

LC/Div SQA Metric Items From FPA Spreadsheet - September 2019

Nick Lauerman

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 September 2019 . ¹

Contents

1 Introduction	1	3.2 Reviews Completed . . .	4
2 First Pass Acceptance Results	1	3.3 Reviews Completed with Control Lines . . .	5
2.1 FPA Without CHaRM Test Protocols	2	3.4 First Pass Acceptance .	6
3 Trending Graphs	2	3.5 First Pass Acceptance with Control Lines . . .	7
3.1 Projects Started and Completed	3	3.6 Rejection Rate	8
		3.7 Rejection Rate with Control Lines	9

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 typeseting 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: Tuesday 1st October, 2019 at 10:21

²RStudio is utilized as an IDE

- datetime and
- multiloc
- hyperref
- xcolor

2 First Pass Acceptance Results

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

Projects Started 4

Projects Completed 8

Items Reviewed 467

Items Rejected 91

First Pass Acceptance Rate 71.9 %

Rejection Rate 19.5 %

2.1 FPA Without CHaRM Test Protocols

For the Month of September 2019 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 4

Projects Completed 8

Items Reviewed 171

Items Rejected 38

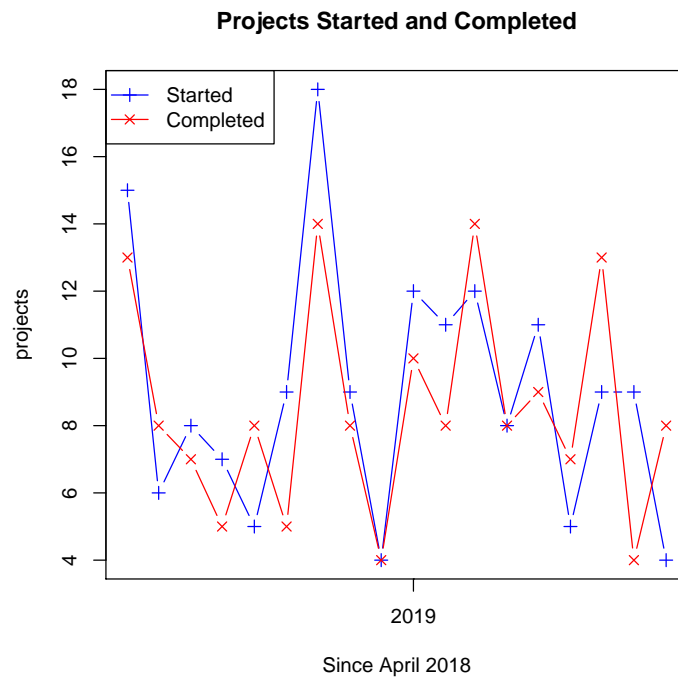
First Pass Acceptance Rate 59.1 %

Rejection Rate 22.2 %

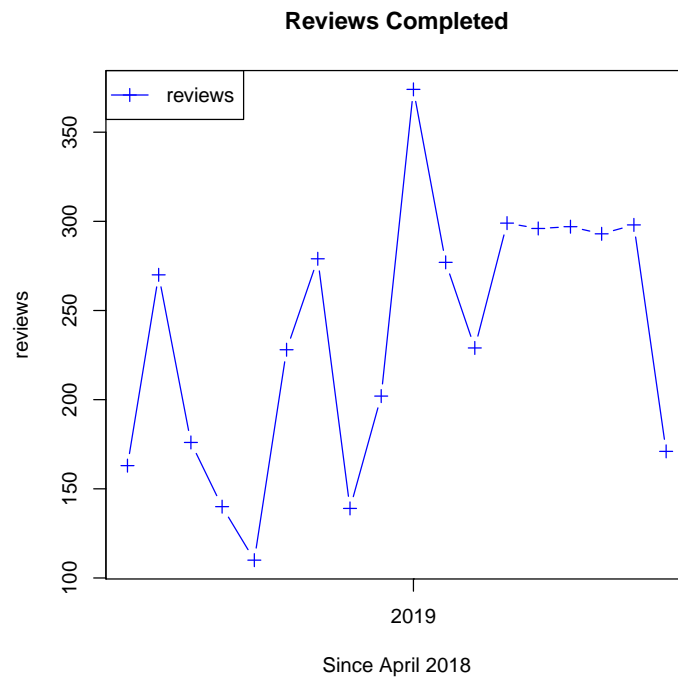
3 Trending Graphs

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

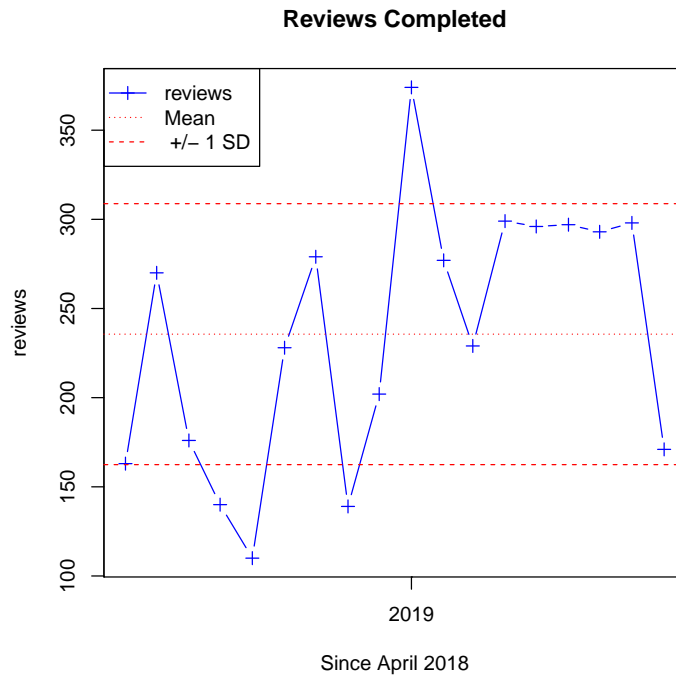
3.1 Projects Started and Completed



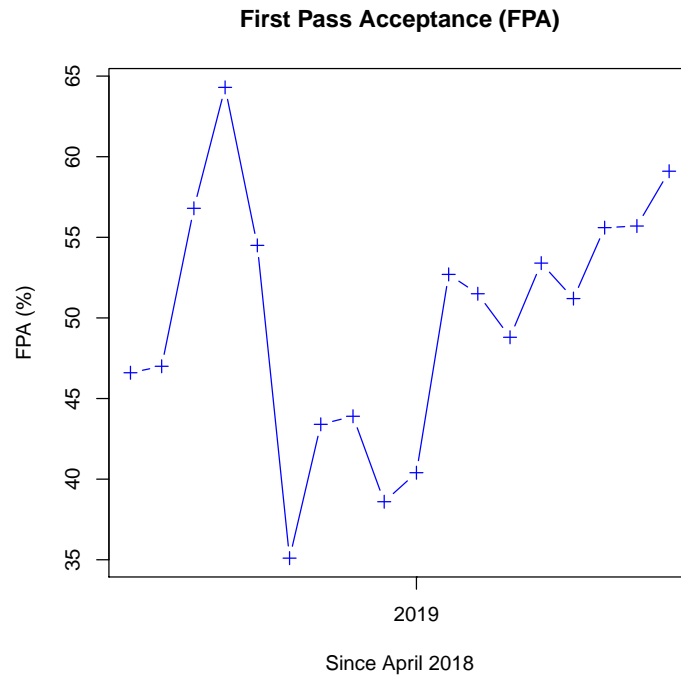
3.2 Reviews Completed



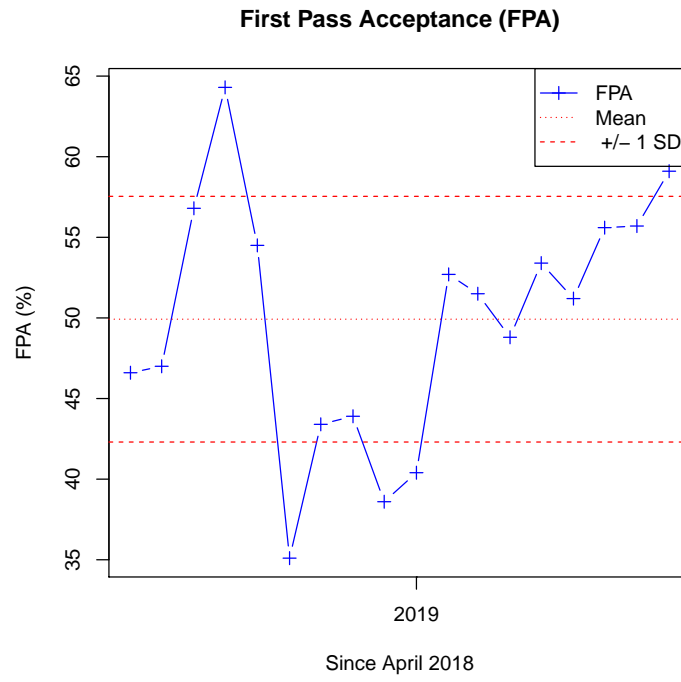
3.3 Reviews Completed with Control Lines



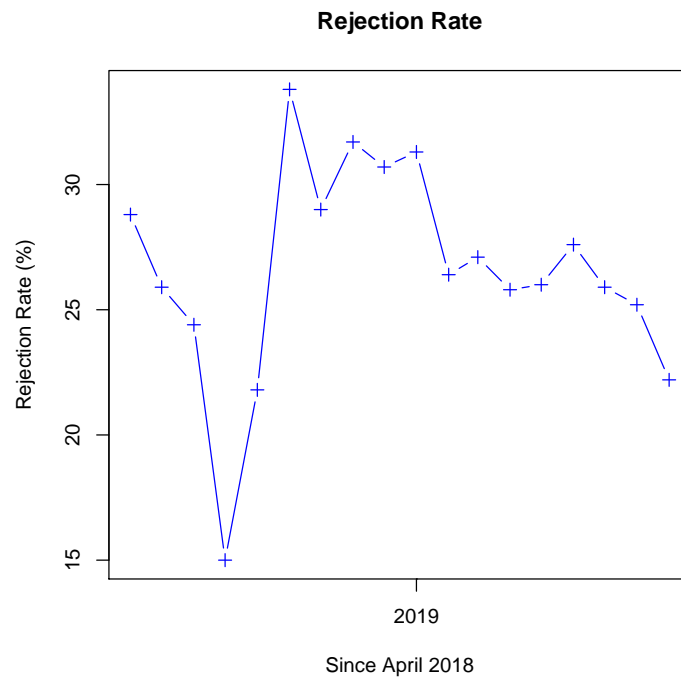
3.4 First Pass Acceptance



3.5 First Pass Acceptance with Control Lines



3.6 Rejection Rate



3.7 Rejection Rate with Control Lines

