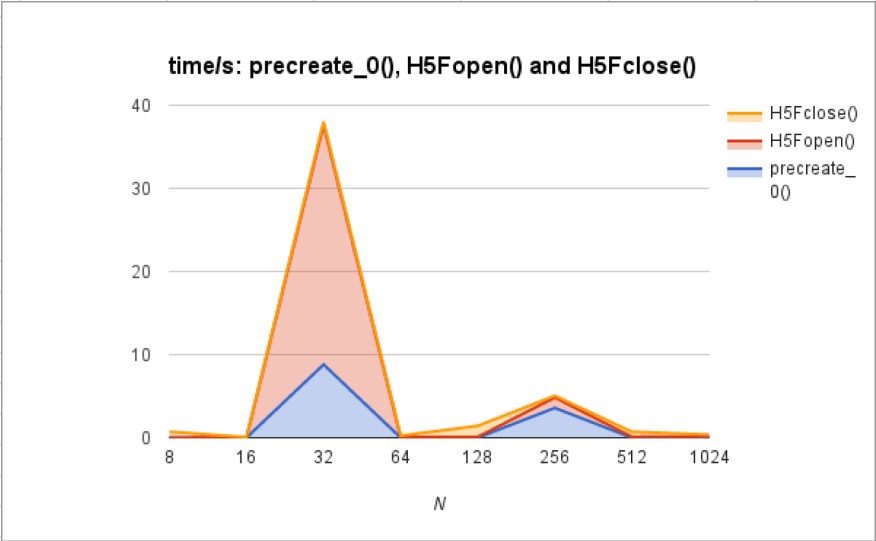
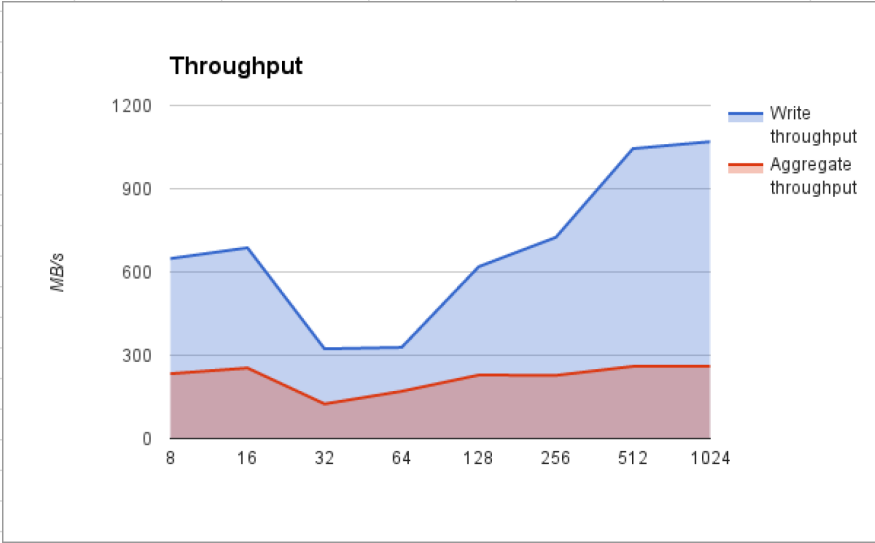


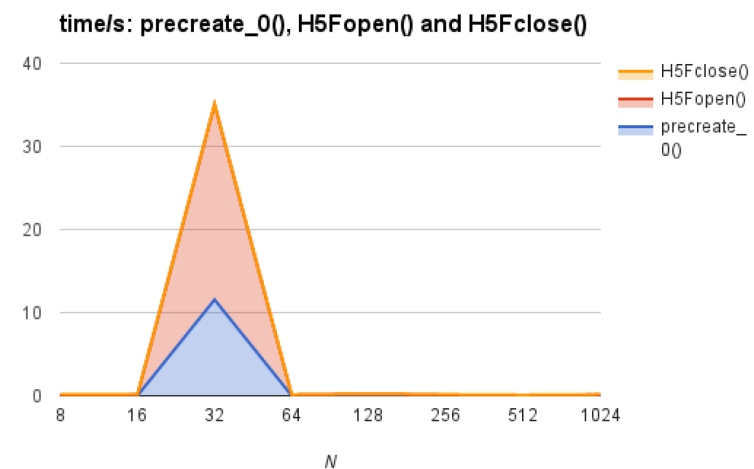
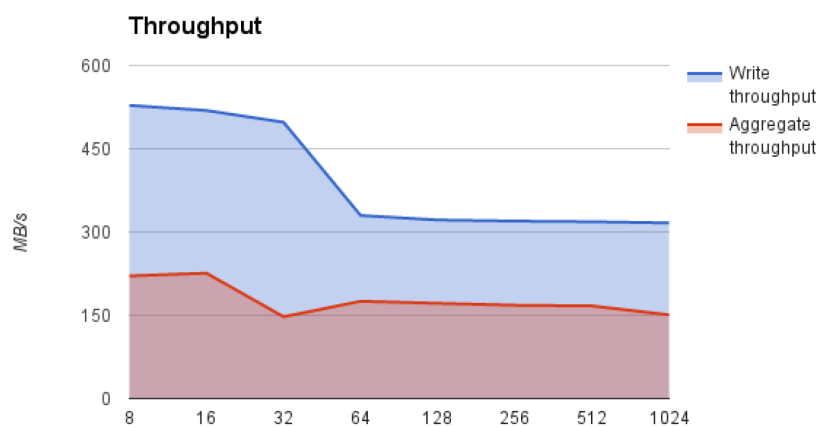
Final seism-core-slice timings and throughputs - with precreation - no other options

N	precreate_0()	H5Fopen()	H5Fclose()	Write throughput	Aggregate throughput
8	0.00591016	0.0123329	0.710257	648.378	233.541
16	0.00735712	0.0226779	0.0338521	687.152	254.097
32	8.80457	28.8559	0.348681	323.146	124.653
64	0.00620699	0.0902829	0.149238	328.488	170.21
128	0.00599098	0.0892451	1.33071	619.167	228.759
256	3.5817	1.25832	0.203758	724.743	227.539
512	0.00668216	0.100993	0.607901	1044.4	259.991
1024	0.00721097	0.113176	0.250551	1069.37	260.039



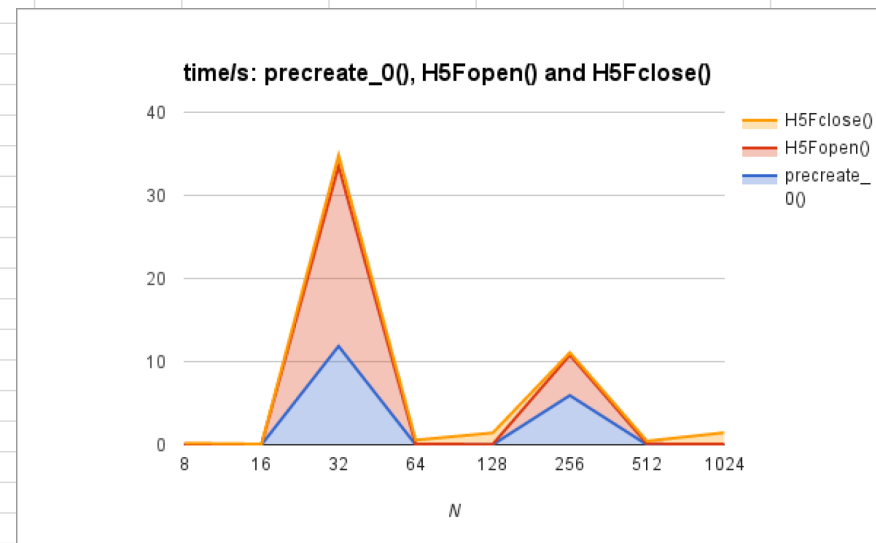
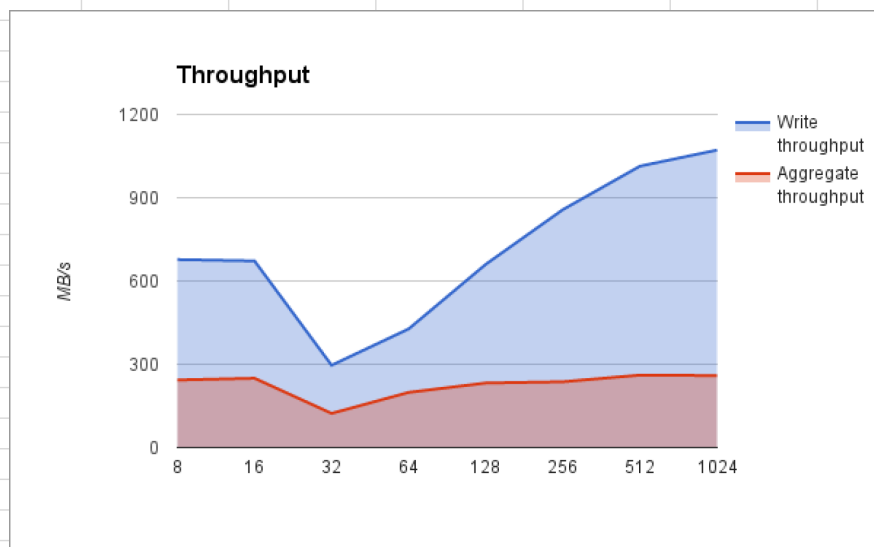
# Final seism-core-slice timings and throughputs - with precreation - collective write

N	precreate_0()	H5Fopen()	H5Fclose()	Write throughput	Aggregate throughput
8	0.0059669	0.0201771	0.148014	528.004	220.918
16	0.00598502	0.112825	0.055851	518.861	225.748
32	11.5613	23.4793	0.048419	497.673	147.361
64	0.00670385	0.094089	0.045433	329.741	175.228
128	0.00617504	0.190779	0.03617	321.626	171.556
256	0.00606394	0.0943589	0.0629919	319.614	168.098
512	0.00634909	0.0435791	0.0542591	318.528	166.814
1024	0.00712299	0.115548	0.0340509	316.29	150.834



# Final seism-core-slice timings and throughputs - with precreation - set collective metadata

N	precreate_0()	H5Fopen()	H5Fclose()	Write throughput	Aggregate throughput
8	0.0112898	0.011761	0.16741	677.135	243.262
16	0.00667691	0.015986	0.0635228	672.383	249.654
32	11.8588	21.6611	1.32055	296.406	122.983
64	0.00644588	0.065747	0.491979	427.374	198.665
128	0.00625992	0.055409	1.3627	660.014	232.451
256	5.92868	4.85862	0.301749	856.985	236.921
512	0.00650501	0.109173	0.328802	1013.65	260.908
1024	0.00791788	0.0784681	1.35886	1071.52	259.424



Final seism-core-slice timings and throughputs - with precreation - never fill

N	precreate_0()	H5Fopen()	H5Fclose()	Write throughput	Aggregate throughput
8	0.00589323	0.011822	0.0872872	517.049	499.825
16	0.00631189	0.026468	0.0405772	517.147	509.351
32	0.008394	0.390056	1.34927	508.183	479.082
64	0.013088	0.14208	0.556093	690.201	677.359
128	0.00632715	0.092731	7.9628	933.068	833.081
256	0.00652313	0.10125	0.229037	1067.83	1063.28
512	0.00780988	0.064985	0.401884	1727.33	1719.74
1024	0.00713801	0.0940912	0.332579	1080.77	1079.32

