Combined SQA Metric Items From FPA Spreadsheets - November 2019

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Abstract

Presentation of First Pass Acceptance of SLC documentation. This is derived from the Excel workbooks that Software Quality Assurance collected called "First Pass Acceptance.xlsx" and "First Pass Acceptance Dallas.xlsx". This is for the month of November 2019 . [1]

Contents

[1] Date Ran: Tuesday 3rd December, 2019 at 13:38

1 Introduction

The data is processed using R[2], version 3.6.1 named "Action of the Toes" . 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 LaTeX 2_ε a typeseting program to produce a PDF file. LaTeX 2_ε in implented in MiTeX. LaTeX 2_ε is utilizing the folowing packages to control style and formating:

- datetime and
- multitoc
- hyperref
- xcolor

Note: The charts provided only contain data for the Dallas team starting from September 2019.

2 Combined (all)

2.1 First Pass Acceptance Results

For the Month of November 2019 the follow are the First Pass Acceptance Metrics results.

Projects Started 14

Projects Completed 13

Items Reviewed 496

Items Rejected 121

First Pass Acceptance Rate 44.2 %

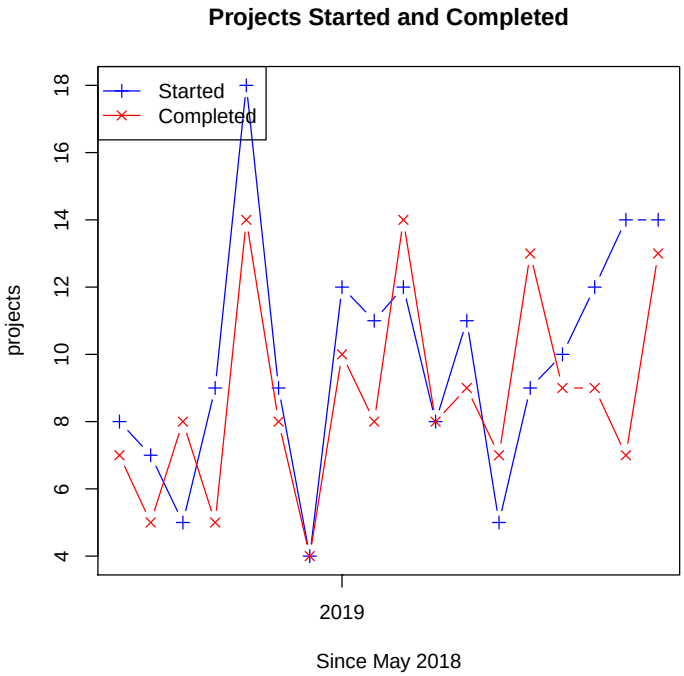
Rejection Rate 24.4 %

2.2 Trending Graphs

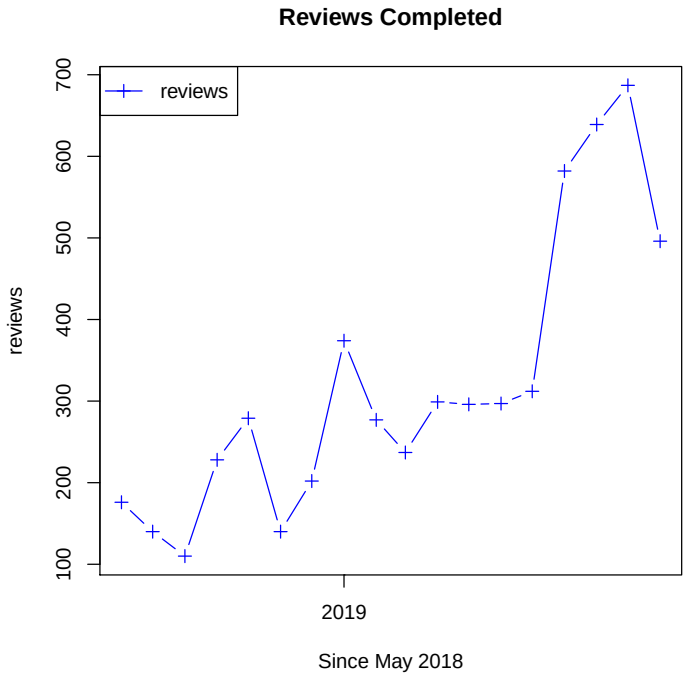
Trend Graphs only reflect the past 18 months of data. The following graphics do not include data from CHaRM Test Protocols.

[2] RStudio is utilized as an IDE

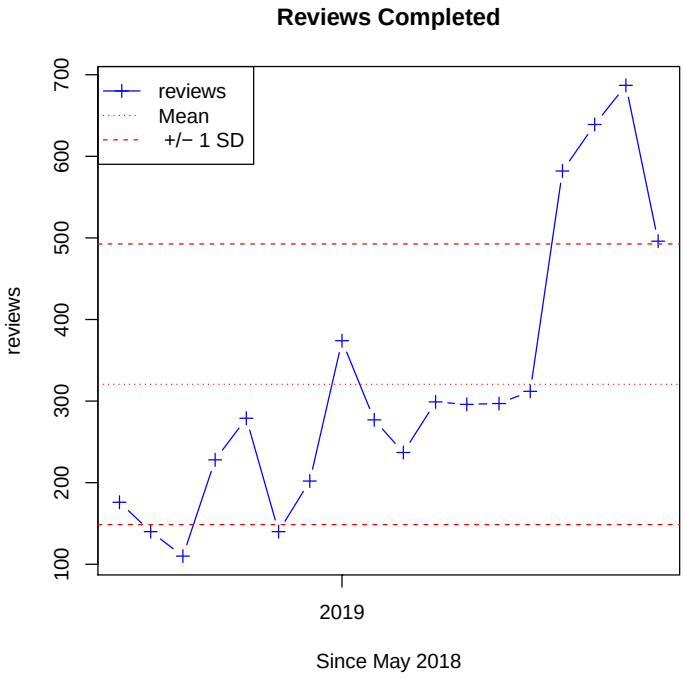
2.2.1 Projects Started and Completed



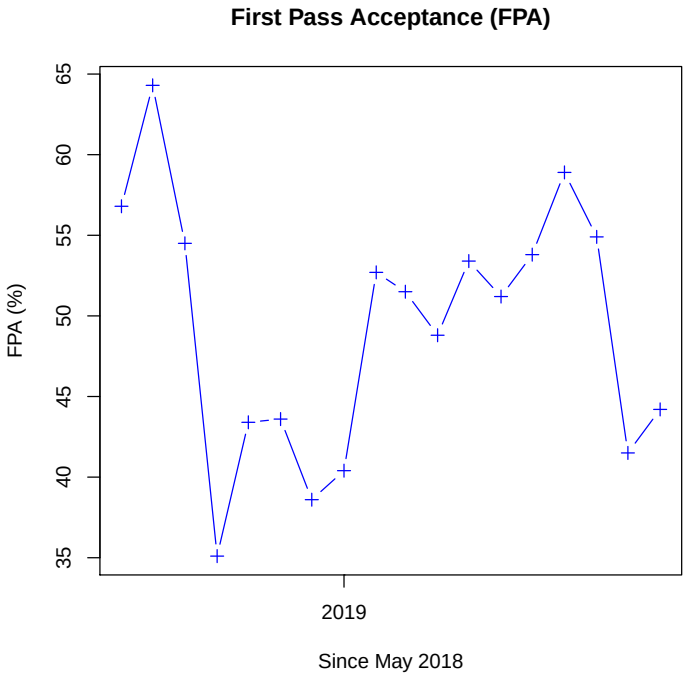
2.2.2 Reviews Completed



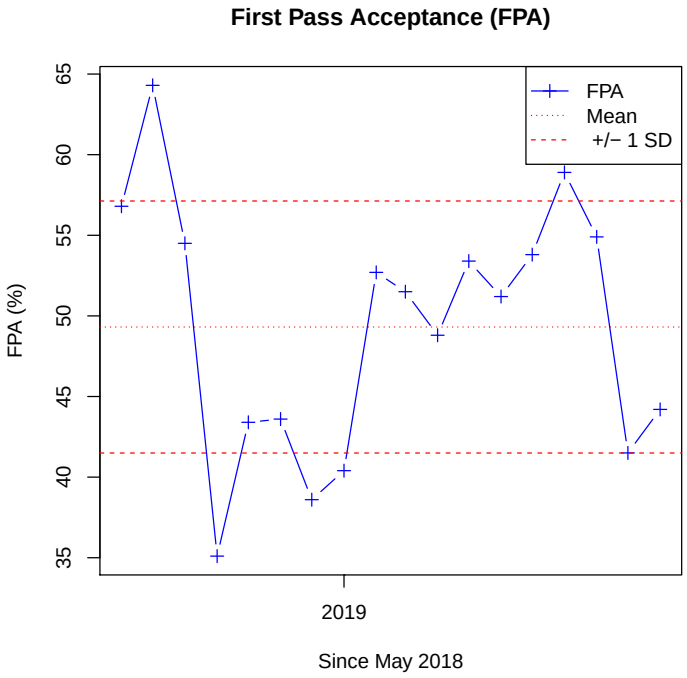
2.2.3 Reviews Completed with Control Lines



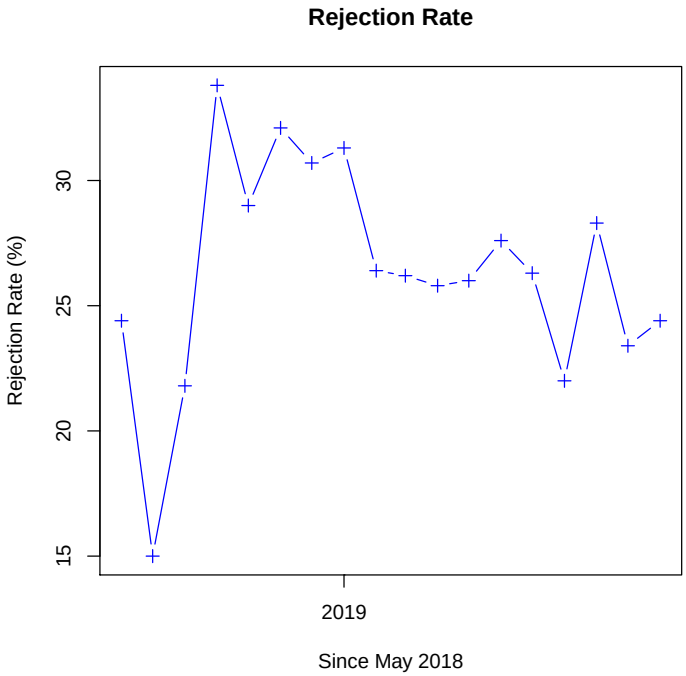
2.2.4 First Pass Acceptance



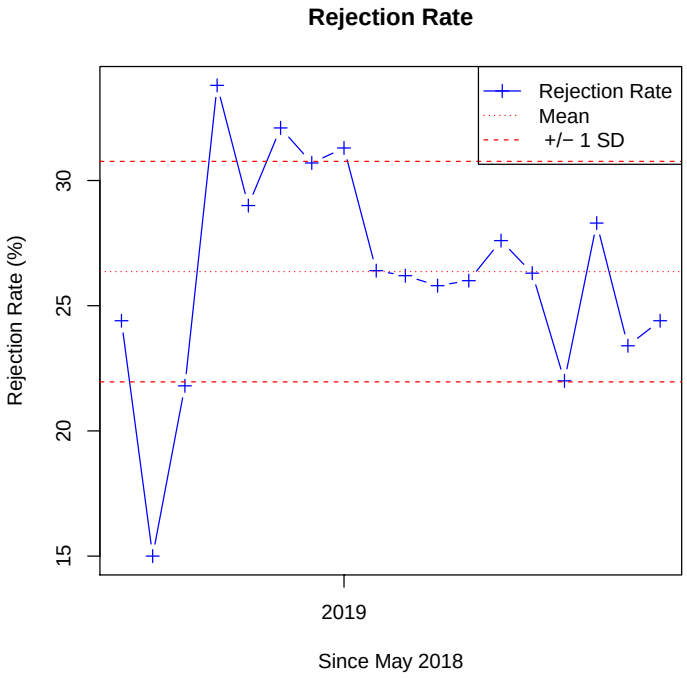
2.2.5 First Pass Acceptance with Control Lines



2.2.6 Rejection Rate



2.2.7 Rejection Rate with Control Lines



3 Combined (CHaRM Test Protocols Removed)

3.1 First Pass Acceptance Results

For the Month of November 2019 the follow are the First Pass Acceptance Metrics results.

Projects Started 14

Projects Completed 13

Items Reviewed 421

Items Rejected 118

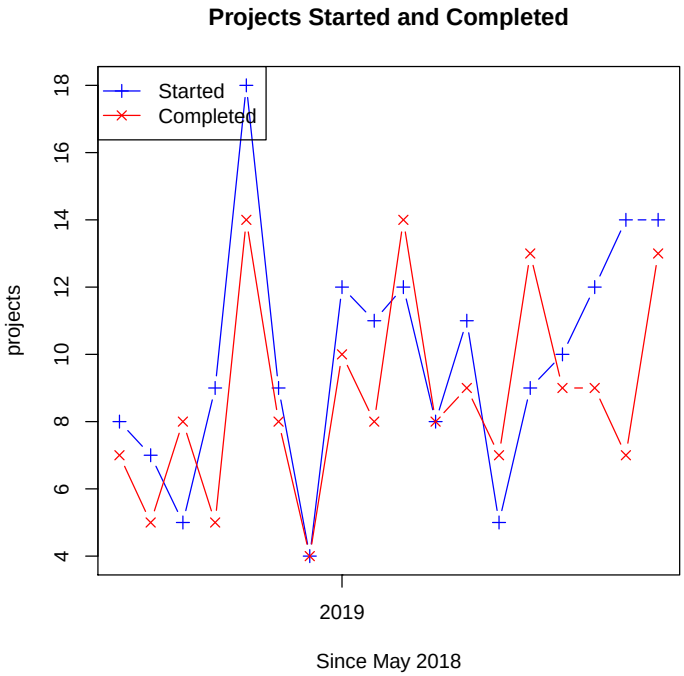
First Pass Acceptance Rate 40.4 %

Rejection Rate 28 %

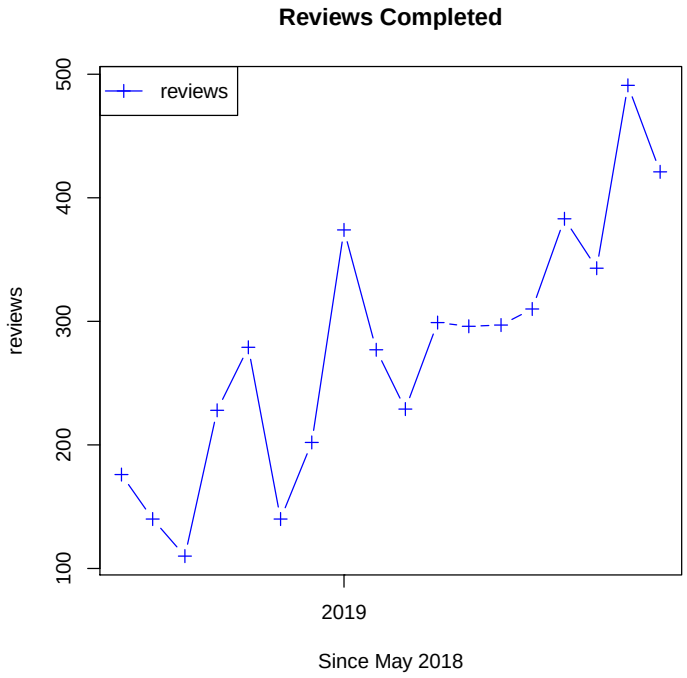
3.2 Trending Graphs

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

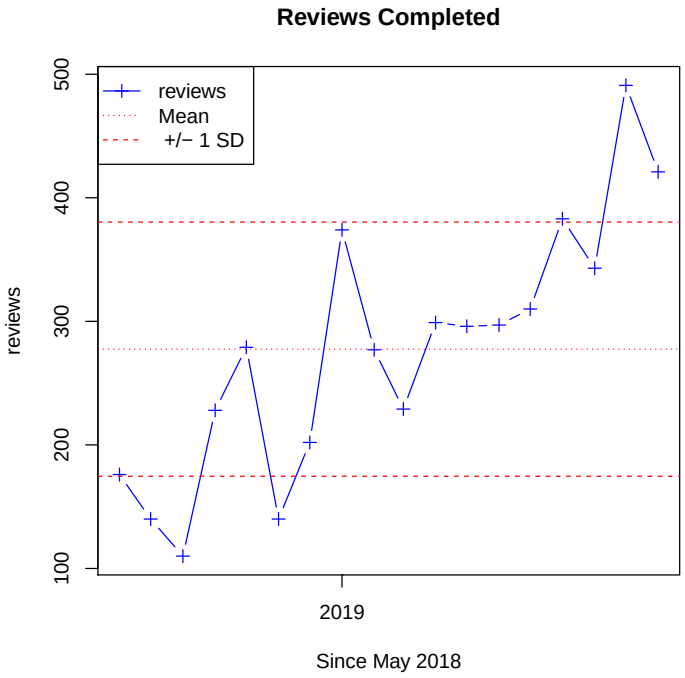
3.2.1 Projects Started and Completed



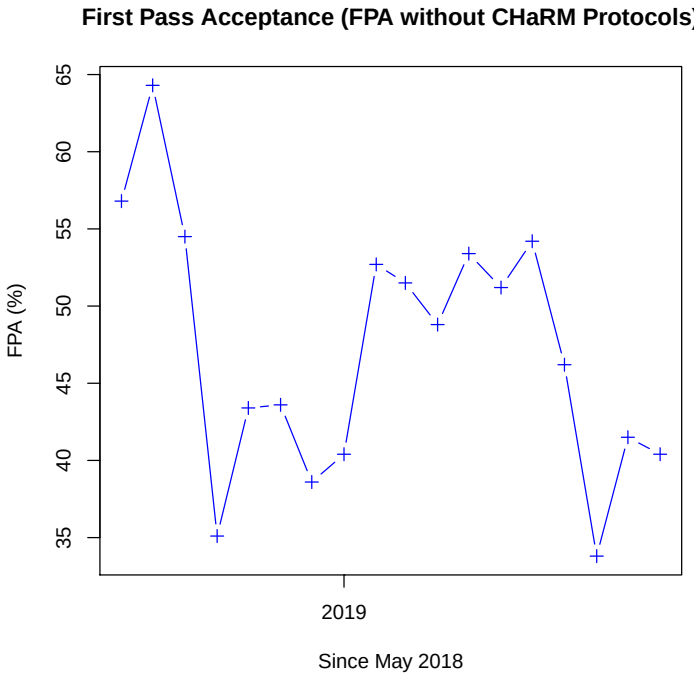
3.2.2 Reviews Completed



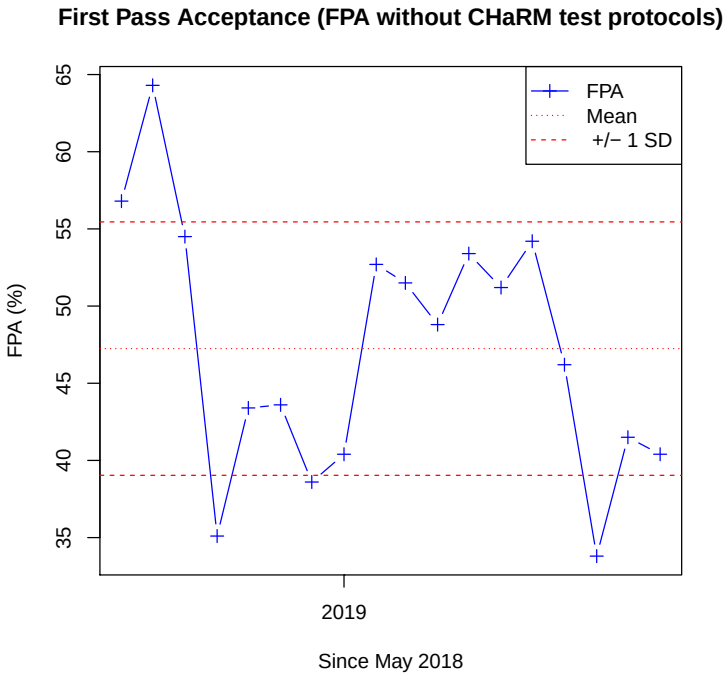
3.2.3 Reviews Completed with Control Lines



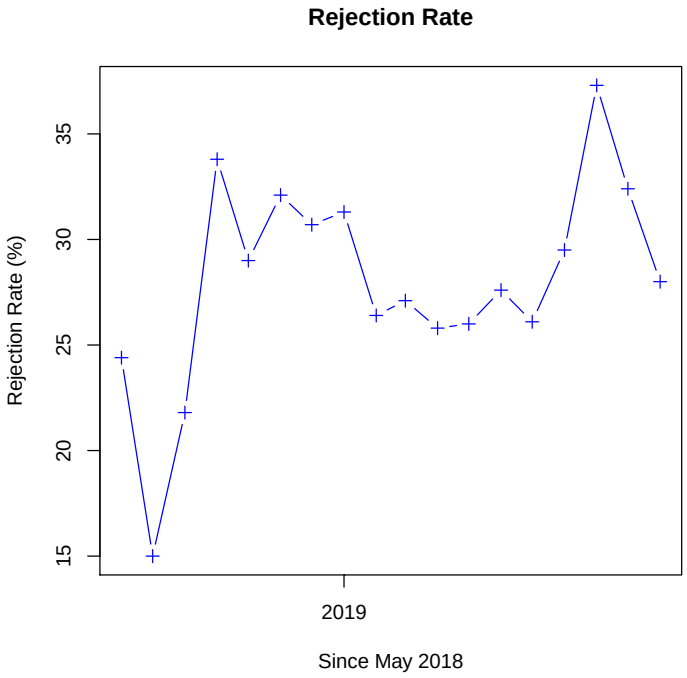
3.2.4 First Pass Acceptance



3.2.5 First Pass Acceptance with Control Lines



3.2.6 Rejection Rate



3.2.7 Rejection Rate with Control Lines