

PLOTTING TOOLS

PLOT TYPES

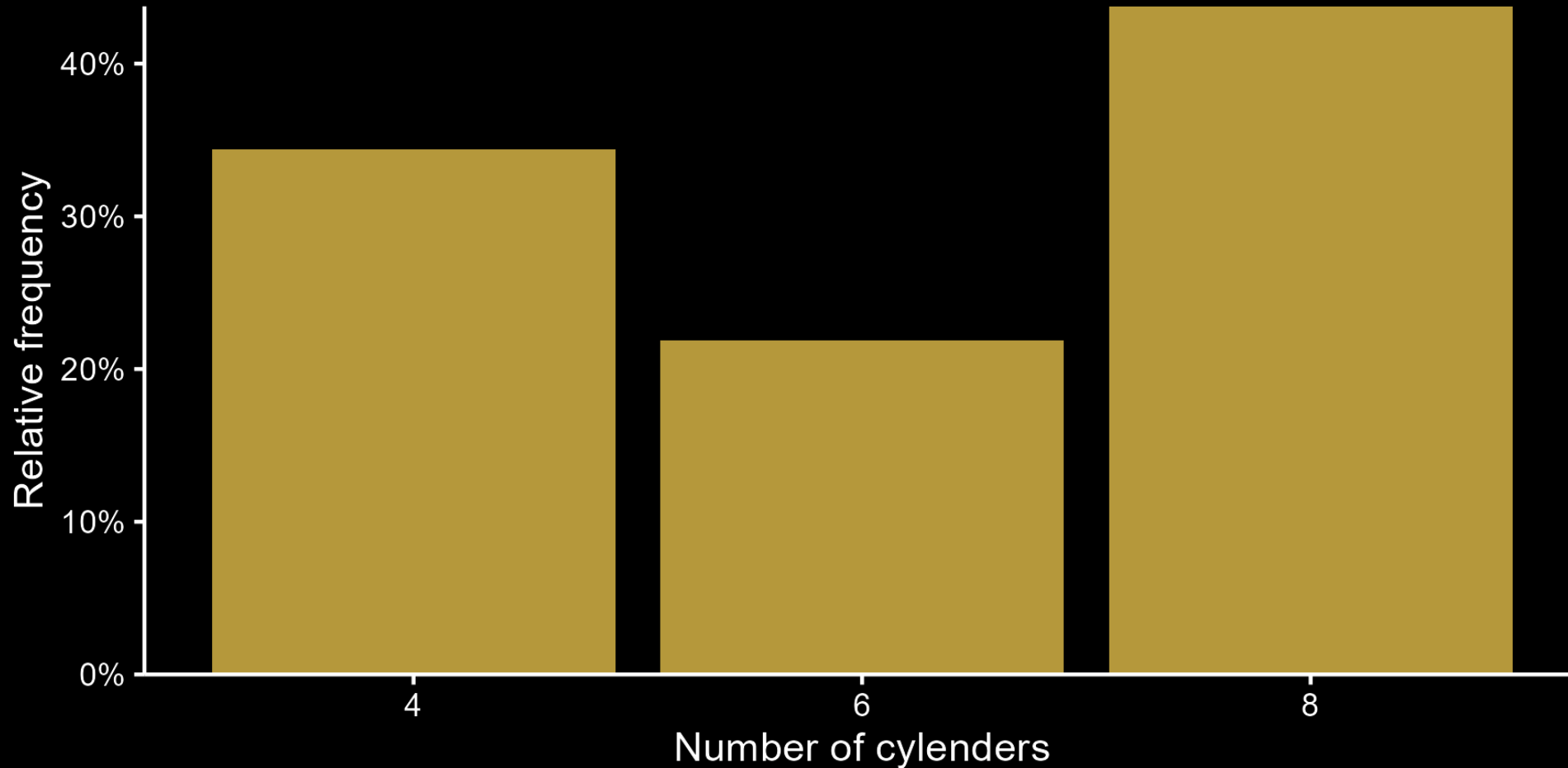
- Distribution plots (single variables)
 - Bar plot
 - Histogram
 - Kernel density plots
- Dispersion plots
 - Box plot
 - Violin plots
- Dependence plots (\geq two variables)
 - Scatterplot
 - Time plots

MTCARS DATASET

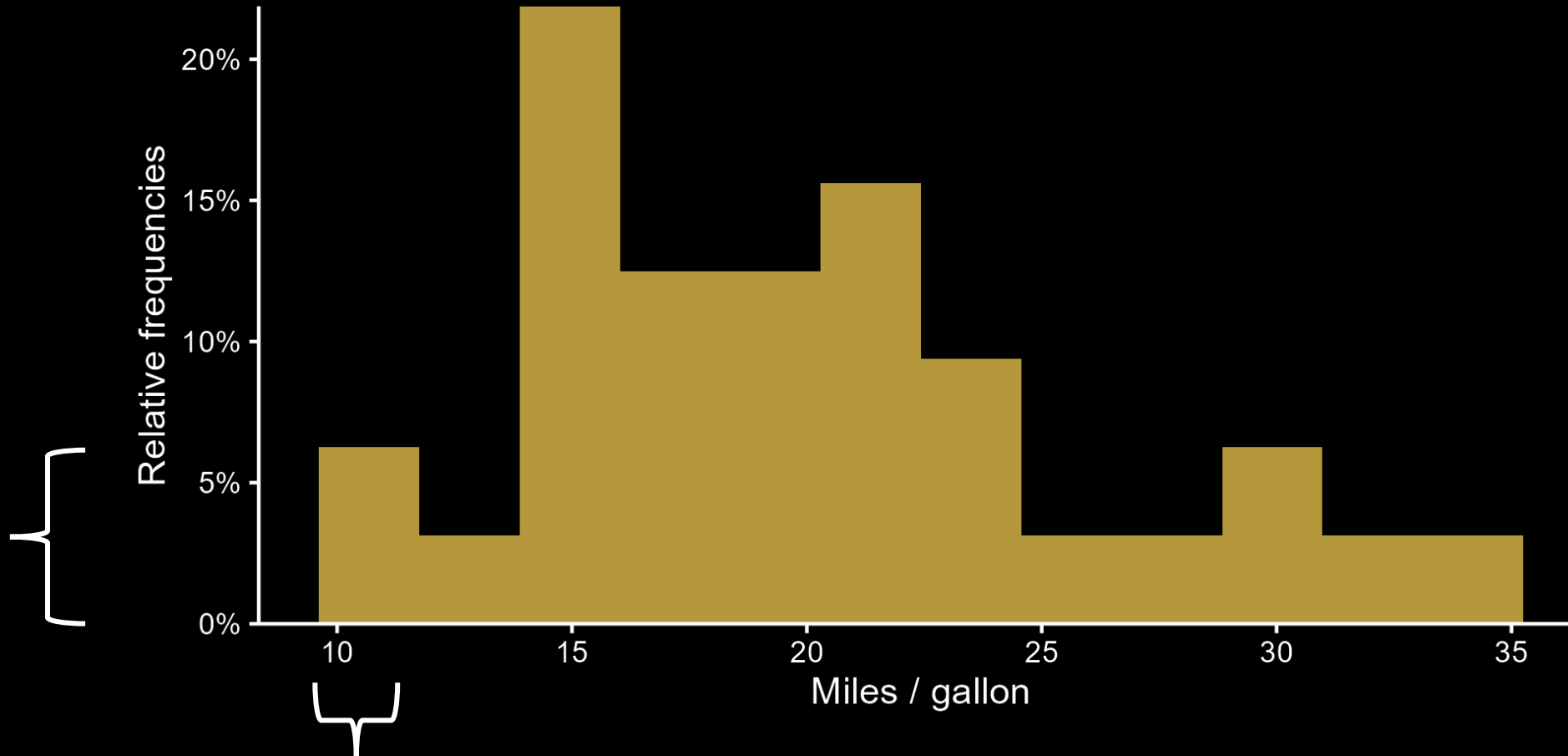
- From 1974 Motor Trend US magazine
- 32 automobiles (1973-74 models)
- 11 variables including
 - Number of cylinders
 - Consumption (miles/US gallon)
 - Gear type (automatic or manual)
 - Gross horsepower



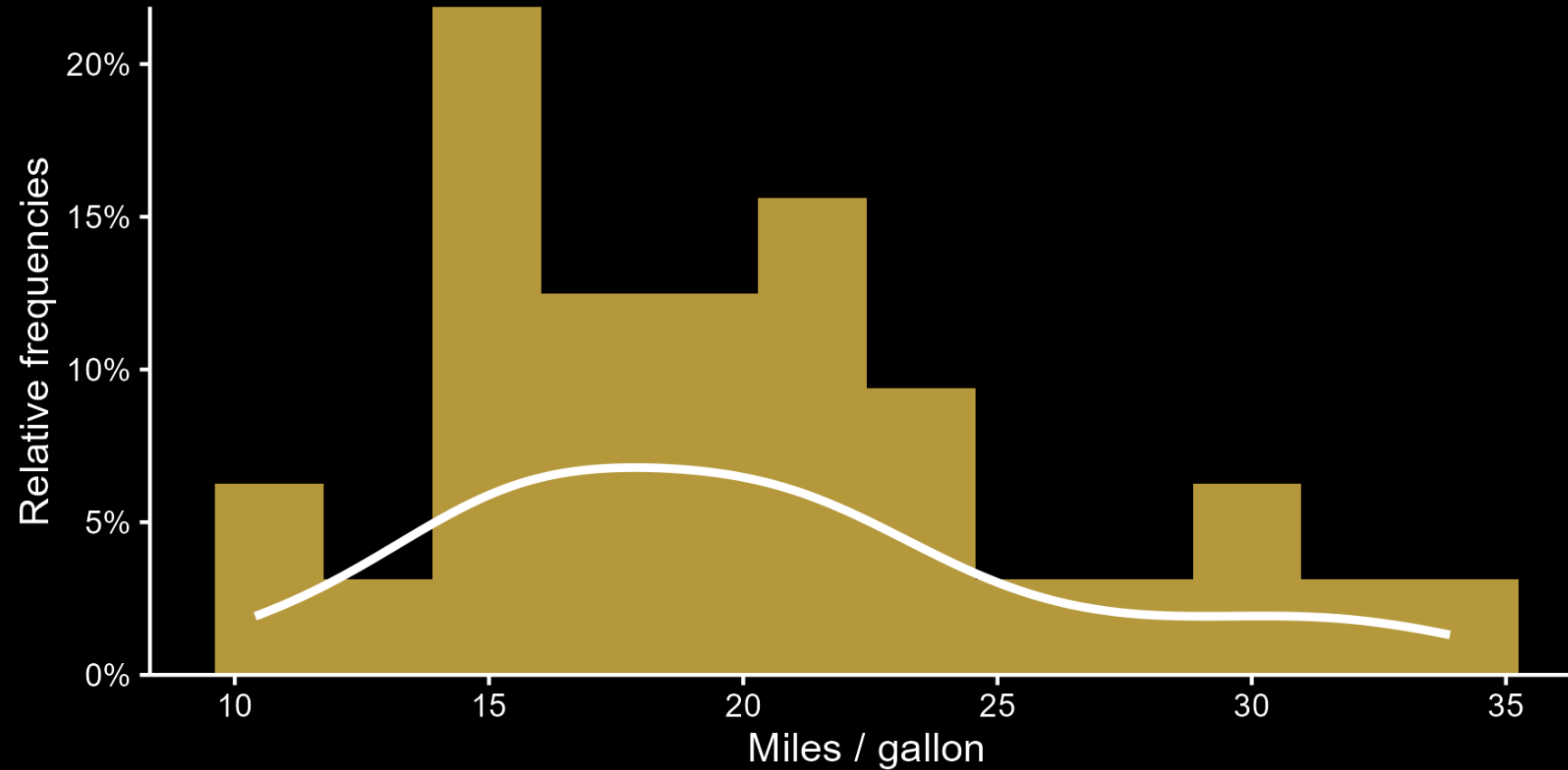
DISTRIBUTION: BAR PLOT



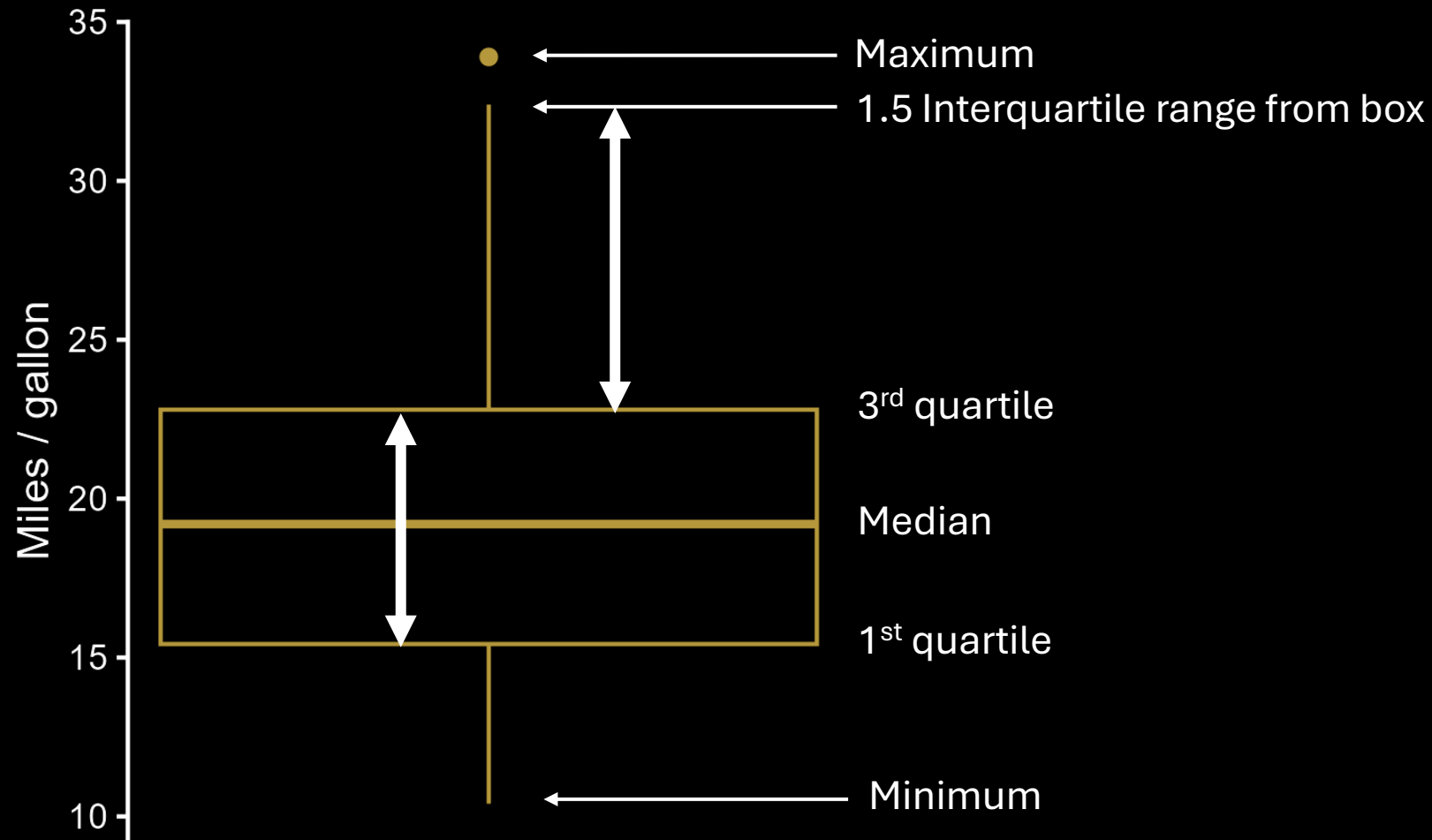
DISTRIBUTION: HISTOGRAM



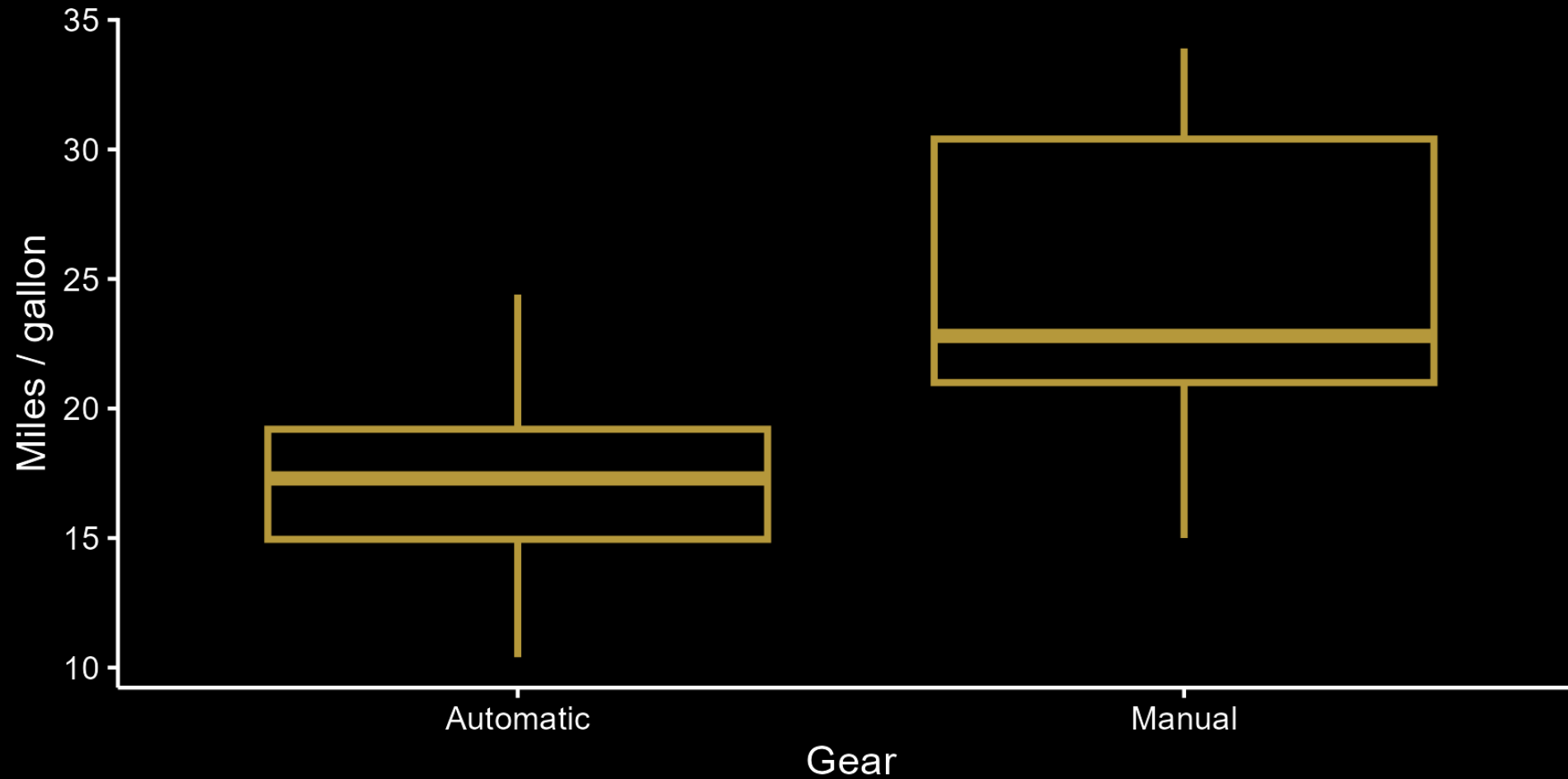
DISTRIBUTION: HISTOGRAM WITH KDE



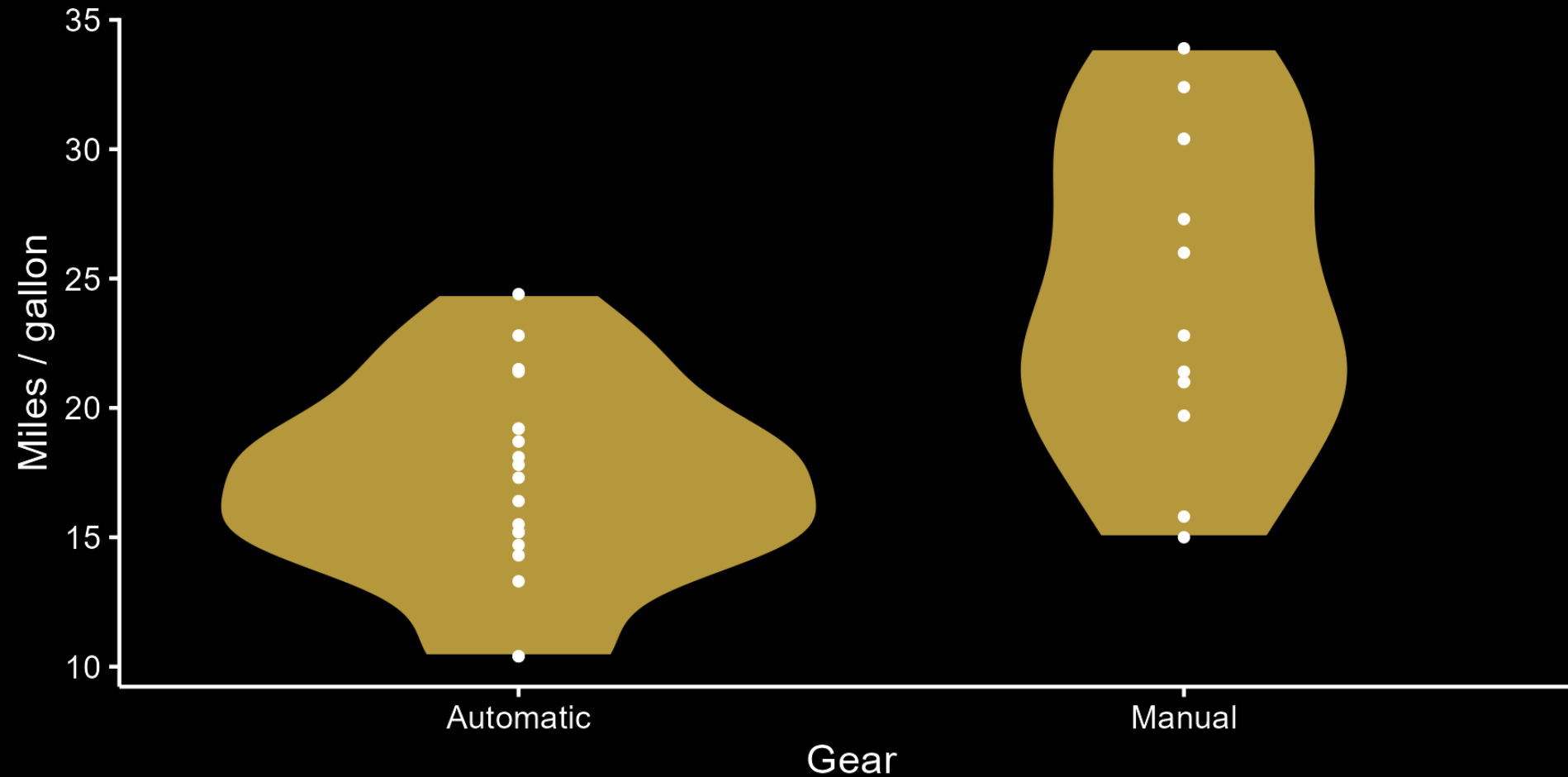
DISPERSION: BOX PLOT



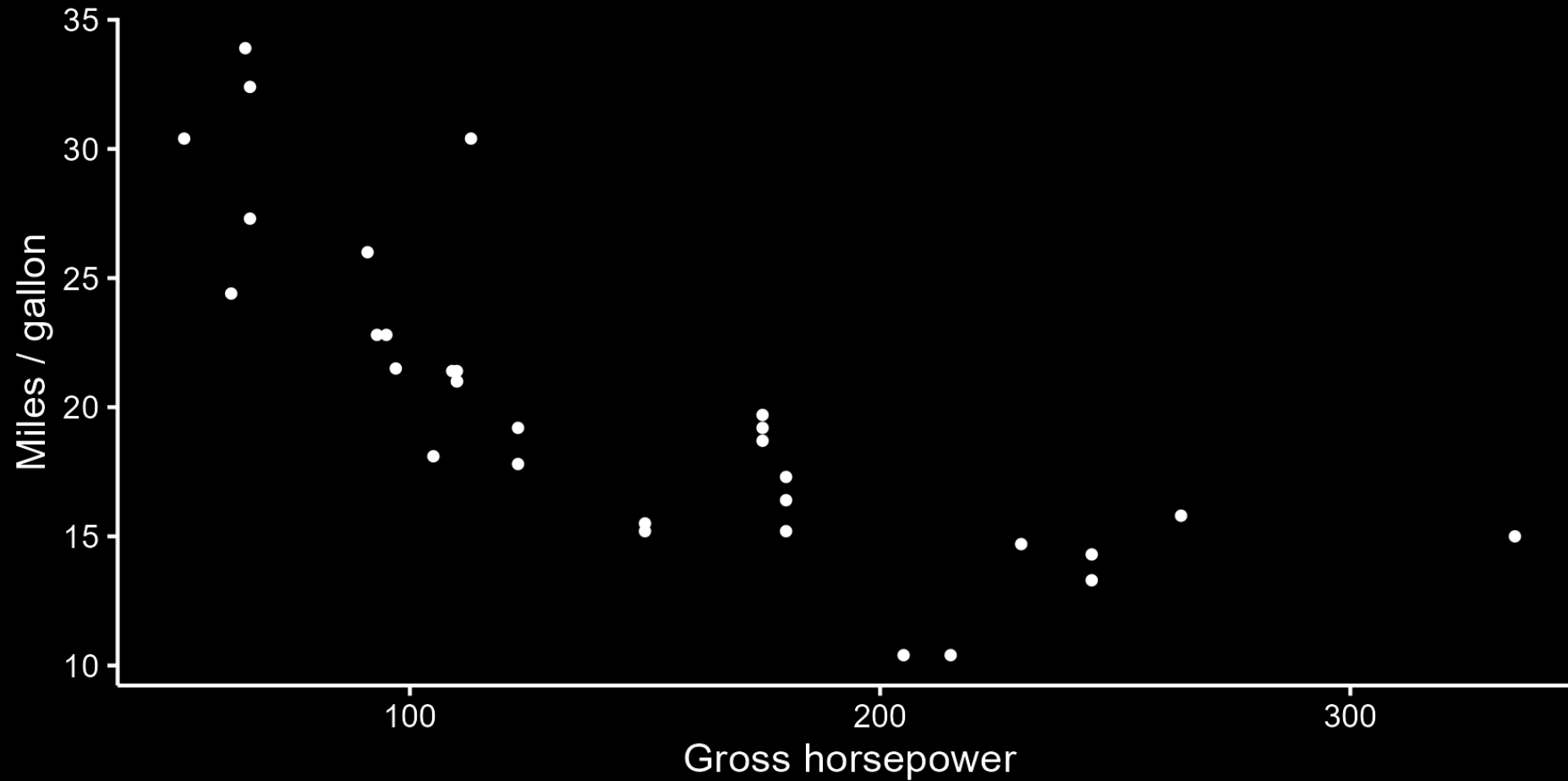
DISPERSION: BOX PLOT



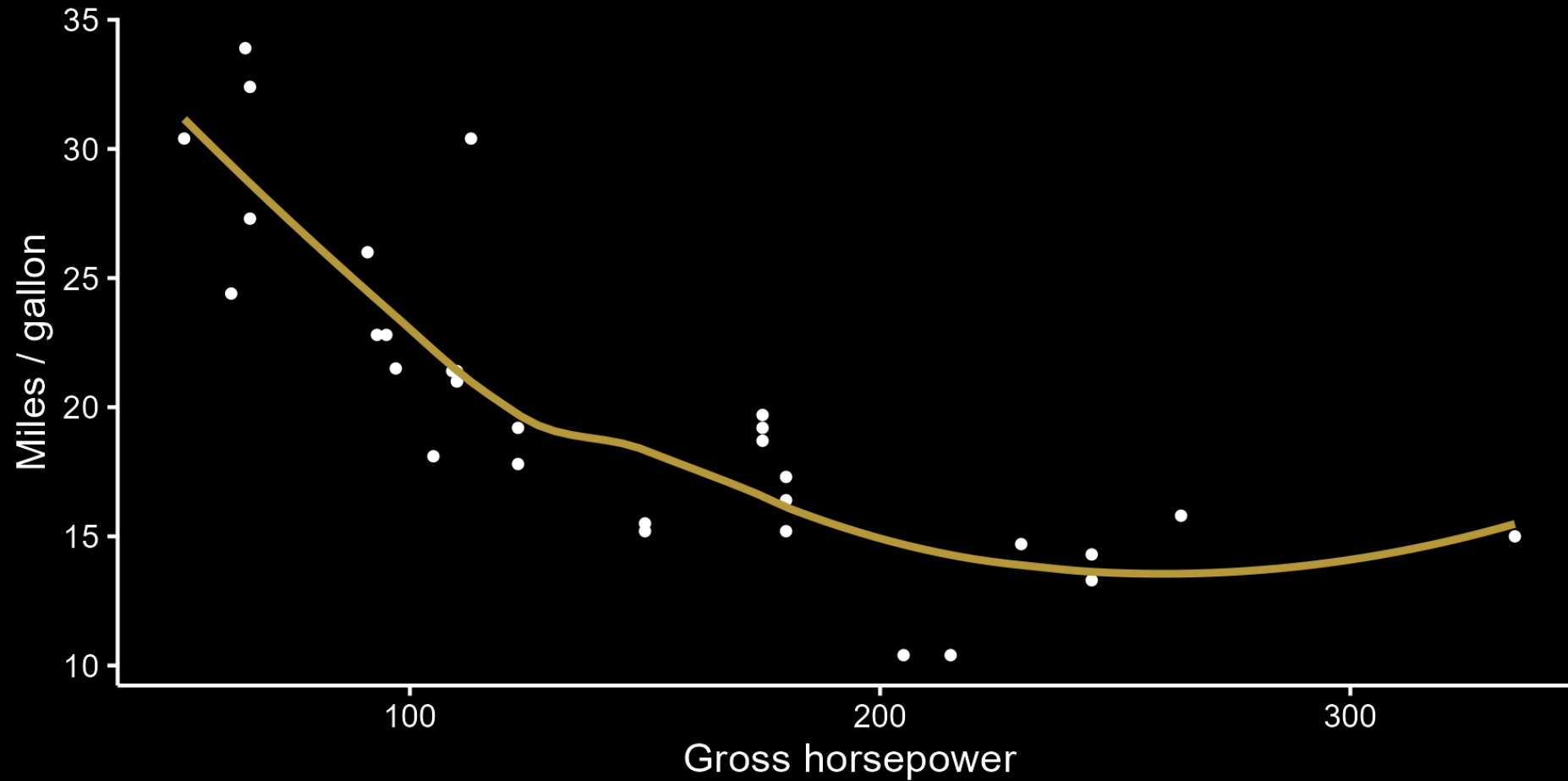
DISPERSION: VIOLIN PLOT



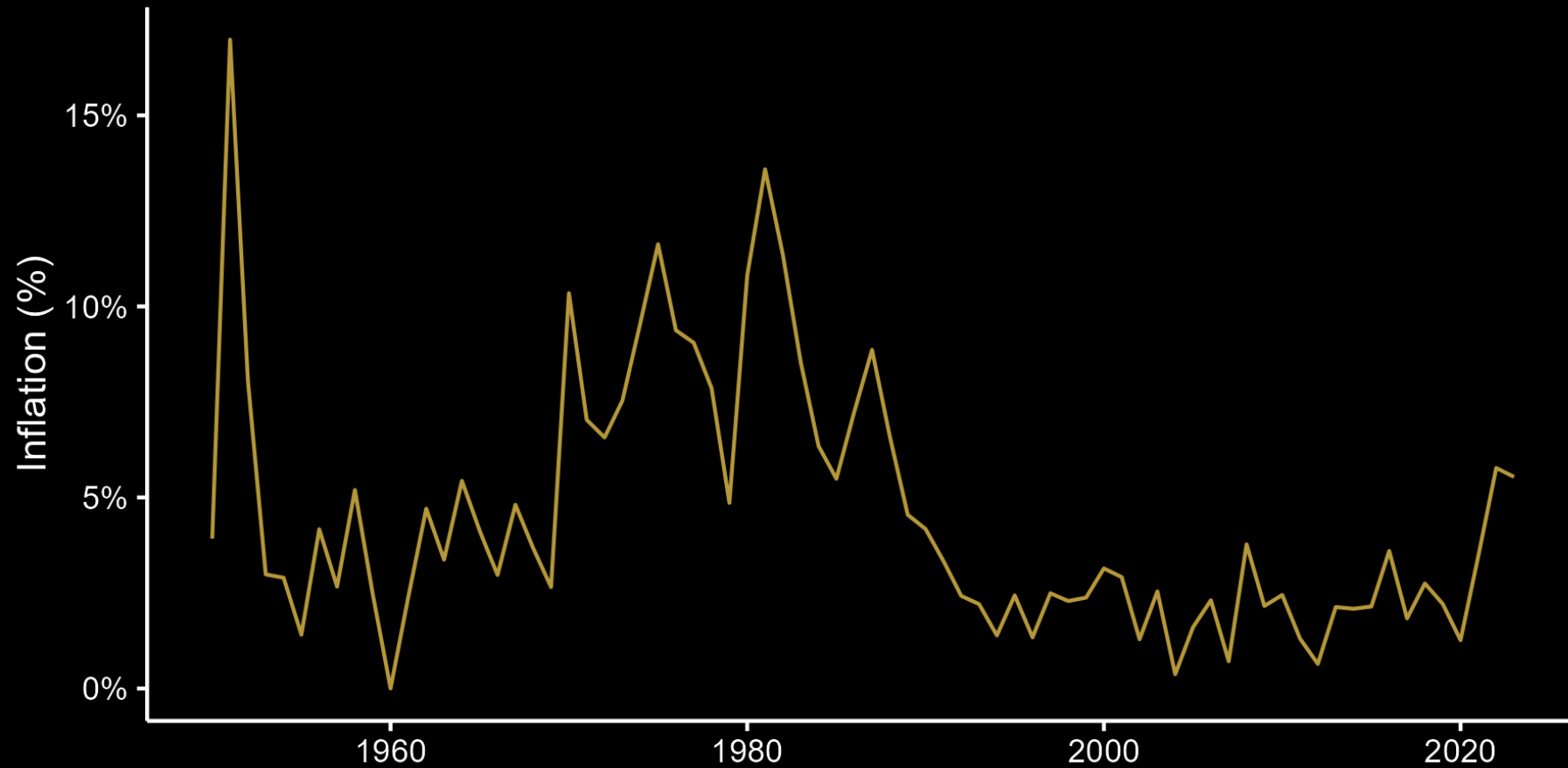
DEPENDENCE: SCATTERPLOT



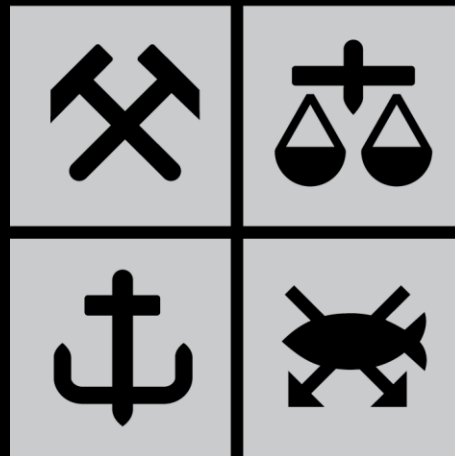
DEPENDENCE: SCATTERPLOT



DEPENDENCE: TIMEPLOT



NHH TECH3



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