

## Results

MPI Weak Scaling	{MPI Proc, OMP_threads}	{MPI Proc, OMP_threads}	{MPI Proc, OMP_threads}	{MPI Proc, OMP_threads}	{MPI Proc, OMP_threads}
	1000/1	2000/2	4000/4	8000/8	16000/16
Average	6.765985	6.982265	7.945612	9.957651	13.23714
Maximum	6.765985	6.982311	7.973460	10.100288	13.559176
Minimum	6.765985	6.982218	7.877101	9.812629	12.659735
OpenMP Weak Scaling	{MPI Proc, OMP_threads}	{MPI Proc, OMP_threads}	{MPI Proc, OMP_threads}	{MPI Proc, OMP_threads}	{MPI Proc, OMP_threads}
	1000/1	2000/2	4000/4	8000/8	16000/16
Average	6.793369	13.709930	27.728377	57.478807	122.787077
Maximum	6.793369	13.709930	27.728377	57.478807	122.787077
Minimum	6.793369	13.709930	27.728377	57.478807	122.787077
MPI Strong Scaling	{MPI Proc, OMP_threads}	{MPI Proc, OMP_threads}	{MPI Proc, OMP_threads}	{MPI Proc, OMP_threads}	{MPI Proc, OMP_threads}
	1	2	4	8	16
Average	339.734576	174.264802	100.647799	62.213633	41.644884
Maximum	339.734576	174.429224	101.347445	62.782437	42.447077
Minimum	339.734576	174.100380	100.094549	61.511718	40.268931
OpenMP Strong Scaling	{MPI Proc, OMP_threads}	{MPI Proc, OMP_threads}	{MPI Proc, OMP_threads}	{MPI Proc, OMP_threads}	{MPI Proc, OMP_threads}
	1	2	4	8	16
Average		342.289874	346.483179	358.810322	382.311274
Maximum		342.289874	346.483179	358.810322	382.311274
Minimum		342.289874	346.483179	358.810322	382.311274