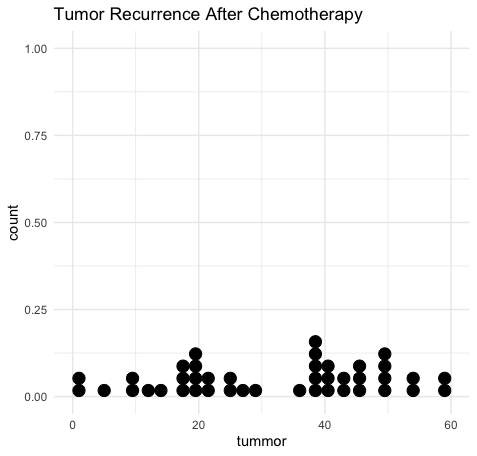
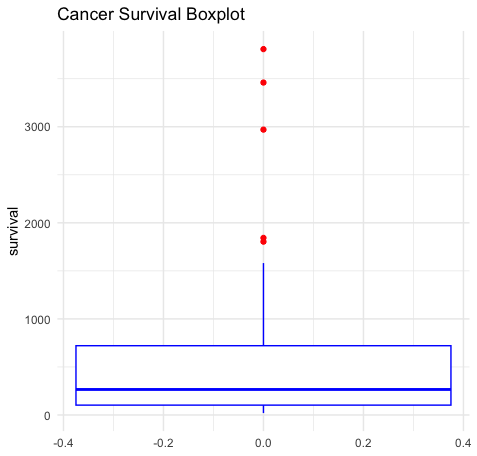
| #1: Using Cancer Re-Occurrence File, create and submit your own dot plot library(ggformula) cancer\_recurance\_url <- 'https://raw.githubusercontent.com/kathrynKozak/MAT160/master/docs/cancer\_recurance.csv' cancer\_recurance <- read.csv(cancer\_recurance\_url) gf\_dotplot(~ tummor, data = cancer\_recurance, title='Tumor Recurrence After Chemotherapy') +  theme\_minimal() |
| --- |



| #2: Using the cancer file, give the mean, standard deviation, variance, and five-number summary.  cancer\_url <- 'https://raw.githubusercontent.com/kathrynKozak/MAT160/master/docs/cancer.csv' cancer <- read.csv(cancer\_url)  mean\_survival <- df\_stats(~survival, data=cancer, mean) median\_survival <- df\_stats(~survival, data=cancer, median) sd\_survival <- df\_stats(~survival, data=cancer, sd) summary\_survival <- df\_stats(~survival, data=cancer, summary)  gf\_boxplot(~survival, data=cancer, title="Cancer Survival Boxplot", color="blue", outlier.color = "red") +  gf\_refine(coord\_flip())+  gf\_theme(theme\_minimal()) |
| --- |



| #3: Using the Cancer Re-Occurrence File, do a histogram chart gf\_histogram(~tummor, data=cancer\_recurance, title='Cancer Re-Occurence Histogram',  color='lightblue',fill='lightblue', alpha=0.9)+  gf\_theme(theme\_minimal()) |
| --- |

