Testing new drugs is always fundamentally delicate. The wrong information or misreading can bring unpleasant consequences. Therefore, testing in animals are necessary. The more subject experimenting the new treatments the more accurate the analysis would become. For this study a total of 249 mice with an estimated initial tumor volume of 45 mm3 were submitted across several different regimens. Each mouse was tested for a period up to 45 days and checked every 5 days for tumor development. From the data analyzed the following conclusion can be generated:

1. Top four efficient drug regimen: according to the analysis the top for drug regimen are as follow: Capomulin, Ramicane, Infubinol, and Ceftamin. This is based on the tumor development’s period. The decrease is in volume indicates an improve on health. This indicates that the regimen with the best response was Capomulin.
2. Total of subjects: the accuracy of this information can be given to the amount of subject participating on the study. For this study a total of 249 subjects were tested. For this study 50.2% were males and 49.8% were females, indicating an almost evenly distribution across gender.
3. Outliers: Furthermore, the study indicates a further accuracy by have a considerable small mount for the outliers.