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Pymaceuticals Analysis

From the data, we can see that Capomulin and Ramicane were tested the most, and Propriva was tested the least. All other drugs were similar with the timepoints.

The mice on Ramicane and Capomjulin had the tumors with the lowest volume.

Out of the two drugs that were used, Ramicane had slightly better results than Capomulin. The mean, lower quartile, upper quartile, min and max are all slightly lower. Because Capomulin was close, it would be a good secondary option.

When looking at a single mouse, it looks like the effects of Capomulin happen at timepoint #20. That’s when the first sharp decline in tumor volume begins.

Mouse weight and tumor volume have a strong correlation of 0.84, meaning that the weight could be tied to the average tumor volume.