13.\_\_\_\_ Statistical Analysis: (4)

What were the descriptive statistics used to analyze data?

What data were analyzed by which specific descriptive statistic?

What were the inferential statistics used to analyze data?

Complete the table below for data analyzed using inferential statistics (see example in blue) that includes: purpose of analysis; statistical procedure; statistic; result and; specific probability found (add rows as needed).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Purpose of analysis*** | ***Statistical procedure*** | ***Statistic*** | ***Result*** | ***Probability (p)*** |
|  |  |  |  |  |
|  |  |  |  |  |

**Example**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Purpose of analysis*** | ***Statistical procedure*** | ***Statistic*** | ***Result*** | ***Probability (p)*** |
| *Difference between the age of male and female students* | *t-test* | *t* | *3.75* | *p = .04* |
| *Relationship of pain perception and anxiety* | *Pearson’s correlation* | *r* | *0.56* | *p = .03* |