Intro Stats Assignment

A table with numbers and text

Description automatically generated**Hypothesis**: There is a correlation between lack of fruit consumption and increased obesity rates, seen in states like Mississippi (high obesity rae) and Vermont (low obesity rate).

The data table and subsequently calculated R-value show that there is a high correlation (close to 1) between the percentages of fruit intake less than once a day and obesity. This explains why in a state like Mississippi, with a high percentage of adults that don’t much fruit, there will also be a comparatively high percentage of obesity. The opposite can be seen in a state like Vermont, which has one of the lowest obesity rates and one of the lowest rates of adults that don’t eat fruits.