

Combined SQA Metric Items From FPA Spreadsheets - October 2019

Nick Lauerman

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 October 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: Friday 1st November, 2019 at 11:16

1 Introduction

The data is processed using R², 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 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 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 October 2019 the follow are the First Pass Acceptance Metrics results.

Projects Started 14

Projects Completed 7

Items Reviewed 685

Items Rejected 160

First Pass Acceptance Rate 41.6 %

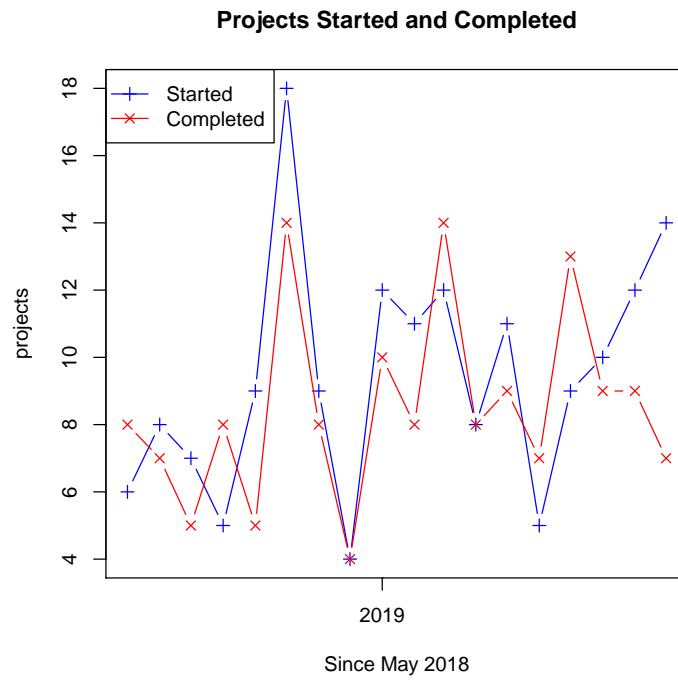
Rejection Rate 23.4 %

2.2 Trending Graphs

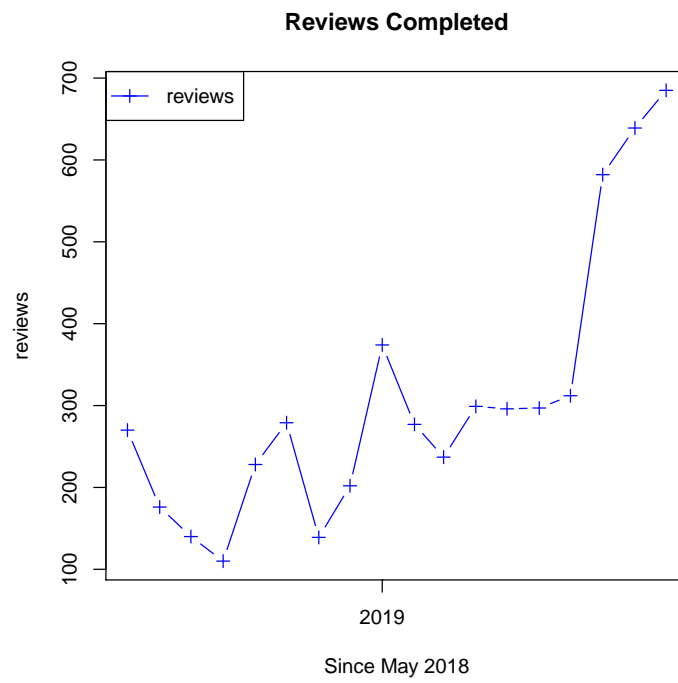
Trend Graphs only reflect the past 18 months of data. The following graphics do not include data from CHaRM Test Protocols.

²RStudio is utilized as an IDE

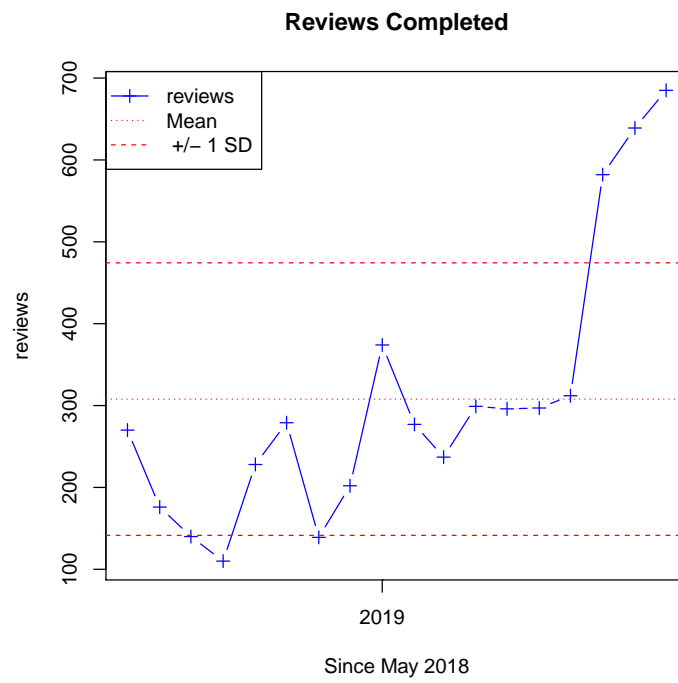
2.2.1 Projects Started and Completed



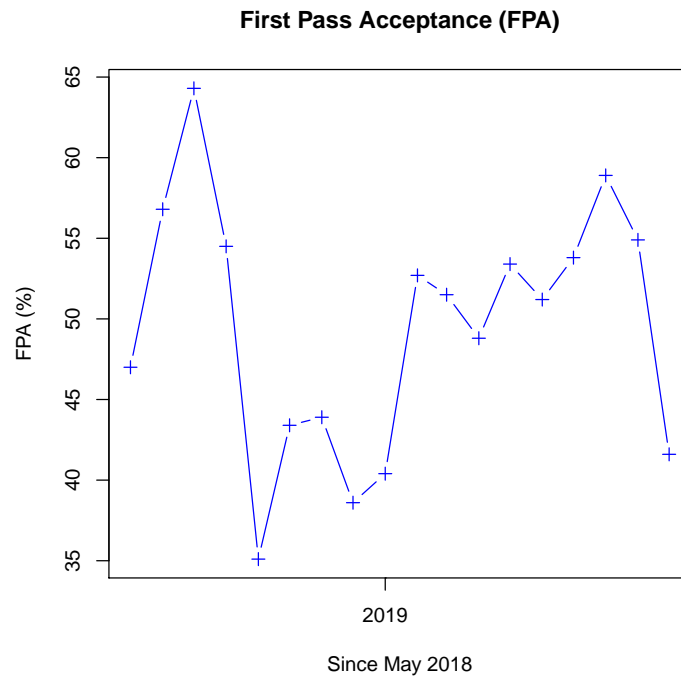
2.2.2 Reviews Completed



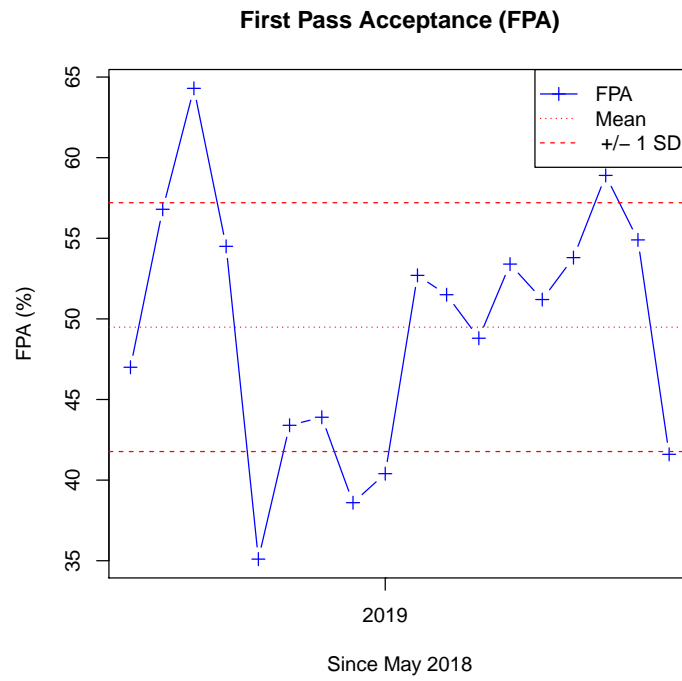
2.2.3 Reviews Completed with Control Lines



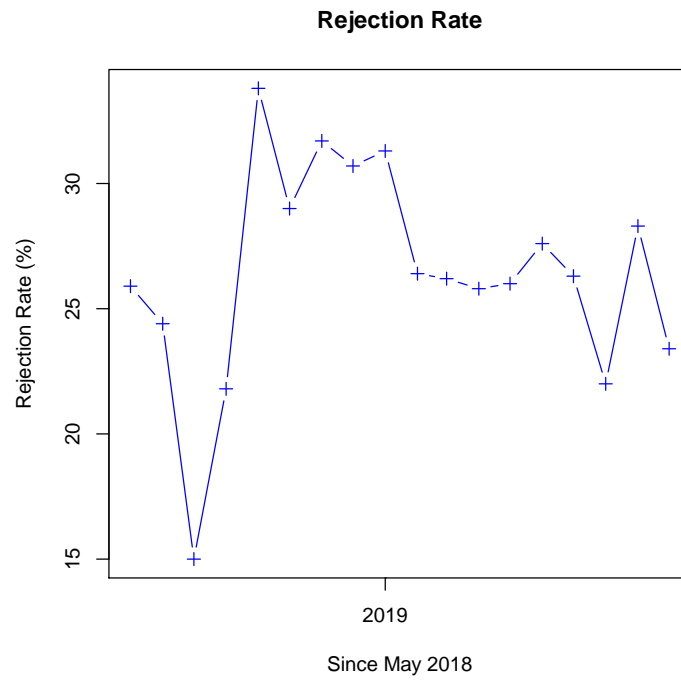
2.2.4 First Pass Acceptance



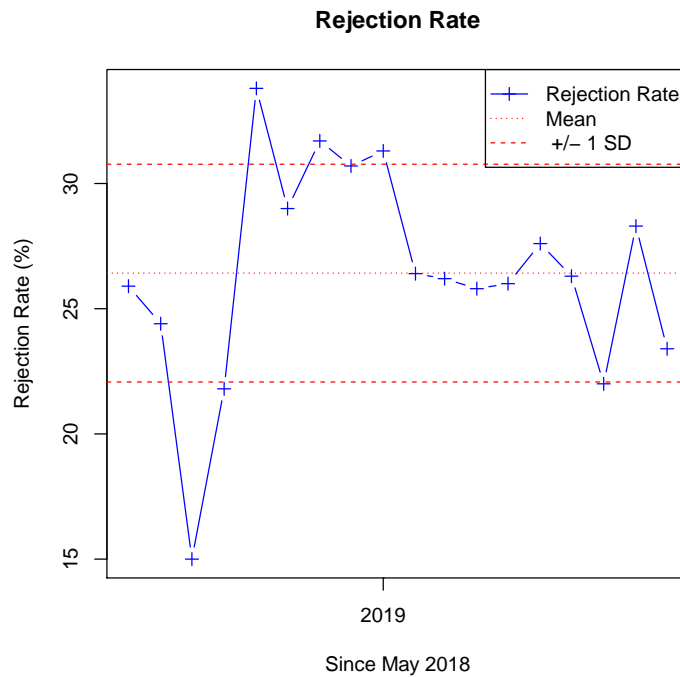
2.2.5 First Pass Acceptance with Control Lines



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

Projects Started 14

Projects Completed 7

Items Reviewed 489

Items Rejected 158

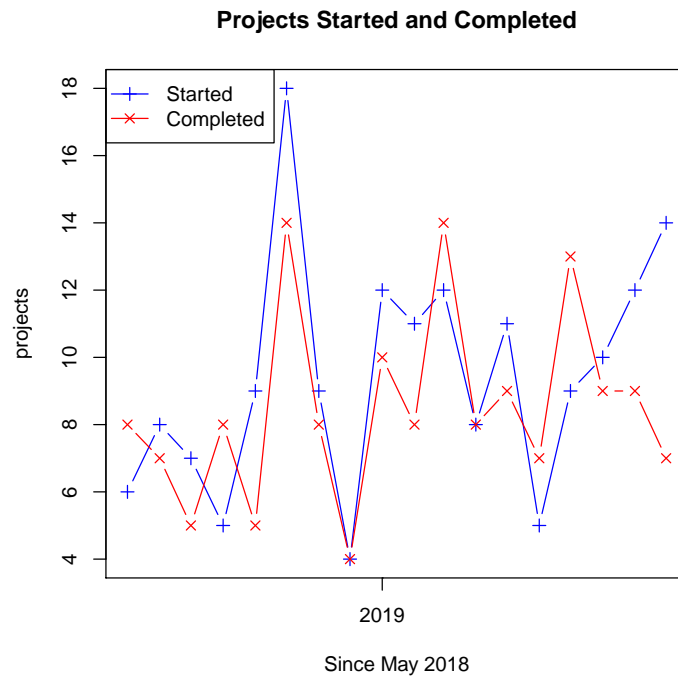
First Pass Acceptance Rate 41.7 %

Rejection Rate 32.3 %

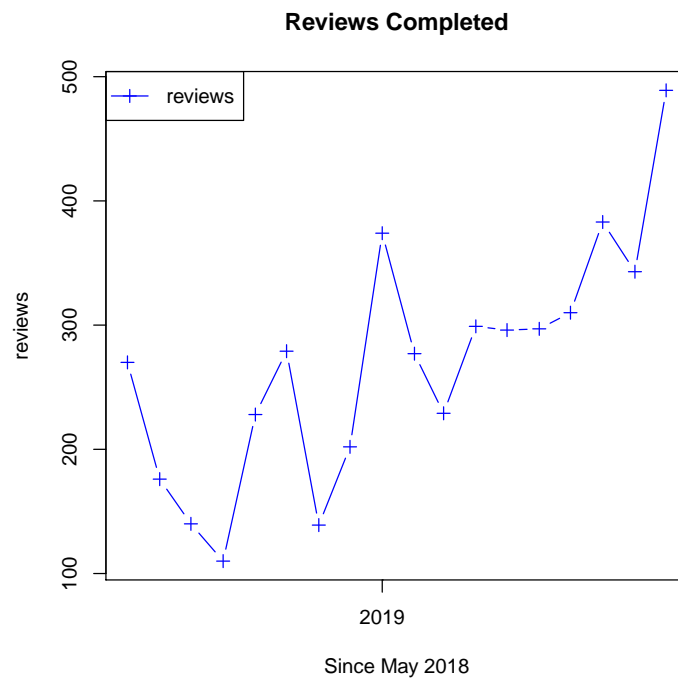
3.2 Trending Graphs

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

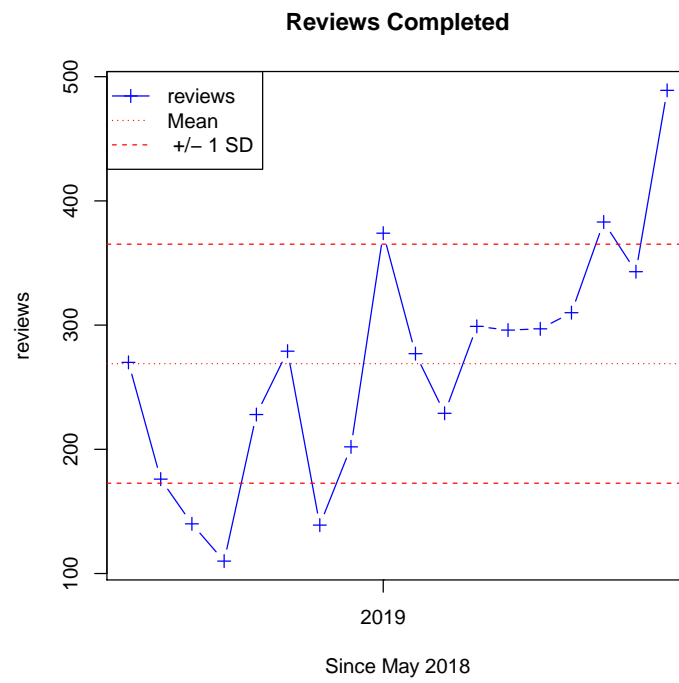
3.2.1 Projects Started and Completed



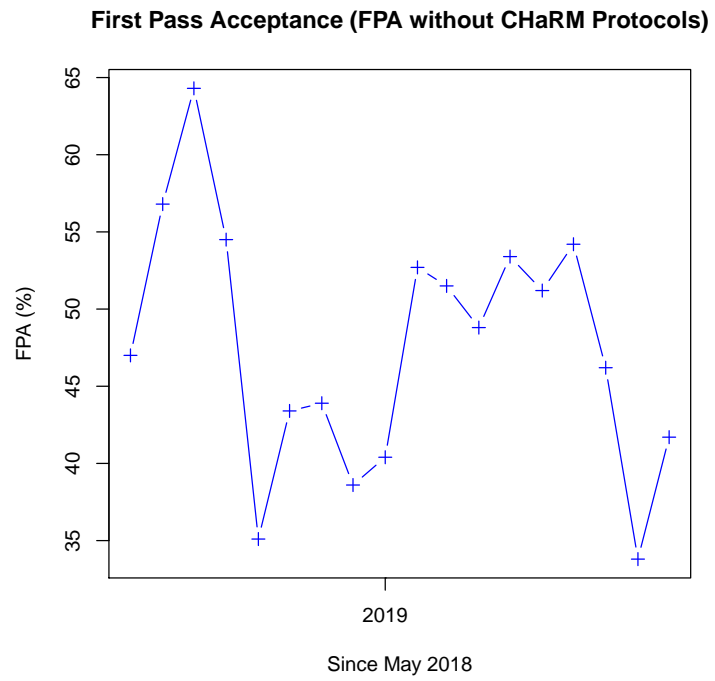
3.2.2 Reviews Completed



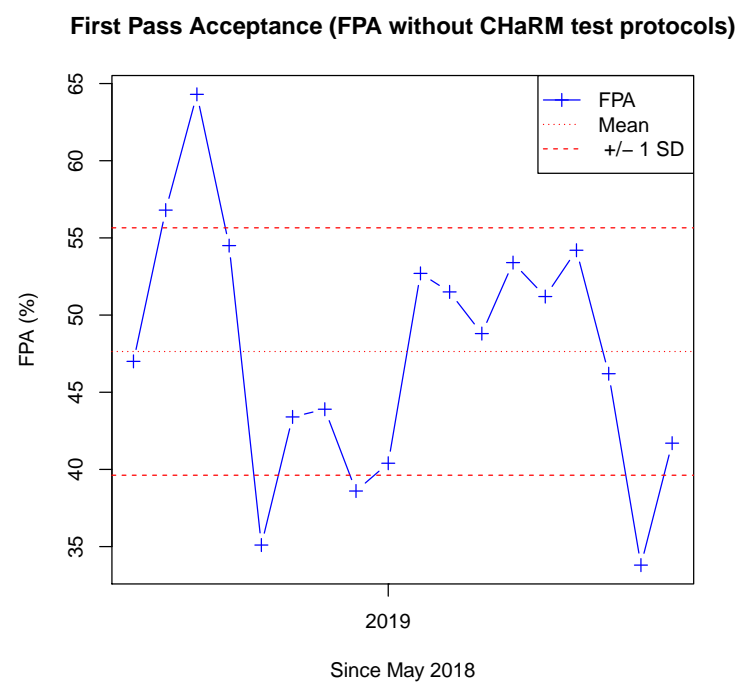
3.2.3 Reviews Completed with Control Lines



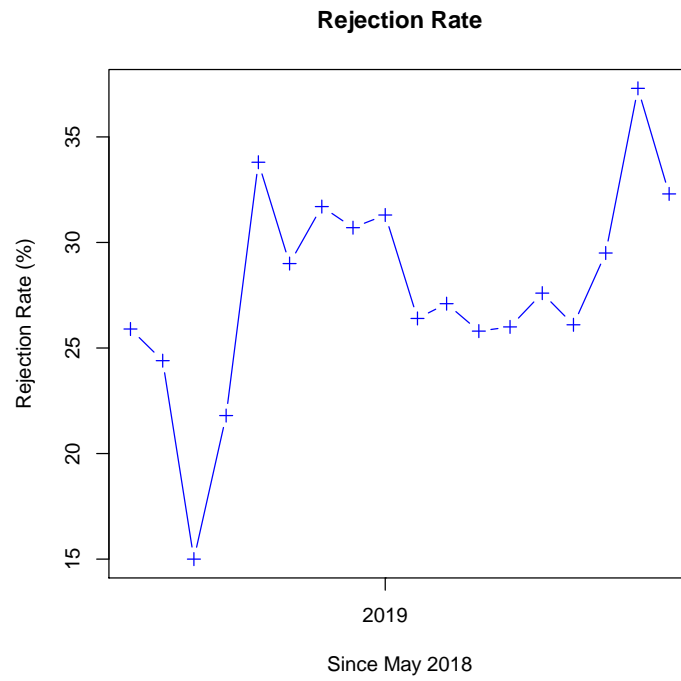
3.2.4 First Pass Acceptance



3.2.5 First Pass Acceptance with Control Lines



3.2.6 Rejection Rate



3.2.7 Rejection Rate with Control Lines

