

# Data Profiling Report

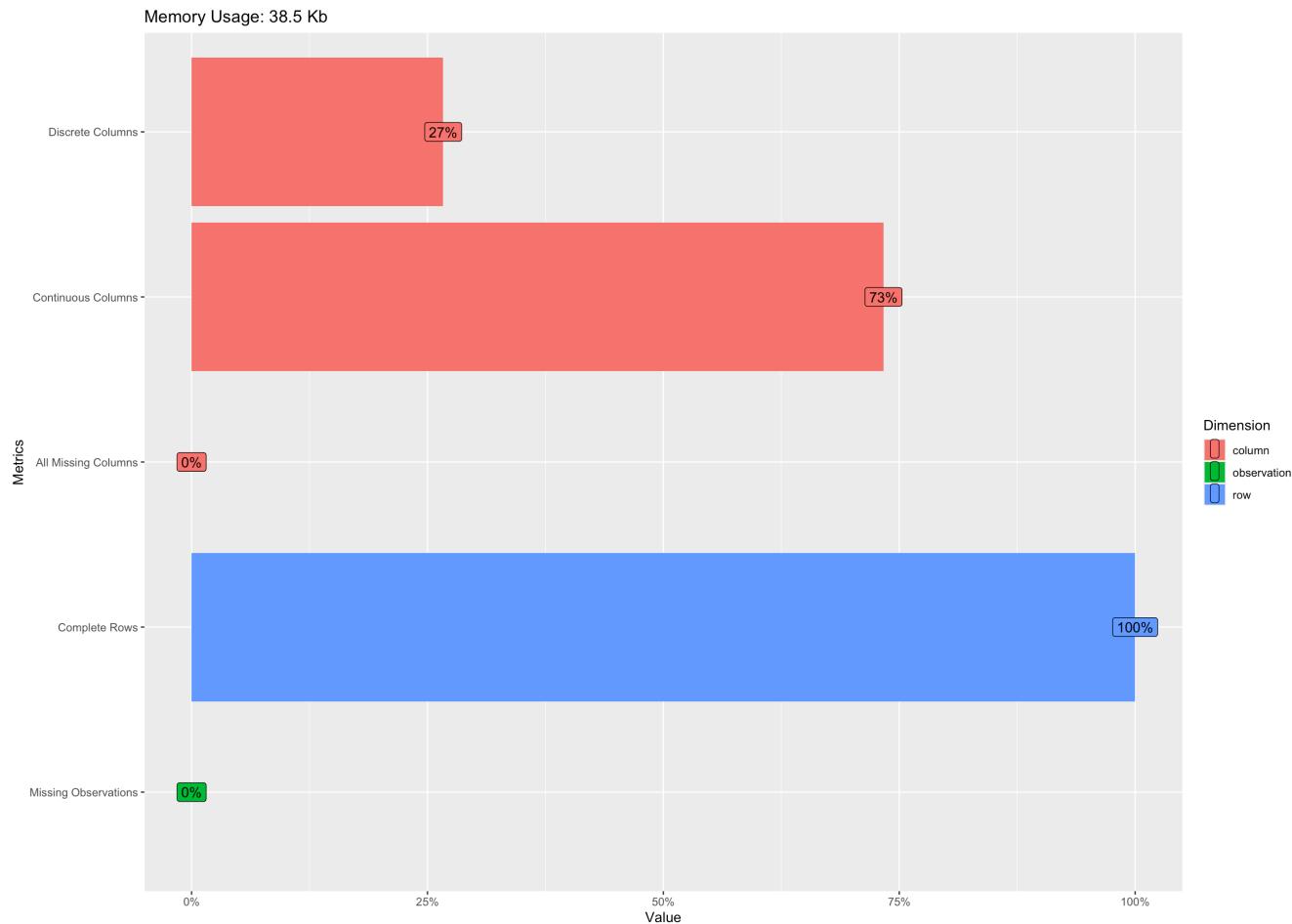
- Basic Statistics
  - Raw Counts
  - Percentages
- Data Structure
- Missing Data Profile
- Univariate Distribution
  - Histogram
  - Bar Chart (with frequency)
  - QQ Plot
- Correlation Analysis
- Principal Component Analysis

## Basic Statistics

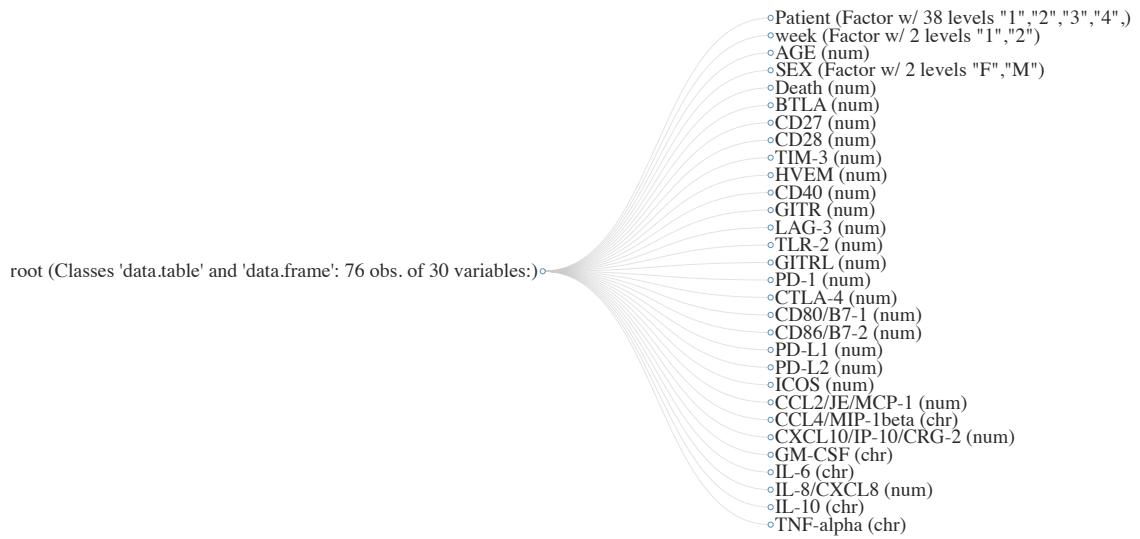
### Raw Counts

Name	Value
Rows	76
Columns	30
Discrete columns	8
Continuous columns	22
All missing columns	0
Missing observations	0
Complete Rows	76
Total observations	2,280
Memory allocation	38.5 Kb

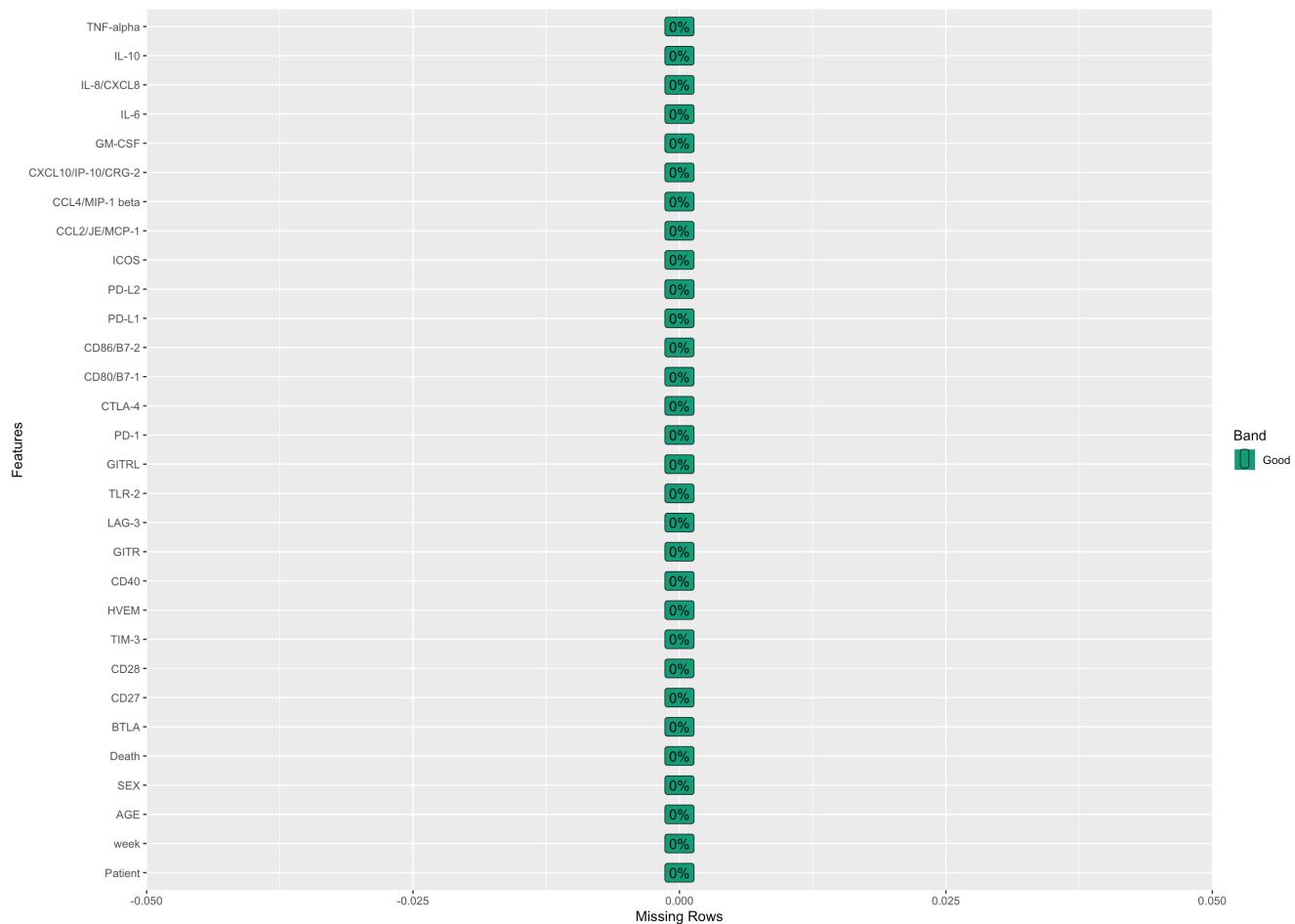
### Percentages



## Data Structure



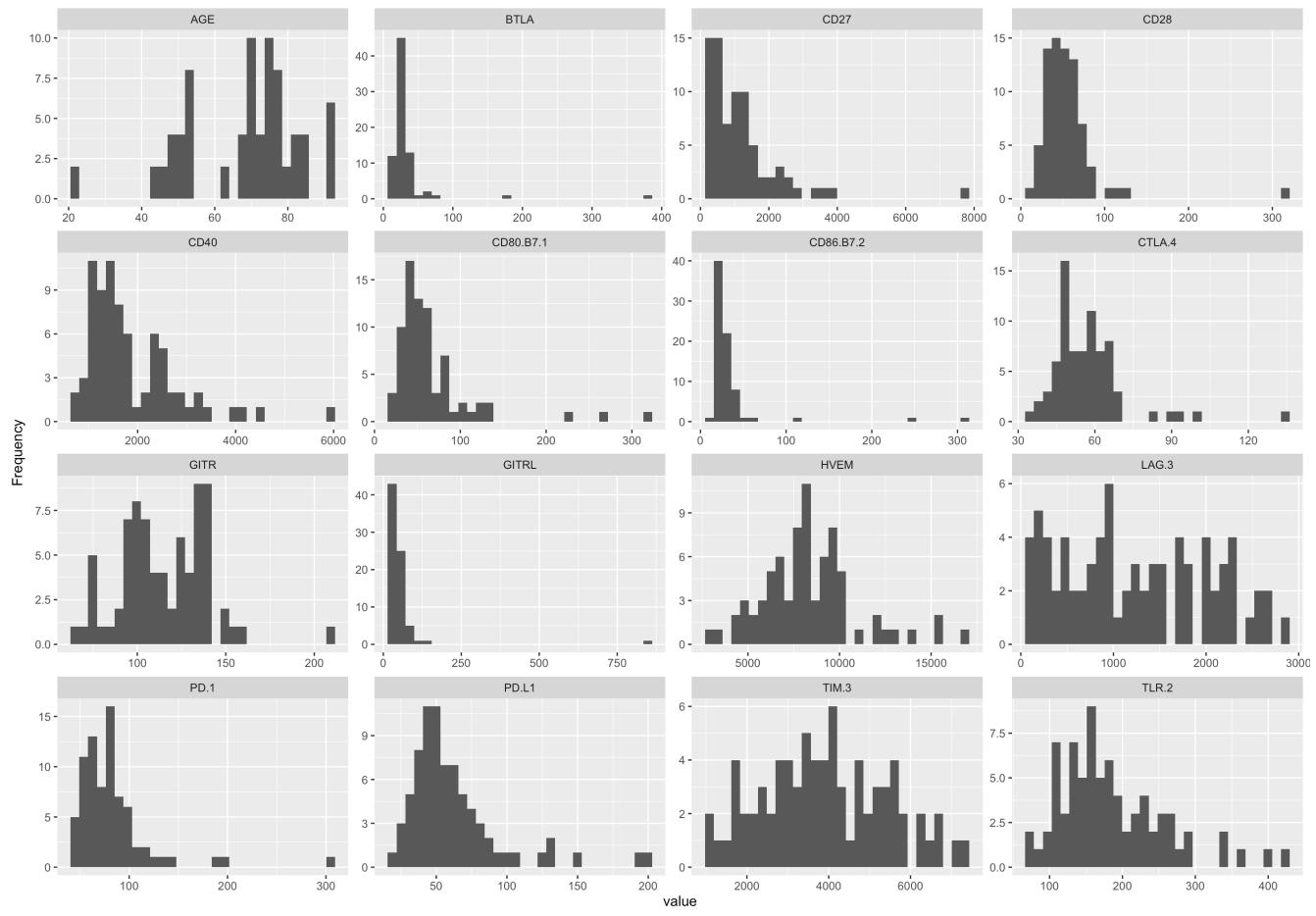
## Missing Data Profile



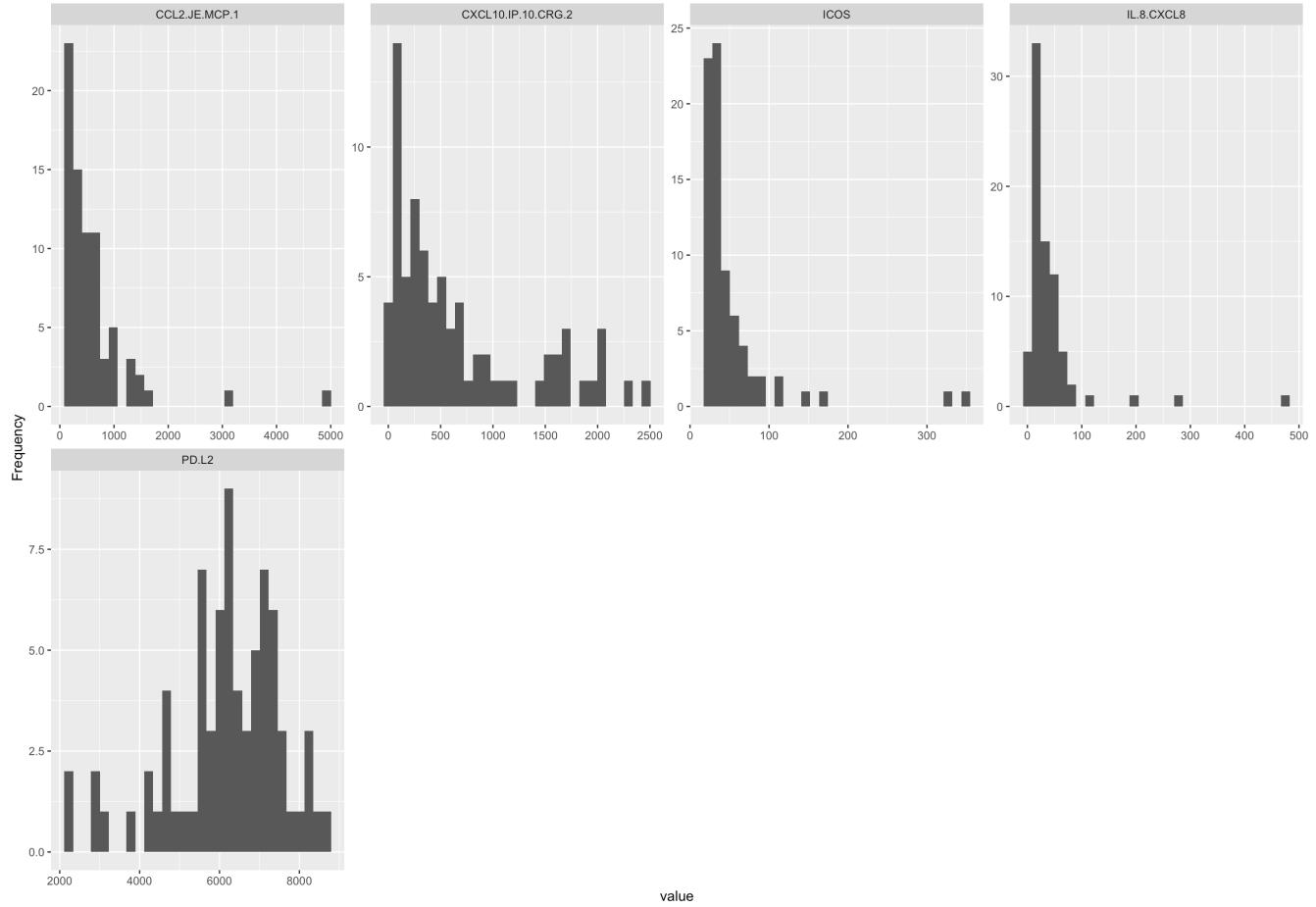
## Univariate Distribution

### Histogram

## Data Profiling Report



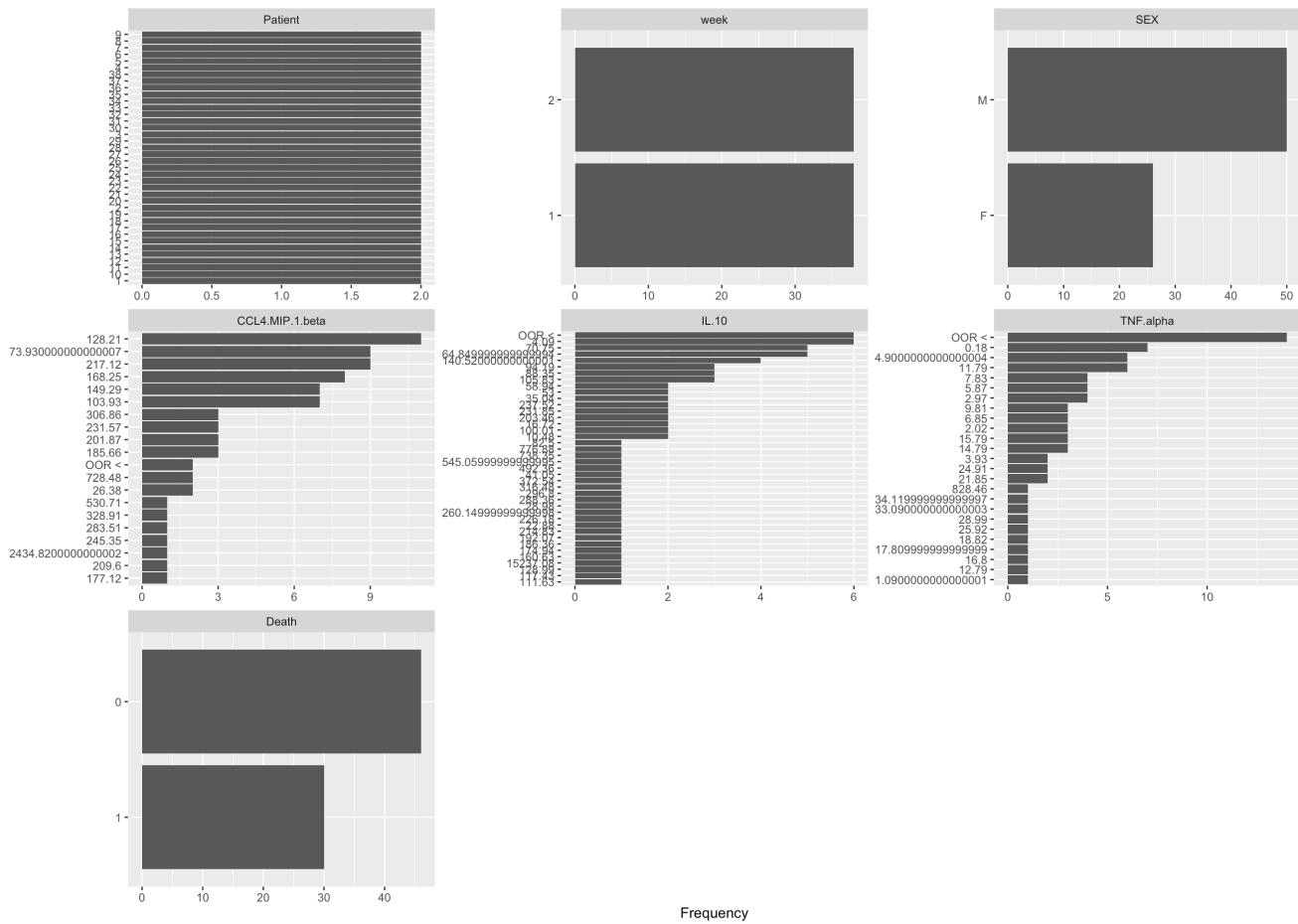
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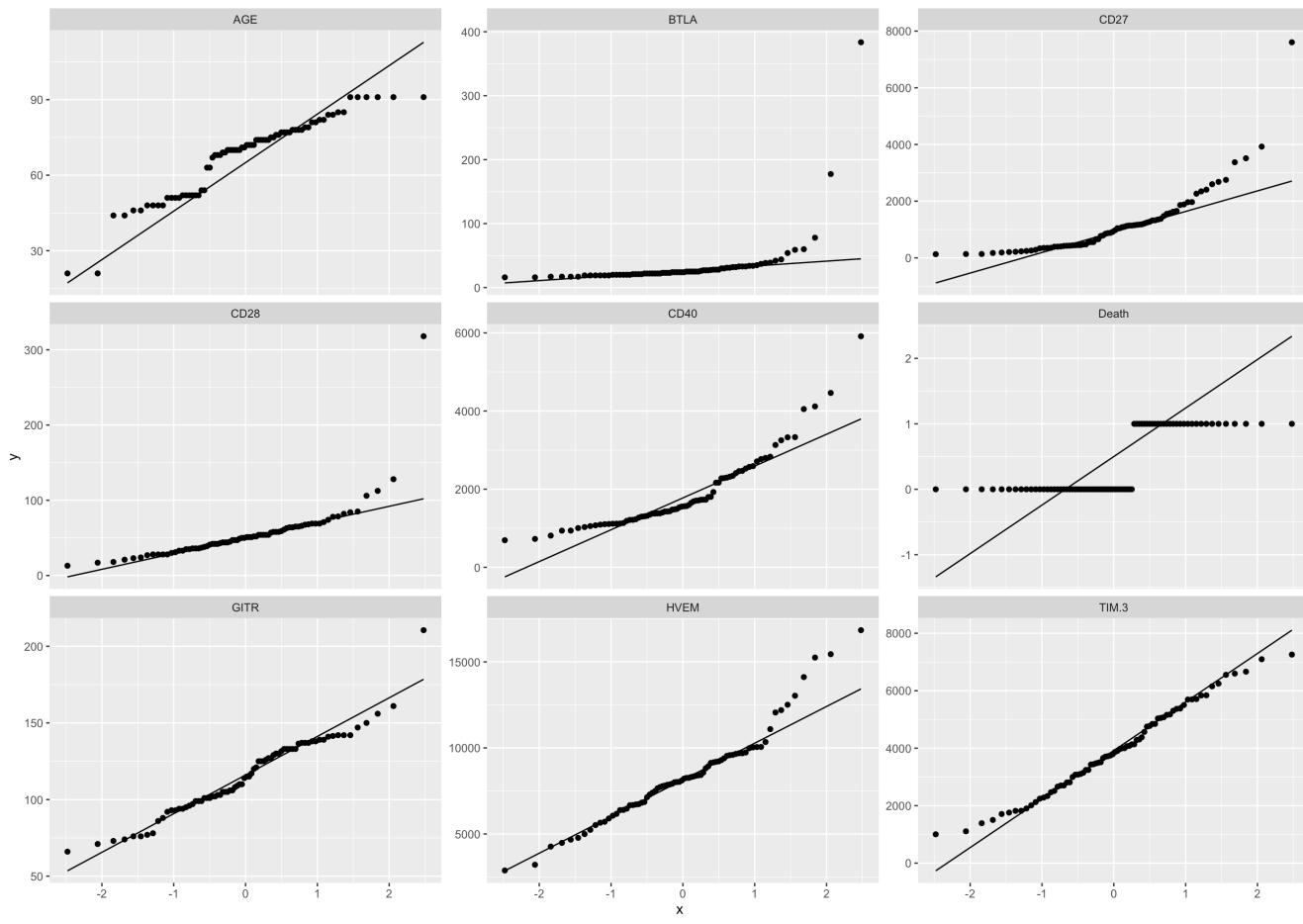
Bar Chart (with frequency)

```
## 2 columns ignored with more than 50 categories.
## GM.CSF: 60 categories
## IL.6: 52 categories
```

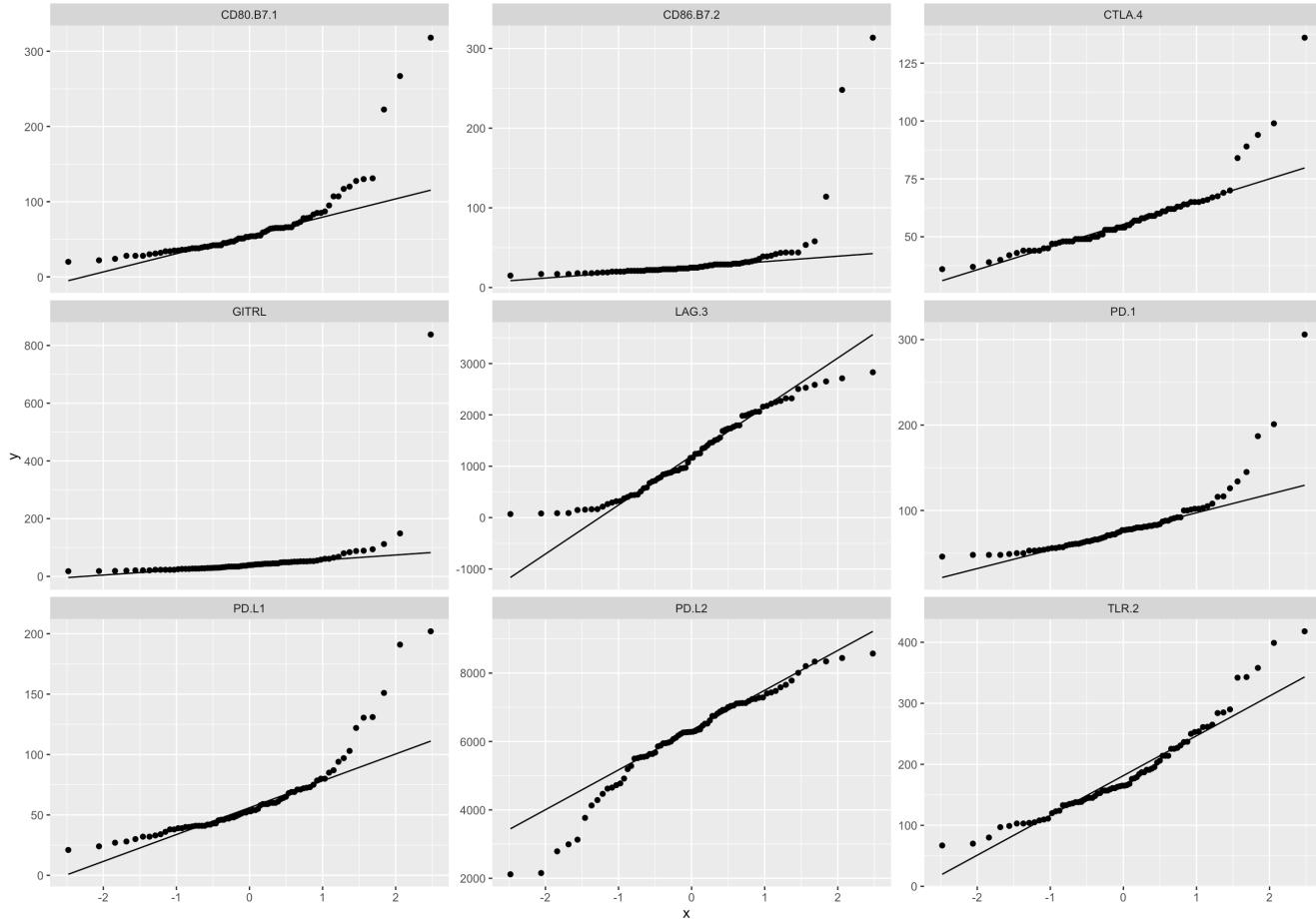


QQ Plot

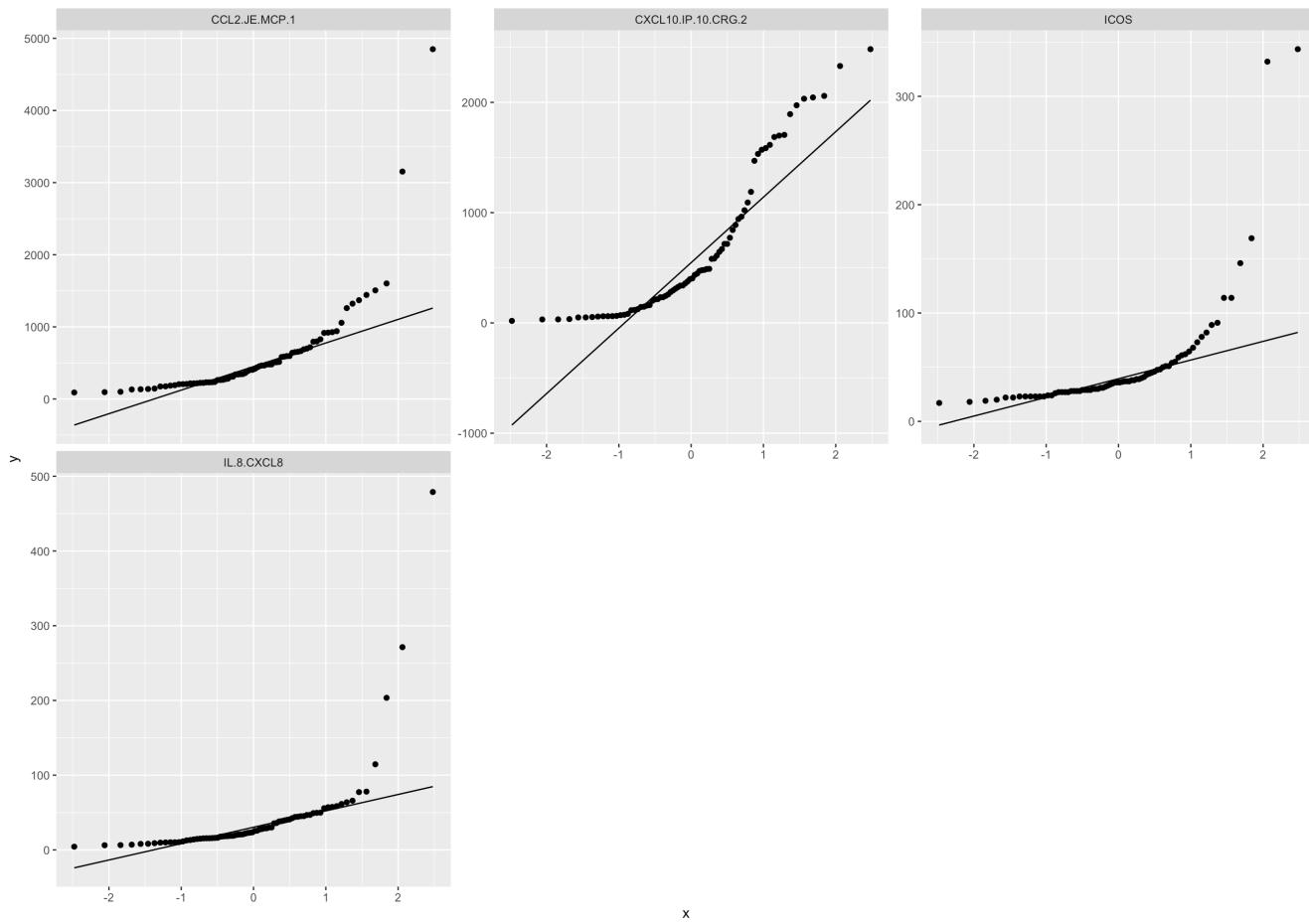
## Data Profiling Report



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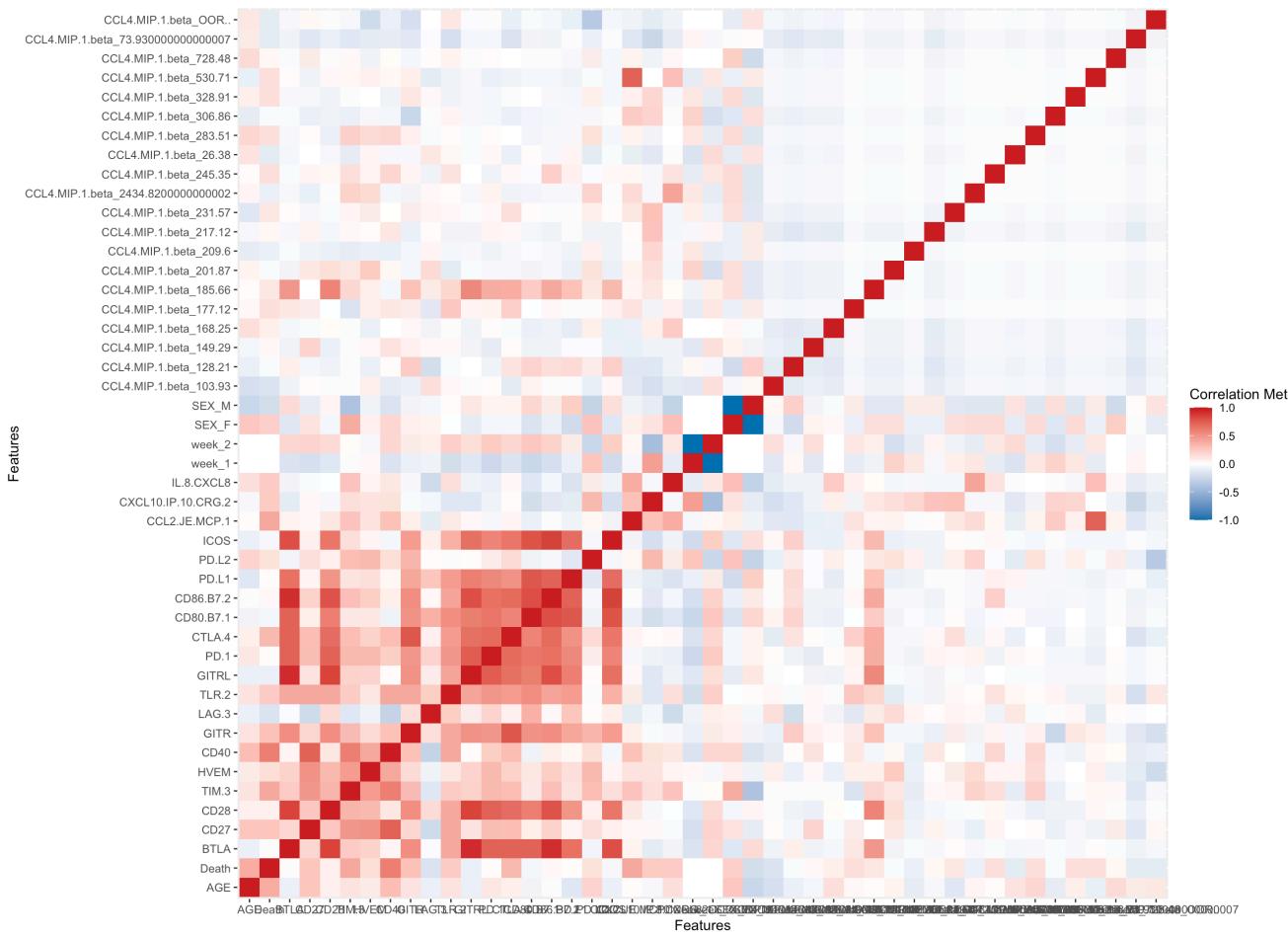
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## Correlation Analysis

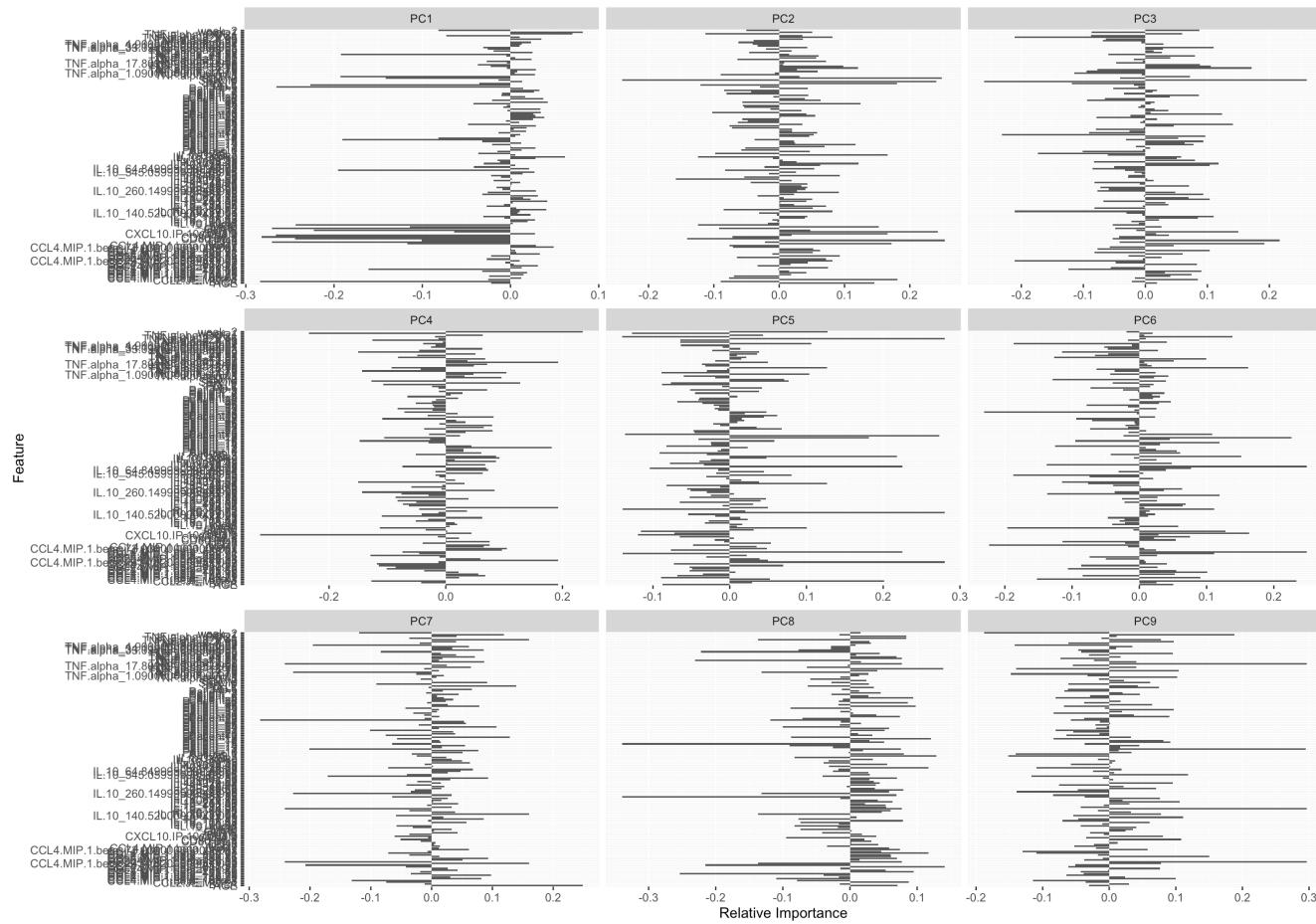
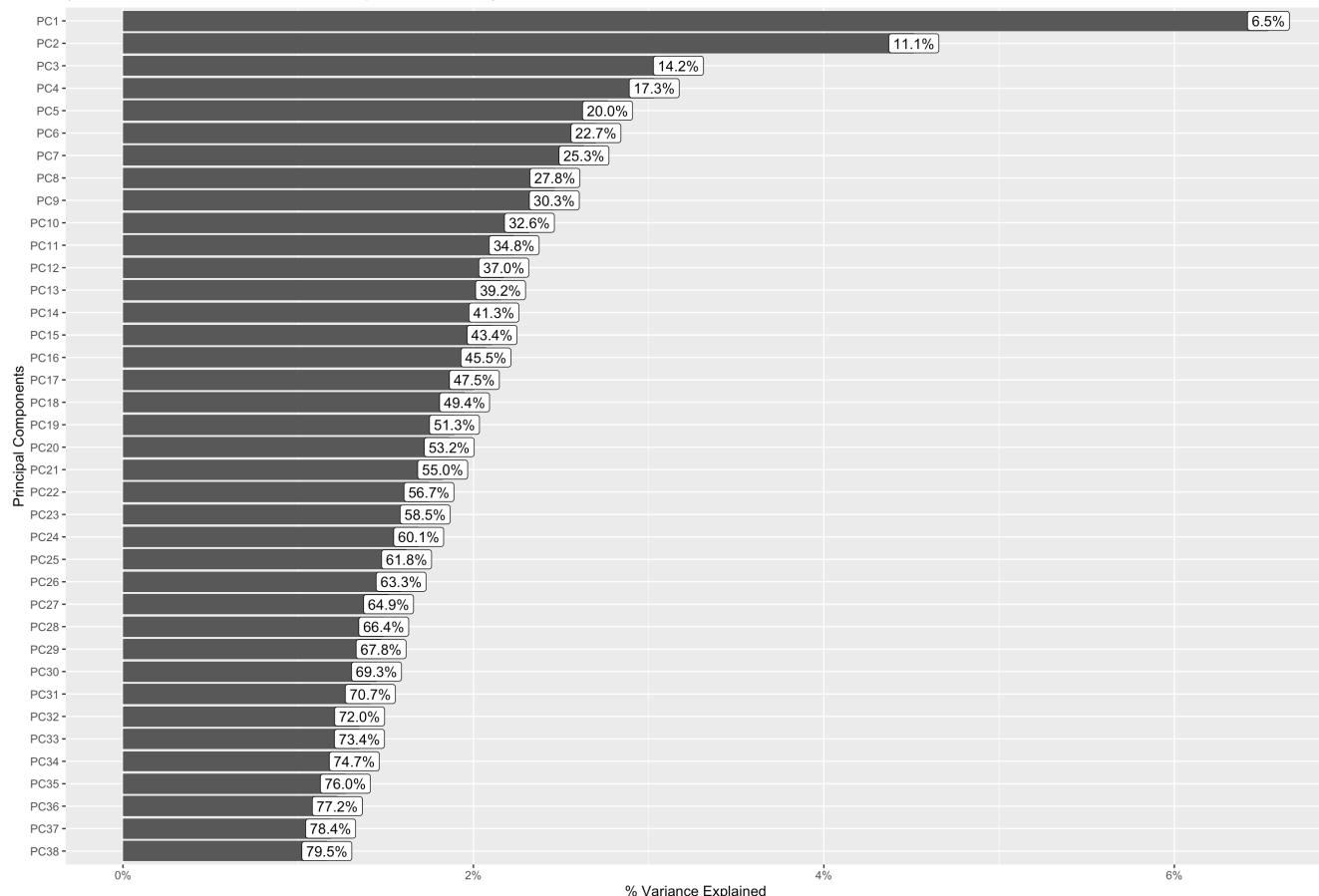
```
## 5 features with more than 20 categories ignored!
## Patient: 38 categories
## GM.CSF: 60 categories
## IL.6: 52 categories
## IL.10: 40 categories
## TNF.alpha: 25 categories
```

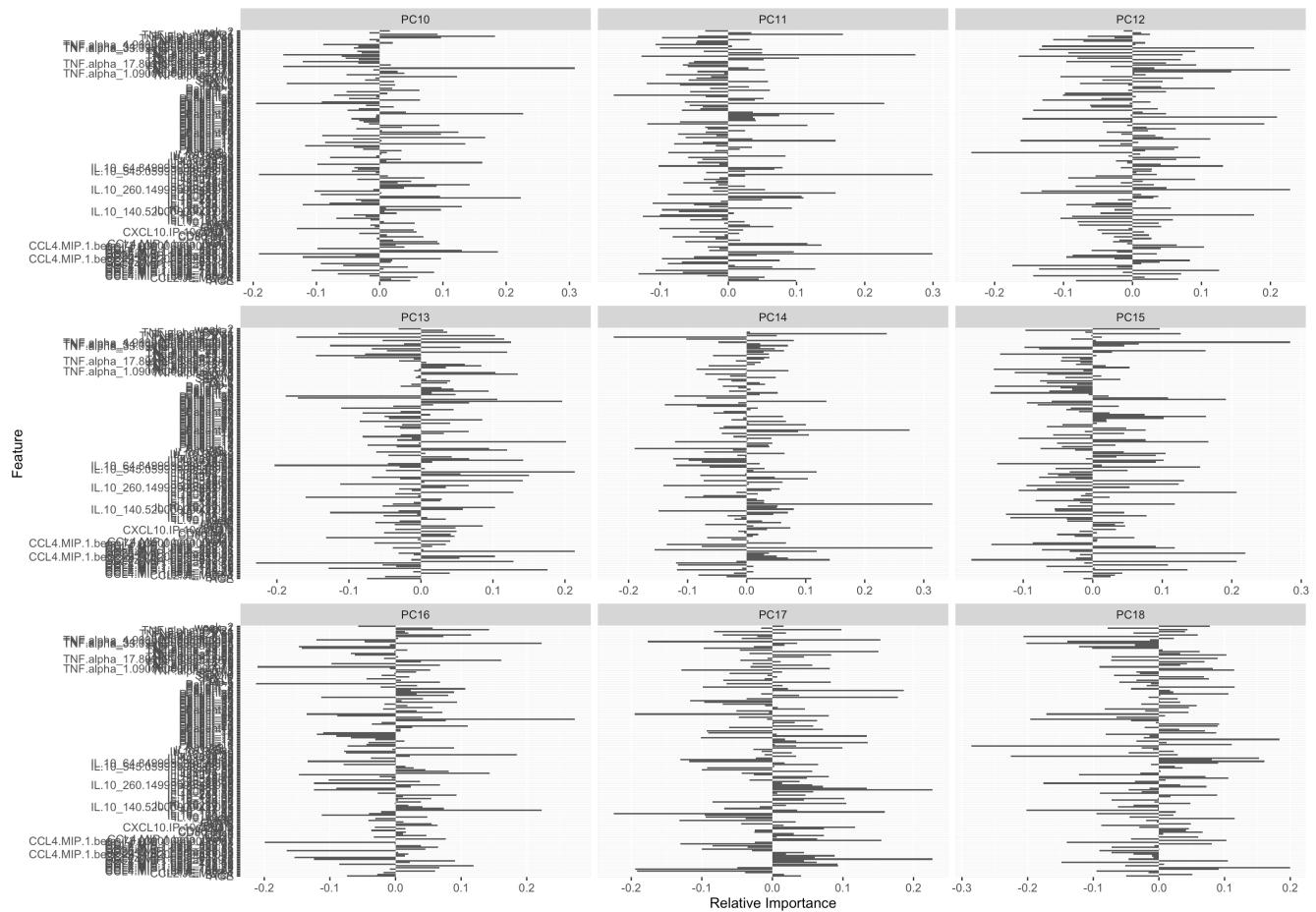


## Principal Component Analysis

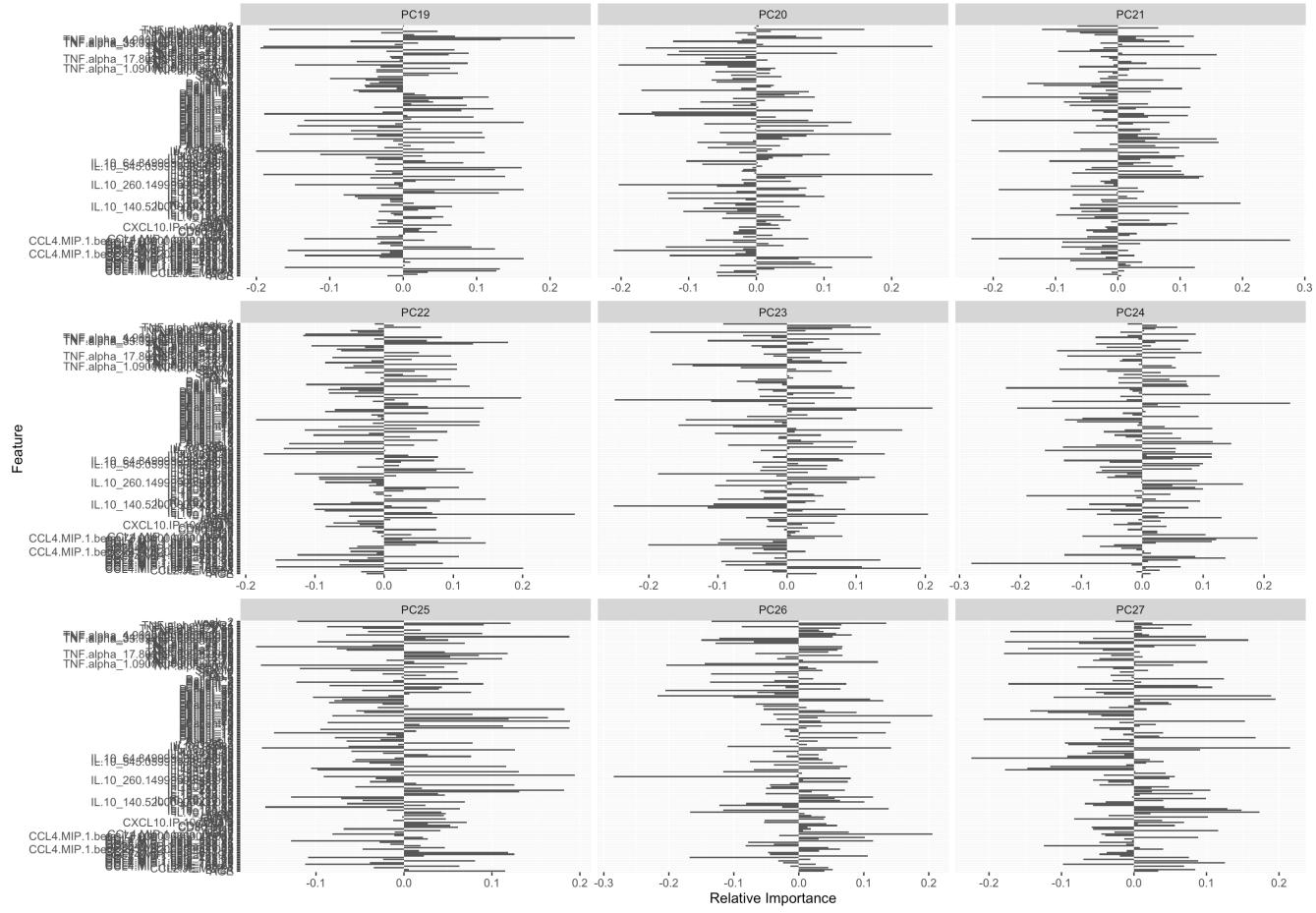
```
## 2 features with more than 50 categories ignored!
## GM.CSF: 60 categories
## IL.6: 52 categories
```

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

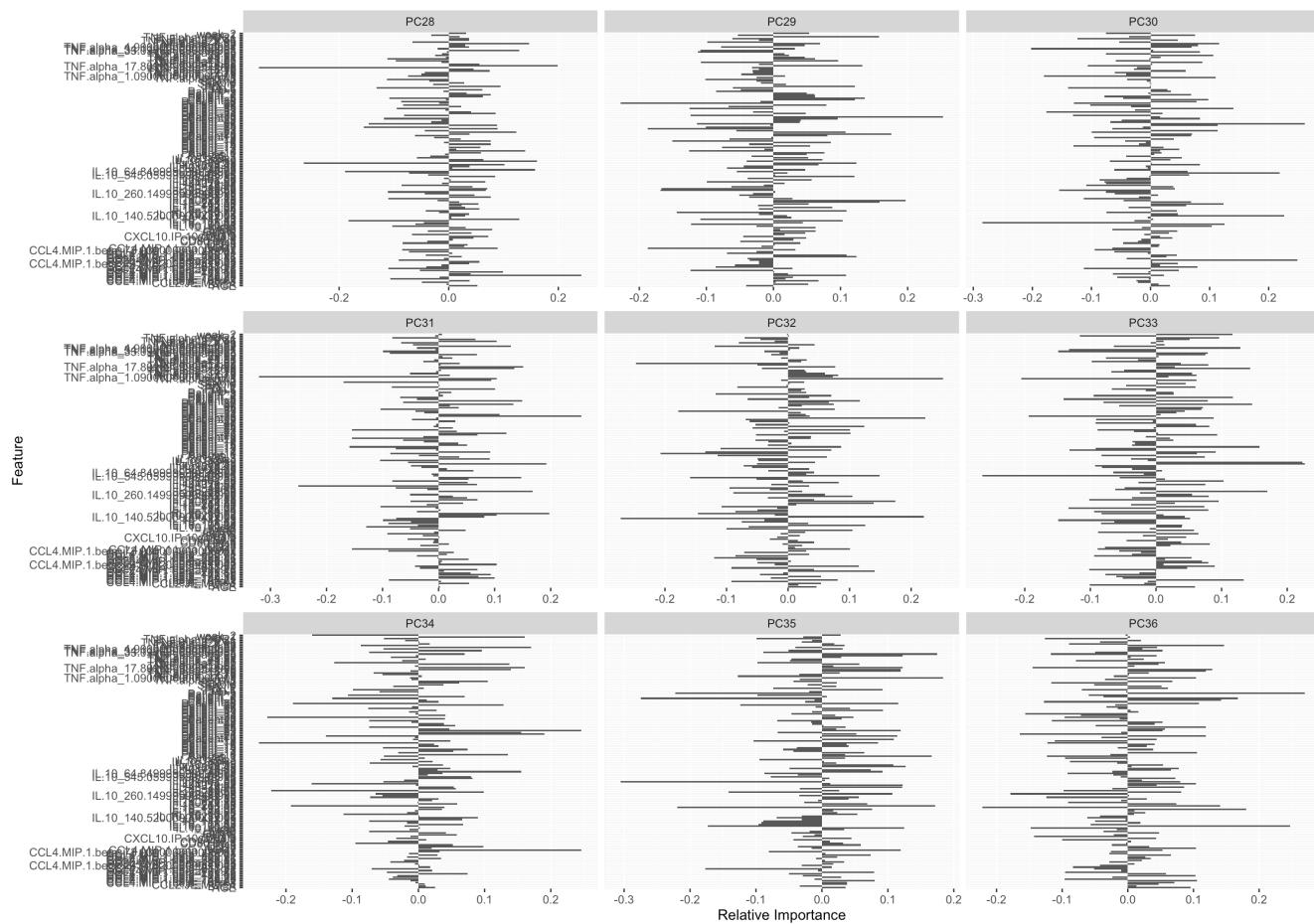




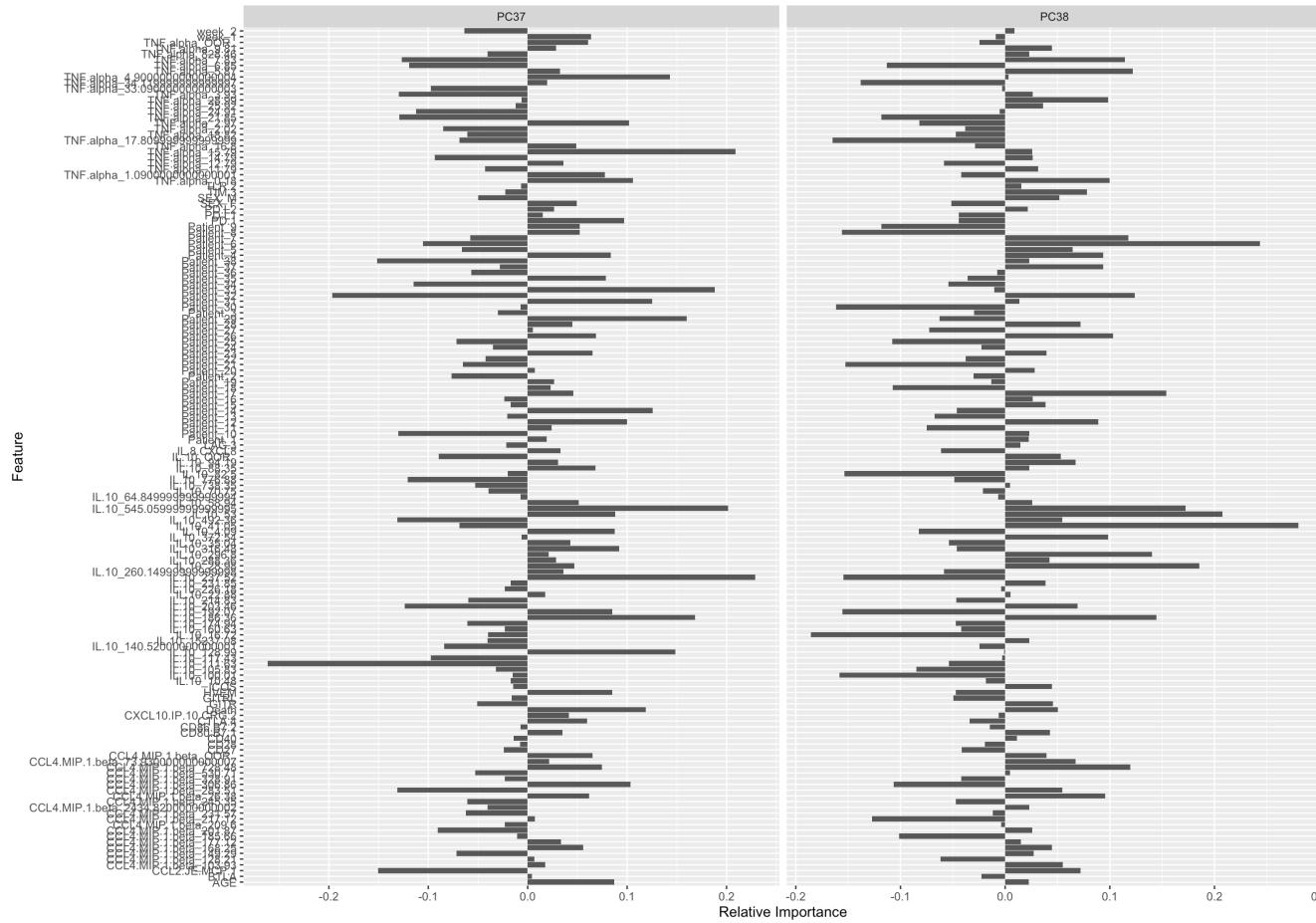
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