# Wiesbaden SQA Metric Items From FPA Spreadsheet - May 2021

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**Abstract**

Presentation of First Pass Acceptance of SLC documentation. This is derived from the Excel workbook that Software Quality Assurance collected called "First Pass Acceptance_Wiesbaden.xlsx".[1] This is for the month of May 2021.[2]

## Contents



## List of Figures



# 1 First Pass Acceptance Results

For the month of May 2021the follow are the First Pass Acceptance Metrics results.

[1] data is stored on the dept 09HD share drive
[2] Date Ran: Thursday 3rd June, 2021 at 16:29

| | |
|---|---|
| Projects Started | 0 |
| Projects Completed | 0 |
| Items Reviewed | 109 |
| Items Rejected | 34 |
| First Pass Acceptance Rate | 58.7 % |
| Rejection Rate | 31.2 % |

Table 1: First Pass Acceptance Results for May 2021

## 2 Trending Graphs

Trend graphs reflect the past 14 months of data.

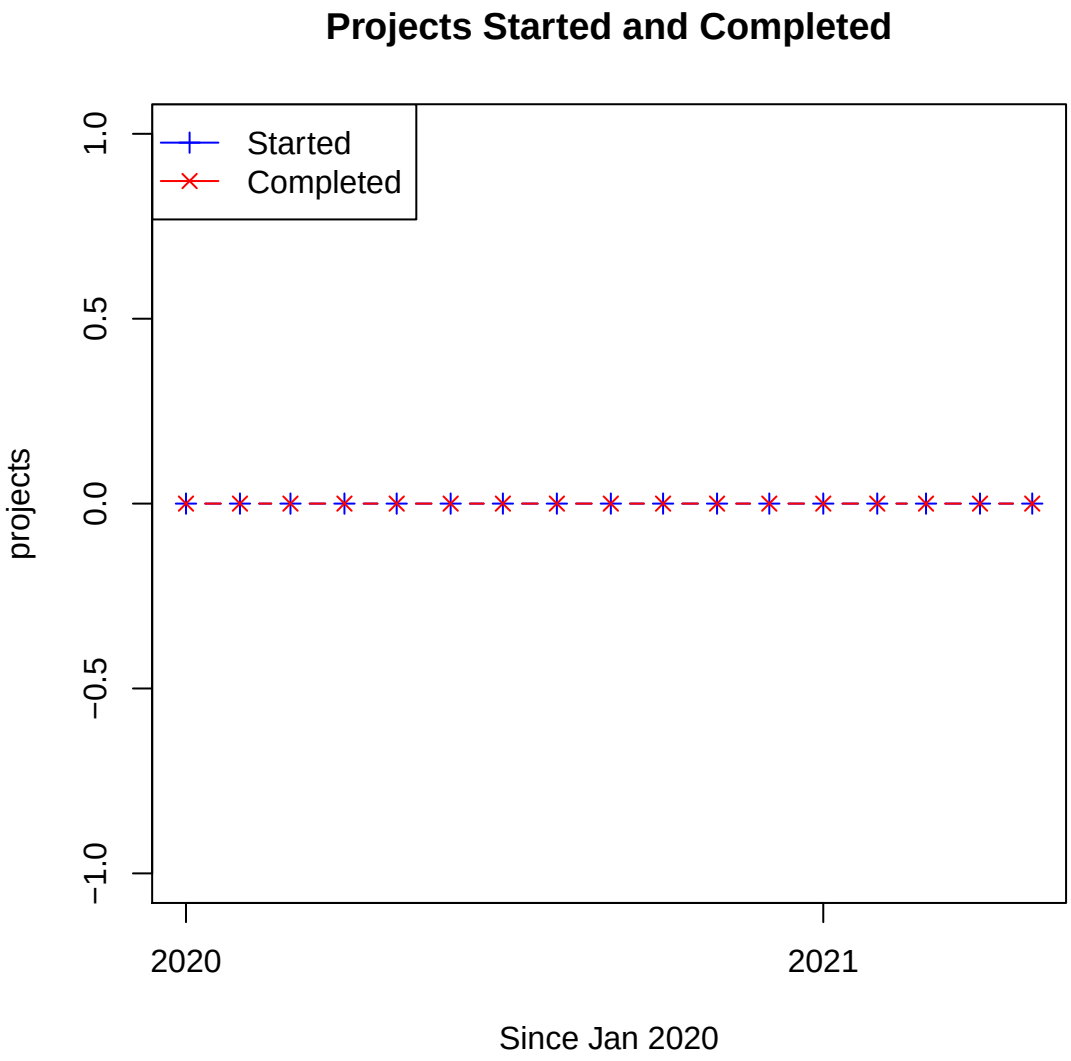


Figure 1: Projects Started and Completed

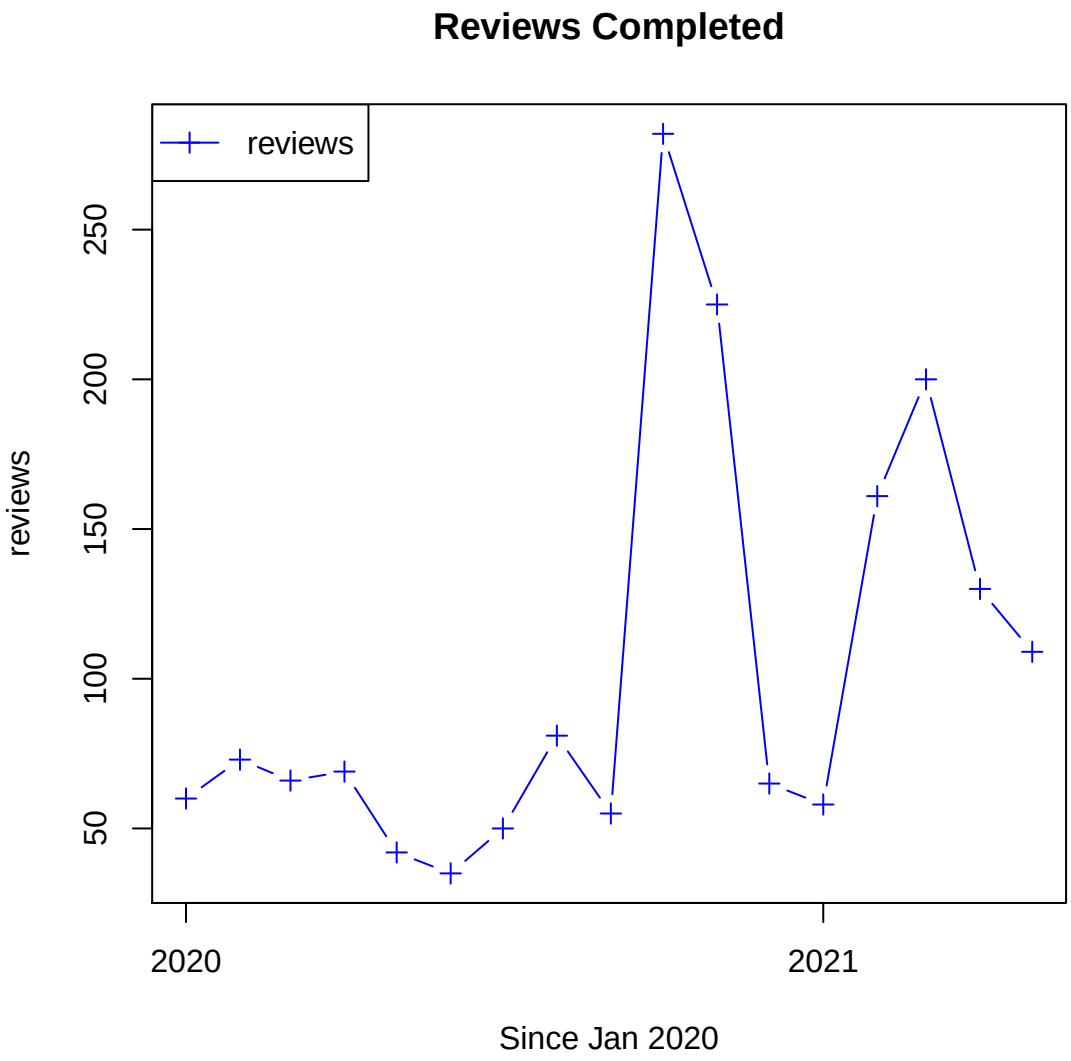


Figure 2: Reviews Completed

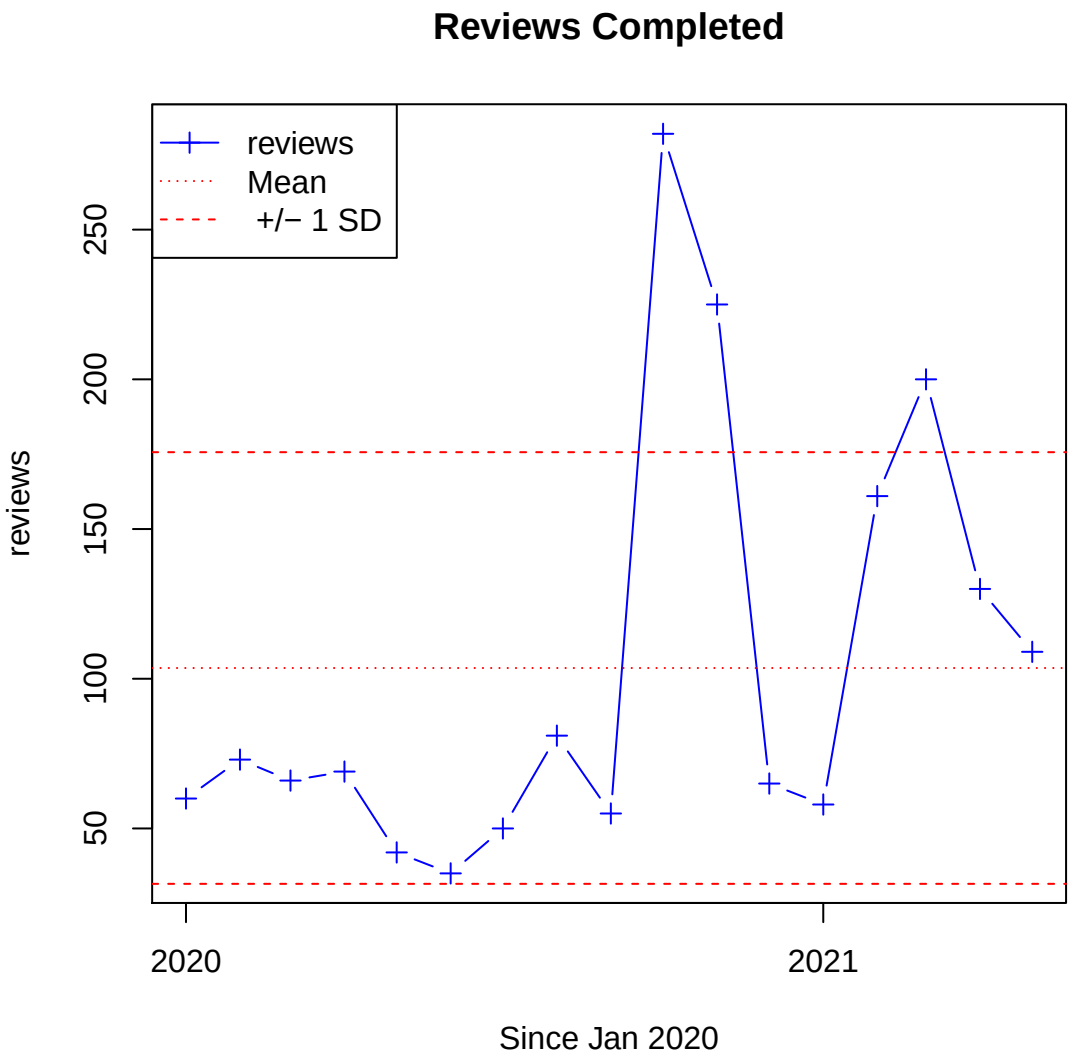


Figure 3: Reviews Completed with Control Lines

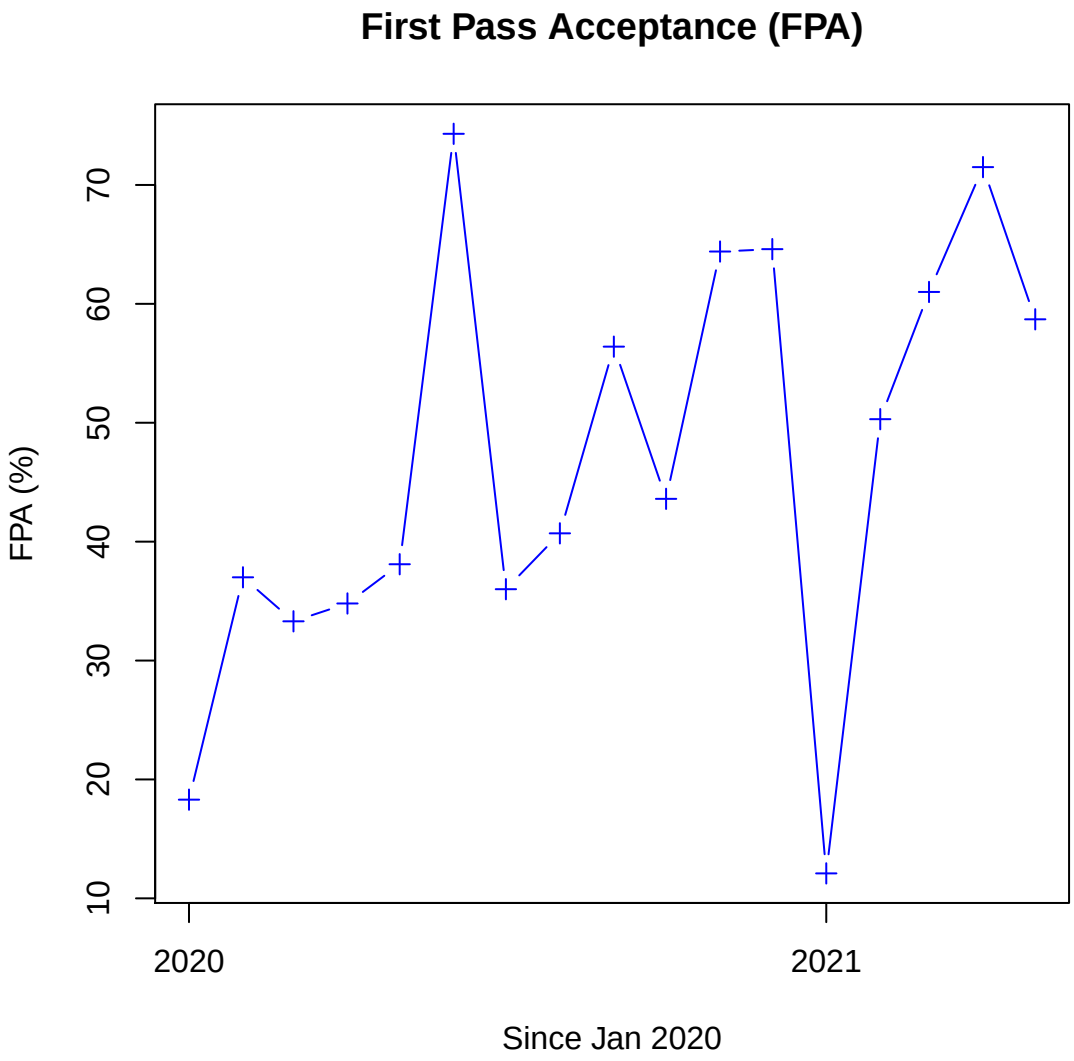


Figure 4: First Pass Acceptance

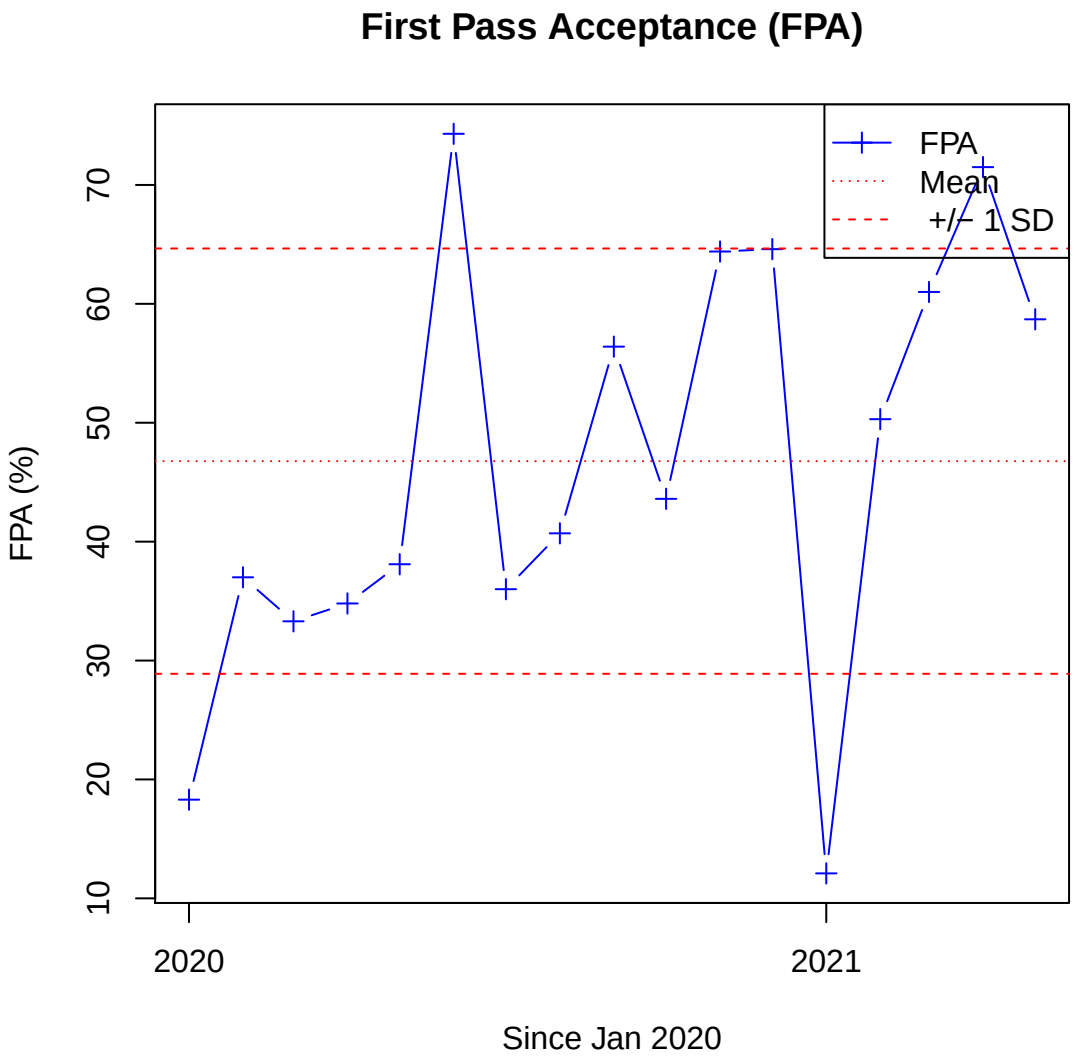


Figure 5: First Pass Acceptance with Control Lines

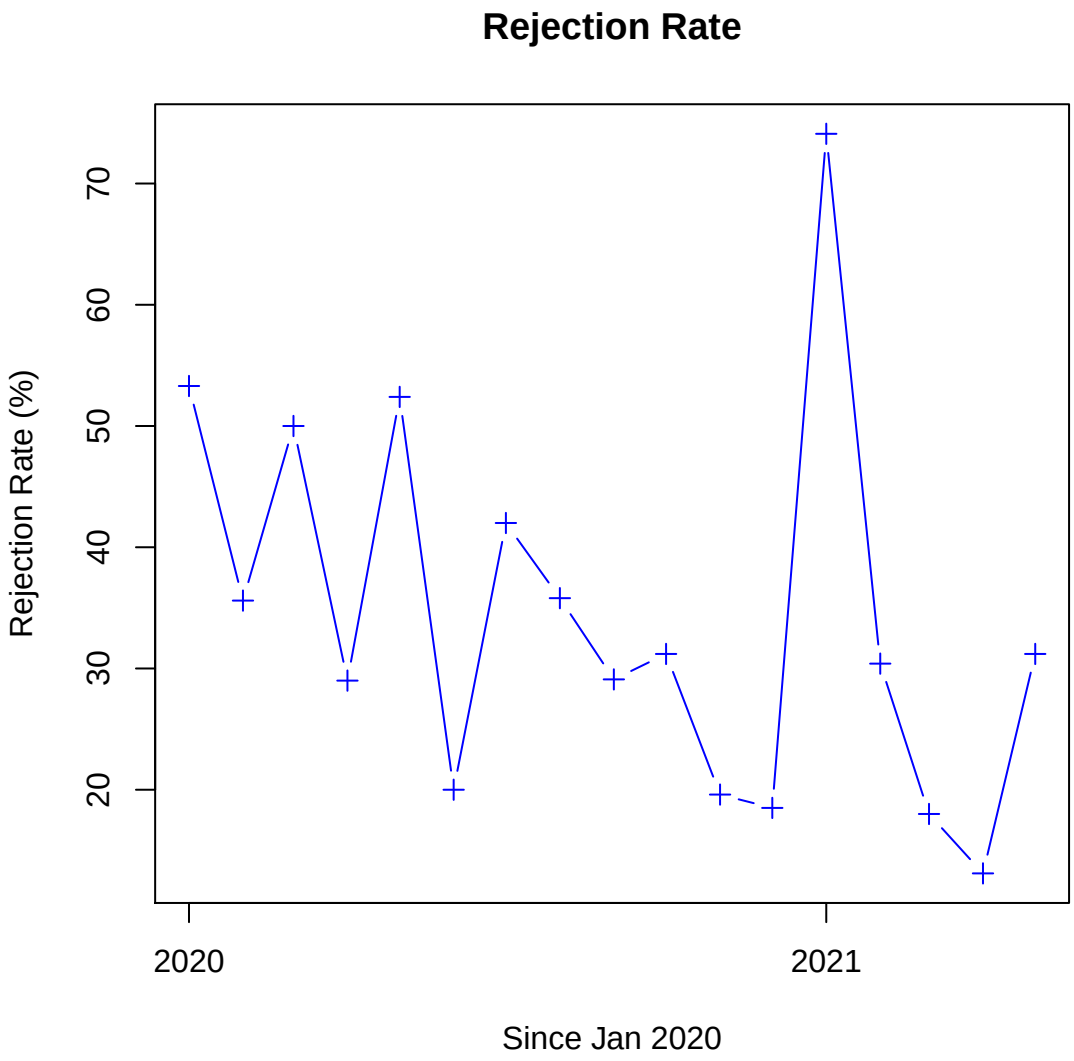


Figure 6: Rejection Rate

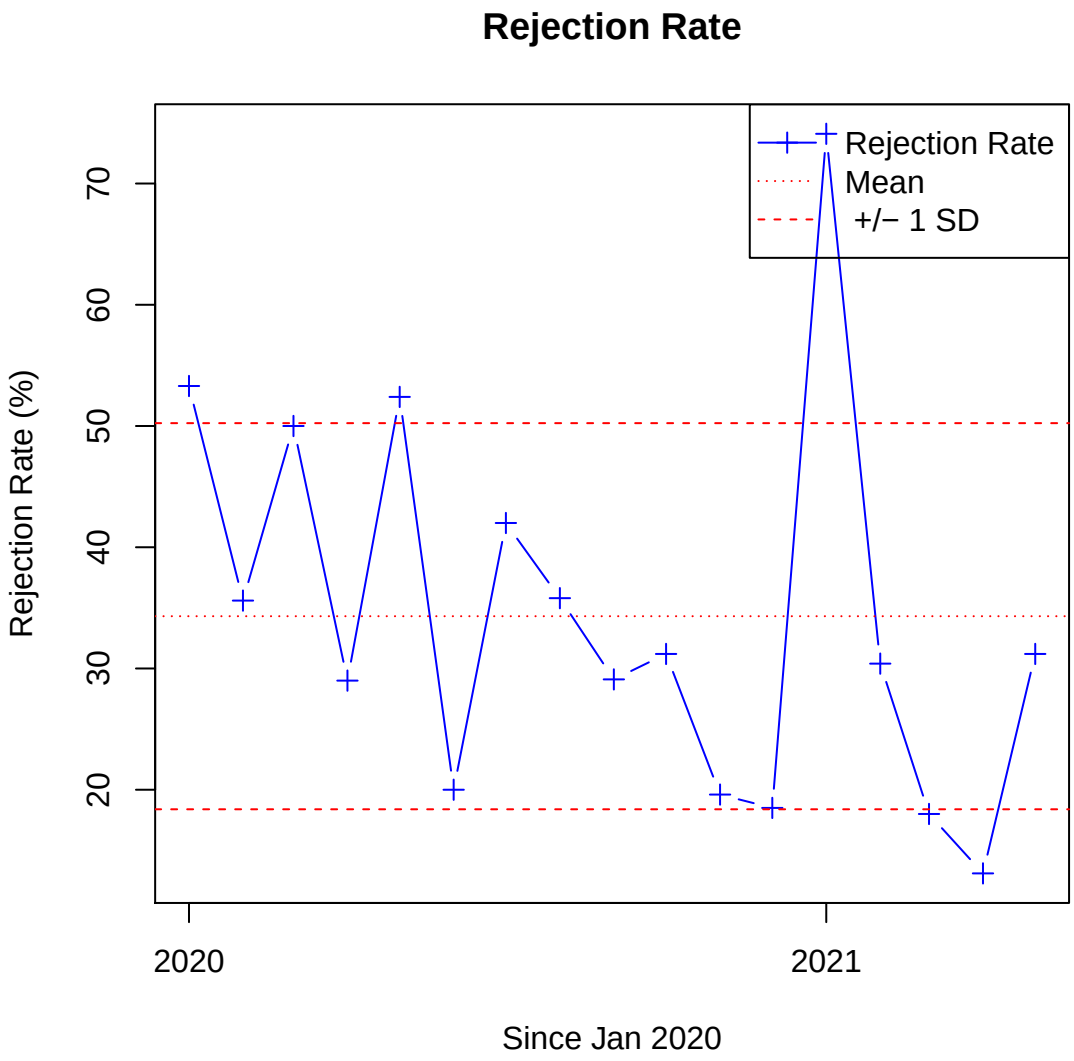


Figure 7: Rejection Rate with Control Lines

# 3 Methods

## Data Processing

The data is processed using R[3], version 3.6.2 named "Dark and Stormy Night" . The only extension (package or library) utilized is lubridate (version 1.7.10) to provide key functionality in the processing of dates.

The data is read into R from a comma seperated value (csv) file which is derived (saved) from the spreadsheet without modification. Additional values that are needed are are computed in R as needed.

## Report Generation

This report is prepared in the R enviroment using a collection of packages know as Sweave that included knitr which in turn feeds the package into LaTeX $2_\varepsilon$ a typeseting program to produce a PDF file. LaTeX $2_\varepsilon$ in implented in MiTeX. LaTeX $2_\varepsilon$ is utilizing the folowing packages to control style and formating:

- amsfonts
- amsmath
- amssymb
- array
- booktable
- datetime
- float
- graphicx
- hyperref
- tocloft
- utf8
- xcolor

[3] RStudio is utilized as an IDE