**Oneway**

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| **Notes** |  |  |
| Output Created |  | 16-OCT-2024 11:43:34 |
| Comments |  |  |
| Input | Data | C:\Doktorski Študij\4 Projekti\01 - BAS4SC\Case Study\BAS4SC\_Case\_study\_Book3\_SPSS.sav |
| Active Dataset | DataSet5 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 200 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| Cases Used | Statistics for each analysis are based on cases with no missing data for any variable in the analysis. |
| Syntax |  | ONEWAY Delivery\_Time\_days BY Transport\_Mode\_Num /ES=OVERALL /MISSING ANALYSIS /CRITERIA=CILEVEL(0.95) /POSTHOC=TUKEY BONFERRONI ALPHA(0.05). |
| Resources | Processor Time | 00:00:00,00 |
| Elapsed Time | 00:00:00,02 |

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| **ANOVA** |  |  |  |  |  |
| Delivery Time (days) |  |  |  |  |  |
|  | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | 19,975 | 2 | 9,988 | 2,604 | ,077 |
| Within Groups | 755,633 | 197 | 3,836 |  |  |
| Total | 775,608 | 199 |  |  |  |

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| **ANOVA Effect Sizes**a,b |  |  |  |  |
|  |  | Point Estimate | 95% Confidence Interval |  |
|  | Lower | Upper |
| Delivery Time (days) | Eta-squared | ,026 | ,000 | ,077 |
| Epsilon-squared | ,016 | -,010 | ,068 |
| Omega-squared Fixed-effect | ,016 | -,010 | ,067 |
| Omega-squared Random-effect | ,008 | -,005 | ,035 |

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| --- | --- | --- | --- | --- |
| a. Eta-squared and Epsilon-squared are estimated based on the fixed-effect model. |  |  |  |  |
| b. Negative but less biased estimates are retained, not rounded to zero. |  |  |  |  |

**Post Hoc Tests**

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| **Multiple Comparisons** |  |  |  |  |
| Dependent Variable: Delivery Time (days) |  |  |  |  |
|  | (I) Transport\_Mode\_Num | (J) Transport\_Mode\_Num | Mean Difference (I-J) | Std. Error |
|
| Tukey HSD | 1,00 | 2,00 | ,66186 | ,33841 |
| 3,00 | -,01045 | ,34093 |
| 2,00 | 1,00 | -,66186 | ,33841 |
| 3,00 | -,67231 | ,33841 |
| 3,00 | 1,00 | ,01045 | ,34093 |
| 2,00 | ,67231 | ,33841 |
| Bonferroni | 1,00 | 2,00 | ,66186 | ,33841 |
| 3,00 | -,01045 | ,34093 |
| 2,00 | 1,00 | -,66186 | ,33841 |
| 3,00 | -,67231 | ,33841 |
| 3,00 | 1,00 | ,01045 | ,34093 |
| 2,00 | ,67231 | ,33841 |

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| **Multiple Comparisons** |  |  |  |  |
| Dependent Variable: Delivery Time (days) |  |  |  |  |
|  | (I) Transport\_Mode\_Num | (J) Transport\_Mode\_Num | Sig. | 95% Confidence Interval |
| Lower Bound |
| Tukey HSD | 1,00 | 2,00 | ,126 | -,1373 |
| 3,00 | ,999 | -,8156 |
| 2,00 | 1,00 | ,126 | -1,4610 |
| 3,00 | ,118 | -1,4715 |
| 3,00 | 1,00 | ,999 | -,7947 |
| 2,00 | ,118 | -,1269 |
| Bonferroni | 1,00 | 2,00 | ,156 | -,1553 |
| 3,00 | 1,000 | -,8337 |
| 2,00 | 1,00 | ,156 | -1,4790 |
| 3,00 | ,145 | -1,4894 |
| 3,00 | 1,00 | 1,000 | -,8128 |
| 2,00 | ,145 | -,1448 |

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| **Multiple Comparisons** |  |  |  |
| Dependent Variable: Delivery Time (days) |  |  |  |
|  | (I) Transport\_Mode\_Num | (J) Transport\_Mode\_Num | 95% Confidence Interval |
| Upper Bound |
| Tukey HSD | 1,00 | 2,00 | 1,4610 |
| 3,00 | ,7947 |
| 2,00 | 1,00 | ,1373 |
| 3,00 | ,1269 |
| 3,00 | 1,00 | ,8156 |
| 2,00 | 1,4715 |
| Bonferroni | 1,00 | 2,00 | 1,4790 |
| 3,00 | ,8128 |
| 2,00 | 1,00 | ,1553 |
| 3,00 | ,1448 |
| 3,00 | 1,00 | ,8337 |
| 2,00 | 1,4894 |

**Homogeneous Subsets**

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| --- | --- | --- | --- |
| **Delivery Time (days)** |  |  |  |
|  | Transport\_Mode\_Num | N | Subset for alpha = 0.05 |
| 1 |
| Tukey HSDa,b | 2,00 | 68 | 4,7313 |
| 1,00 | 66 | 5,3932 |
| 3,00 | 66 | 5,4036 |
| Sig. |  | ,119 |

|  |  |  |  |
| --- | --- | --- | --- |
| Means for groups in homogeneous subsets are displayed. |  |  |  |
| a. Uses Harmonic Mean Sample Size = 66,653. |  |  |  |
| b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed. |  |  |  |