Experimental Runs

QuestQ

Initializing simulation

Let X_{ij} denote the average waiting time of a customer where the initial queue length is i, through substring j.

Run No.	SS_1	SS_2	$\cdots$	SS_n
0	$X_{0,1}$	$X_{0,2}$	$\cdots$	$X_{0,n}$
1	$X_{1,1}$	$X_{1,2}$	$\cdots$	$X_{1,n}$
2	$X_{2,1}$	$X_{2,2}$	$\cdots$	$X_{2,n}$
$\vdots$	$\cdots$	$\cdots$	$\cdots$	$\cdots$
10	$X_{10,1}$	$X_{10,2}$	$\cdots$	$X_{10,n}$

Run No.	SS_1	SS_2	$\cdots$	SS_n		$E[X_i]$
0	$X_{0,1}$	$X_{0,2}$	$\cdots$	$X_{0,n}$	$\rightarrow$	Avg_0
1	$X_{1,1}$	$X_{1,2}$	$\cdots$	$X_{1,n}$	$\rightarrow$	Avg_1
2	$X_{2,1}$	$X_{2,2}$	$\cdots$	$X_{2,n}$	$\rightarrow$	Avg_2
$\vdots$	$\cdots$	$\cdots$	$\cdots$	$\cdots$	$\vdots$	$\vdots$
10	$X_{10,1}$	$X_{10,2}$	$\cdots$	$X_{10,n}$	$\rightarrow$	$\text{Avg}_1 0$