

Combined SQA Metric Items From FPA Spreadsheets - April 2020

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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 April 2020 .¹

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1 Introduction

The data is processed using R², 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 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:

¹Date Ran: Monday 4th May, 2020 at 11:08

²RStudio is utilized as an IDE

- datetime and
- multiloc
- 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 April 2020 the follow are the First Pass Acceptance Metrics results.

Projects Started 25

Projects Completed 10

Items Reviewed 464

Items Rejected 129

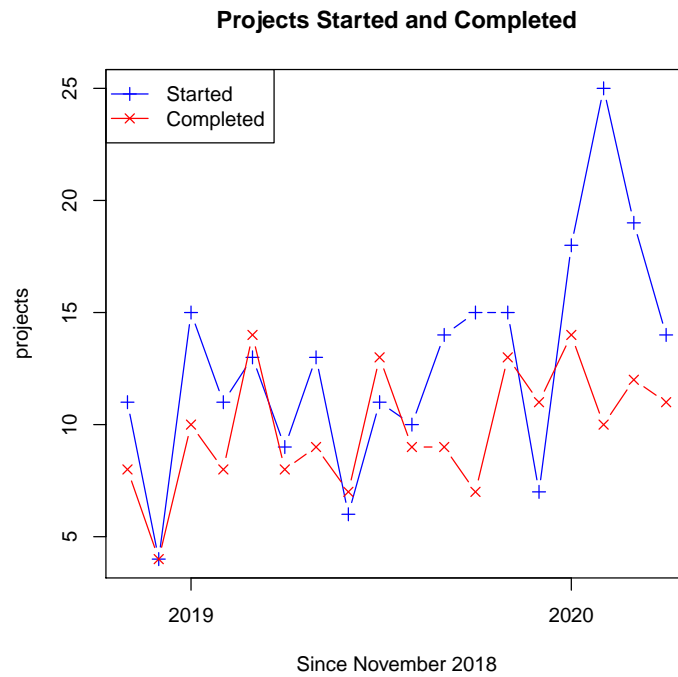
First Pass Acceptance Rate 49.8 %

Rejection Rate 27.8 %

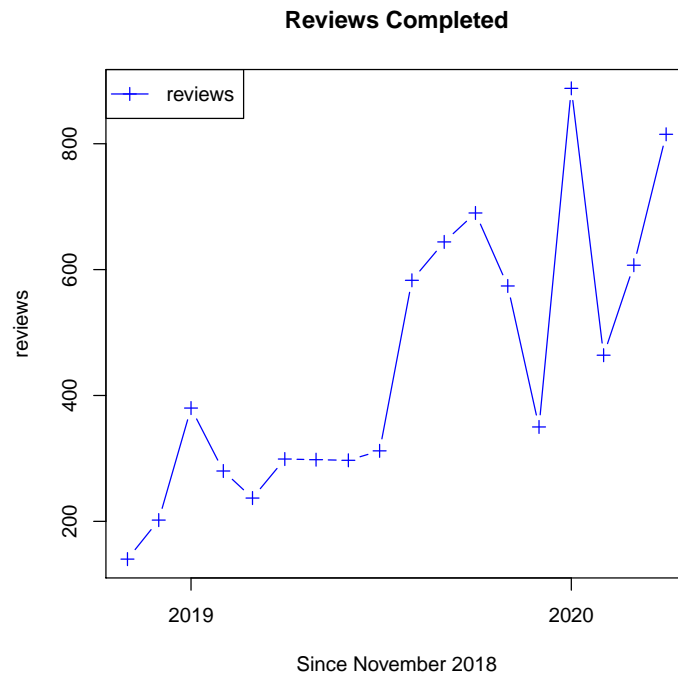
2.2 Trending Graphs

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

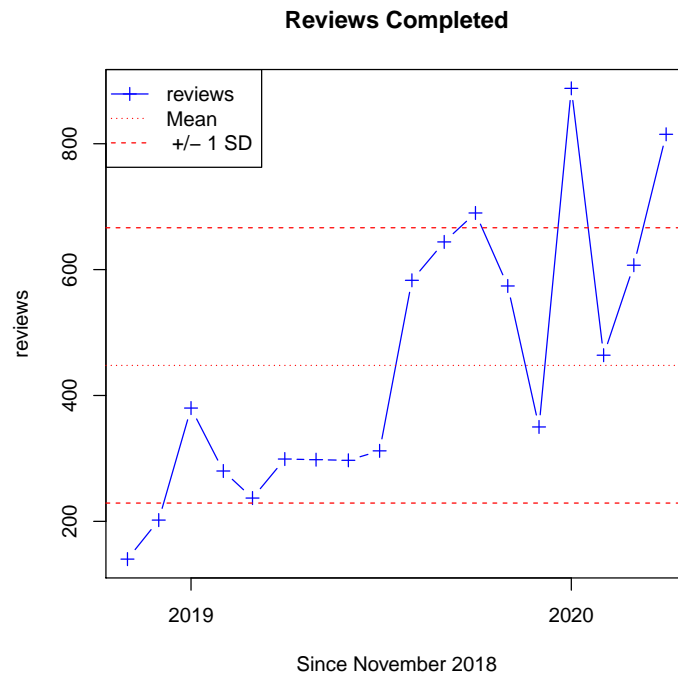
2.2.1 Projects Started and Completed



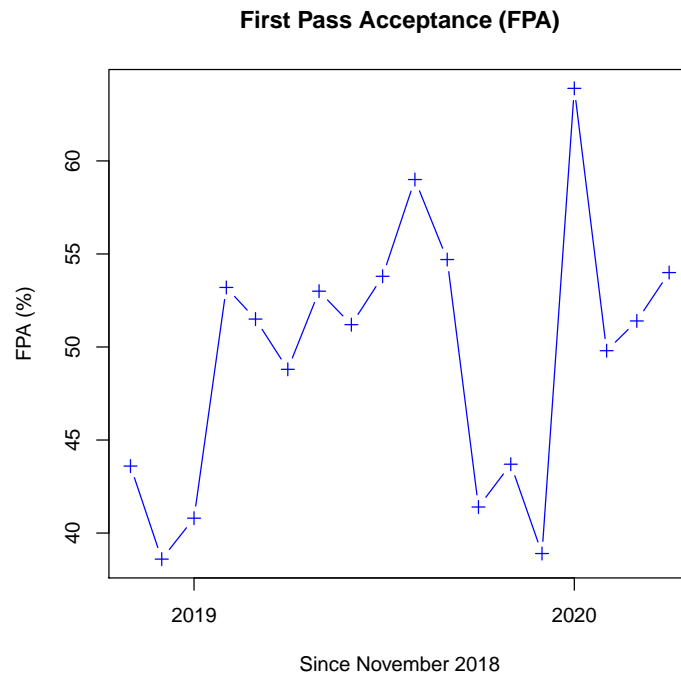
2.2.2 Reviews Completed



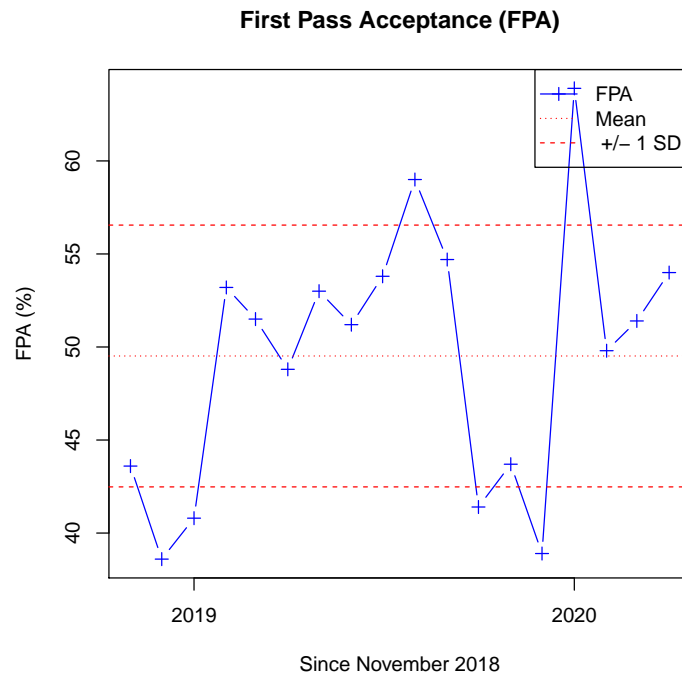
2.2.3 Reviews Completed with Control Lines



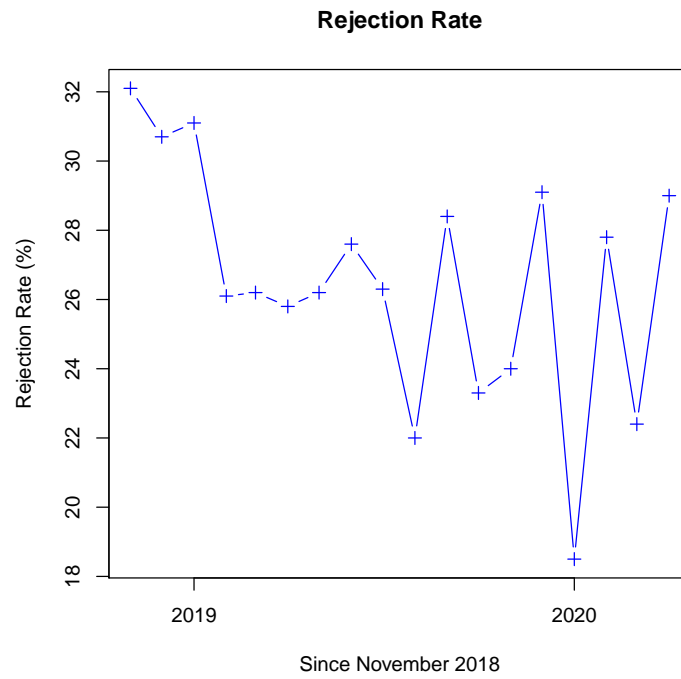
2.2.4 First Pass Acceptance



2.2.5 First Pass Acceptance with Control Lines



2.2.6 Rejection Rate



2.2.7 Rejection Rate with Control Lines

