Today: 1-D Continuous

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36-315

Today: Density Estimates, Kernels, Violin Plots
Rugs, Conditional Distributions, KS Tests

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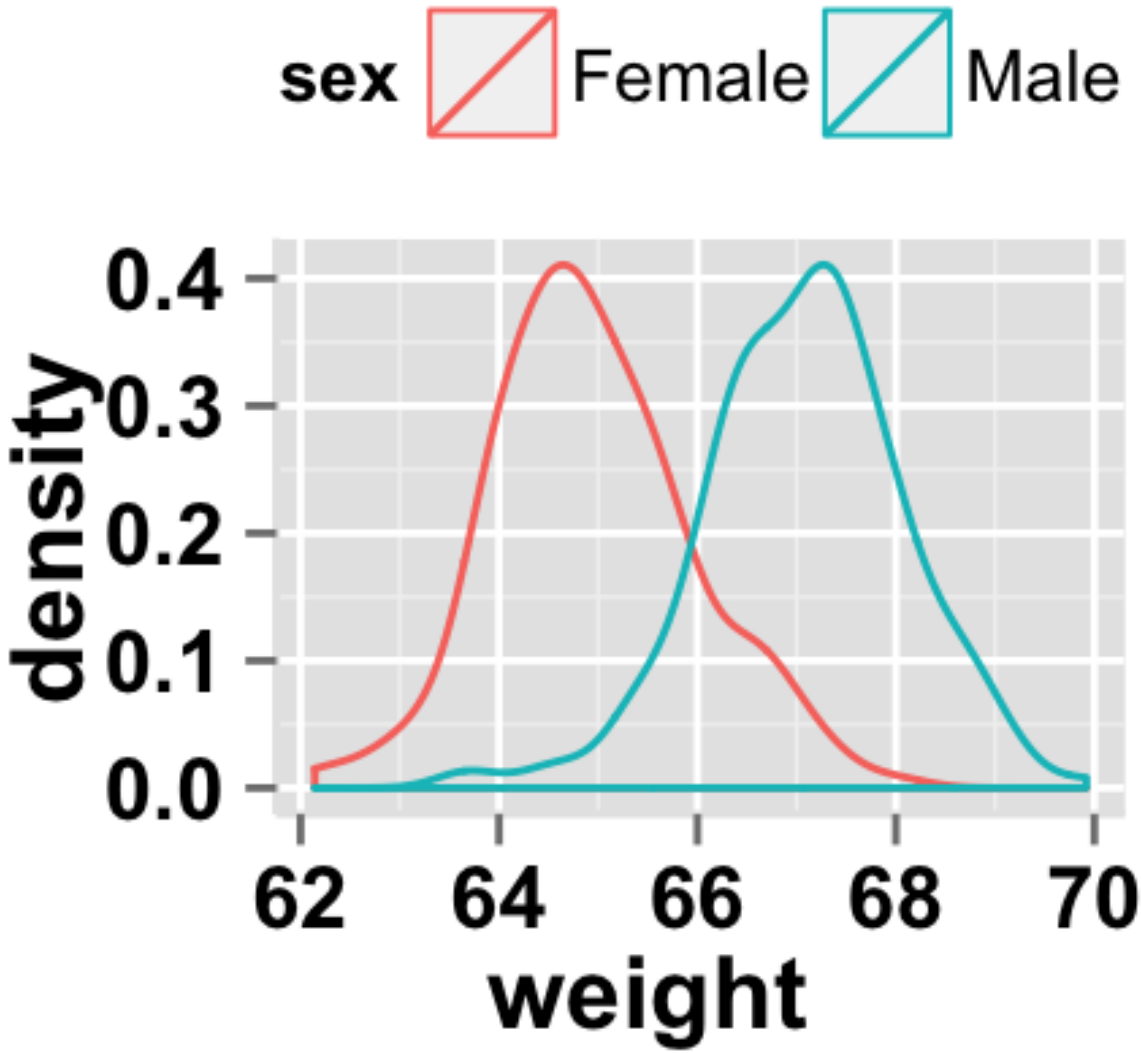
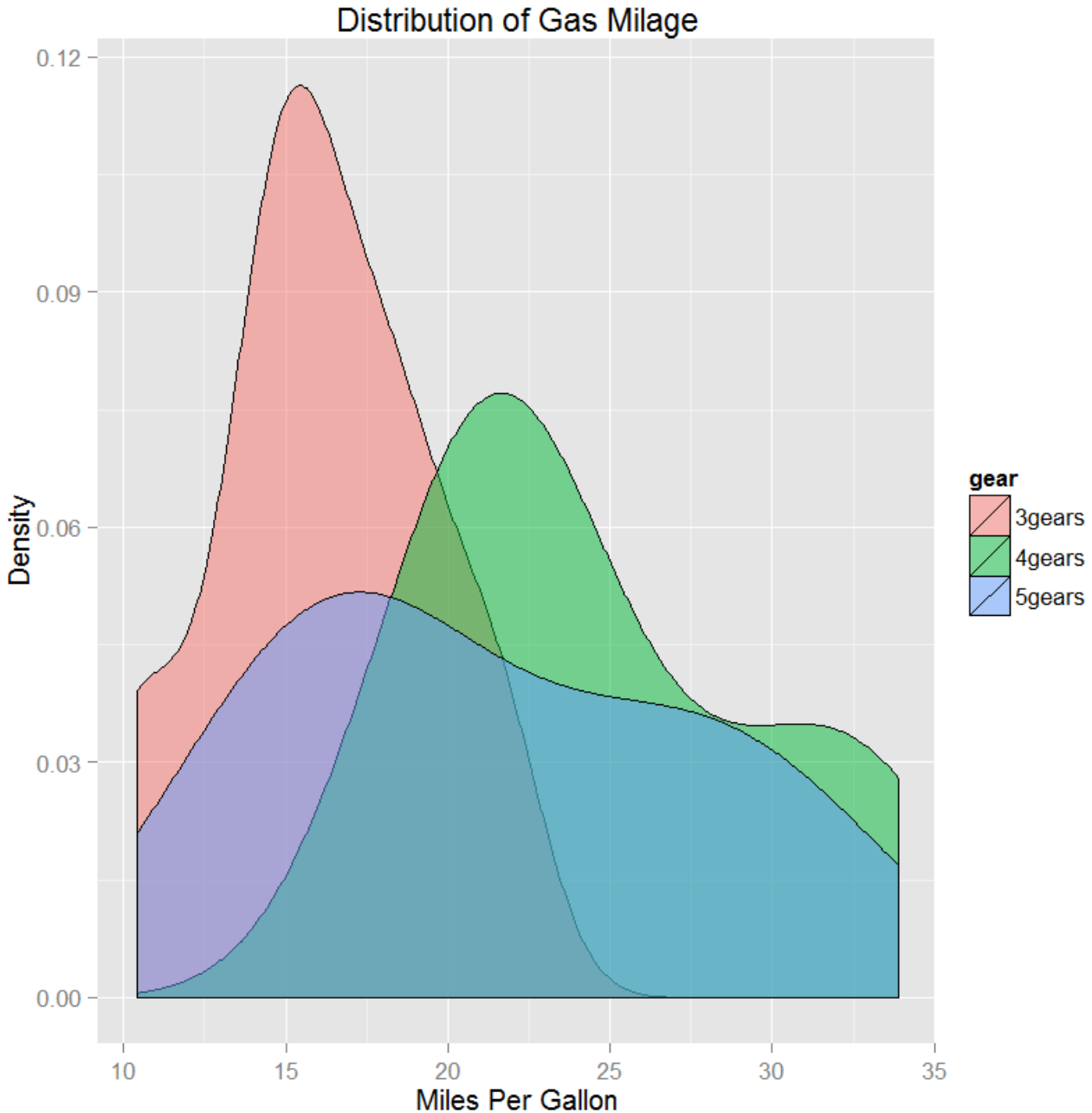
Conditional Distributions

1-D Kernel Density Estimation

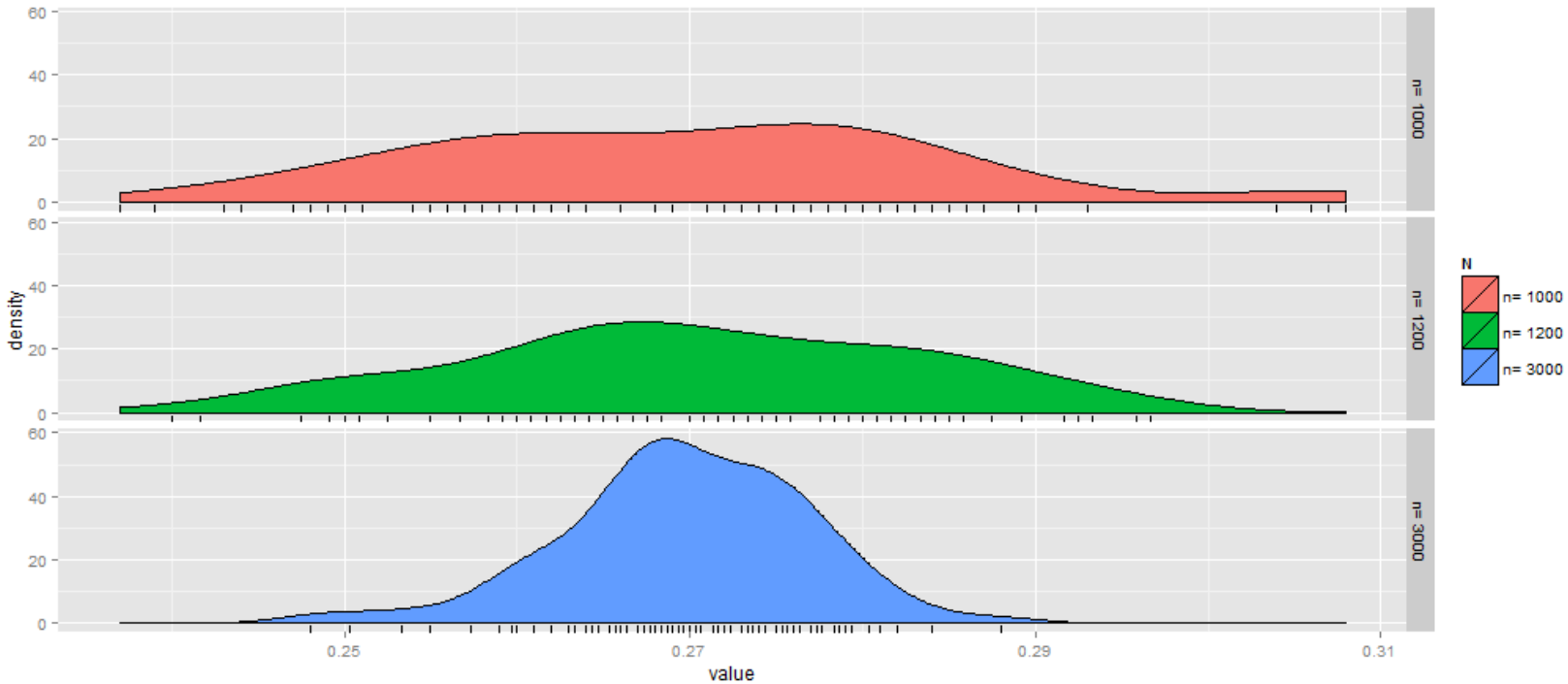
Density Estimates



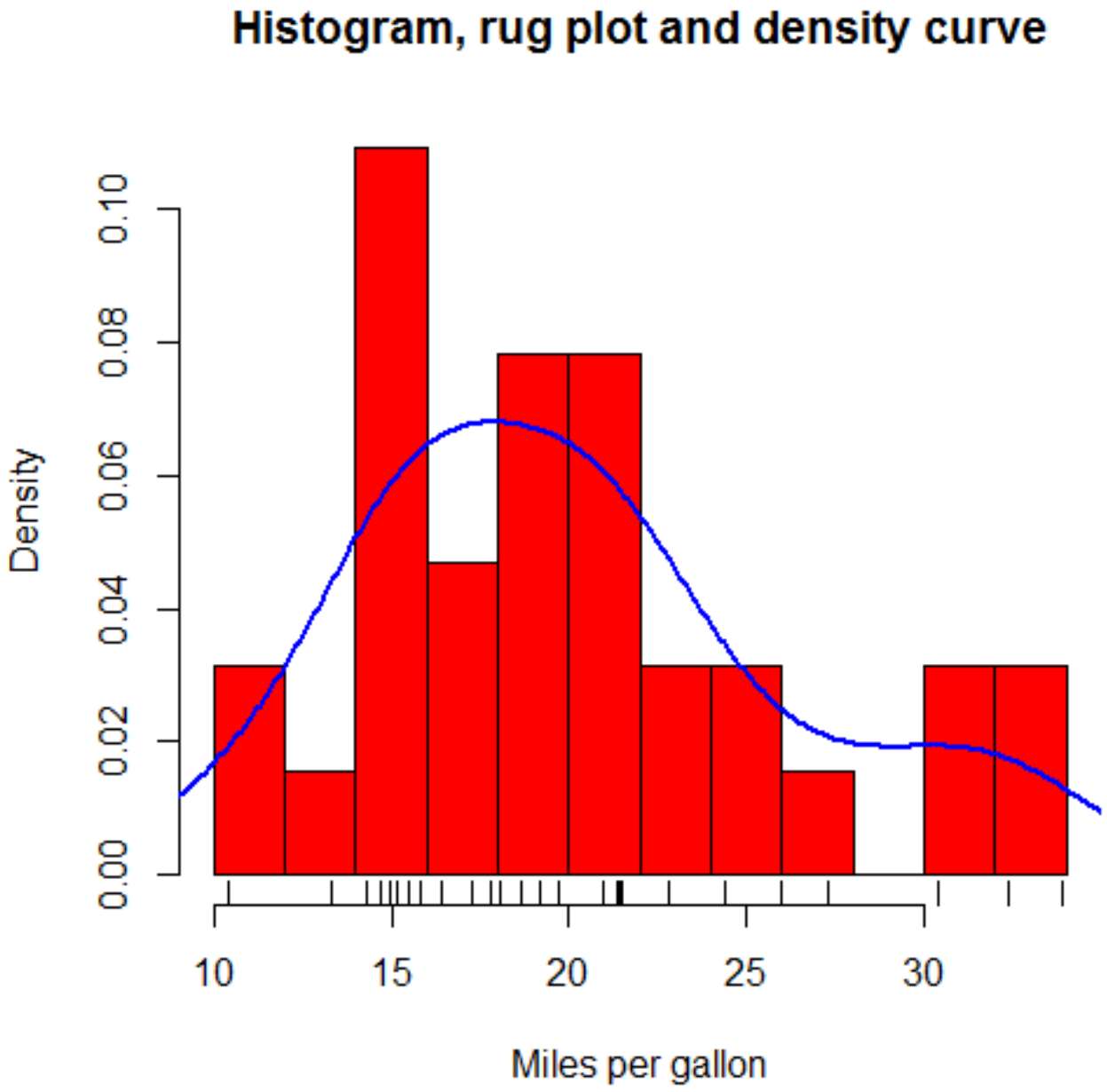
Density Estimates



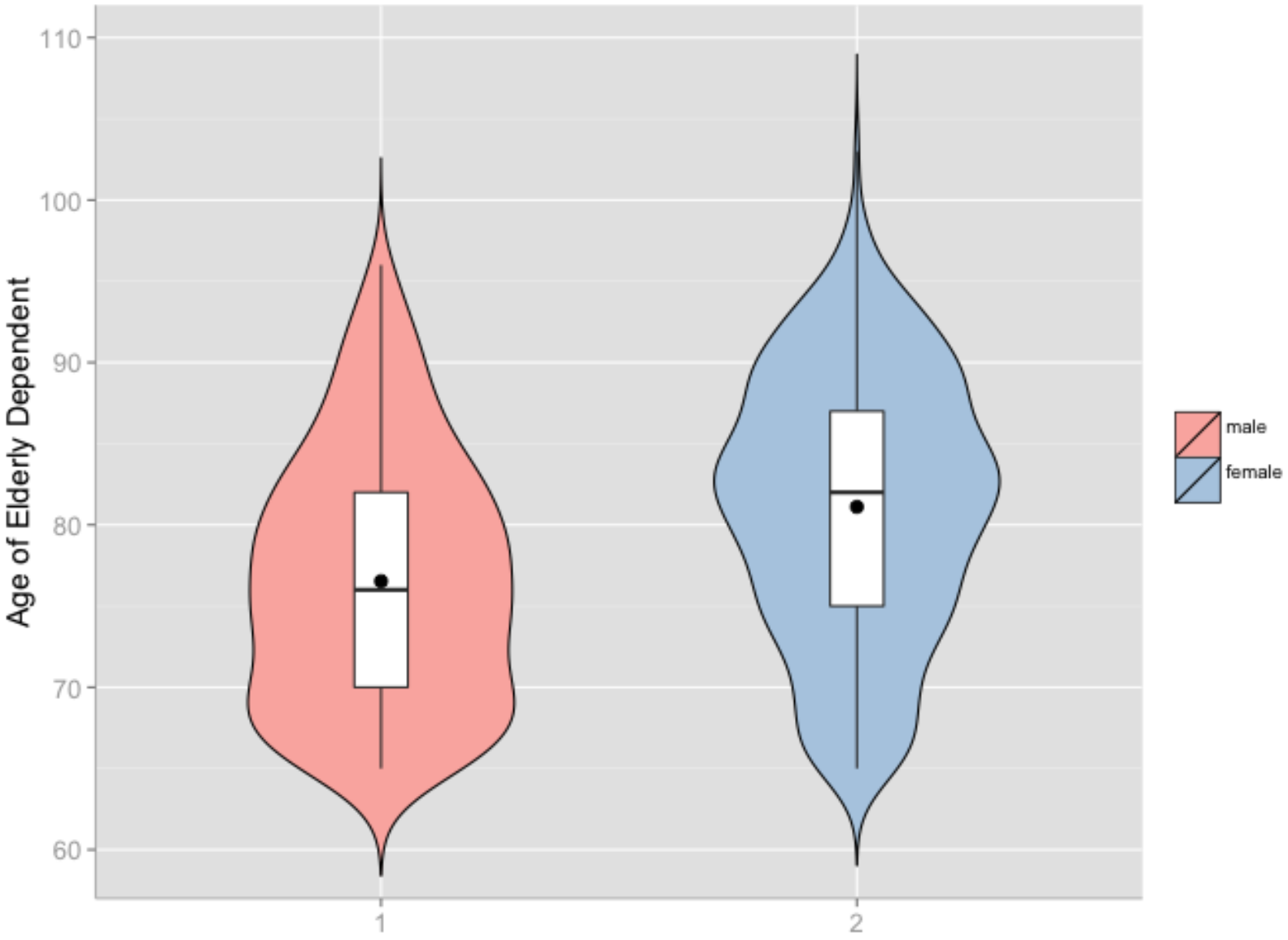
Density Estimates with "Rugs"



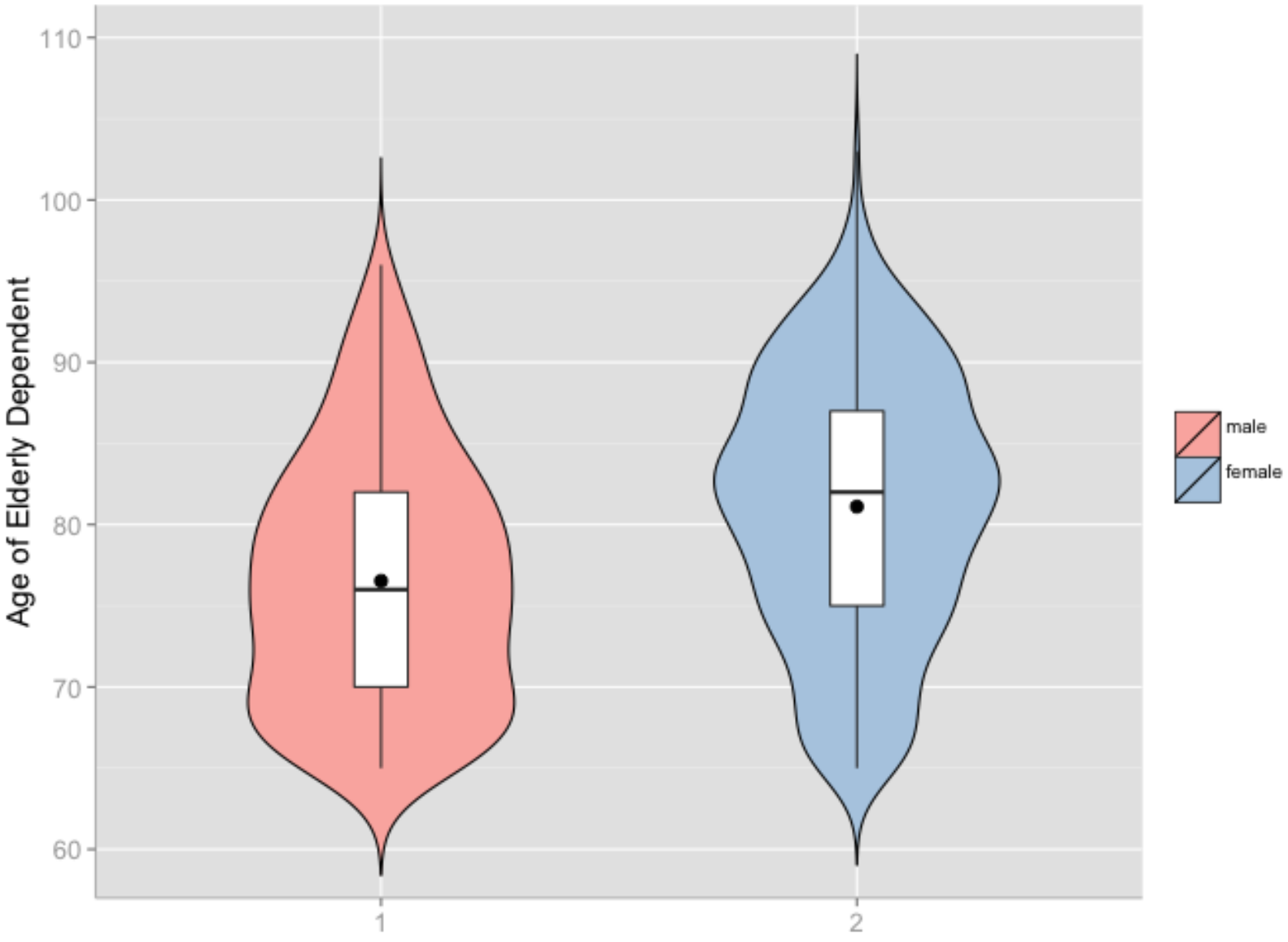
Histogram with Density Curve and Rug



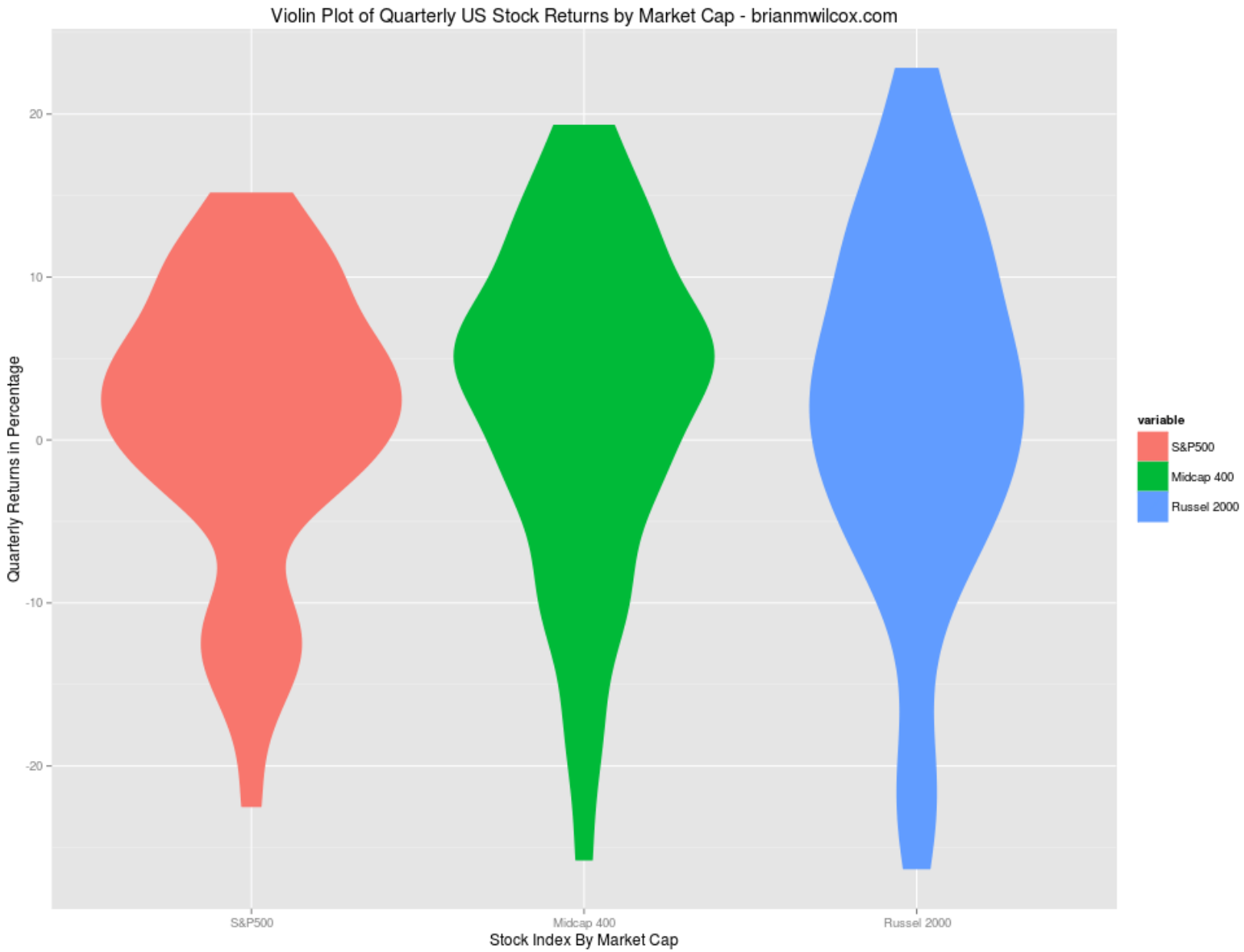
Violin Plots vs. Boxplots



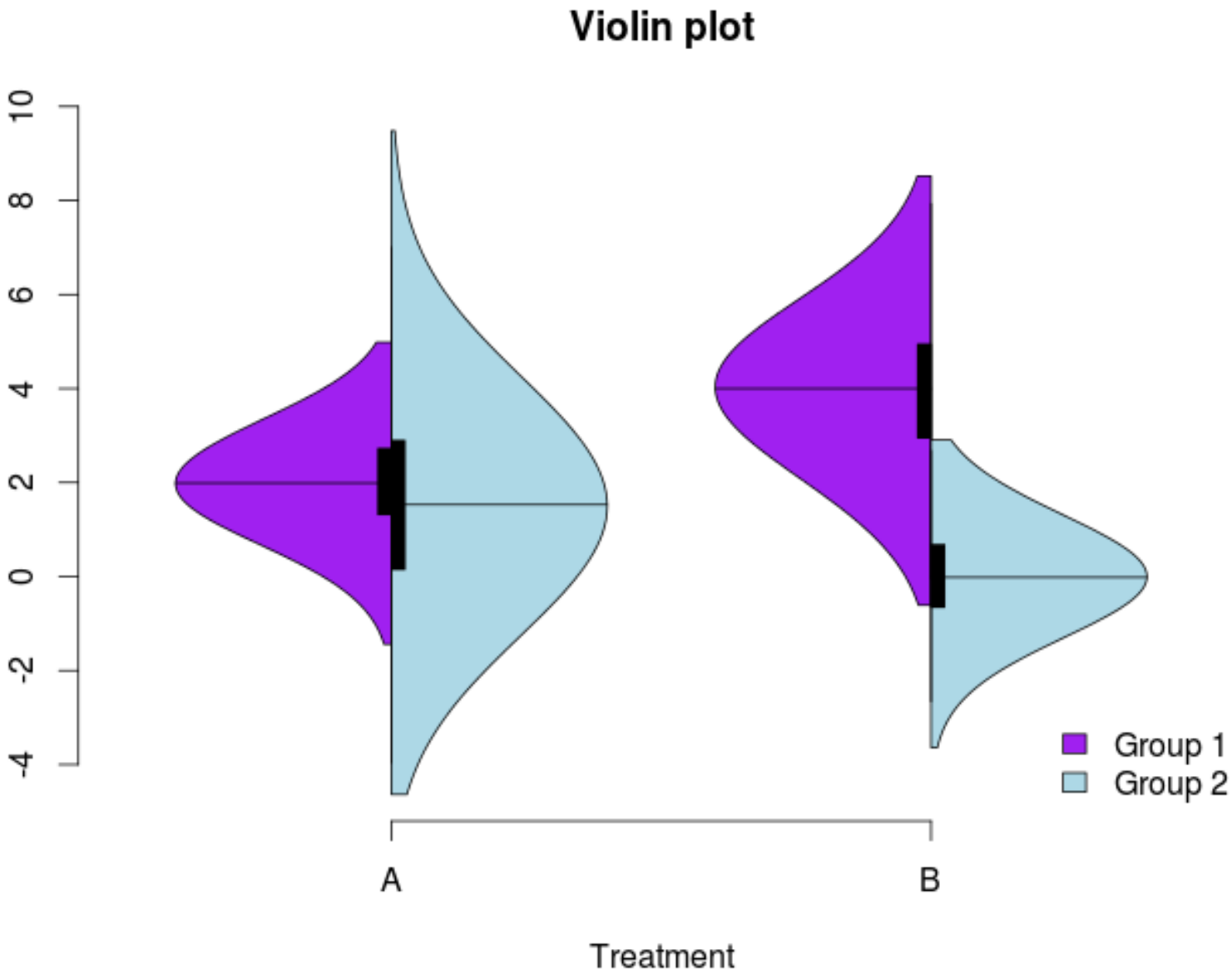
Issues with Violin Plots?



Issues with Violin Plots?



Improved Violin Plot?



Kolmogorov-Smirnoff (KS) Tests

Kolmogorov-Smirnoff (KS) Test:
nonparametric test of the equality of
multiple 1-D continuous distributions

In R: **ks.test**