#Ejec.	is_t	ss_t	bs_t	ms_t	qs_t
1	2.00E-07	2.00E-07	2.00E-07	7.00E-07	2.00E-07
2	2.00E-07	2.00E-07	2.00E-07	7.00E-07	3.00E-07
3	2.00E-07	1.00E-07	1.00E-07	5.00E-07	2.00E-07
4	2.00E-07	2.00E-07	1.00E-07	5.00E-07	1.00E-07
5	2.00E-07	1.00E-07	2.00E-07	4.00E-07	2.00E-07
6	1.00E-07	2.00E-07	2.00E-07	4.00E-07	2.00E-07
7	1.00E-07	2.00E-07	3.00E-07	5.00E-07	2.00E-07
8	1.00E-07	2.00E-07	2.00E-07	4.00E-07	1.00E-07
9	1.00E-07	2.00E-07	2.00E-07	4.00E-07	2.00E-07
10	0	1.00E-07	2.00E-07	4.00E-07	2.00E-07
11	1.00E-07	2.00E-07	1.00E-07	4.00E-07	2.00E-07
12	2.00E-07	2.00E-07	3.00E-07	7.00E-07	3.00E-07
13	2.00E-07	2.00E-07	3.00E-07	5.00E-07	2.00E-07
14	1.00E-07	2.00E-07	1.00E-07	4.00E-07	3.00E-07
15	2.00E-07	3.00E-07	1.00E-07	6.00E-07	2.00E-07
16	2.00E-07	2.00E-07	2.00E-07	4.00E-07	2.00E-07
17	2.00E-07	2.00E-07	2.00E-07	5.00E-07	2.00E-07
18	1.00E-07	2.00E-07	2.00E-07	4.00E-07	2.00E-07
19	1.00E-07	2.00E-07	2.00E-07	4.00E-07	2.00E-07
20	1.00E-07	2.00E-07	1.00E-07	3.00E-07	2.00E-07
21	1.00E-07	2.00E-07	2.00E-07	4.00E-07	2.00E-07
22	1.00E-07	2.00E-07	2.00E-07	4.00E-07	1.00E-07
23	1.00E-07	1.00E-07	2.00E-07	4.00E-07	2.00E-07
24	1.00E-07	2.00E-07	1.00E-07	5.00E-07	2.00E-07
25	1.00E-07	2.00E-07	2.00E-07	3.00E-07	2.00E-07
26	1.00E-07	2.00E-07	3.00E-07	3.00E-07	2.00E-07
27	1.00E-07	2.00E-07	2.00E-07	6.00E-07	2.00E-07
28	1.00E-07	1.00E-07	1.00E-07	4.00E-07	2.00E-07
29	1.00E-07	2.00E-07	1.00E-07	4.00E-07	2.00E-07
30	0	2.00E-07	2.00E-07	3.00E-07	3.00E-07

Desviación estándar   1.32983E-07
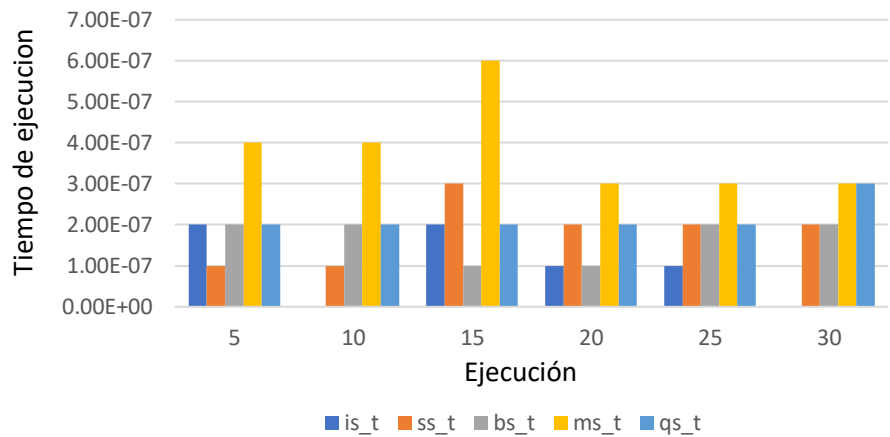Promedio   2.30E-07
n =5

Comparación de todos los algoritmos en n =5

Desviacion estándar:1.32983E-07

Promedio : 0.00000023

#Ejec.	is_t	ss_t	bs_t	ms_t	qs_t
1	4.00E-07	5.00E-07	5.00E-07	1.30E-06	5.00E-07
2	3.00E-07	4.00E-07	4.00E-07	9.00E-07	3.00E-07
3	3.00E-07	4.00E-07	5.00E-07	1.10E-06	4.00E-07
4	2.00E-07	4.00E-07	4.00E-07	8.00E-07	3.00E-07
5	2.00E-07	4.00E-07	3.00E-07	8.00E-07	4.00E-07
6	2.00E-07	3.00E-07	3.00E-07	1.10E-06	3.00E-07
7	3.00E-07	4.00E-07	4.00E-07	7.00E-07	3.00E-07
8	2.00E-07	3.00E-07	4.00E-07	6.00E-07	2.00E-07
9	1.00E-07	3.00E-07	4.00E-07	7.00E-07	3.00E-07
10	2.00E-07	3.00E-07	4.00E-07	7.00E-07	3.00E-07
11	2.00E-07	3.00E-07	3.00E-07	7.00E-07	3.00E-07
12	2.00E-07	3.00E-07	4.00E-07	7.00E-07	4.00E-07
13	2.00E-07	4.00E-07	4.00E-07	6.00E-07	3.00E-07
14	2.00E-07	3.00E-07	4.00E-07	7.00E-07	3.00E-07
15	2.00E-07	4.00E-07	4.00E-07	6.00E-07	3.00E-07
16	2.00E-07	4.00E-07	4.00E-07	6.00E-07	3.00E-07
17	2.00E-07	3.00E-07	4.00E-07	6.00E-07	3.00E-07
18	3.00E-07	6.00E-07	6.00E-07	1.40E-06	5.00E-07
19	3.00E-07	5.00E-07	5.00E-07	1.00E-06	3.00E-07
20	2.00E-07	5.00E-07	5.00E-07	1.40E-06	3.00E-07
21	3.00E-07	5.00E-07	5.00E-07	8.00E-07	3.00E-07
22	3.00E-07	4.00E-07	6.00E-07	8.00E-07	5.00E-07
23	3.00E-07	4.00E-07	4.00E-07	9.00E-07	3.00E-07
24	2.00E-07	5.00E-07	4.00E-07	9.00E-07	4.00E-07
25	2.00E-07	4.00E-07	6.00E-07	1.00E-06	3.00E-07
26	3.00E-07	4.00E-07	6.00E-07	9.00E-07	5.00E-07
27	3.00E-07	5.00E-07	5.00E-07	9.00E-07	4.00E-07
28	3.00E-07	4.00E-07	4.00E-07	8.00E-07	3.00E-07
29	3.00E-07	4.00E-07	5.00E-07	8.00E-07	5.00E-07
30	3.00E-07	4.00E-07	5.00E-07	8.00E-07	4.00E-07

Desviación estándar	2.40856E-07
Promedio	4.59E-07
n =10	

Comparacion de todos los algoritmos en n =10
Desviacion estándar: 2.408556E-07
Promedio: 0.00000023
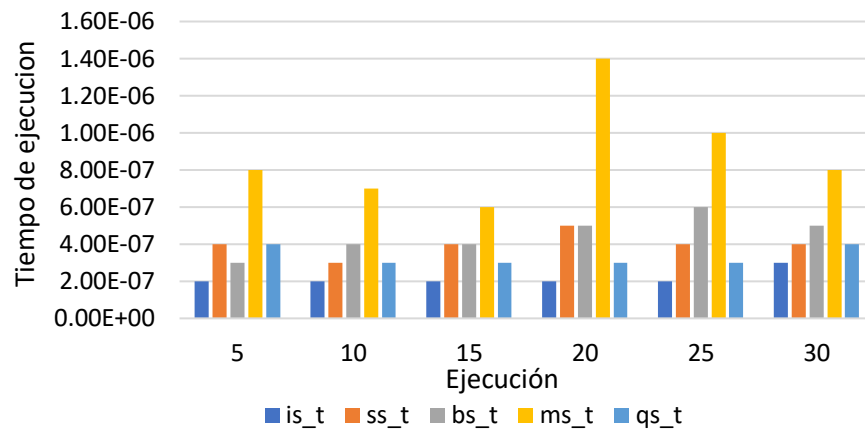
#Ejec.	is_t	ss_t	bs_t	ms_t	qs_t
1	2.30E-06	4.40E-06	8.10E-06	6.80E-06	2.20E-06
2	2.00E-06	4.20E-06	5.60E-06	5.50E-06	2.30E-06
3	1.80E-06	4.10E-06	6.20E-06	6.50E-06	2.20E-06
4	2.00E-06	4.20E-06	6.20E-06	5.00E-06	2.20E-06
5	1.90E-06	4.10E-06	5.90E-06	4.70E-06	2.00E-06
6	1.70E-06	4.30E-06	6.50E-06	4.70E-06	2.10E-06
7	2.00E-06	3.90E-06	6.70E-06	4.60E-06	2.00E-06
8	2.10E-06	4.20E-06	6.90E-06	5.10E-06	2.50E-06
9	2.00E-06	4.10E-06	6.90E-06	4.70E-06	2.30E-06
10	2.00E-06	4.00E-06	8.70E-06	6.60E-06	2.30E-06
11	2.10E-06	4.10E-06	6.00E-06	4.50E-06	2.40E-06
12	2.00E-06	4.20E-06	6.30E-06	4.40E-06	2.10E-06
13	2.00E-06	4.00E-06	6.80E-06	5.10E-06	1.90E-06
14	1.90E-06	4.10E-06	6.10E-06	4.50E-06	2.20E-06
15	2.00E-06	4.10E-06	6.50E-06	4.40E-06	2.10E-06
16	2.00E-06	4.20E-06	6.40E-06	5.10E-06	2.40E-06
17	1.80E-06	4.20E-06	6.30E-06	4.70E-06	2.30E-06
18	2.10E-06	4.30E-06	7.10E-06	4.40E-06	2.20E-06
19	2.10E-06	4.10E-06	5.60E-06	4.20E-06	2.20E-06
20	2.10E-06	4.10E-06	6.80E-06	4.30E-06	2.20E-06
21	1.80E-06	4.10E-06	7.00E-06	4.40E-06	2.20E-06
22	2.10E-06	5.80E-06	8.30E-06	4.40E-06	2.10E-06
23	1.80E-06	4.20E-06	7.20E-06	4.30E-06	2.30E-06
24	1.80E-06	4.10E-06	7.30E-06	4.40E-06	2.20E-06
25	2.20E-06	3.90E-06	6.90E-06	4.30E-06	2.10E-06
26	1.80E-06	4.00E-06	6.70E-06	4.40E-06	2.10E-06
27	1.90E-06	4.00E-06	8.60E-06	4.40E-06	2.40E-06
28	2.00E-06	4.00E-06	7.30E-06	4.40E-06	2.00E-06
29	2.20E-06	4.20E-06	8.30E-06	4.30E-06	2.10E-06
30	1.70E-06	4.10E-06	6.40E-06	4.30E-06	2.00E-06

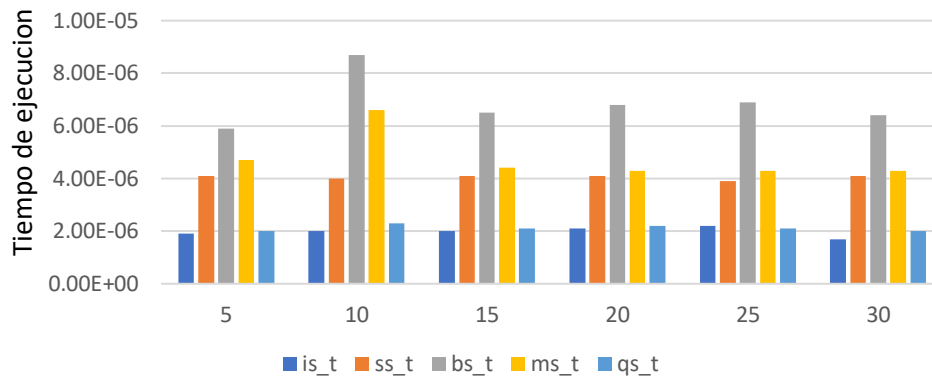Desviación estandár   1.87564E-06

Promedio   3.99E-06

n =50

Comparacion de todos los algoritmos en n =50
Desviacion estándar: 1.87564E-06
Promedio: 0.000003994

#Ejec.	is_t	ss_t	bs_t	ms_t	qs_t
1	6.70E-06	1.54E-05	2.25E-05	1.28E-05	5.30E-06
2	6.90E-06	1.34E-05	2.12E-05	1.06E-05	5.10E-06
3	6.70E-06	1.37E-05	2.47E-05	1.28E-05	5.00E-06
4	6.90E-06	1.38E-05	2.29E-05	1.10E-05	5.20E-06
5	6.60E-06	1.37E-05	2.19E-05	9.60E-06	5.00E-06
6	5.70E-06	1.37E-05	2.72E-05	9.80E-06	4.80E-06
7	7.10E-06	1.33E-05	2.34E-05	9.40E-06	4.50E-06
8	6.40E-06	1.48E-05	2.41E-05	9.80E-06	4.90E-06
9	6.70E-06	1.34E-05	2.21E-05	1.02E-05	4.80E-06
10	7.30E-06	1.34E-05	2.10E-05	1.37E-05	4.70E-06
11	6.80E-06	1.36E-05	2.16E-05	1.23E-05	6.90E-06
12	6.40E-06	1.35E-05	2.46E-05	9.40E-06	4.90E-06
13	5.80E-06	1.31E-05	2.39E-05	1.16E-05	4.80E-06
14	6.10E-06	1.35E-05	2.19E-05	9.40E-06	5.00E-06
15	6.10E-06	1.33E-05	2.39E-05	9.30E-06	4.60E-06
16	6.30E-06	1.36E-05	2.43E-05	9.20E-06	5.00E-06
17	6.20E-06	1.33E-05	2.10E-05	9.50E-06	4.70E-06
18	7.40E-06	1.47E-05	2.32E-05	9.60E-06	4.50E-06
19	6.90E-06	1.34E-05	2.45E-05	1.18E-05	5.20E-06
20	6.60E-06	1.32E-05	2.39E-05	9.60E-06	4.70E-06
21	6.70E-06	1.36E-05	2.33E-05	9.20E-06	4.90E-06
22	6.70E-06	1.32E-05	2.23E-05	9.20E-06	4.70E-06
23	6.20E-06	1.34E-05	2.31E-05	9.20E-06	4.80E-06
24	6.40E-06	1.35E-05	2.42E-05	1.17E-05	4.70E-06
25	6.30E-06	1.34E-05	2.32E-05	9.20E-06	4.80E-06
26	6.90E-06	1.59E-05	2.35E-05	9.40E-06	4.80E-06
27	6.40E-06	1.33E-05	2.29E-05	9.40E-06	4.90E-06
28	6.30E-06	1.33E-05	2.34E-05	9.20E-06	4.70E-06
29	5.80E-06	1.35E-05	2.30E-05	9.20E-06	4.70E-06
30	6.50E-06	1.35E-05	2.31E-05	9.10E-06	4.80E-06

Desviación estandár   6.58218E-06

Promedio   1.17E-05

n =100

Comparacion de todos los algoritmos en n =100
Desviacion estándar: 6.5822E-06
Promedio:1.17E-05
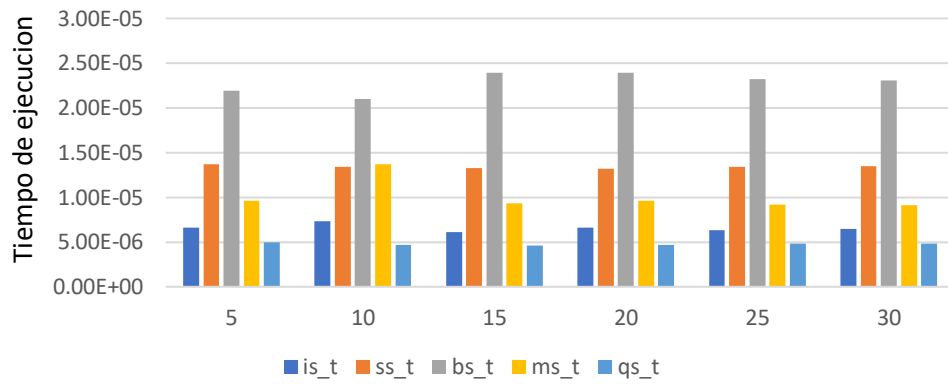
#Ejec.	is_t	ss_t	bs_t	ms_t	qs_t
1	1.78E-04	2.63E-04	4.41E-04	6.56E-05	3.29E-05
2	1.43E-04	2.64E-04	4.16E-04	5.80E-05	3.40E-05
3	1.30E-04	2.63E-04	4.42E-04	8.40E-05	3.50E-05
4	1.45E-04	2.62E-04	4.19E-04	5.80E-05	3.14E-05
5	1.45E-04	2.62E-04	4.54E-04	6.27E-05	3.47E-05
6	1.48E-04	2.66E-04	4.27E-04	5.70E-05	3.19E-05
7	1.41E-04	2.64E-04	4.19E-04	5.69E-05	3.34E-05
8	1.37E-04	2.57E-04	4.62E-04	6.37E-05	3.08E-05
9	1.37E-04	2.61E-04	4.20E-04	5.81E-05	3.24E-05
10	1.32E-04	2.60E-04	4.12E-04	5.75E-05	3.24E-05
11	1.38E-04	2.62E-04	4.90E-04	6.23E-05	3.48E-05
12	1.36E-04	2.65E-04	4.43E-04	5.71E-05	3.13E-05
13	1.41E-04	2.64E-04	4.25E-04	5.65E-05	3.14E-05
14	1.42E-04	2.63E-04	4.46E-04	5.74E-05	3.29E-05
15	1.48E-04	2.64E-04	4.34E-04	5.76E-05	3.22E-05
16	1.63E-04	2.62E-04	4.12E-04	5.80E-05	3.31E-05
17	1.40E-04	2.67E-04	4.22E-04	5.72E-05	3.11E-05
18	1.40E-04	2.68E-04	4.34E-04	5.77E-05	3.23E-05
19	1.25E-04	2.64E-04	4.30E-04	5.83E-05	3.16E-05
20	1.46E-04	2.62E-04	4.45E-04	5.82E-05	3.15E-05
21	1.43E-04	2.54E-04	5.21E-04	7.99E-05	3.56E-05
22	1.58E-04	3.14E-04	5.54E-04	7.86E-05	3.44E-05
23	1.56E-04	2.58E-04	5.22E-04	7.51E-05	3.52E-05
24	1.53E-04	2.60E-04	5.77E-04	7.83E-05	3.53E-05
25	1.61E-04	2.66E-04	5.53E-04	8.52E-05	4.01E-05
26	1.65E-04	2.71E-04	5.61E-04	8.46E-05	3.66E-05
27	1.61E-04	2.69E-04	5.33E-04	5.88E-05	3.07E-05
28	1.41E-04	2.65E-04	4.42E-04	5.82E-05	3.30E-05
29	1.43E-04	2.68E-04	4.35E-04	5.86E-05	3.27E-05
30	1.37E-04	2.70E-04	4.27E-04	5.83E-05	3.18E-05

Desviación estandár	0.000158057
Promedio	1.94E-04
n =500	

Comparacion de todos los algoritmos en n =500
Desviacion estándar:0.000158057
Promedio:1.94E-04

Tiempo de ejecucion

Y-axis: 6.00E-04, 5.00E-04, 4.00E-04, 3.00E-04, 2.00E-04, 1.00E-04, 0.00E+00

X-axis: 5, 10, 15, 20, 25, 30

Legend: is_t, ss_t, bs_t, ms_t, qs_t
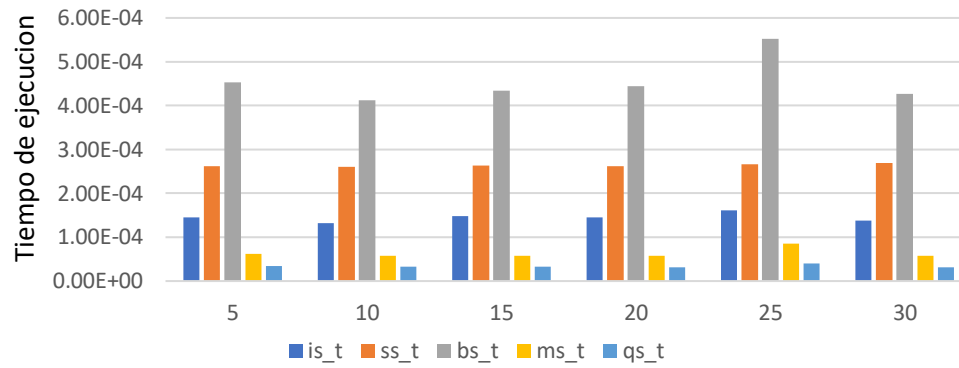
#Ejec.	is_t	ss_t	bs_t	ms_t	qs_t
1	6.92E-04	1.03E-03	1.61E-03	1.32E-04	6.92E-05
2	5.44E-04	1.00E-03	1.57E-03	1.20E-04	6.83E-05
3	5.24E-04	9.92E-04	1.61E-03	1.19E-04	7.10E-05
4	5.37E-04	9.90E-04	1.62E-03	1.23E-04	6.98E-05
5	5.34E-04	1.01E-03	1.60E-03	1.22E-04	7.02E-05
6	5.43E-04	1.00E-03	1.60E-03	1.21E-04	7.64E-05
7	5.50E-04	9.95E-04	1.63E-03	1.21E-04	7.48E-05
8	5.40E-04	9.99E-04	1.62E-03	1.20E-04	7.08E-05
9	5.33E-04	1.00E-03	1.66E-03	1.21E-04	7.28E-05
10	5.51E-04	1.00E-03	1.63E-03	1.21E-04	6.82E-05
11	5.41E-04	1.00E-03	1.61E-03	1.20E-04	7.00E-05
12	5.61E-04	1.00E-03	1.64E-03	1.22E-04	7.10E-05
13	5.39E-04	1.00E-03	1.61E-03	1.21E-04	7.21E-05
14	5.28E-04	1.01E-03	1.60E-03	1.23E-04	7.14E-05
15	5.45E-04	1.01E-03	1.63E-03	1.21E-04	7.03E-05
16	5.63E-04	1.00E-03	1.59E-03	1.21E-04	7.12E-05
17	5.23E-04	1.00E-03	1.58E-03	1.14E-04	6.54E-05
18	5.24E-04	9.54E-04	1.56E-03	1.16E-04	6.65E-05
19	5.25E-04	9.86E-04	1.65E-03	1.21E-04	6.94E-05
20	5.28E-04	9.55E-04	1.53E-03	1.15E-04	6.90E-05
21	5.31E-04	9.54E-04	1.58E-03	1.22E-04	6.96E-05
22	5.40E-04	1.01E-03	1.65E-03	1.15E-04	6.84E-05
23	5.23E-04	9.54E-04	1.54E-03	1.21E-04	7.06E-05
24	5.29E-04	9.90E-04	1.65E-03	1.23E-04	6.98E-05
25	5.47E-04	1.01E-03	1.65E-03	1.22E-04	7.07E-05
26	5.58E-04	1.01E-03	1.62E-03	1.22E-04	8.31E-05
27	5.41E-04	1.00E-03	1.60E-03	1.22E-04	6.86E-05
28	5.48E-04	1.00E-03	1.64E-03	1.22E-04	6.86E-05
29	5.34E-04	1.01E-03	1.65E-03	1.22E-04	7.02E-05
30	5.48E-04	1.01E-03	1.61E-03	1.24E-04	6.98E-05

Desviación estandár   0.00058028
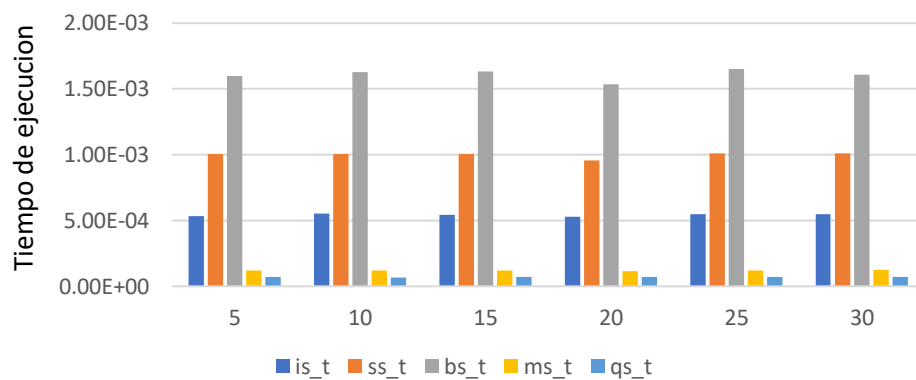Promedio   6.69E-04
n =10^3

Comparacion de todos los algoritmos en n =10^3
Desviacion estándar: 0.00058028
Promedio: 6.69E-04

#Ejec.	is_t	ss_t	bs_t	ms_t	qs_t
1	1.31E-02	2.30E-02	3.87E-02	7.22E-04	4.44E-04
2	2.26E-02	2.37E-02	3.86E-02	7.15E-04	4.10E-04
3	1.30E-02	2.27E-02	3.92E-02	7.09E-04	4.42E-04
4	1.32E-02	2.27E-02	4.32E-02	6.94E-04	4.37E-04
5	1.29E-02	2.31E-02	3.90E-02	7.23E-04	4.48E-04
6	1.80E-02	2.28E-02	3.78E-02	6.79E-04	4.15E-04
7	1.32E-02	2.29E-02	3.83E-02	7.48E-04	4.47E-04
8	1.35E-02	2.39E-02	3.86E-02	7.14E-04	4.35E-04
9	1.75E-02	2.25E-02	3.90E-02	7.19E-04	4.39E-04
10	1.35E-02	2.32E-02	3.81E-02	7.22E-04	4.38E-04
11	1.34E-02	2.31E-02	4.00E-02	7.28E-04	4.31E-04
12	2.30E-02	2.34E-02	4.44E-02	7.16E-04	4.40E-04
13	1.35E-02	2.35E-02	3.94E-02	7.56E-04	4.81E-04
14	1.33E-02	2.30E-02	3.84E-02	7.16E-04	4.35E-04
15	2.16E-02	2.28E-02	4.20E-02	8.97E-04	4.37E-04
16	1.32E-02	2.28E-02	3.89E-02	6.97E-04	4.09E-04
17	1.32E-02	2.31E-02	3.73E-02	6.64E-04	4.15E-04
18	1.28E-02	2.37E-02	4.49E-02	7.10E-04	4.53E-04
19	2.26E-02	2.32E-02	3.87E-02	7.09E-04	4.60E-04
20	1.32E-02	2.31E-02	3.92E-02	7.22E-04	4.35E-04
21	1.38E-02	2.35E-02	3.88E-02	7.00E-04	4.31E-04
22	1.34E-02	2.34E-02	4.43E-02	6.80E-04	4.06E-04
23	2.54E-02	2.33E-02	3.92E-02	7.33E-04	4.30E-04
24	1.34E-02	2.36E-02	3.90E-02	7.23E-04	4.39E-04
25	1.34E-02	2.33E-02	3.92E-02	7.18E-04	4.35E-04
26	1.36E-02	2.34E-02	3.84E-02	7.13E-04	4.21E-04
27	1.34E-02	2.35E-02	3.96E-02	7.09E-04	4.29E-04
28	1.35E-02	2.32E-02	3.91E-02	6.63E-04	4.18E-04
29	1.81E-02	2.24E-02	3.91E-02	7.17E-04	4.43E-04
30	1.35E-02	2.32E-02	3.90E-02	7.02E-04	4.26E-04

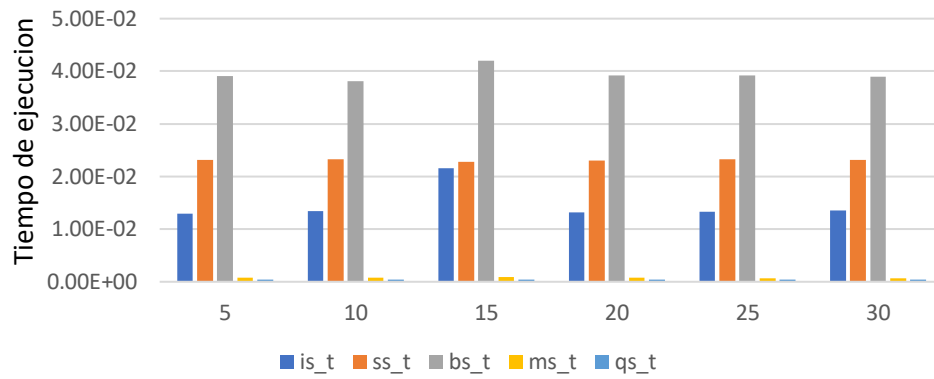Desviación estandár   0.014913259
Promedio   1.59E-02
n =5x10^3

Comparacion de todos los algoritmos en n =5x10^3
## Desviacion estándar: 0.01491326
Promedio: 1.59E-02

#Ejec.	is_t	ss_t	bs_t	ms_t	qs_t
1	6.34E-02	9.59E-02	1.81E-01	1.56E-03	9.77E-04
2	5.35E-02	9.31E-02	1.59E-01	1.52E-03	9.65E-04
3	5.45E-02	9.37E-02	1.59E-01	1.53E-03	9.70E-04
4	9.00E-02	9.91E-02	1.78E-01	1.57E-03	9.65E-04
5	8.54E-02	9.42E-02	1.62E-01	1.55E-03	9.76E-04
6	8.99E-02	9.53E-02	1.79E-01	1.56E-03	9.62E-04
7	7.93E-02	9.41E-02	1.60E-01	1.50E-03	9.52E-04
8	5.45E-02	9.35E-02	1.81E-01	1.53E-03	9.50E-04
9	9.23E-02	9.50E-02	1.67E-01	1.52E-03	9.40E-04
10	7.30E-02	9.35E-02	1.76E-01	1.53E-03	9.89E-04
11	9.20E-02	9.50E-02	1.61E-01	1.52E-03	9.63E-04
12	5.44E-02	9.39E-02	1.79E-01	1.54E-03	9.66E-04
13	9.37E-02	9.32E-02	1.60E-01	1.50E-03	9.38E-04
14	5.38E-02	9.32E-02	1.79E-01	1.54E-03	9.69E-04
15	7.28E-02	9.37E-02	1.77E-01	1.54E-03	9.63E-04
16	9.23E-02	9.36E-02	1.79E-01	1.53E-03	9.47E-04
17	5.44E-02	9.41E-02	1.60E-01	1.52E-03	9.74E-04
18	5.48E-02	9.37E-02	1.79E-01	1.53E-03	9.97E-04
19	9.64E-02	9.45E-02	1.79E-01	1.54E-03	9.93E-04
20	7.44E-02	9.91E-02	1.66E-01	1.52E-03	9.75E-04
21	5.58E-02	9.38E-02	1.61E-01	1.53E-03	9.63E-04
22	6.47E-02	9.35E-02	1.79E-01	1.56E-03	9.47E-04
23	6.48E-02	9.34E-02	1.80E-01	1.55E-03	9.81E-04
24	8.49E-02	9.55E-02	1.62E-01	1.52E-03	9.58E-04
25	5.48E-02	9.42E-02	1.60E-01	1.53E-03	9.91E-04
26	5.48E-02	9.49E-02	1.59E-01	1.52E-03	9.53E-04
27	9.12E-02	9.34E-02	1.69E-01	1.53E-03	1.01E-03
28	8.80E-02	9.32E-02	1.59E-01	1.50E-03	9.50E-04
29	5.43E-02	9.37E-02	1.60E-01	1.52E-03	9.49E-04
30	5.43E-02	9.45E-02	1.61E-01	1.53E-03	9.68E-04

Desviación estandár   0.063717995
Promedio   6.75E-02
n =10^4

Comparacion de todos los algoritmos en n =10^4
Desviacion estándar: 0.06371799
Promedio: 6.75E-02
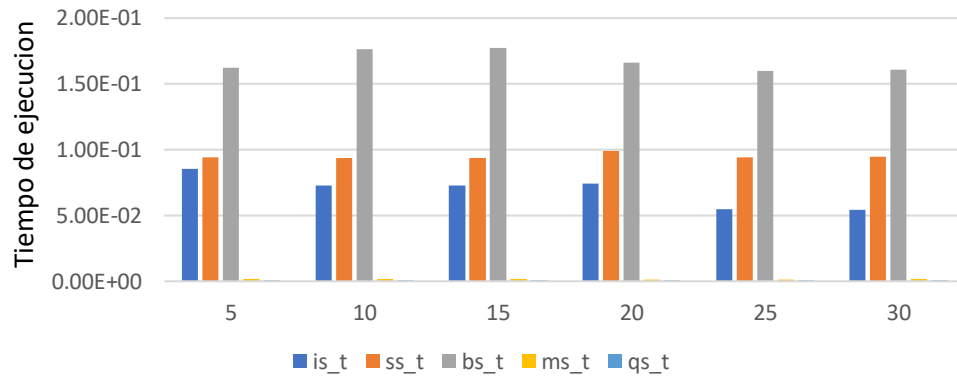
#Ejec.	is_t	ss_t	bs_t	ms_t	qs_t
1	1.87E+00	2.37E+00	7.14E+00	8.71E-03	5.68E-03
2	1.81E+00	2.36E+00	6.80E+00	8.99E-03	5.83E-03
3	1.85E+00	2.35E+00	7.27E+00	9.47E-03	5.82E-03
4	1.90E+00	2.37E+00	7.23E+00	9.00E-03	5.75E-03
5	1.88E+00	2.36E+00	6.86E+00	8.75E-03	5.82E-03
6	1.89E+00	2.41E+00	6.82E+00	8.94E-03	5.66E-03
7	1.89E+00	2.41E+00	6.89E+00	8.93E-03	5.77E-03
8	1.87E+00	2.37E+00	6.88E+00	8.92E-03	5.65E-03
9	1.88E+00	2.38E+00	6.80E+00	8.86E-03	5.64E-03
10	1.91E+00	2.38E+00	6.99E+00	8.73E-03	5.51E-03
11	1.93E+00	2.37E+00	6.97E+00	8.84E-03	5.63E-03
12	1.93E+00	2.37E+00	6.91E+00	8.82E-03	5.61E-03
13	2.03E+00	2.37E+00	6.91E+00	8.83E-03	5.66E-03
14	2.06E+00	2.38E+00	6.89E+00	8.58E-03	5.61E-03
15	1.95E+00	2.40E+00	6.91E+00	8.83E-03	5.80E-03
16	1.84E+00	2.36E+00	6.91E+00	8.81E-03	5.84E-03
17	1.84E+00	2.38E+00	6.95E+00	8.82E-03	5.86E-03
18	1.86E+00	2.41E+00	6.96E+00	8.78E-03	5.81E-03
19	1.85E+00	2.43E+00	6.97E+00	9.04E-03	5.80E-03
20	1.85E+00	2.39E+00	6.86E+00	8.52E-03	5.75E-03
21	1.81E+00	2.37E+00	6.88E+00	8.97E-03	5.69E-03
22	1.80E+00	2.39E+00	6.90E+00	8.78E-03	5.67E-03
23	1.83E+00	2.38E+00	6.96E+00	8.90E-03	5.69E-03
24	1.84E+00	2.38E+00	6.90E+00	8.79E-03	5.64E-03
25	1.79E+00	2.40E+00	6.86E+00	8.69E-03	5.56E-03
26	1.84E+00	2.37E+00	6.89E+00	8.75E-03	5.60E-03
27	1.84E+00	2.39E+00	6.83E+00	8.48E-03	5.59E-03
28	1.86E+00	2.40E+00	6.86E+00	8.81E-03	5.62E-03
29	1.82E+00	2.36E+00	6.87E+00	9.16E-03	5.70E-03
30	1.82E+00	2.37E+00	6.90E+00	8.80E-03	5.58E-03

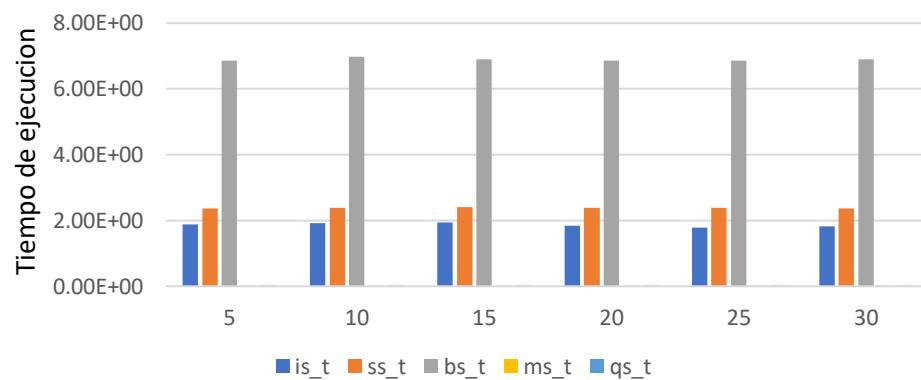Desviación estandár   2.542291923

Promedio   2.24E+00

$n = 5 \times 10^4$

Comparacion de todos los algoritmos en n =5x10^4
Desviacion estándar:2.542291923
Promedio:2.24E+00

#Ejec.	is_t	ss_t	bs_t	ms_t	qs_t
1	7.86E+00	9.36E+00	2.95E+01	1.88E-02	1.15E-02
2	8.16E+00	9.51E+00	2.97E+01	1.91E-02	1.18E-02
3	8.25E+00	9.49E+00	2.96E+01	1.80E-02	1.15E-02
4	8.21E+00	9.45E+00	2.95E+01	1.85E-02	1.18E-02
5	7.65E+00	9.43E+00	2.97E+01	1.81E-02	1.17E-02
6	7.70E+00	9.44E+00	2.95E+01	1.87E-02	1.16E-02
7	7.71E+00	9.52E+00	2.96E+01	1.87E-02	1.19E-02
8	7.63E+00	9.46E+00	2.96E+01	1.89E-02	1.21E-02
9	7.74E+00	9.55E+00	2.97E+01	1.91E-02	1.19E-02
10	8.22E+00	9.47E+00	2.96E+01	1.86E-02	1.16E-02
11	8.40E+00	9.54E+00	2.97E+01	1.81E-02	1.19E-02
12	8.37E+00	9.41E+00	2.97E+01	1.83E-02	1.19E-02
13	8.22E+00	9.51E+00	2.99E+01	1.83E-02	1.16E-02
14	7.74E+00	9.52E+00	2.97E+01	1.80E-02	1.14E-02
15	8.20E+00	9.44E+00	2.96E+01	1.82E-02	1.18E-02
16	7.66E+00	9.46E+00	2.95E+01	1.87E-02	1.20E-02
17	7.68E+00	9.49E+00	2.98E+01	1.90E-02	1.19E-02
18	7.41E+00	9.52E+00	3.01E+01	1.87E-02	1.17E-02
19	7.39E+00	9.53E+00	3.02E+01	1.87E-02	1.16E-02
20	7.86E+00	9.50E+00	3.00E+01	1.85E-02	1.18E-02
21	7.89E+00	9.49E+00	3.00E+01	1.96E-02	1.19E-02
22	7.90E+00	9.51E+00	2.98E+01	1.86E-02	1.19E-02
23	7.99E+00	9.57E+00	2.98E+01	1.92E-02	1.19E-02
24	8.07E+00	9.50E+00	2.98E+01	1.87E-02	1.19E-02
25	8.10E+00	9.52E+00	2.99E+01	1.86E-02	1.21E-02
26	7.69E+00	9.59E+00	2.99E+01	1.87E-02	1.22E-02
27	8.35E+00	9.47E+00	2.96E+01	1.87E-02	1.18E-02
28	8.33E+00	9.48E+00	2.96E+01	1.82E-02	1.21E-02
29	7.89E+00	9.45E+00	2.95E+01	1.85E-02	1.17E-02
30	7.69E+00	9.56E+00	3.00E+01	1.85E-02	1.19E-02

Desviación estandár   10.91426558
Promedio   9.44E+00
n =10^5

Comparacion de todos los algoritmos en n =10^5
Desviacion estándar:10.91426558
Promedio:9.44E+00
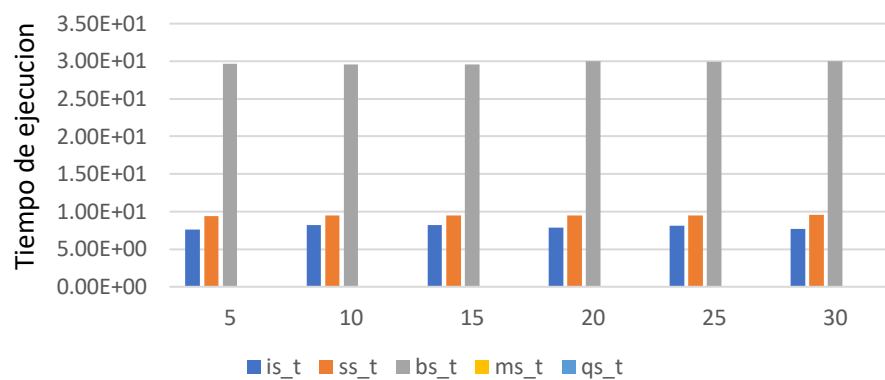
#Ejec.	is_t	ss_t	bs_t	ms_t	qs_t
1	2.00E+02	2.35E+02	7.93E+02	1.08E-01	6.51E-02
2	2.04E+02	2.38E+02	8.02E+02	1.05E-01	6.78E-02
3	1.98E+02	2.50E+02	8.71E+02	1.05E-01	6.45E-02
4	2.02E+02	2.37E+02	7.91E+02	1.04E-01	6.39E-02
5	2.02E+02	2.41E+02	7.98E+02	1.03E-01	6.47E-02
6	1.97E+02	2.39E+02	7.94E+02	1.02E-01	6.31E-02
7	2.05E+02	2.39E+02	8.03E+02	1.06E-01	6.57E-02
8	2.00E+02	2.39E+02	8.57E+02	1.11E-01	7.12E-02
9	2.09E+02	2.79E+02	8.88E+02	1.42E-01	7.69E-02
10	1.99E+02	2.49E+02	8.21E+02	1.12E-01	6.85E-02
11	2.09E+02	2.49E+02	8.13E+02	1.07E-01	6.67E-02
12	1.97E+02	2.46E+02	7.98E+02	1.05E-01	6.26E-02
13	2.03E+02	2.35E+02	7.93E+02	1.02E-01	6.37E-02
14	2.05E+02	2.37E+02	7.87E+02	1.08E-01	6.49E-02
15	2.00E+02	2.39E+02	7.99E+02	1.03E-01	6.36E-02
16	2.01E+02	2.38E+02	7.90E+02	9.91E-02	6.22E-02
17	1.99E+02	2.29E+02	7.72E+02	1.02E-01	6.29E-02
18	2.00E+02	2.29E+02	7.77E+02	1.04E-01	6.32E-02
19	2.03E+02	2.33E+02	7.97E+02	1.09E-01	6.66E-02
20	2.07E+02	2.39E+02	7.99E+02	1.02E-01	6.52E-02
21	2.04E+02	2.40E+02	8.15E+02	1.29E-01	7.60E-02

Desviación estandár   297.7328094
Promedio   2.50E+02
n =5x10^5

Comparacion de todos los algoritmos en n =5x10^5
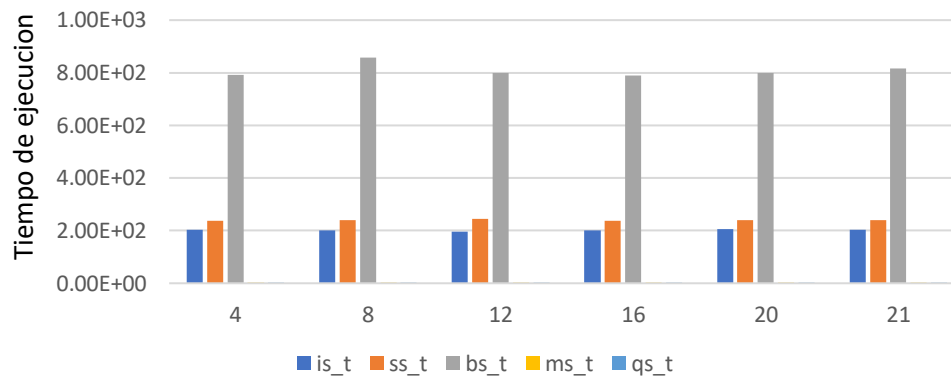Desviacion estándar:297.732809
Promedio:2.50E+02

is_t   ss_t   bs_t   ms_t   qs_t

Tabla general de lod tiepos en n		
n	Desviación estandar	Promedio
5	1.32983E-07	0.00000023
10	2.40856E-07	4.58667E-07
50	1.87564E-06	0.000003994
100	6.58218E-06	0.000011704
500	0.000158057	0.000193706
10^3	0.00058028	0.000668809
5x10^3	0.014913259	0.015872452
10^4	0.063717995	0.067461135
5x10^4	2.542291923	2.238571486
10^5	10.91426558	9.436392815