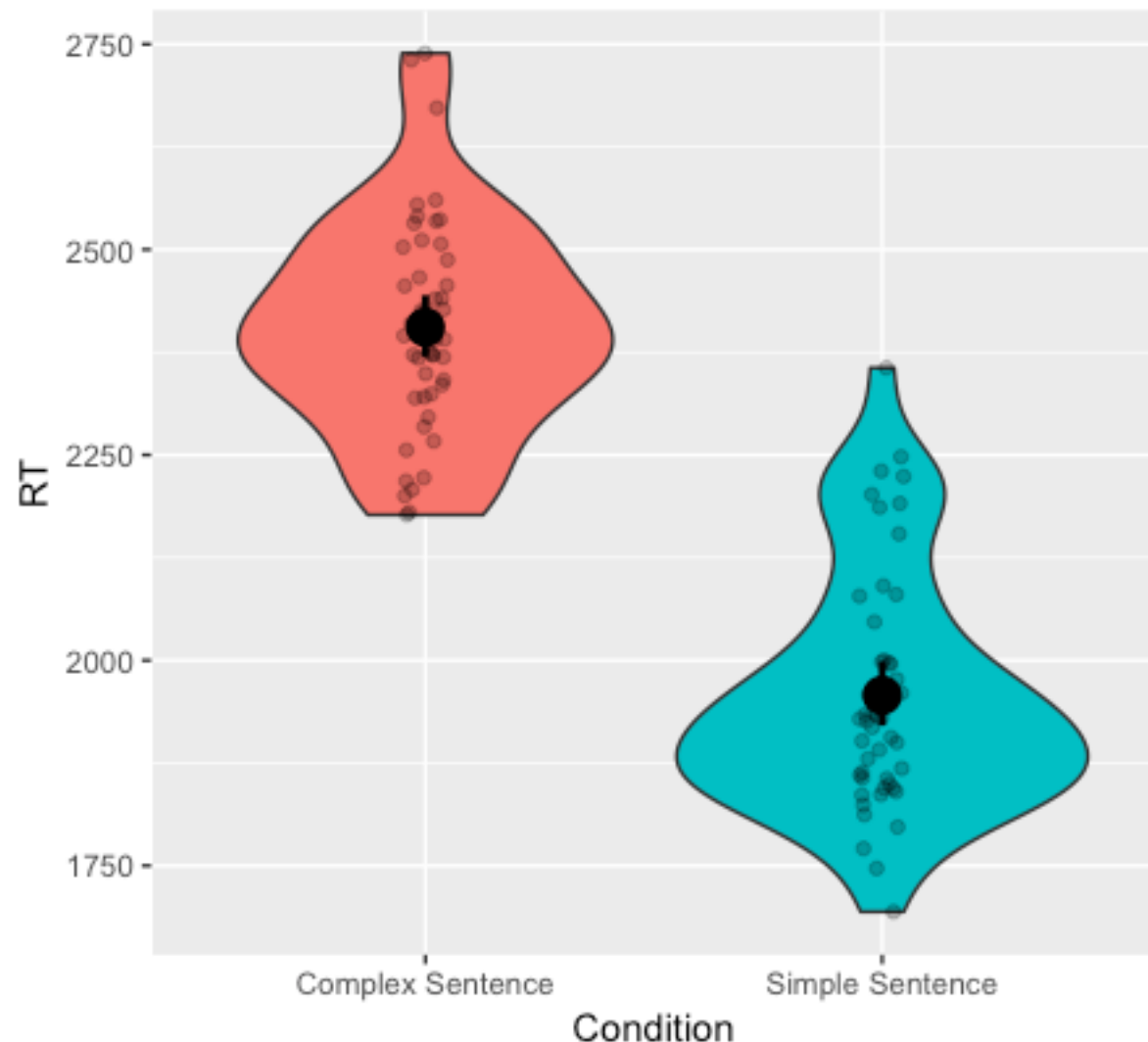


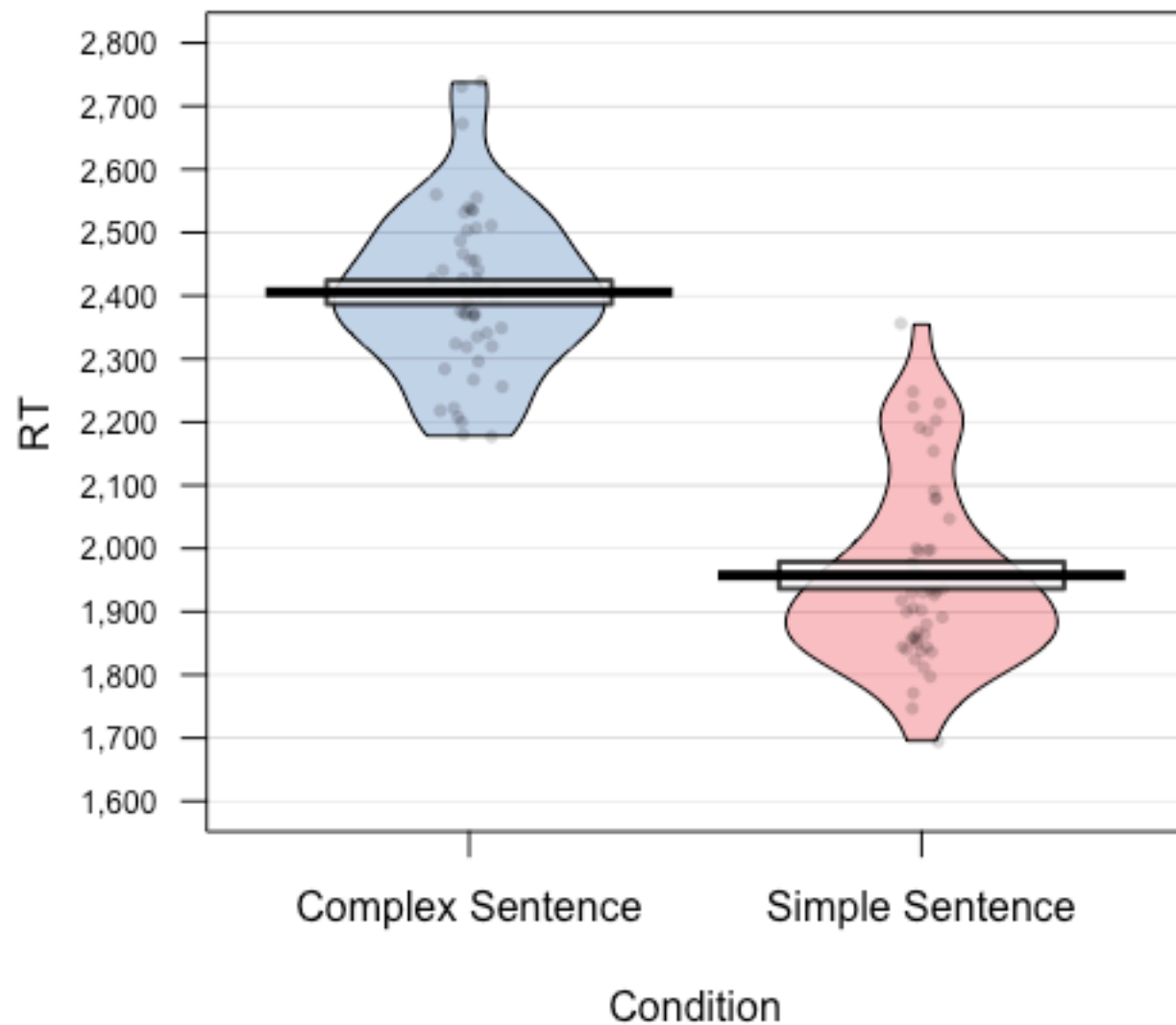
Violin Plots



Violin plots tell us about the distribution of the data. The width at any point corresponds to the *density* of the data at that value.

```
ggplot (data_long, aes (x = Condition, y = RT, group = Condition, fill =  
Condition)) + geom_violin() + geom_jitter(alpha = .25, position =  
position_jitter(0.05)) + guides(colour = FALSE, fill = FALSE) + stat_summary  
(fun.data = "mean_cl_boot", colour = "black", size = 1)
```

Pirate Plots



Pirate Plots are an example of RDI (Raw data, Descriptive and Inferential statistic) plots. Available in the package `yarr`. Plots include shape of distribution, mean, and SE (all changeable as parameters).

```
> pirateplot(formula = RT~Condition, data = data_long,  
inf.method = "se", cex.axis = .75, theme = 1)
```