Between subjects: Type of diet: control versus Atkins

Repeated Measures: Weight over time (5 time measurements)

Research Question: Is there a difference in weight profiles due to the type of diet a person uses? So is there an interaction between diet and weight over time?

Assumptions:

Missing data

Outliers

Multicollinearity

Normality

Linearity

Homogeneity

Multivariate Tests:

* Flatness:
* Parallelism:

Between Subjects Tests:

* Levels:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Time 1 F-value | Time 2 F-value | Time 3 F-value | Time 4 F-value | Time 5 F-value |
|  |  |  |  |  |

\*\* you will not need a post hoc Tukey because there are only two groups.

|  |  |
| --- | --- |
| Control F-value | Atkins F-value |
|  |  |

Dependent t-test follow ups:

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |