# Data Profiling Report

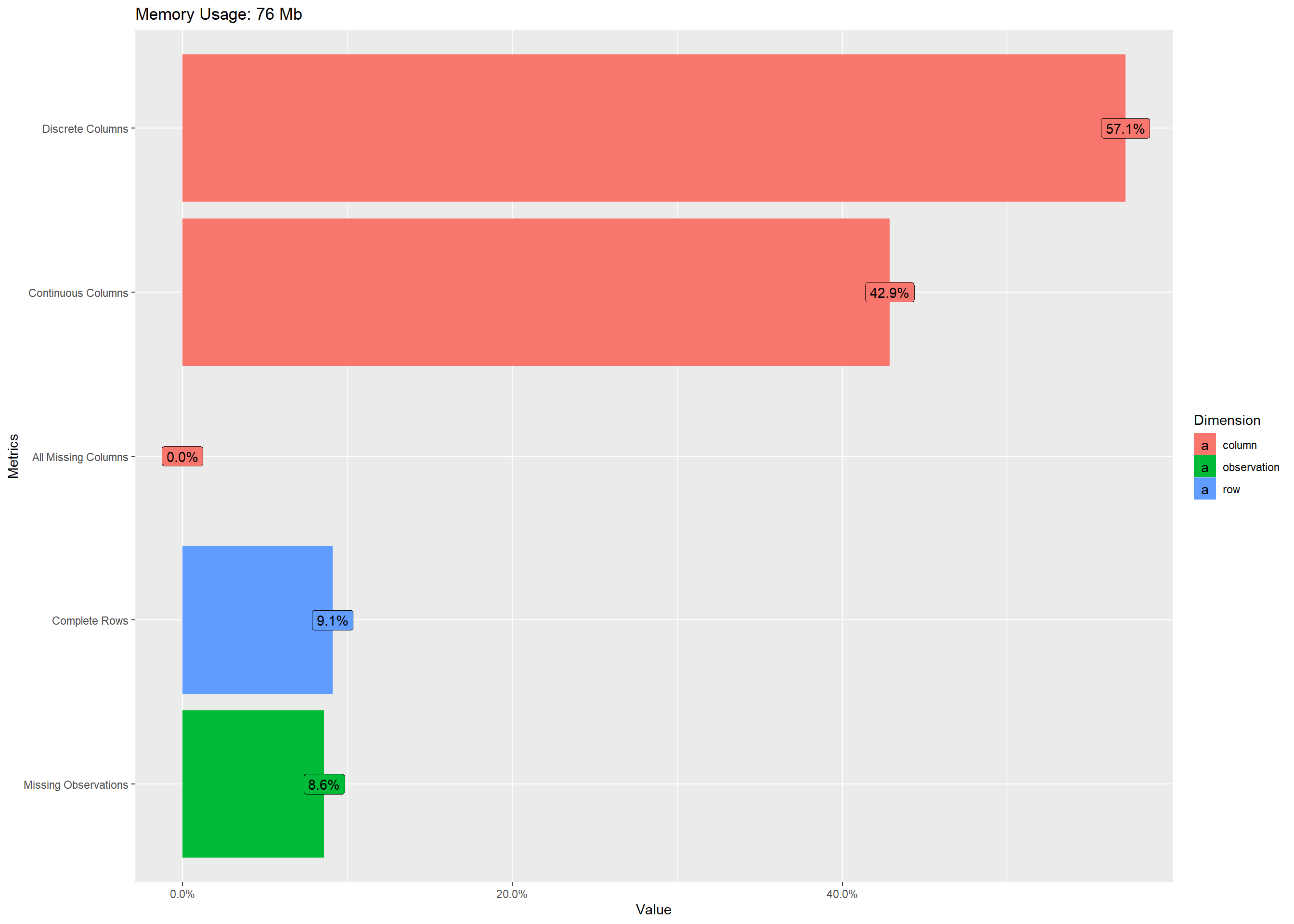
* [Basic Statistics](file:///C:\Users\Euneese\Desktop\group_activities\report.html#basic-statistics)
  + [Raw Counts](file:///C:\Users\Euneese\Desktop\group_activities\report.html#raw-counts)
  + [Percentages](file:///C:\Users\Euneese\Desktop\group_activities\report.html#percentages)
* [Data Structure](file:///C:\Users\Euneese\Desktop\group_activities\report.html#data-structure)
* [Missing Data Profile](file:///C:\Users\Euneese\Desktop\group_activities\report.html#missing-data-profile)
* [Univariate Distribution](file:///C:\Users\Euneese\Desktop\group_activities\report.html#univariate-distribution)
  + [Histogram](file:///C:\Users\Euneese\Desktop\group_activities\report.html#histogram)
  + [Bar Chart (by frequency)](file:///C:\Users\Euneese\Desktop\group_activities\report.html#bar-chart-by-frequency)
  + [QQ Plot](file:///C:\Users\Euneese\Desktop\group_activities\report.html#qq-plot)
* [Correlation Analysis](file:///C:\Users\Euneese\Desktop\group_activities\report.html#correlation-analysis)
* [Principal Component Analysis](file:///C:\Users\Euneese\Desktop\group_activities\report.html#principal-component-analysis)

### Basic Statistics

#### Raw Counts

| **Name** | **Value** |
| --- | --- |
| Rows | 439,005 |
| Columns | 14 |
| Discrete columns | 8 |
| Continuous columns | 6 |
| All missing columns | 0 |
| Missing observations | 528,423 |
| Complete Rows | 39,956 |
| Total observations | 6,146,070 |
| Memory allocation | 76 Mb |

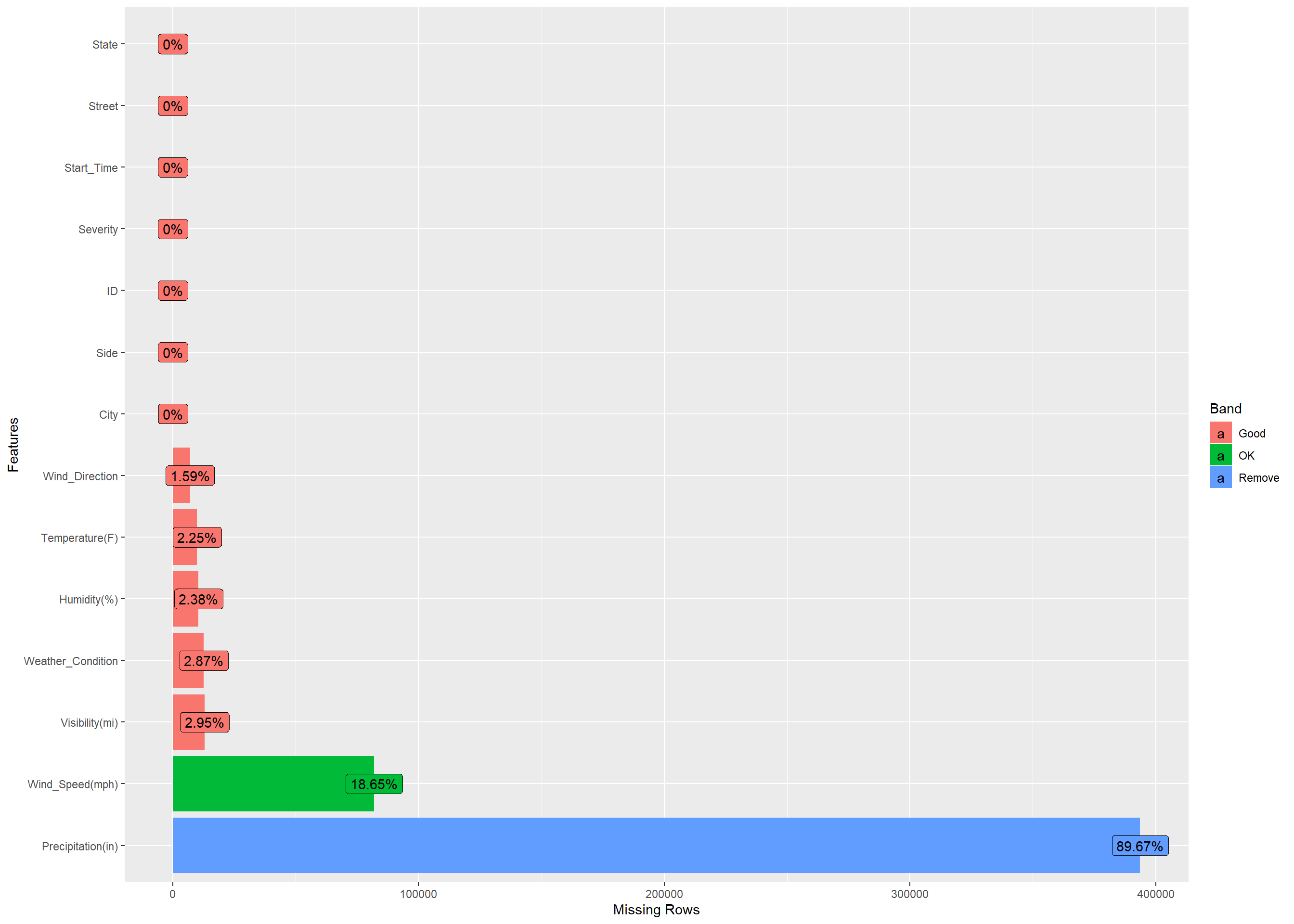
#### Percentages



### Data Structure

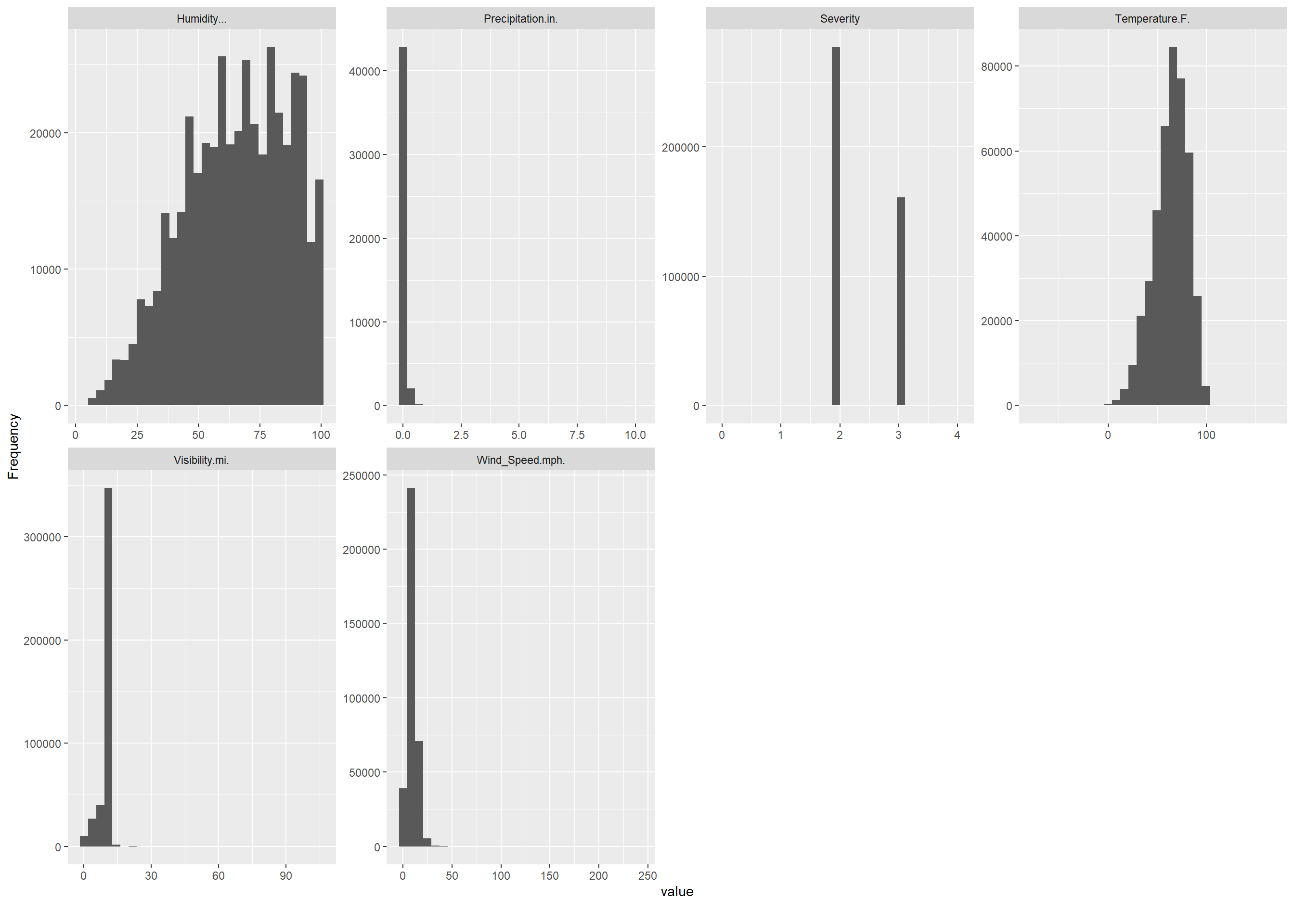
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### Missing Data Profile



### Univariate Distribution

#### Histogram



#### Bar Chart (by frequency)

## 5 columns ignored with more than 50 categories.

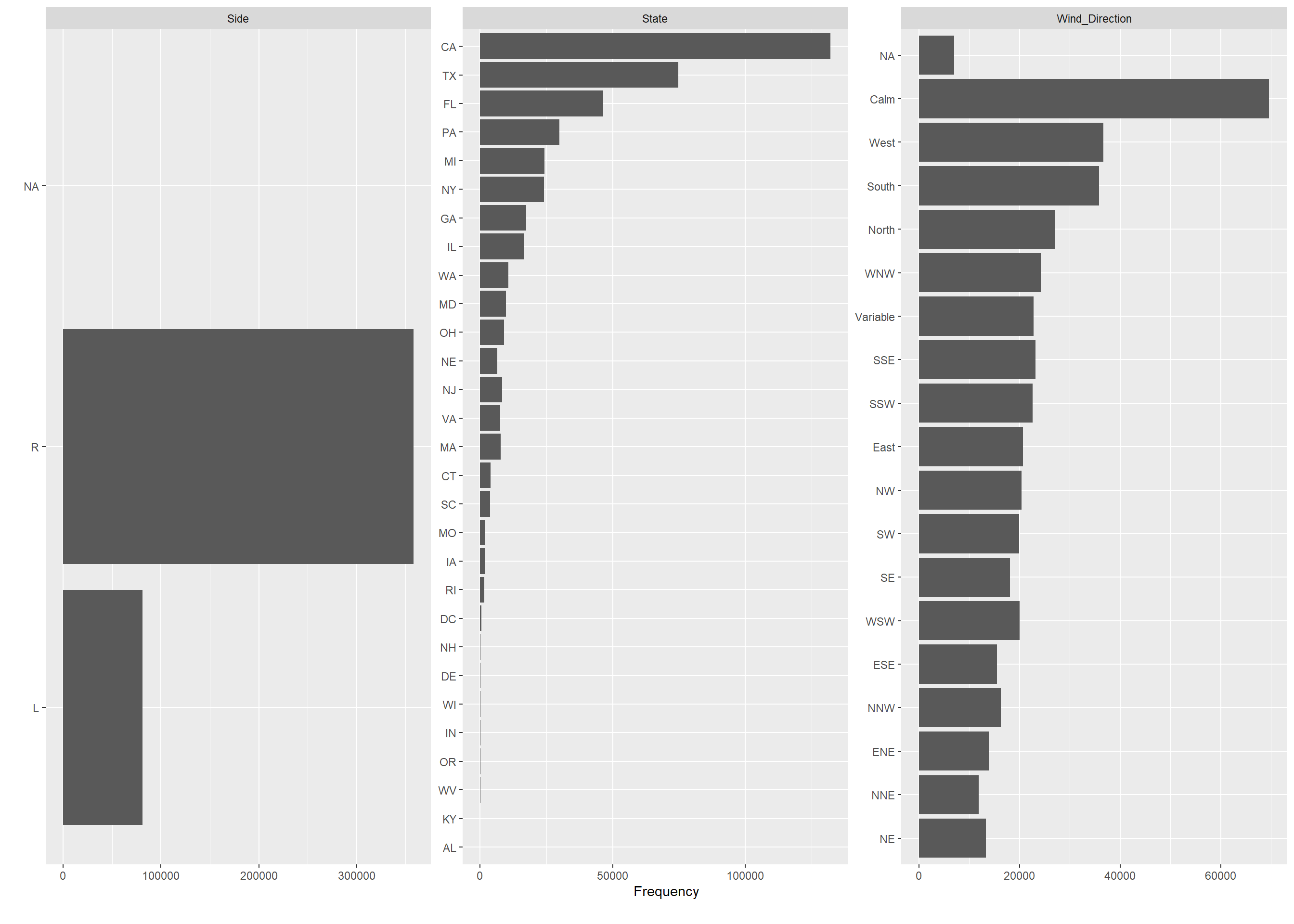
## ID: 439005 categories

## Start\_Time: 244498 categories

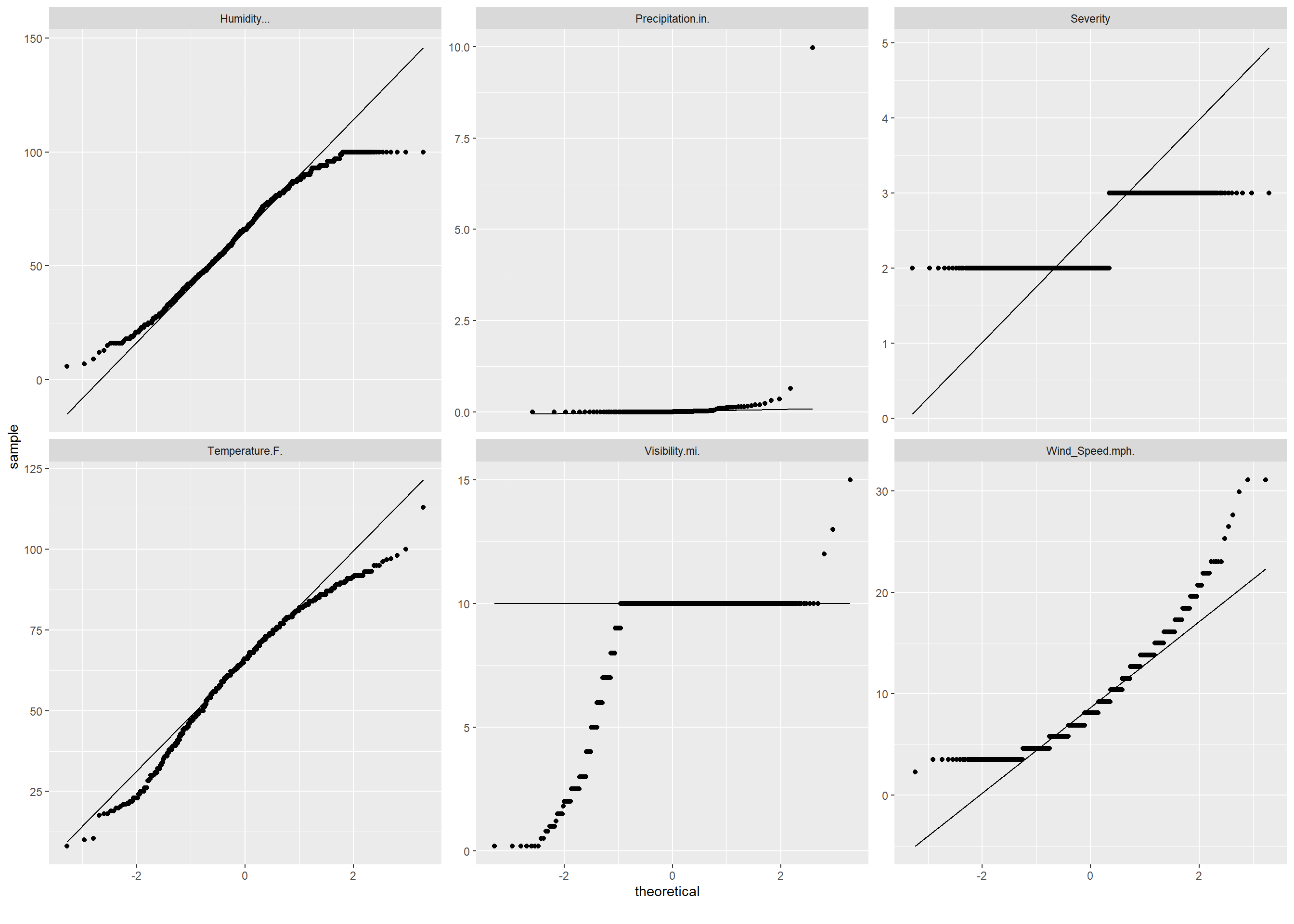
## Street: 42824 categories

## City: 4389 categories

## Weather\_Condition: 51 categories



#### QQ Plot



### Correlation Analysis

## 6 features with more than 20 categories ignored!

## ID: 39956 categories

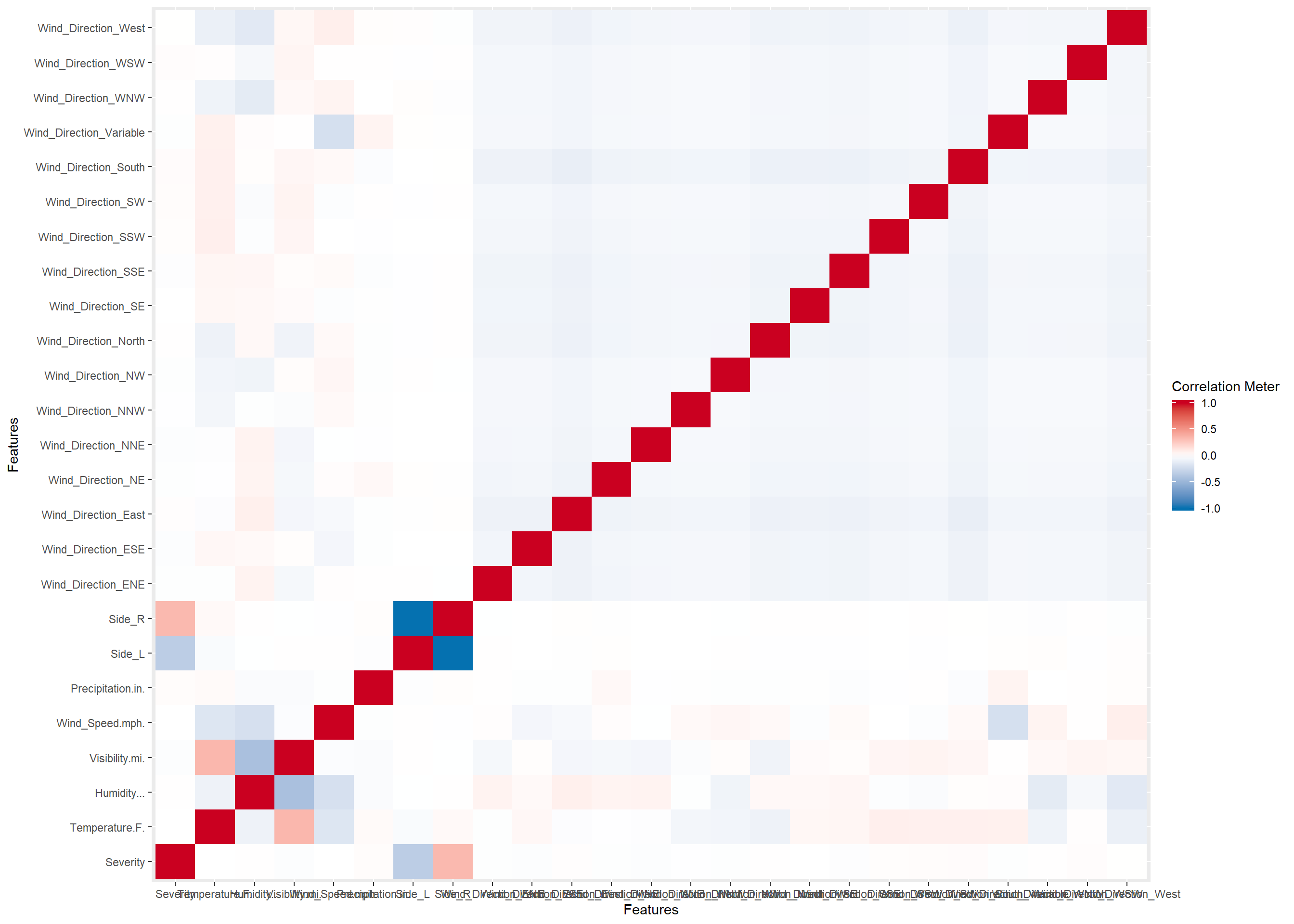
## Start\_Time: 35266 categories

## Street: 10572 categories

## City: 2227 categories

## State: 27 categories

## Weather\_Condition: 37 categories



### Principal Component Analysis

## 4 features with more than 50 categories ignored!

## ID: 39956 categories

## Start\_Time: 35266 categories

## Street: 10572 categories

## City: 2227 categories

