

Exploratory Data Analysis Report for the Boston Dataset with a Focus on the Per Capita Crime Rate

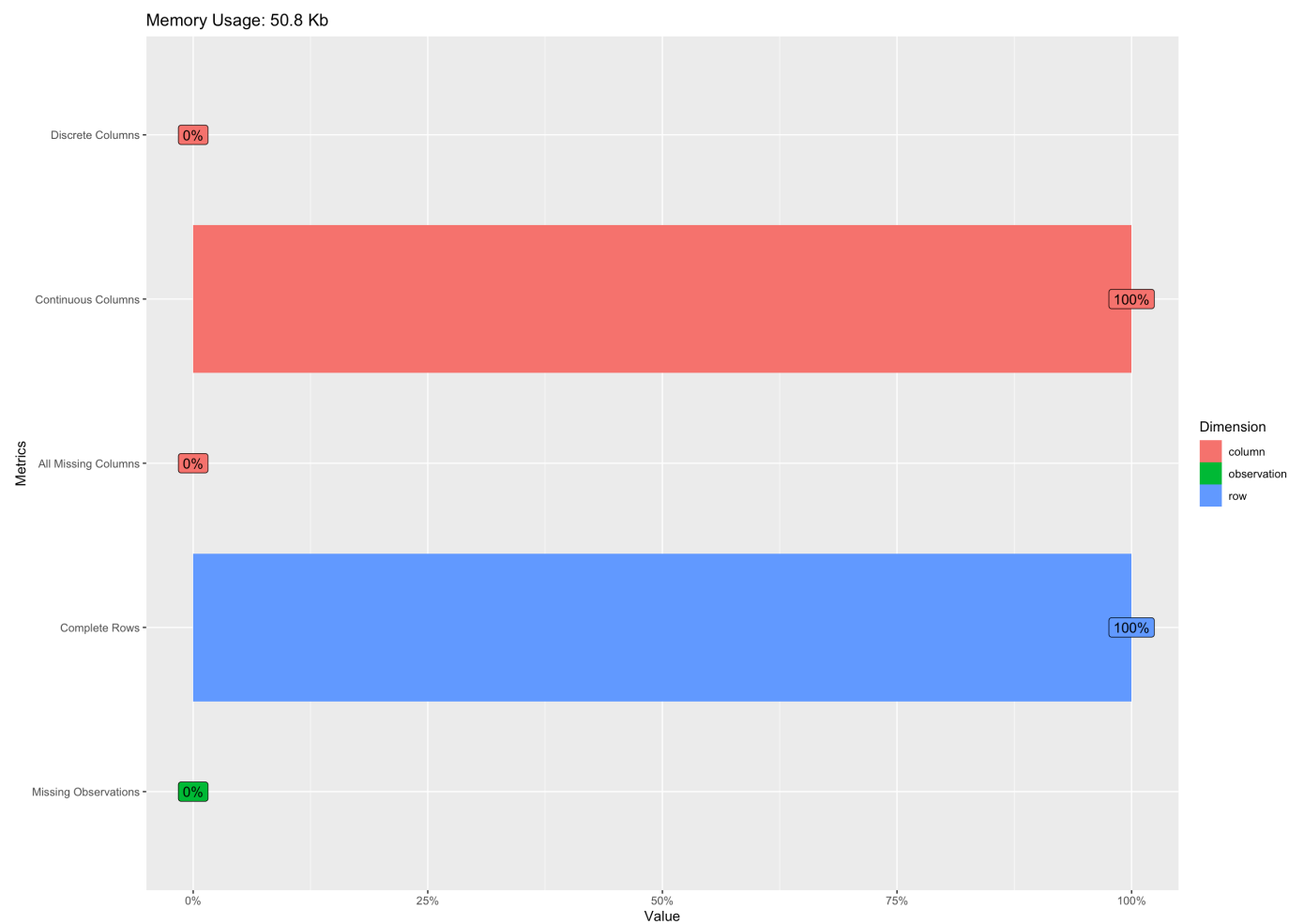
- Basic Statistics
 - Raw Counts
 - Percentages
- Data Structure
- Missing Data Profile
- Univariate Distribution
 - Histogram
 - QQ Plot
 - QQ Plot (by crim)
- Correlation Analysis
- Principal Component Analysis
- Bivariate Distribution
 - Boxplot (by crim)
 - Scatterplot (by crim)

Basic Statistics

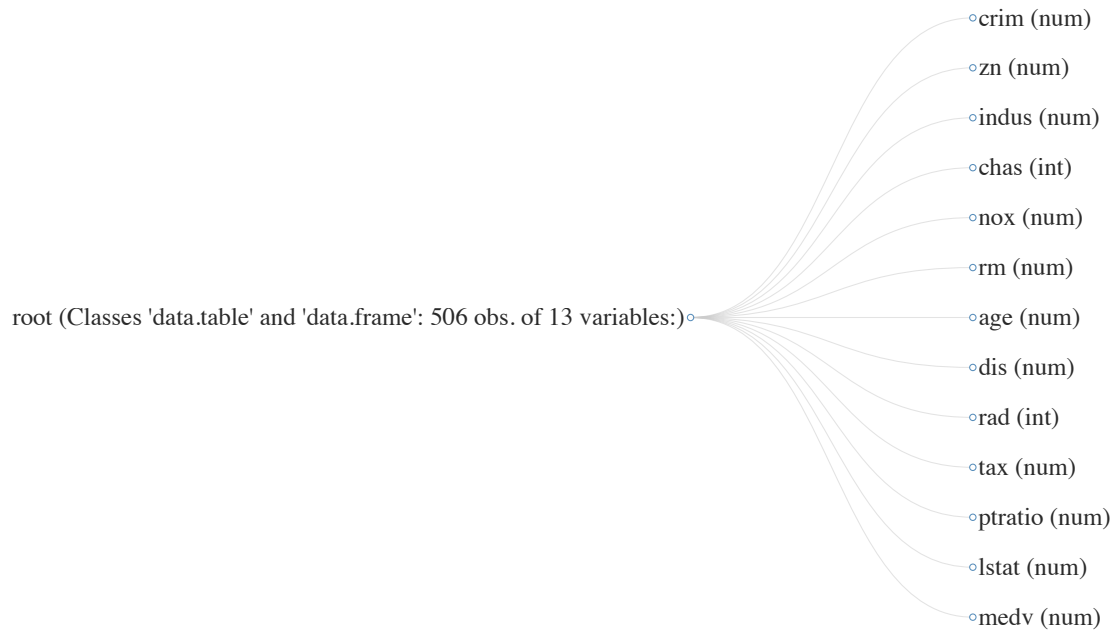
Raw Counts

Name	Value
Rows	506
Columns	13
Discrete columns	0
Continuous columns	13
All missing columns	0
Missing observations	0
Complete Rows	506
Total observations	6,578
Memory allocation	50.8 Kb

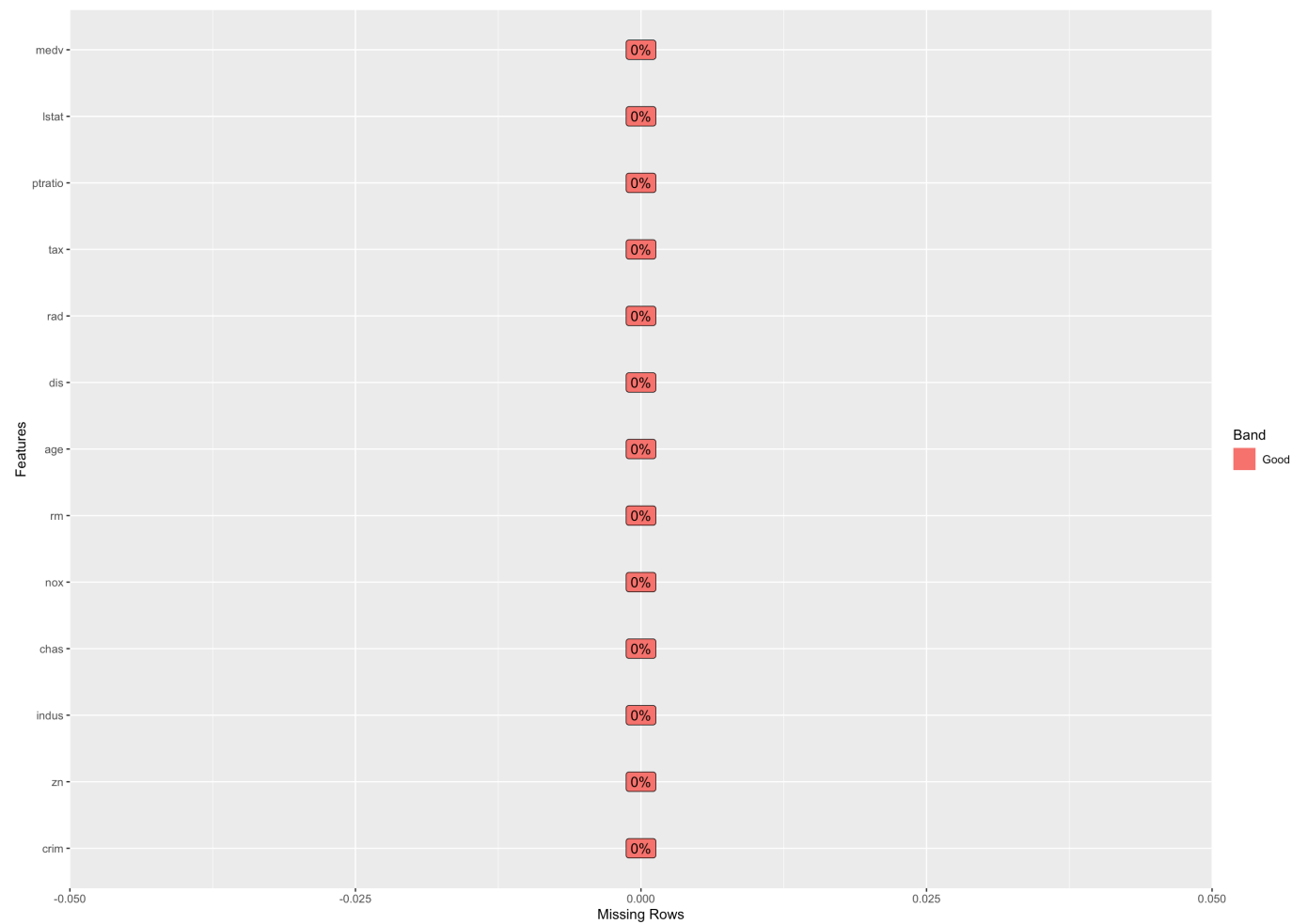
Percentages



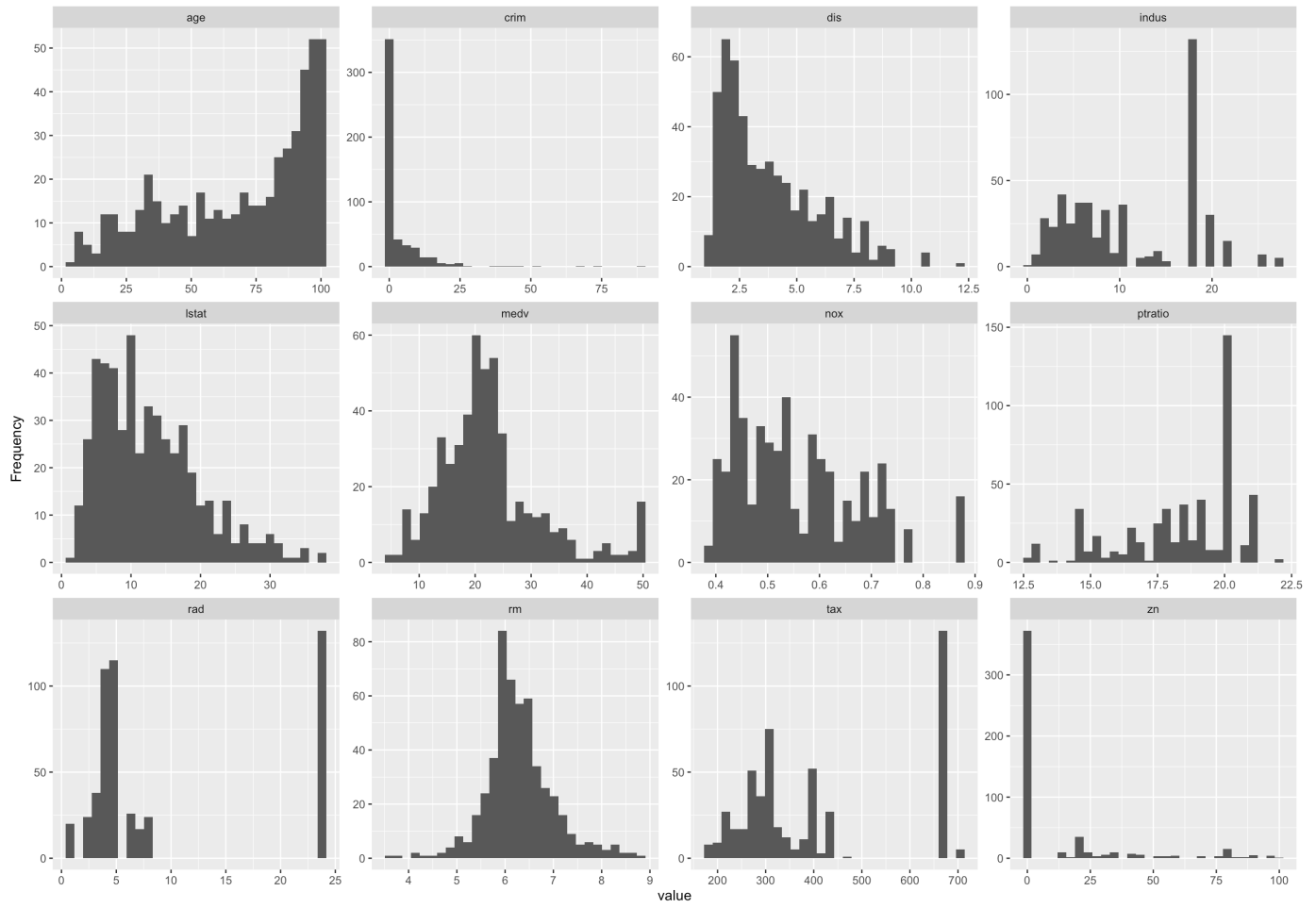
Data Structure



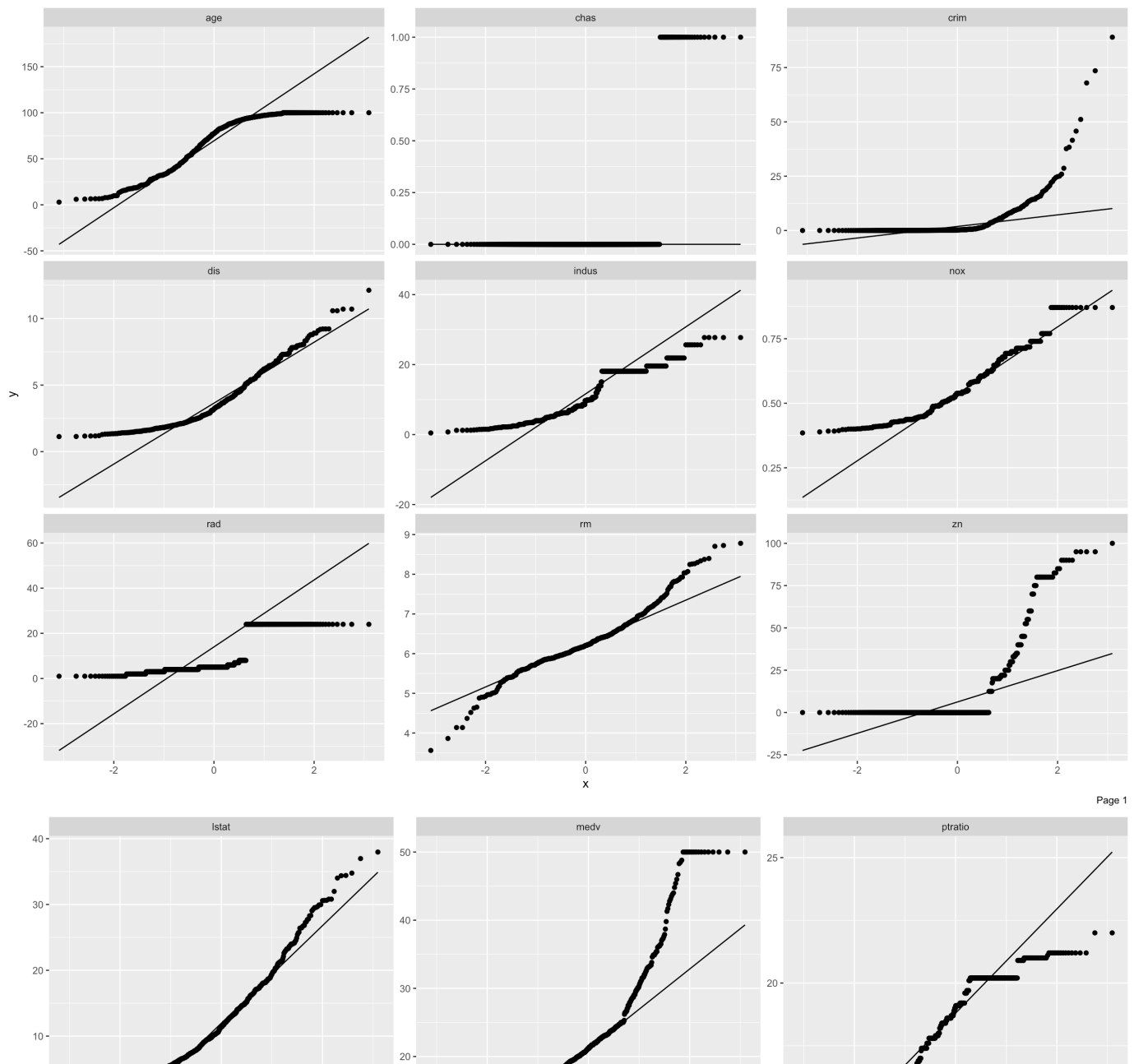
Missing Data Profile



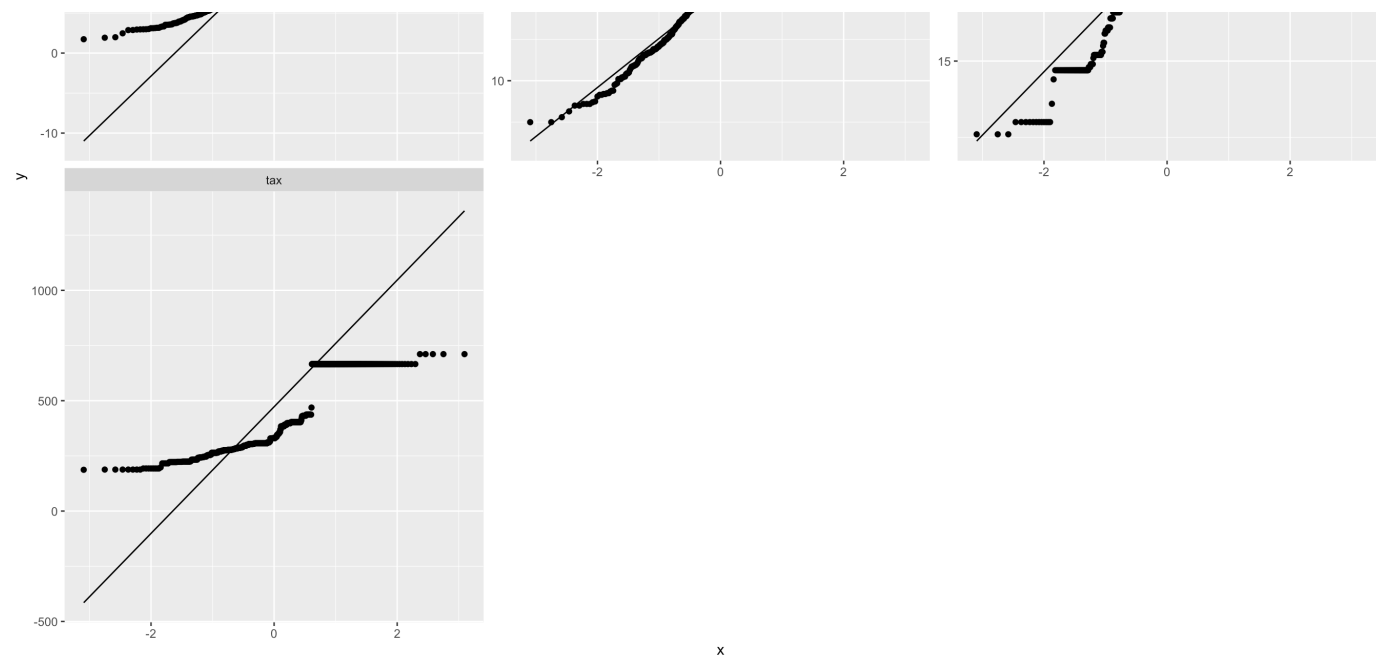
Univariate Distribution
Histogram



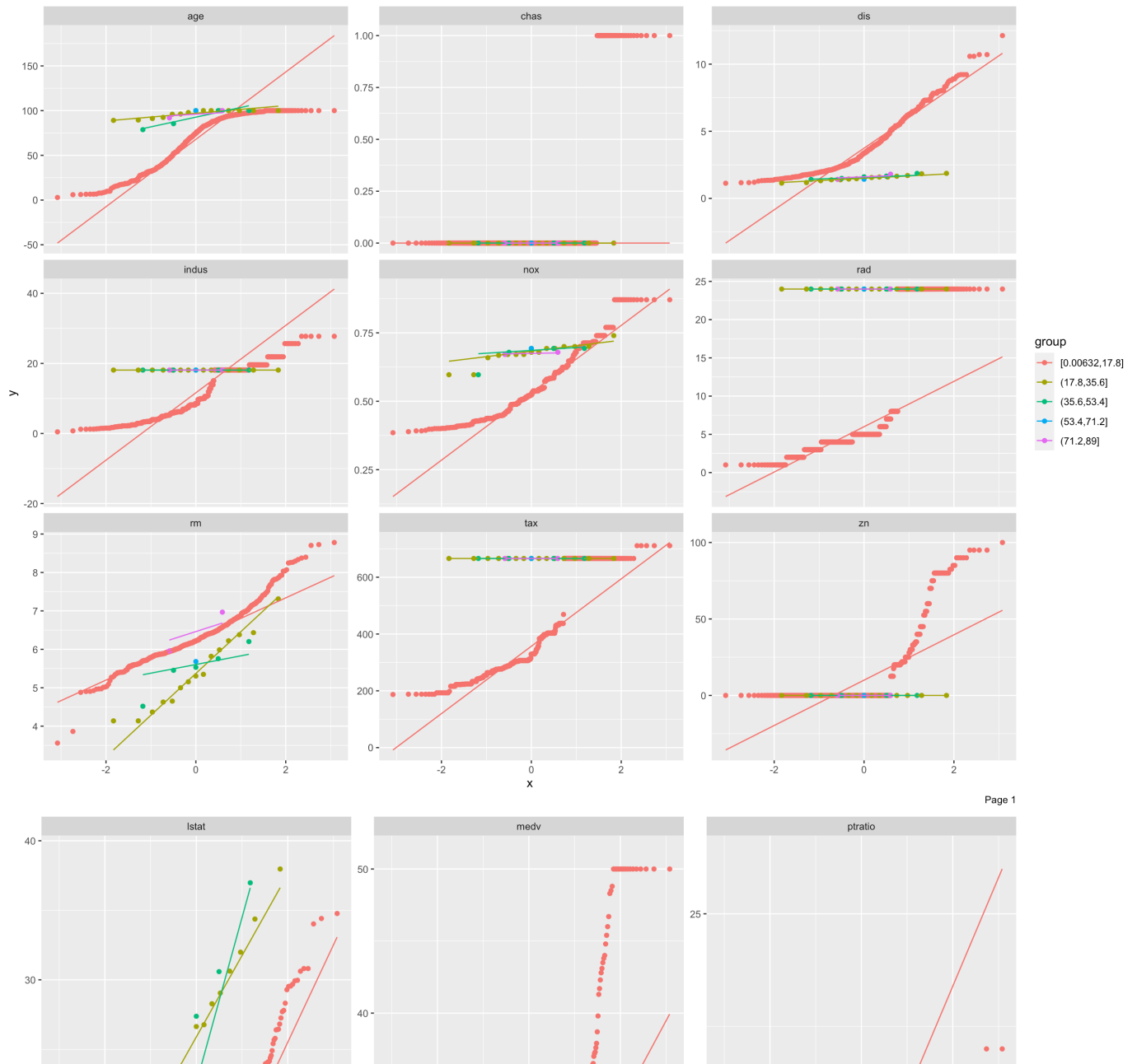
QQ Plot

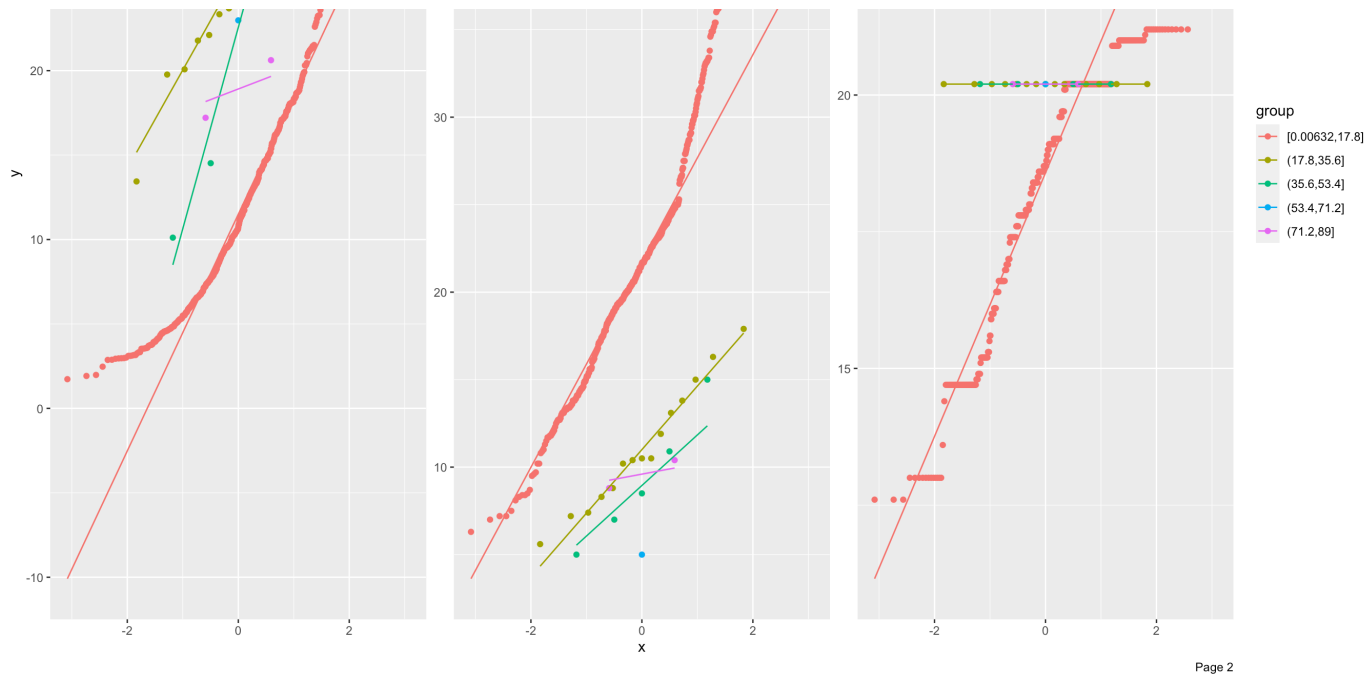


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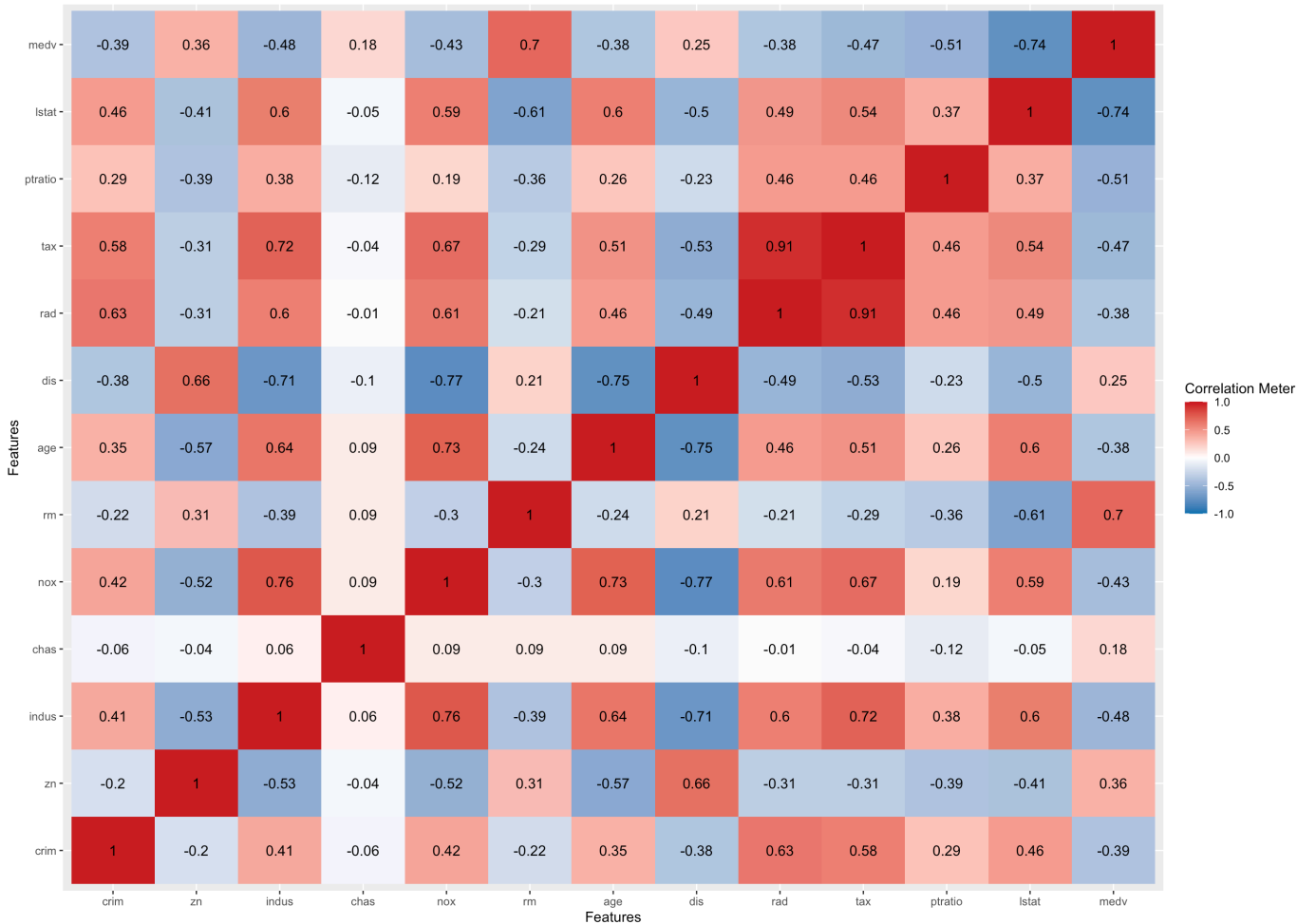


QQ Plot (by crim)

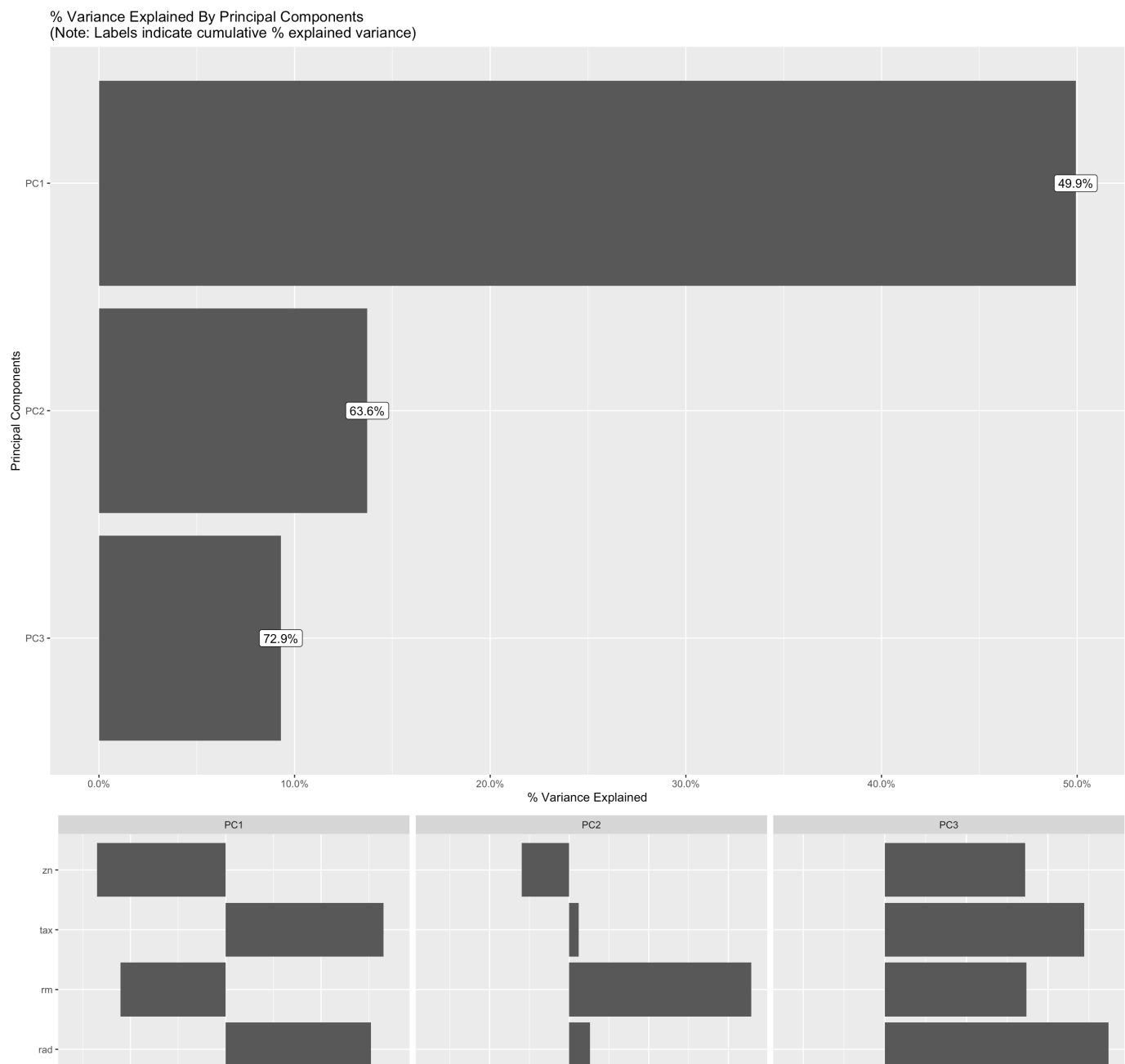


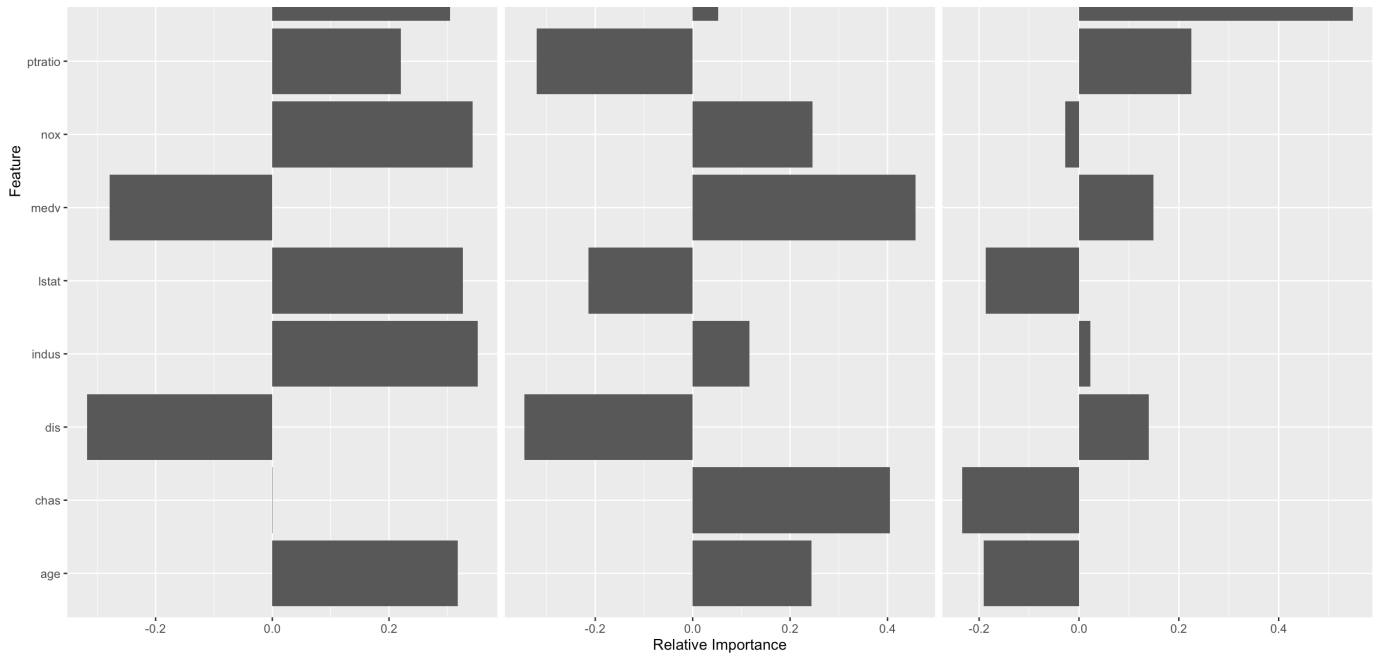


Correlation Analysis



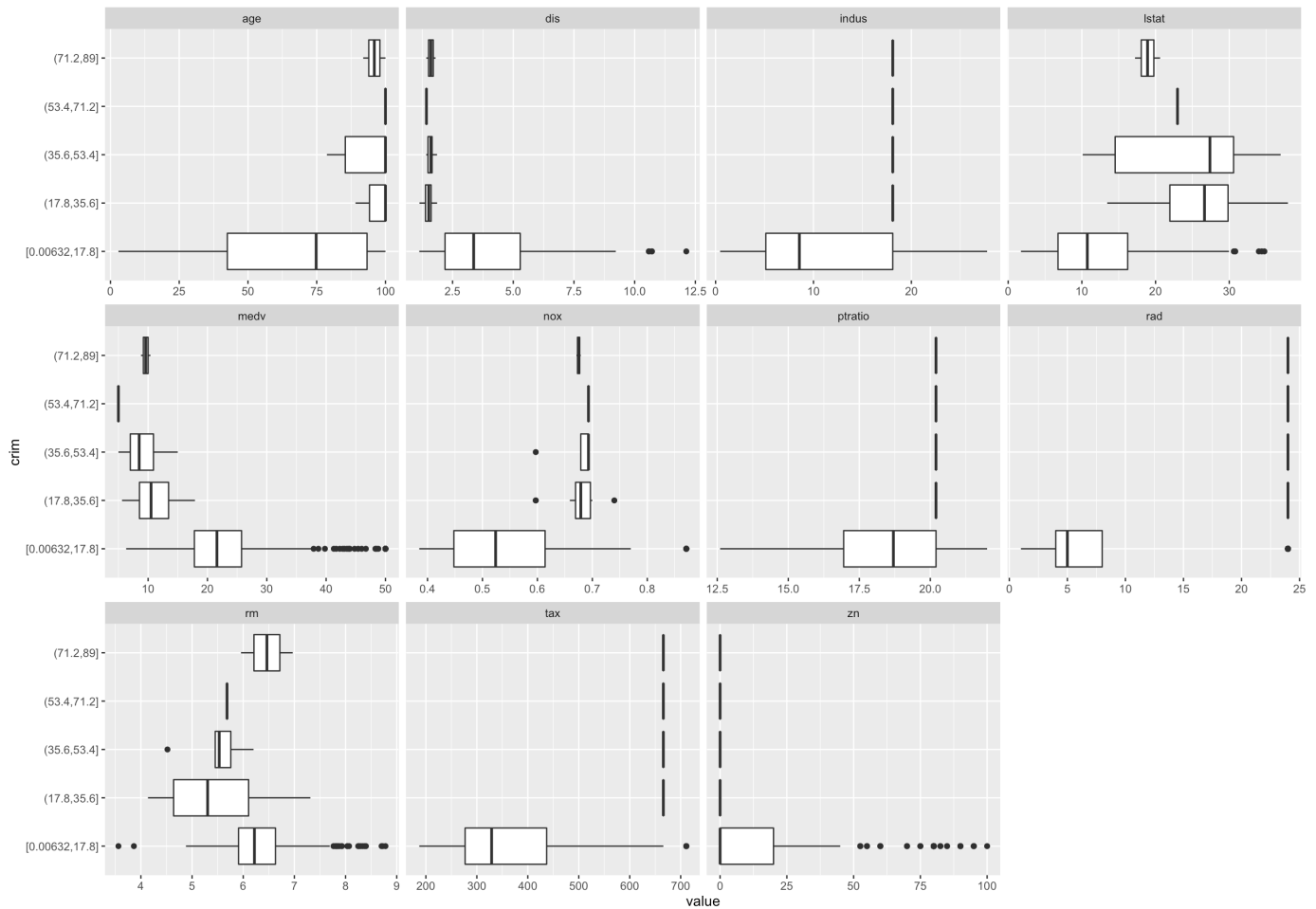
Principal Component Analysis



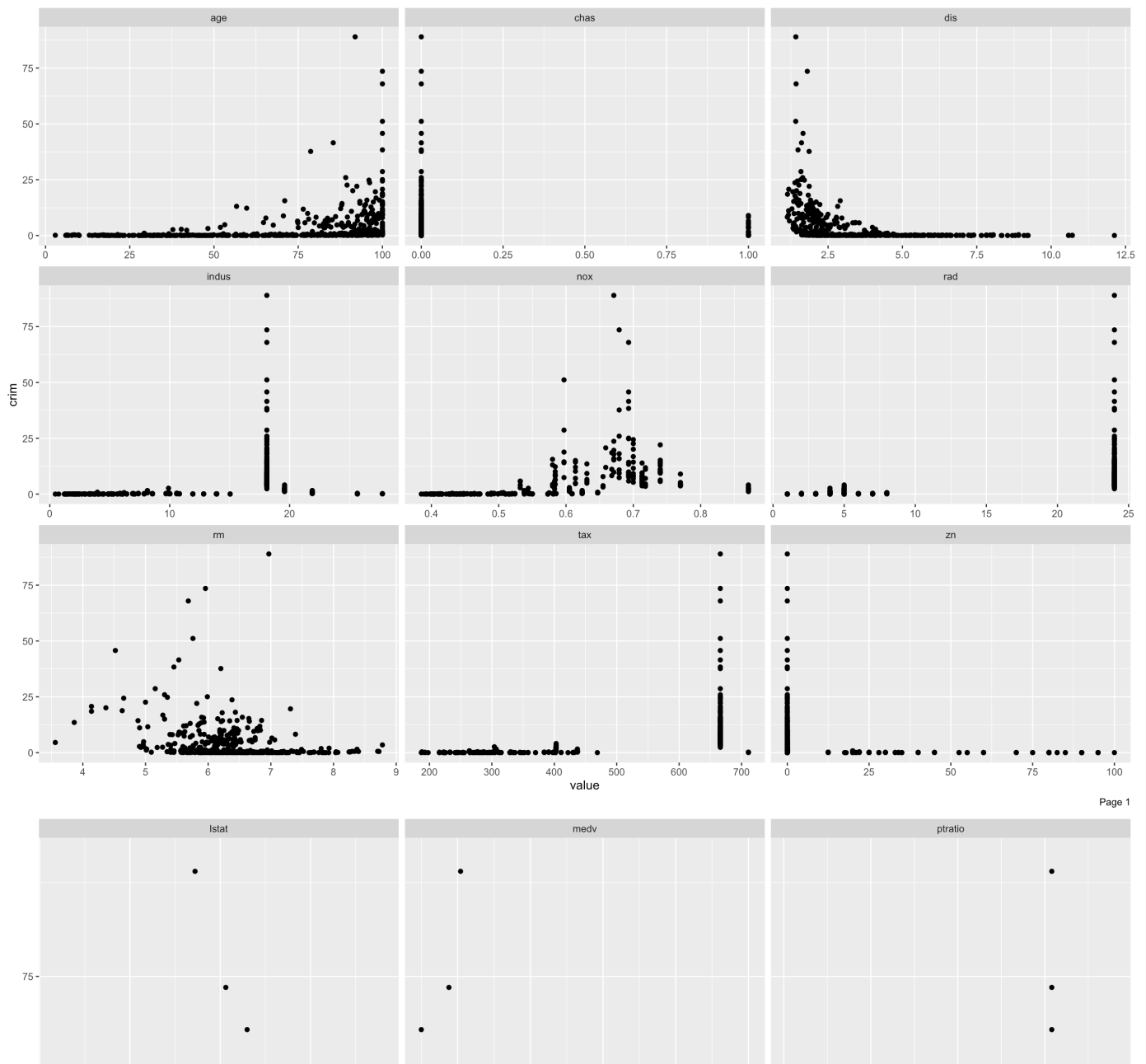


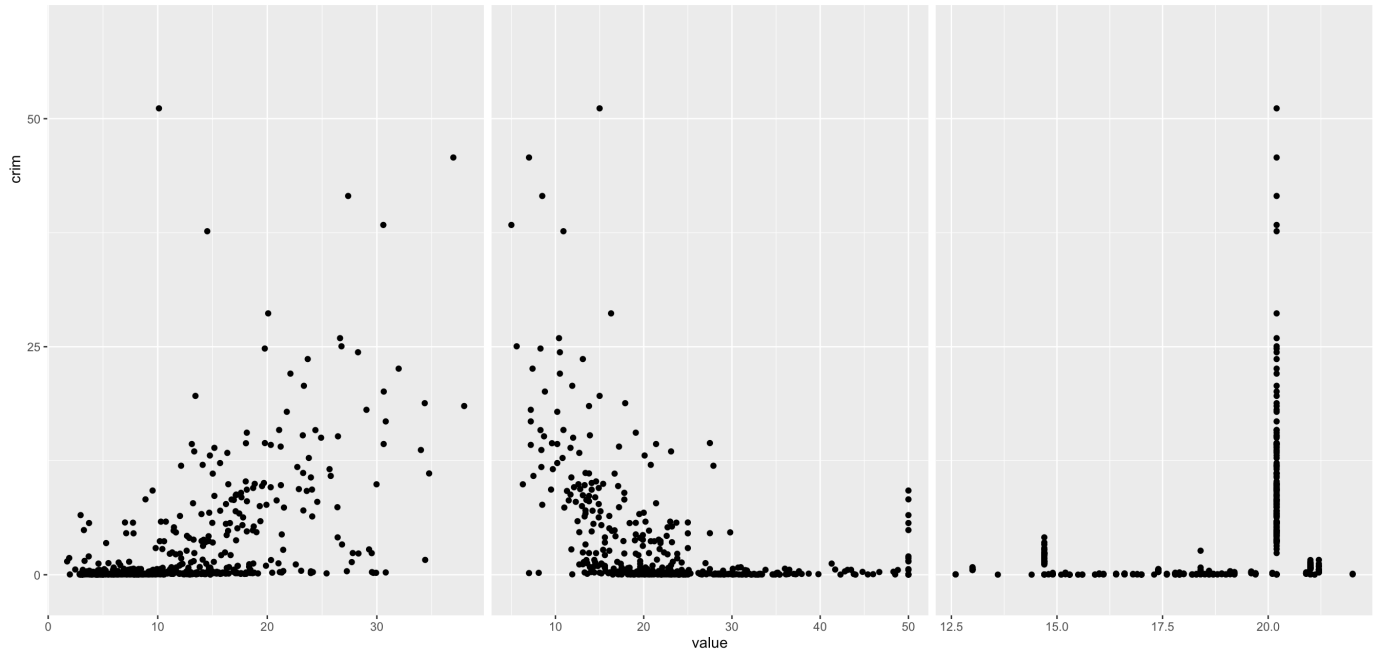
Bivariate Distribution

Boxplot (by crim)



Scatterplot (by crim)





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