

# Data Profiling Report

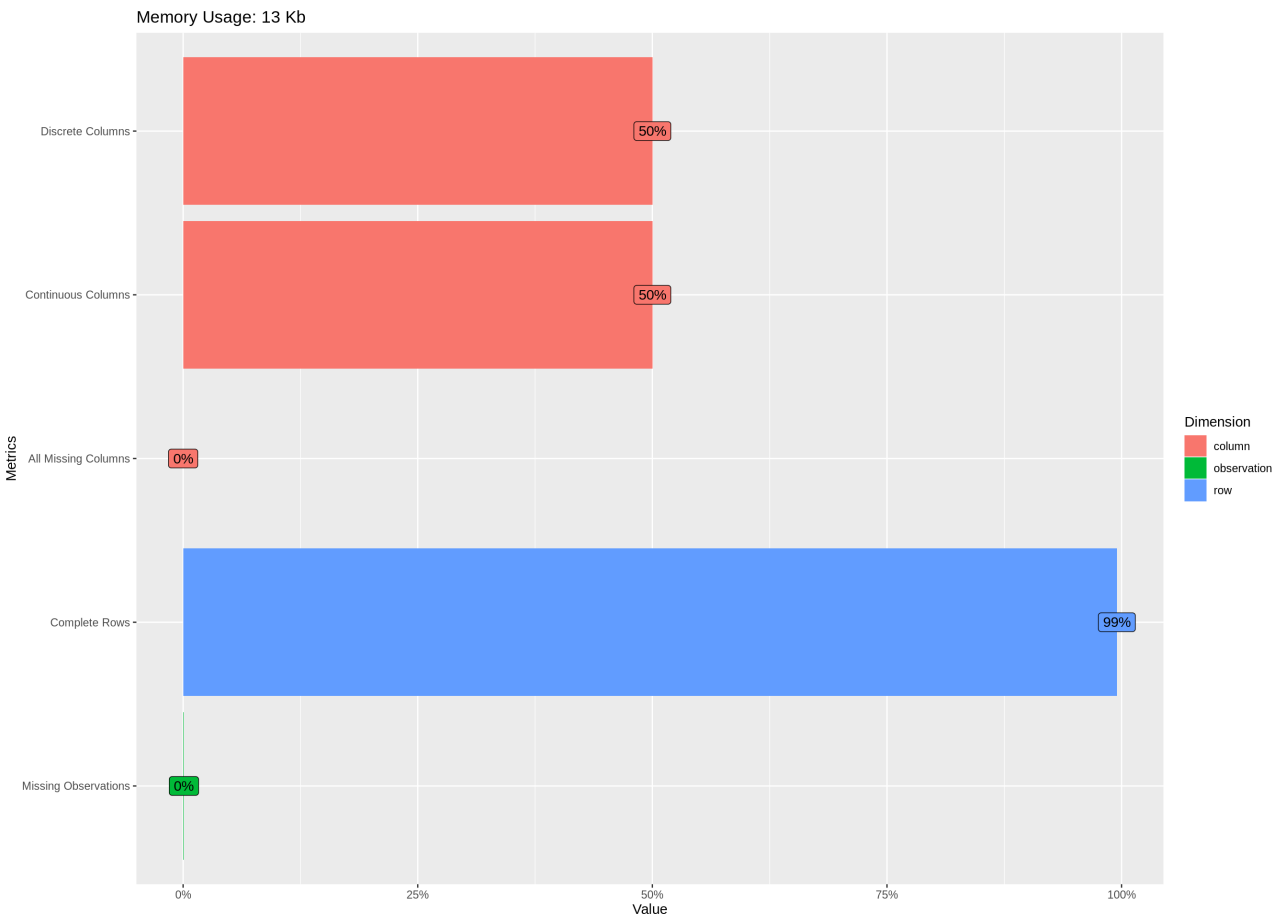
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## Basic Statistics

### Raw Counts

Name	Value
Rows	397
Columns	6
Discrete columns	3
Continuous columns	3
All missing columns	0
Missing observations	2
Complete Rows	395
Total observations	2,382
Memory allocation	13 Kb

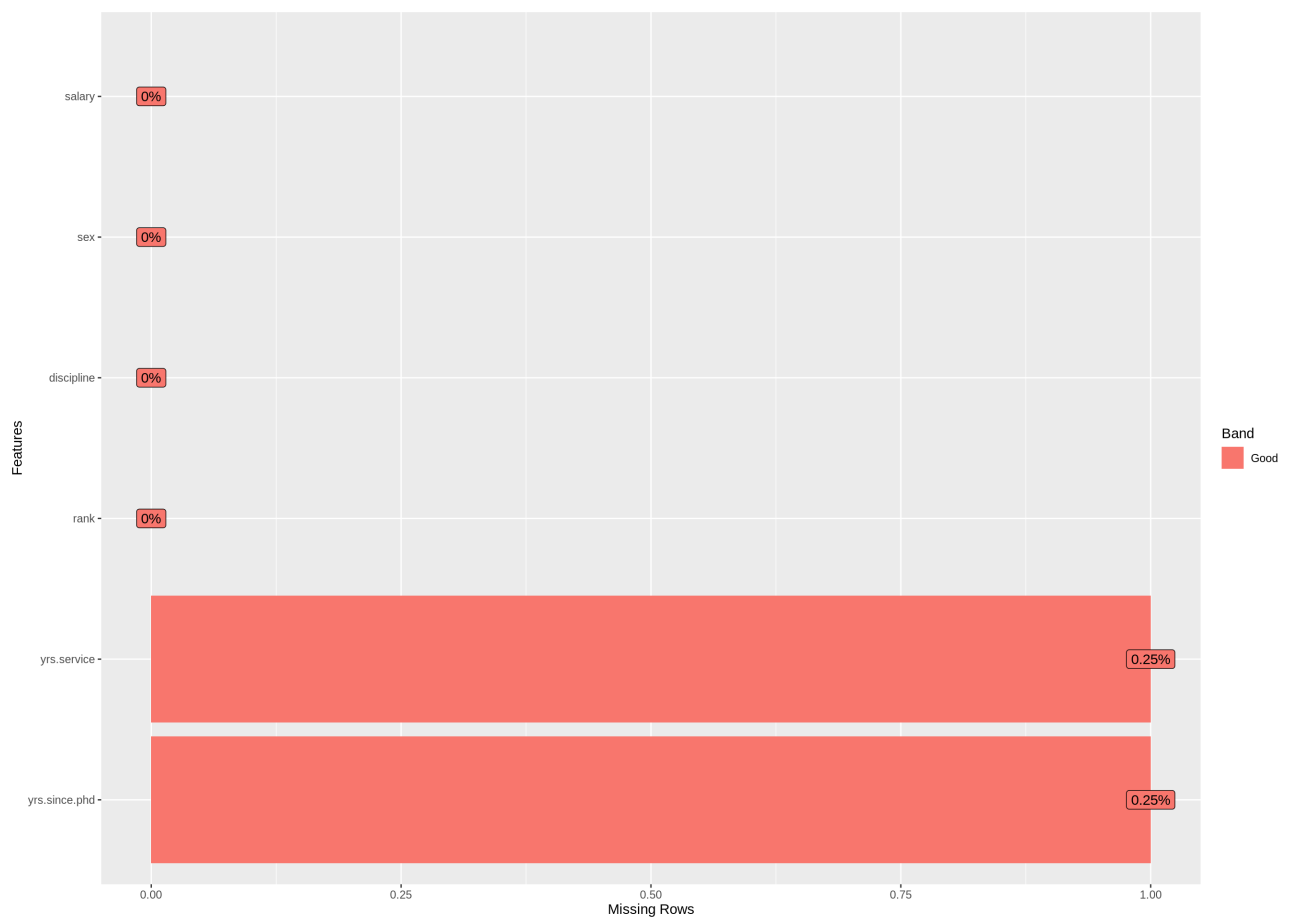
### Percentages



## Data Structure

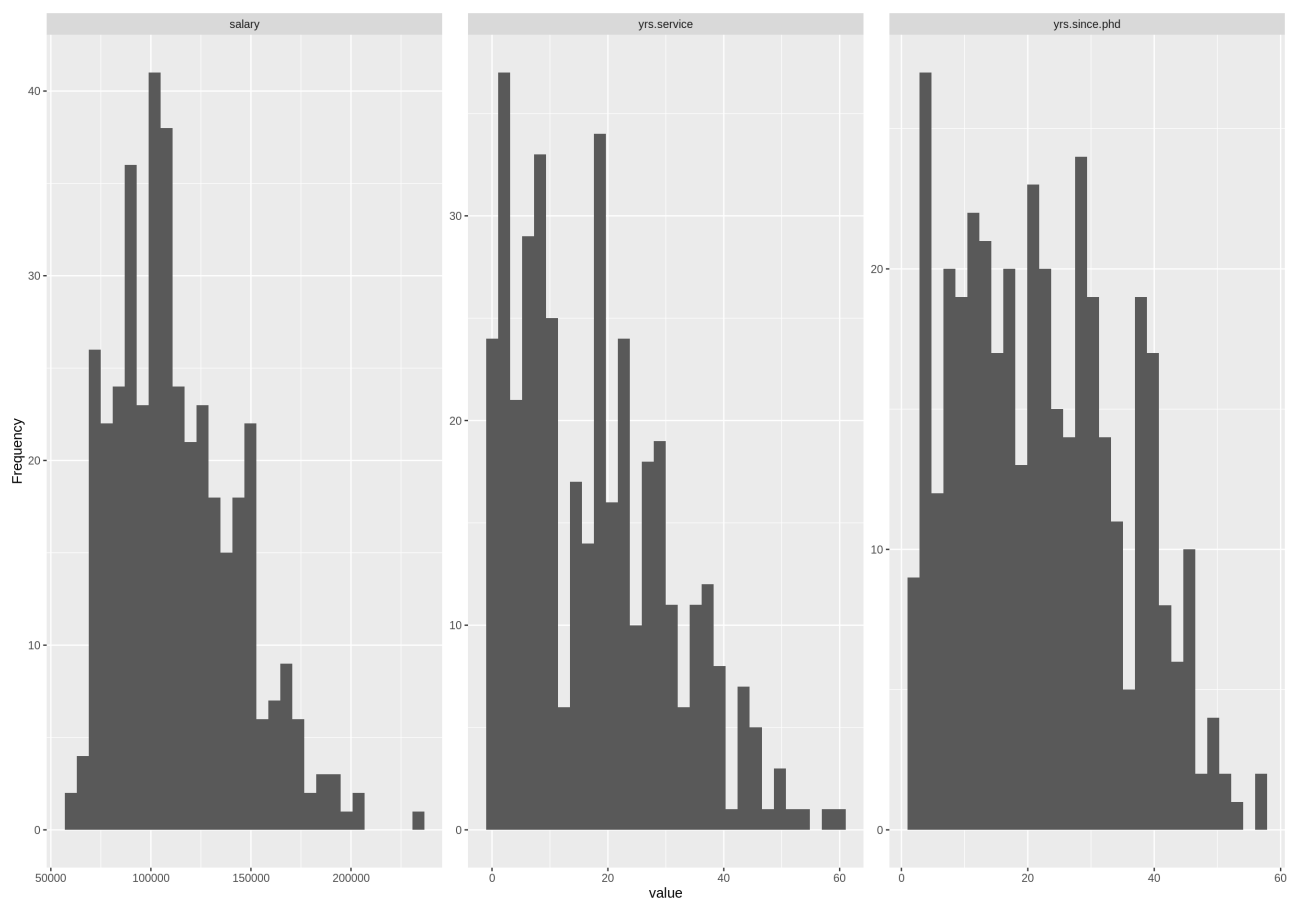
```
salary(int) with 2 levels: "Female", "Male")
rank1(factor with 2 levels: "AssocProf", "AsstProf",)
```

## Missing Data Profile

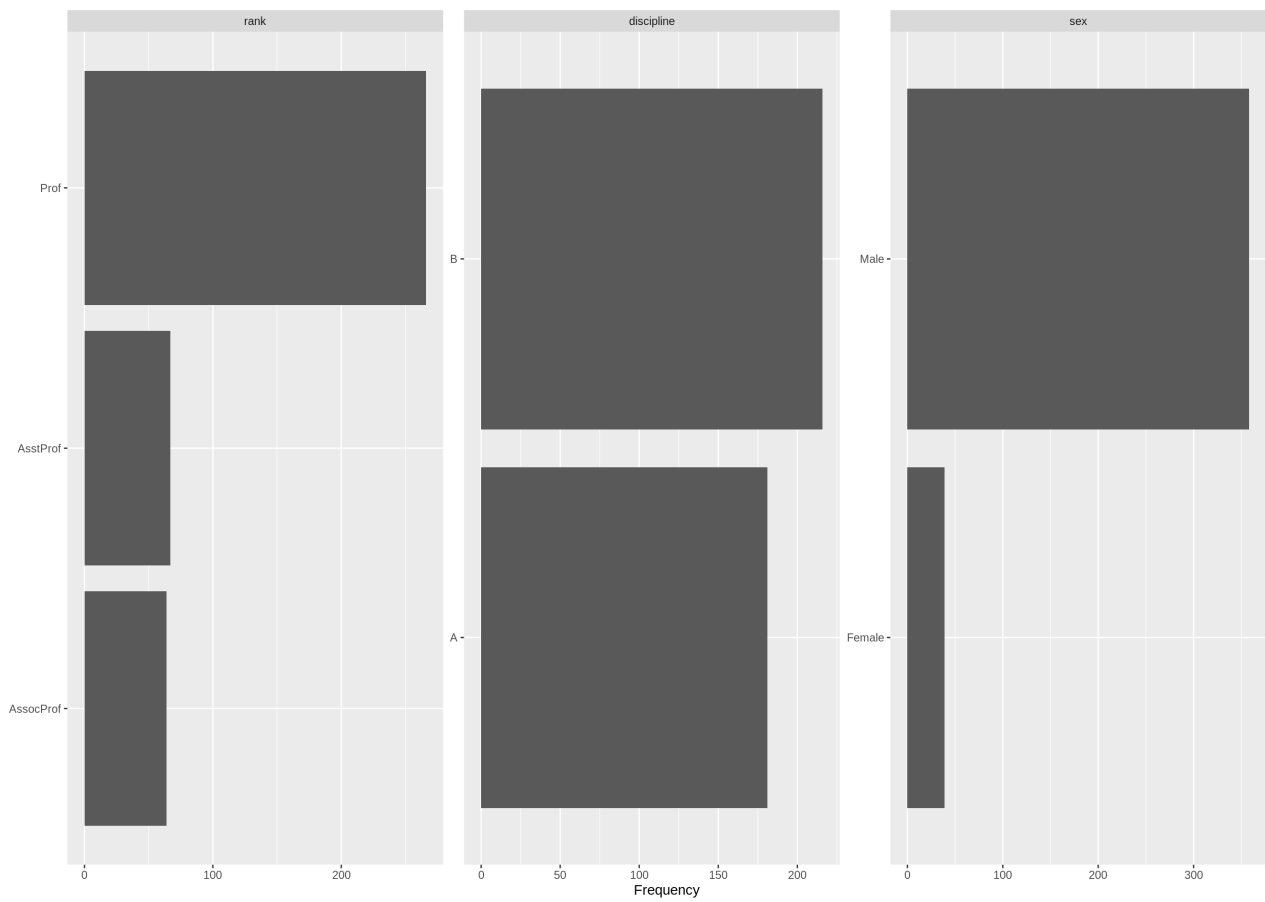


## Univariate Distribution

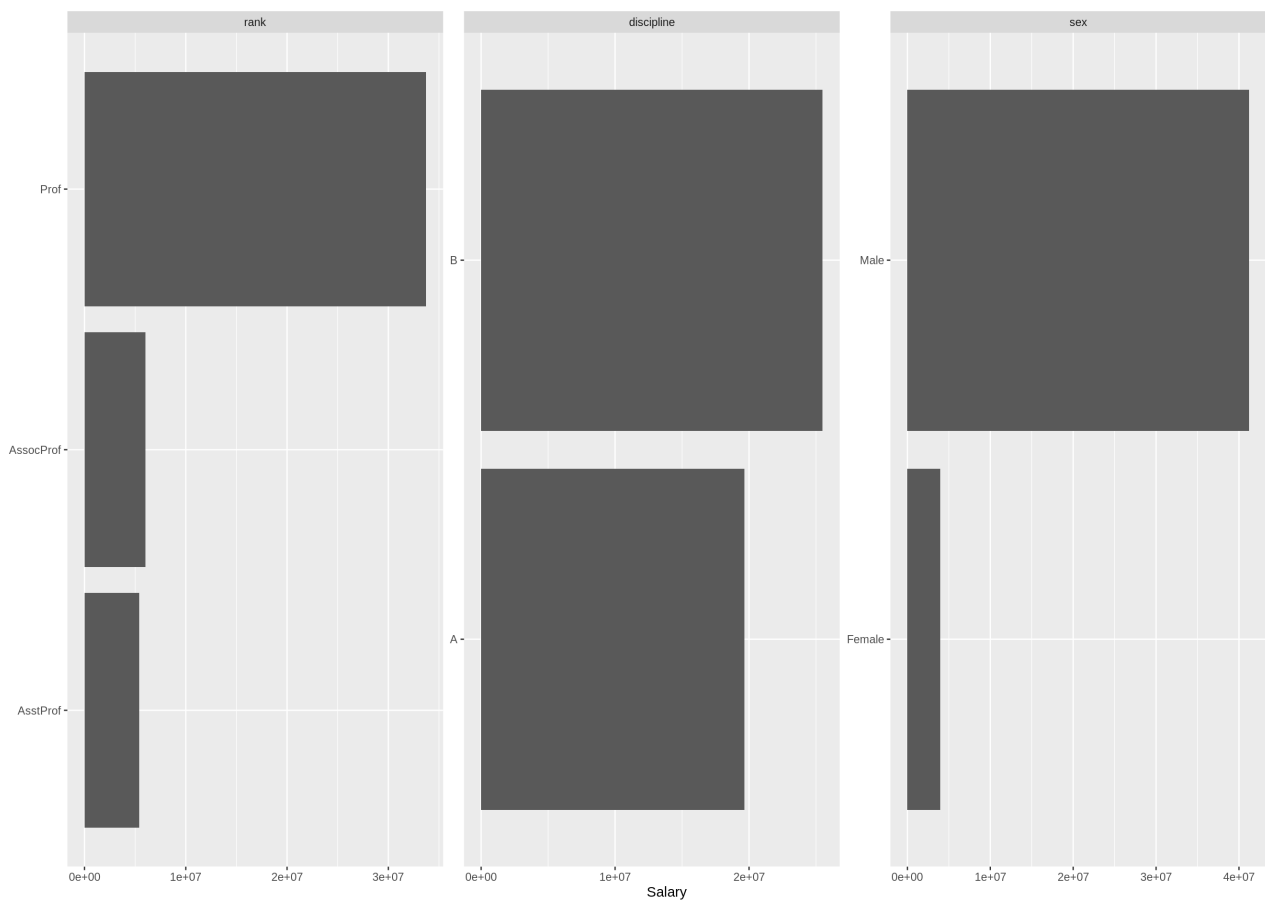
### Histogram



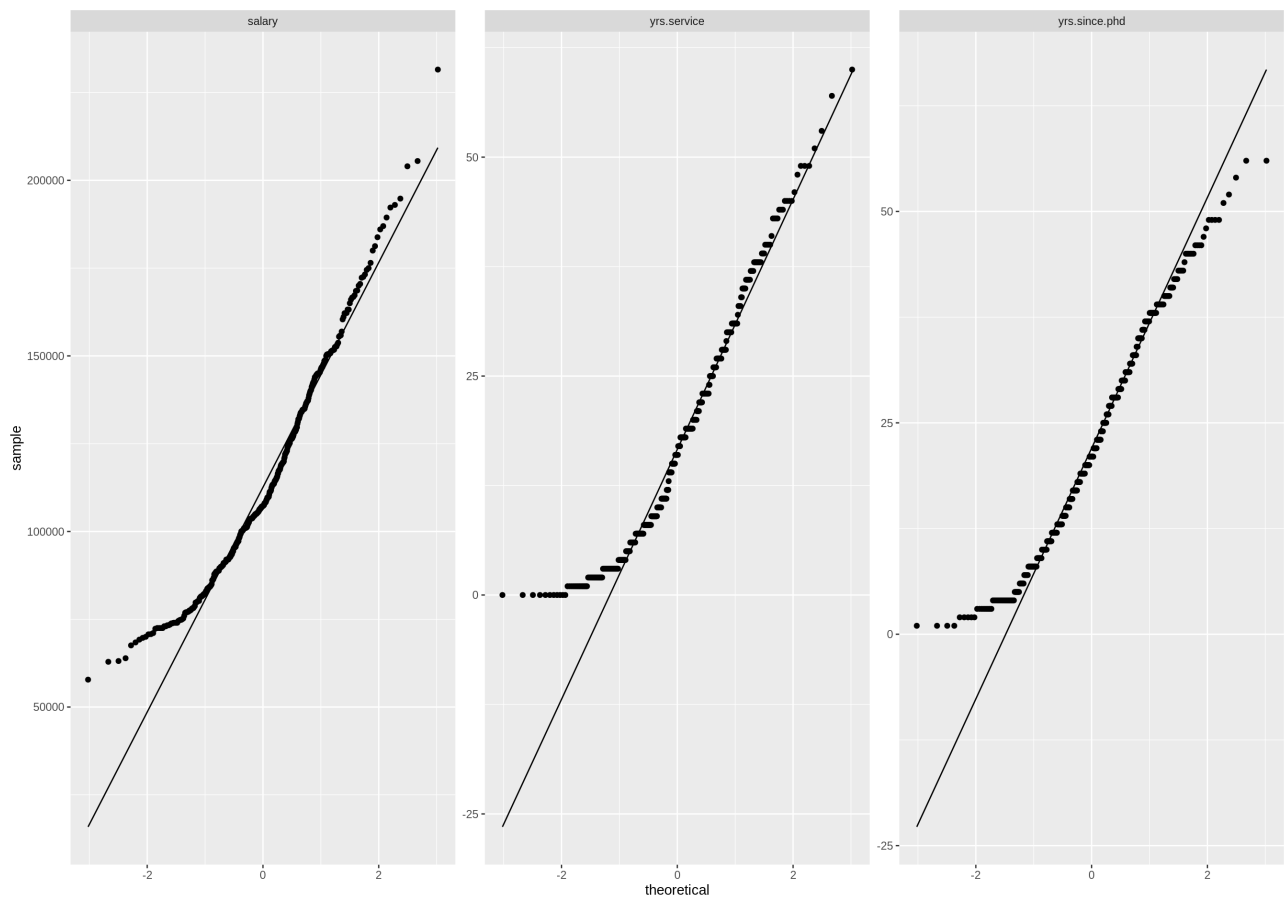
### Bar Chart (by frequency)



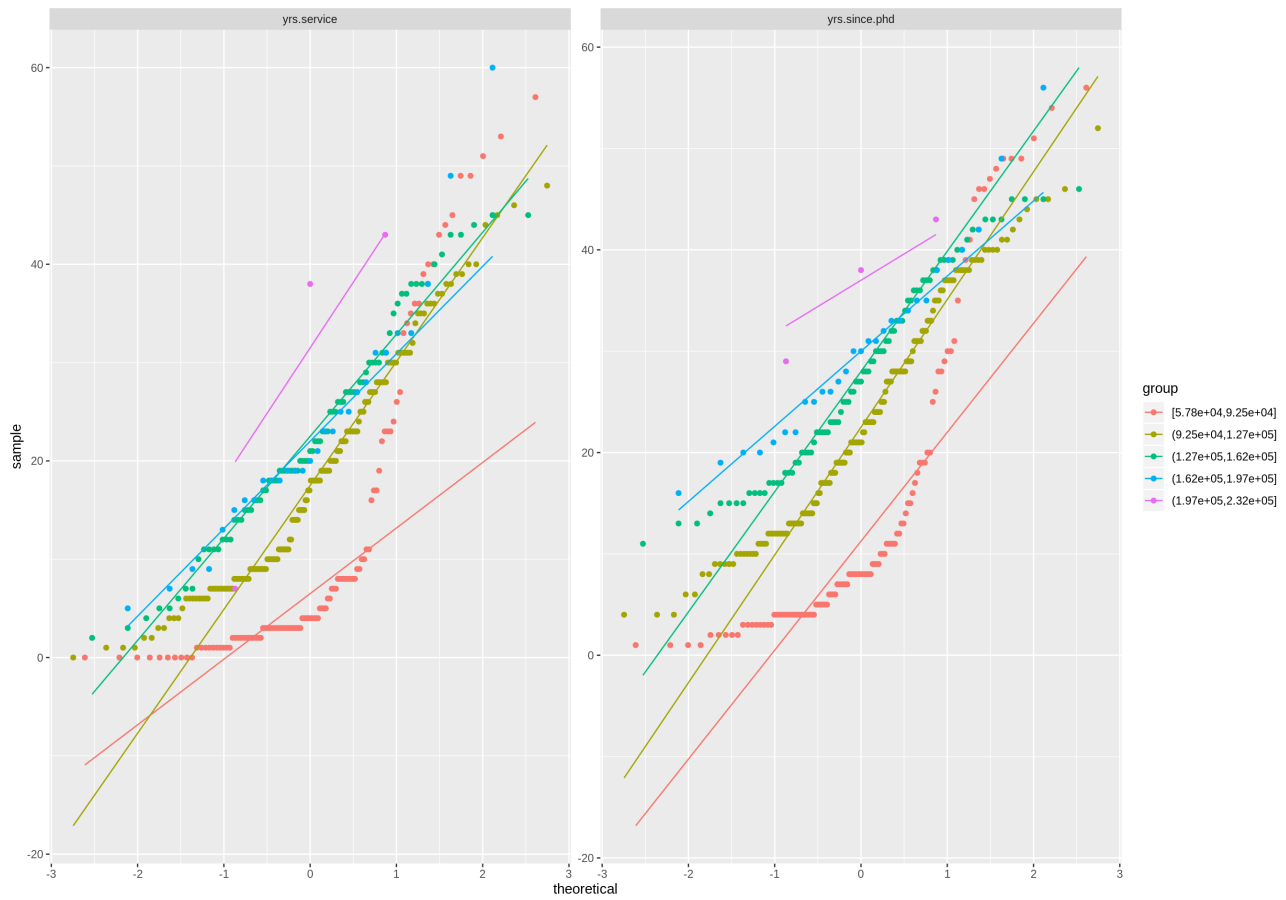
Bar Chart (by salary)



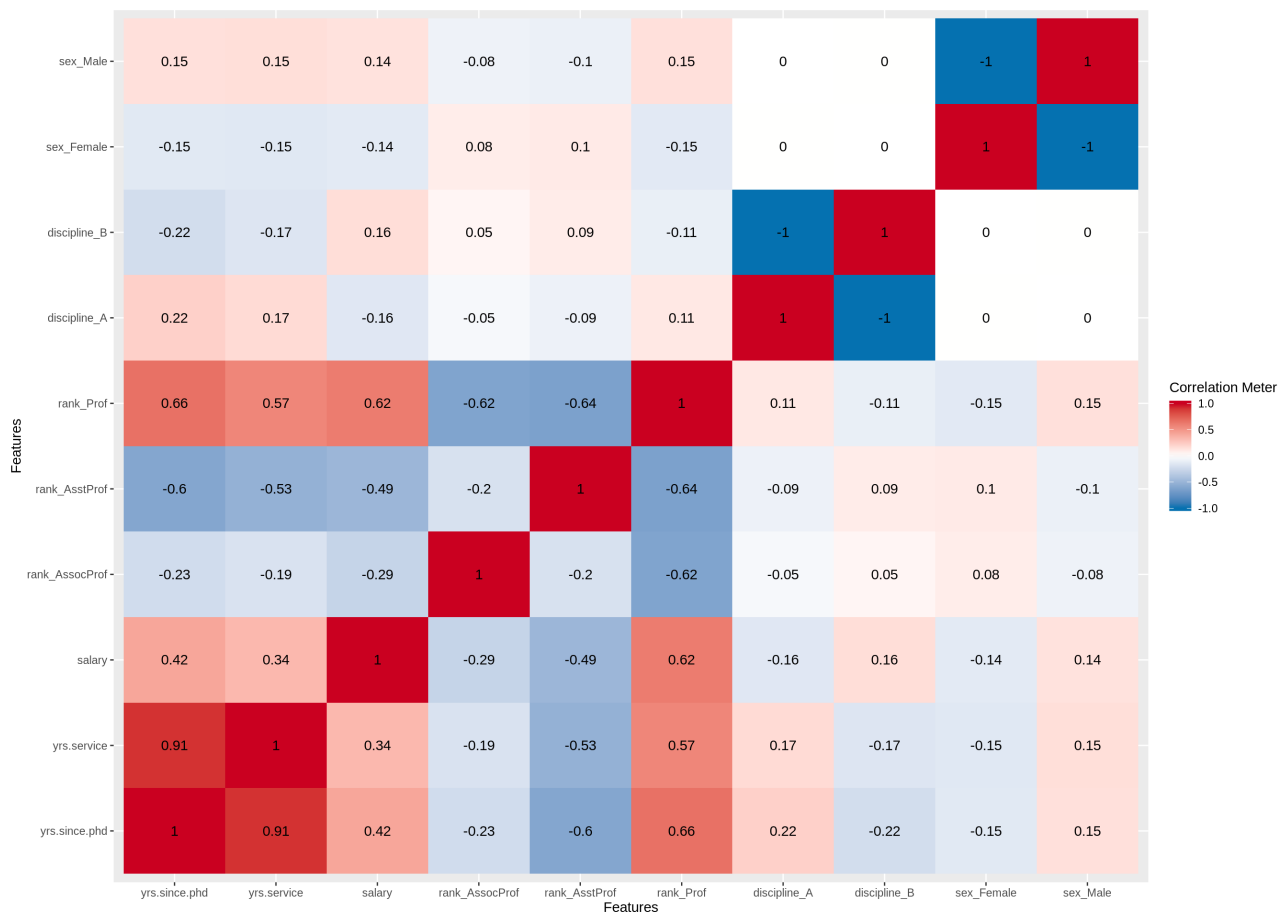
QQ Plot



QQ Plot (by salary)

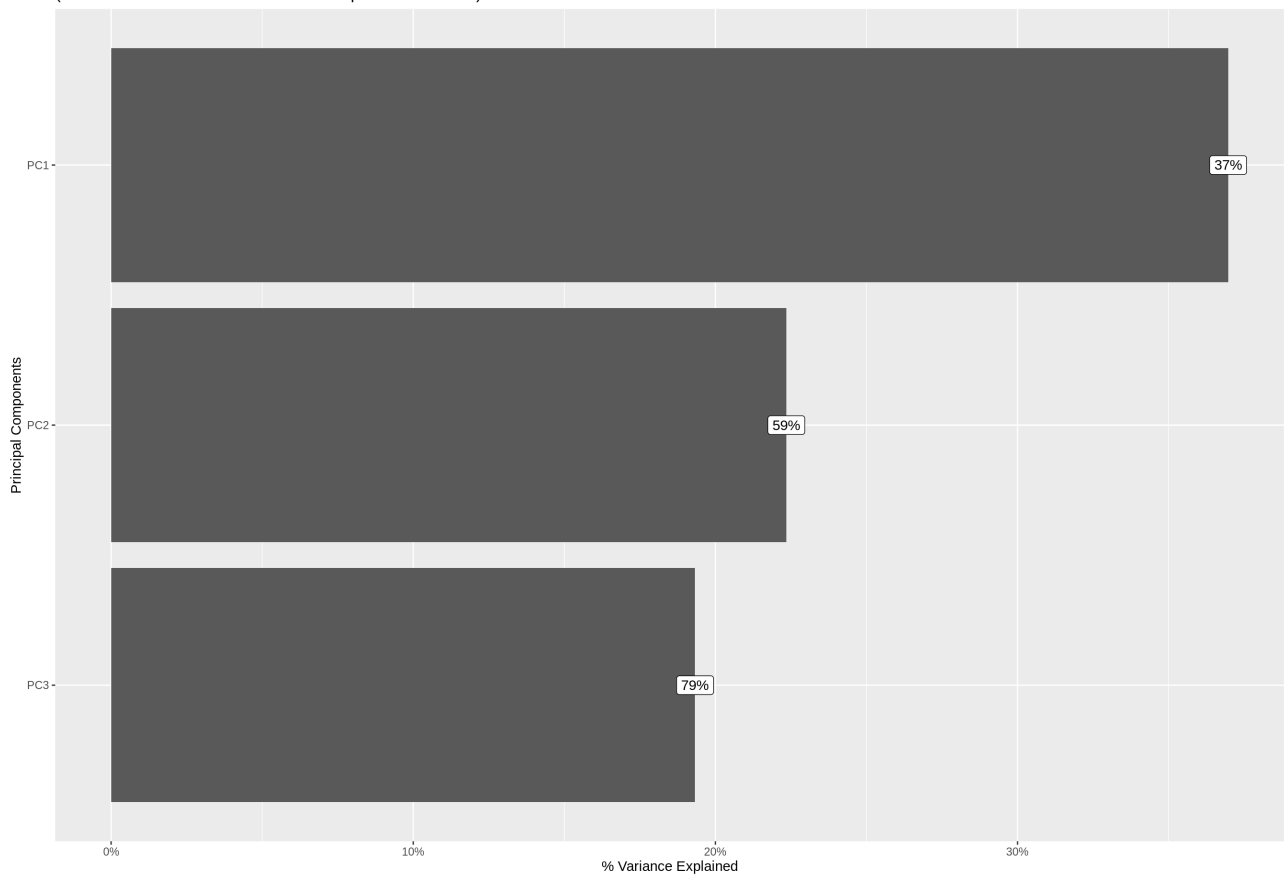


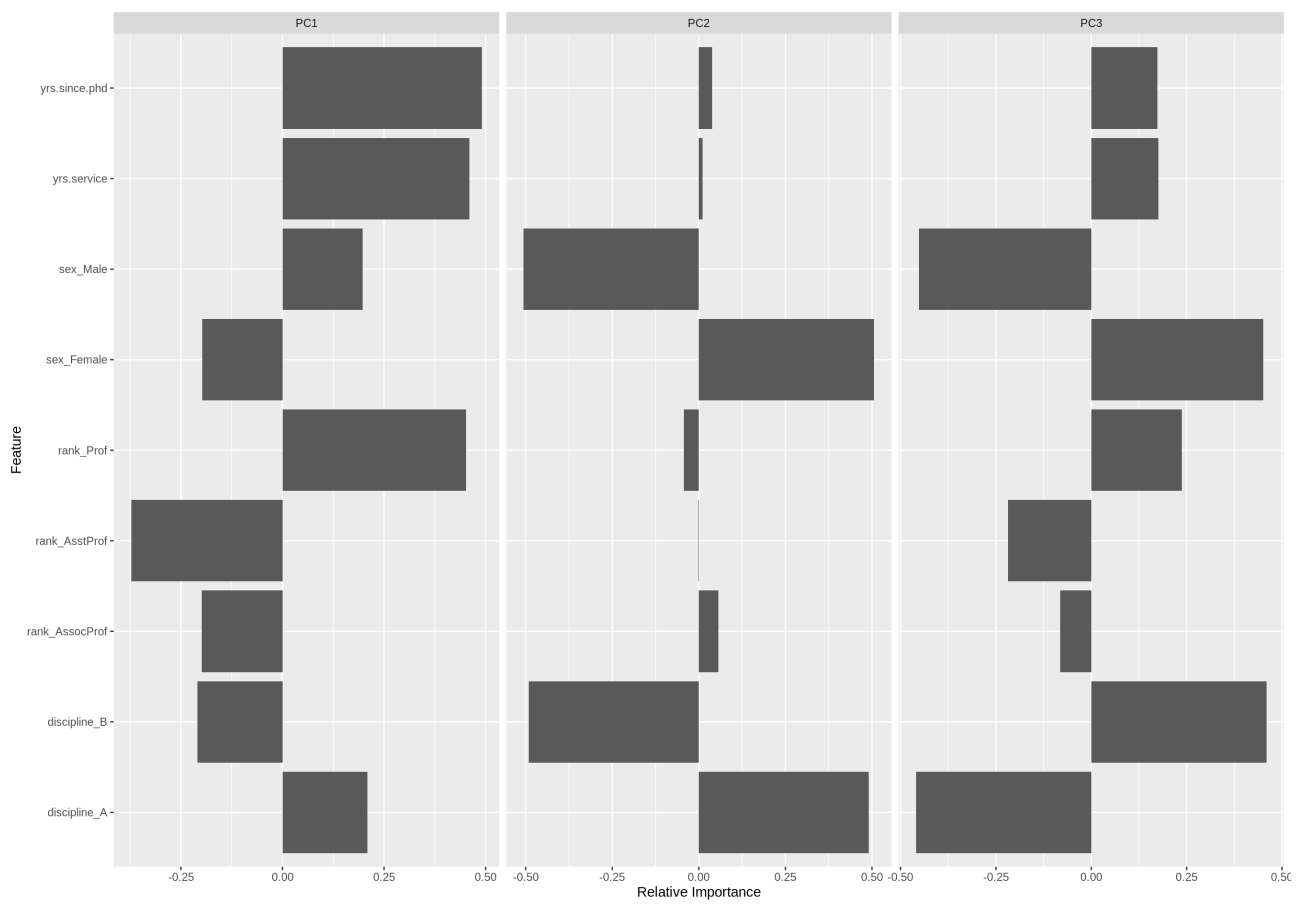
Correlation Analysis



## Principal Component Analysis

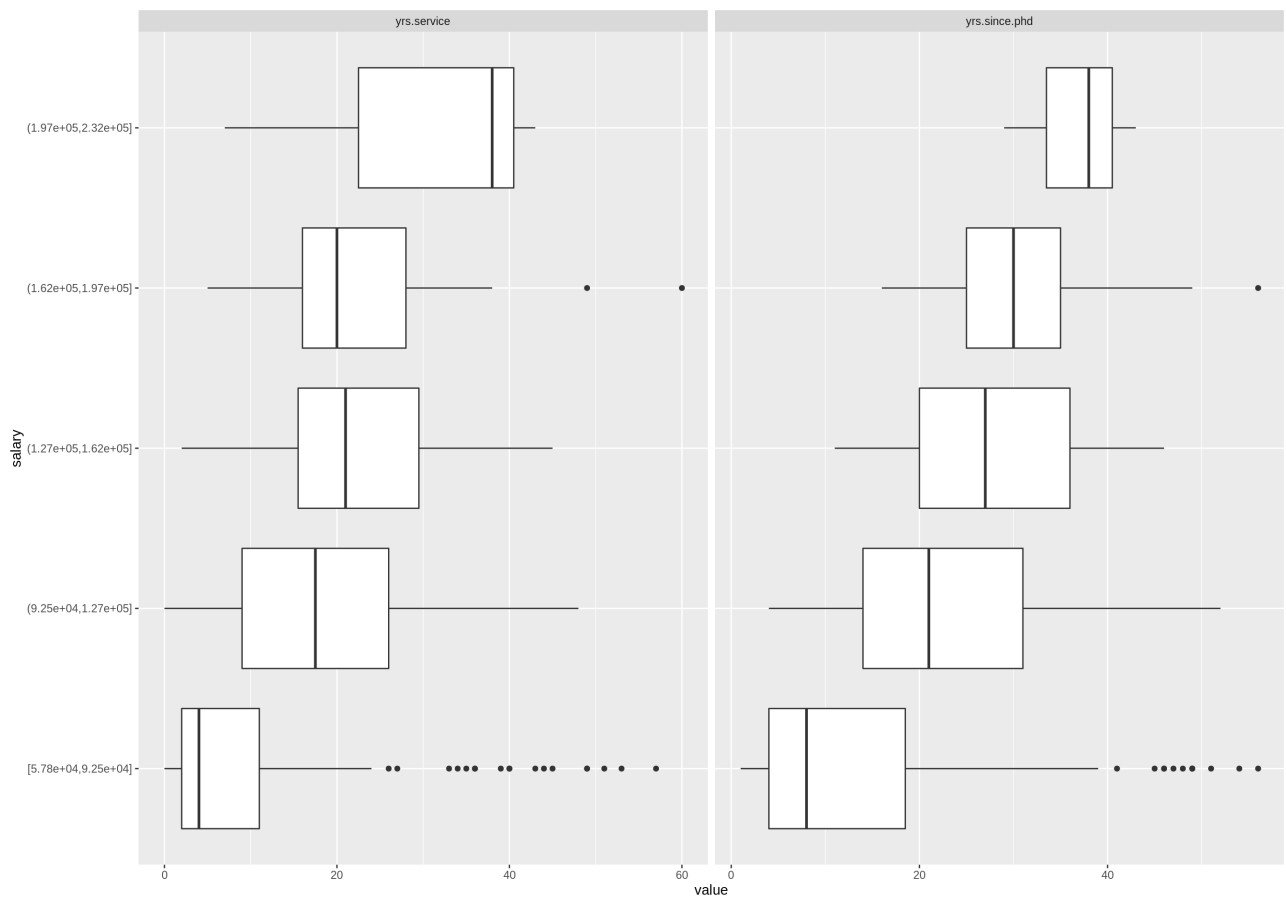
% Variance Explained By Principal Components  
(Note: Labels indicate cumulative % explained variance)





## Bivariate Distribution

Boxplot (by salary)



Scatterplot (by salary)

