**Three Observable Trends**

Based on the data of the assignment it shows that the tumor response to the treatment that the tumor decreases when using the capomulin drug. While using the other drug it shows that the tumor will increase. Based on the metastatic response to the treatment it shows that the level of Capomulin is lower compared to the other drug. According to the study it shows that Capomulin helps reduce the tumor size and it helps to improve the survival odds.

In the second observed trend it shows that the tumor volume change that the level is lower for the Capomulin drug compared to the other drugs. And shows that other drugs are higher. The Survival Rate**-** it shows that the count of mouse that uses the capomulin drug is higher than any other drugs that is being used. According to the data They are more survival rate when using the Capomulin drug. Also, while using the Infubinol it shows it suppress metastasis, the survival rate of the test group that are using this drug is the only group that have a lower rate than placebo.

Thirdly, the Ketapril drug appears to be borderline dangerous – In the data it shows survival outcomes roughly equivalent to placebo, and this is the only drug which allowed for greater tumor volume and rate of metastasis vs. placebo.In conclusion, the capomulin drug is the one the reduces the tumor based on the data. If the mouse uses the other types of drug the tumor will increase. This is some of the findings I have found in this assignment based on the analysis.