

Homework 3 Part 2

Report

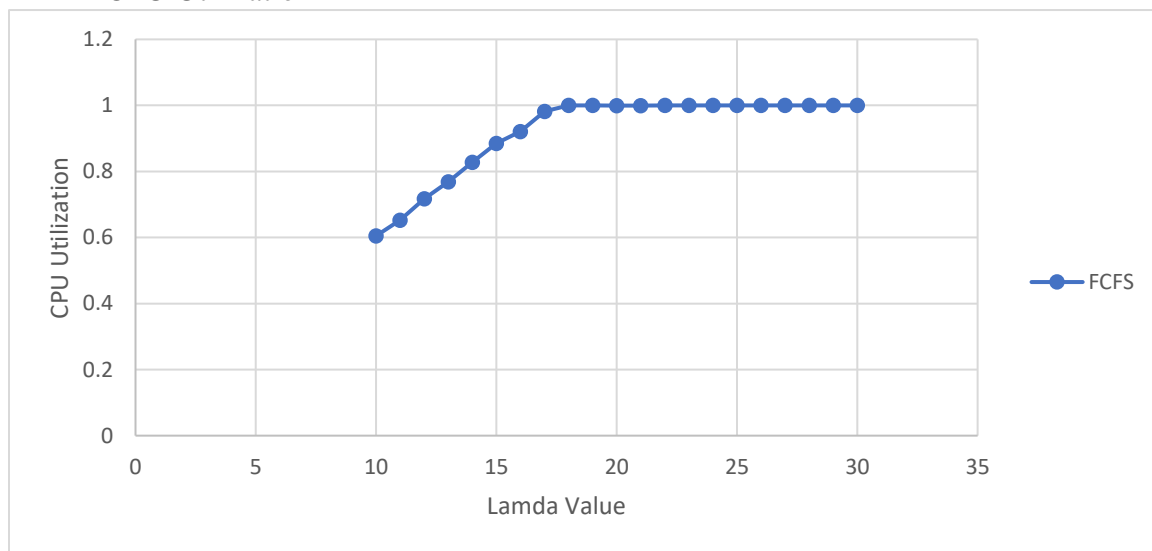
Cole Hurst

# Summary

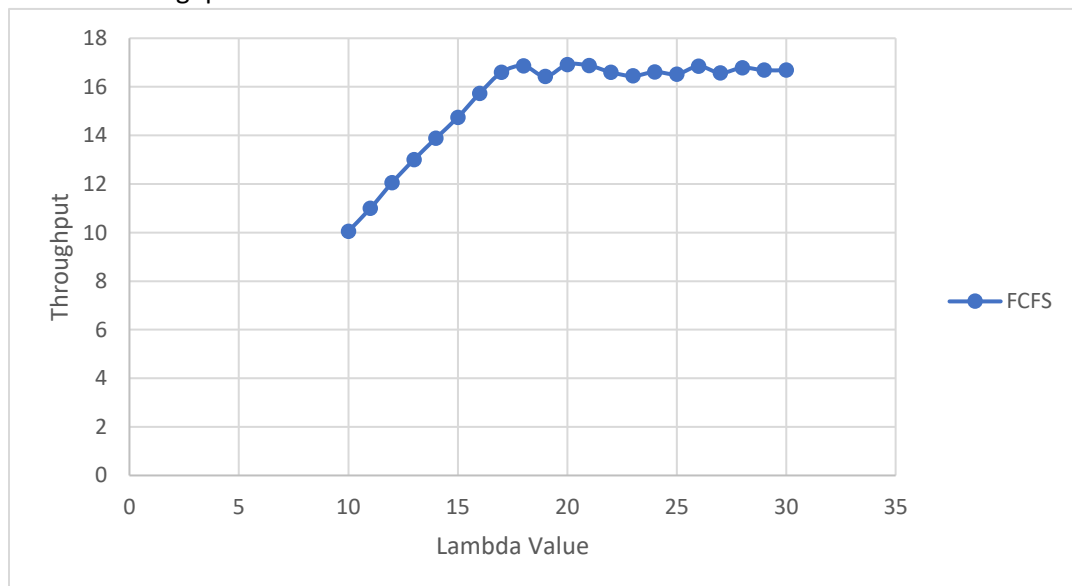
The project's purpose is to simulate the process of how various scheduling algorithms play out when imitated in a simulated environment. I decided to go with an automated approach with no interaction from the user other than simply running the program and having the program copy the results to a .txt file. Simulating various workloads, increasing processes per second while keeping average service time fixed. Based upon the data within the algorithm the following functions are called located within the code in which calculates the average data, throughput, utilization, and the number of processes in the system.

## Results

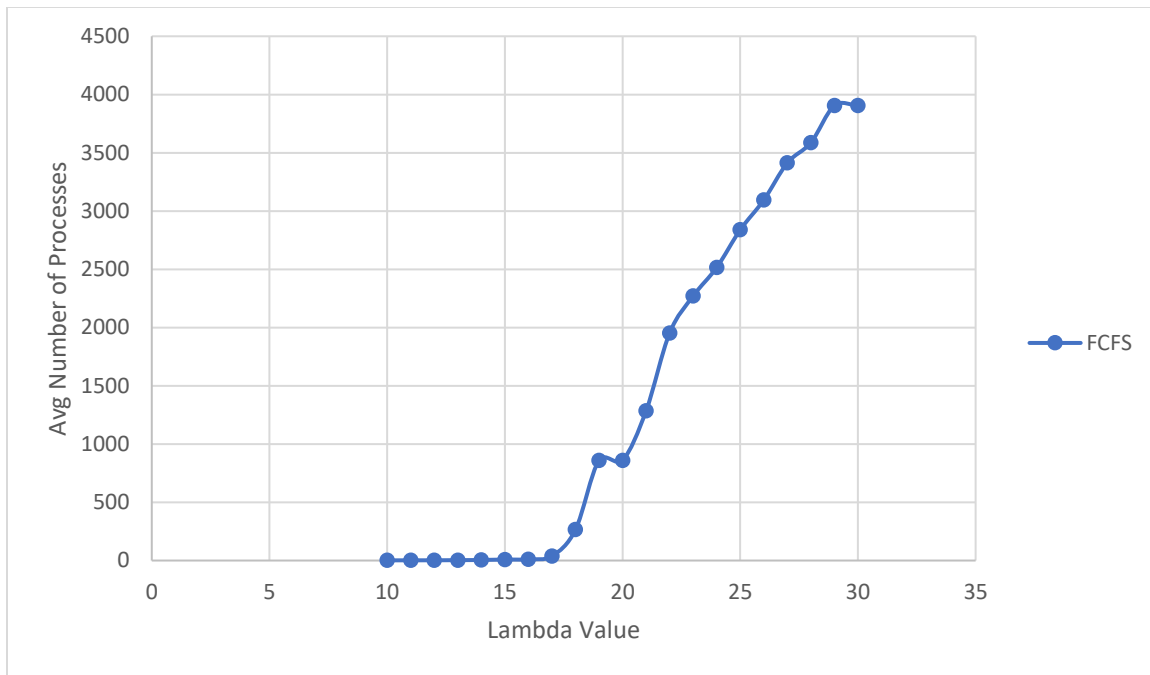
CPU Utilization



Throughput



Average Number of Processes



Average Turnaround time

