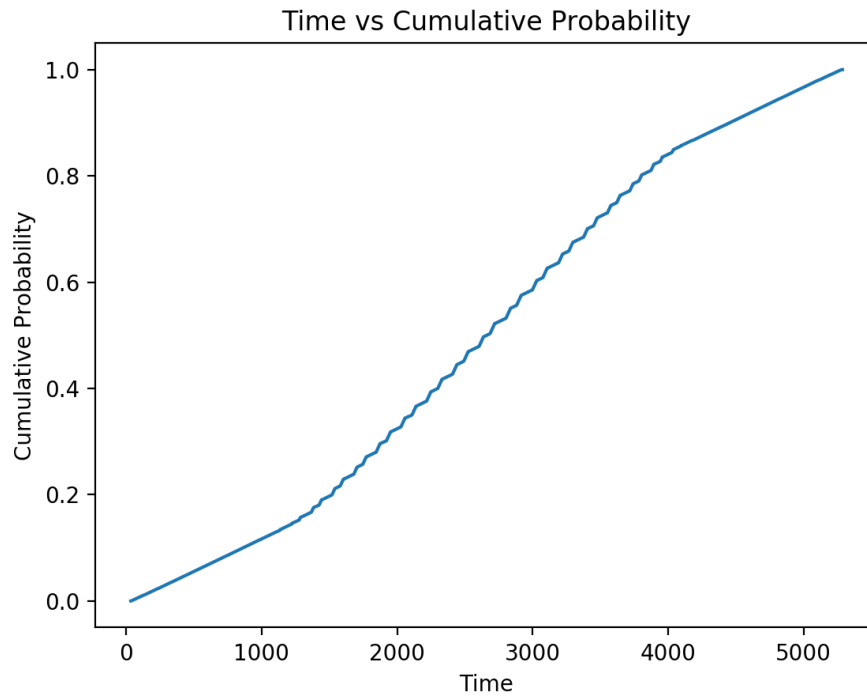


Heatmap 1:

i) Lawnmower (Regular to and fro scan)

a. coverage probability:

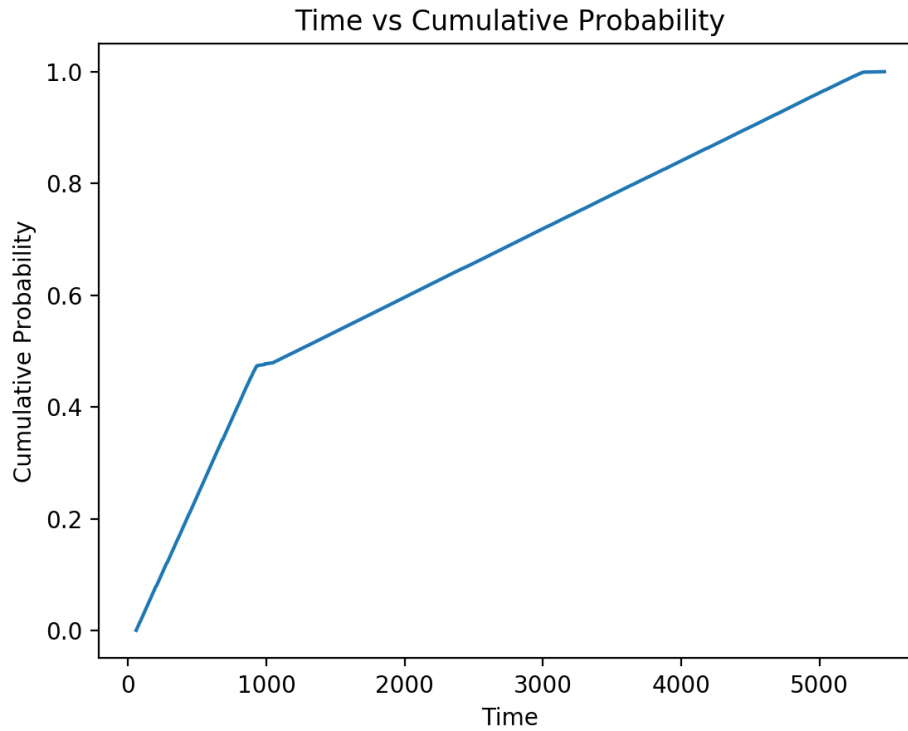


b. Efficiency LB vs time:

B	PC	T	efficiencyLB
0.0407063197	0.00755886	100	0.1856925419
0.0964684015	0.019330855	200	0.2003853565
0.1522304833	0.0312267658	300	0.2051282051
0.3195167286	0.067905824	600	0.2125266628
0.4805452292	0.104708798	900	0.2178958226

ii) **Max Probability:** (Goes to highest probability first and in case of ties, goes to nearest point)

a. Coverage probability



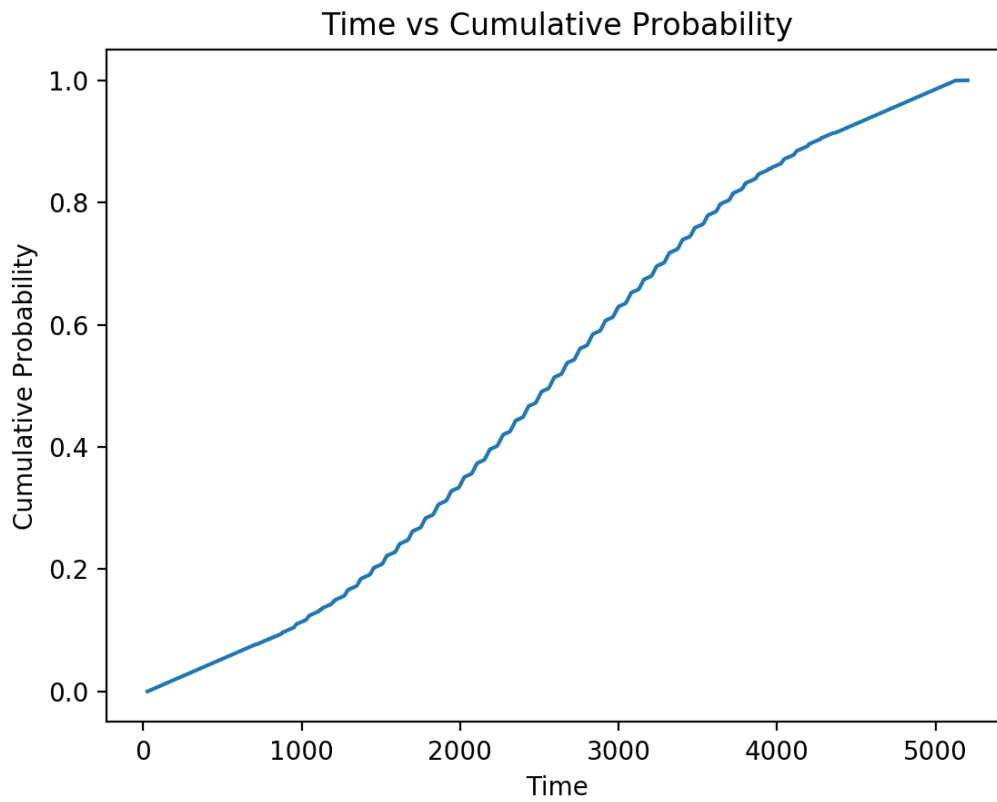
b. Efficiency LB vs time:

B	PC	T	efficiencyLB
0.0407063197	0.0228624535	100	0.5616438356
0.0964684015	0.0780669145	200	0.8092485549
0.1522304833	0.1304832714	300	0.8571428571
0.3195167286	0.2960966543	600	0.9267015707
0.4805452292	0.4589219331	900	0.9550025786

Heatmap 2:

i) Lawnmower (Regular to and fro scan)

a. coverage probability:

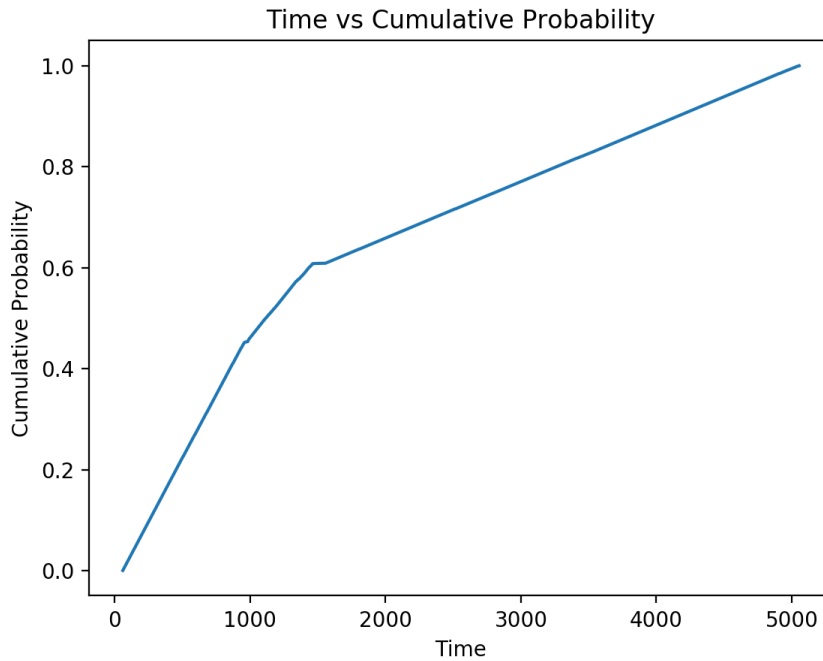


b. Efficiency LB vs time

B	PC	T	efficiencyLB
0.0370704734	0.008237883	100	0.2222222222
0.0878519438	0.0195226542	200	0.2222222222
0.1386334142	0.0308074254	300	0.2222222222
0.2909778254	0.0645488913	600	0.2218343998
0.4433222366	0.098741748	900	0.2227313224

ii) **Max Probability:** (Goes to highest probability first and in case of ties, goes to nearest point)

a. Coverage probability



b. Efficiency LB vs time:

B	PC	T	efficiencyLB
0.0370704734	0.0213282176	100	0.5753424658
0.0878519438	0.0716018733	200	0.8150289017
0.1386334142	0.1223833437	300	0.8827838828
0.2909778254	0.2737121255	600	0.9406631763
0.4433222366	0.4245330926	900	0.9576174112