FREQUENCIES VARIABLES=gradeKAkongesti

/ORDER=ANALYSIS.

**Frequencies**

|  |  |  |
| --- | --- | --- |
| **Statistics** | | |
| gradeKAkongesti | | |
| N | Valid | 20 |
| Missing | 0 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **gradeKAkongesti** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | ,00 | 11 | 55,0 | 55,0 | 55,0 |
| 1,00 | 9 | 45,0 | 45,0 | 100,0 |
| Total | 20 | 100,0 | 100,0 |  |

|  |  |  |
| --- | --- | --- |
| **Statistics** | | |
| gradeKAcast | | |
| N | Valid | 20 |
| Missing | 0 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **gradeKAcast** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | ,00 | 17 | 85,0 | 85,0 | 85,0 |
| 1,00 | 3 | 15,0 | 15,0 | 100,0 |
| Total | 20 | 100,0 | 100,0 |  |

|  |  |  |
| --- | --- | --- |
| **Statistics** | | |
| gradeKAinflamasi | | |
| N | Valid | 20 |
| Missing | 0 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **gradeKAinflamasi** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | ,00 | 20 | 100,0 | 100,0 | 100,0 |

|  |  |  |
| --- | --- | --- |
| **Statistics** | | |
| gradeKAdegenerasi | | |
| N | Valid | 20 |
| Missing | 0 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **gradeKAdegenerasi** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | ,00 | 11 | 55,0 | 55,0 | 55,0 |
| 1,00 | 9 | 45,0 | 45,0 | 100,0 |
| Total | 20 | 100,0 | 100,0 |  |

**NPar Tests**

**Kruskal-Wallis Test**

|  |  |  |  |
| --- | --- | --- | --- |
| **Ranks** | | | |
|  | kelompok | N | Mean Rank |
| gradeKAkongesti | 1,00 | 5 | 6,00 |
| 2,00 | 5 | 8,00 |
| 3,00 | 5 | 12,00 |
| 4,00 | 5 | 16,00 |
| Total | 20 |  |
| gradeKAinflamasi | 1,00 | 5 | 10,50 |
| 2,00 | 5 | 10,50 |
| 3,00 | 5 | 10,50 |
| 4,00 | 5 | 10,50 |
| Total | 20 |  |
| gradeKAcast | 1,00 | 5 | 9,00 |
| 2,00 | 5 | 9,00 |
| 3,00 | 5 | 9,00 |
| 4,00 | 5 | 15,00 |
| Total | 20 |  |
| gradeKAdegenerasi | 1,00 | 5 | 6,00 |
| 2,00 | 5 | 12,00 |
| 3,00 | 5 | 8,00 |
| 4,00 | 5 | 16,00 |
| Total | 20 |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Statisticsa,b** | | | | |
|  | gradeKAkongesti | gradeKAinflamasi | gradeKAcast | gradeKAdegenerasi |
| Chi-Square | 11,323 | ,000 | 10,059 | 11,323 |
| df | 3 | 3 | 3 | 3 |
| Asymp. Sig. | ,010 | 1,000 | ,018 | ,010 |
| a. Kruskal Wallis Test | | | | |
| b. Grouping Variable: kelompok | | | | |

**NPar Tests**

**Mann-Whitney Test**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Ranks** | | | | |
|  | kelompok | N | Mean Rank | Sum of Ranks |
| gradeKAkongesti | 1,00 | 5 | 5,00 | 25,00 |
| 2,00 | 5 | 6,00 | 30,00 |
| Total | 10 |  |  |
| gradeKAcast | 1,00 | 5 | 5,50 | 27,50 |
| 2,00 | 5 | 5,50 | 27,50 |
| Total | 10 |  |  |
| gradeKAinflamasi | 1,00 | 5 | 5,50 | 27,50 |
| 2,00 | 5 | 5,50 | 27,50 |
| Total | 10 |  |  |
| gradeKAdegenerasi | 1,00 | 5 | 4,00 | 20,00 |
| 2,00 | 5 | 7,00 | 35,00 |
| Total | 10 |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Statisticsa** | | | | |
|  | gradeKAkongesti | gradeKAcast | gradeKAinflamasi | gradeKAdegenerasi |
| Mann-Whitney U | 10,000 | 12,500 | 12,500 | 5,000 |
| Wilcoxon W | 25,000 | 27,500 | 27,500 | 20,000 |
| Z | -1,000 | ,000 | ,000 | -1,964 |
| Asymp. Sig. (2-tailed) | ,317 | 1,000 | 1,000 | ,050 |
| Exact Sig. [2\*(1-tailed Sig.)] | ,690b | 1,000b | 1,000b | ,151b |
| a. Grouping Variable: kelompok | | | | |
| b. Not corrected for ties. | | | | |

**NPar Tests**

**Mann-Whitney Test**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Ranks** | | | | |
|  | kelompok | N | Mean Rank | Sum of Ranks |
| gradeKAkongesti | 1,00 | 5 | 4,00 | 20,00 |
| 3,00 | 5 | 7,00 | 35,00 |
| Total | 10 |  |  |
| gradeKAcast | 1,00 | 5 | 5,50 | 27,50 |
| 3,00 | 5 | 5,50 | 27,50 |
| Total | 10 |  |  |
| gradeKAdegenerasi | 1,00 | 5 | 5,00 | 25,00 |
| 3,00 | 5 | 6,00 | 30,00 |
| Total | 10 |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Statisticsa** | | | |
|  | gradeKAkongesti | gradeKAcast | gradeKAdegenerasi |
| Mann-Whitney U | 5,000 | 12,500 | 10,000 |
| Wilcoxon W | 20,000 | 27,500 | 25,000 |
| Z | -1,964 | ,000 | -1,000 |
| Asymp. Sig. (2-tailed) | ,050 | 1,000 | ,317 |
| Exact Sig. [2\*(1-tailed Sig.)] | ,151b | 1,000b | ,690b |
| a. Grouping Variable: kelompok | | | |
| b. Not corrected for ties. | | | |

**NPar Tests**

**Mann-Whitney Test**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Ranks** | | | | |
|  | kelompok | N | Mean Rank | Sum of Ranks |
| gradeKAkongesti | 1,00 | 5 | 3,00 | 15,00 |
| 4,00 | 5 | 8,00 | 40,00 |
| Total | 10 |  |  |
| gradeKAcast | 1,00 | 5 | 4,00 | 20,00 |
| 4,00 | 5 | 7,00 | 35,00 |
| Total | 10 |  |  |
| gradeKAdegenerasi | 1,00 | 5 | 3,00 | 15,00 |
| 4,00 | 5 | 8,00 | 40,00 |
| Total | 10 |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Statisticsa** | | | |
|  | gradeKAkongesti | gradeKAcast | gradeKAdegenerasi |
| Mann-Whitney U | ,000 | 5,000 | ,000 |
| Wilcoxon W | 15,000 | 20,000 | 15,000 |
| Z | -3,000 | -1,964 | -3,000 |
| Asymp. Sig. (2-tailed) | ,003 | ,050 | ,003 |
| Exact Sig. [2\*(1-tailed Sig.)] | ,008b | ,151b | ,008b |
| a. Grouping Variable: kelompok | | | |
| b. Not corrected for ties. | | | |

**NPar Tests**

**Mann-Whitney Test**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Ranks** | | | | |
|  | kelompok | N | Mean Rank | Sum of Ranks |
| gradeKAkongesti | 2,00 | 5 | 4,50 | 22,50 |
| 3,00 | 5 | 6,50 | 32,50 |
| Total | 10 |  |  |
| gradeKAcast | 2,00 | 5 | 5,50 | 27,50 |
| 3,00 | 5 | 5,50 | 27,50 |
| Total | 10 |  |  |
| gradeKAdegenerasi | 2,00 | 5 | 6,50 | 32,50 |
| 3,00 | 5 | 4,50 | 22,50 |
| Total | 10 |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Statisticsa** | | | |
|  | gradeKAkongesti | gradeKAcast | gradeKAdegenerasi |
| Mann-Whitney U | 7,500 | 12,500 | 7,500 |
| Wilcoxon W | 22,500 | 27,500 | 22,500 |
| Z | -1,225 | ,000 | -1,225 |
| Asymp. Sig. (2-tailed) | ,221 | 1,000 | ,221 |
| Exact Sig. [2\*(1-tailed Sig.)] | ,310b | 1,000b | ,310b |
| a. Grouping Variable: kelompok | | | |
| b. Not corrected for ties. | | | |

**NPar Tests**

**Mann-Whitney Test**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Ranks** | | | | |
|  | kelompok | N | Mean Rank | Sum of Ranks |
| gradeKAkongesti | 2,00 | 5 | 3,50 | 17,50 |
| 4,00 | 5 | 7,50 | 37,50 |
| Total | 10 |  |  |
| gradeKAcast | 2,00 | 5 | 4,00 | 20,00 |
| 4,00 | 5 | 7,00 | 35,00 |
| Total | 10 |  |  |
| gradeKAdegenerasi | 2,00 | 5 | 4,50 | 22,50 |
| 4,00 | 5 | 6,50 | 32,50 |
| Total | 10 |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Statisticsa** | | | |
|  | gradeKAkongesti | gradeKAcast | gradeKAdegenerasi |
| Mann-Whitney U | 2,500 | 5,000 | 7,500 |
| Wilcoxon W | 17,500 | 20,000 | 22,500 |
| Z | -2,449 | -1,964 | -1,500 |
| Asymp. Sig. (2-tailed) | ,014 | ,050 | ,134 |
| Exact Sig. [2\*(1-tailed Sig.)] | ,032b | ,151b | ,310b |
| a. Grouping Variable: kelompok | | | |
| b. Not corrected for ties. | | | |

**NPar Tests**

**Mann-Whitney Test**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Ranks** | | | | |
|  | kelompok | N | Mean Rank | Sum of Ranks |
| gradeKAkongesti | 3,00 | 5 | 4,50 | 22,50 |
| 4,00 | 5 | 6,50 | 32,50 |
| Total | 10 |  |  |
| gradeKAcast | 3,00 | 5 | 4,00 | 20,00 |
| 4,00 | 5 | 7,00 | 35,00 |
| Total | 10 |  |  |
| gradeKAdegenerasi | 3,00 | 5 | 3,50 | 17,50 |
| 4,00 | 5 | 7,50 | 37,50 |
| Total | 10 |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Statisticsa** | | | |
|  | gradeKAkongesti | gradeKAcast | gradeKAdegenerasi |
| Mann-Whitney U | 7,500 | 5,000 | 2,500 |
| Wilcoxon W | 22,500 | 20,000 | 17,500 |
| Z | -1,500 | -1,964 | -2,449 |
| Asymp. Sig. (2-tailed) | ,134 | ,050 | ,014 |
| Exact Sig. [2\*(1-tailed Sig.)] | ,310b | ,151b | ,032b |
| a. Grouping Variable: kelompok | | | |
| b. Not corrected for ties. | | | |