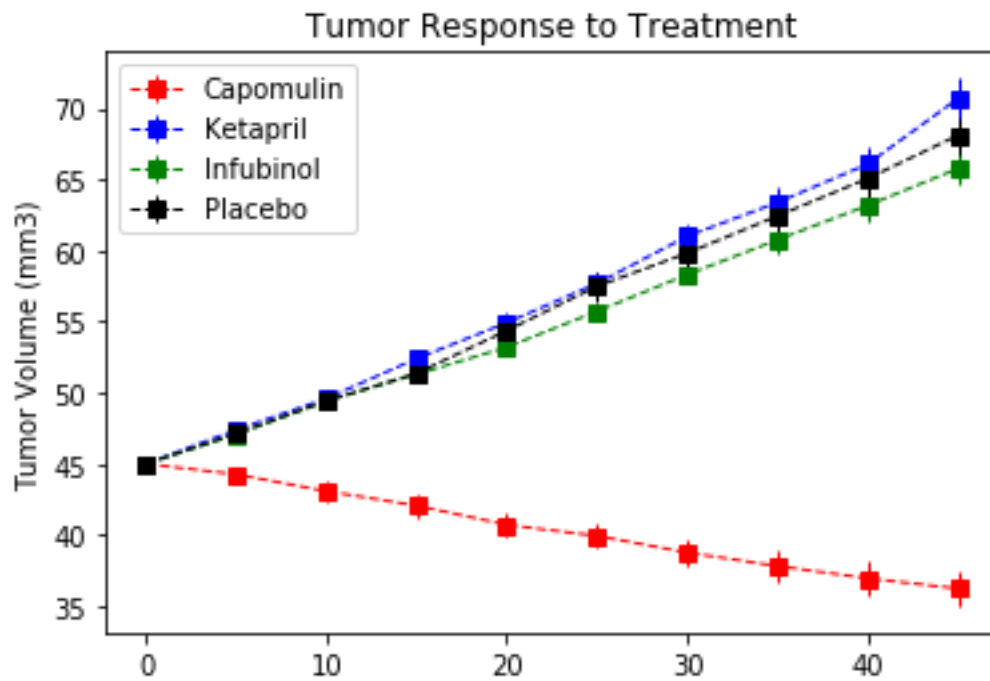


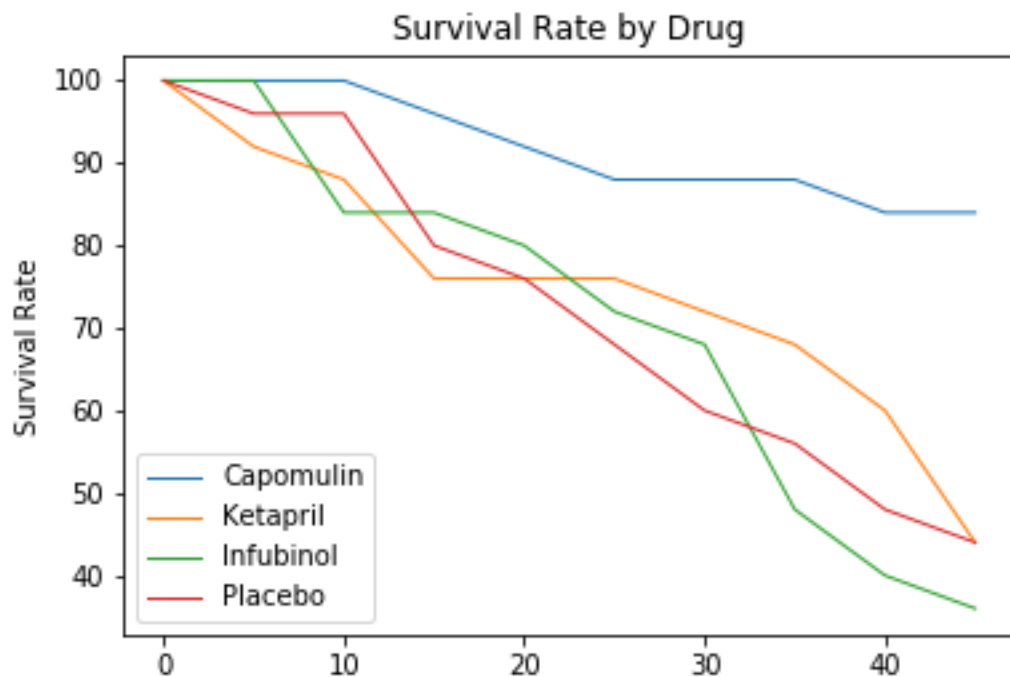
Zachary Wenz

Matplotlib HW Takeaways

1. Capomulin was the only drug that reduced tumor size over the 45 day window. Tumor size reduced from an average size of 45 cubic mm to about 37 cubic mm.



2. Capomulin had the highest survival rate of the drugs. About 85% of mice survived using the Capomulin drug, whereas no other drug saw more than 50% survival.



3. Ketapril and Infubinol did not significantly outperform the placebo in reducing tumor size or increasing probability of survival, as shown in above plots. As shown in the plot below, Ketapril and Infubinol did show a slower increase in metastatic sites than the placebo, but not by as much as Capomulin.

