Sevarebench Measurement Results
MP-Slice Scalable Search

Various Measurements

April 1, 2023

Nodes : algofi gard goracle zone (AMD 7543(2.8GHz) 512GiB 25Gbits)
Protocols: 1 2 ... 6
Datatypes: 8 64 128 256
Inputs : 1024 10240 102400
Preprocessing: 0 1
SplitRoles: 0 1 2
Pack Bool: 0
Optimized Sharing: 1
SSL: 0 1
Summary file : resultsMP-Slice/2023-03/30_11-42-01/Eslice-run-summary.dat
Total Experiment runtime : 4h59min19sec
Experiment run status: incomplete
Latex built date: 23.03.31 23:20

Experiment Networking Information

Speedtest Info

measured speed between nodes 1 and 2

Threads: 1

total sender speed: 24.8 Gbits/sec

total receiver speed: 24.7 Gbits/sec

Threads: 10

total sender speed: 24.79 Gbits/sec

total receiver speed: 24.76 Gbits/sec

measured speed between nodes 1 and 3

Threads: 1

total sender speed: 24.8 Gbits/sec

total receiver speed: 24.8 Gbits/sec

Threads: 10

total sender speed: 24.79 Gbits/sec

total receiver speed: 24.78 Gbits/sec

measured speed between nodes 2 and 3

Threads: 1

total sender speed: 24.8 Gbits/sec

total receiver speed: 24.8 Gbits/sec

Threads: 10

total sender speed: 24.79 Gbits/sec

total receiver speed: 24.75 Gbits/sec

measured speed between nodes 1 and 4

Threads: 1

total sender speed: 24.8 Gbits/sec

total receiver speed: 24.8 Gbits/sec

Threads: 10

total sender speed: 24.79 Gbits/sec

total receiver speed: 24.77 Gbits/sec

measured speed between nodes 2 and 4

Threads: 1

total sender speed: 24.8 Gbits/sec

total receiver speed: 24.8 Gbits/sec

Threads: 10

total sender speed: 24.81 Gbits/sec

total receiver speed: 24.75 Gbits/sec
measured speed between nodes 3 and 4
Threads: 1
total sender speed: 24.8 Gbits/sec
total receiver speed: 24.8 Gbits/sec
Threads: 10
total sender speed: 24.84 Gbits/sec
total receiver speed: 24.76 Gbits/sec

Latency Info

Node algofi statistics

— 10.10.95.3 ping statistics —

rtt min/avg/max/mdev = 0.251/0.303/0.348/0.030 ms

— 10.10.95.4 ping statistics —

rtt min/avg/max/mdev = 0.084/0.288/0.441/0.114 ms

— 10.10.95.5 ping statistics —

rtt min/avg/max/mdev = 0.305/0.307/0.309/0.001 ms

Node gard statistics

— 10.10.95.4 ping statistics —

rtt min/avg/max/mdev = 0.306/0.333/0.434/0.050 ms

— 10.10.95.5 ping statistics —

rtt min/avg/max/mdev = 0.305/0.365/0.603/0.118 ms

— 10.10.95.2 ping statistics —

rtt min/avg/max/mdev = 0.307/0.311/0.316/0.003 ms

Node goracle statistics

— 10.10.95.5 ping statistics —

rtt min/avg/max/mdev = 0.207/0.256/0.315/0.047 ms

— 10.10.95.2 ping statistics —

rtt min/avg/max/mdev = 0.218/0.289/0.309/0.035 ms

— 10.10.95.3 ping statistics —

rtt min/avg/max/mdev = 0.291/0.303/0.309/0.006 ms

Node zone statistics

— 10.10.95.2 ping statistics —

rtt min/avg/max/mdev = 0.305/0.318/0.356/0.019 ms

— 10.10.95.3 ping statistics —

rtt min/avg/max/mdev = 0.303/0.308/0.316/0.004 ms

— 10.10.95.4 ping statistics —

rtt min/avg/max/mdev = 0.088/0.266/0.318/0.089 ms

Outline I

Outline II

Outline III

Input Size Protocol -s 5 (OEC REP) pre0split2pack0opt1ssl1fun0
Input Size Protocol -s 5 (OEC REP) pre1split0pack0opt1ssl0fun0
Input Size Protocol -s 5 (OEC REP) pre1split0pack0opt1ssl1fun0
Input Size Protocol -s 5 (OEC REP) pre1split1pack0opt1ssl0fun0
Input Size Protocol -s 5 (OEC REP) pre1split1pack0opt1ssl1fun0
Input Size Protocol -s 5 (OEC REP) pre1split2pack0opt1ssl0fun0
Input Size Protocol -s 5 (OEC REP) pre1split2pack0opt1ssl1fun0
Input Size Protocol -s 6 (TTP) pre0split0pack0opt1ssl0fun0
Input Size Protocol -s 6 (TTP) pre0split0pack0opt1ssl1fun0
Input Size Protocol -s 6 (TTP) pre0split1pack0opt1ssl0fun0
Input Size Protocol -s 6 (TTP) pre0split1pack0opt1ssl1fun0
Input Size Protocol -s 6 (TTP) pre0split2pack0opt1ssl0fun0
Input Size Protocol -s 6 (TTP) pre0split2pack0opt1ssl1fun0
Input Size Protocol -s 6 (TTP) pre1split0pack0opt1ssl0fun0
Input Size Protocol -s 6 (TTP) pre1split0pack0opt1ssl1fun0
Input Size Protocol -s 6 (TTP) pre1split1pack0opt1ssl0fun0
Input Size Protocol -s 6 (TTP) pre1split1pack0opt1ssl1fun0
Input Size Protocol -s 6 (TTP) pre1split2pack0opt1ssl0fun0
Input Size Protocol -s 6 (TTP) pre1split2pack0opt1ssl1fun0
Input Size Datatype -d d8 (char) pre0split0pack0opt1ssl0fun0
Input Size Datatype -d d8 (char) pre0split0pack0opt1ssl1fun0
Input Size Datatype -d d8 (char) pre0split1pack0opt1ssl0fun0
Input Size Datatype -d d8 (char) pre0split1pack0opt1ssl1fun0
Input Size Datatype -d d8 (char) pre0split2pack0opt1ssl0fun0
Input Size Datatype -d d8 (char) pre0split2pack0opt1ssl1fun0
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Input Size Datatype -d d8 (char) pre1split1pack0opt1ssl0fun0
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Input Size Datatype -d d8 (char) pre1split2pack0opt1ssl0fun0
Input Size Datatype -d d8 (char) pre1split2pack0opt1ssl1fun0
Input Size Datatype -d d64 (uint64) pre0split0pack0opt1ssl0fun0
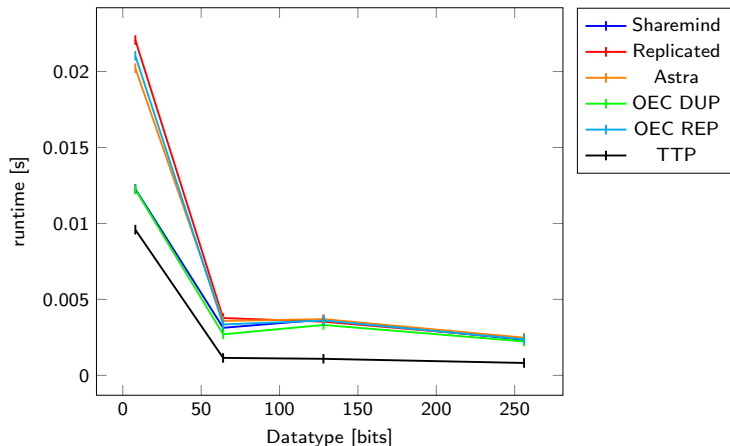Input Size Datatype -d d64 (uint64) pre0split0pack0opt1ssl1fun0

Outline IV

Input Size Datatype -d d64 (uint64) pre0split1pack0opt1ssl0fun0
Input Size Datatype -d d64 (uint64) pre0split1pack0opt1ssl1fun0
Input Size Datatype -d d64 (uint64) pre0split2pack0opt1ssl0fun0
Input Size Datatype -d d64 (uint64) pre0split2pack0opt1ssl1fun0
Input Size Datatype -d d64 (uint64) pre1split0pack0opt1ssl0fun0
Input Size Datatype -d d64 (uint64) pre1split0pack0opt1ssl1fun0
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Input Size Datatype -d d64 (uint64) pre1split2pack0opt1ssl0fun0
Input Size Datatype -d d64 (uint64) pre1split2pack0opt1ssl1fun0
Input Size Datatype -d d128 (SSE) pre0split0pack0opt1ssl0fun0
Input Size Datatype -d d128 (SSE) pre0split0pack0opt1ssl1fun0
Input Size Datatype -d d128 (SSE) pre0split1pack0opt1ssl0fun0
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Input Size Datatype -d d128 (SSE) pre1split2pack0opt1ssl0fun0
Input Size Datatype -d d128 (SSE) pre1split2pack0opt1ssl1fun0
Input Size Datatype -d d256 (AVX) pre0split0pack0opt1ssl0fun0
Input Size Datatype -d d256 (AVX) pre0split0pack0opt1ssl1fun0
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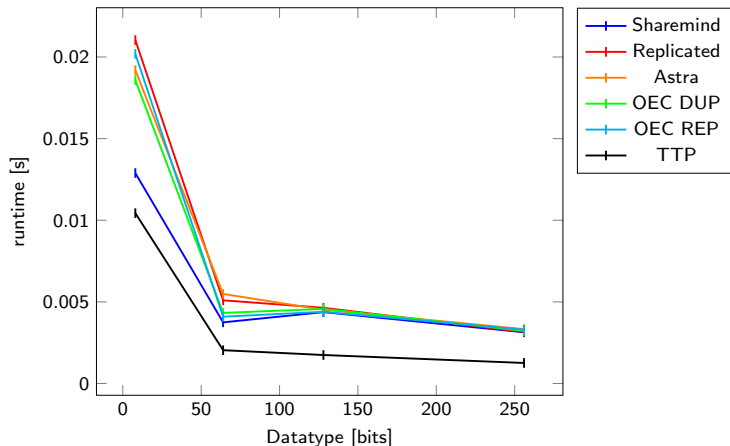
Outline V

Input Size Datatype -d d256 (AVX) pre1split2pack0opt1ssl1fun0

MP-Slice Runtimes Datatype Fixed Input: 102400 all (all)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Fixed Input: 102400 all (all)
- Metric: Datatype - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

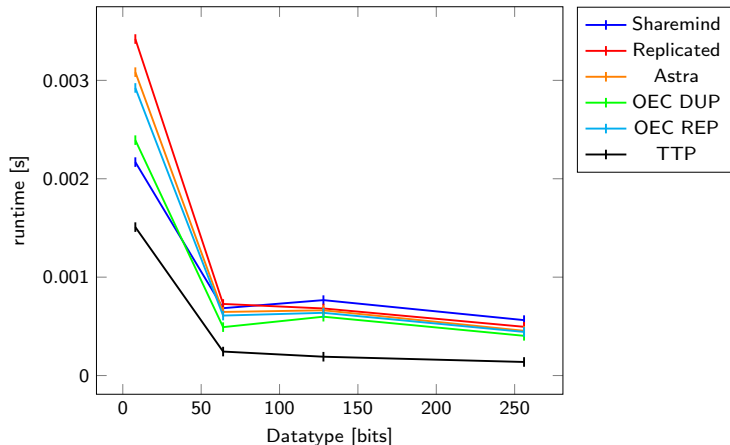# MP-Slice Runtimes Datatype Fixed Input: 102400 all (all)

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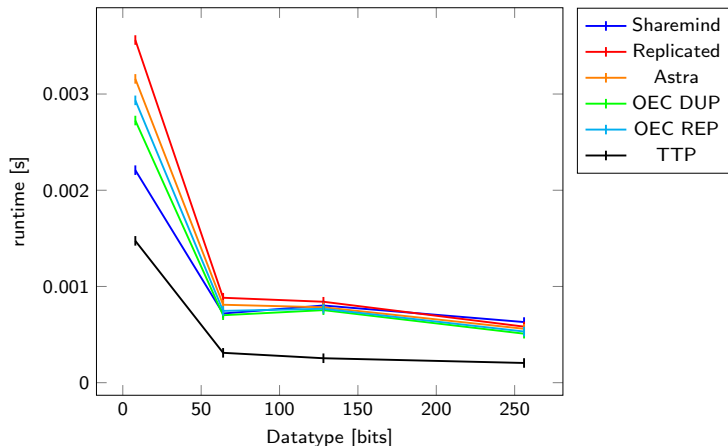# MP-Slice Runtimes Datatype Fixed Input: 102400 all (all)

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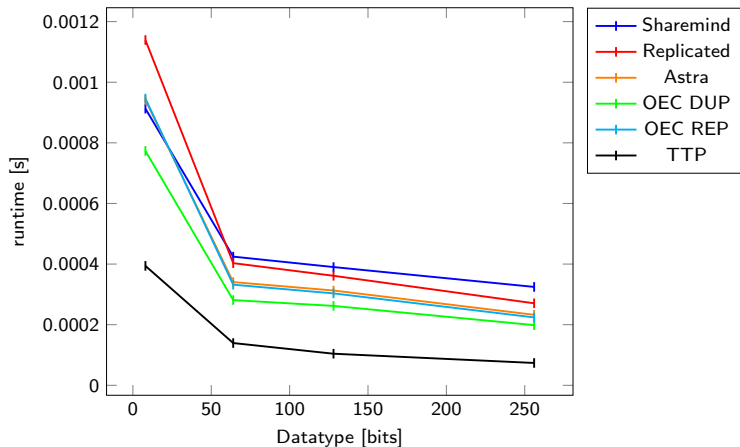# MP-Slice Runtimes Datatype Fixed Input: 102400 all (all)

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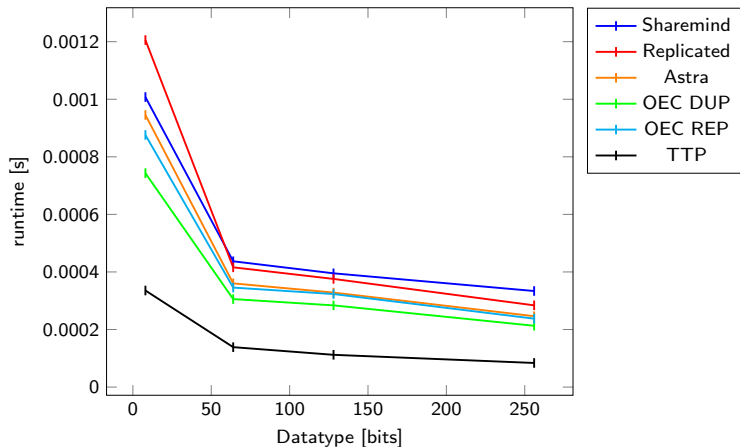# MP-Slice Runtimes Datatype Fixed Input: 102400 all (all)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Fixed Input: 102400 all (all)
- Metric: Datatype - runtime
- Switches: Preprocessing: 0, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

MP-Slice Runtimes Datatype Fixed Input: 102400 all (all)

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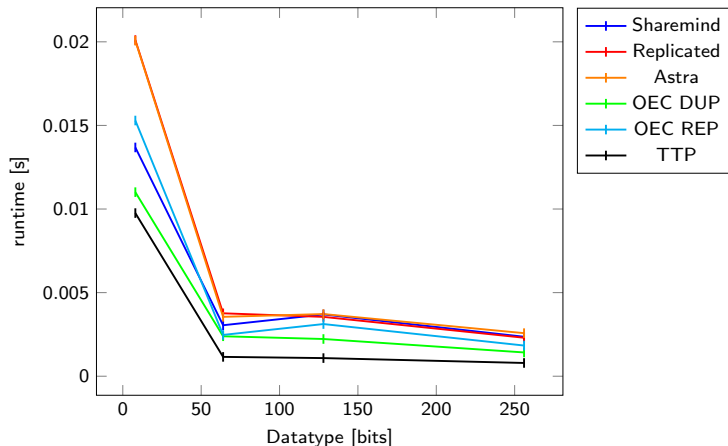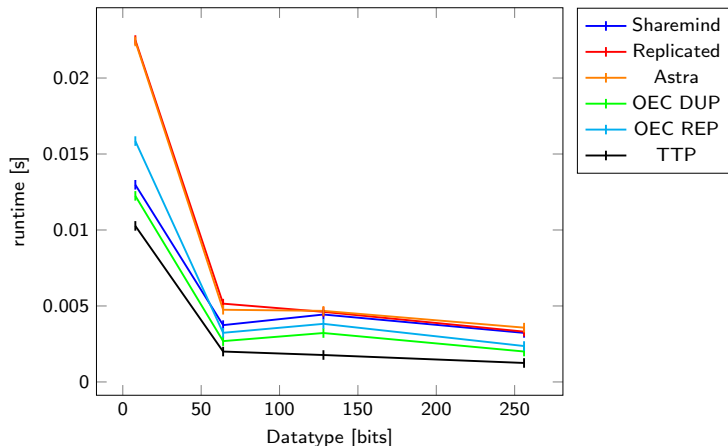# MP-Slice Runtimes Datatype Fixed Input: 102400 all (all)

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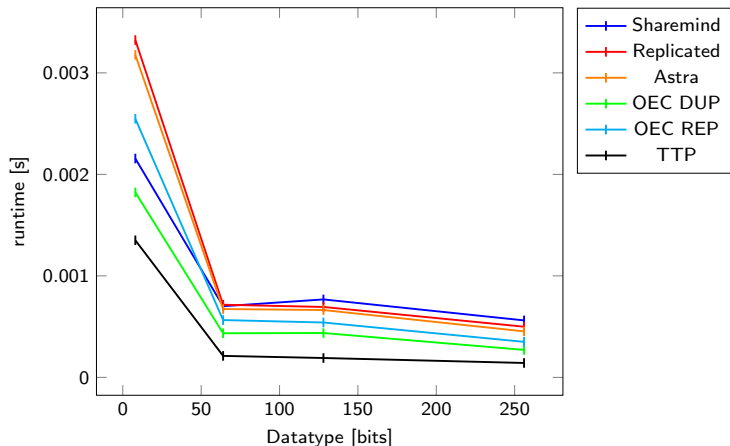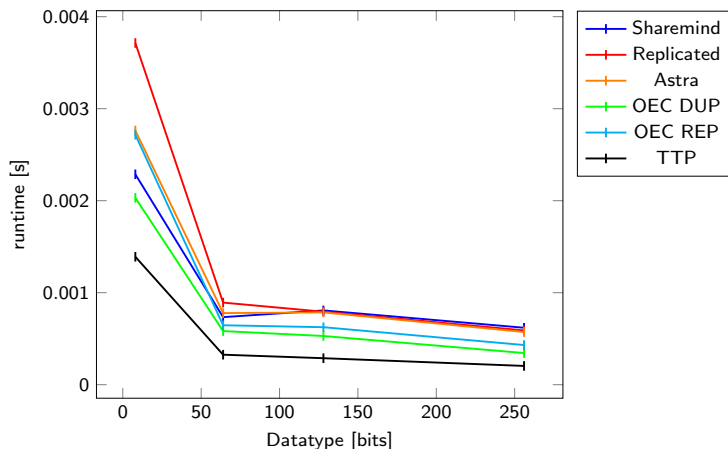# MP-Slice Runtimes Datatype Fixed Input: 102400 all (all)

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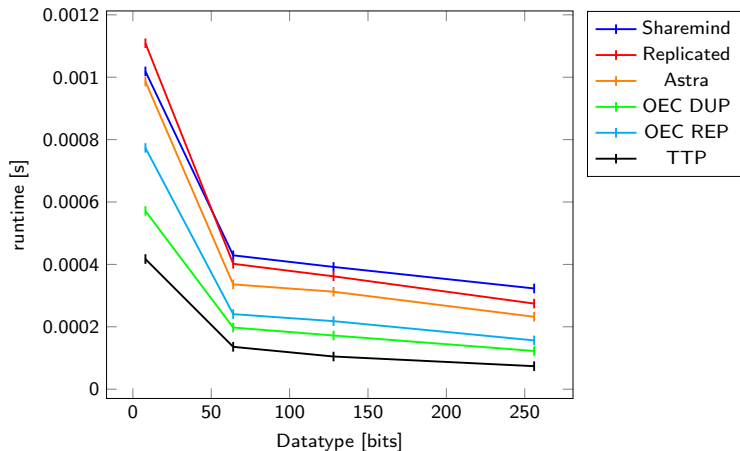# MP-Slice Runtimes Datatype Fixed Input: 102400 all (all)

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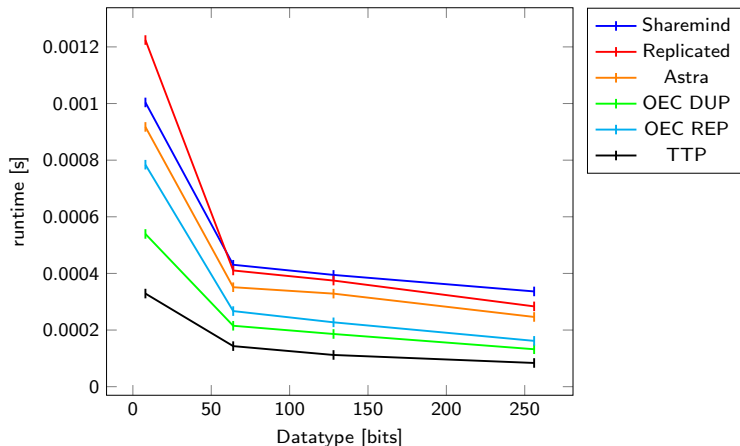# MP-Slice Runtimes Datatype Fixed Input: 102400 all (all)

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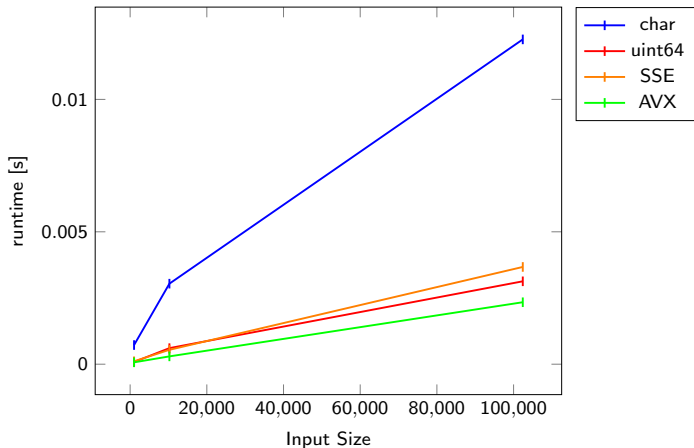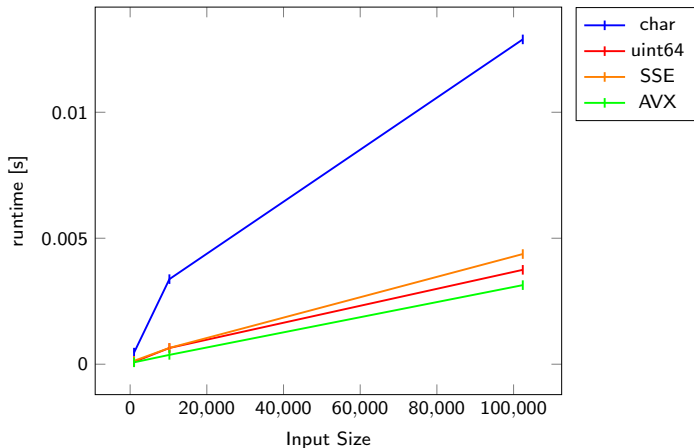# MP-Slice Runtimes Datatype Fixed Input: 102400 all (all)

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MP-Slice Runtimes Input Size Protocol -s 1 (Sharemind)

- – Ref.Problem: Scalable Search
- – Library: MP-Slice - Protocol -s 1 (Sharemind)
- – Metric: Input Size - runtime
- – Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- – Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

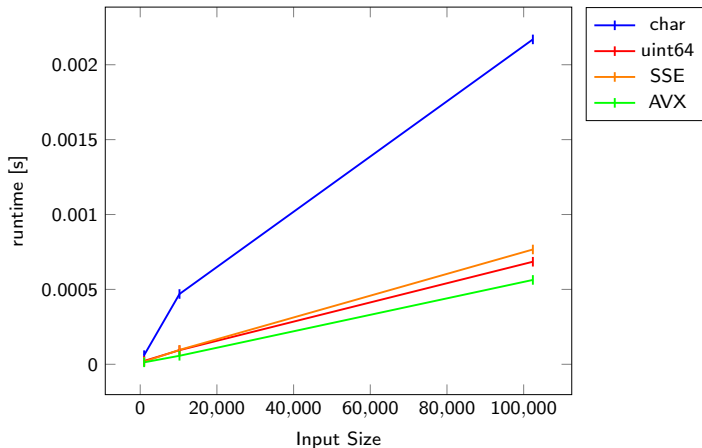# MP-Slice Runtimes Input Size Protocol -s 1 (Sharemind)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 1 (Sharemind)
- Metric: Input Size - runtime
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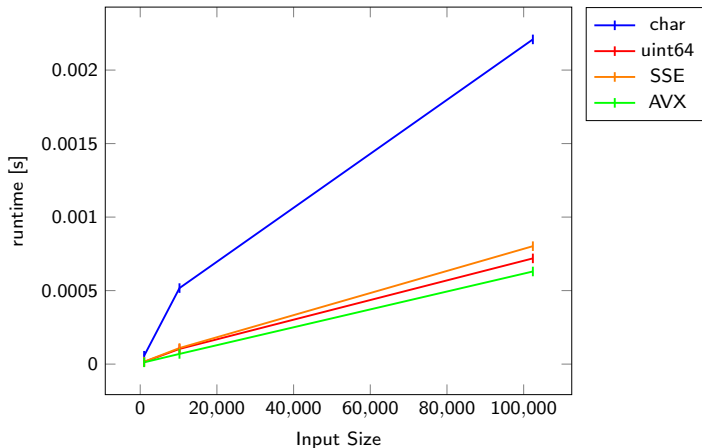
MP-Slice Runtimes Input Size Protocol -s 1 (Sharemind)

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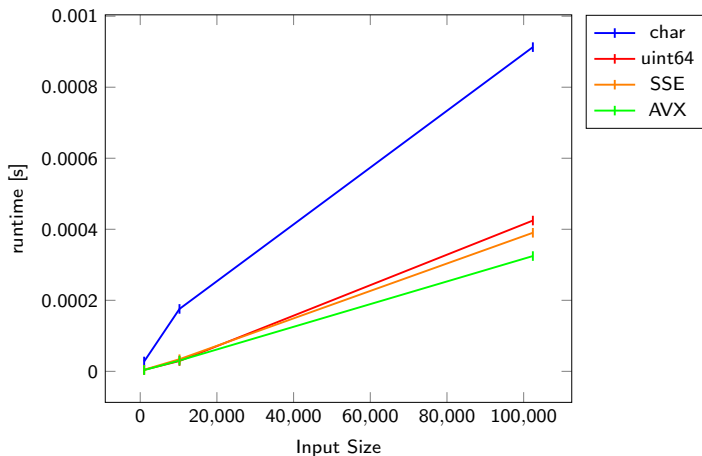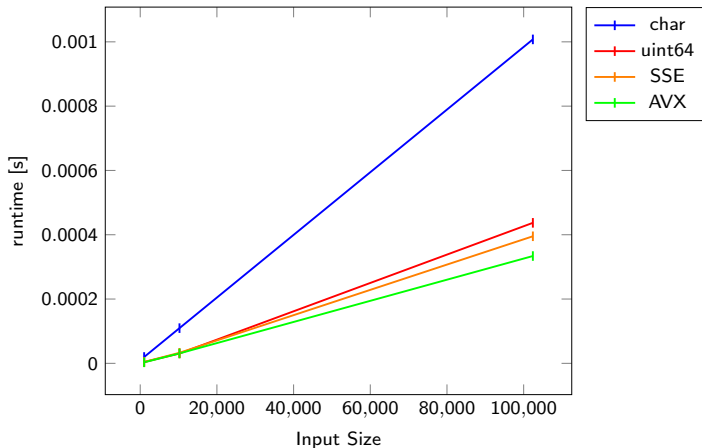# MP-Slice Runtimes Input Size Protocol -s 1 (Sharemind)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 1 (Sharemind)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

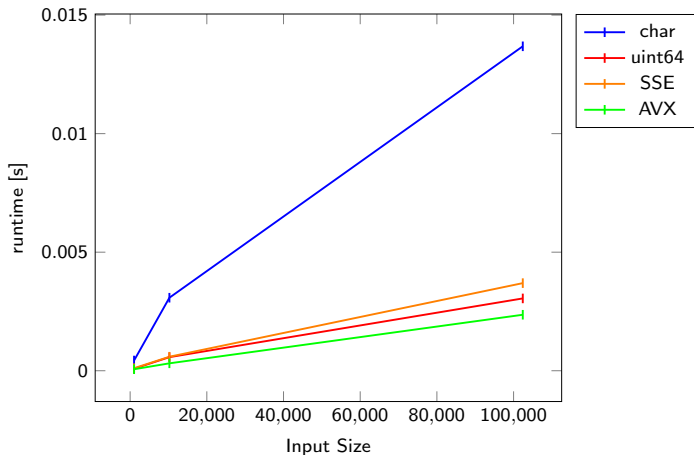## MP-Slice Runtimes Input Size Protocol -s 1 (Sharemind)

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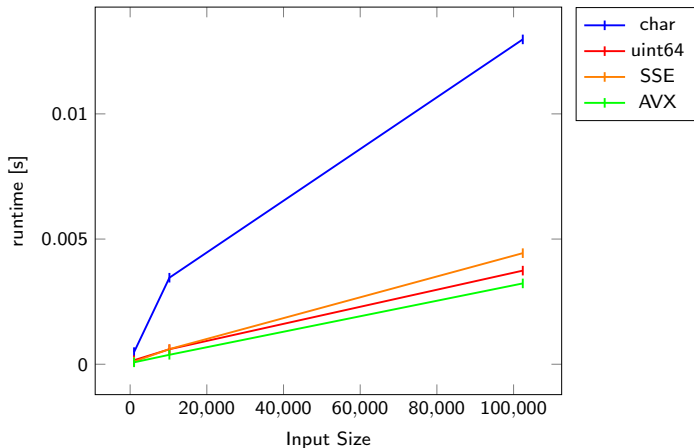# MP-Slice Runtimes Input Size Protocol -s 1 (Sharemind)

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- Metric: Input Size - runtime
- Switches: Preprocessing: 1, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

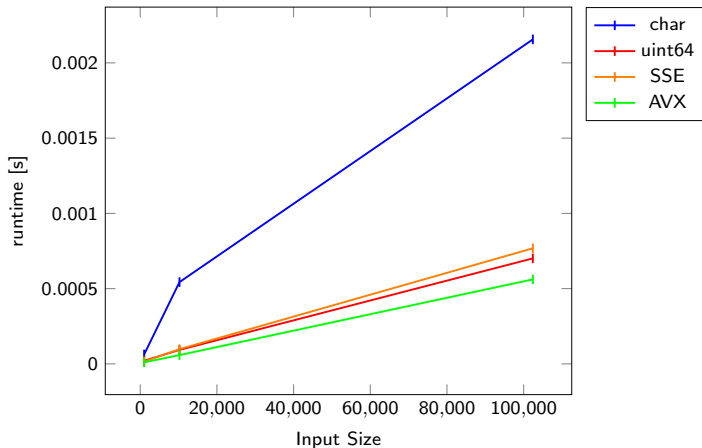# MP-Slice Runtimes Input Size Protocol -s 1 (Sharemind)

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- Library: MP-Slice - Protocol -s 1 (Sharemind)
- Metric: Input Size - runtime
- Switches: Preprocessing: 1, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
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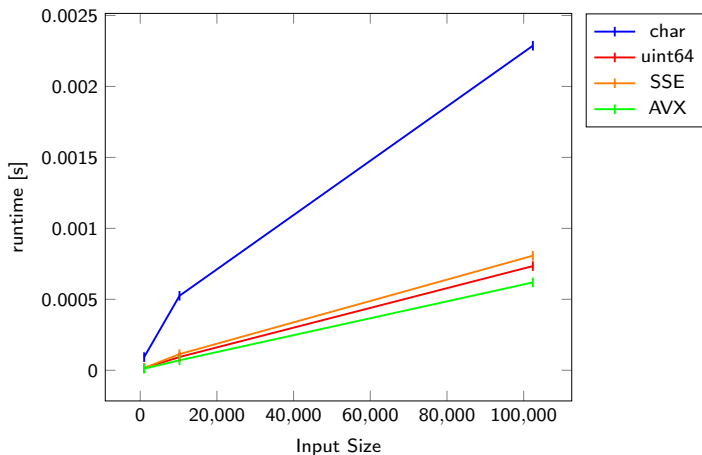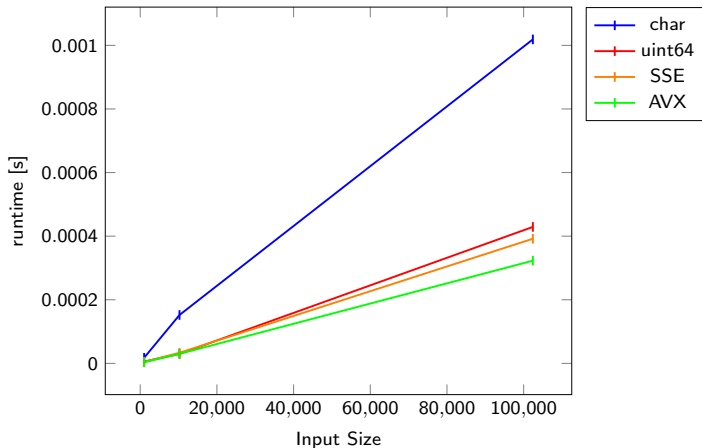# MP-Slice Runtimes Input Size Protocol -s 1 (Sharemind)

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- Library: MP-Slice - Protocol -s 1 (Sharemind)
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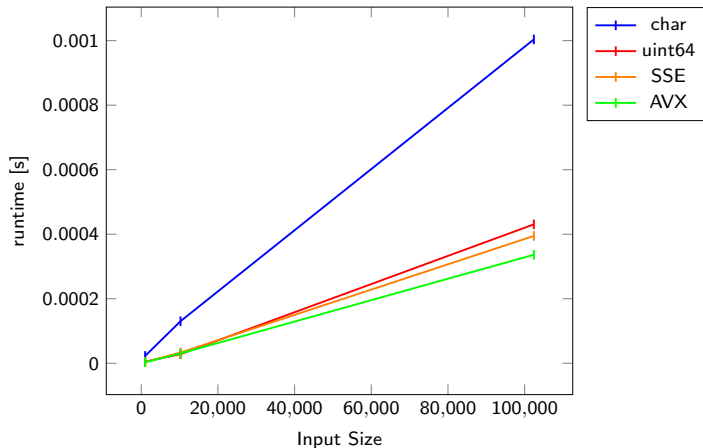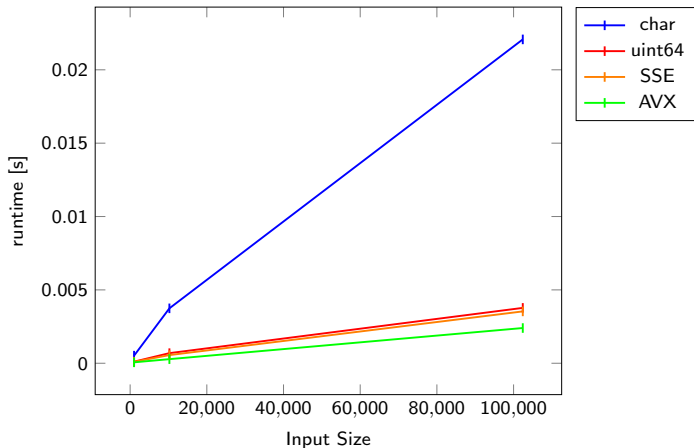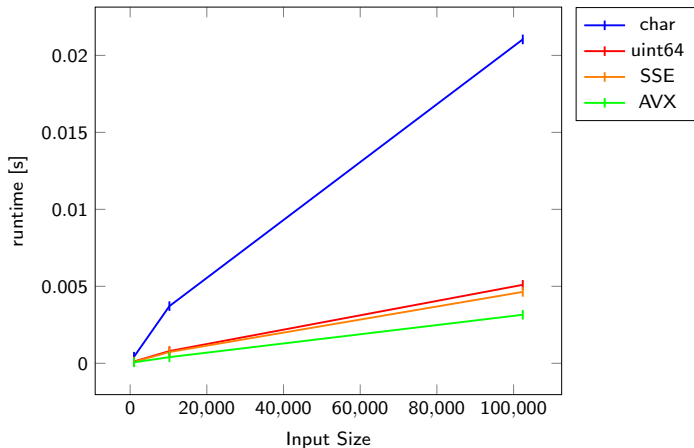# MP-Slice Runtimes Input Size Protocol -s 1 (Sharemind)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 1 (Sharemind)
- Metric: Input Size - runtime
- Switches: Preprocessing: 1, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Protocol -s 2 (Replicated)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 2 (Replicated)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

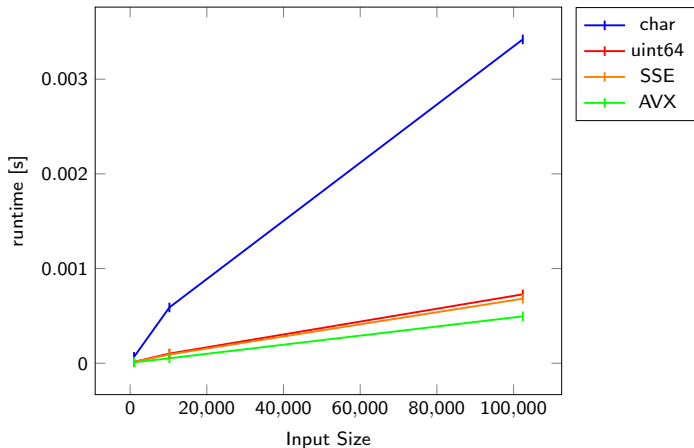# MP-Slice Runtimes Input Size Protocol -s 2 (Replicated)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 2 (Replicated)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

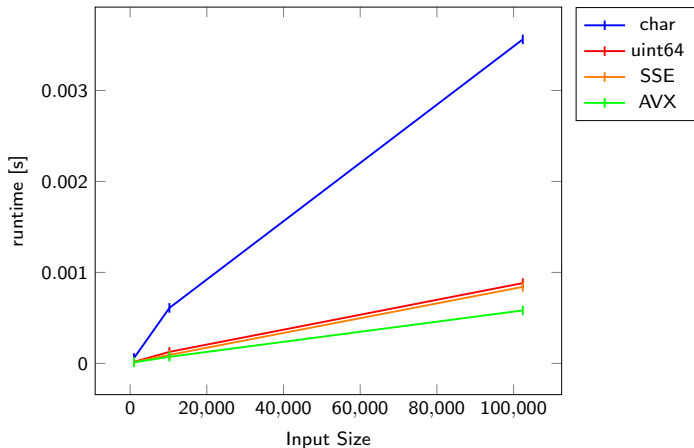# MP-Slice Runtimes Input Size Protocol -s 2 (Replicated)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 2 (Replicated)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Protocol -s 2 (Replicated)

- – Ref.Problem: Scalable Search
- – Library: MP-Slice - Protocol -s 2 (Replicated)
- – Metric: Input Size - runtime
- – Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
- – Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

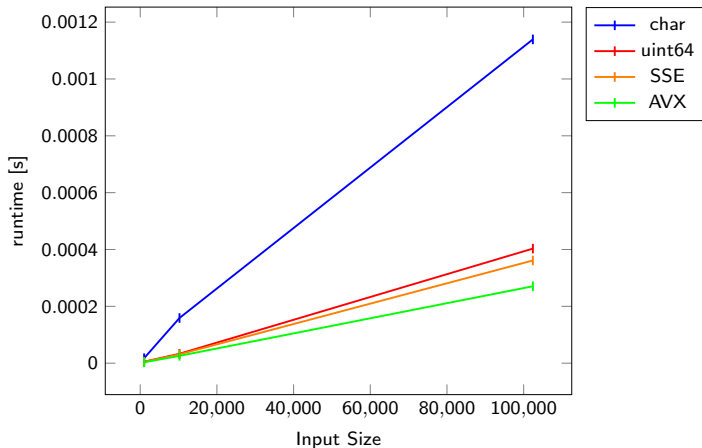# MP-Slice Runtimes Input Size Protocol -s 2 (Replicated)

- – Ref.Problem: Scalable Search
- – Library: MP-Slice - Protocol -s 2 (Replicated)
- – Metric: Input Size - runtime
- – Switches: Preprocessing: 0, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- – Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

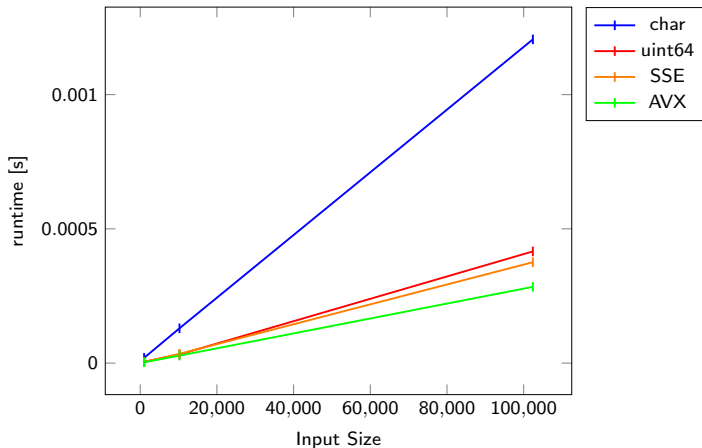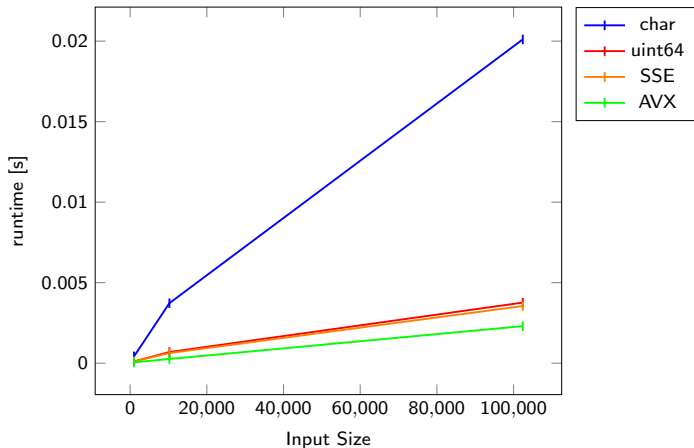# MP-Slice Runtimes Input Size Protocol -s 2 (Replicated)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 2 (Replicated)
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- Switches: Preprocessing: 0, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
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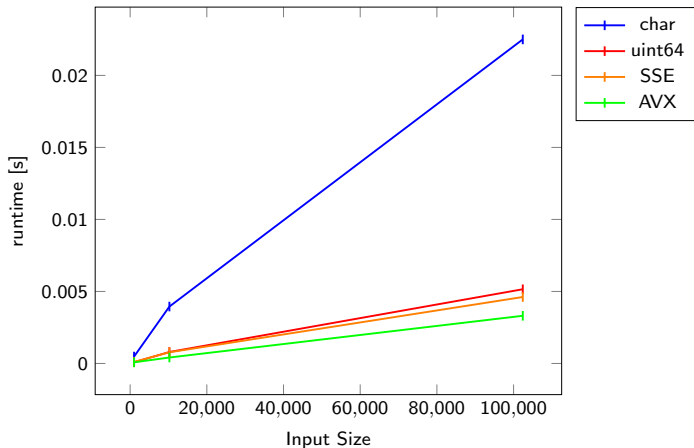# MP-Slice Runtimes Input Size Protocol -s 2 (Replicated)

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- Library: MP-Slice - Protocol -s 2 (Replicated)
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- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

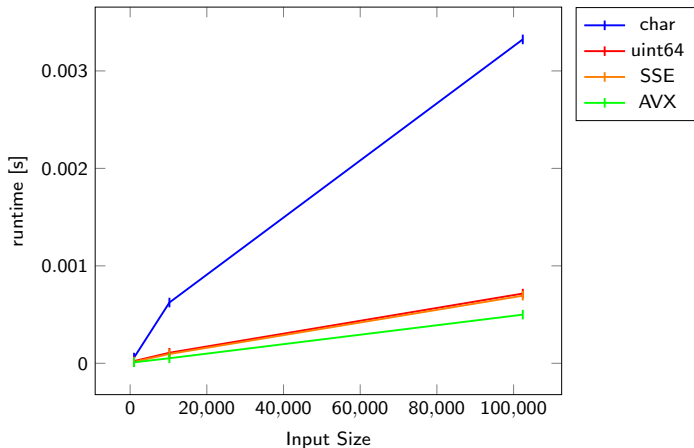# MP-Slice Runtimes Input Size Protocol -s 2 (Replicated)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 2 (Replicated)
- Metric: Input Size - runtime
- Switches: Preprocessing: 1, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
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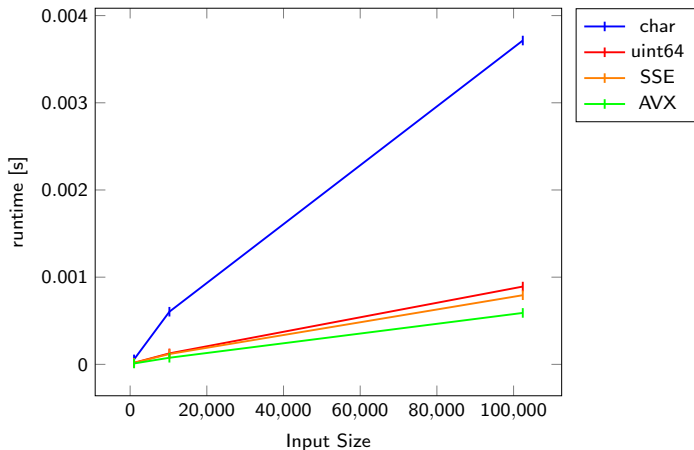# MP-Slice Runtimes Input Size Protocol -s 2 (Replicated)

- Ref.Problem: Scalable Search

- Library: MP-Slice - Protocol -s 2 (Replicated)

- Metric: Input Size - runtime

- Switches: Preprocessing: 1, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0

- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

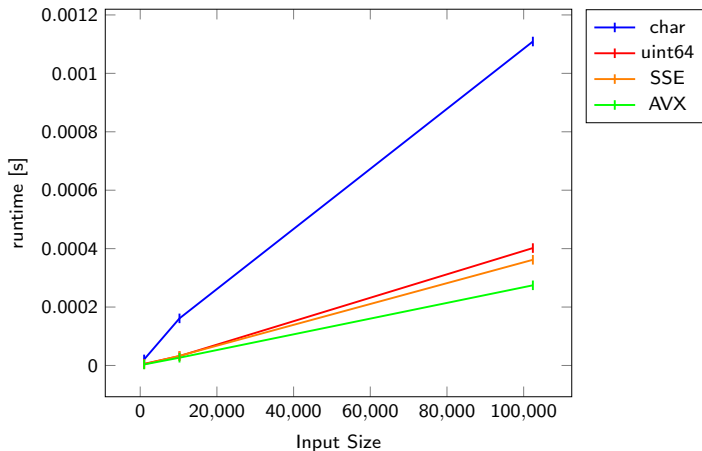# MP-Slice Runtimes Input Size Protocol -s 2 (Replicated)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 2 (Replicated)
- Metric: Input Size - runtime
- Switches: Preprocessing: 1, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
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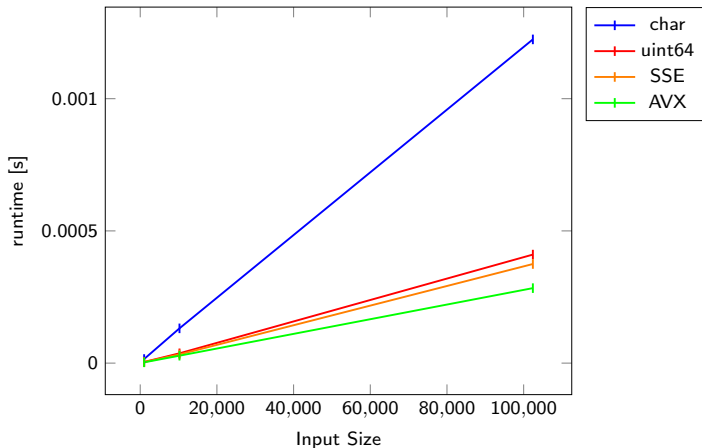# MP-Slice Runtimes Input Size Protocol -s 2 (Replicated)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 2 (Replicated)
- Metric: Input Size - runtime
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- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

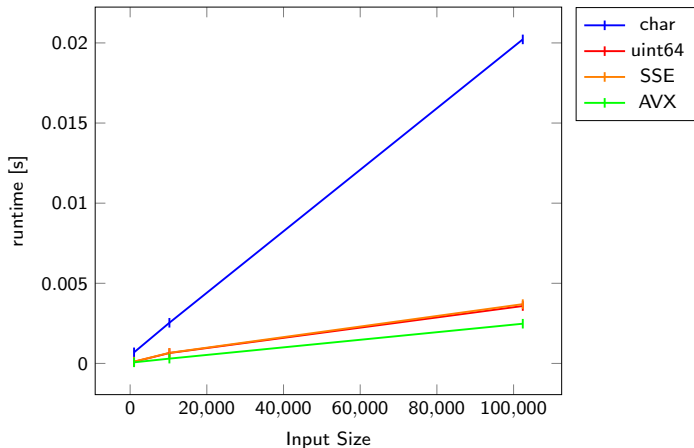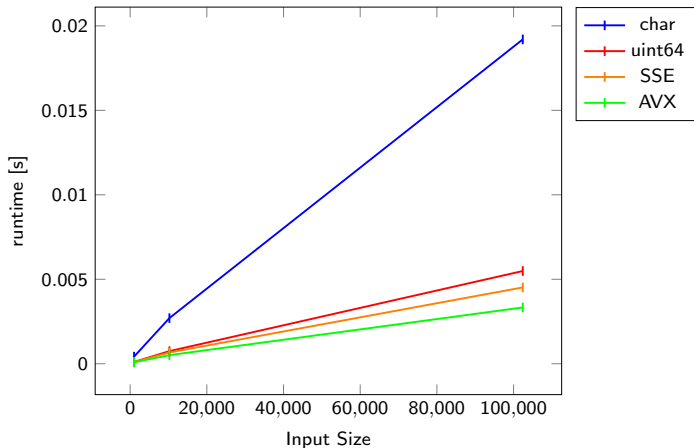# MP-Slice Runtimes Input Size Protocol -s 2 (Replicated)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 2 (Replicated)
- Metric: Input Size - runtime
- Switches: Preprocessing: 1, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Protocol -s 3 (Astra)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 3 (Astra)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

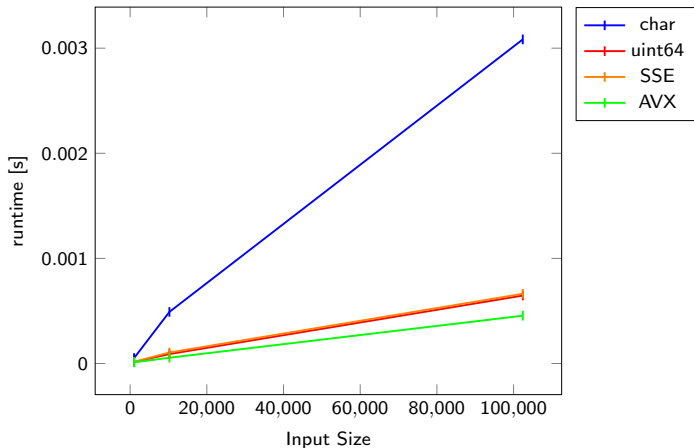# MP-Slice Runtimes Input Size Protocol -s 3 (Astra)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 3 (Astra)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

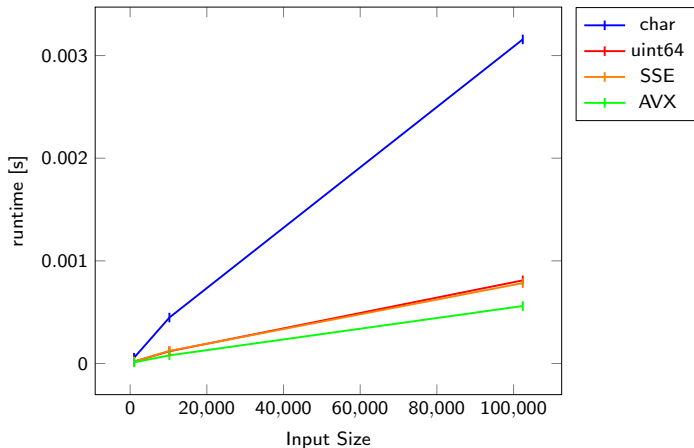# MP-Slice Runtimes Input Size Protocol -s 3 (Astra)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 3 (Astra)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

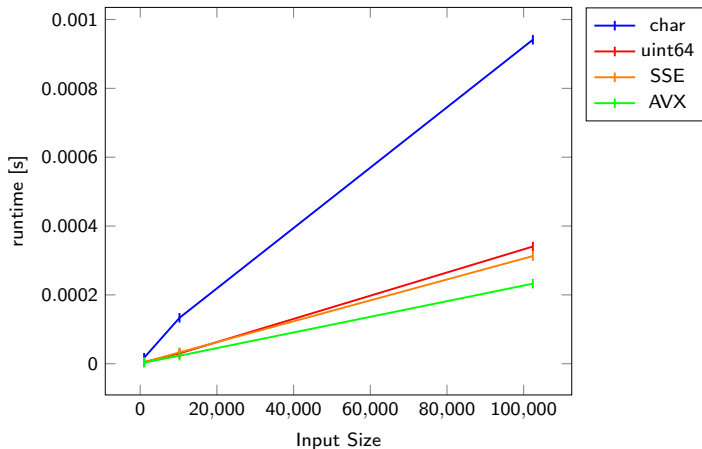# MP-Slice Runtimes Input Size Protocol -s 3 (Astra)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 3 (Astra)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
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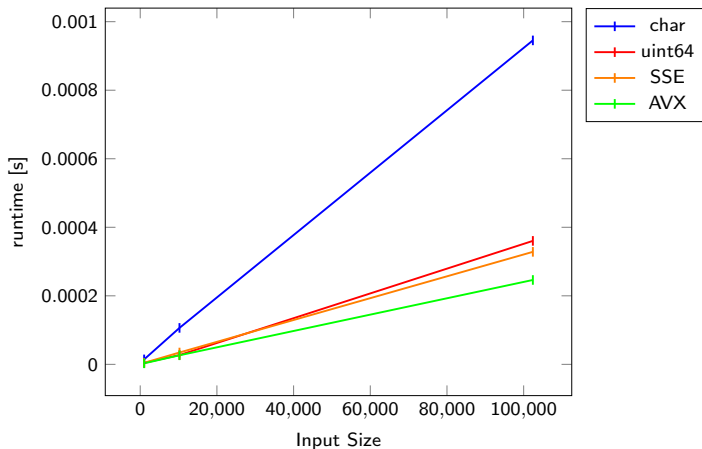# MP-Slice Runtimes Input Size Protocol -s 3 (Astra)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 3 (Astra)
- Metric: Input Size - runtime
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- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

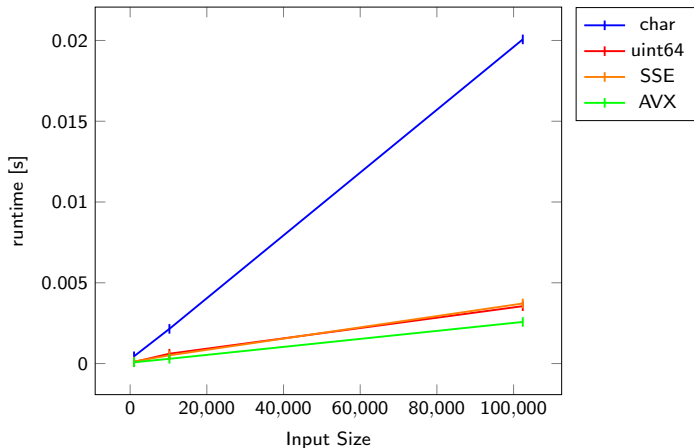# MP-Slice Runtimes Input Size Protocol -s 3 (Astra)

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- Library: MP-Slice - Protocol -s 3 (Astra)
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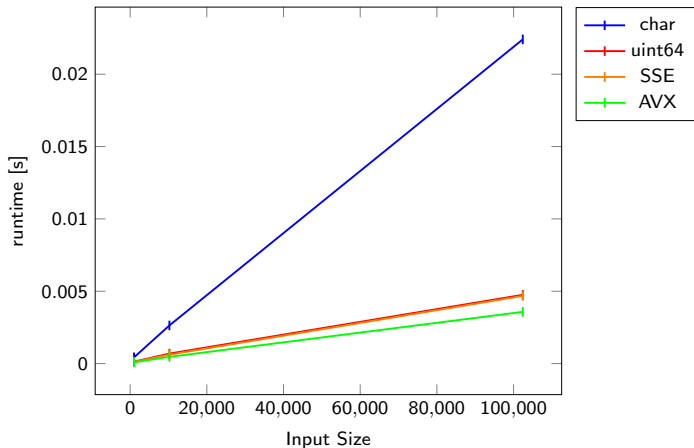# MP-Slice Runtimes Input Size Protocol -s 3 (Astra)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 3 (Astra)
- Metric: Input Size - runtime
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MP-Slice Runtimes Input Size Protocol -s 3 (Astra)

- – Ref.Problem: Scalable Search
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- – Metric: Input Size - runtime
- – Switches: Preprocessing: 1, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
- – Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits
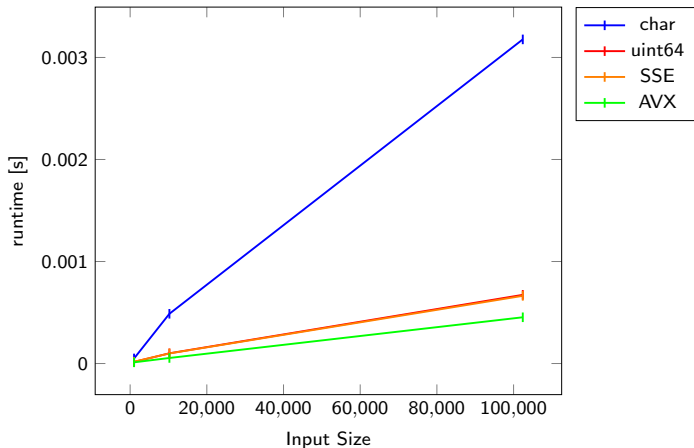
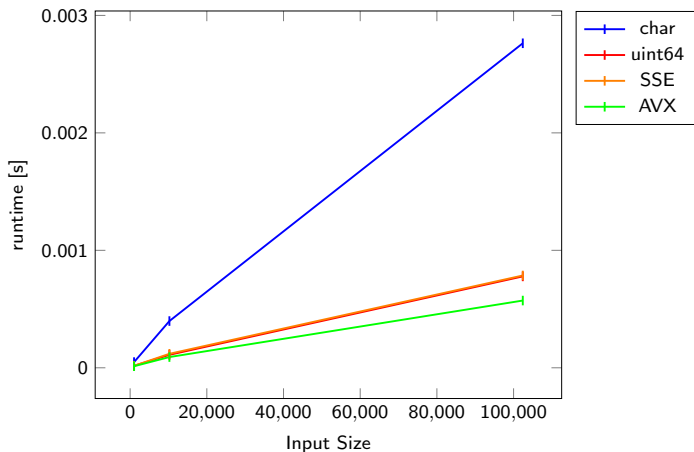# MP-Slice Runtimes Input Size Protocol -s 3 (Astra)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 3 (Astra)
- Metric: Input Size - runtime
- Switches: Preprocessing: 1, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
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MP-Slice Runtimes Input Size Protocol -s 3 (Astra)

- – Ref.Problem: Scalable Search
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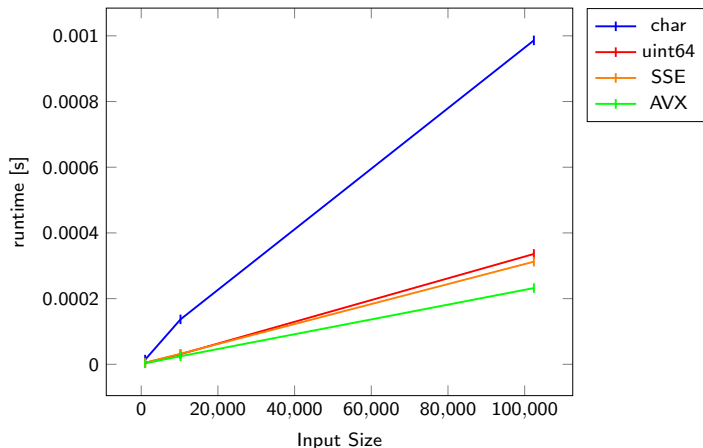
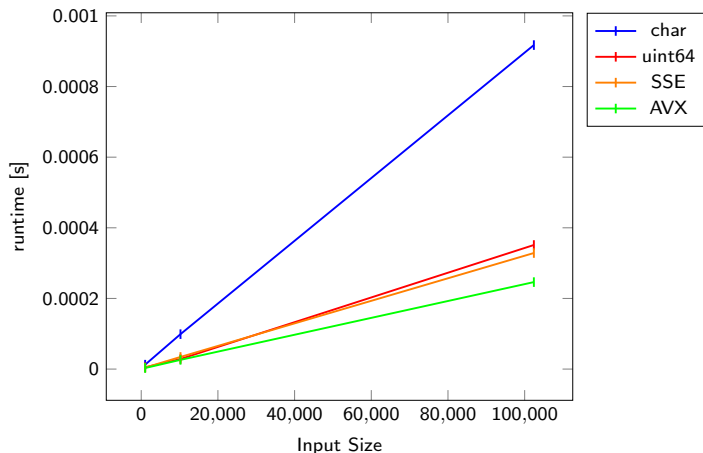# MP-Slice Runtimes Input Size Protocol -s 3 (Astra)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 3 (Astra)
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- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

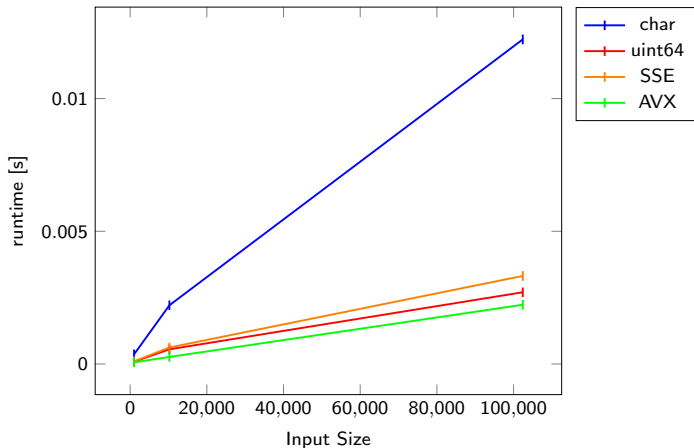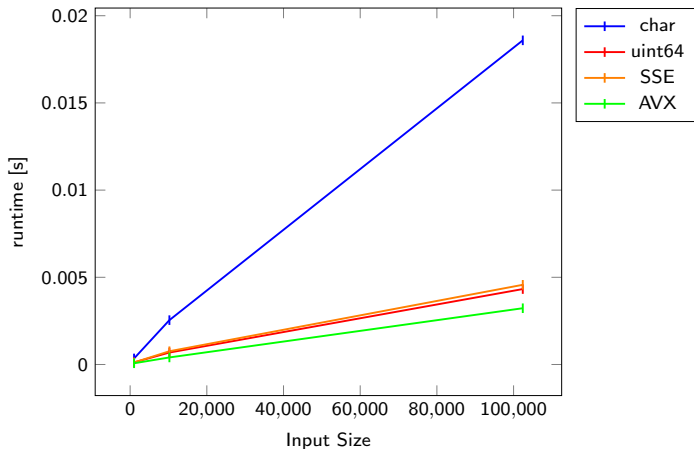# MP-Slice Runtimes Input Size Protocol -s 3 (Astra)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 3 (Astra)
- Metric: Input Size - runtime
- Switches: Preprocessing: 1, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Protocol -s 4 (OEC DUP)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 4 (OEC DUP)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

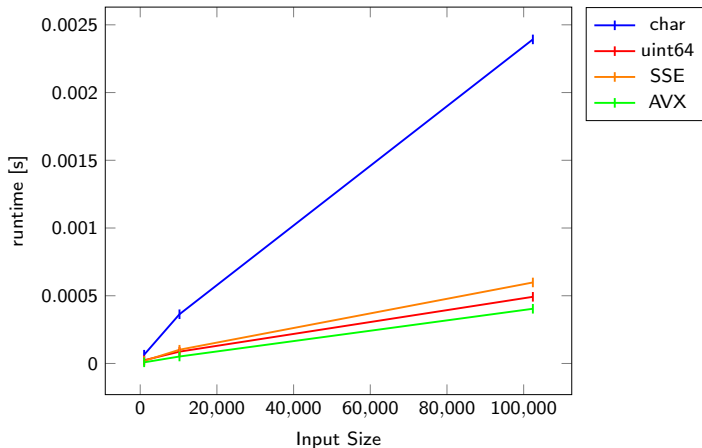# MP-Slice Runtimes Input Size Protocol -s 4 (OEC DUP)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 4 (OEC DUP)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

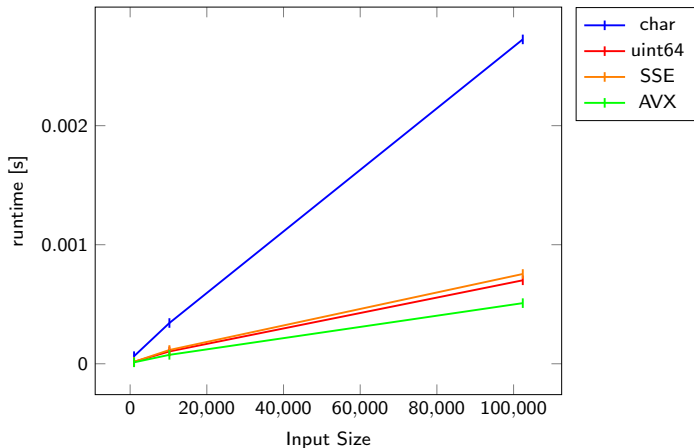# MP-Slice Runtimes Input Size Protocol -s 4 (OEC DUP)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 4 (OEC DUP)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

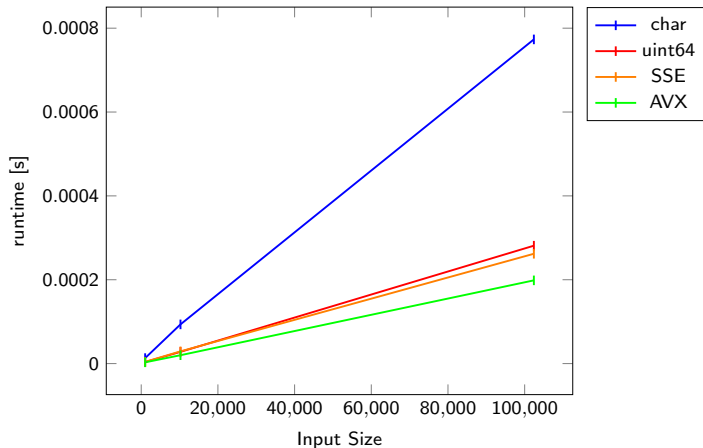# MP-Slice Runtimes Input Size Protocol -s 4 (OEC DUP)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 4 (OEC DUP)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

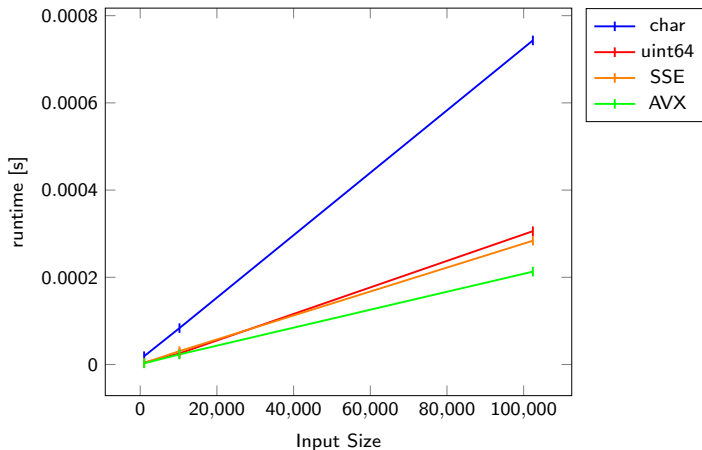# MP-Slice Runtimes Input Size Protocol -s 4 (OEC DUP)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 4 (OEC DUP)
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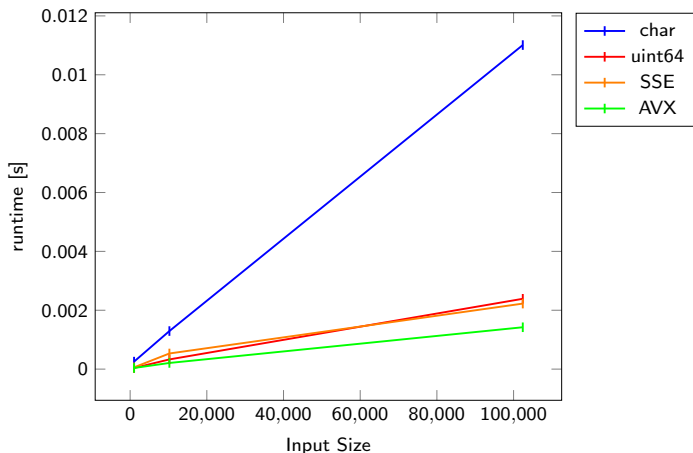MP-Slice Runtimes Input Size Protocol -s 4 (OEC DUP)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 4 (OEC DUP)
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- Switches: Preprocessing: 0, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
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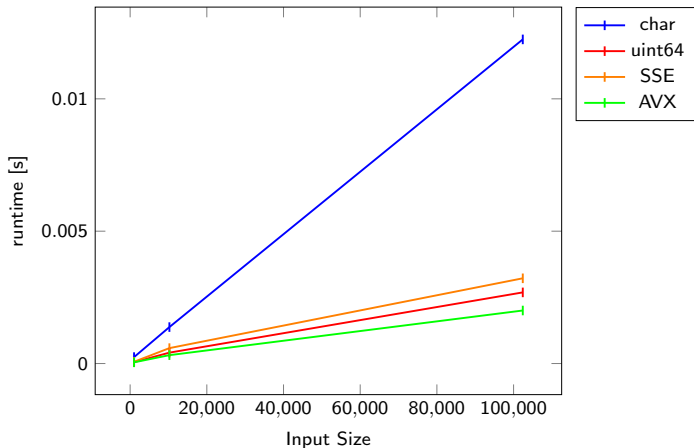# MP-Slice Runtimes Input Size Protocol -s 4 (OEC DUP)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 4 (OEC DUP)
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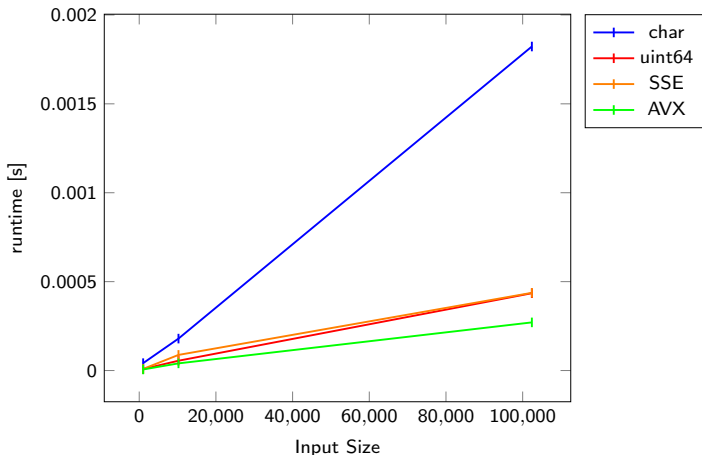# MP-Slice Runtimes Input Size Protocol -s 4 (OEC DUP)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 4 (OEC DUP)
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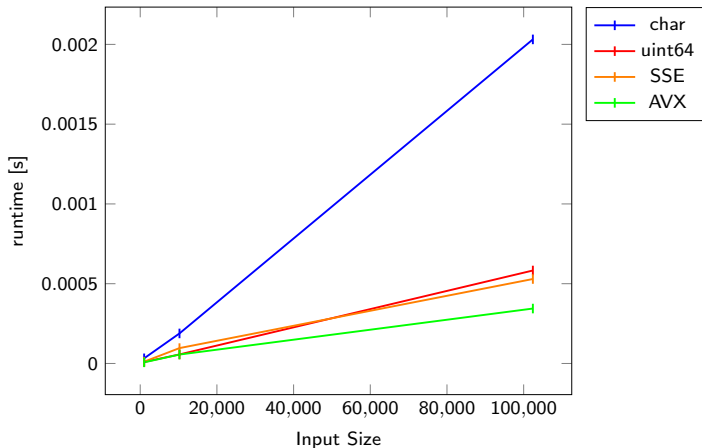# MP-Slice Runtimes Input Size Protocol -s 4 (OEC DUP)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 4 (OEC DUP)
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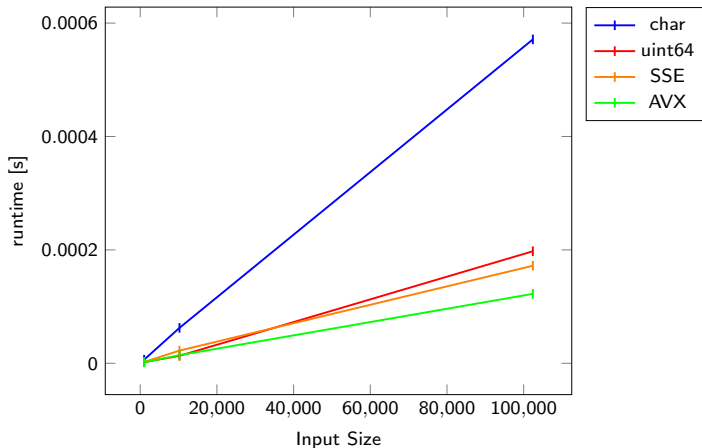# MP-Slice Runtimes Input Size Protocol -s 4 (OEC DUP)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 4 (OEC DUP)
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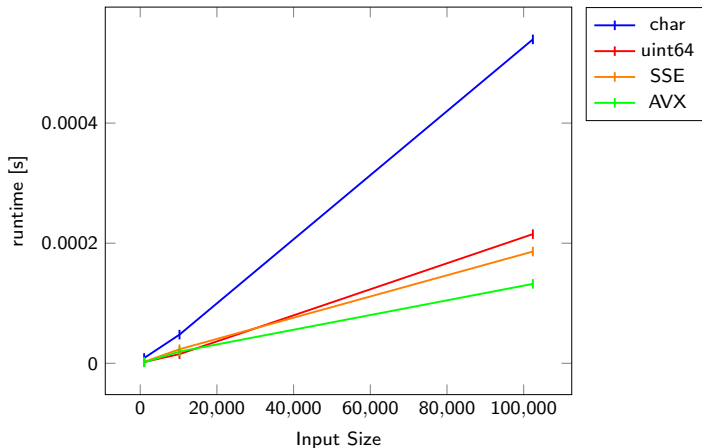# MP-Slice Runtimes Input Size Protocol -s 4 (OEC DUP)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 4 (OEC DUP)
- Metric: Input Size - runtime
- Switches: Preprocessing: 1, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

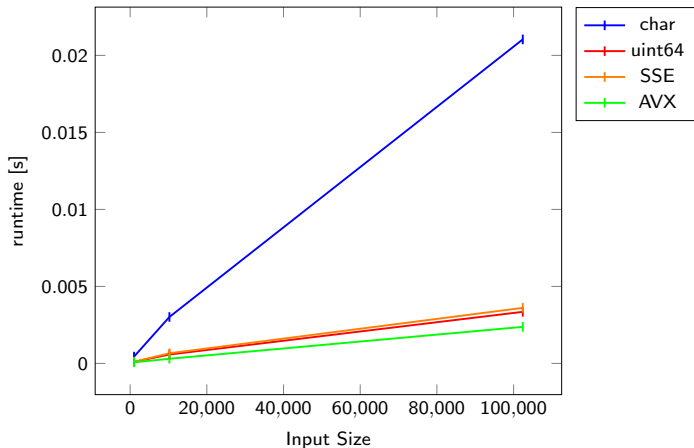# MP-Slice Runtimes Input Size Protocol -s 4 (OEC DUP)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 4 (OEC DUP)
- Metric: Input Size - runtime
- Switches: Preprocessing: 1, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
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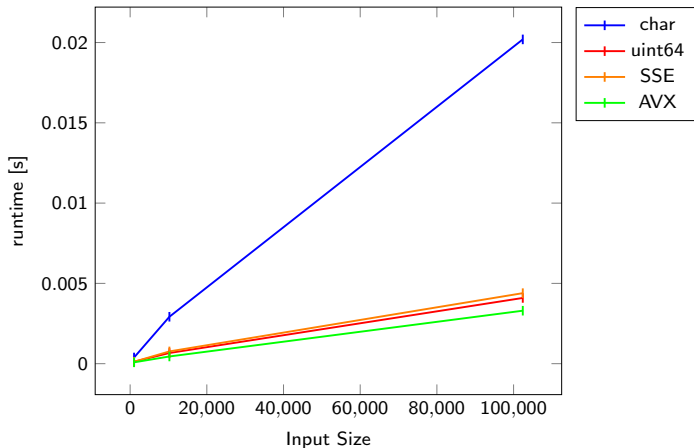# MP-Slice Runtimes Input Size Protocol -s 5 (OEC REP)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 5 (OEC REP)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

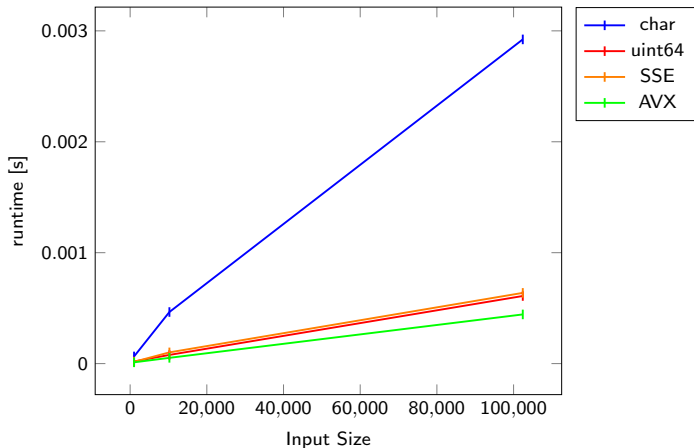# MP-Slice Runtimes Input Size Protocol -s 5 (OEC REP)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 5 (OEC REP)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

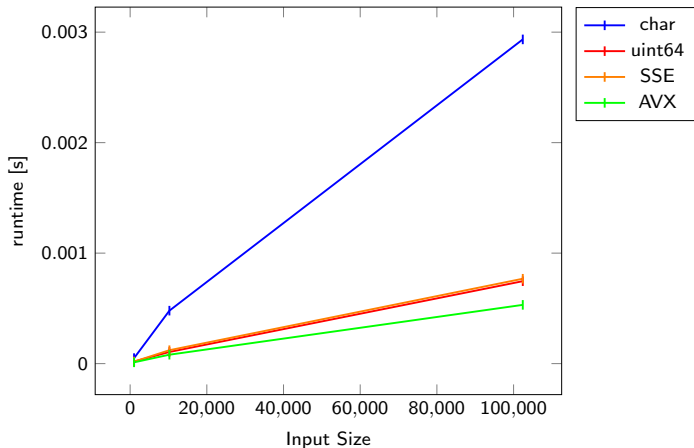# MP-Slice Runtimes Input Size Protocol -s 5 (OEC REP)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 5 (OEC REP)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
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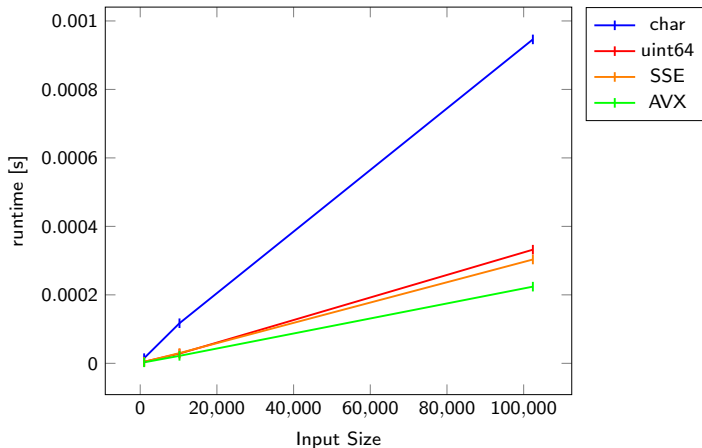# MP-Slice Runtimes Input Size Protocol -s 5 (OEC REP)

- – Ref.Problem: Scalable Search
- – Library: MP-Slice - Protocol -s 5 (OEC REP)
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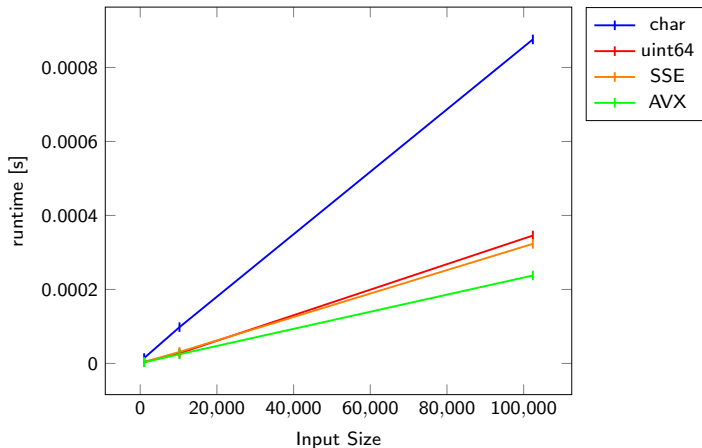# MP-Slice Runtimes Input Size Protocol -s 5 (OEC REP)

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- Library: MP-Slice - Protocol -s 5 (OEC REP)
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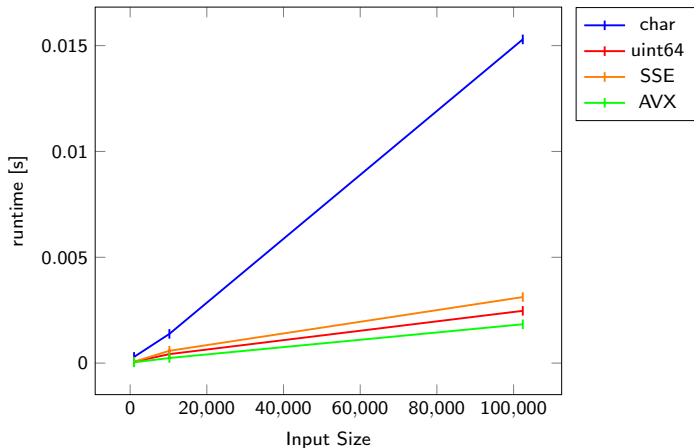# MP-Slice Runtimes Input Size Protocol -s 5 (OEC REP)

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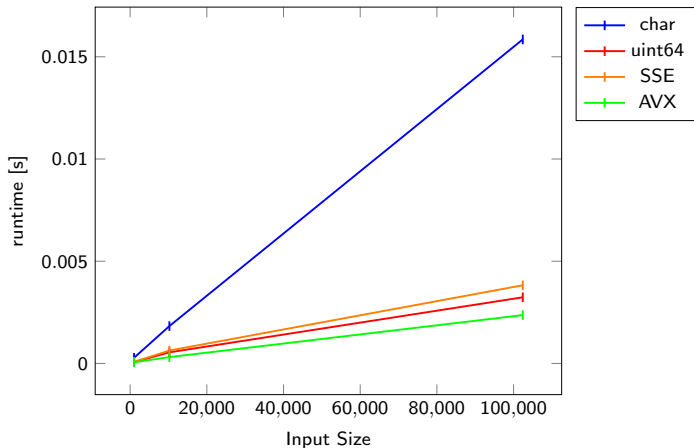# MP-Slice Runtimes Input Size Protocol -s 5 (OEC REP)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 5 (OEC REP)
- Metric: Input Size - runtime
- Switches: Preprocessing: 1, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

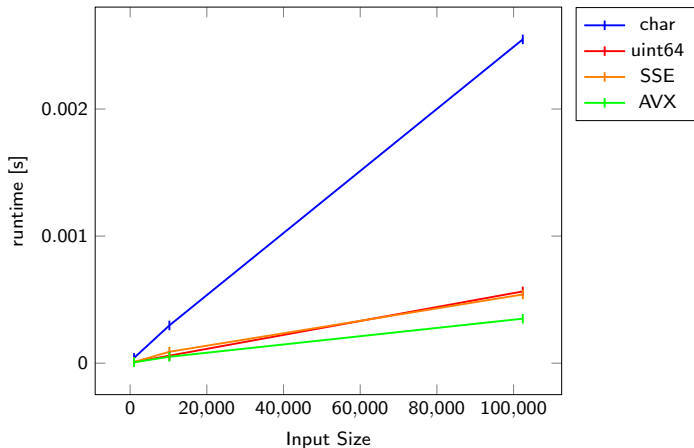# MP-Slice Runtimes Input Size Protocol -s 5 (OEC REP)

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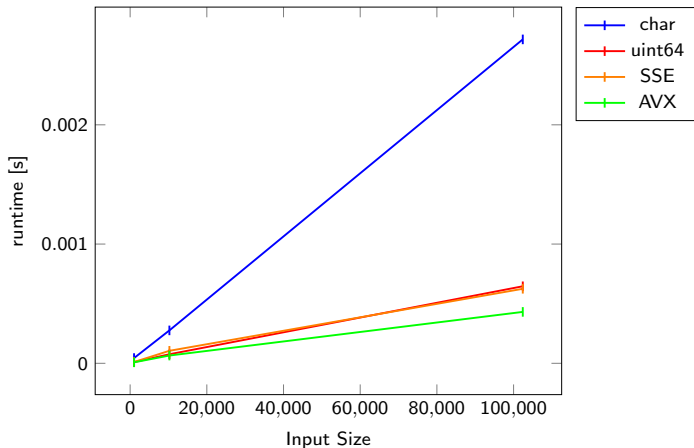# MP-Slice Runtimes Input Size Protocol -s 5 (OEC REP)

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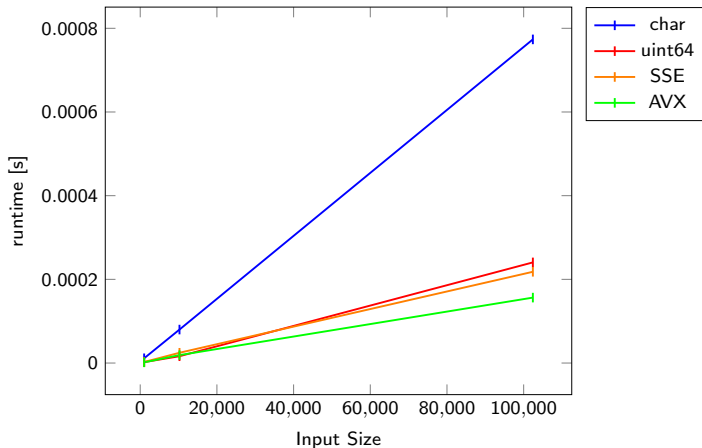# MP-Slice Runtimes Input Size Protocol -s 5 (OEC REP)

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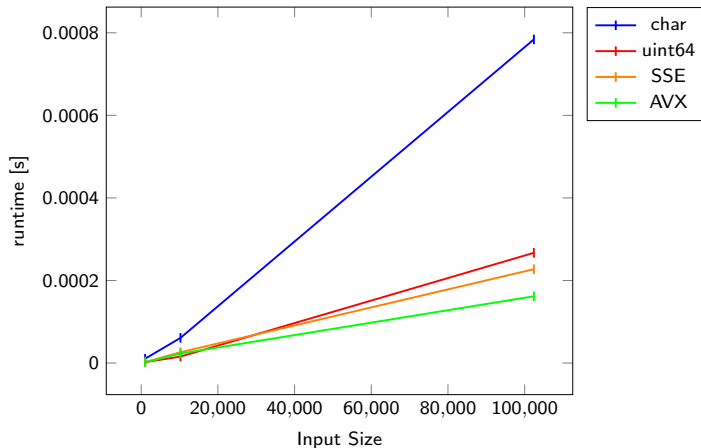MP-Slice Runtimes Input Size Protocol -s 5 (OEC REP)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 5 (OEC REP)
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- Switches: Preprocessing: 1, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
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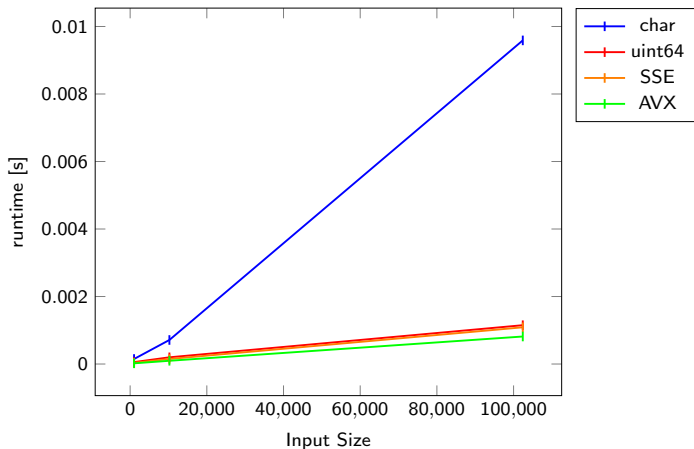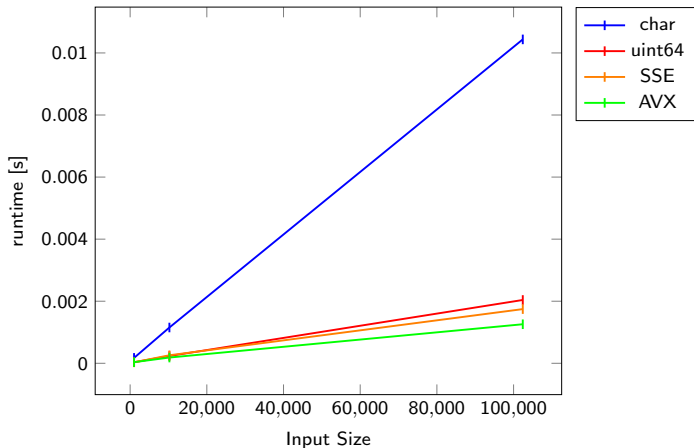# MP-Slice Runtimes Input Size Protocol -s 5 (OEC REP)

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MP-Slice Runtimes Input Size Protocol -s 6 (TTP)

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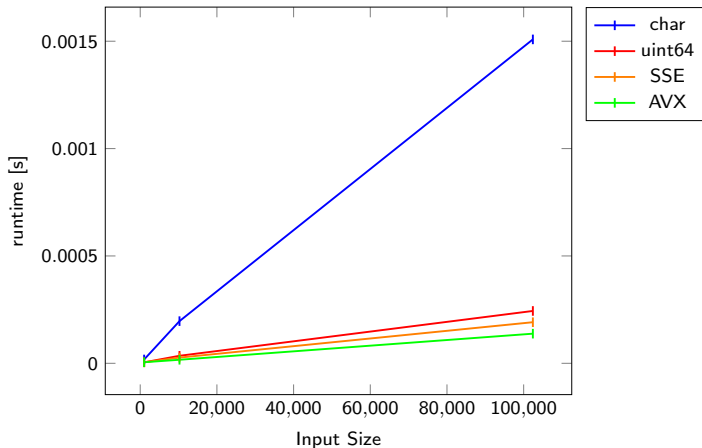# MP-Slice Runtimes Input Size Protocol -s 6 (TTP)

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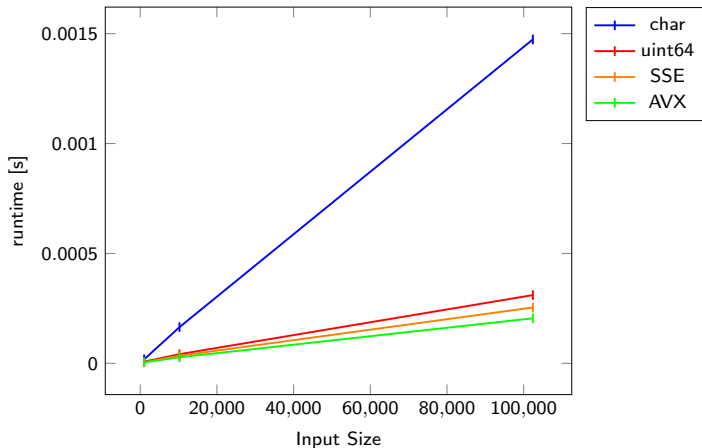# MP-Slice Runtimes Input Size Protocol -s 6 (TTP)

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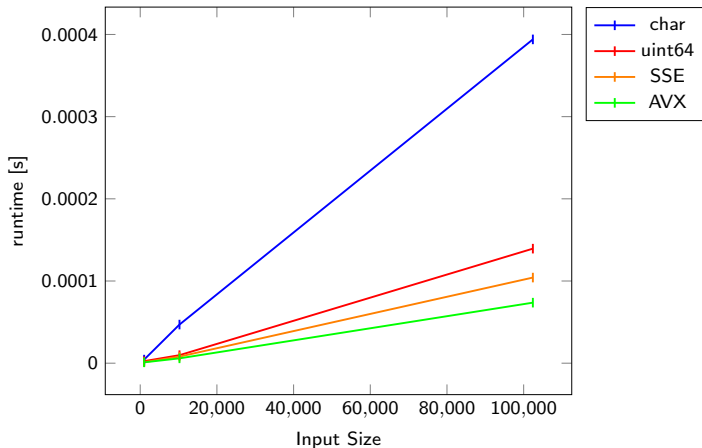# MP-Slice Runtimes Input Size Protocol -s 6 (TTP)

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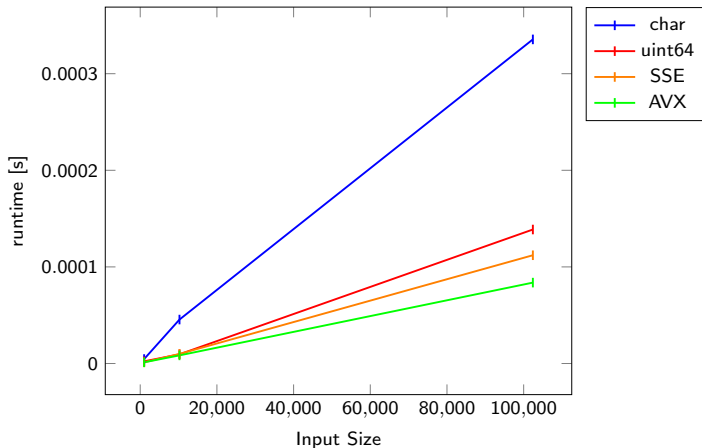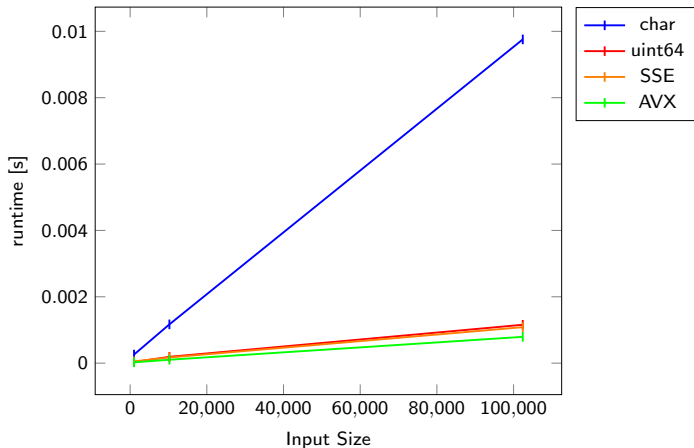# MP-Slice Runtimes Input Size Protocol -s 6 (TTP)

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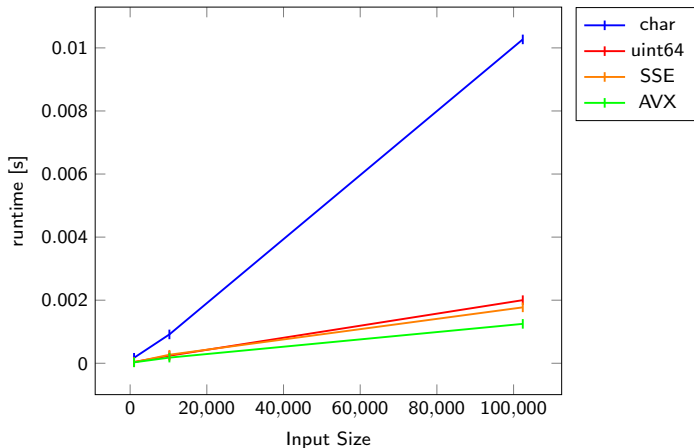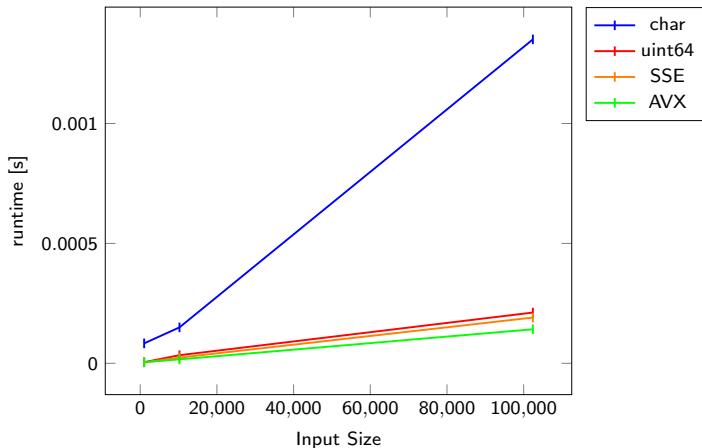# MP-Slice Runtimes Input Size Protocol -s 6 (TTP)

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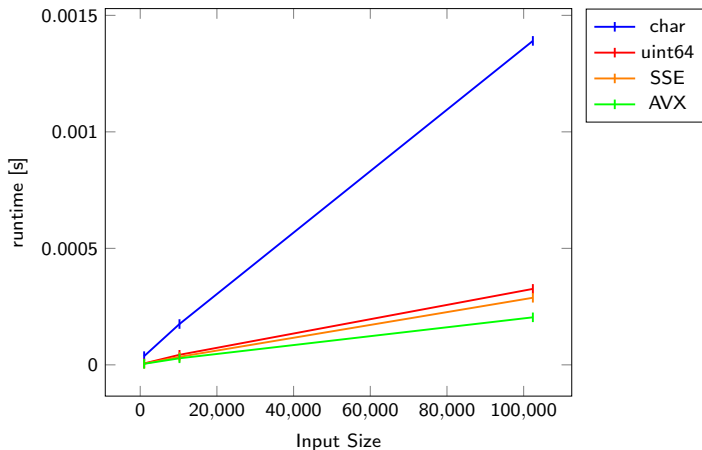# MP-Slice Runtimes Input Size Protocol -s 6 (TTP)

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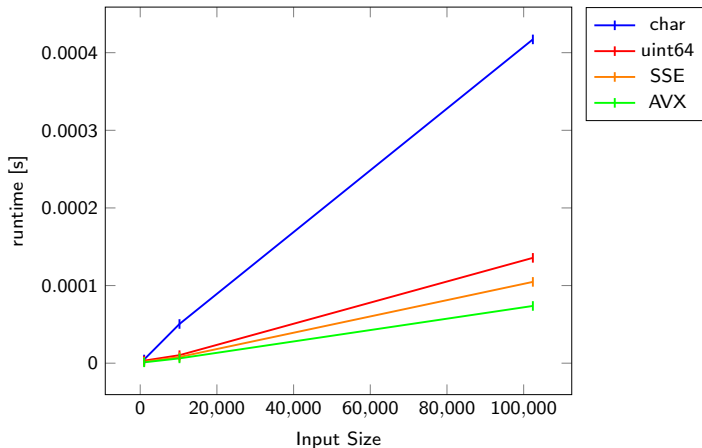# MP-Slice Runtimes Input Size Protocol -s 6 (TTP)

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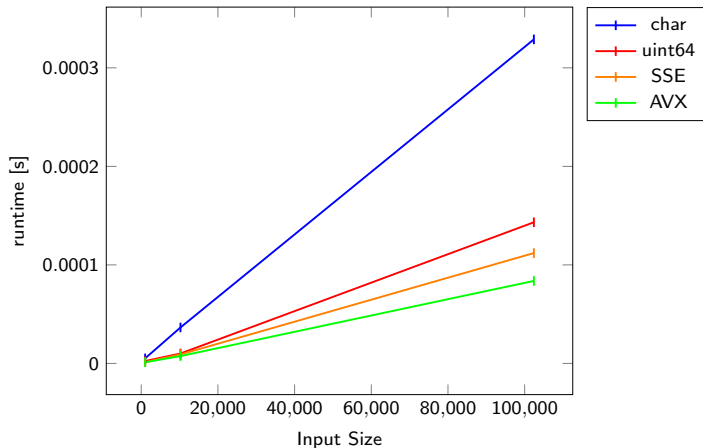# MP-Slice Runtimes Input Size Protocol -s 6 (TTP)

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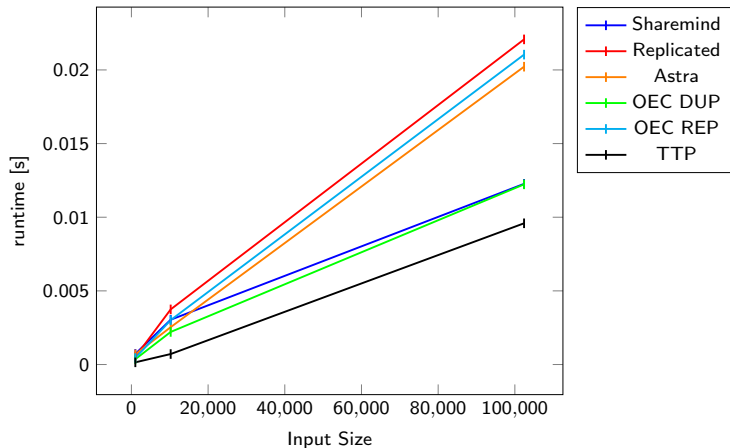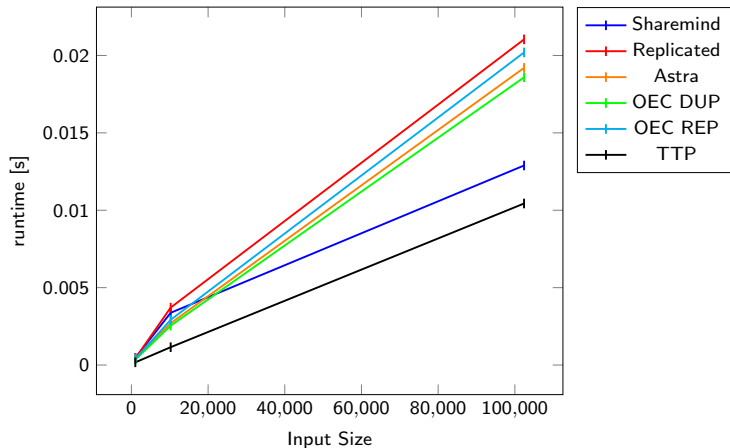# MP-Slice Runtimes Input Size Protocol -s 6 (TTP)

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MP-Slice Runtimes Input Size Datatype -d d8 (char)

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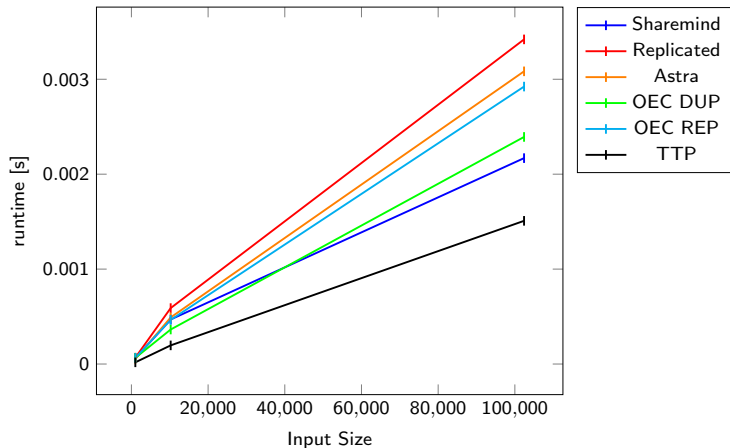# MP-Slice Runtimes Input Size Datatype -d d8 (char)

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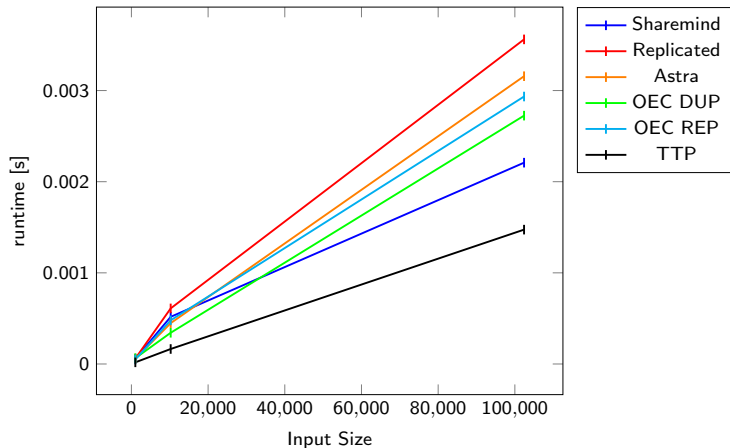# MP-Slice Runtimes Input Size Datatype -d d8 (char)

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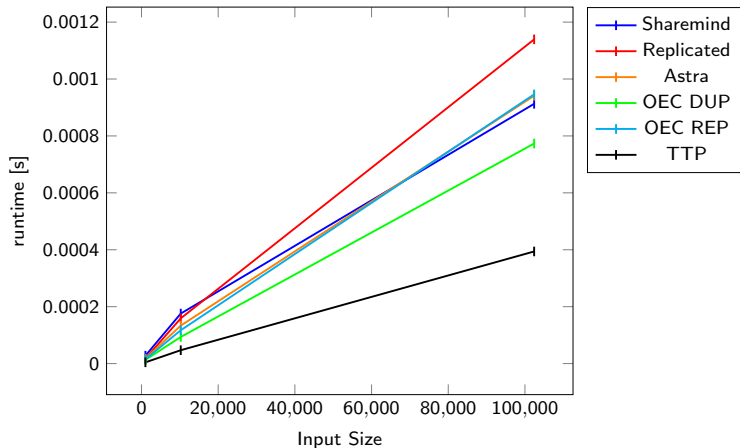
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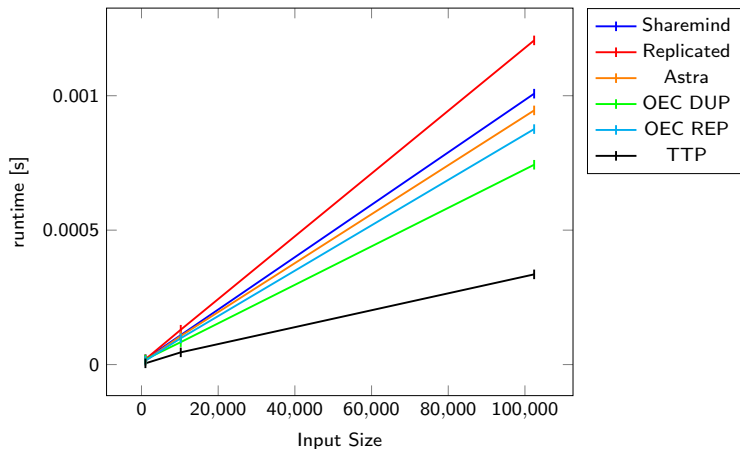
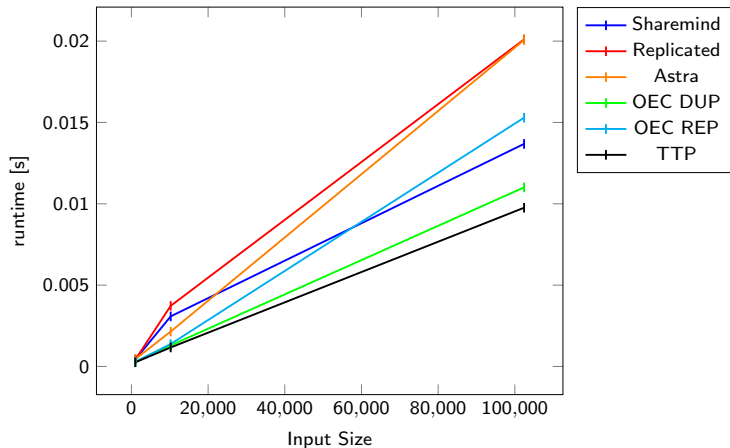# MP-Slice Runtimes Input Size Datatype -d d8 (char)

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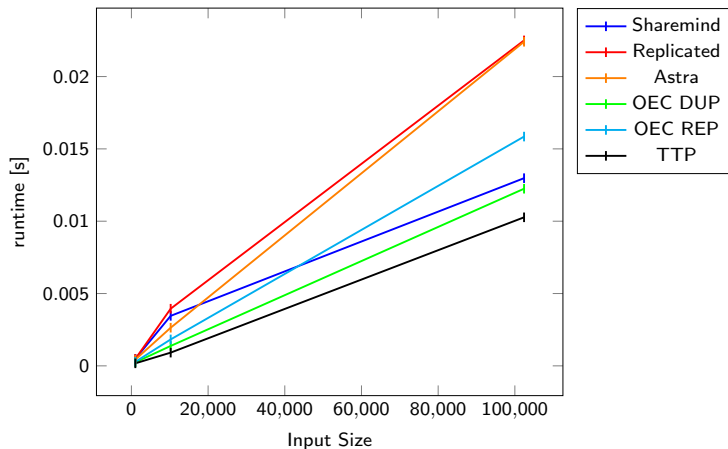# MP-Slice Runtimes Input Size Datatype -d d8 (char)

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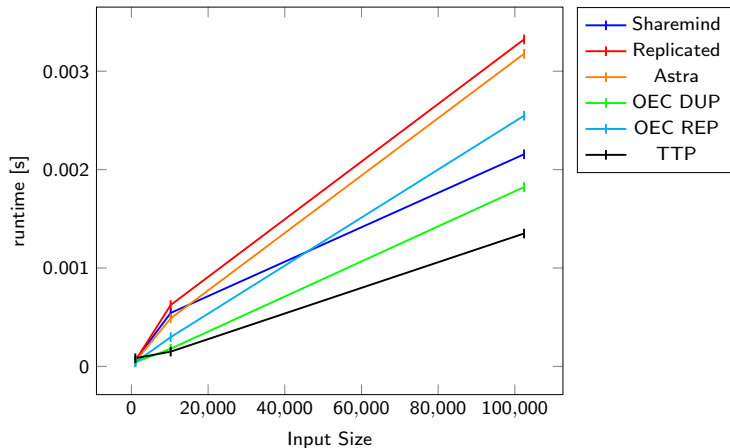# MP-Slice Runtimes Input Size Datatype -d d8 (char)

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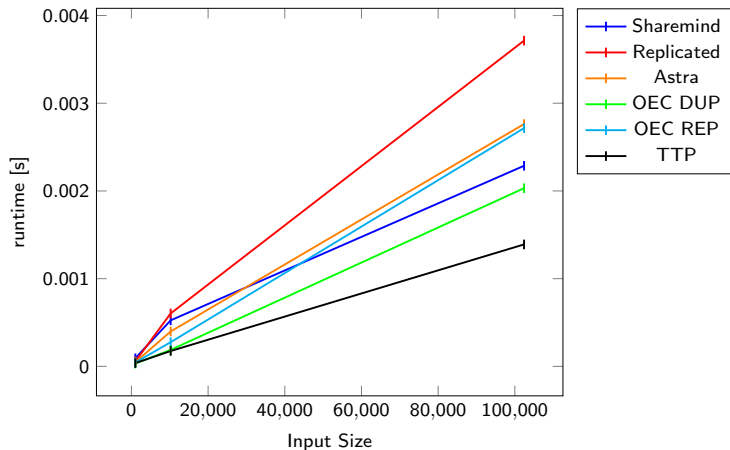# MP-Slice Runtimes Input Size Datatype -d d8 (char)

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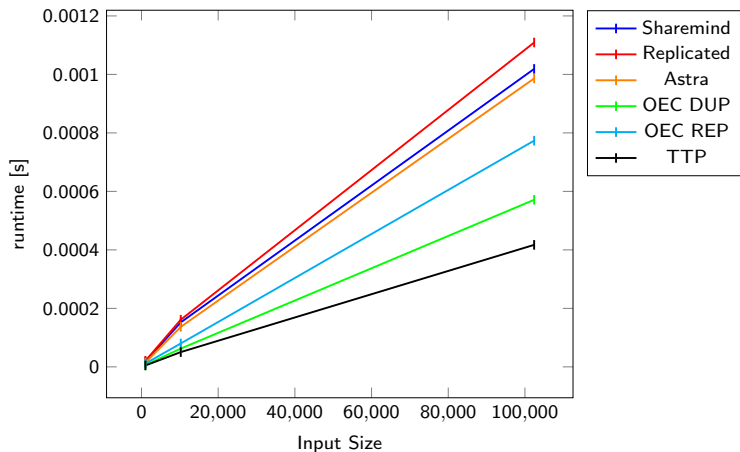# MP-Slice Runtimes Input Size Datatype -d d8 (char)

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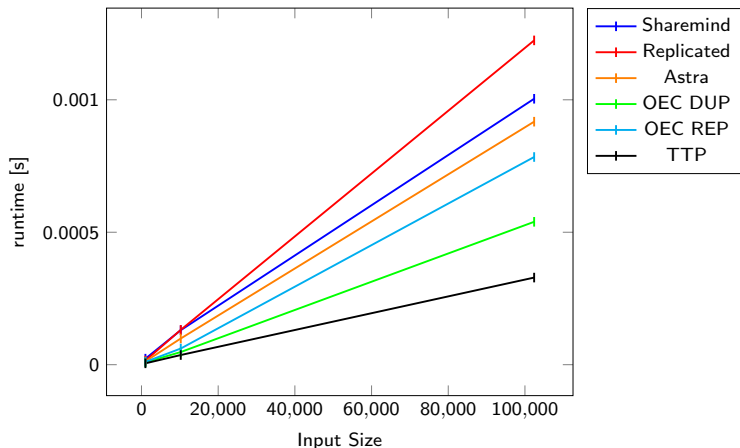# MP-Slice Runtimes Input Size Datatype -d d8 (char)

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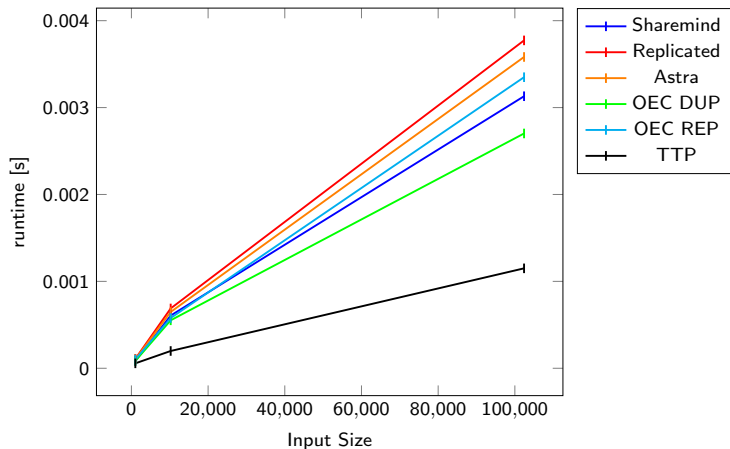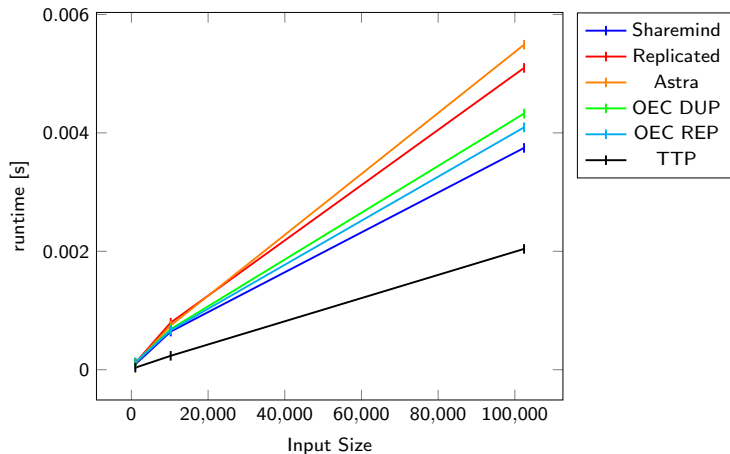# MP-Slice Runtimes Input Size Datatype -d d8 (char)

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MP-Slice Runtimes Input Size Datatype -d d64 (uint64)

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- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
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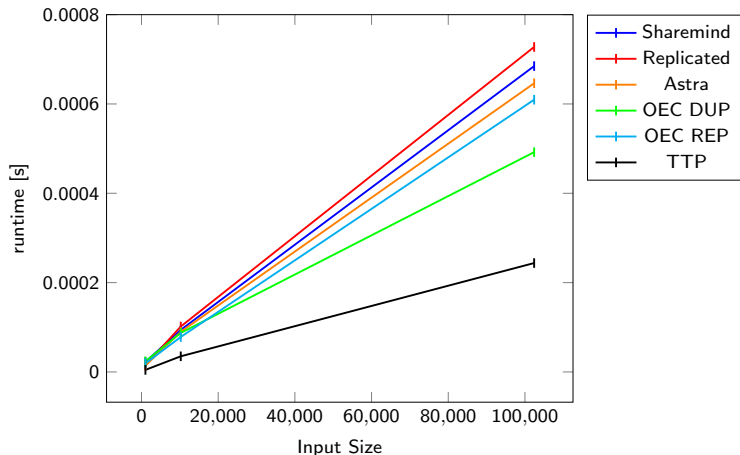# MP-Slice Runtimes Input Size Datatype -d d64 (uint64)

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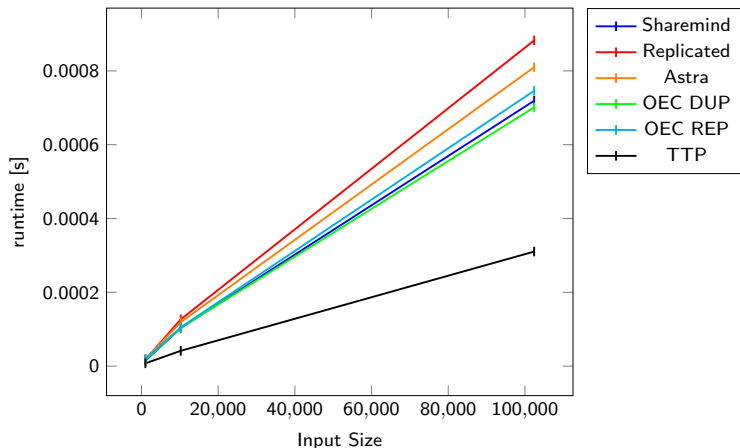# MP-Slice Runtimes Input Size Datatype -d d64 (uint64)

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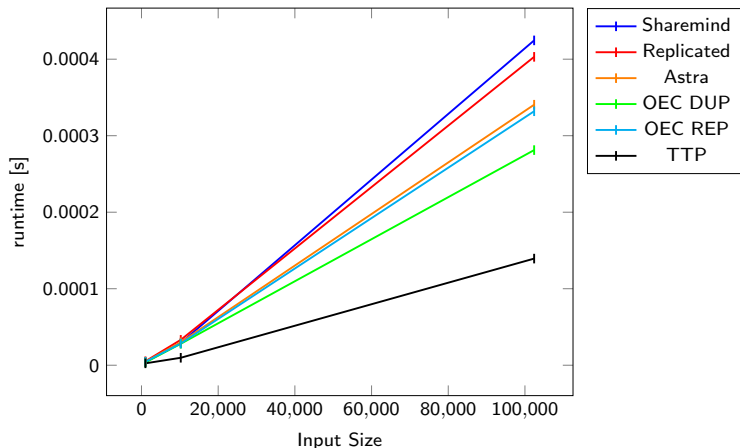# MP-Slice Runtimes Input Size Datatype -d d64 (uint64)

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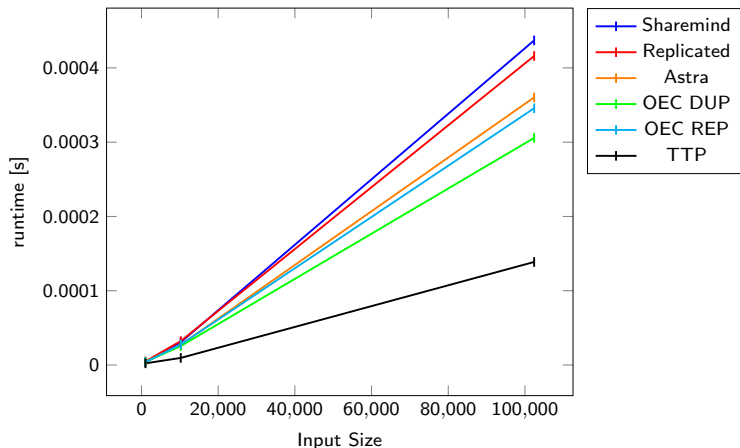# MP-Slice Runtimes Input Size Datatype -d d64 (uint64)

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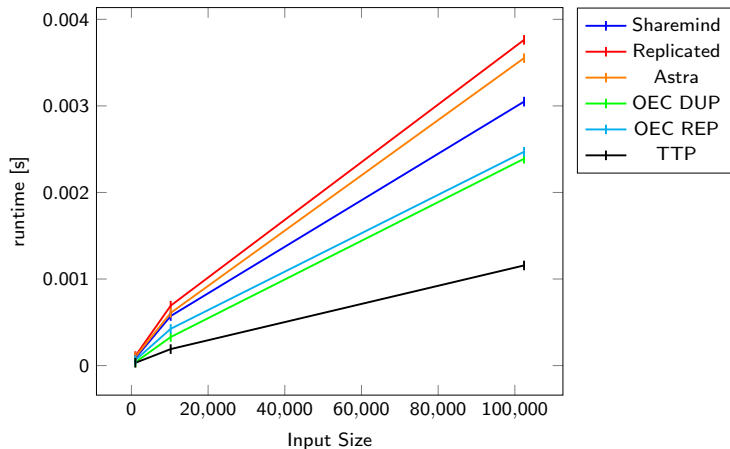# MP-Slice Runtimes Input Size Datatype -d d64 (uint64)

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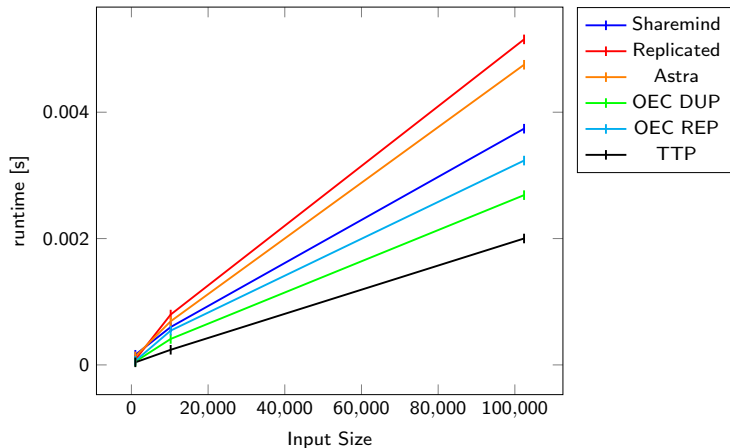# MP-Slice Runtimes Input Size Datatype -d d64 (uint64)

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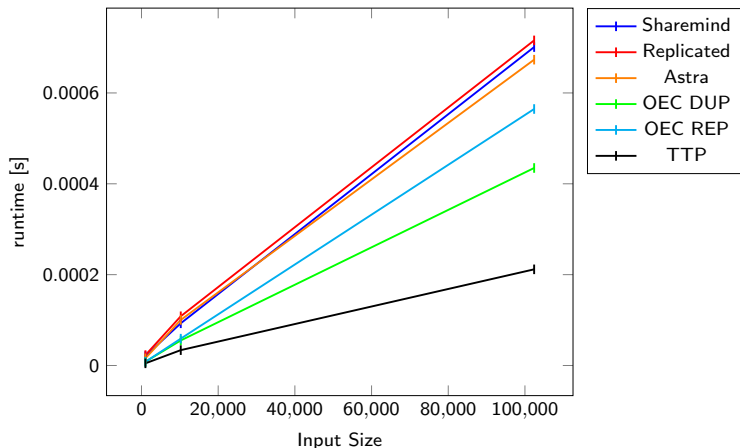# MP-Slice Runtimes Input Size Datatype -d d64 (uint64)

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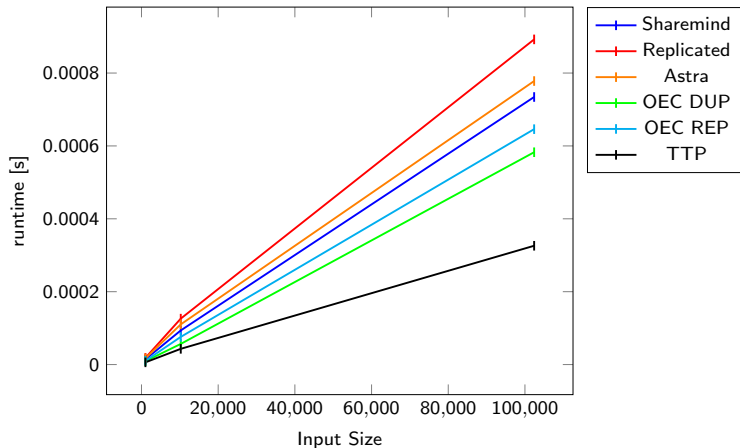# MP-Slice Runtimes Input Size Datatype -d d64 (uint64)

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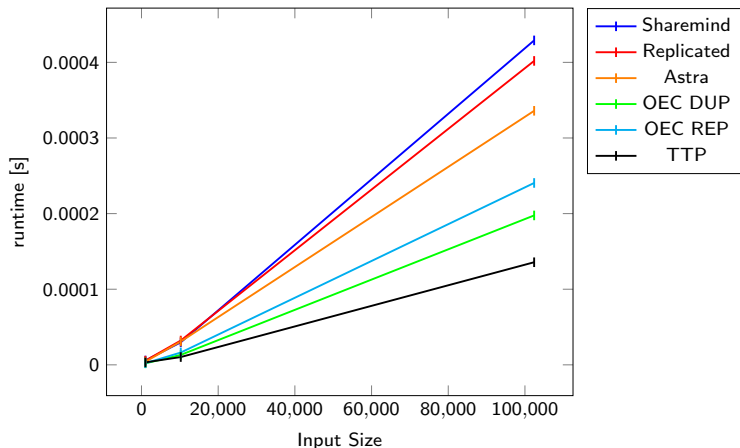# MP-Slice Runtimes Input Size Datatype -d d64 (uint64)

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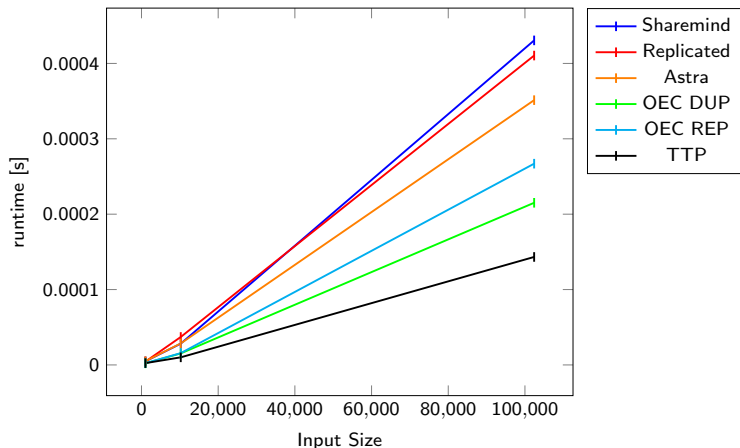# MP-Slice Runtimes Input Size Datatype -d d64 (uint64)

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- Switches: Preprocessing: 1, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
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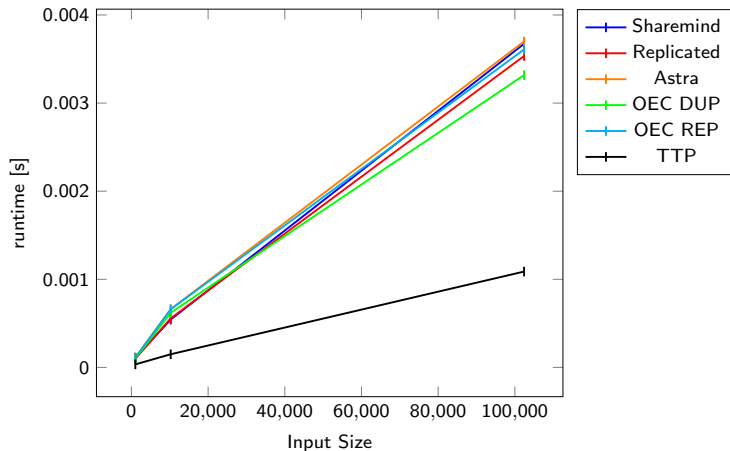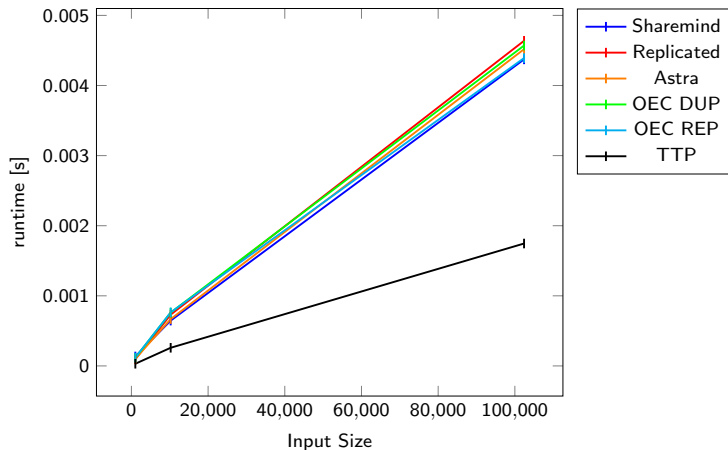# MP-Slice Runtimes Input Size Datatype -d d64 (uint64)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d64 (uint64)
- Metric: Input Size - runtime
- Switches: Preprocessing: 1, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

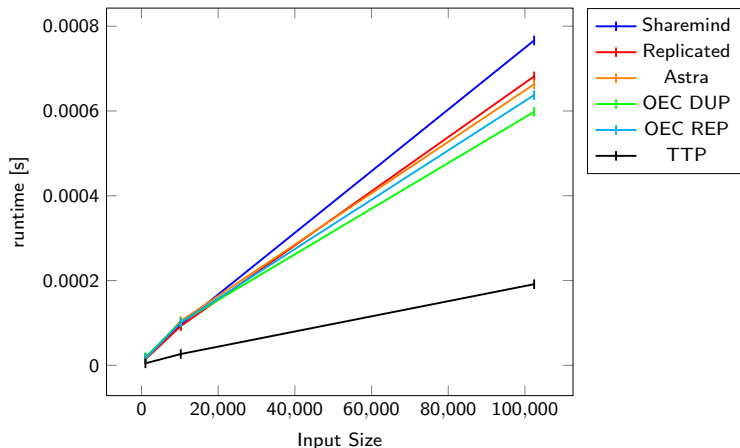# MP-Slice Runtimes Input Size Datatype -d d128 (SSE)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d128 (SSE)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Datatype -d d128 (SSE)

- – Ref.Problem: Scalable Search
- – Library: MP-Slice - Datatype -d d128 (SSE)
- – Metric: Input Size - runtime
- – Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
- – Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits
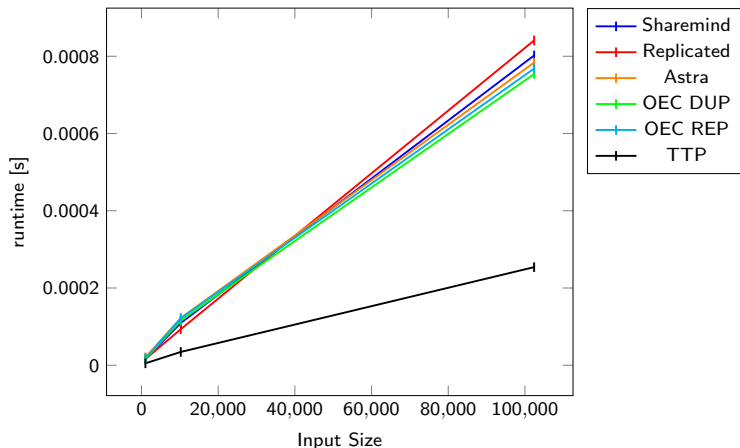
MP-Slice Runtimes Input Size Datatype -d d128 (SSE)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d128 (SSE)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

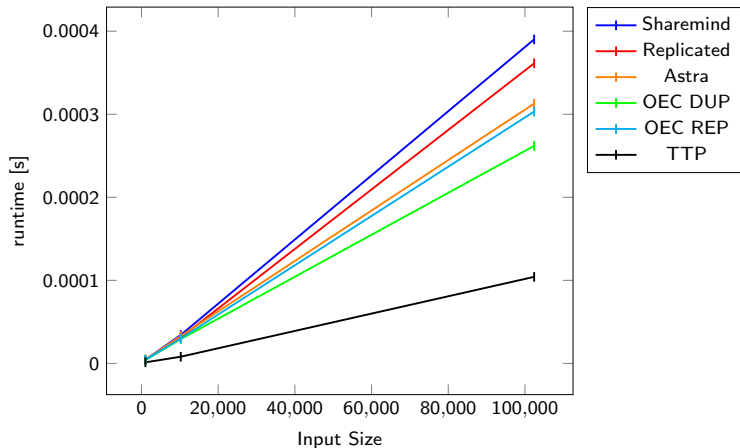# MP-Slice Runtimes Input Size Datatype -d d128 (SSE)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d128 (SSE)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

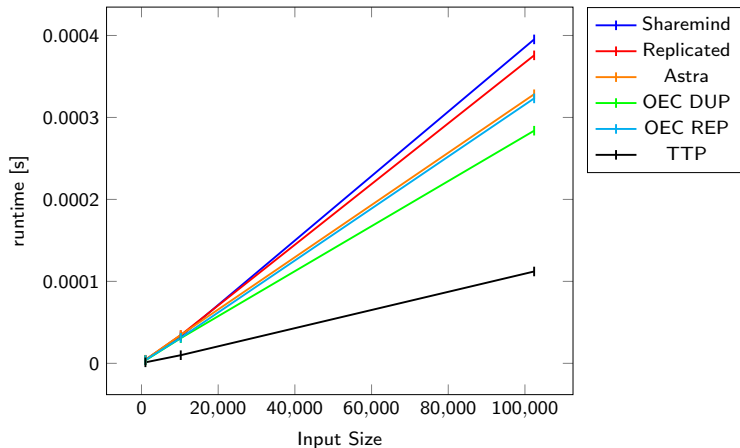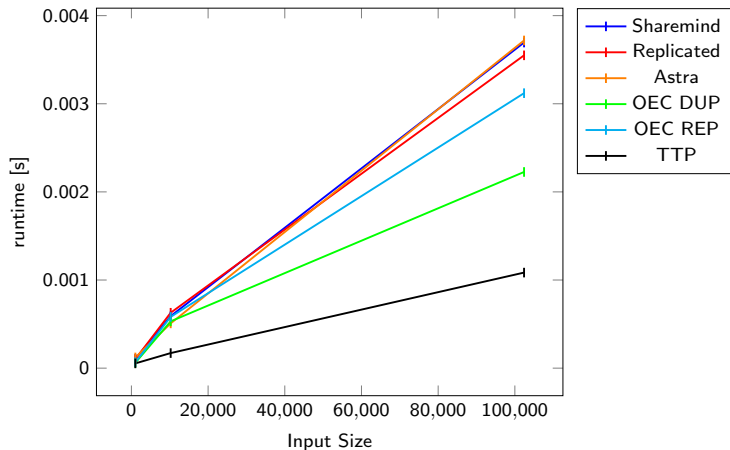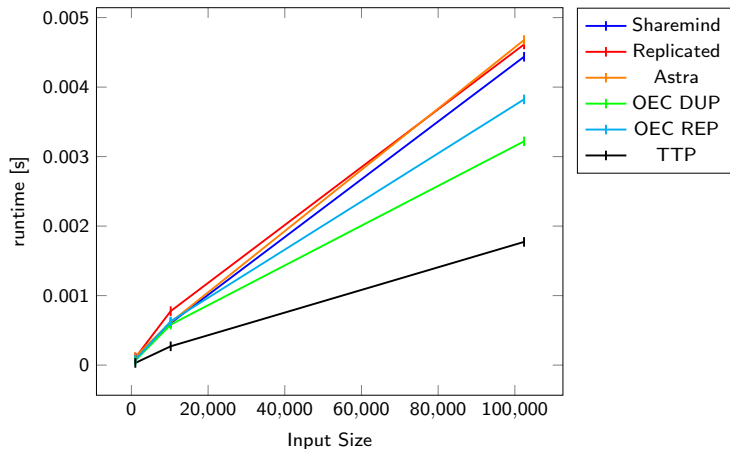# MP-Slice Runtimes Input Size Datatype -d d128 (SSE)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d128 (SSE)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Datatype -d d128 (SSE)

- − Ref.Problem: Scalable Search
- − Library: MP-Slice - Datatype -d d128 (SSE)
- − Metric: Input Size - runtime
- − Switches: Preprocessing: 0, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
- − Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Datatype -d d128 (SSE)

- – Ref.Problem: Scalable Search
- – Library: MP-Slice - Datatype -d d128 (SSE)
- – Metric: Input Size - runtime
- – Switches: Preprocessing: 1, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- – Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits
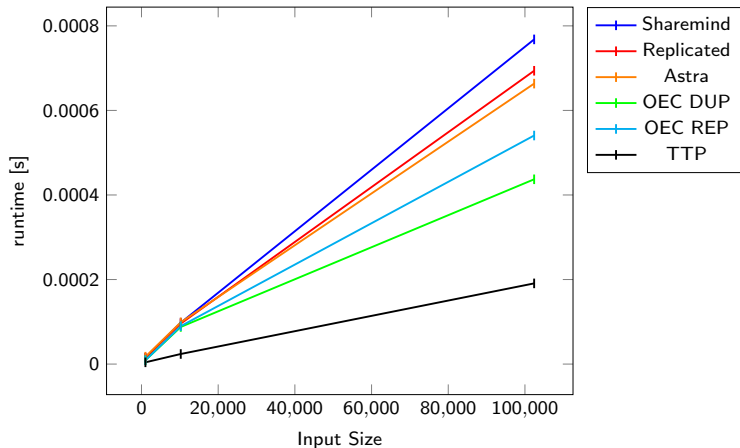
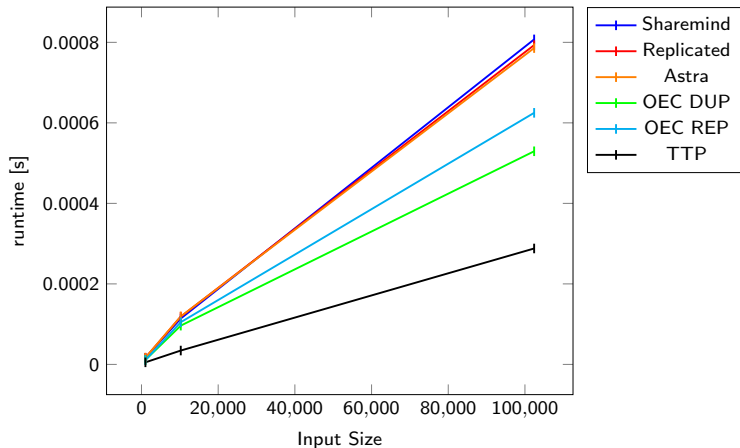# MP-Slice Runtimes Input Size Datatype -d d128 (SSE)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d128 (SSE)
- Metric: Input Size - runtime
- Switches: Preprocessing: 1, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Datatype -d d128 (SSE)

- – Ref.Problem: Scalable Search
- – Library: MP-Slice - Datatype -d d128 (SSE)
- – Metric: Input Size - runtime
- – Switches: Preprocessing: 1, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- – Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits
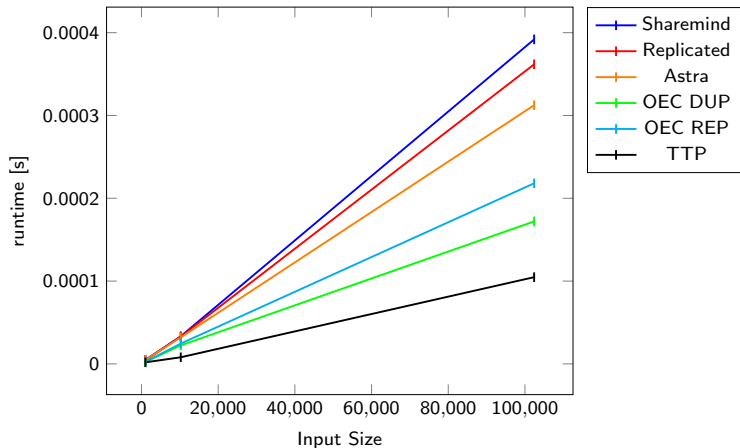
MP-Slice Runtimes Input Size Datatype -d d128 (SSE)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d128 (SSE)
- Metric: Input Size - runtime
- Switches: Preprocessing: 1, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

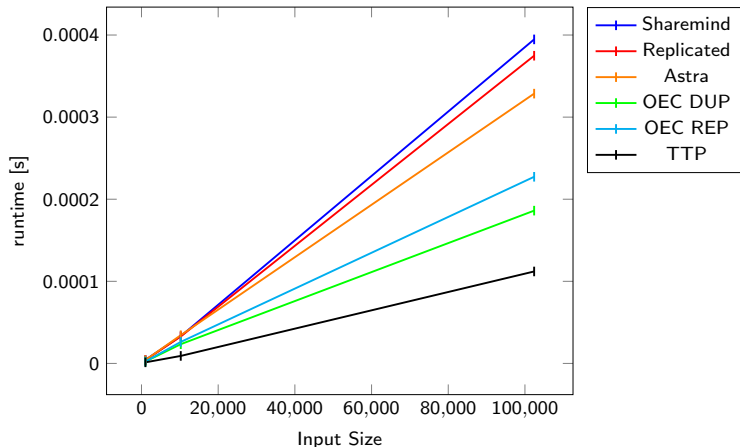# MP-Slice Runtimes Input Size Datatype -d d128 (SSE)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d128 (SSE)
- Metric: Input Size - runtime
- Switches: Preprocessing: 1, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

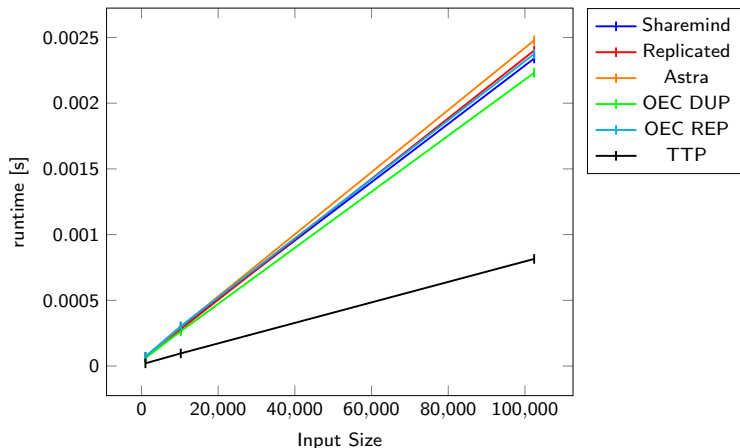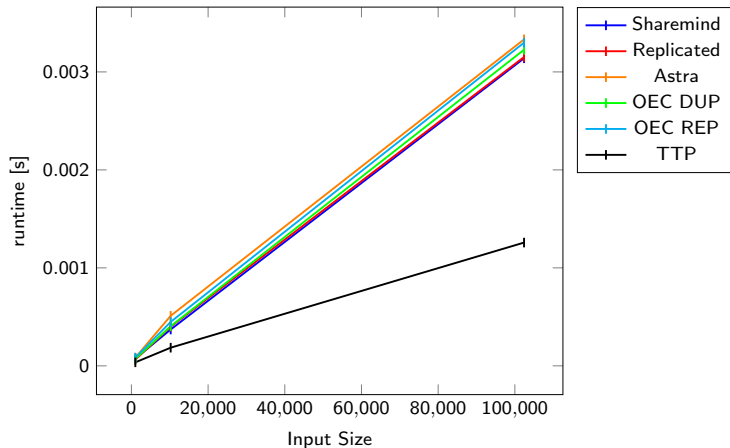# MP-Slice Runtimes Input Size Datatype -d d128 (SSE)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d128 (SSE)
- Metric: Input Size - runtime
- Switches: Preprocessing: 1, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Datatype -d d256 (AVX)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d256 (AVX)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

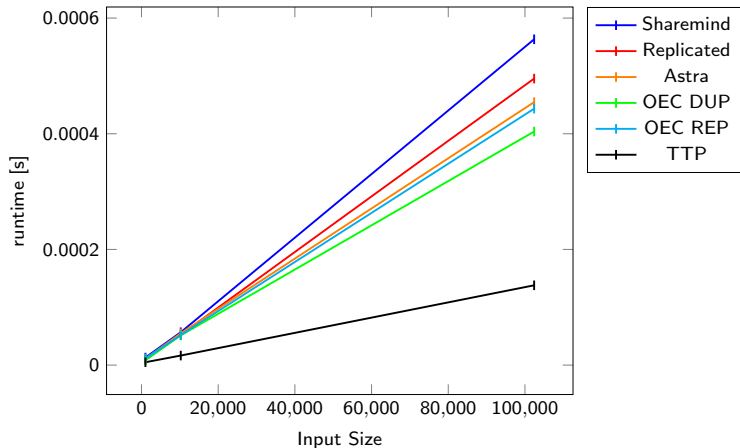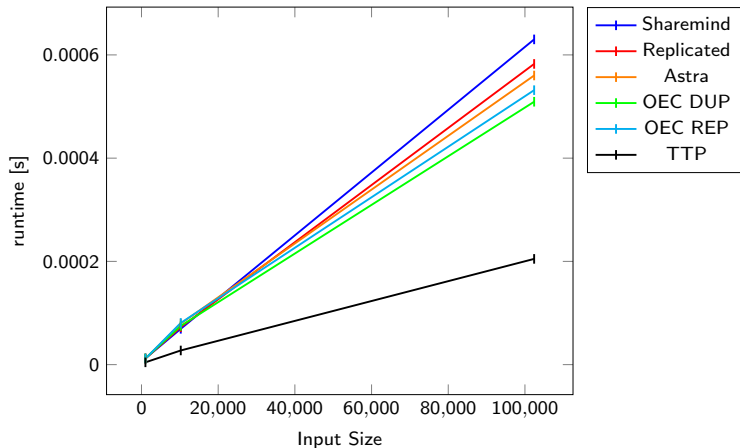# MP-Slice Runtimes Input Size Datatype -d d256 (AVX)

- Ref.Problem: Scalable Search

- Library: MP-Slice - Datatype -d d256 (AVX)

- Metric: Input Size - runtime

- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0

- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Datatype -d d256 (AVX)

- – Ref.Problem: Scalable Search
- – Library: MP-Slice - Datatype -d d256 (AVX)
- – Metric: Input Size - runtime
- – Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- – Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits
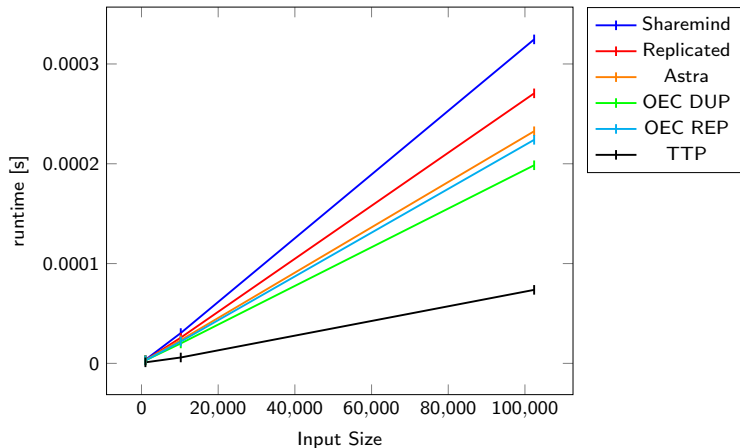
MP-Slice Runtimes Input Size Datatype -d d256 (AVX)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d256 (AVX)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

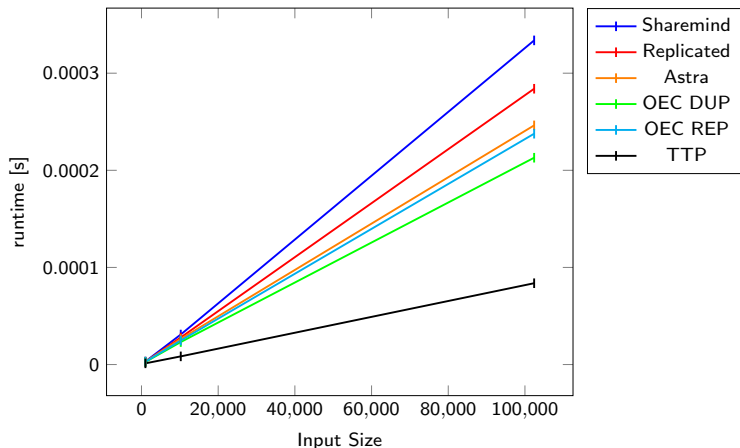# MP-Slice Runtimes Input Size Datatype -d d256 (AVX)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d256 (AVX)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
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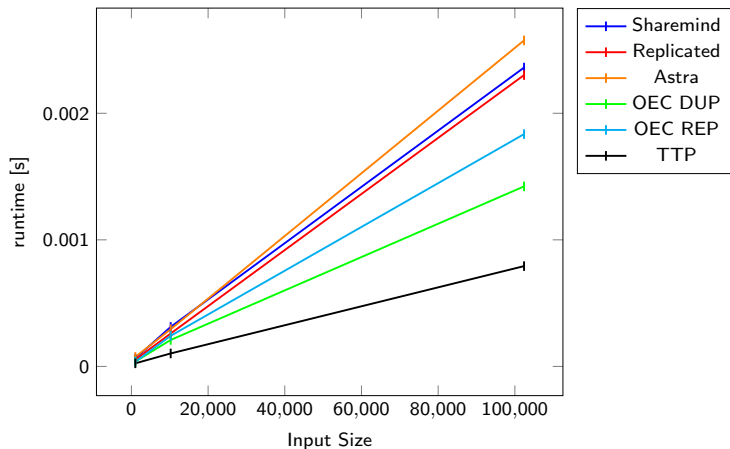# MP-Slice Runtimes Input Size Datatype -d d256 (AVX)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d256 (AVX)
- Metric: Input Size - runtime
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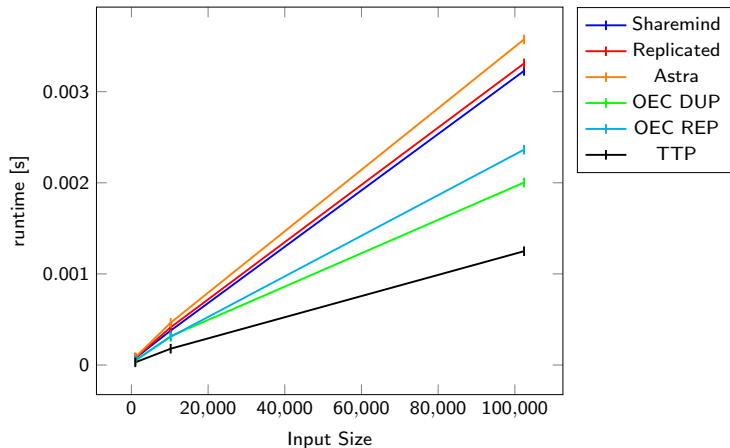# MP-Slice Runtimes Input Size Datatype -d d256 (AVX)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d256 (AVX)
- Metric: Input Size - runtime
- Switches: Preprocessing: 1, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

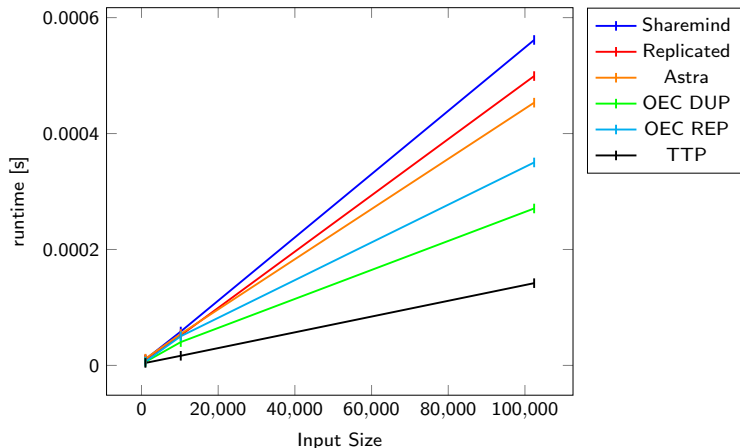# MP-Slice Runtimes Input Size Datatype -d d256 (AVX)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d256 (AVX)
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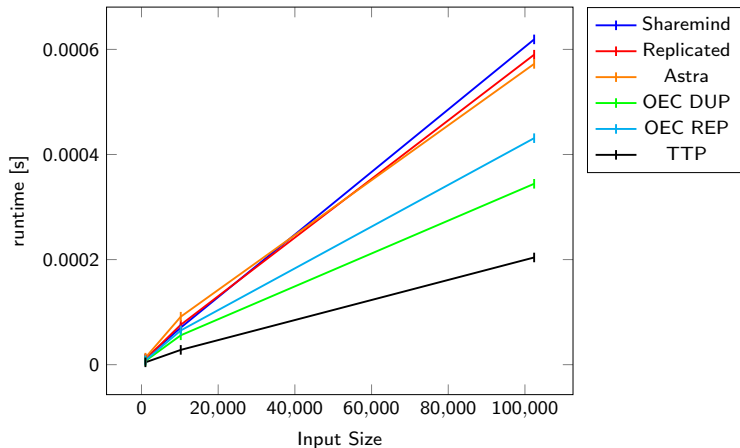# MP-Slice Runtimes Input Size Datatype -d d256 (AVX)

- Ref.Problem: Scalable Search

- Library: MP-Slice - Datatype -d d256 (AVX)

- Metric: Input Size - runtime

- Switches: Preprocessing: 1, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0

- Specs: algofi AMD 7543(2.8GHz) 512GiB 25Gbits

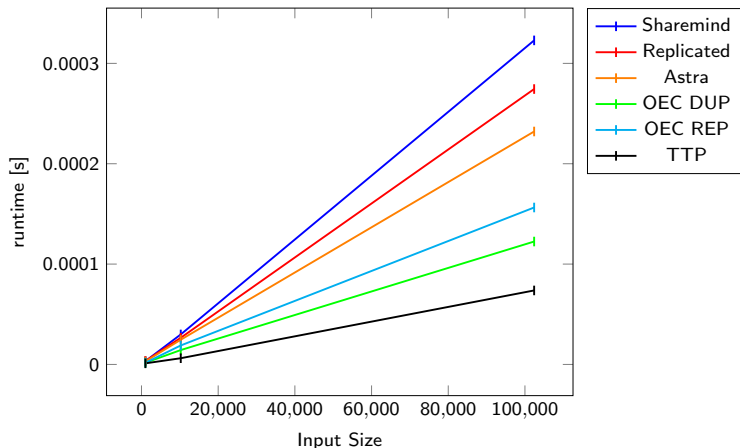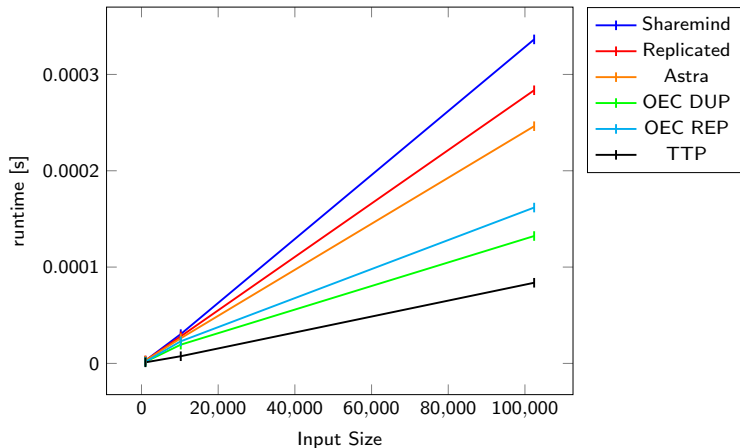# MP-Slice Runtimes Input Size Datatype -d d256 (AVX)

- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d256 (AVX)
- Metric: Input Size - runtime
- Switches: Preprocessing: 1, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 1, Function: 0
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MP-Slice Runtimes Input Size Datatype -d d256 (AVX)

- – Ref.Problem: Scalable Search
- – Library: MP-Slice - Datatype -d d256 (AVX)
- – Metric: Input Size - runtime
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MP-Slice Runtimes Input Size Datatype -d d256 (AVX)

- Ref.Problem: Scalable Search
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