

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

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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.xlsx”. This is for the month of February 2020 .¹

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1 Introduction

The data is processed using R², version 3.6.2 named “Dark and Stormy Night” . The only extension (package or library) utilized is lubridate (version 1.7.4) 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 L^AT_EX 2_ε a typesetting program to produce a PDF file. L^AT_EX 2_ε in implented in MiT_EX. L^AT_EX 2_ε is utilizing the folowing packages to control style and forming:

- datetime and

¹Date Ran: Monday 2nd March, 2020 at 13:40

²RStudio is utilized as an IDE

- multicol
- hyperref
- xcolor

2 First Pass Acceptance Results

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

Projects Started 21

Projects Completed 9

Items Reviewed 260

Items Rejected 32

First Pass Acceptance Rate 76.5 %

Rejection Rate 12.3 %

2.1 FPA Without CHaRM Test Protocols

For the Month of February 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 multiple test cases contained within.

Projects Started 21

Projects Completed 9

Items Reviewed 185

Items Rejected 32

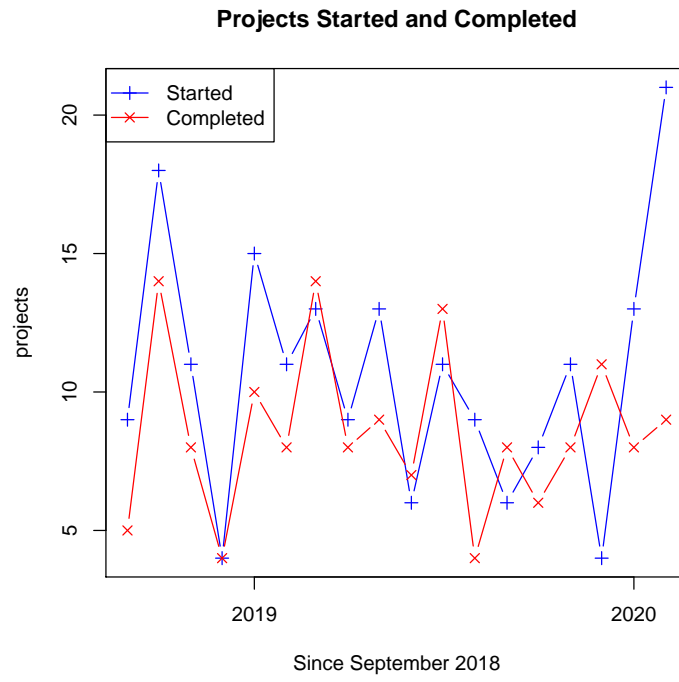
First Pass Acceptance Rate 67 %

Rejection Rate 17.3 %

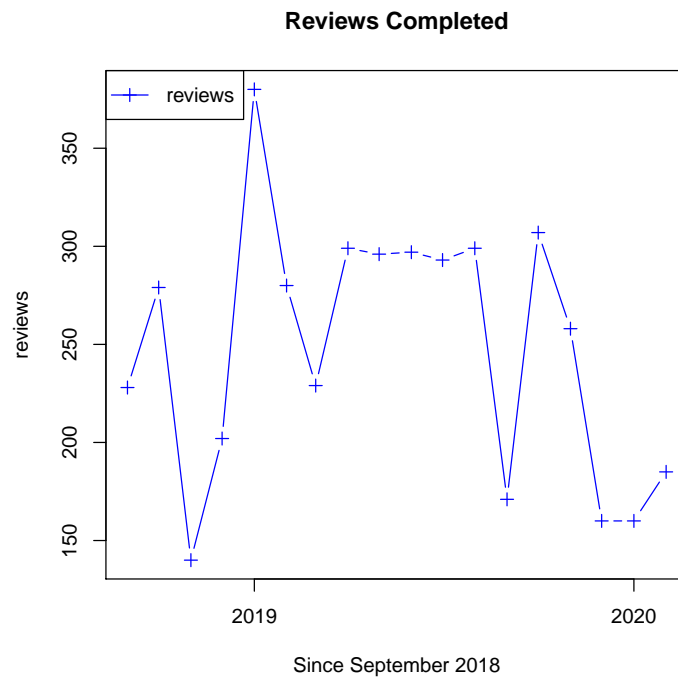
3 Trending Graphs

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

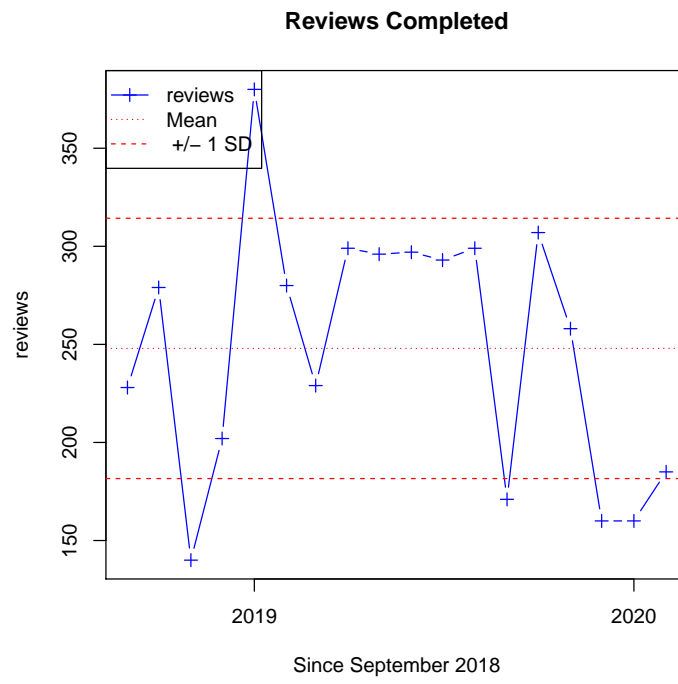
3.1 Projects Started and Completed



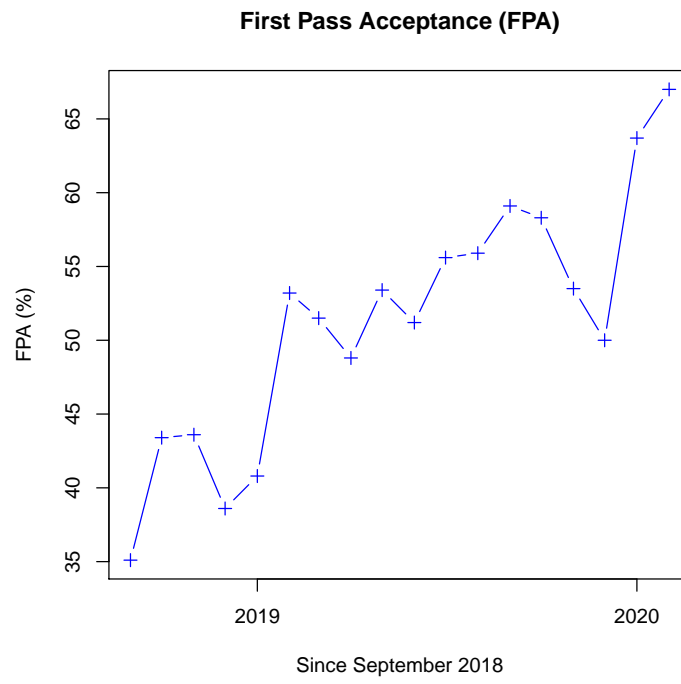
3.2 Reviews Completed



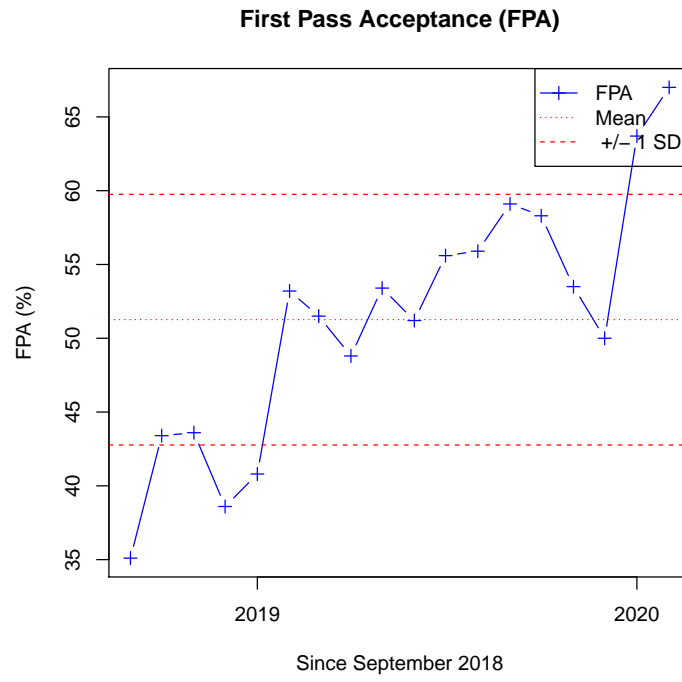
3.3 Reviews Completed with Control Lines



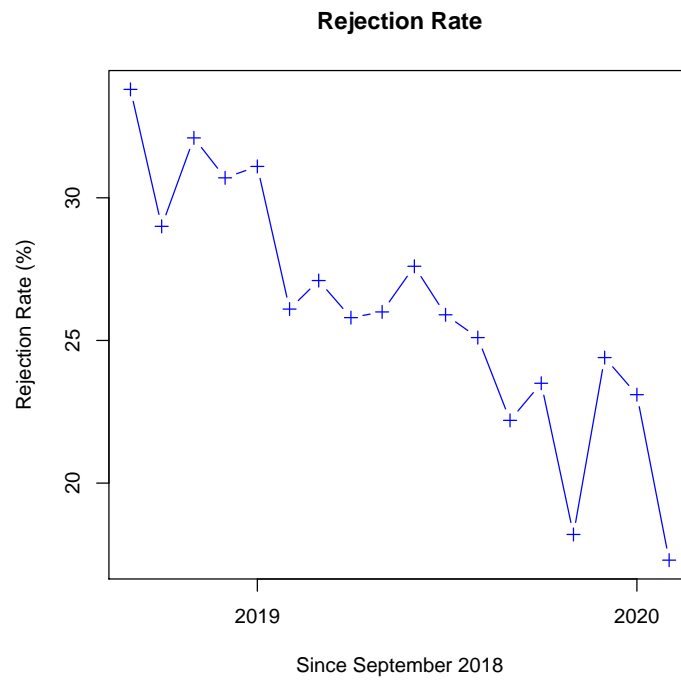
3.4 First Pass Acceptance



3.5 First Pass Acceptance with Control Lines



3.6 Rejection Rate



3.7 Rejection Rate with Control Lines

