LC/Div SQA Metric Items From FPA Spreadsheet - April 2020

Nick Lauerman

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.xlsx". This is for the month of April 2020 . [1]

Contents

1 Introduction

The data is processed using R[2], version 3.6.3 named "Holding the Windsock" . The only extension (package or library) utilized is lubridate (version 1.7.8) 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.

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 $\text{\LaTeX}\,2_\varepsilon$ a typeseting program to produce a PDF file. $\text{\LaTeX}\,2_\varepsilon$ in implented in MiTeX. $\text{\LaTeX}\,2_\varepsilon$ is utilizing the folowing packages to control style and formating:

- datetime and

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[1] Date Ran: Monday 4th May, 2020 at 11:11

[2] RStudio is utilized as an IDE

- multitoc

- hyperref

- xcolor

2 First Pass Acceptance Results

For the Month of April 2020 the follow are the First Pass Acceptance Metrics results

Projects Started 9

Projects Completed 8

Items Reviewed 520

Items Rejected 69

First Pass Acceptance Rate 77.1 %

Rejection Rate 13.3 %

2.1 FPA Without CHaRM Test Protocols

For the Month of April 2020 the follow are the First Pass Acceptance Metrics results with the CHaRM Test Protocols removed. This was done due to the large volume of test protocols (test cases) in the application and fact that approvals are at the test case verses the test protocol level, with typical test protocols having multible test cases contained witin.

Projects Started 9

Projects Completed 8
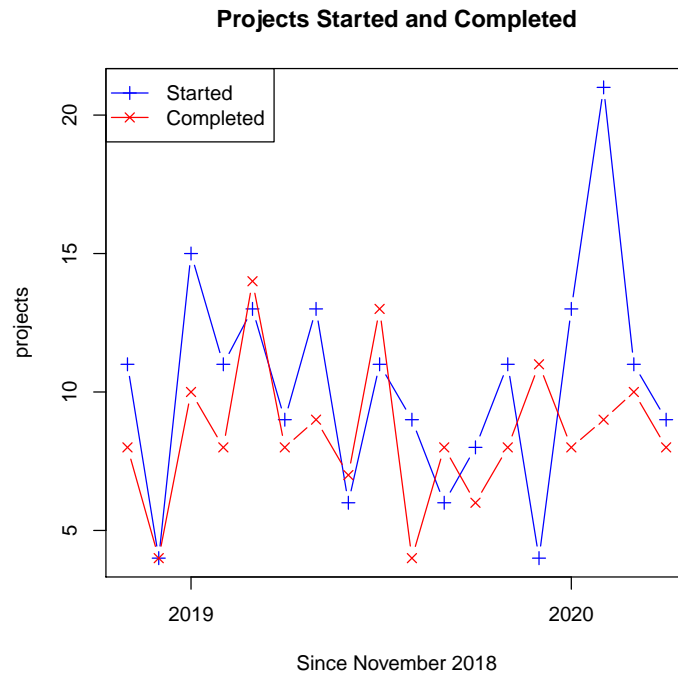
Items Reviewed 342

Items Rejected 57

First Pass Acceptance Rate 70.8 %

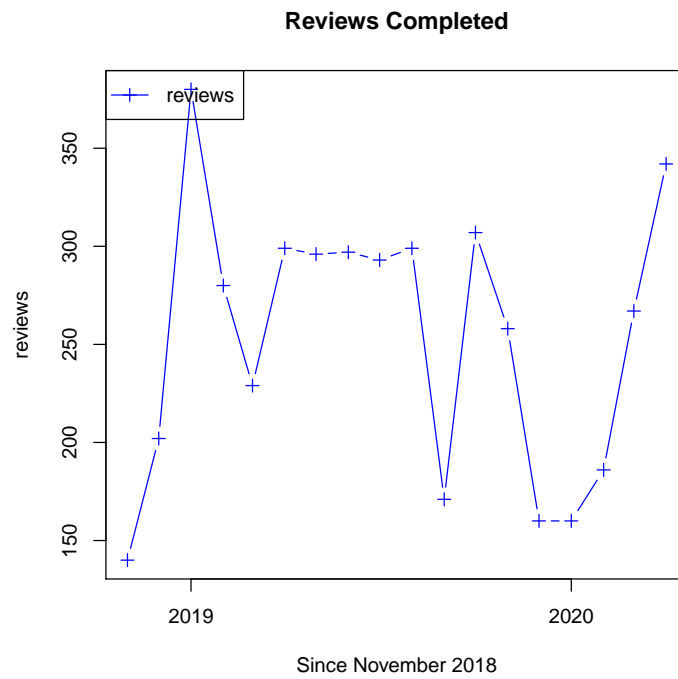**Rejection Rate** 16.7 %

3 Trending Graphs

Trend Graphs only reflect the past 18 months of data. The following graphics do not include data from CHaRM Test Protocols.
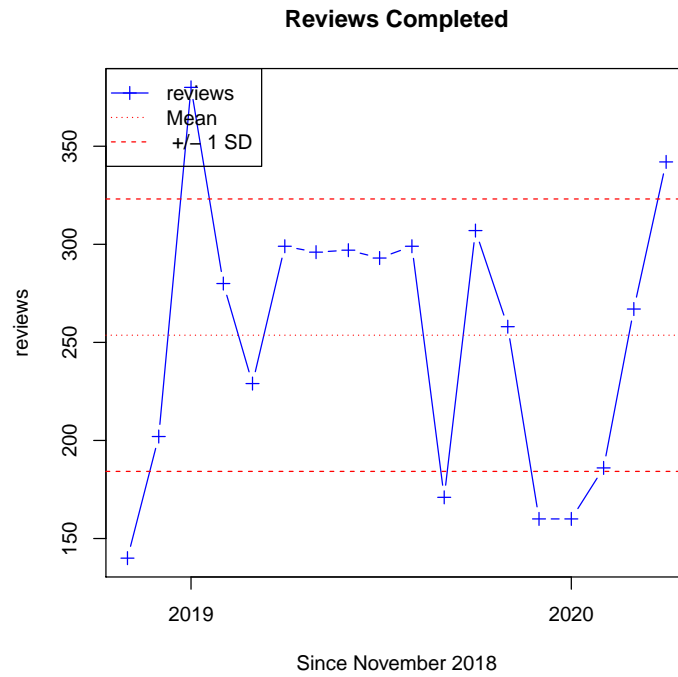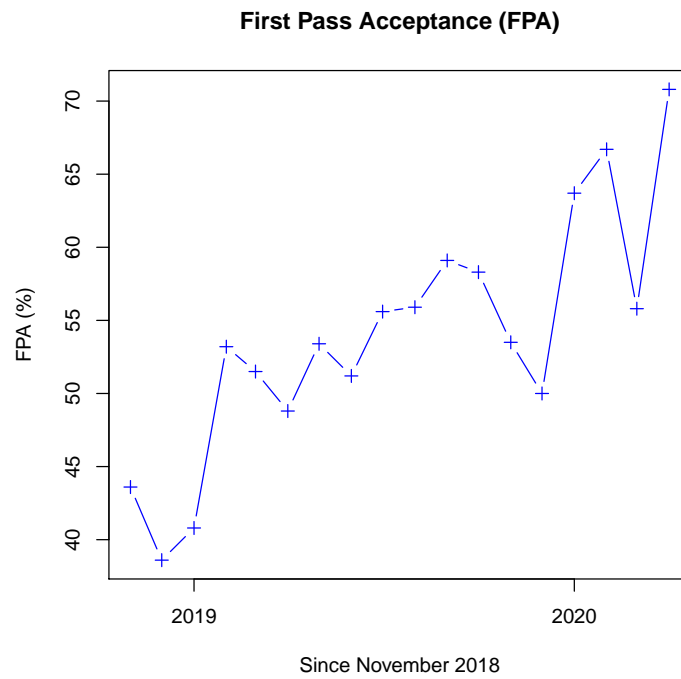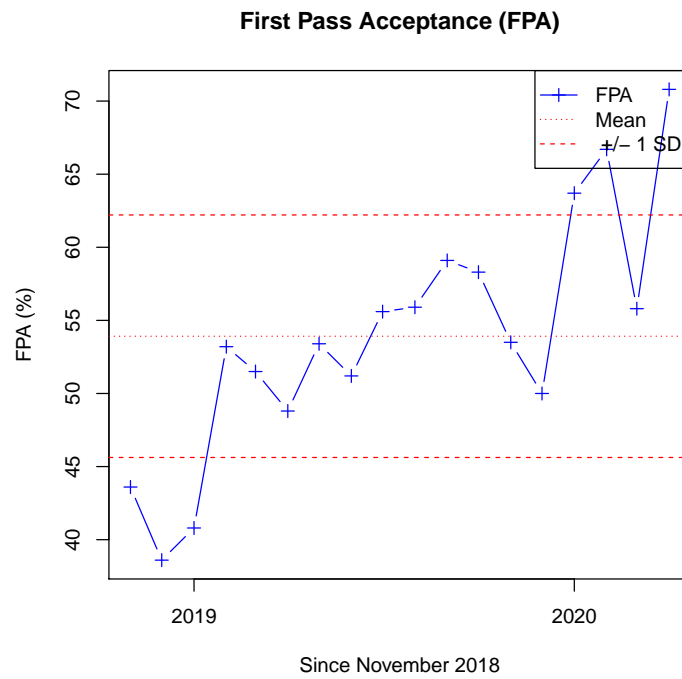
3.1 Projects Started and Completed

Projects Started and Completed

3.2 Reviews Completed

Reviews Completed

reviews

350
300
250
200
150

2019   2020

Since November 2018

3.3 Reviews Completed with Control Lines

Reviews Completed

3.4 First Pass Acceptance

First Pass Acceptance (FPA)

3.5   First Pass Acceptance with Control Lines

First Pass Acceptance (FPA)

3.6 Rejection Rate
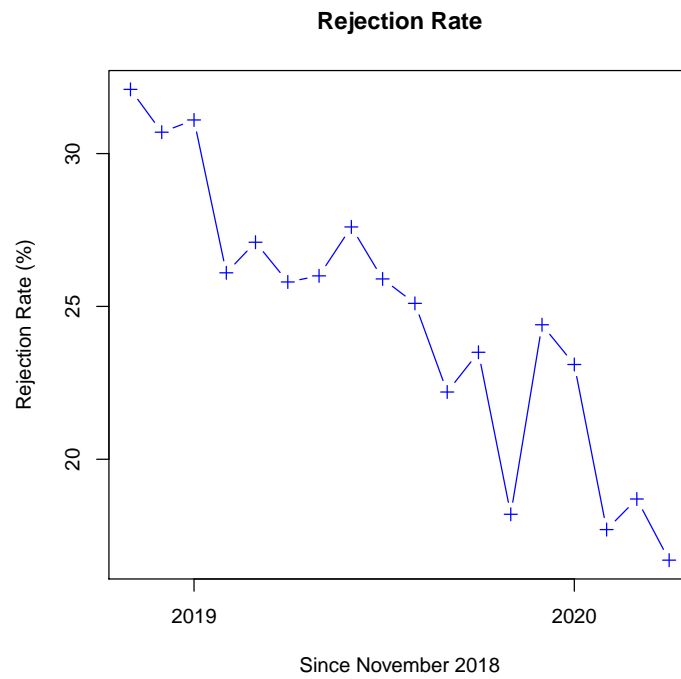
Rejection Rate

3.7 Rejection Rate with Control Lines

Rejection Rate

Since November 2018