

Combined SQA Metric Items From FPA Spreadsheets - December 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 December 2019 . ¹

Contents

1 Introduction	1	3 Combined (CHaRM Test Protocols Removed)	8
2 Combined (all)	2	3.1 First Pass Acceptance Results	8
2.1 First Pass Acceptance Results	2	3.2 Trending Graphs	8
2.2 Trending Graphs	2	3.2.1 Projects Started and Completed .	9
2.2.1 Projects Started and Completed .	2	3.2.2 Reviews Completed	10
2.2.2 Reviews Completed	3	3.2.3 Reviews Completed with Control Lines	11
2.2.3 Reviews Completed with Control Lines	4	3.2.4 First Pass Acceptance	12
2.2.4 First Pass Acceptance	5	3.2.5 First Pass Acceptance with Control Lines . .	13
2.2.5 First Pass Acceptance with Control Lines . .	6	3.2.6 Rejection Rate .	14
2.2.6 Rejection Rate .	7	3.2.7 Rejection Rate with Control Lines	15
2.2.7 Rejection Rate with Control Lines	8		

¹Date Ran: Monday 13th January, 2020 at 10:22

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 is implented in MiT_EX. L^AT_EX 2_ε is utilizing the folowing packages to control style and formating:

- datetime and
- multtoc
- 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 December 2019 the follow are the First Pass Acceptance Metrics results.

Projects Started 7

Projects Completed 11

Items Reviewed 350

Items Rejected 102

First Pass Acceptance Rate 38.9 %

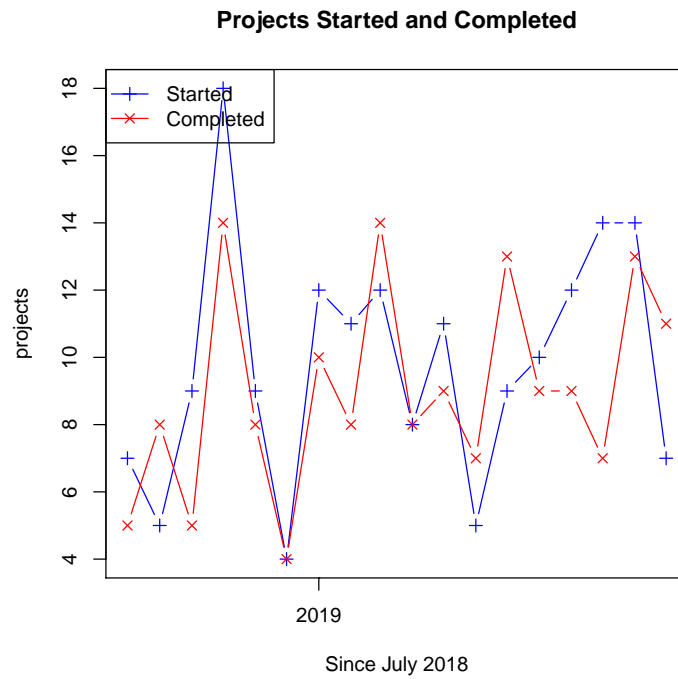
Rejection Rate 29.1 %

2.2 Trending Graphs

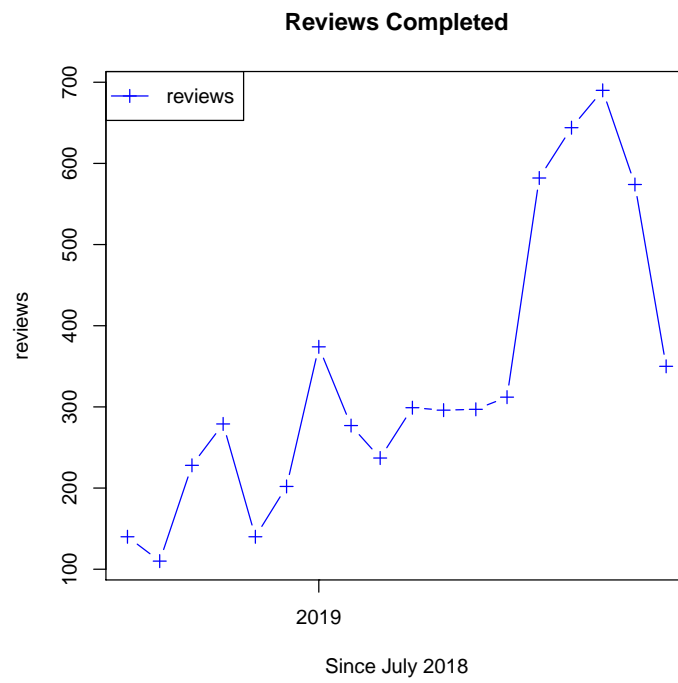
Trend Graphs only reflect the past 18 months of data. The following graphics do not include data from CHaRM Test Protocols.

²RStudio is utilized as an IDE

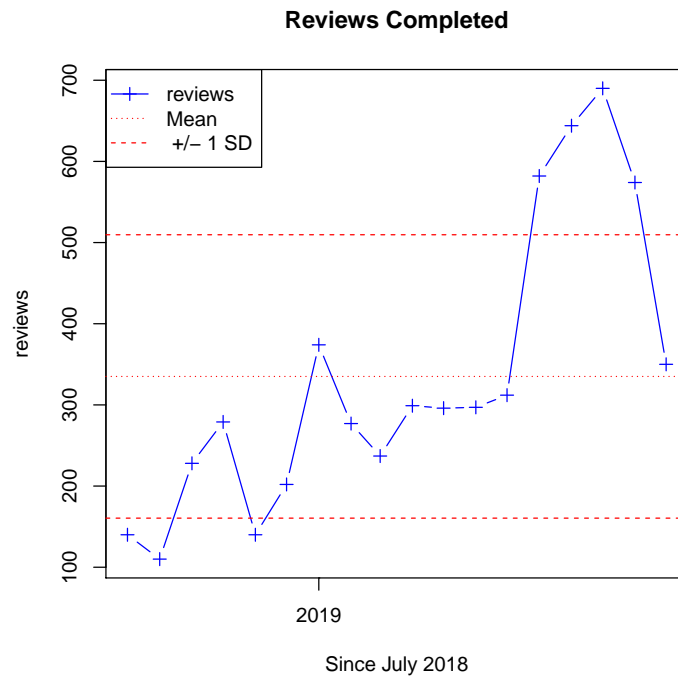
2.2.1 Projects Started and Completed



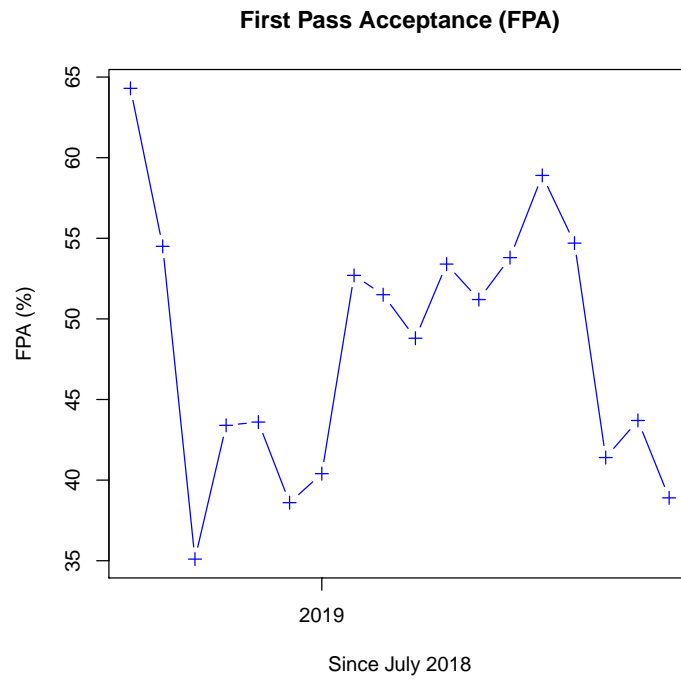
2.2.2 Reviews Completed



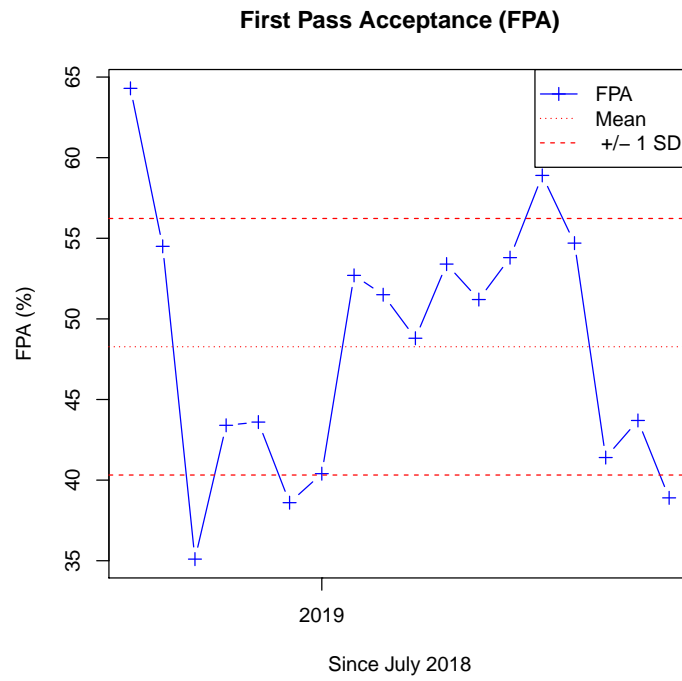
2.2.3 Reviews Completed with Control Lines



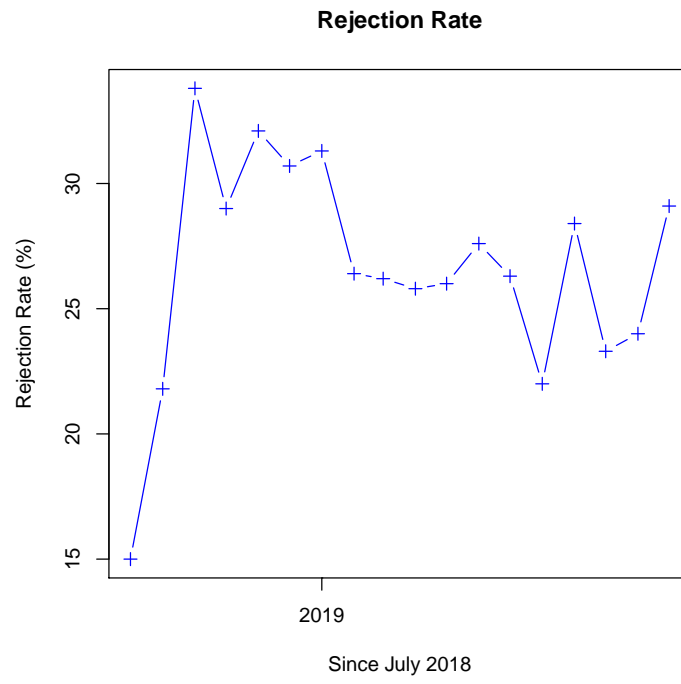
2.2.4 First Pass Acceptance



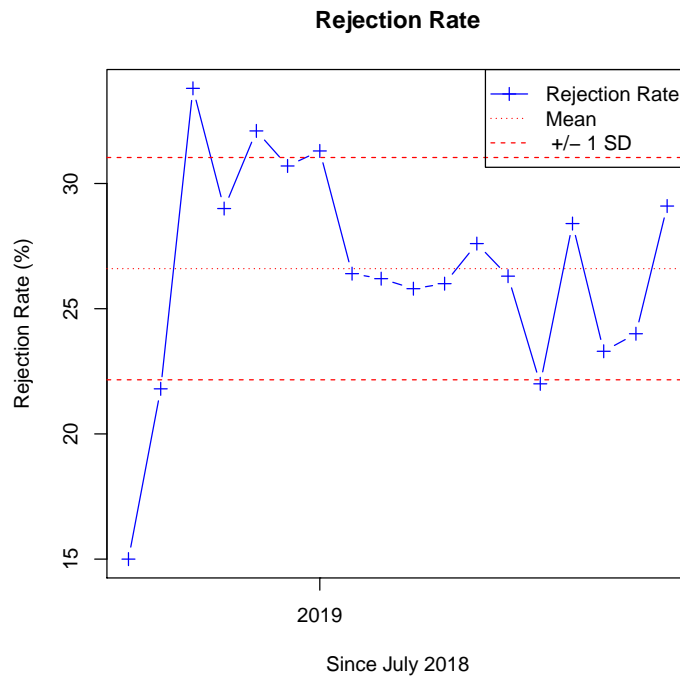
2.2.5 First Pass Acceptance with Control Lines



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 December 2019 the follow are the First Pass Acceptance Metrics results.

Projects Started 7

Projects Completed 11

Items Reviewed 348

Items Rejected 102

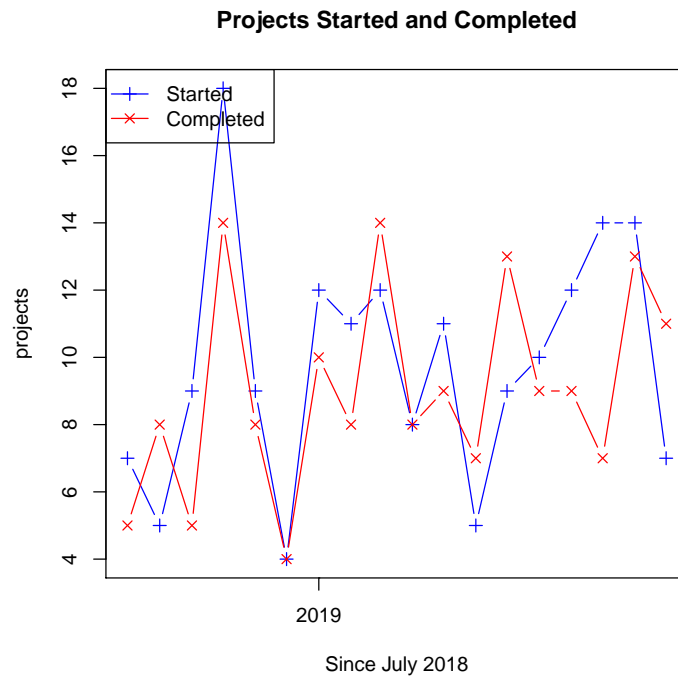
First Pass Acceptance Rate 39.1 %

Rejection Rate 29.3 %

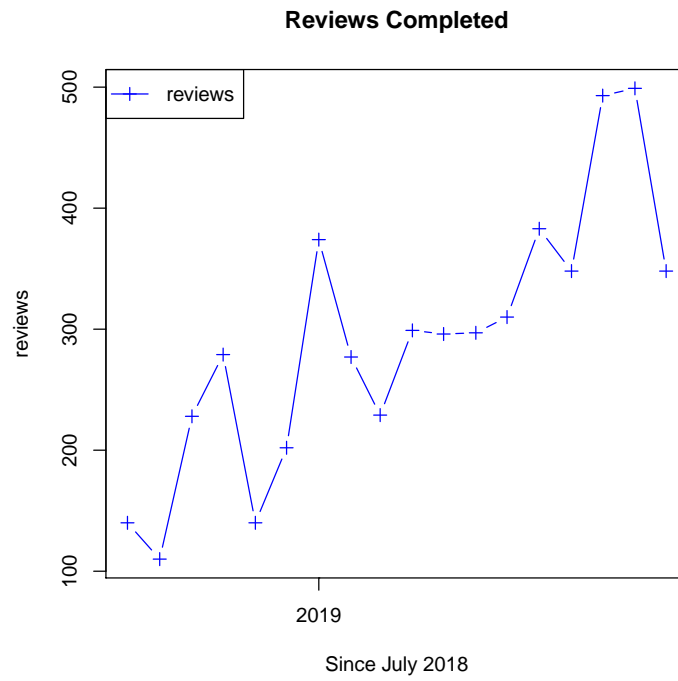
3.2 Trending Graphs

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

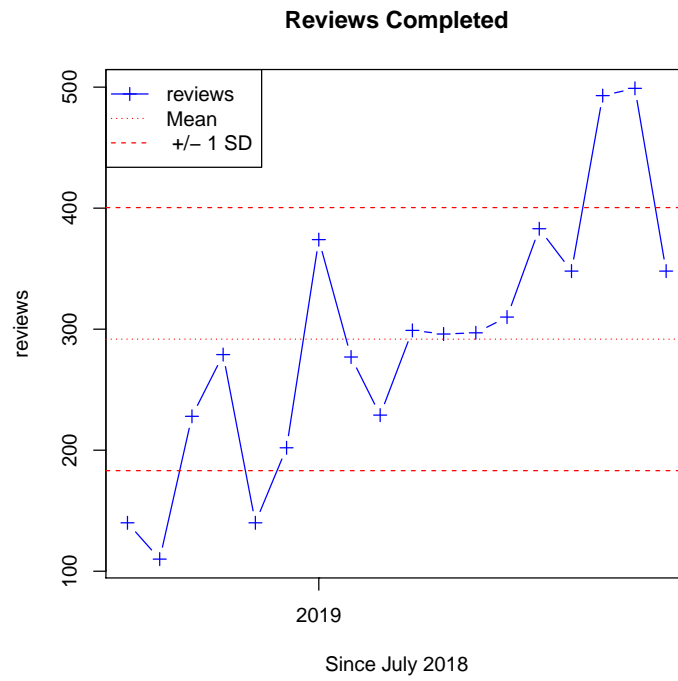
3.2.1 Projects Started and Completed



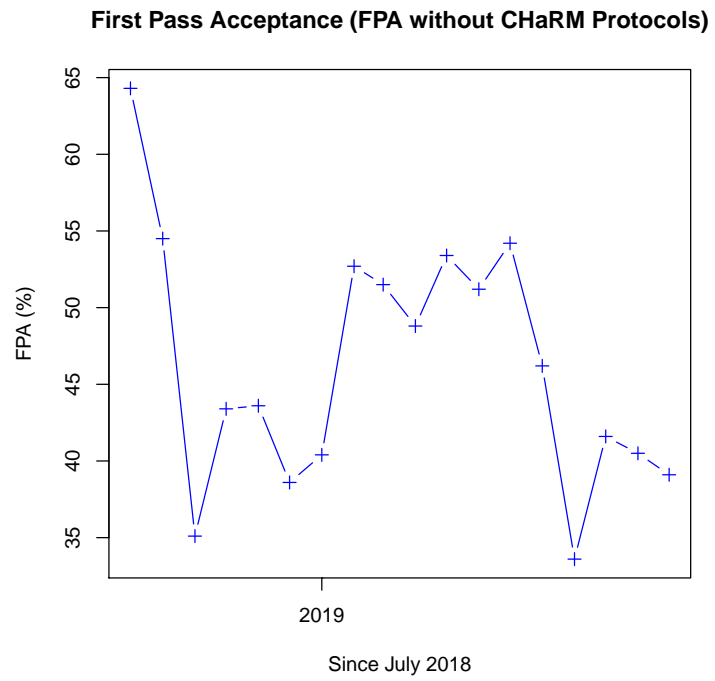
3.2.2 Reviews Completed



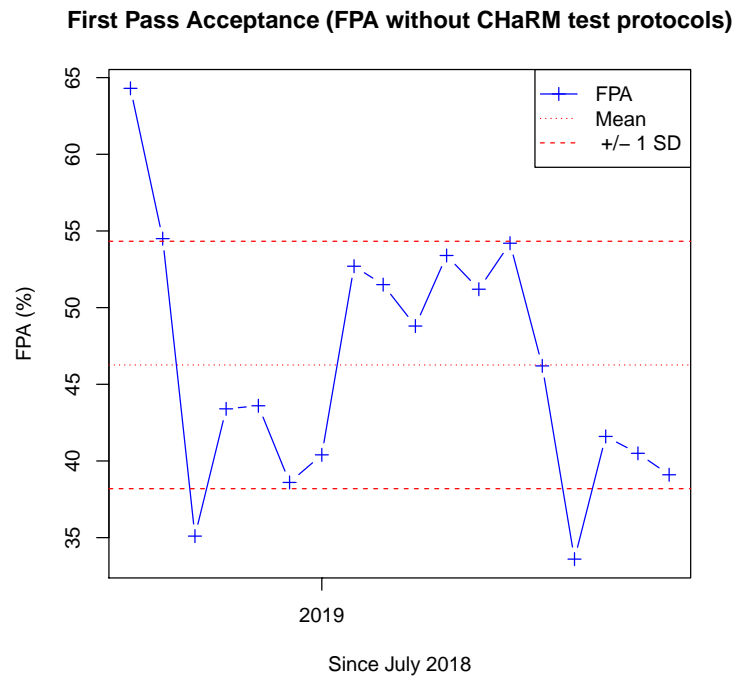
3.2.3 Reviews Completed with Control Lines



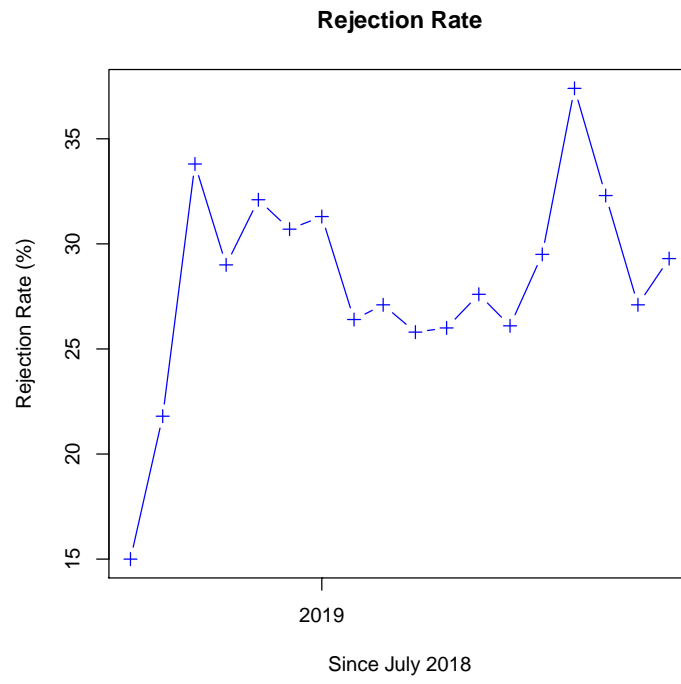
3.2.4 First Pass Acceptance



3.2.5 First Pass Acceptance with Control Lines



3.2.6 Rejection Rate



3.2.7 Rejection Rate with Control Lines

