Matrix Size	Processors	Bcast Time (s)	Scatter Time (s)	Calculate Time (s)	Gather Time (s)
20000 x 20000	1	0.000001926	0.609948102	1.449364034	4.38583E-05
20000 x 20000	2	0.002535612	1.045186136	0.733203965	0.01812295
20000 x 20000	4	0.007852046	1.272545635	0.374653155	0.003090761
20000 x 20000	6	0.012901161	1.346084966	0.251283103	0.00086779
20000 x 20000	8	0.009848861	1.399552761	0.193931954	0.001140211
20000 x 20000	10	0.013437906	1.423186587	0.150766544	0.002736421

20000 x 20000 -> Process vs Bcast Time (s)

20000 x 20000 -> Process vs Scatter Time (s)

20000 x 20000 -> Process vs Calculate Time (s)

20000 x 20000 -> Process vs Gather Time (s)