jobid: 243132	uid: 11366	nprocs: 72	runtime: 4286.8280 seconds

I/O performance *estimate* (at the POSIX layer): transferred 2023.6 MiB at 2601.63 MiB/s
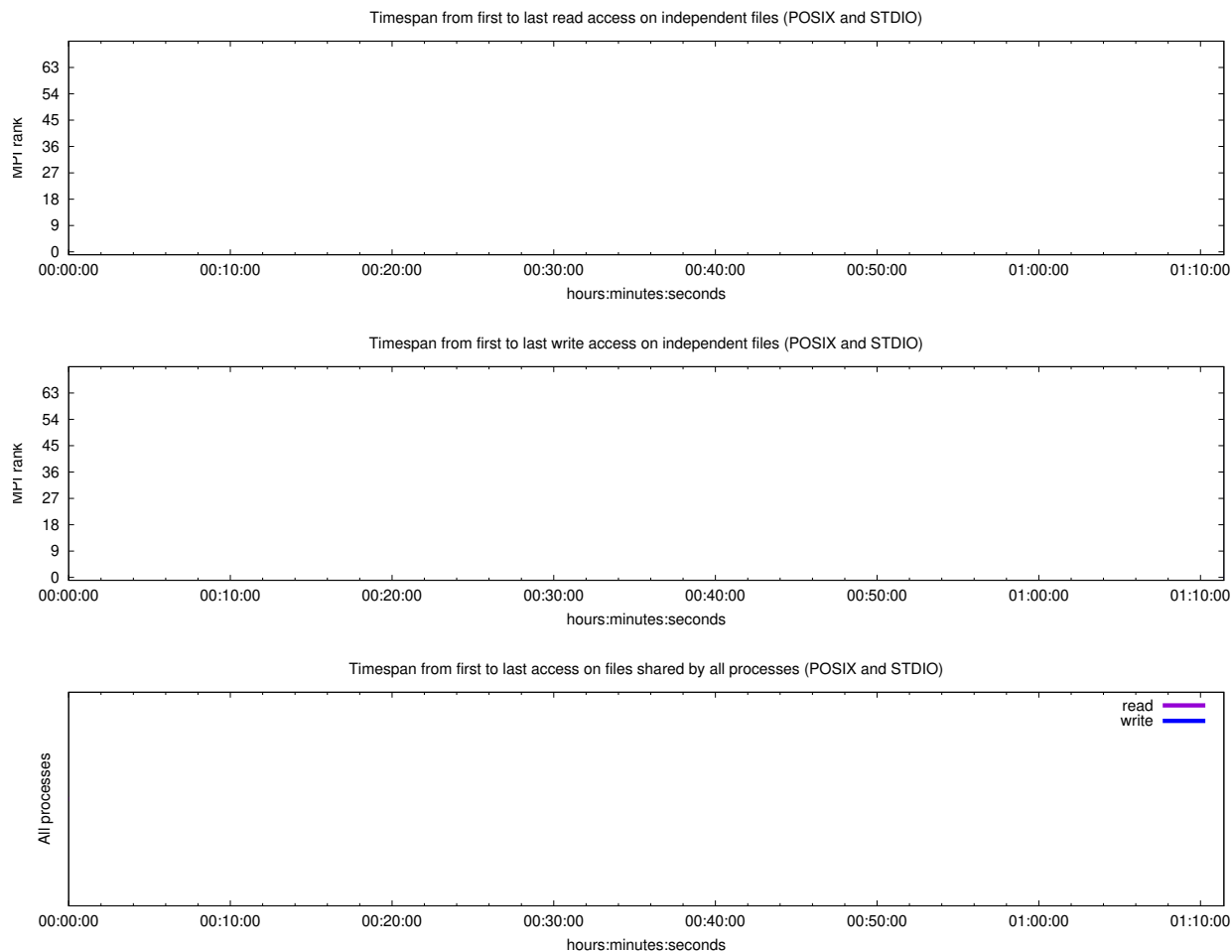I/O performance *estimate* (at the STDIO layer): transferred 184.4 MiB at 3860.80 MiB/s

Average I/O cost per process

I/O Operation Counts
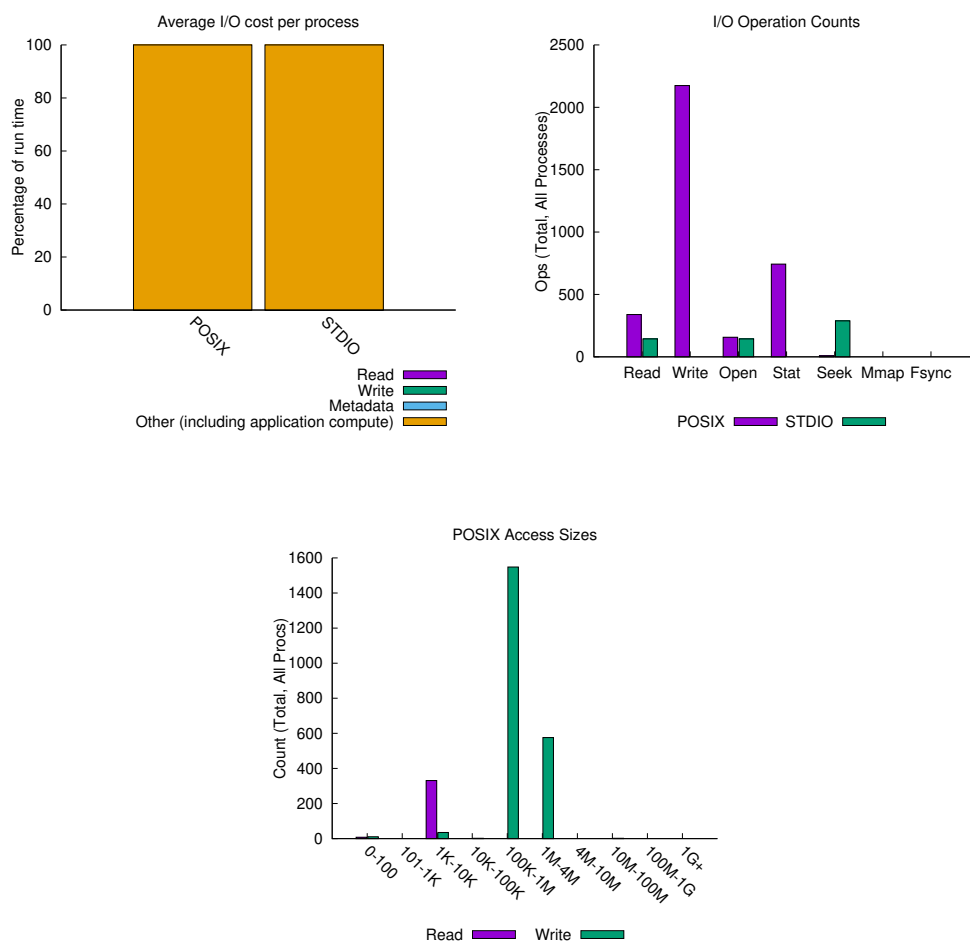
POSIX Access Sizes

Most Common Access Sizes
(POSIX or MPI-IO)

	access size	count
POSIX	164352	702
	8192	327
	131064	250
	164304	216

File Count Summary
(estimated by POSIX I/O access offsets)

type	number of files	avg. size	max size
total opened	152	14MiB	37MiB
read-only files	3	876KiB	1.8MiB
write-only files	147	14MiB	37MiB
read/write files	1	6B	6B
created files	148	14MiB	37MiB

Timespan from first to last read access on independent files (POSIX and STDIO)

Timespan from first to last write access on independent files (POSIX and STDIO)

Timespan from first to last access on files shared by all processes (POSIX and STDIO)

read
write

Average I/O per process (POSIX and STDIO)

	Cumulative time spent in I/O functions (seconds)	Amount of I/O (MiB)
Independent reads	1.30555555555556e-05	0.000123633278740777
Independent writes	0.358175944444444	28.0695428715812
Independent metadata	0.0170300972222222	N/A
Shared reads	0.00790670833333333	2.59638366434309
Shared writes	0	0
Shared metadata	0.0129618888888889	N/A

Data Transfer Per Filesystem (POSIX and STDIO)

File System	Write		Read	
	MiB	Ratio	MiB	Ratio
UNKNOWN	0.00001	0.00000	0.00001	0.00000
/thfs3	2021.00708	1.00000	186.94852	1.00000

POSIX I/O Pattern

Ops (Total, All Procs)
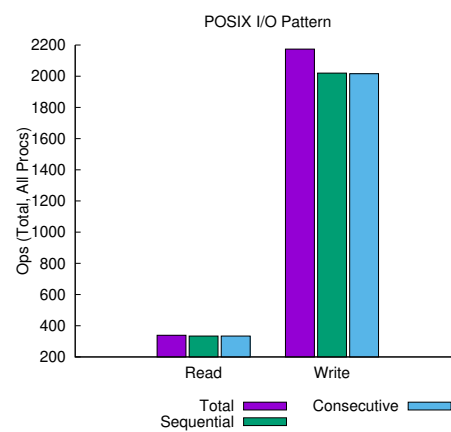
sequential: An I/O op issued at an offset greater than where the previous I/O op ended.
consecutive: An I/O op issued at the offset immediately following the end of the previous I/O op.

Variance in Shared Files (POSIX and STDIO)

File Suffix	Processes	Fastest			Slowest			σ	
		Rank	Time	Bytes	Rank	Time	Bytes	Time	Bytes
..._psl.0.2.UPF	72	35	0.000067	0	0	0.074656	1.8MiB	0.0086	2.09e+05
..._psl.0.1.UPF	72	59	0.001710	0	0	0.019279	876KiB	0.002	1.05e+05