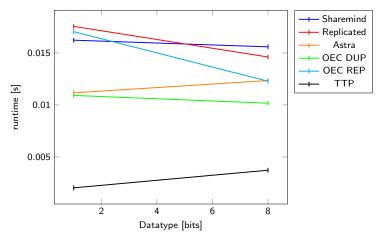
#### Sevarebench Measurement Results

MP-Slice Scalable Search

Various Measurements

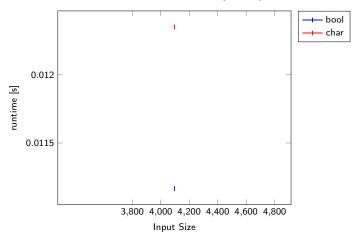
January 29, 2023

## MP-Slice Runtimes Datatype Fixed Input: 4096 -d d8 (char)



- Ref.Problem: Scalable Search
- Library: MP-Slice Fixed Input: 4096 -d d8 (char)
- Metric: Datatype runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1
- Specs: 7543(2.8GHz) 512GiB 25Gbits

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



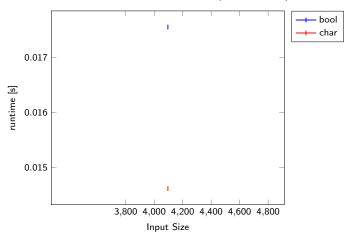
Ref.Problem: Scalable Search

Library: MP-Slice - Protocol -s 3 (Astra)

- Metric: Input Size - runtime

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

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



Ref.Problem: Scalable Search

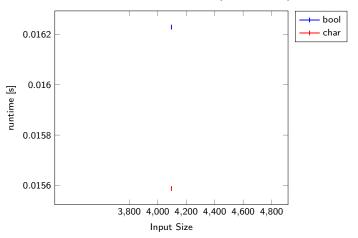
Library: MP-Slice - Protocol -s 2 (Replicated)

- Metric: Input Size - runtime

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



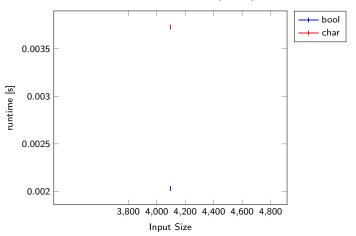
### MP-Slice Runtimes Input Size Protocol -s 1 (Sharemind)



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



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



- Ref.Problem: Scalable Search

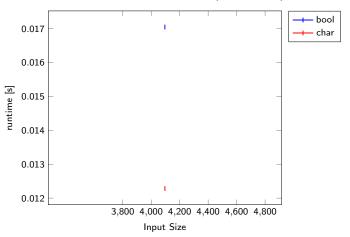
- Library: MP-Slice - Protocol -s 6 (TTP)

- Metric: Input Size - runtime

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



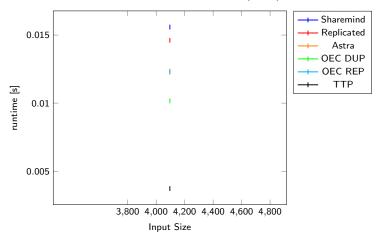
#### MP-Slice Runtimes Input Size Protocol -s 5 (OEC REP)



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



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



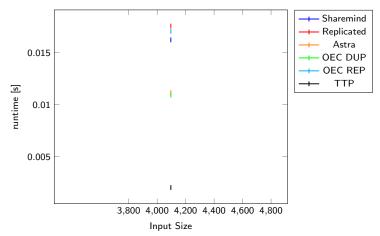
Ref.Problem: Scalable Search

Library: MP-Slice - Datatype -d d8 (char)

- Metric: Input Size - runtime

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

# MP-Slice Runtimes Input Size Datatype -d d1 (bool)



- Ref.Problem: Scalable Search

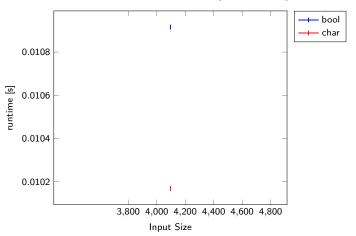
- Library: MP-Slice - Datatype -d d1 (bool)

- Metric: Input Size - runtime

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



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

