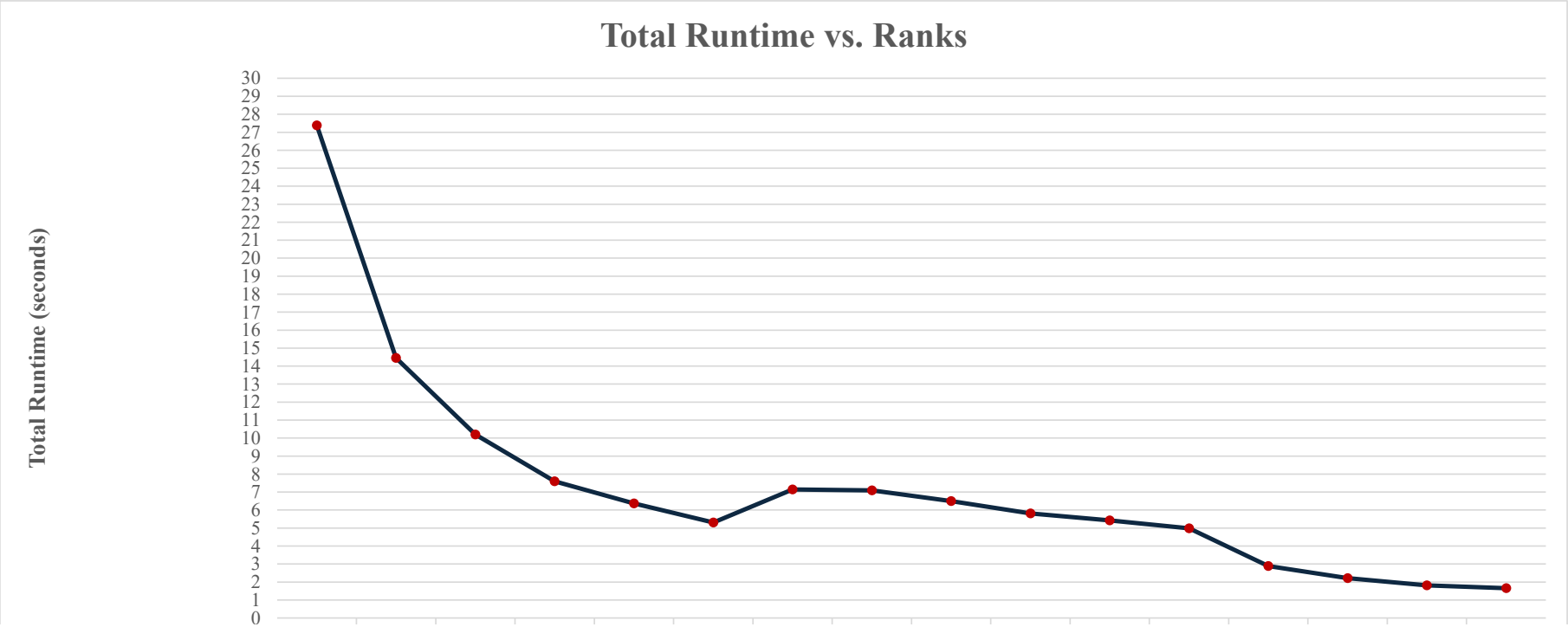


Number of Ranks	Total Runtime (seconds)	Number of Ranks	Communication Time (seconds)					
1	27.388	1	0.173					
2	14.452	2	0.187	14.369	14.535	0.213	0.161	
3	10.197	3	0.1935	10.194	10.2	0.201	0.186	
4	7.5965	4	0.193	7.595	7.598	0.192	0.194	
5	6.364	5	0.187	6.344	6.384	0.19	0.184	
6	5.3135	6	0.1885	5.258	5.369	0.187	0.19	
7	7.14	7	2.7415	7.724	6.556	2.108	3.375	
8	7.0925	8	1.5785	7.375	6.81	2.973	0.184	
9	6.496	9	0.224	6.542	6.45	0.248	0.2	
10	5.8135	10	0.1965	5.685	5.942	0.2	0.193	
11	5.4245	11	0.3415	5.442	5.407	0.353	0.33	
12	4.982	12	0.261	4.992	4.972	0.259	0.263	
24	2.8855	24	0.3425	2.974	2.797	0.267	0.418	
36	2.2115	36	0.3395	2.187	2.236	0.374	0.305	
48	1.8075	48	0.3555	1.835	1.78	0.328	0.383	
60	1.656	60	0.397	1.605	1.707	0.462	0.332	



	1	2	3	4	5	6	7	8	9	10	11	12	24	36	48	60
● Total Runtime (seconds)	27.388	14.452	10.197	7.5965	6.364	5.3135	7.14	7.0925	6.496	5.8135	5.4245	4.982	2.8855	2.2115	1.8075	1.656
Number of Ranks																

