 38 | 100.0              |
| Overall Percentage |           |    | 76.0               |

a. Constant is included in the model.

b. The cut value is .500

**Variables in the Equation**

|                 | B     | S.E. | Wald   | df | Sig.  | Exp(B) |
|-----------------|-------|------|--------|----|-------|--------|
| Step 0 Constant | 1.153 | .331 | 12.117 | 1  | <.001 | 3.167  |

**Variables not in the Equation**

|   | Score | df | Sig. |
|---|-------|----|------|
| Step 0 Variables Sindroma Metabolik (1/0) | 6.036 | 1  | .014 |
| Overall Statistics                        | 6.036 | 1  | .014 |

**Block 1: Method = Enter****Omnibus Tests of Model Coefficients**

|             | Chi-square | df | Sig. |
|-------------|------------|----|------|
| Step 1 Step | 5.672      | 1  | .017 |
| Block       | 5.672      | 1  | .017 |
| Model       | 5.672      | 1  | .017 |

**Model Summary**

| Step | -2 Log likelihood   | Cox & Snell R Square | Nagelkerke R Square |
|------|---------------------|----------------------|---------------------|
| 1    | 49.436 <sup>a</sup> | .107                 | .161                |

a. Estimation terminated at iteration number 4

parameter estimates changed by less than



**Classification Table<sup>a</sup>**

|        | Observed           |   | Predicted |    | Percentage Correct |
|--------|--------------------|---|-----------|----|--------------------|
|        |                    |   | HCC       |    |                    |
|        |                    |   | 0         | 1  |                    |
| Step 1 | HCC                | 0 | 0         | 12 | .0                 |
|        |                    | 1 | 0         | 38 | 100.0              |
|        | Overall Percentage |   |           |    | 76.0               |

a. The cut value is .500

**Variables in the Equation**

|                     |                          | B     | S.E. | Wald  | df | Sig. | Exp(B) | 95% C.I. for EXP(B) Lower |
|---------------------|--------------------------|-------|------|-------|----|------|--------|---------------------------|
| Step 1 <sup>a</sup> | Sindroma Metabolik (1/0) | 1.658 | .708 | 5.486 | 1  | .019 | 5.250  | 1.311                     |
|                     | Constant                 | .134  | .518 | .067  | 1  | .796 | 1.143  |                           |

**Variables in the Equation**

|                     |                          | 95% C.I. for EXP(B) Upper |
|---------------------|--------------------------|---------------------------|
| Step 1 <sup>a</sup> | Sindroma Metabolik (1/0) | 21.026                    |
|                     | Constant                 |                           |

a. Variable(s) entered on step 1: Sindroma Metabolik (1/0).

**Crosstabs****Case Processing Summary**

|                          | Valid |         | Cases Missing |         | Total |         |
|--------------------------|-------|---------|---------------|---------|-------|---------|
|                          | N     | Percent | N             | Percent | N     | Percent |
| Sindroma Metabolik (1/0) | 50    | 100.0%  | 0             | 0.0%    | 50    | 100.0%  |



### HCC \* Sindroma Metabolik (1/0) Crosstabulation

|       |   | Sindroma Metabolik<br>(1/0) |       | Total |        |
|-------|---|-----------------------------|-------|-------|--------|
|       |   | 0                           | 1     |       |        |
| HCC   | 0 | Count                       | 7     | 5     | 12     |
|       |   | % of Total                  | 14.0% | 10.0% | 24.0%  |
|       | 1 | Count                       | 8     | 30    | 38     |
|       |   | % of Total                  | 16.0% | 60.0% | 76.0%  |
| Total |   | Count                       | 15    | 35    | 50     |
|       |   | % of Total                  | 30.0% | 70.0% | 100.0% |

### Chi-Square Tests

|                                    | Value              | df | Asymptotic<br>Significance<br>(2-sided) | Exact Sig. (2-<br>sided) | Exact Sig. (1-<br>sided) |
|------------------------------------|--------------------|----|---|--------------------------|--------------------------|
| Pearson Chi-Square                 | 6.036 <sup>a</sup> | 1  | .014                                    |                          |                          |
| Continuity Correction <sup>b</sup> | 4.391              | 1  | .036                                    |                          |                          |
| Likelihood Ratio                   | 5.672              | 1  | .017                                    |                          |                          |
| Fisher's Exact Test                |                    |    |   | .027                     | .020                     |
| Linear-by-Linear<br>Association    | 5.915              | 1  | .015                                    |                          |                          |
| N of Valid Cases                   | 50                 |    |   |                          |                          |

a. 1 cells (25.0%) have expected count less than 5. The minimum expected count is 3.60.

b. Computed only for a 2x2 table

### NPar Tests

#### Kruskal-Wallis Test

|                                   | Ranks          |    |           |
|-----------------------------------|----------------|----|-----------|
|                                   | Staging<br>HCC | N  | Mean Rank |
| Kadar Kolesterol Total<br>(mg/dL) | 1              | 9  | 11.33     |
|                                   | 2              | 9  | 16.28     |
|                                   | 3              | 12 | 22.79     |
|                                   | 4              | 8  | 27.38     |
|                                   | Total          | 38 |           |



**Test Statistics<sup>a,b</sup>**

| Kadar Kolesterol Total (mg/dL) |        |
|--------------------------------|--------|
| Kruskal-Wallis H               | 10.707 |
| df                             | 3      |
| Asymp. Sig.                    | .013   |

a. Kruskal Wallis Test

b. Grouping Variable: Staging HCC

**Staging HCC****Case Processing Summary**

|                                | Staging HCC | Valid |         | Cases Missing |         | Total |         |
|--------------------------------|-------------|-------|---------|---------------|---------|-------|---------|
|                                |             | N     | Percent | N             | Percent | N     | Percent |
| Kadar Kolesterol Total (mg/dL) | 1           | 9     | 100.0%  | 0             | 0.0%    | 9     | 100.0%  |
|                                | 2           | 9     | 100.0%  | 0             | 0.0%    | 9     | 100.0%  |
|                                | 3           | 12    | 100.0%  | 0             | 0.0%    | 12    | 100.0%  |
|                                | 4           | 8     | 100.0%  | 0             | 0.0%    | 8     | 100.0%  |

**Descriptives**

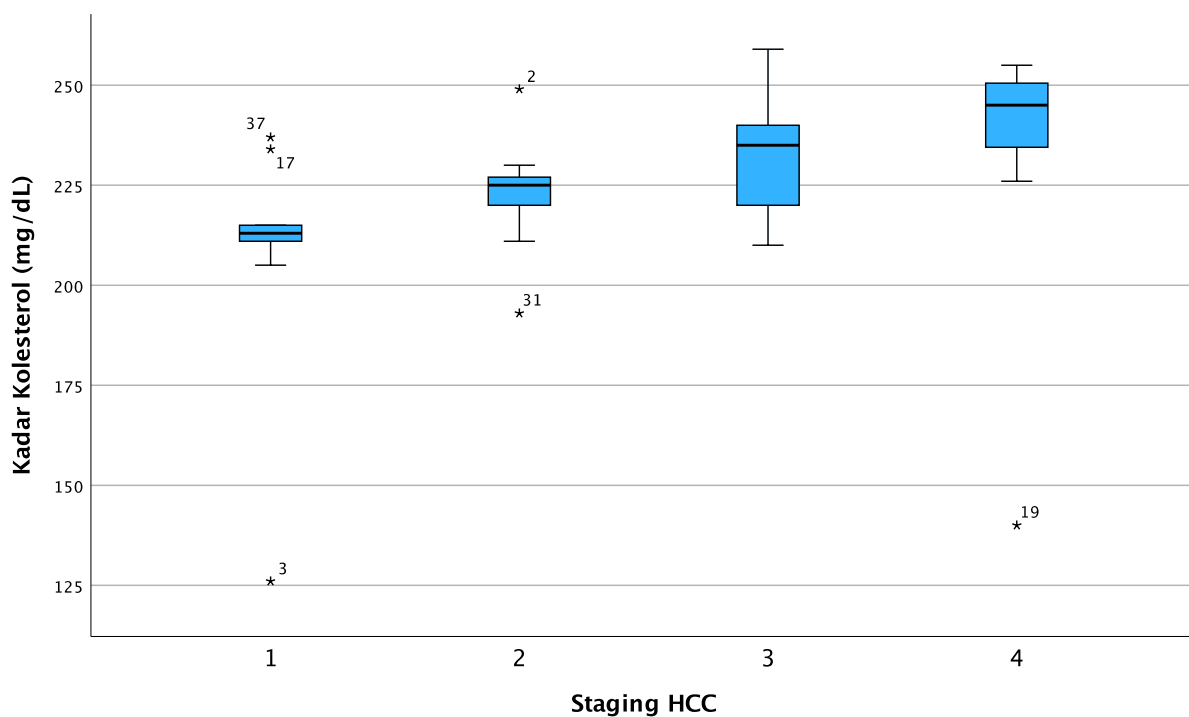
|                                  |             | Staging HCC                      | Statistic   | Std. Error |       |
|----------------------------------|-------------|----------------------------------|-------------|------------|-------|
| Kadar Kolesterol Total (mg/dL)   | 1           | Mean                             | 207.56      | 10.799     |       |
|                                  |             | 95% Confidence Interval for Mean | Lower Bound | 182.65     |       |
|                                  |             |                                  | Upper Bound | 232.46     |       |
|                                  |             | 5% Trimmed Mean                  | 210.45      |            |       |
|                                  |             | Median                           | 213.00      |            |       |
|                                  |             | Variance                         | 1049.528    |            |       |
|                                  |             | Std. Deviation                   | 32.396      |            |       |
|                                  |             | Minimum                          | 126         |            |       |
|                                  |             | Maximum                          | 237         |            |       |
|                                  |             | Range                            | 111         |            |       |
|                                  |             | Interquartile Range              | 17          |            |       |
|                                  |             | Skewness                         | -2.351      | .717       |       |
|                                  |             | Kurtosis                         | 6.490       | 1.400      |       |
|                                  |             | 2                                | Mean        | 222.44     | 5.000 |
| 95% Confidence Interval for Mean | Lower Bound |                                  | 210.91      |            |       |
|                                  | Upper Bound |                                  | 233.98      |            |       |



|  |   |                                  |             |        |
|--|---|----------------------------------|-------------|--------|
|  |   | 5% Trimmed Mean                  | 222.60      |        |
|  |   | Median                           | 225.00      |        |
|  |   | Variance                         | 225.028     |        |
|  |   | Std. Deviation                   | 15.001      |        |
|  |   | Minimum                          | 193         |        |
|  |   | Maximum                          | 249         |        |
|  |   | Range                            | 56          |        |
|  |   | Interquartile Range              | 13          |        |
|  |   | Skewness                         | -.369       | .717   |
|  |   | Kurtosis                         | 2.146       | 1.400  |
|  | 3 | Mean                             | 233.58      | 4.639  |
|  |   | 95% Confidence Interval for Mean | Lower Bound | 223.37 |
|  |   |                                  | Upper Bound | 243.79 |
|  |   | 5% Trimmed Mean                  | 233.48      |        |
|  |   | Median                           | 235.00      |        |
|  |   | Variance                         | 258.265     |        |
|  |   | Std. Deviation                   | 16.071      |        |
|  |   | Minimum                          | 210         |        |
|  |   | Maximum                          | 259         |        |
|  |   | Range                            | 49          |        |
|  |   | Interquartile Range              | 23          |        |
|  |   | Skewness                         | .085        | .637   |
|  |   | Kurtosis                         | -.515       | 1.232  |
|  | 4 | Mean                             | 231.88      | 13.478 |
|  |   | 95% Confidence Interval for Mean | Lower Bound | 200.00 |
|  |   |                                  | Upper Bound | 263.75 |
|  |   | 5% Trimmed Mean                  | 235.69      |        |
|  |   | Median                           | 245.00      |        |
|  |   | Variance                         | 1453.268    |        |
|  |   | Std. Deviation                   | 38.122      |        |
|  |   | Minimum                          | 140         |        |
|  |   | Maximum                          | 255         |        |
|  |   | Range                            | 115         |        |
|  |   | Interquartile Range              | 21          |        |
|  |   | Skewness                         | -2.560      | .752   |
|  |   | Kurtosis                         | 6.765       | 1.481  |



## Kadar Kolesterol Total (mg/dL)



## NPar Tests

### Mann-Whitney Test

|                                | Ranks       |    |           |              |
|--------------------------------|-------------|----|-----------|--------------|
|                                | Staging HCC | N  | Mean Rank | Sum of Ranks |
| Kadar Kolesterol Total (mg/dL) | 1           | 9  | 7.94      | 71.50        |
|                                | 2           | 9  | 11.06     | 99.50        |
|                                | Total       | 18 |           |              |

### Test Statistics<sup>a</sup>

|                     | Kadar Kolesterol Total (mg/dL) |
|---------------------|--------------------------------|
| Mann-Whitney U      | 26.500                         |
| Wilcoxon W          | 71.500                         |
| Z                   | -1.238                         |
| Sig. (2-tailed)     | .216                           |
| Sig. [2*(1-tailed)] | .222 <sup>b</sup>              |

Dependent Variable: Staging HCC  
Corrected for ties.



## NPar Tests Mann-Whitney Test

|                                | Ranks       |    |           | Sum of Ranks |
|--------------------------------|-------------|----|-----------|--------------|
|                                | Staging HCC | N  | Mean Rank |              |
| Kadar Kolesterol Total (mg/dL) | 1           | 9  | 7.28      | 65.50        |
|                                | 3           | 12 | 13.79     | 165.50       |
|                                | Total       | 21 |           |              |

### Test Statistics<sup>a</sup>

|                                | Kadar Kolesterol Total (mg/dL) |
|--------------------------------|--------------------------------|
| Mann-Whitney U                 | 20.500                         |
| Wilcoxon W                     | 65.500                         |
| Z                              | -2.389                         |
| Asymp. Sig. (2-tailed)         | .017                           |
| Exact Sig. [2*(1-tailed Sig.)] | .015 <sup>b</sup>              |

a. Grouping Variable: Staging HCC

b. Not corrected for ties.

## NPar Tests Mann-Whitney Test

|                                | Ranks       |    |           | Sum of Ranks |
|--------------------------------|-------------|----|-----------|--------------|
|                                | Staging HCC | N  | Mean Rank |              |
| Kadar Kolesterol Total (mg/dL) | 1           | 9  | 6.11      | 55.00        |
|                                | 4           | 8  | 12.25     | 98.00        |
|                                | Total       | 17 |           |              |

### Test Statistics<sup>a</sup>

|                                | Kadar Kolesterol Total (mg/dL) |
|--------------------------------|--------------------------------|
| Mann-Whitney U                 | 10.000                         |
| Wilcoxon W                     | 55.000                         |
| Z                              | -2.505                         |
| Sig. (2-tailed)                | .012                           |
| Exact Sig. [2*(1-tailed Sig.)] | .011 <sup>b</sup>              |



Grouping Variable: Staging HCC  
Corrected for ties.

## NPar Tests

### Mann-Whitney Test

|                          | Ranks       |    |           |              |
|--------------------------|-------------|----|-----------|--------------|
|                          | Staging HCC | N  | Mean Rank | Sum of Ranks |
| Kadar Kolesterol (mg/dL) | 2           | 9  | 8.56      | 77.00        |
|                          | 3           | 12 | 12.83     | 154.00       |
|                          | Total       | 21 |           |              |

### Test Statistics<sup>a</sup>

|                                | Kadar Kolesterol Total (mg/dL) |
|--------------------------------|--------------------------------|
| Mann-Whitney U                 | 32.000                         |
| Wilcoxon W                     | 77.000                         |
| Z                              | -1.569                         |
| Asymp. Sig. (2-tailed)         | .117                           |
| Exact Sig. [2*(1-tailed Sig.)] | .129 <sup>b</sup>              |

a. Grouping Variable: Staging HCC

b. Not corrected for ties.

## NPar Tests

### Mann-Whitney Test

|                          | Ranks       |    |           |              |
|--------------------------|-------------|----|-----------|--------------|
|                          | Staging HCC | N  | Mean Rank | Sum of Ranks |
| Kadar Kolesterol (mg/dL) | 2           | 9  | 6.67      | 60.00        |
|                          | 4           | 8  | 11.63     | 93.00        |
|                          | Total       | 17 |           |              |

### Test Statistics<sup>a</sup>

|                                | Kadar Kolesterol Total (mg/dL) |
|--------------------------------|--------------------------------|
| Mann-Whitney U                 | 15.000                         |
| Wilcoxon W                     | 60.000                         |
| Z                              | -2.023                         |
| Asymp. Sig. (2-tailed)         | .043                           |
| Exact Sig. [2*(1-tailed Sig.)] | .046 <sup>b</sup>              |

a. Grouping Variable: Staging HCC

b. Not corrected for ties.



## NPar Tests Mann-Whitney Test

|                          | Ranks       |    |           | Sum of Ranks |
|--------------------------|-------------|----|-----------|--------------|
|                          | Staging HCC | N  | Mean Rank |              |
| Kadar Kolesterol (mg/dL) | 3           | 12 | 9.17      | 110.00       |
|                          | 4           | 8  | 12.50     | 100.00       |
|                          | Total       | 20 |           |              |

### Test Statistics<sup>a</sup>

|                                | Kadar Kolesterol Total (mg/dL) |
|--------------------------------|--------------------------------|
| Mann-Whitney U                 | 32.000                         |
| Wilcoxon W                     | 110.000                        |
| Z                              | -1.238                         |
| Asymp. Sig. (2-tailed)         | .216                           |
| Exact Sig. [2*(1-tailed Sig.)] | .238 <sup>b</sup>              |

a. Grouping Variable: Staging HCC

b. Not corrected for ties.

## Nonparametric Correlations

### Correlations

|                |                          | Sindroma Metabolik (1/0) | Staging HCC |
|----------------|--------------------------|--------------------------|-------------|
| Spearman's rho | Sindroma Metabolik (1/0) | Correlation Coefficient  | 1.000       |
|                |                          | Sig. (2-tailed)          | .652**      |
|                |                          | N                        | .< .001     |
|                | Staging HCC              | Correlation Coefficient  | .652**      |
|                |                          | Sig. (2-tailed)          | 1.000       |
|                |                          | N                        | < .001      |
|                |                          | N                        | 38          |
|                |                          |                          | 38          |

Correlation is significant at the 0.01 level (2-tailed).



## Crosstabs

## Case Processing Summary

|  | Valid |         | Cases Missing |         | Total |         |
|--|-------|---------|---------------|---------|-------|---------|
|  | N     | Percent | N             | Percent | N     | Percent |
| Staging HCC *<br>Sindroma Metabolik<br>(1/0) | 38    | 100.0%  | 0             | 0.0%    | 38    | 100.0%  |

## Staging HCC \* Sindroma Metabolik (1/0) Crosstabulation

|                |                                      |                                      | Sindroma Metabolik<br>(1/0) |        | Total |
|----------------|--------------------------------------|--------------------------------------|-----------------------------|--------|-------|
|                |                                      |                                      | Tidak                       | Ya     |       |
| Staging<br>HCC | 1                                    | Count                                | 7                           | 2      | 9     |
|                |                                      | % within Sindroma<br>Metabolik (1/0) | 87.5%                       | 6.7%   | 23.7% |
|                | 2                                    | Count                                | 1                           | 8      | 9     |
|                |                                      | % within Sindroma<br>Metabolik (1/0) | 12.5%                       | 26.7%  | 23.7% |
|                | 3                                    | Count                                | 0                           | 12     | 12    |
|                |                                      | % within Sindroma<br>Metabolik (1/0) | 0.0%                        | 40.0%  | 31.6% |
|                | 4                                    | Count                                | 0                           | 8      | 8     |
|                |                                      | % within Sindroma<br>Metabolik (1/0) | 0.0%                        | 26.7%  | 21.1% |
| Total          | Count                                | 8                                    | 30                          | 38     |       |
|                | % within Sindroma<br>Metabolik (1/0) | 100.0%                               | 100.0%                      | 100.0% |       |

## Chi-Square Tests

|                              | Value               | df | Asymptotic<br>Significance<br>(2-sided) | Exact<br>Sig. (2-<br>sided) | Exact<br>Sig. (1-<br>sided) | Point<br>Probability |
|------------------------------|---------------------|----|---|-----------------------------|-----------------------------|----------------------|
| Pearson Chi-<br>Square       | 23.293 <sup>a</sup> | 3  | <.001                                   | <.001                       |                             |                      |
| Likelihood<br>Ratio          | 23.300              | 3  | <.001                                   | <.001                       |                             |                      |
| Fisher-<br>Freeman-<br>Exact | 18.398              |    |   | <.001                       |                             |                      |



|                              |                     |   |       |       |       |      |
|------------------------------|---------------------|---|-------|-------|-------|------|
| Linear-by-Linear Association | 16.296 <sup>b</sup> | 1 | <.001 | <.001 | <.001 | .000 |
| N of Valid Cases             | 38                  |   |       |       |       |      |

a. 4 cells (50.0%) have expected count less than 5. The minimum expected count is 1.68.

b. The standardized statistic is 4.037.

## Nonparametric Correlations

### Correlations

|                          |                         | Usia (Tahun) | Berat Badan (kg) | Tinggi Badan (cm) |
|--------------------------|-------------------------|--------------|------------------|-------------------|
| Spearman's rho           | Usia (Tahun)            | 1.000        | .556**           | .136              |
|                          | Correlation Coefficient |              |                  |                   |
|                          | Sig. (2-tailed)         | .            | <.001            | .414              |
|                          | N                       | 38           | 38               | 38                |
| Berat Badan (kg)         | Usia (Tahun)            | .556**       | 1.000            | .712**            |
|                          | Correlation Coefficient |              |                  |                   |
|                          | Sig. (2-tailed)         | <.001        | .                | <.001             |
|                          | N                       | 38           | 38               | 38                |
| Tinggi Badan (cm)        | Usia (Tahun)            | .136         | .712**           | 1.000             |
|                          | Correlation Coefficient |              |                  |                   |
|                          | Sig. (2-tailed)         | .414         | <.001            | .                 |
|                          | N                       | 38           | 38               | 38                |
| Indeks Massa Tubuh (IMT) | Usia (Tahun)            | .581**       | .457**           | -.211             |
|                          | Correlation Coefficient |              |                  |                   |
|                          | Sig. (2-tailed)         | <.001        | .004             | .204              |
|                          | N                       | 38           | 38               | 38                |
| Lingkar Pinggang (cm)    | Usia (Tahun)            | .666**       | .828**           | .318              |
|                          | Correlation Coefficient |              |                  |                   |
|                          | Sig. (2-tailed)         | <.001        | <.001            | .052              |
|                          | N                       | 38           | 38               | 38                |
| TDS (Systolic)           | Usia (Tahun)            | .732**       | .773**           | .336*             |
|                          | Correlation Coefficient |              |                  |                   |
|                          | Sig. (2-tailed)         | <.001        | <.001            | .039              |
|                          | N                       | 38           | 38               | 38                |
| TDD (Diastolic)          | Usia (Tahun)            | .718**       | .805**           | .354*             |
|                          | Correlation Coefficient |              |                  |                   |
|                          | Sig. (2-tailed)         | <.001        | <.001            | .029              |
|                          | N                       | 38           | 38               | 38                |



|             |                         |        |        |       |
|-------------|-------------------------|--------|--------|-------|
| Staging HCC | Correlation Coefficient | .675** | .770** | .348* |
|             | Sig. (2-tailed)         | <.001  | <.001  | .032  |
|             | N                       | 38     | 38     | 38    |

### Correlations

|                          |                         | Indeks Massa Tubuh (IMT) | Lingkar Pinggang (cm) | TDS (Systolic) |
|--------------------------|-------------------------|--------------------------|-----------------------|----------------|
| Spearman's rho           | Usia (Tahun)            | .581**                   | .666**                | .732**         |
|                          | Correlation Coefficient | .581**                   | .666**                | .732**         |
|                          | Sig. (2-tailed)         | <.001                    | <.001                 | <.001          |
|                          | N                       | 38                       | 38                    | 38             |
| Berat Badan (kg)         | Correlation Coefficient | .457**                   | .828**                | .773**         |
|                          | Sig. (2-tailed)         | .004                     | <.001                 | <.001          |
|                          | N                       | 38                       | 38                    | 38             |
| Tinggi Badan (cm)        | Correlation Coefficient | -.211                    | .318                  | .336*          |
|                          | Sig. (2-tailed)         | .204                     | .052                  | .039           |
|                          | N                       | 38                       | 38                    | 38             |
| Indeks Massa Tubuh (IMT) | Correlation Coefficient | 1.000                    | .763**                | .654**         |
|                          | Sig. (2-tailed)         | .                        | <.001                 | <.001          |
|                          | N                       | 38                       | 38                    | 38             |
| Lingkar Pinggang (cm)    | Correlation Coefficient | .763**                   | 1.000                 | .865**         |
|                          | Sig. (2-tailed)         | <.001                    | .                     | <.001          |
|                          | N                       | 38                       | 38                    | 38             |
| TDS (Systolic)           | Correlation Coefficient | .654**                   | .865**                | 1.000          |
|                          | Sig. (2-tailed)         | <.001                    | <.001                 | .              |
|                          | N                       | 38                       | 38                    | 38             |
| TDD (Diastolic)          | Correlation Coefficient | .679**                   | .885**                | .978**         |
|                          | Sig. (2-tailed)         | <.001                    | <.001                 | <.001          |
|                          | N                       | 38                       | 38                    | 38             |



|             |                         |        |        |        |
|-------------|-------------------------|--------|--------|--------|
| Staging HCC | Correlation Coefficient | .598** | .844** | .866** |
|             | Sig. (2-tailed)         | <.001  | <.001  | <.001  |
|             | N                       | 38     | 38     | 38     |

\*\* . Correlation is significant at the 0.01 level (2-tailed).

\* . Correlation is significant at the 0.05 level (2-tailed).

## Crosstabs

### Jenis Kelamin \* Staging HCC

#### Crosstab

|               |                        | Staging HCC            |       |       |       | Total  |        |
|---------------|------------------------|------------------------|-------|-------|-------|--------|--------|
|               |                        | 1                      | 2     | 3     | 4     |        |        |
| Jenis Kelamin | Perempuan              | Count                  | 4     | 3     | 5     | 2      | 14     |
|               |                        | % within Jenis Kelamin | 28.6% | 21.4% | 35.7% | 14.3%  | 100.0% |
|               | Laki-laki              | Count                  | 5     | 6     | 7     | 6      | 24     |
|               |                        | % within Jenis Kelamin | 20.8% | 25.0% | 29.2% | 25.0%  | 100.0% |
| Total         | Count                  | 9                      | 9     | 12    | 8     | 38     |        |
|               | % within Jenis Kelamin | 23.7%                  | 23.7% | 31.6% | 21.1% | 100.0% |        |

#### Chi-Square Tests

|   | Value             | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) | Point Probability |
|---|-------------------|----|-----------------------------------|----------------------|----------------------|-------------------|
| Pearson Chi-Square                          | .873 <sup>a</sup> | 3  | .832                              | .882                 |                      |                   |
| Likelihood Ratio                            | .896              | 3  | .826                              | .882                 |                      |                   |
| Fisher-<br>Freeman-<br>Halton Exact<br>Test | .976              |    |                                   | .882                 |                      |                   |
| Linear-by-<br>Linear<br>Association         | .385 <sup>b</sup> | 1  | .535                              | .644                 | .322                 | .102              |
| N of Valid                                  | 38                |    |                                   |                      |                      |                   |



s (50.0%) have expected count less than 5. The minimum expected count is 2.95. The standardized statistic is .620.

## CVD \* Staging HCC

### Crosstab

|       |       | Staging HCC  |       |       |       | Total |        |
|-------|-------|--------------|-------|-------|-------|-------|--------|
|       |       | 1            | 2     | 3     | 4     |       |        |
| CVD   | Tidak | Count        | 9     | 6     | 7     | 4     | 26     |
|       |       | % within CVD | 34.6% | 23.1% | 26.9% | 15.4% | 100.0% |
|       | Ya    | Count        | 0     | 3     | 5     | 4     | 12     |
|       |       | % within CVD | 0.0%  | 25.0% | 41.7% | 33.3% | 100.0% |
| Total |       | Count        | 9     | 9     | 12    | 8     | 38     |
|       |       | % within CVD | 23.7% | 23.7% | 31.6% | 21.1% | 100.0% |

### Chi-Square Tests

|                                  | Value              | df | Asymptotic<br>Significance<br>(2-sided) | Exact<br>Sig. (2-<br>sided) | Exact<br>Sig. (1-<br>sided) | Point<br>Probability |
|----------------------------------|--------------------|----|---|-----------------------------|-----------------------------|----------------------|
| Pearson Chi-Square               | 5.988 <sup>a</sup> | 3  | .112                                    | .130                        |                             |                      |
| Likelihood Ratio                 | 8.550              | 3  | .036                                    | .067                        |                             |                      |
| Fisher-Freeman-Halton Exact Test | 6.492              |    |   | .090                        |                             |                      |
| Linear-by-Linear Association     | 5.076 <sup>b</sup> | 1  | .024                                    | .034                        | .017                        | .010                 |
| N of Valid Cases                 | 38                 |    |   |                             |                             |                      |

a. 4 cells (50.0%) have expected count less than 5. The minimum expected count is 2.53.

b. The standardized statistic is 2.253.



## Correlations

|                   |                             |                            | TDD<br>(Diastolic) | Staging<br>HCC |
|-------------------|-----------------------------|----------------------------|--------------------|----------------|
| Spearman's<br>rho | Usia (Tahun)                | Correlation<br>Coefficient | .718**             | .675**         |
|                   |                             | Sig. (2-tailed)            | <.001              | <.001          |
|                   |                             | N                          | 38                 | 38             |
|                   | Berat Badan (kg)            | Correlation<br>Coefficient | .805**             | .770**         |
|                   |                             | Sig. (2-tailed)            | <.001              | <.001          |
|                   |                             | N                          | 38                 | 38             |
|                   | Tinggi Badan (cm)           | Correlation<br>Coefficient | .354*              | .348*          |
|                   |                             | Sig. (2-tailed)            | .029               | .032           |
|                   |                             | N                          | 38                 | 38             |
|                   | Indeks Massa Tubuh<br>(IMT) | Correlation<br>Coefficient | .679**             | .598**         |
|                   |                             | Sig. (2-tailed)            | <.001              | <.001          |
|                   |                             | N                          | 38                 | 38             |
|                   | Lingkar Pinggang (cm)       | Correlation<br>Coefficient | .885**             | .844**         |
|                   |                             | Sig. (2-tailed)            | <.001              | <.001          |
|                   |                             | N                          | 38                 | 38             |
|                   | TDS (Systolic)              | Correlation<br>Coefficient | .978**             | .866**         |
|                   |                             | Sig. (2-tailed)            | <.001              | <.001          |
|                   |                             | N                          | 38                 | 38             |
|                   | TDD (Diastolic)             | Correlation<br>Coefficient | 1.000              | .863**         |
|                   |                             | Sig. (2-tailed)            | .                  | <.001          |
|                   |                             | N                          | 38                 | 38             |
|                   | Staging HCC                 | Correlation<br>Coefficient | .863**             | 1.000          |
|                   |                             | Sig. (2-tailed)            | <.001              | .              |
|                   |                             | N                          | 38                 | 38             |

