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**Pymaceuticals Written Analysis**

The study included a total of 249 unique mice. The summary statistics table indicates that Capomulin stands out as the lead drug in managing tumor volume, with the lowest mean tumor volume (40.68) and median tumor volume (41.56). It also exhibited low variance (24.95) and standard deviation (4.99).

Capomulin is also the most prevalent drug among the mice timepoints (bar charts). Furthermore, gender distribution among the mice appears unbiased, as the pie plots show the gender distribution among the mice appear roughly equal between males and females.

The scatter plot also shows a positive correlation between mouse weight and average tumor volume in the Capomulin regimen with a linear regression analysis equating suggesting the tumor volume based on the mice weight.

In summary, it appears the results point to Capomulin as a promising drug for managing tumor volume.