Data Format for Non-Parametric Hypothesis Tests (Minitab) – Spring 2021 Dr. Joan Burtner

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| --- | --- | --- |
| *Response column*  *Factor column* | *Separate Columns for Each Level of the Response* | *Calculated Difference Scores* |
| Kruskal-Wallis  TimeABC CalculatorABC |  |  |
| Mood Median  TimeABC CalculatorABC |  |  |
| Mood Median  Seconds a or b |  |  |
|  | Mann-Whitney  NurseA NurseB  pharmacya pharmacyb  Two-level test |  |
|  | Original before-after data  Original paired sample data  Two-level test | One sample Wilcoxon  pharmacy |
|  | 1-sample Sign (Wilcoxon) one level test against a single value DoctorL |  |
|  |  |  |

If the data is not provided in the correct format for the desired hypothesis test, reformat the data in new columns in the Minitab worksheet.