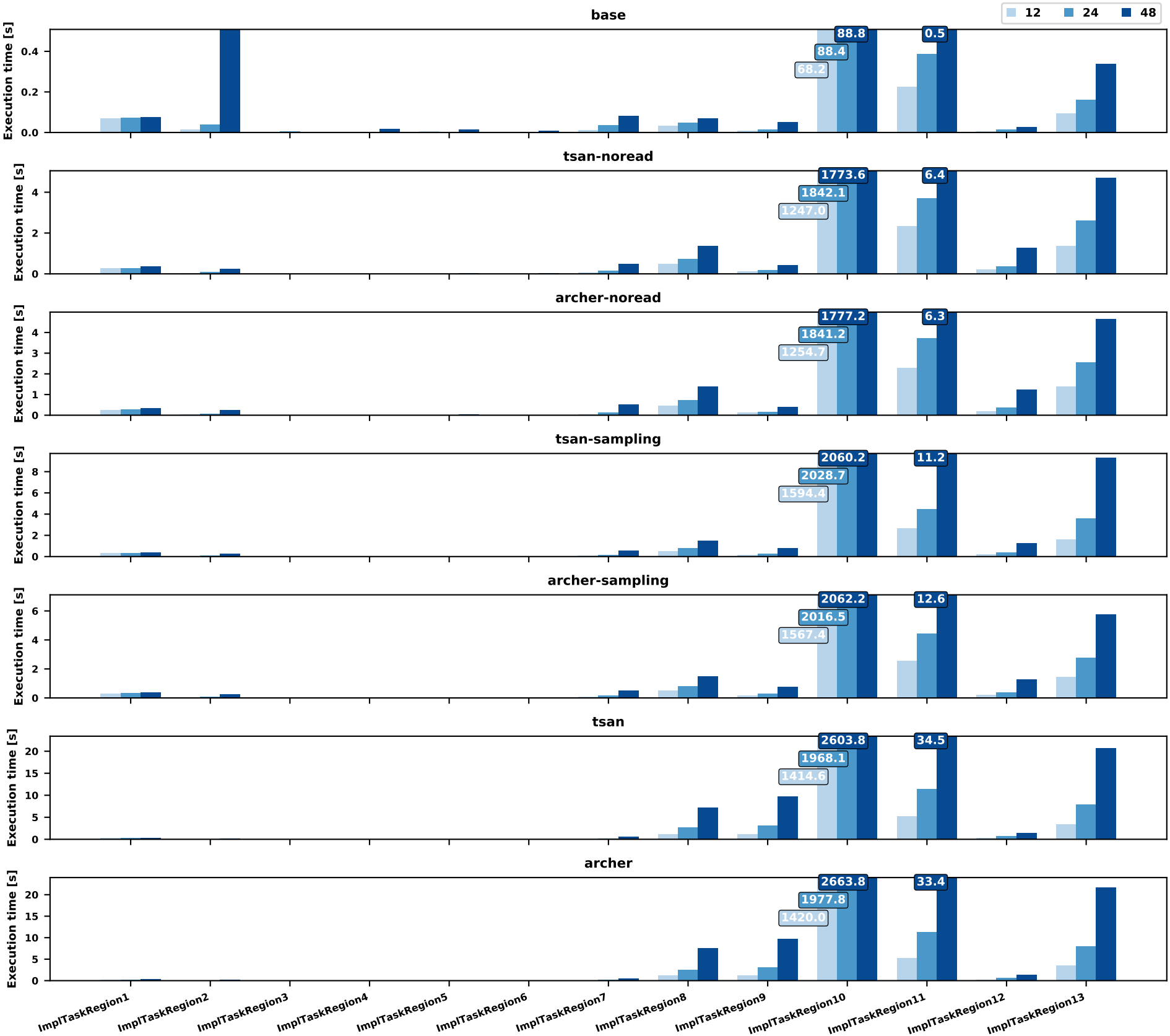
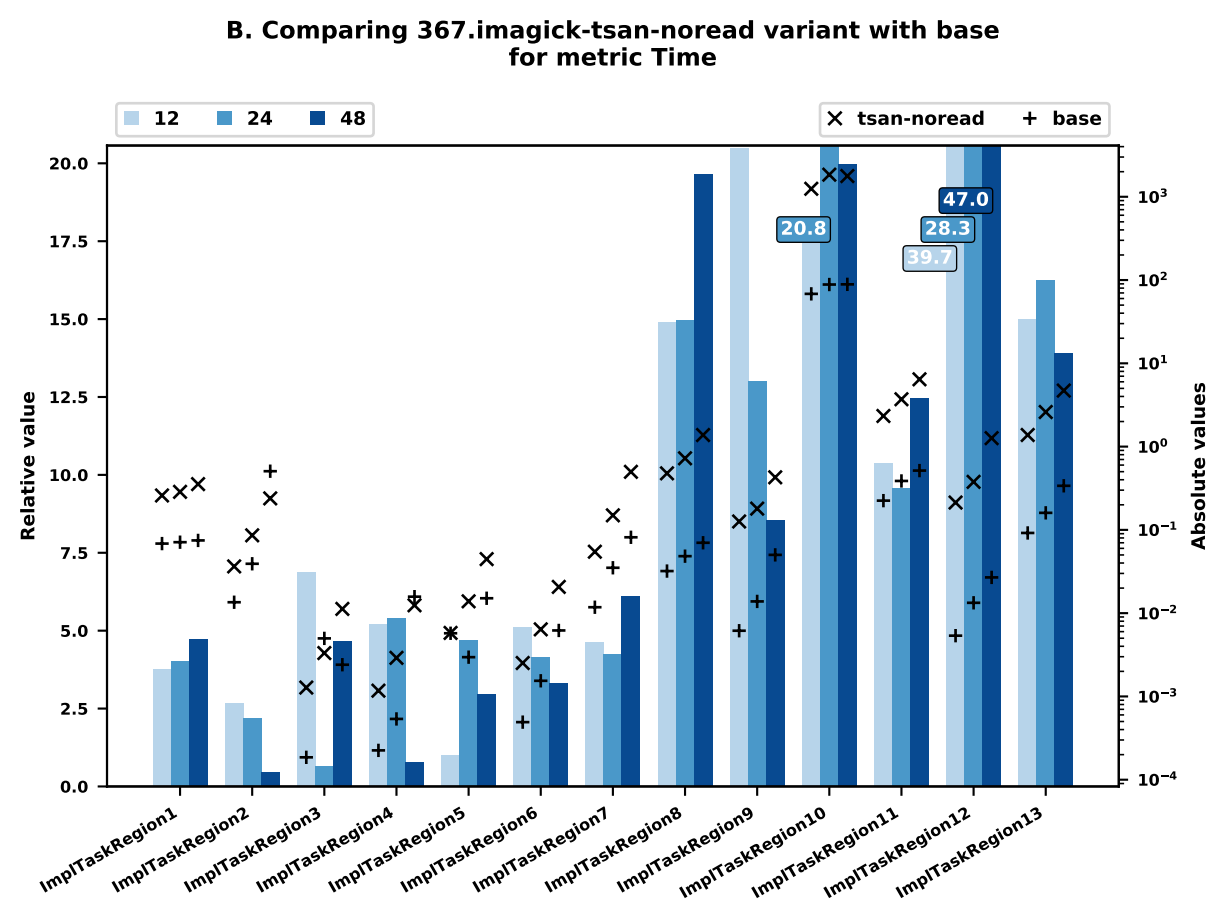
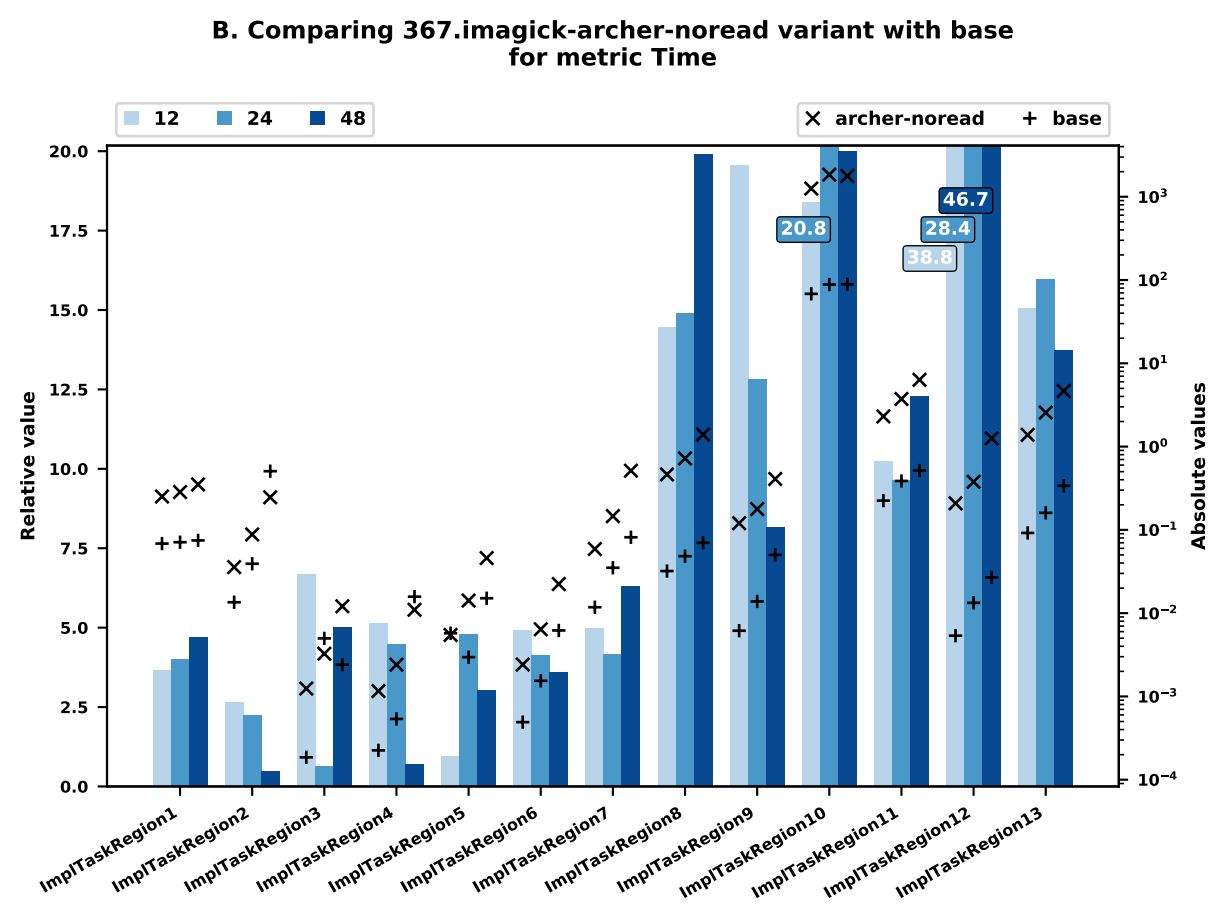
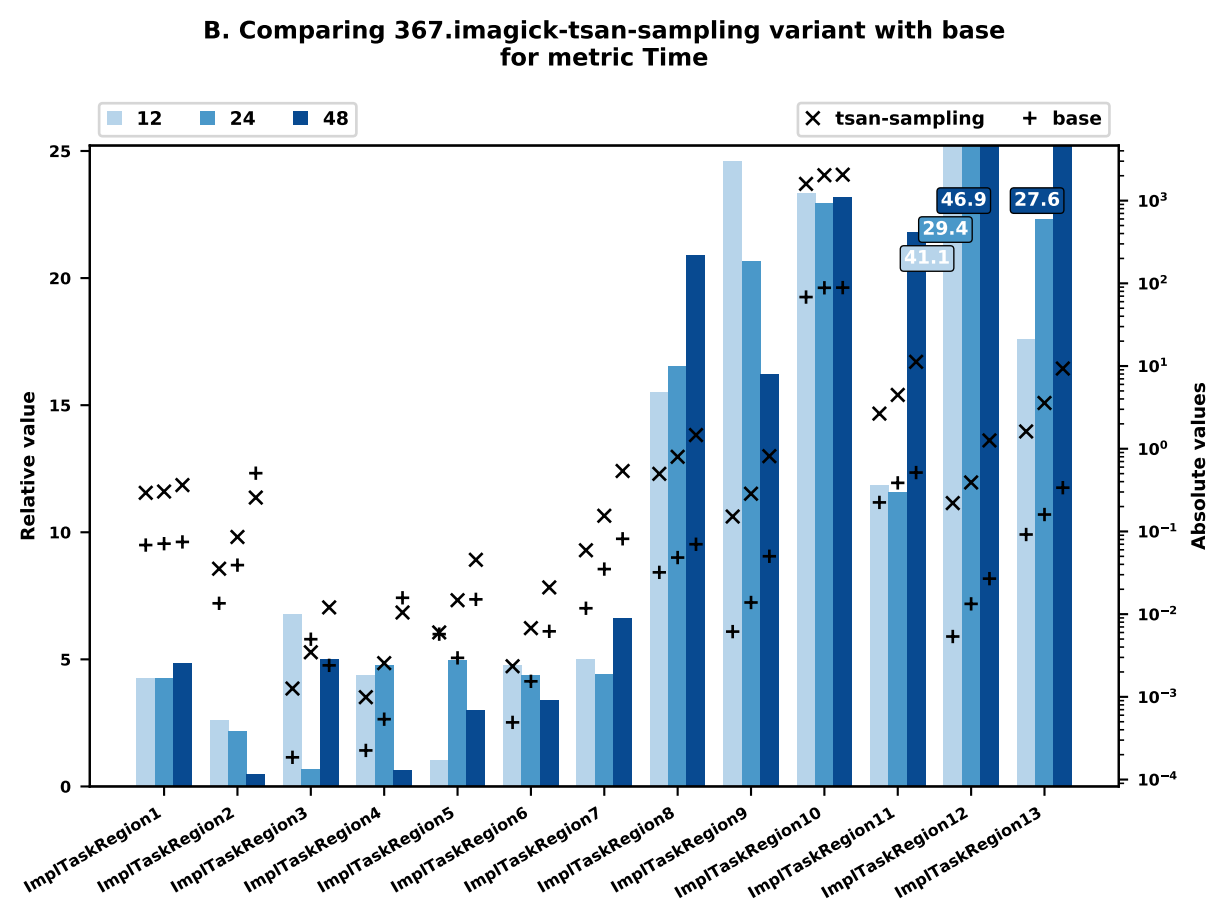

12
24
48
base
tsan-noread
archer-noread
tsan-sampling
archer-sampling
tsan
archer
Execution time [s]
68.2
88.4
88.8
0.5
1247.0
1842.1
1773.6
6.4
1254.7
1841.2
1777.2
6.3
1594.4
2028.7
2060.2
11.2
1567.4
2016.5
2062.2
12.6
1414.6
1968.1
2603.8
34.5
1420.0
1977.8
2663.8
33.4
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-tsan-noread variant with base
for metric Time
12
24
48
tsan-noread
base
Relative value
Absolute values
20.8
39.7
28.3
47.0
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-archer-noread variant with base
for metric Time
12
24
48
archer-noread
base
Relative value
Absolute values
20.8
38.8
28.4
46.7
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-tsan-sampling variant with base
for metric Time
12
24
48
tsan-sampling
base
Relative value
Absolute values
46.9
29.4
41.1
27.6
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
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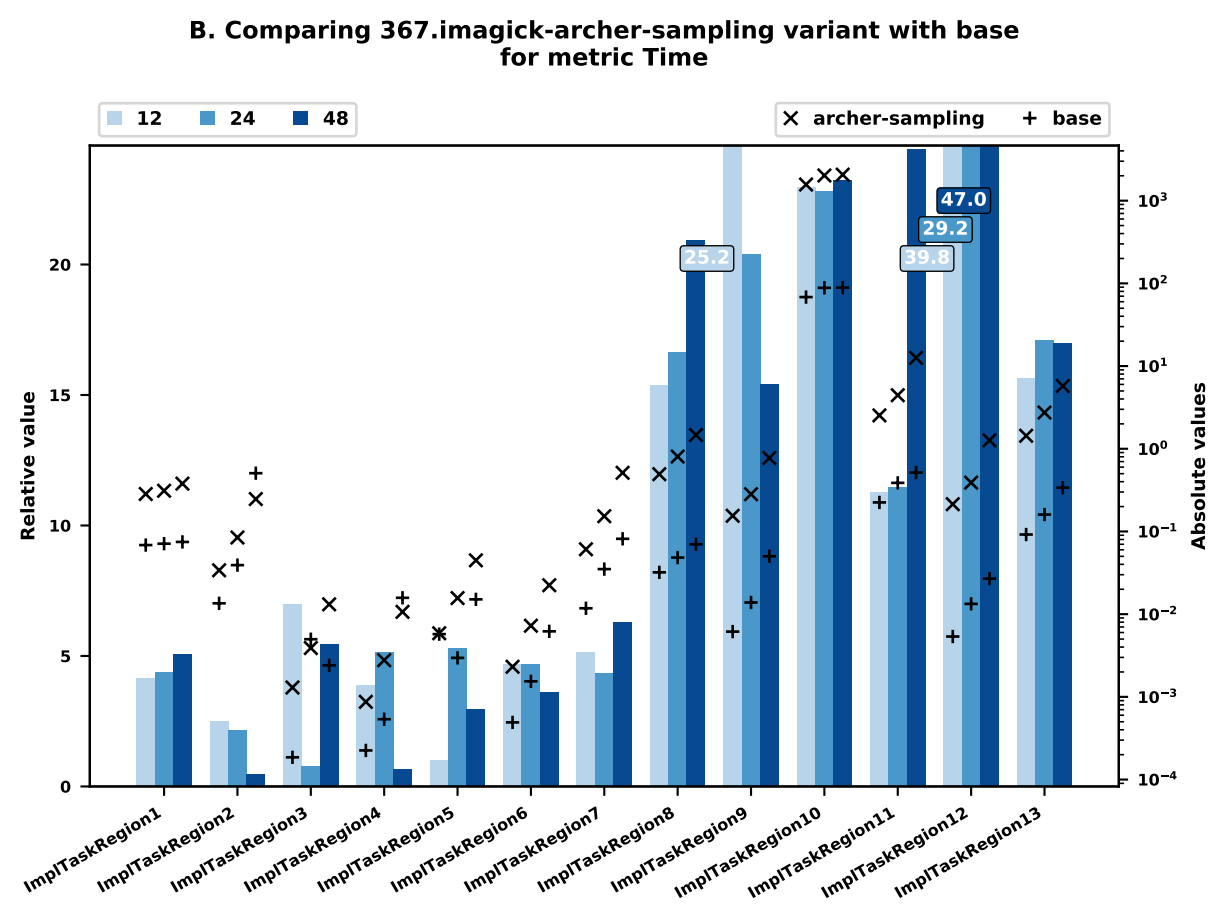
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-archer-sampling variant with base
for metric Time
12
24
48
archer-sampling
base
Relative value
Absolute values
0
5
10
15
20
10^{3}
10^{2}
10^{1}
10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-4}
25.2
39.8
29.2
47.0
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
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ImplTaskRegion6
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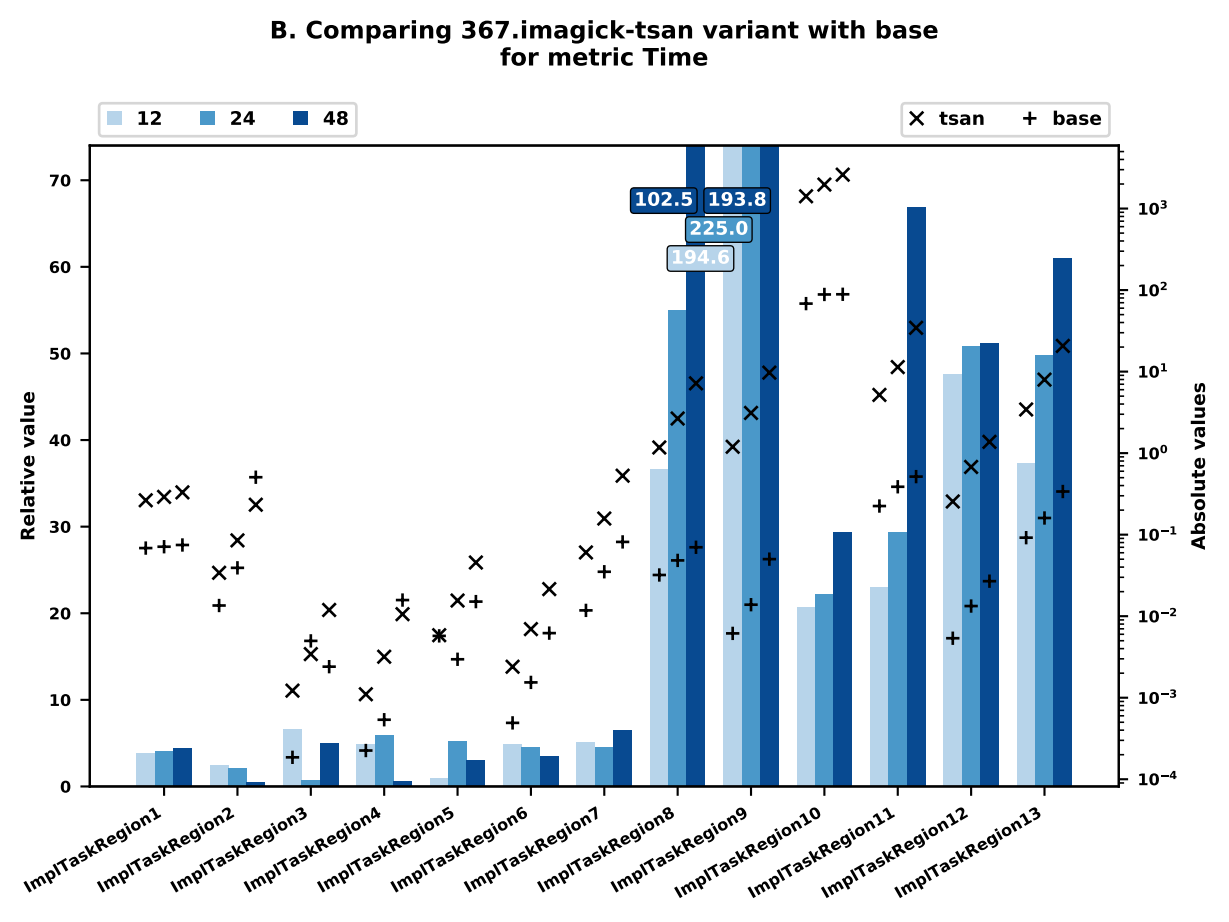
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-tsan variant with base
for metric Time
12
24
48
tsan
base
Relative value
Absolute values
102.5
193.8
225.0
194.6
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
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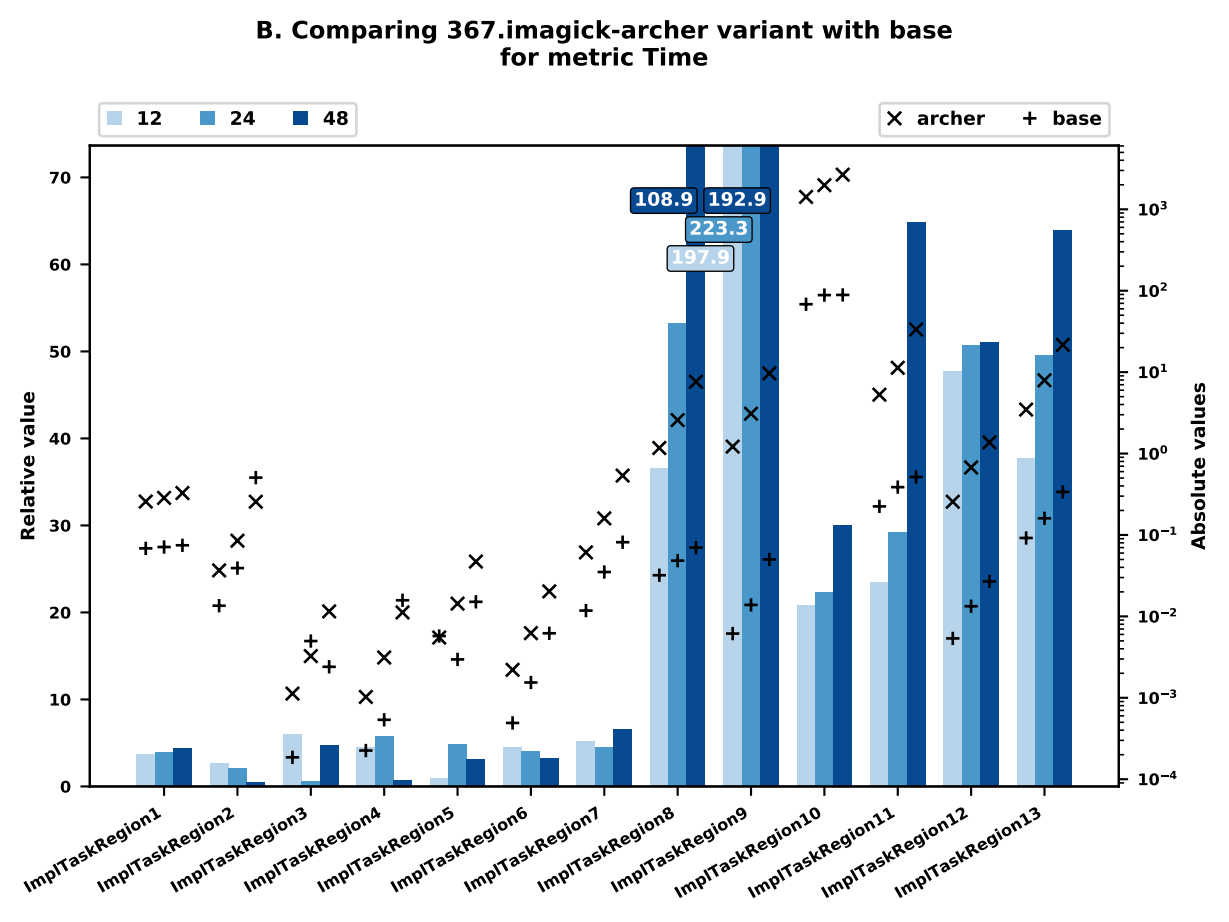
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-archer variant with base
for metric Time
12
24
48
archer
base
Relative value
Absolute values
108.9
192.9
223.3
197.9
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
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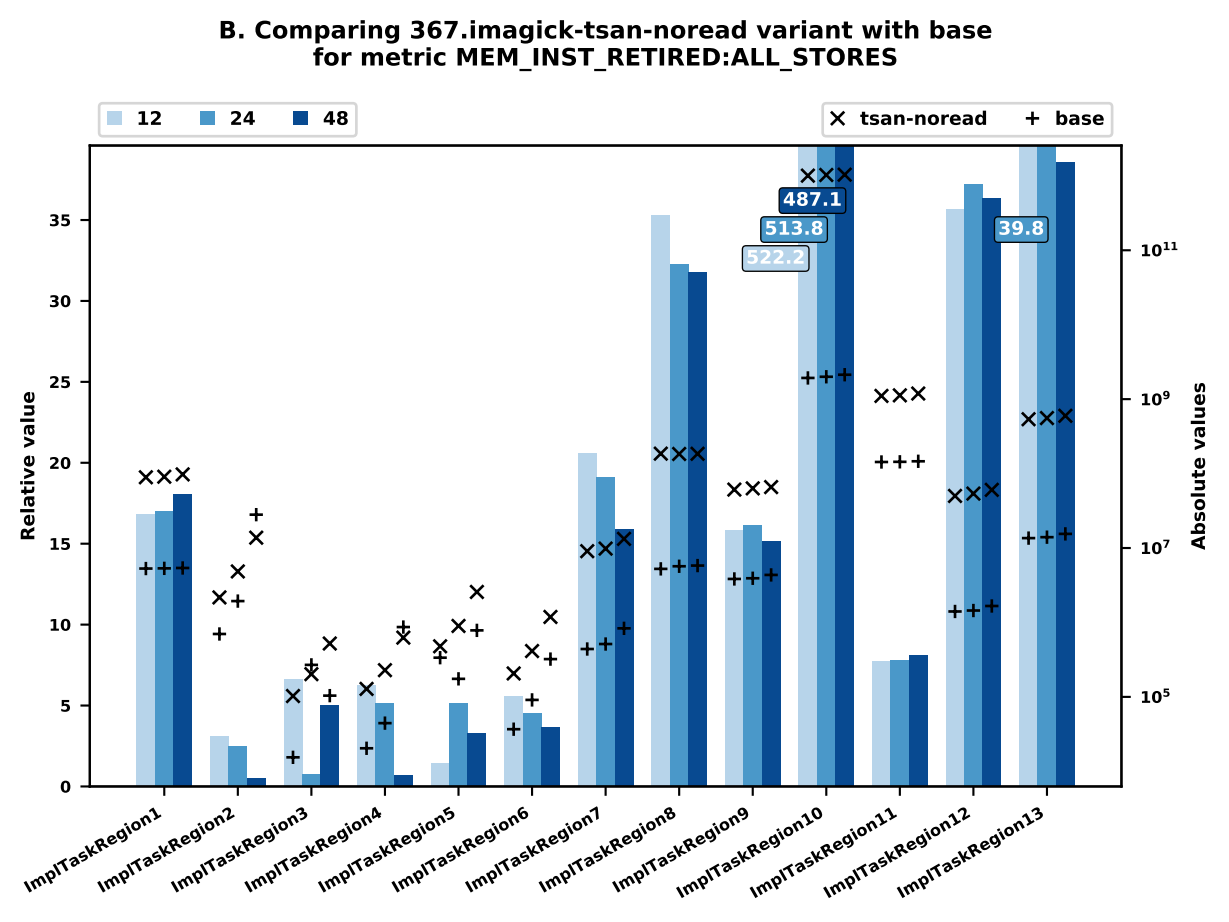
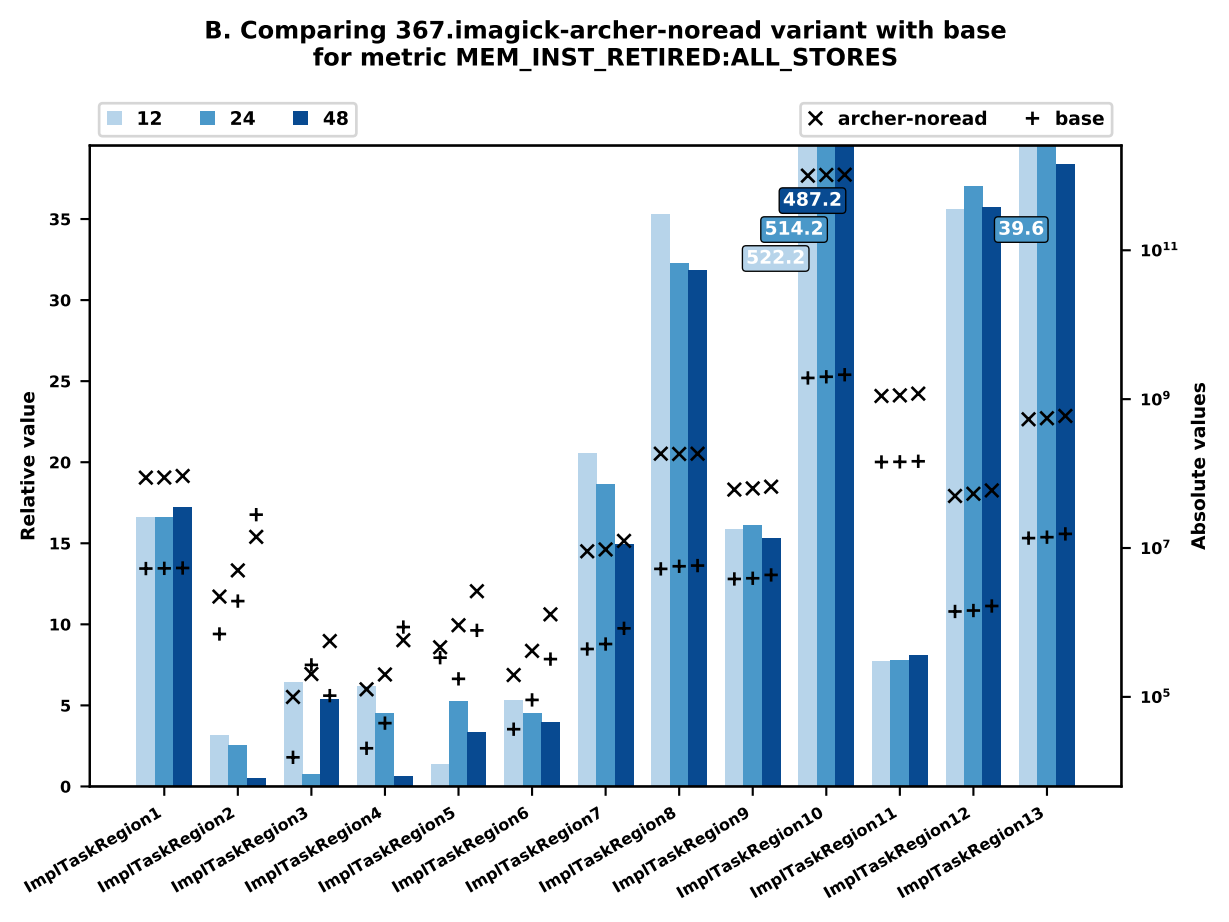
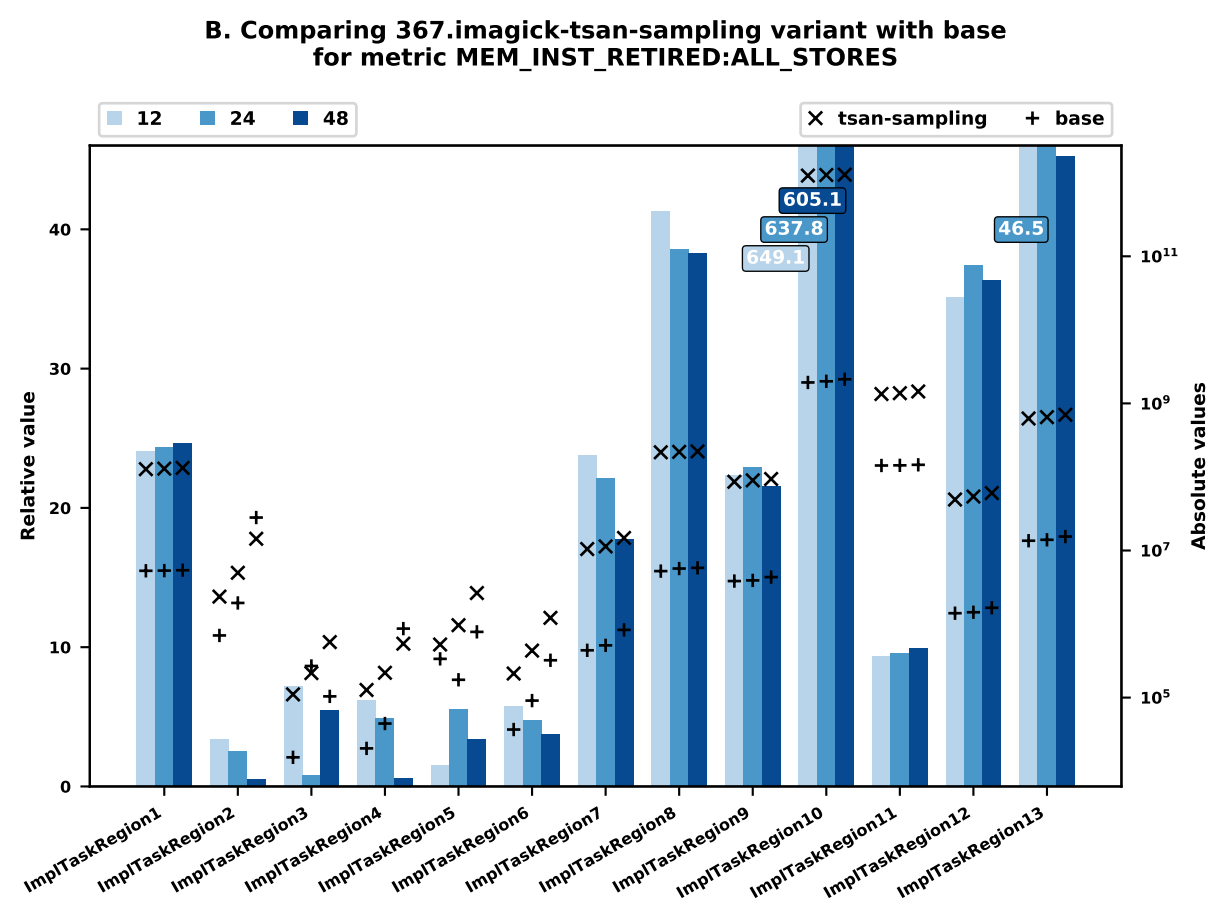
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-tsan-noread variant with base
for metric MEM_INST_RETIRED:ALL_STORES
12
24
48
tsan-noread
base
Relative value
Absolute values
0
5
10
15
20
25
30
35
10^5
10^7
10^9
10^{11}
487.1
513.8
522.2
39.8
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-archer-noread variant with base
for metric MEM_INST_RETIRED:ALL_STORES
12
24
48
archer-noread
base
Relative value
Absolute values
0
5
10
15
20
25
30
35
10^5
10^7
10^9
10^{11}
522.2
514.2
487.2
39.6
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-tsan-sampling variant with base
for metric MEM_INST_RETIRED:ALL_STORES
12
24
48
tsan-sampling
base
Relative value
Absolute values
0
10
20
30
40
10^5
10^7
10^9
10^{11}
605.1
637.8
649.1
46.5
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
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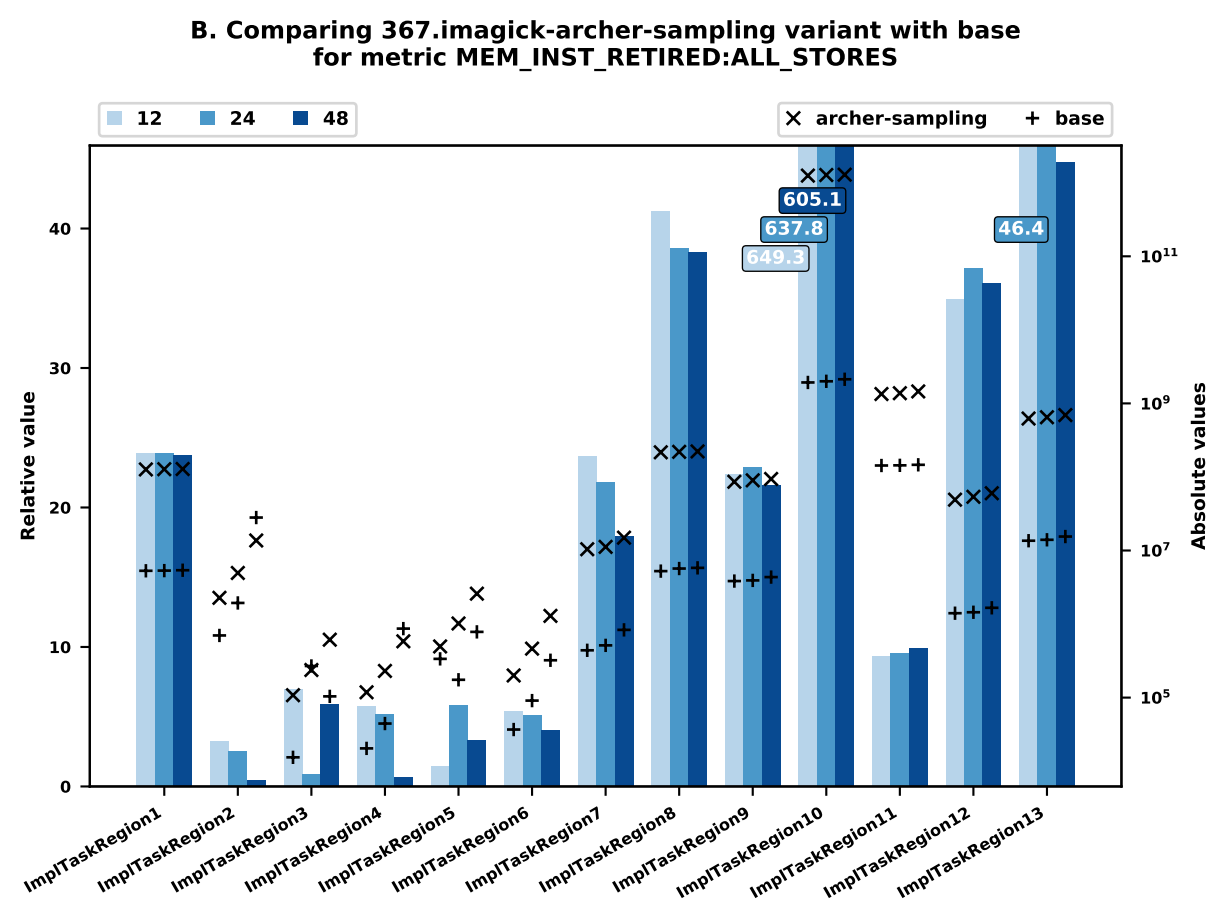
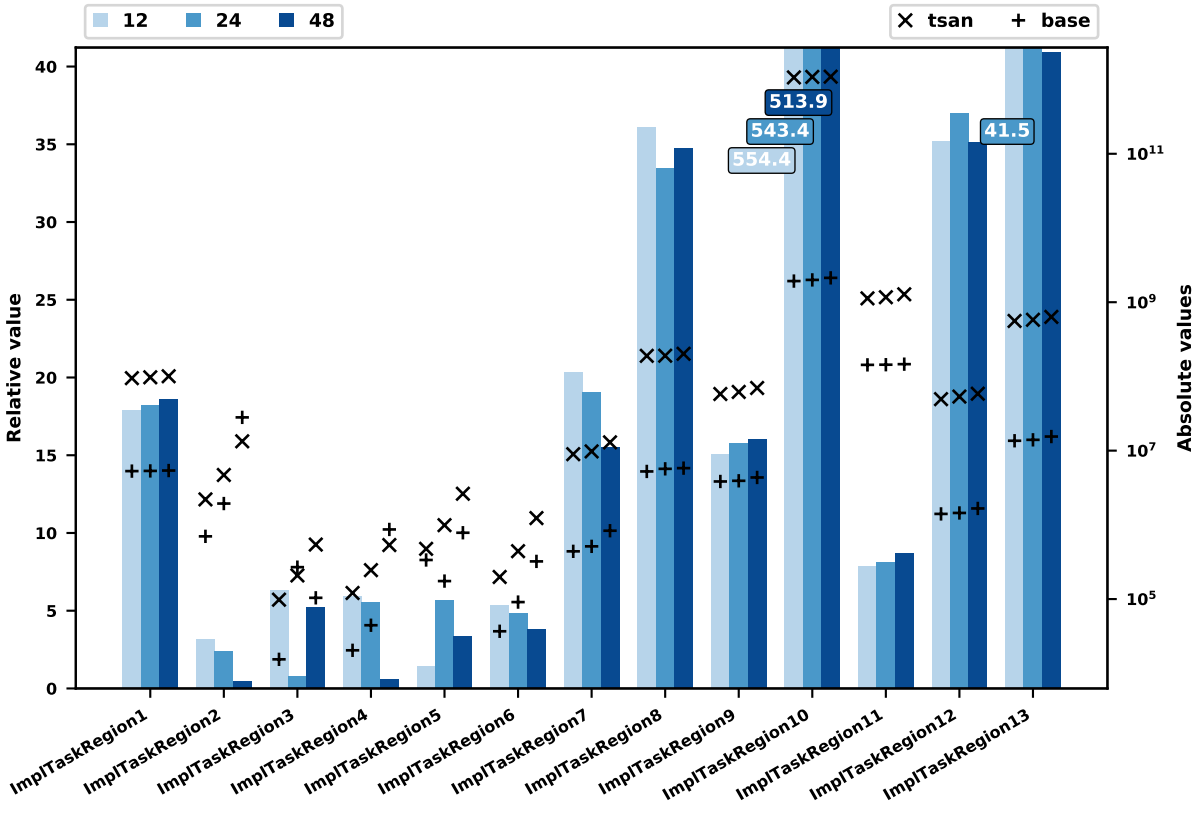
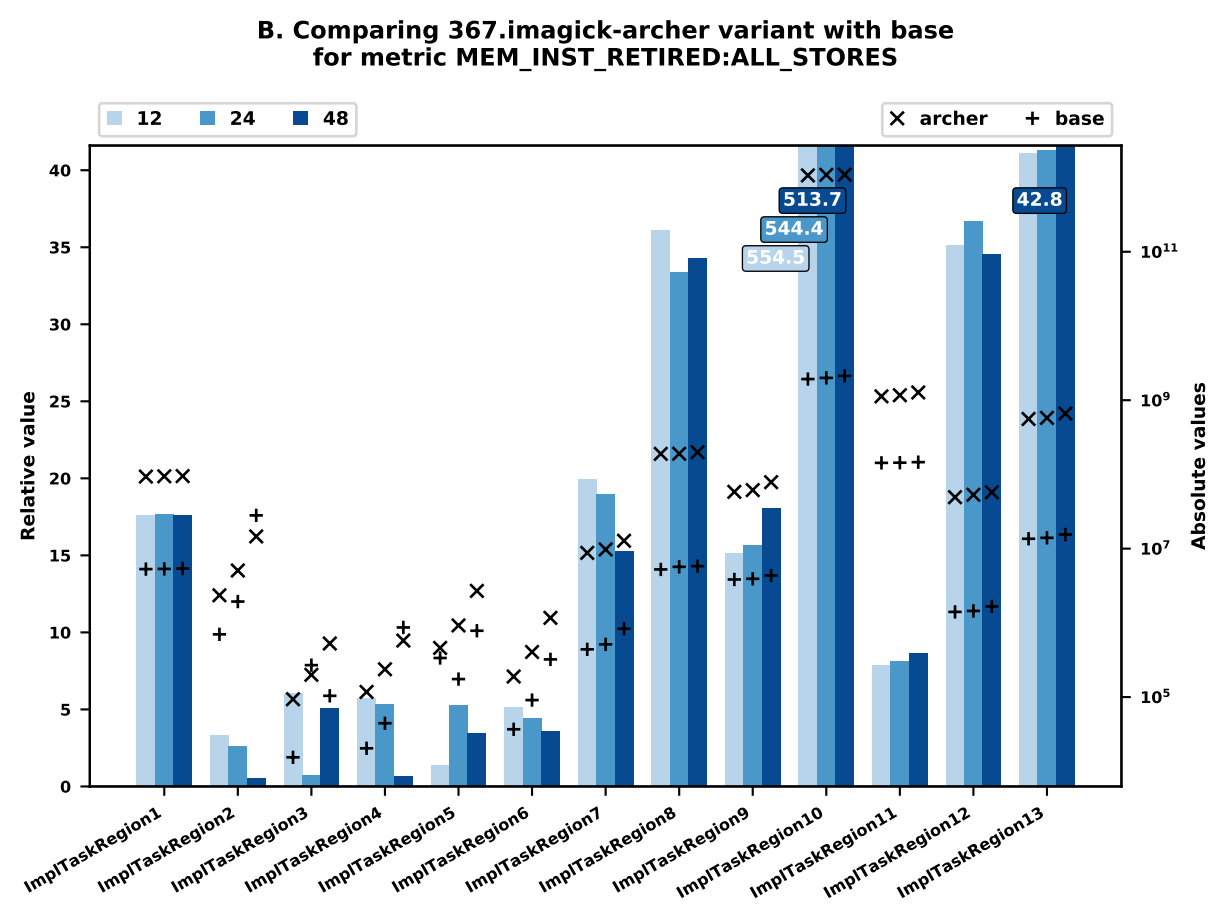
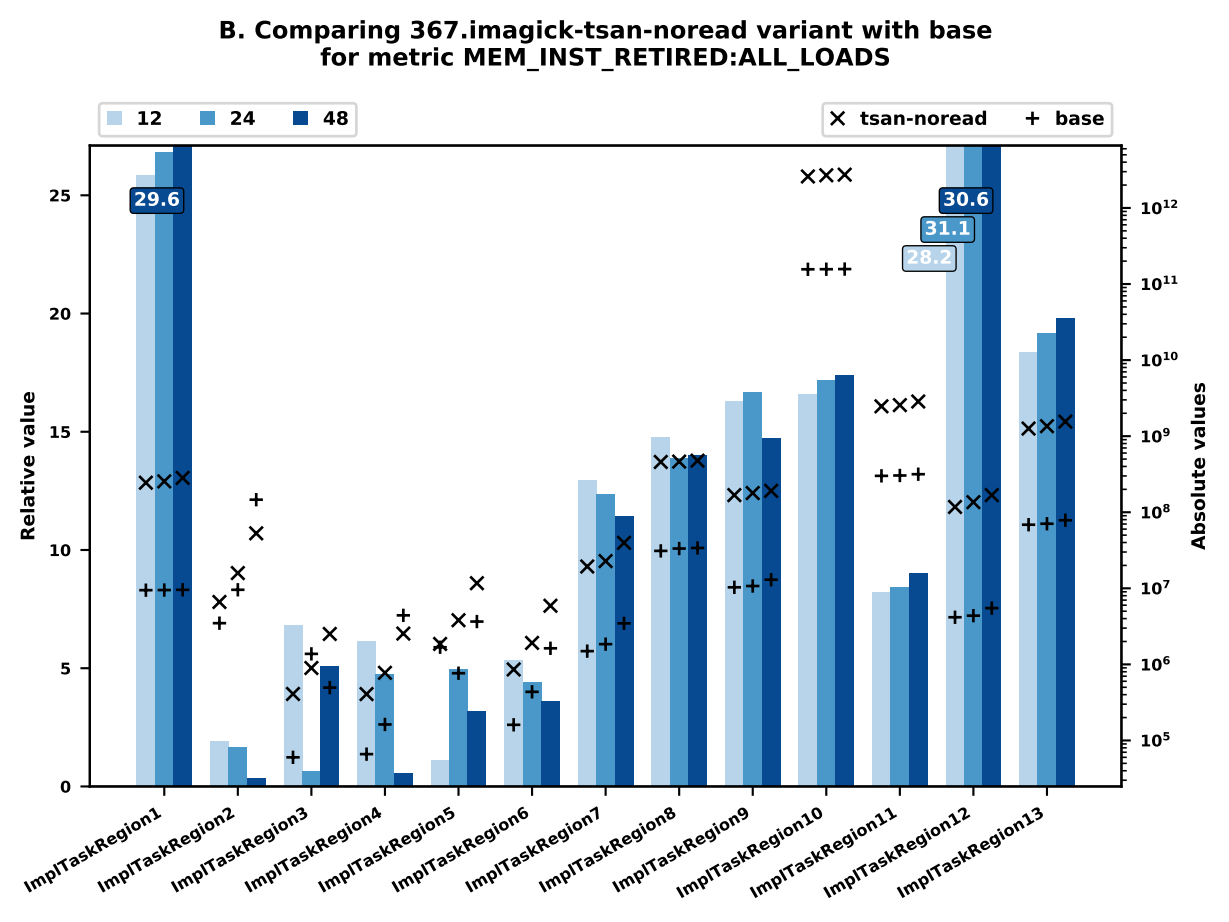
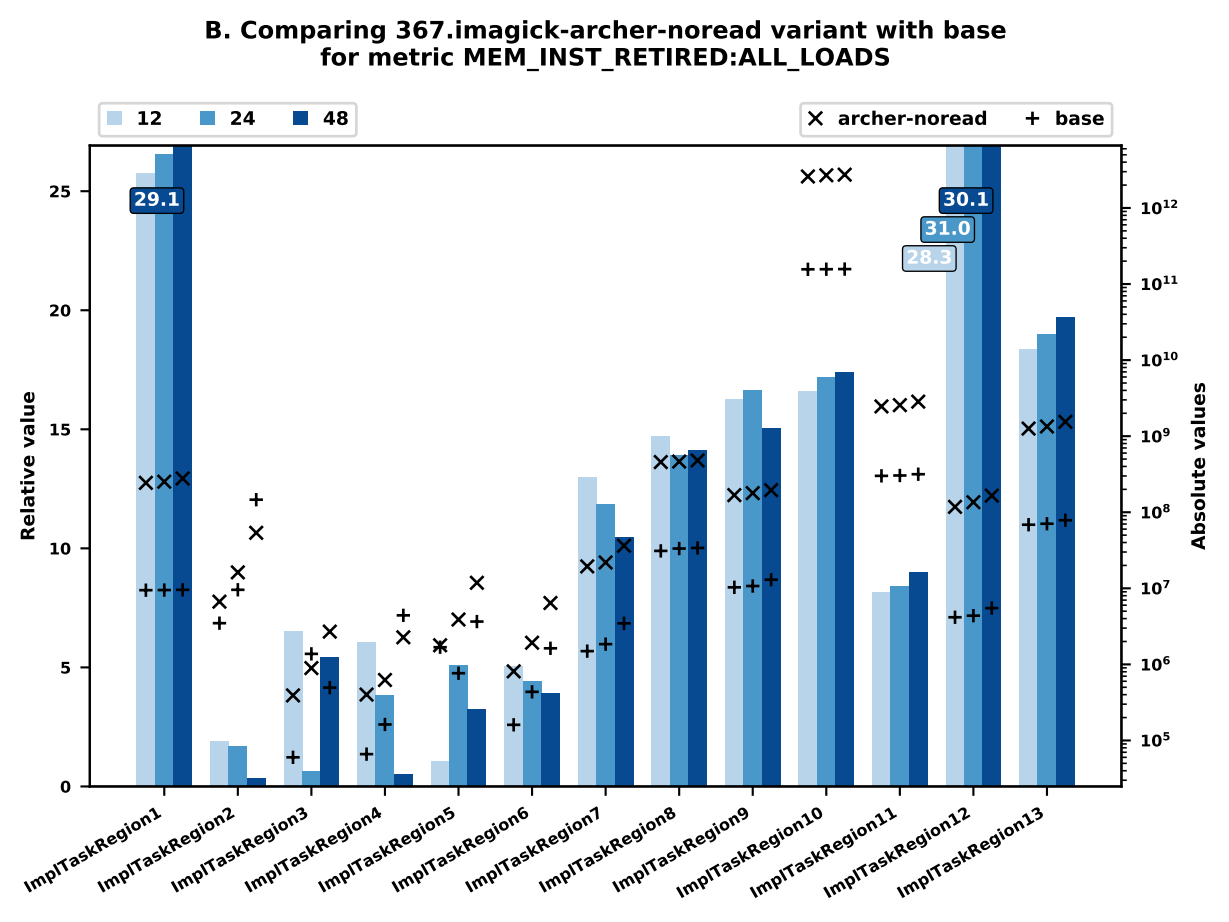
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

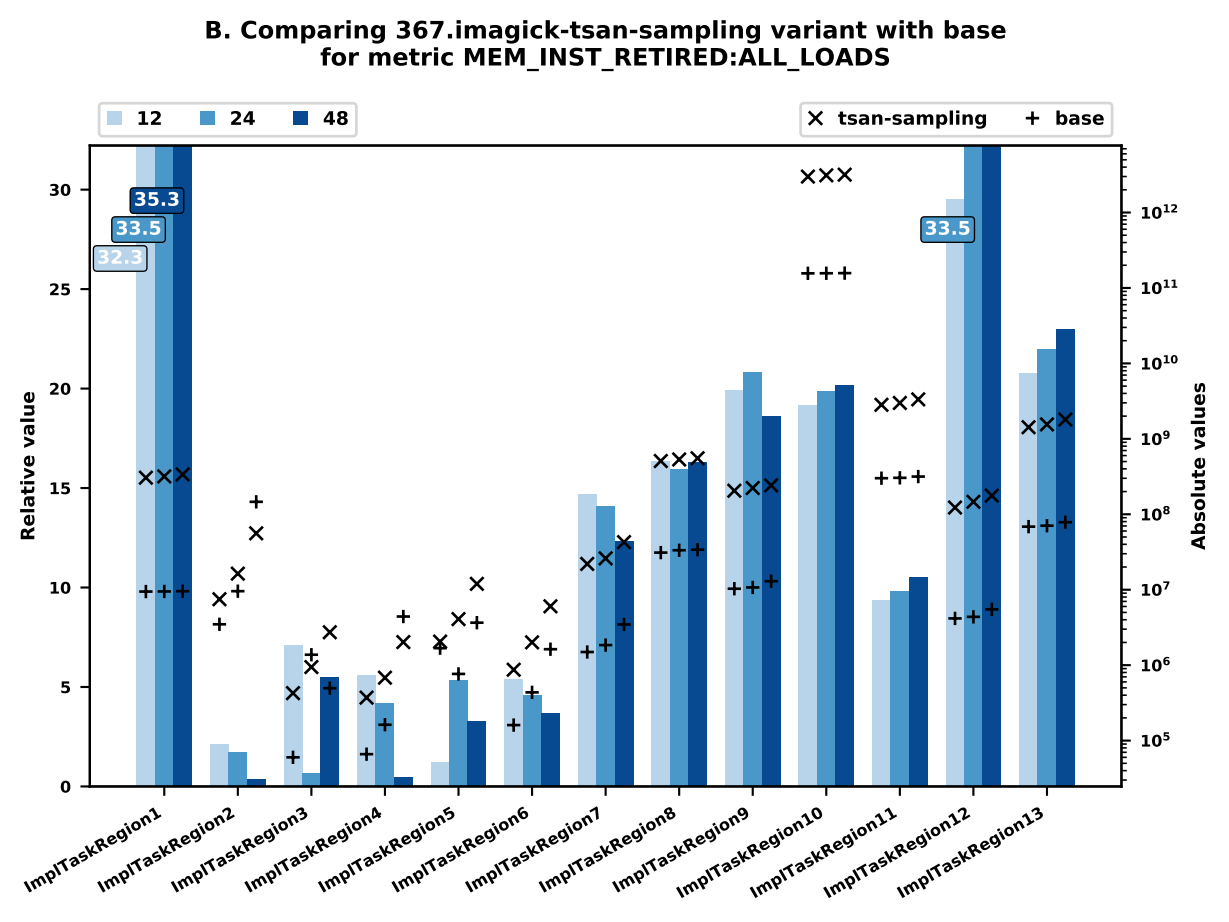

B. Comparing 367.imagick-archer-sampling variant with base
for metric MEM_INST_RETIRED:ALL_STORES
12
24
48
archer-sampling
base
Relative value
Absolute values
0
10
20
30
40
10^5
10^7
10^9
10^{11}
605.1
637.8
649.3
46.4
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

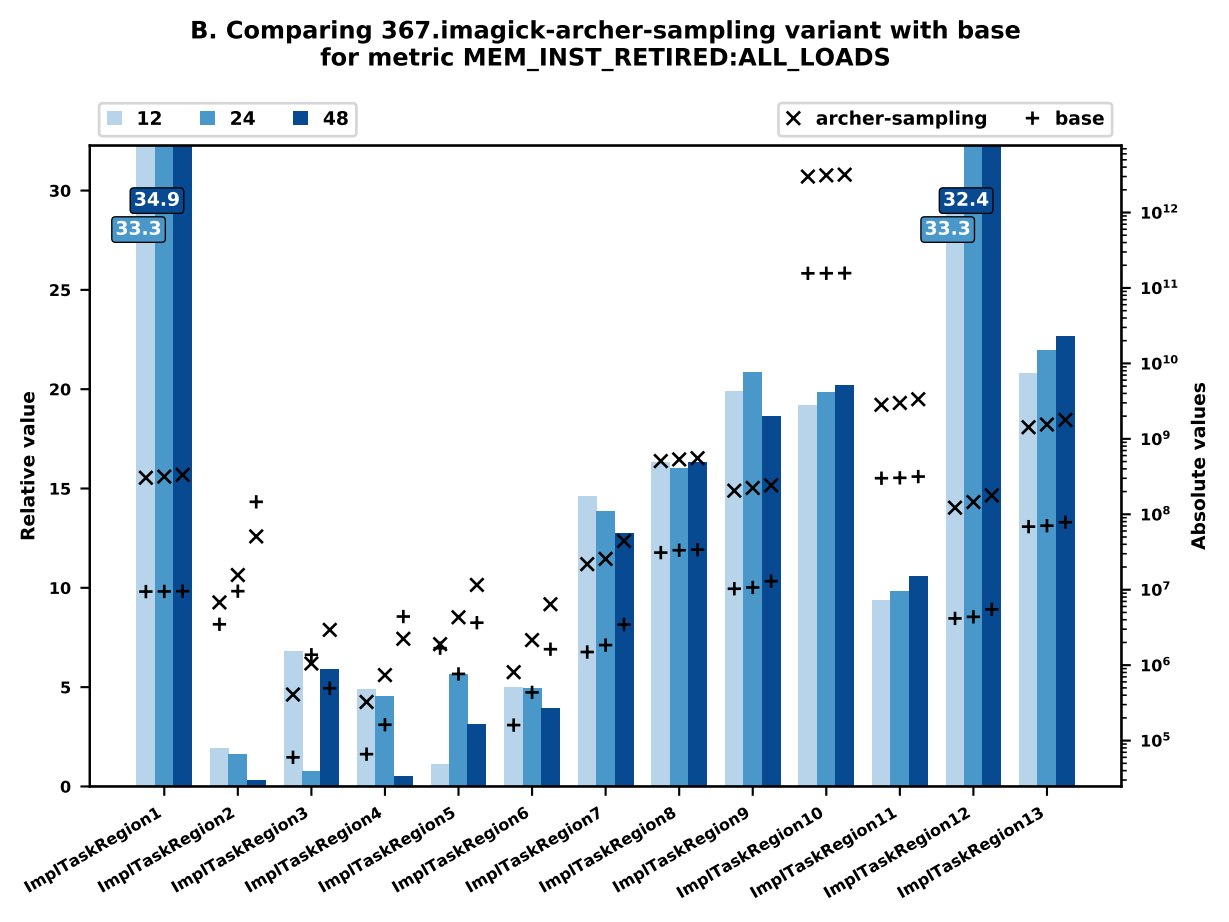

B. Comparing 367.imagick-tsan variant with base
for metric MEM_INST_RETIRED:ALL_STORES
12
24
48
tsan
base
Relative value
Absolute values
0
5
10
15
20
25
30
35
40
10^5
10^7
10^9
10^{11}
513.9
543.4
554.4
41.5
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

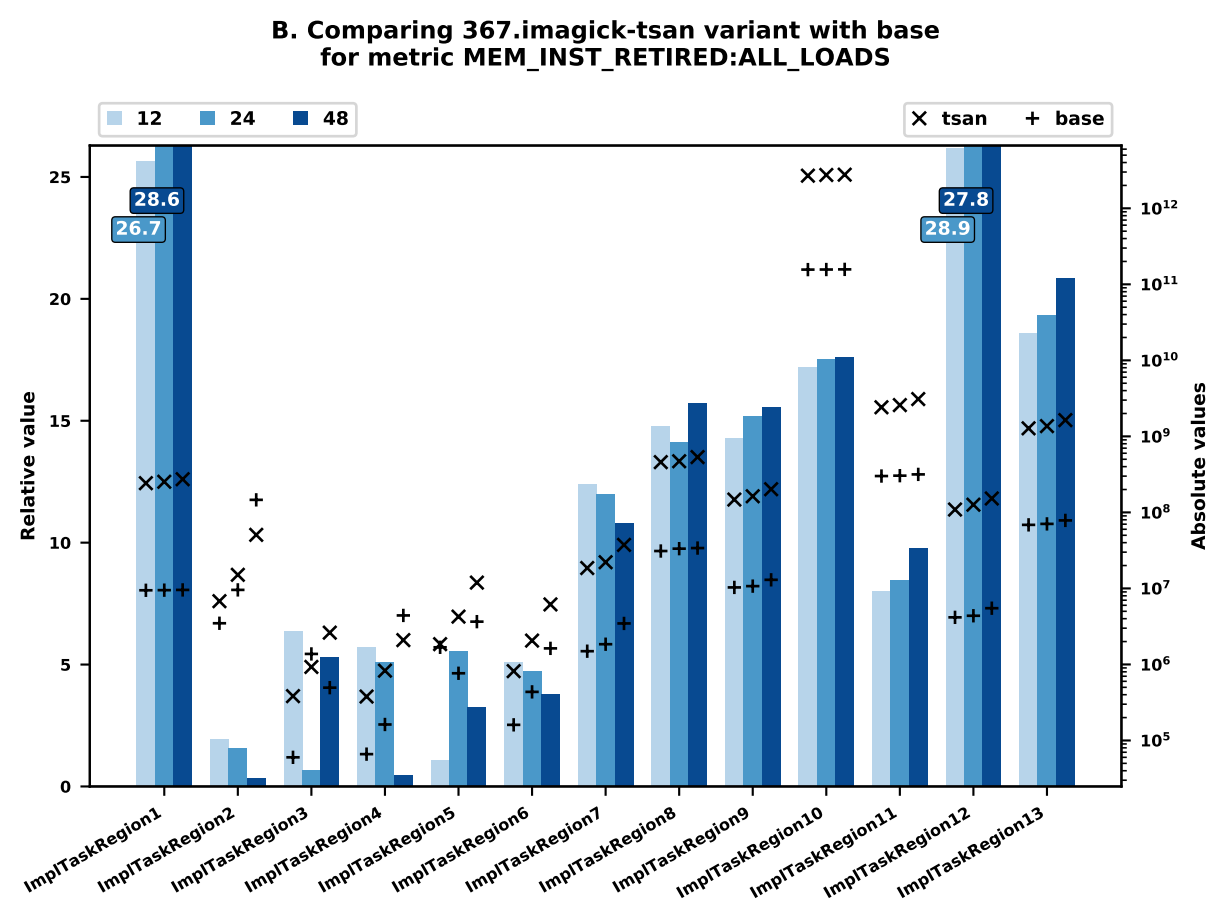

B. Comparing 367.imagick-archer variant with base
for metric MEM_INST_RETIRED:ALL_STORES
12
24
48
archer
base
Relative value
Absolute values
513.7
544.4
554.5
42.8
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

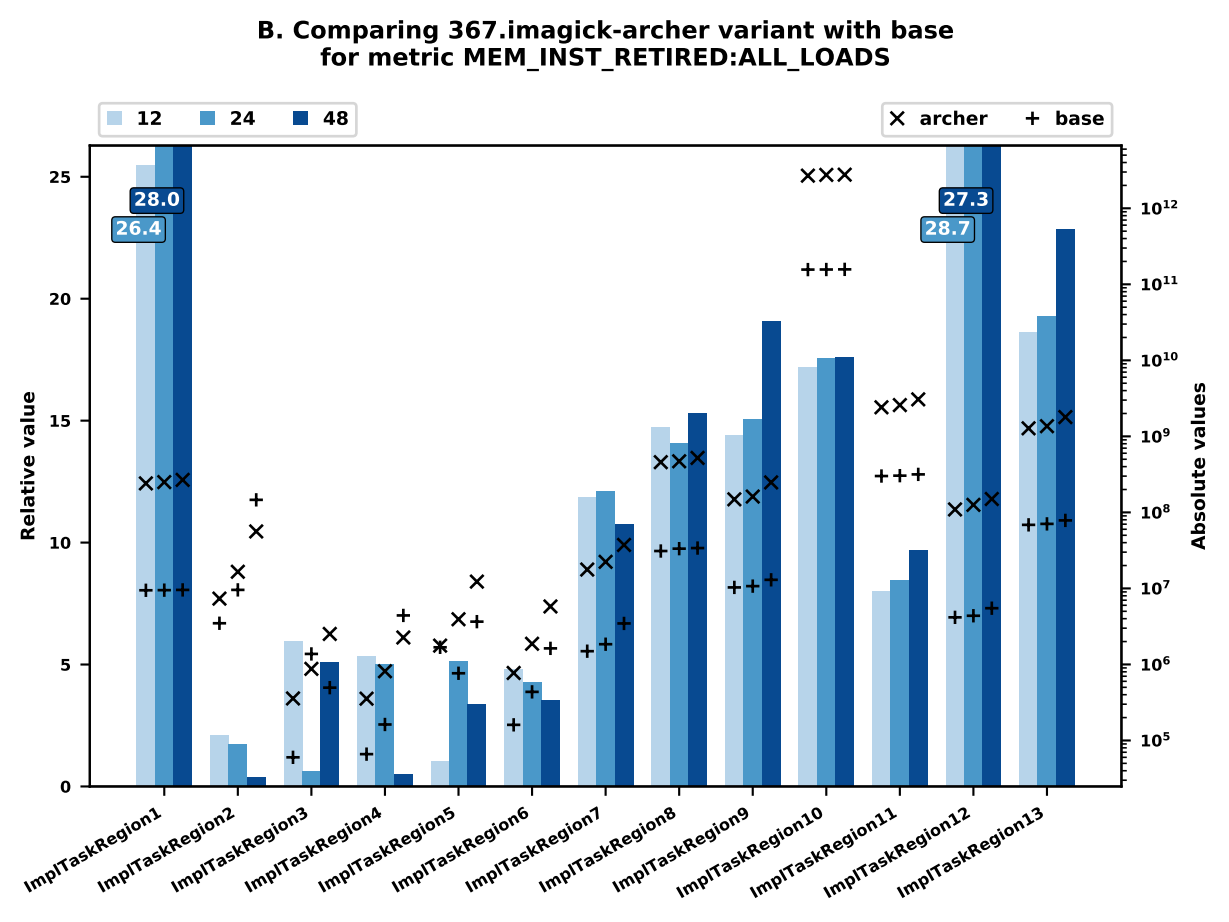

B. Comparing 367.imagick-tsan-noread variant with base
for metric MEM_INST_RETIRED:ALL_LOADS
12
24
48
tsan-noread
base
29.6
28.2
31.1
30.6
Relative value
Absolute values
0
5
10
15
20
25
10^{5}
10^{6}
10^{7}
10^{8}
10^{9}
10^{10}
10^{11}
10^{12}
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

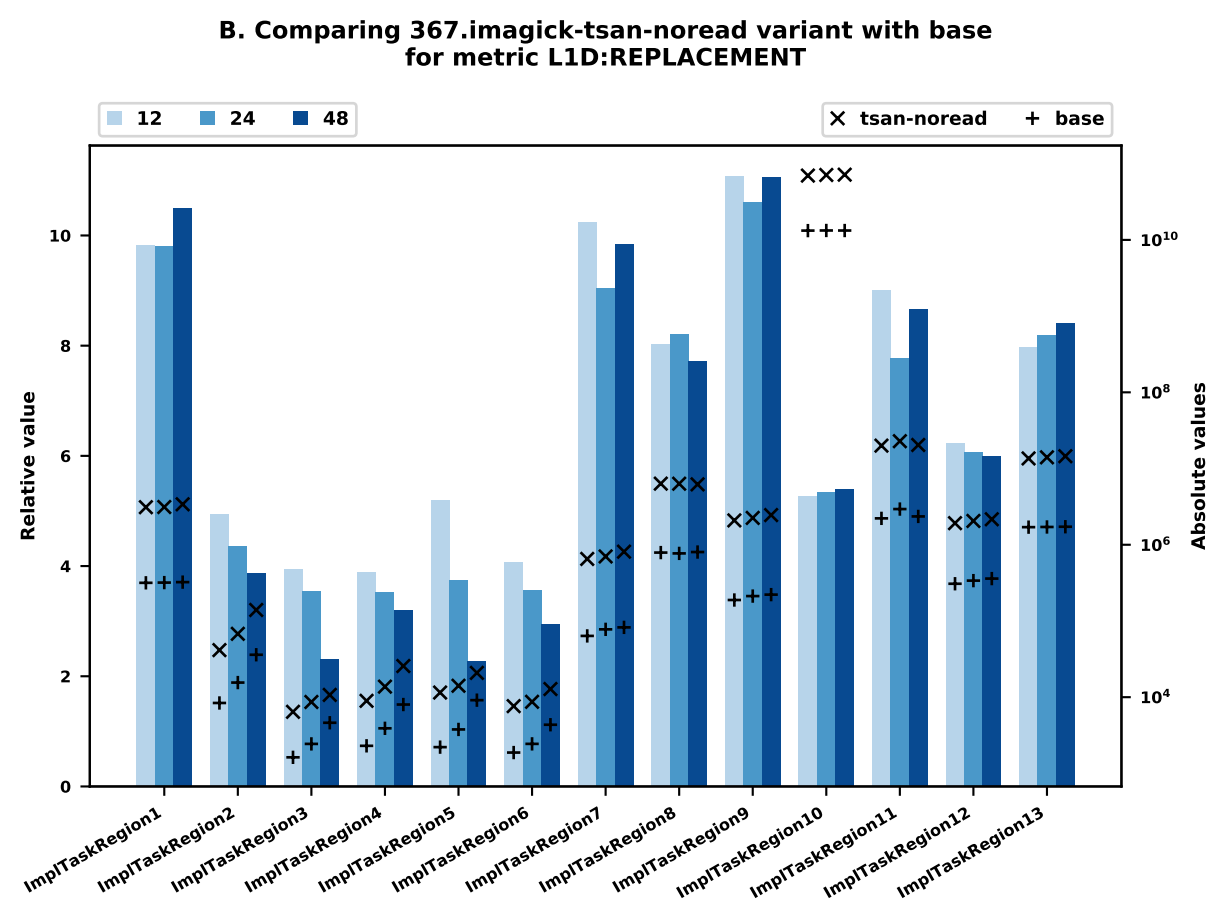

B. Comparing 367.imagick-archer-noread variant with base
for metric MEM_INST_RETIRED:ALL_LOADS
12
24
48
archer-noread
base
29.1
30.1
31.0
28.3
Relative value
Absolute values
0
5
10
15
20
25
10^{5}
10^{6}
10^{7}
10^{8}
10^{9}
10^{10}
10^{11}
10^{12}
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

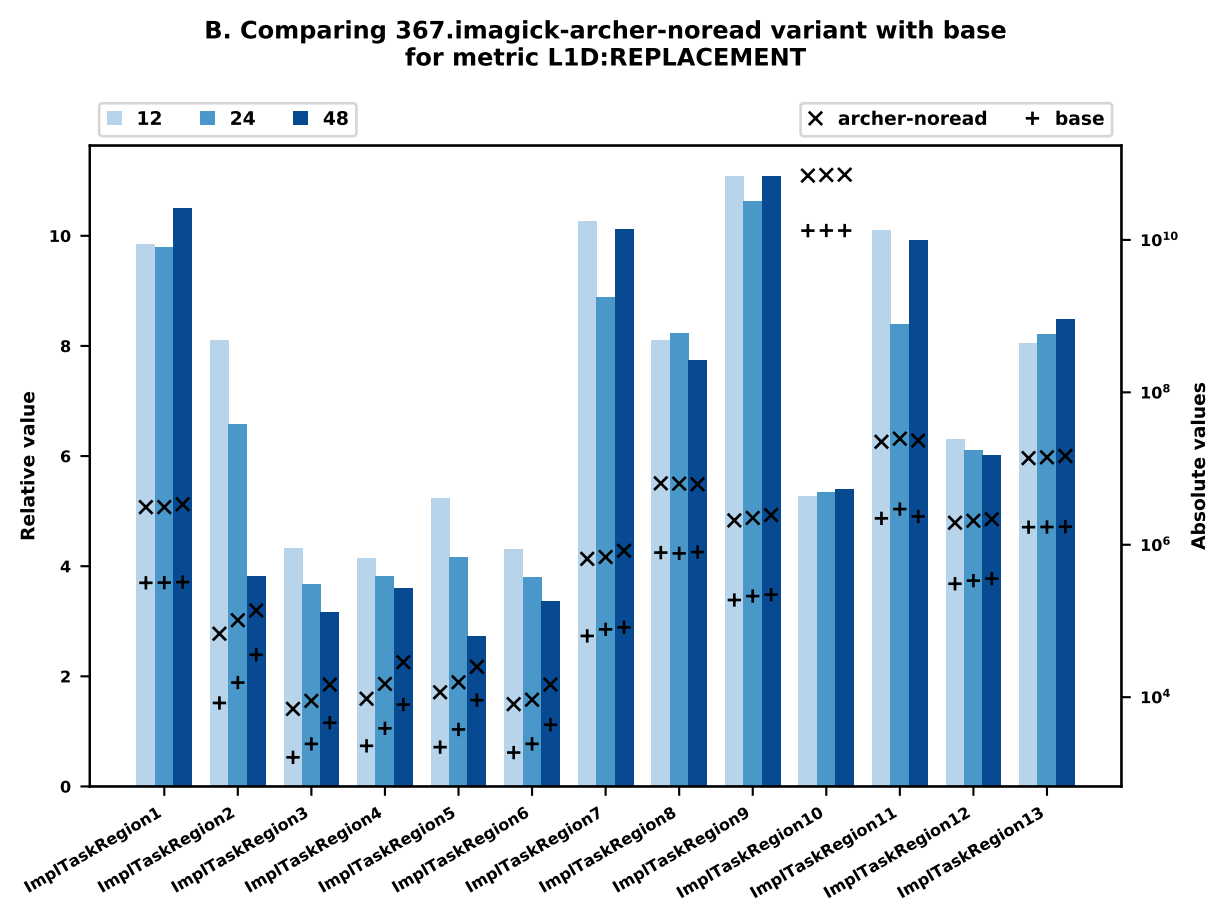

B. Comparing 367.imagick-tsan-sampling variant with base
for metric MEM_INST_RETIRED:ALL_LOADS
12
24
48
tsan-sampling
base
35.3
33.5
32.3
33.5
Relative value
Absolute values
0
5
10
15
20
25
30
10^{5}
10^{6}
10^{7}
10^{8}
10^{9}
10^{10}
10^{11}
10^{12}
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

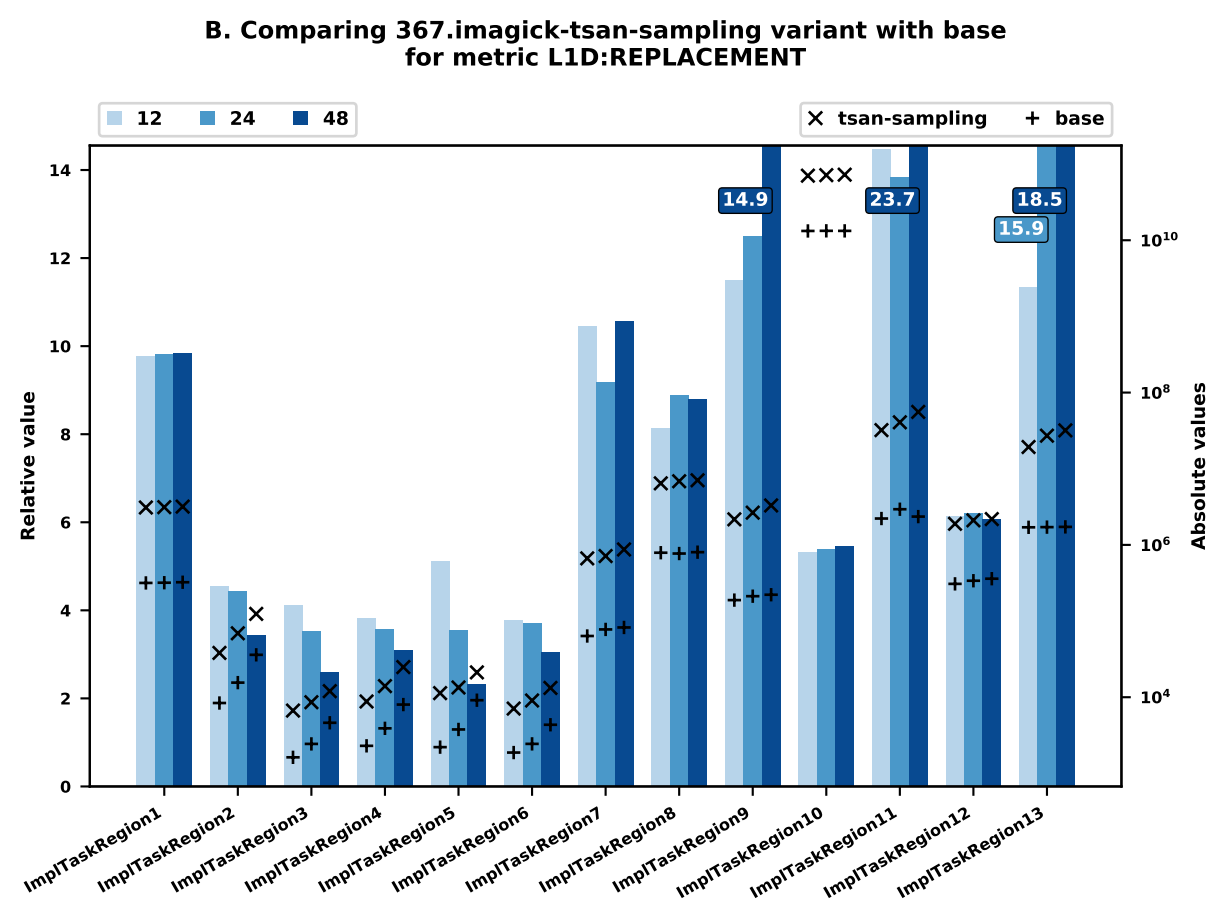

B. Comparing 367.imagick-archer-sampling variant with base
for metric MEM_INST_RETIRED:ALL_LOADS
12
24
48
archer-sampling
base
34.9
33.3
32.4
33.3
Relative value
Absolute values
0
5
10
15
20
25
30
10^{5}
10^{6}
10^{7}
10^{8}
10^{9}
10^{10}
10^{11}
10^{12}
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

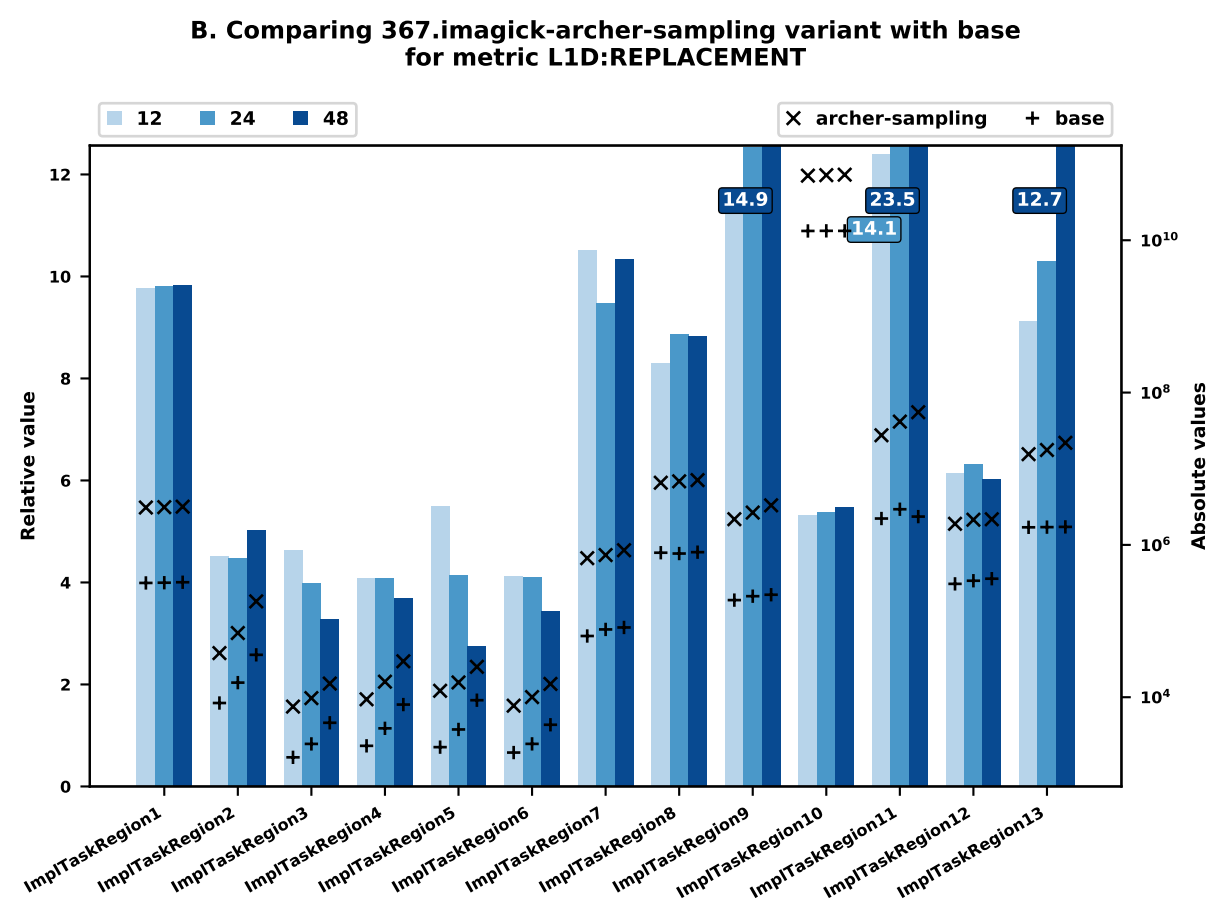

B. Comparing 367.imagick-tsan variant with base
for metric MEM_INST_RETIRED:ALL_LOADS
12
24
48
tsan
base
28.6
26.7
27.8
28.9
Relative value
Absolute values
0
5
10
15
20
25
10^{5}
10^{6}
10^{7}
10^{8}
10^{9}
10^{10}
10^{11}
10^{12}
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

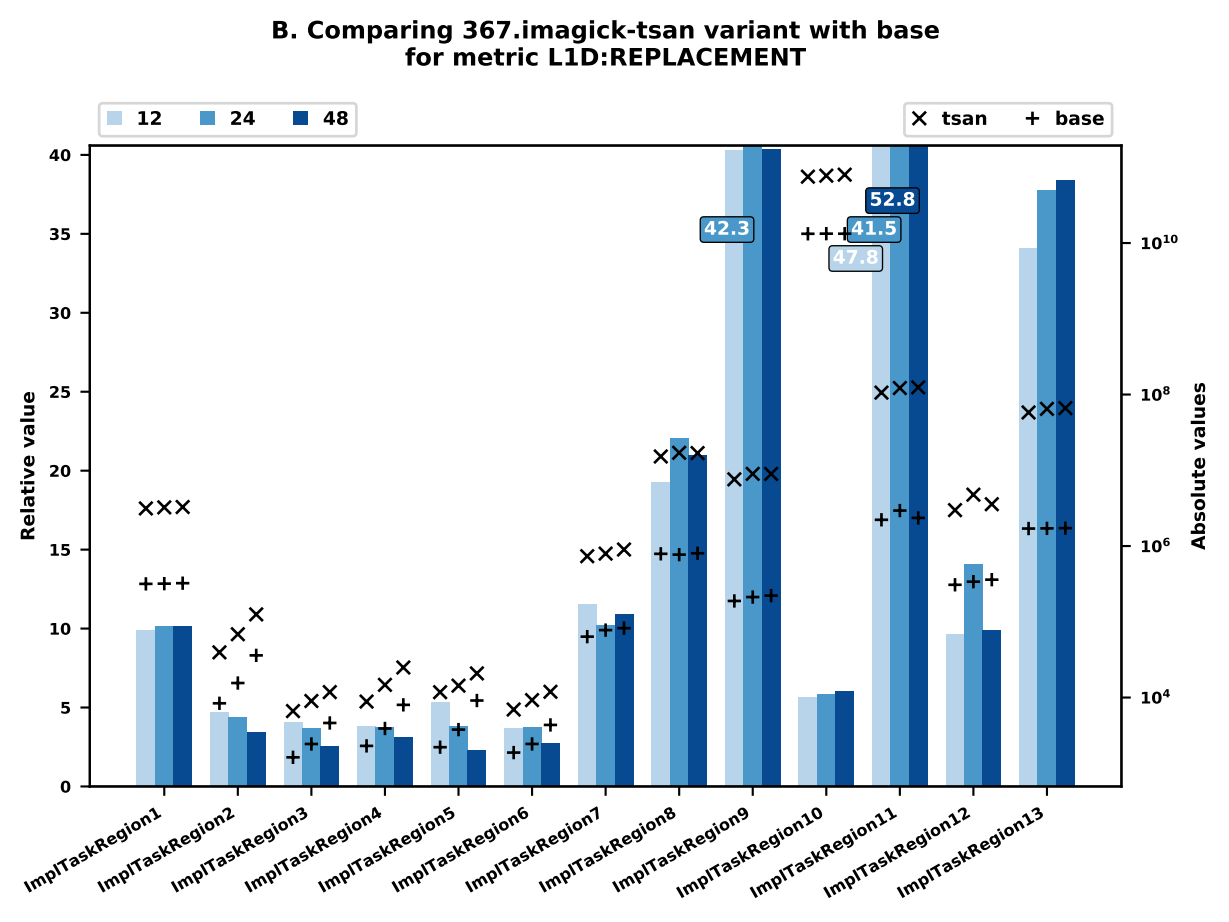

B. Comparing 367.imagick-archer variant with base
for metric MEM_INST_RETIRED:ALL_LOADS
12
24
48
archer
base
28.0
26.4
27.3
28.7
Relative value
Absolute values
0
5
10
15
20
25
10^{5}
10^{6}
10^{7}
10^{8}
10^{9}
10^{10}
10^{11}
10^{12}
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

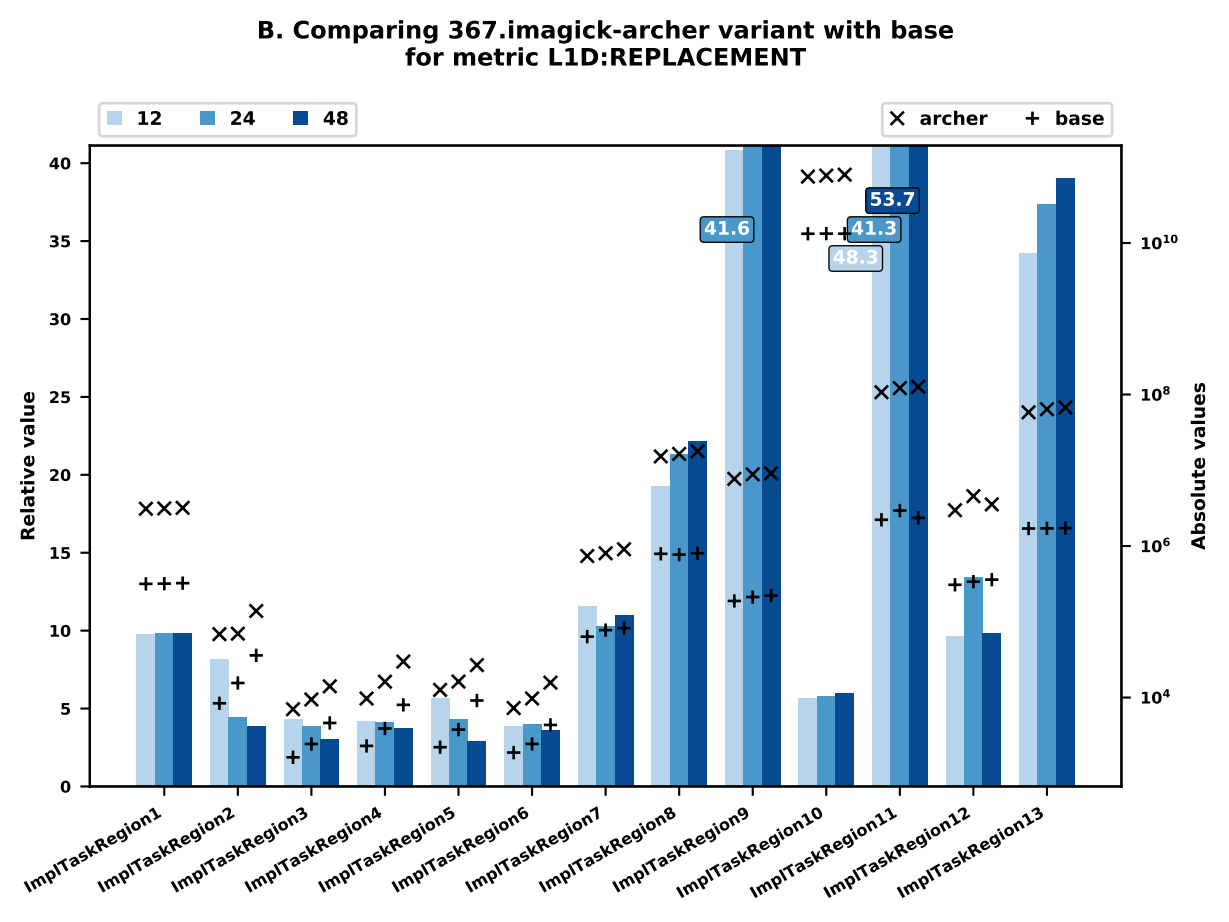

B. Comparing 367.imagick-tsan-noread variant with base
for metric L1D:REPLACEMENT
12
24
48
tsan-noread
base
Relative value
Absolute values
0
2
4
6
8
10
10^4
10^6
10^8
10^{10}
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-archer-noread variant with base
for metric L1D:REPLACEMENT
12
24
48
archer-noread
base
Relative value
Absolute values
0
2
4
6
8
10
10^4
10^6
10^8
10^{10}
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-tsan-sampling variant with base
for metric L1D:REPLACEMENT
12
24
48
tsan-sampling
base
Relative value
Absolute values
14.9
23.7
18.5
15.9
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-archer-sampling variant with base
for metric L1D:REPLACEMENT
12
24
48
archer-sampling
base
Relative value
Absolute values
0
2
4
6
8
10
12
10^4
10^6
10^8
10^{10}
14.9
14.1
23.5
12.7
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-tsan variant with base
for metric L1D:REPLACEMENT
12
24
48
tsan
base
Relative value
Absolute values
0
5
10
15
20
25
30
35
40
10^4
10^6
10^8
10^{10}
42.3
47.8
41.5
52.8
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-archer variant with base
for metric L1D:REPLACEMENT
12
24
48
archer
base
Relative value
Absolute values
0
5
10
15
20
25
30
35
40
10^4
10^6
10^8
10^{10}
41.6
48.3
41.3
53.7
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
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ImplTaskRegion6
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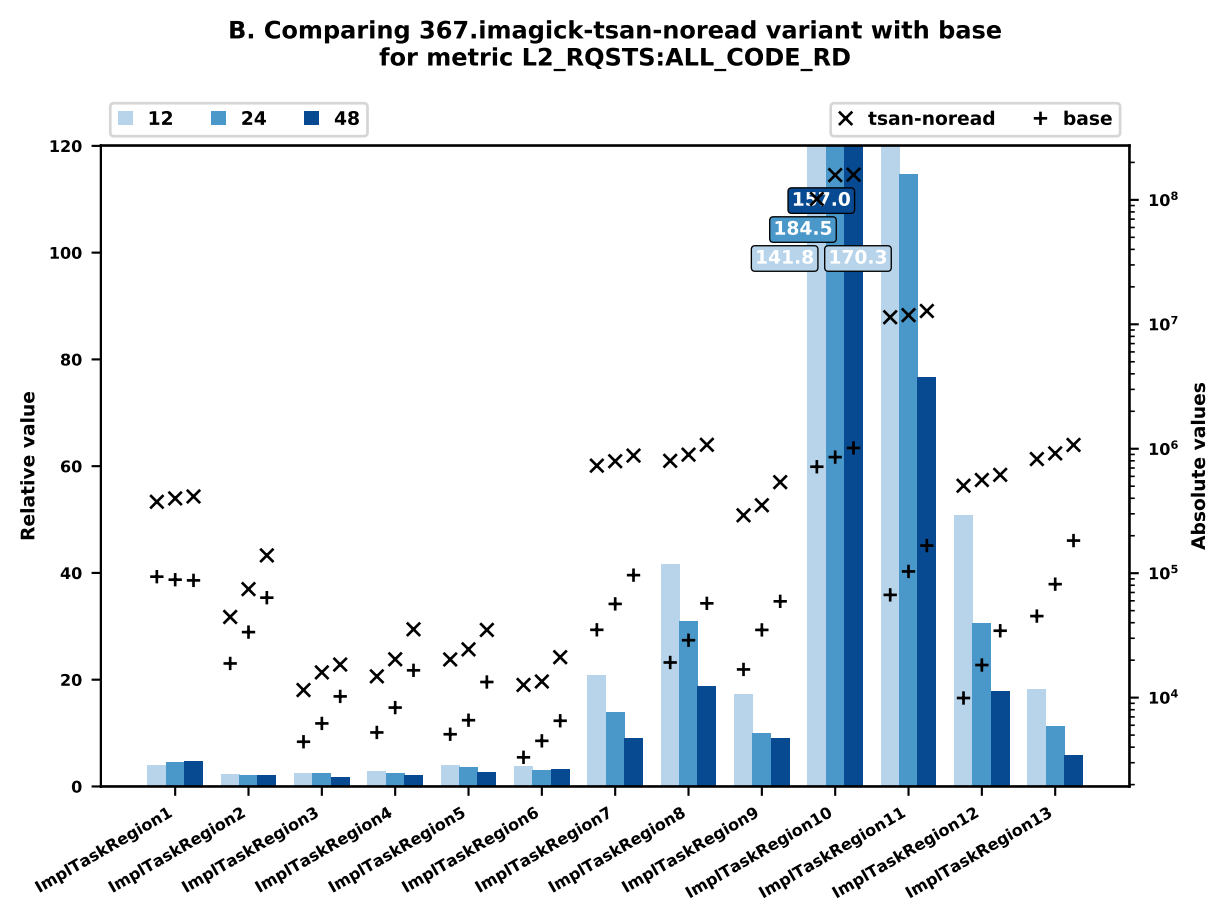
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-tsan-noread variant with base
for metric L2_RQSTS:ALL_CODE_RD
12
24
48
tsan-noread
base
Relative value
Absolute values
157.0
184.5
141.8
170.3
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
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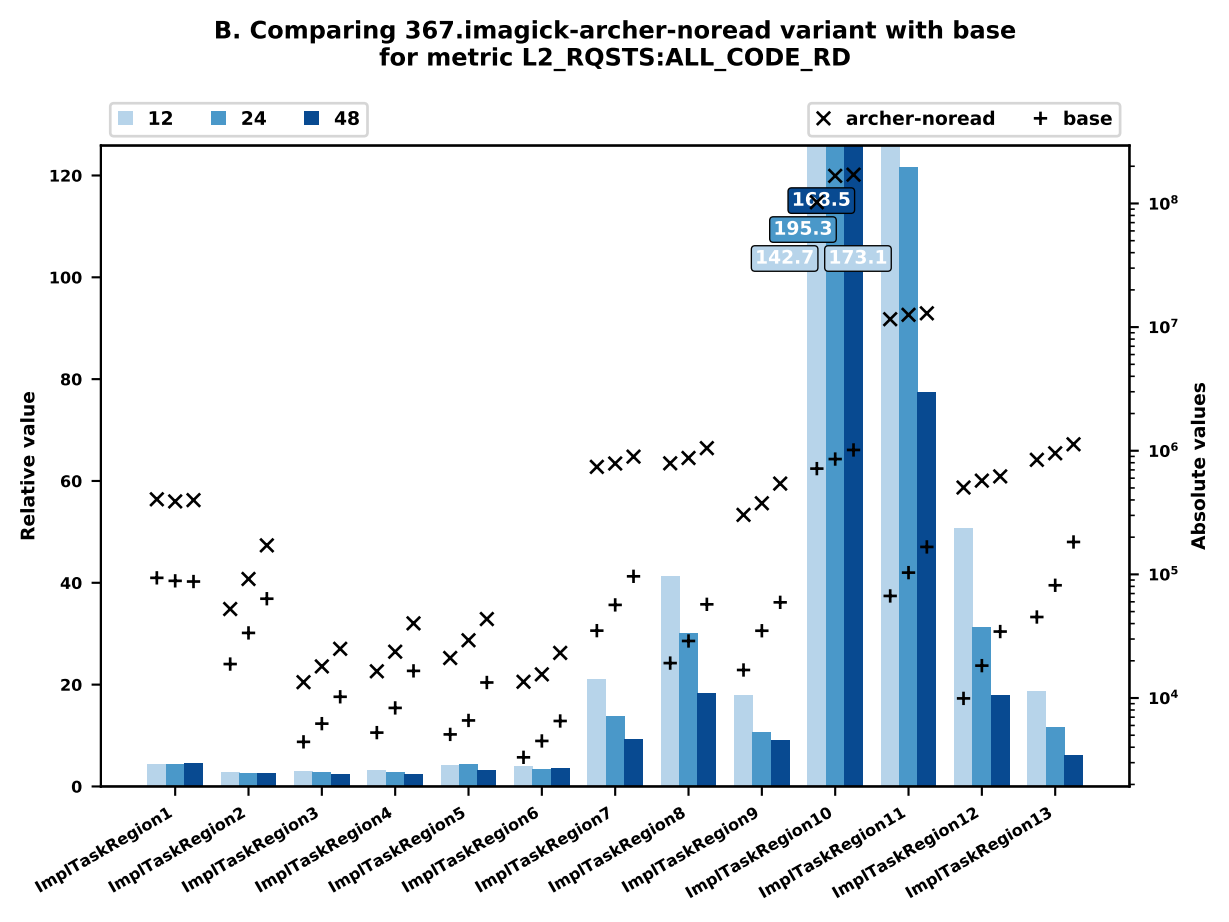
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-archer-noread variant with base
for metric L2_RQSTS:ALL_CODE_RD
12
24
48
archer-noread
base
Relative value
Absolute values
0
20
40
60
80
100
120
10^4
10^5
10^6
10^7
10^8
168.5
195.3
142.7
173.1
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
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ImplTaskRegion6
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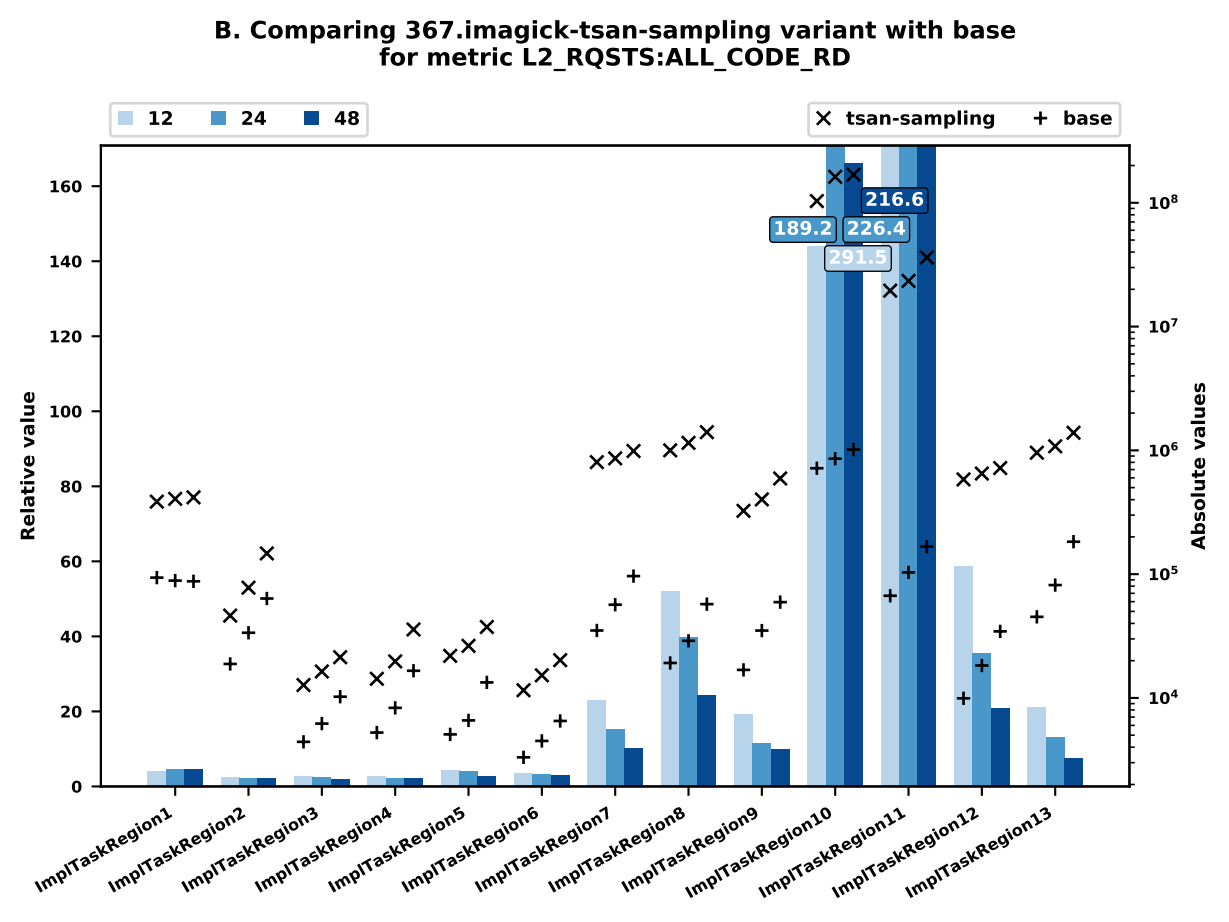
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-tsan-sampling variant with base
for metric L2_RQSTS:ALL_CODE_RD
12
24
48
tsan-sampling
base
Relative value
Absolute values
189.2
216.6
226.4
291.5
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
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ImplTaskRegion10
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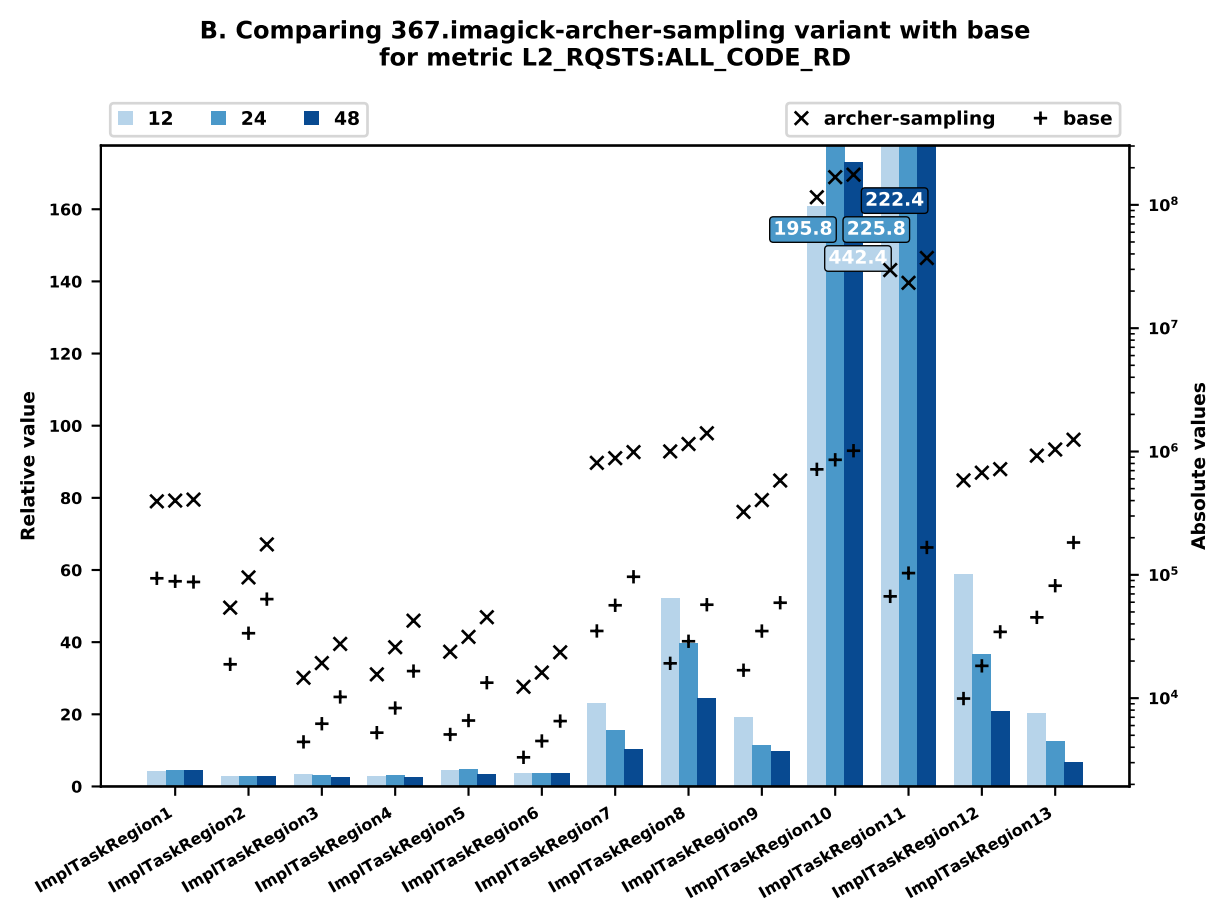
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-archer-sampling variant with base
for metric L2_RQSTS:ALL_CODE_RD
12
24
48
archer-sampling
base
Relative value
Absolute values
222.4
195.8
225.8
442.4
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
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ImplTaskRegion8
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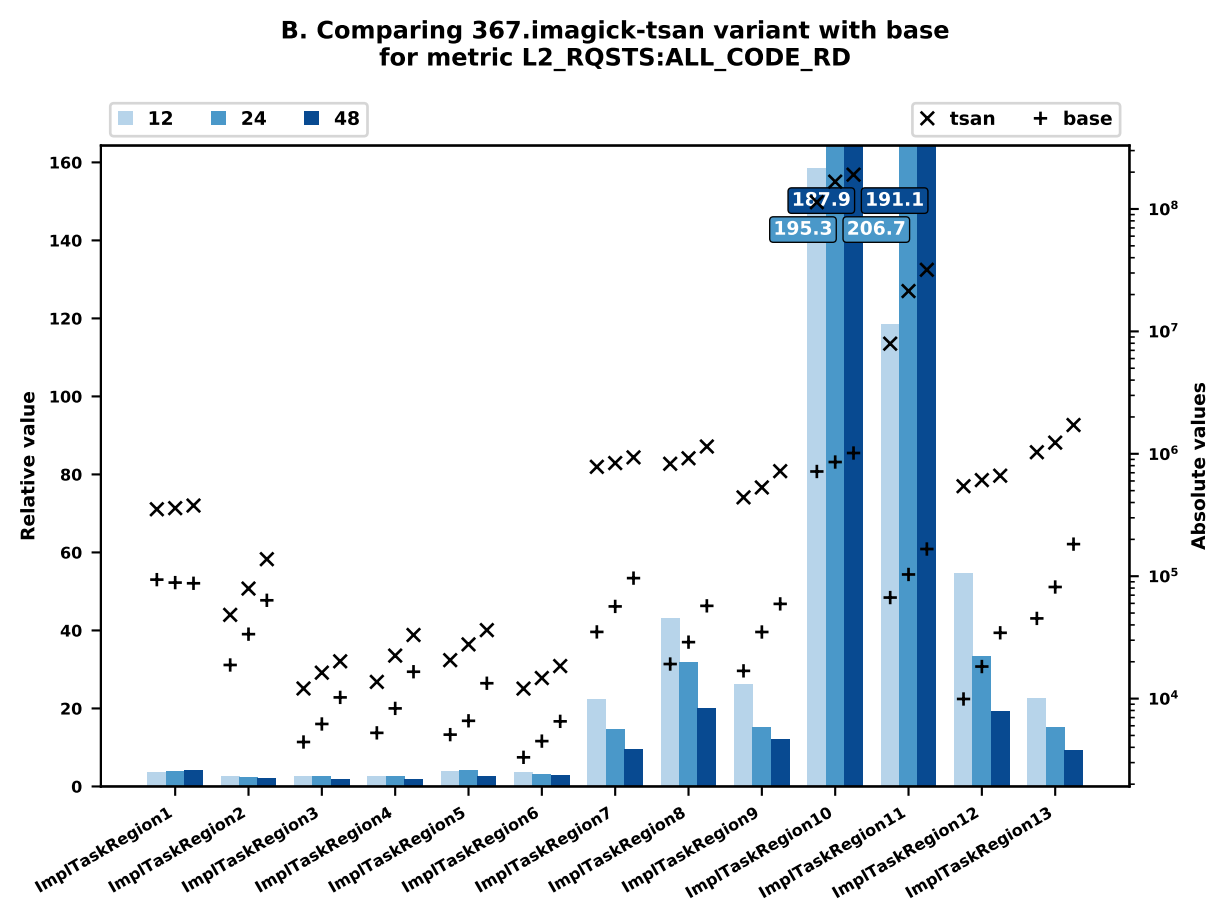
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-tsan variant with base
for metric L2_RQSTS:ALL_CODE_RD
12
24
48
tsan
base
187.9
191.1
195.3
206.7
Relative value
Absolute values
0
20
40
60
80
100
120
140
160
10^4
10^5
10^6
10^7
10^8
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
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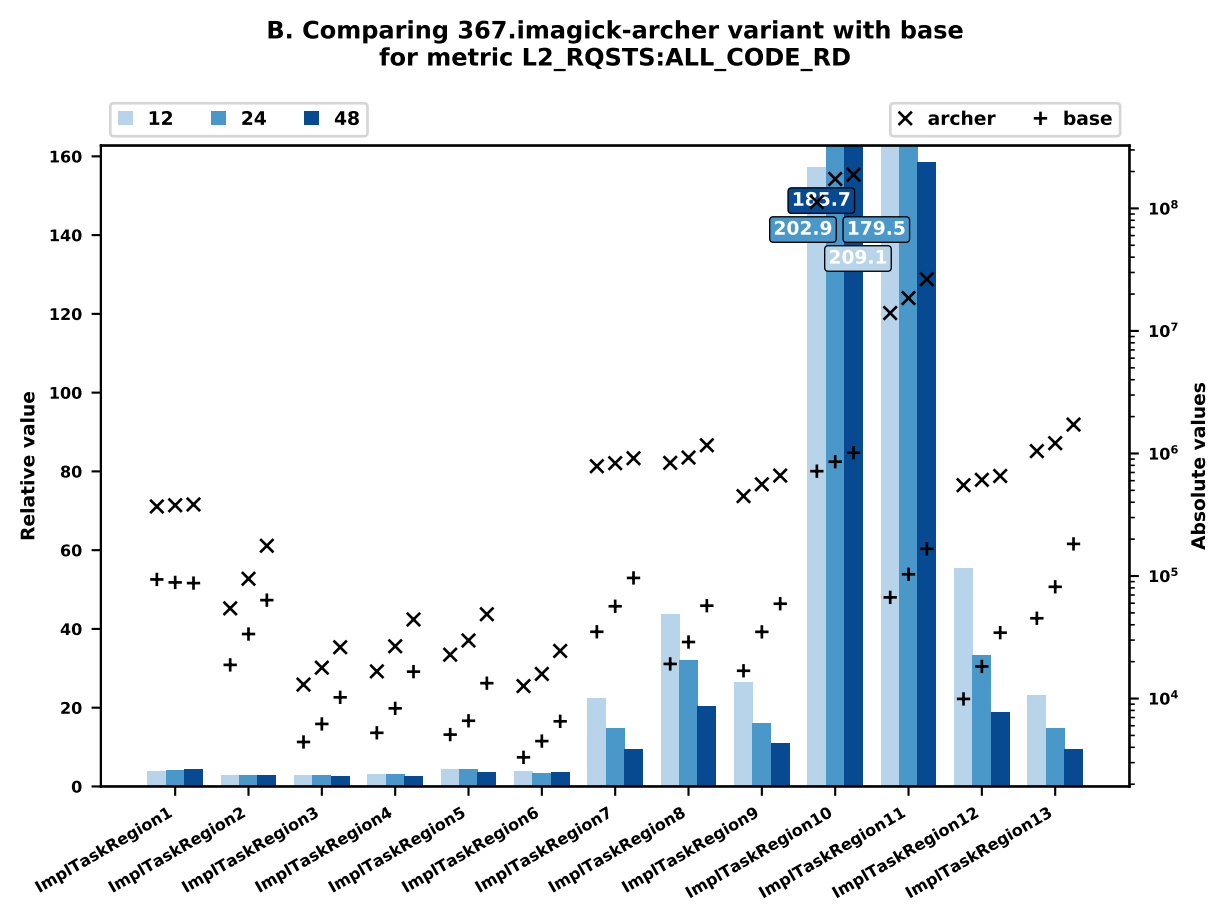
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-archer variant with base
for metric L2_RQSTS:ALL_CODE_RD
12
24
48
archer
base
Relative value
Absolute values
185.7
202.9
179.5
209.1
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
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ImplTaskRegion10
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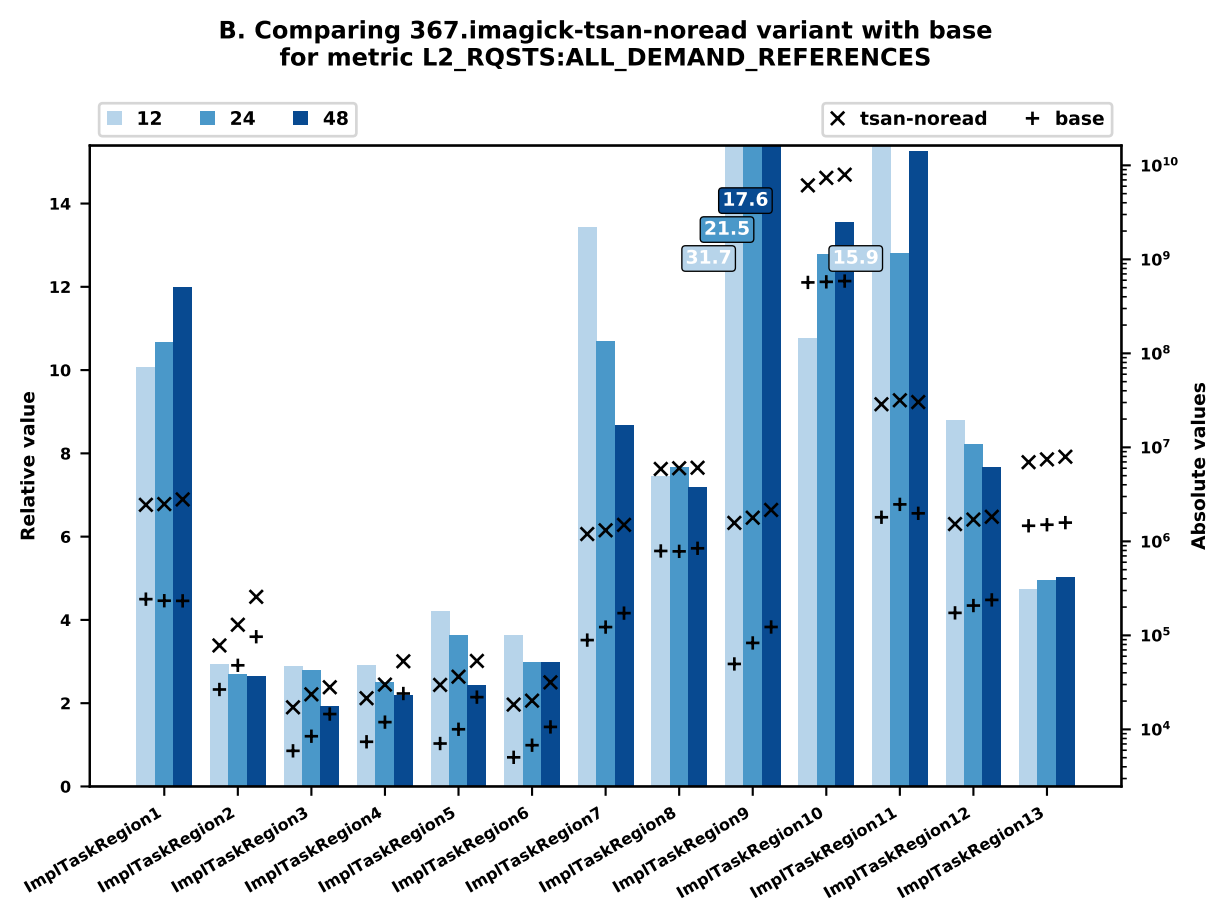
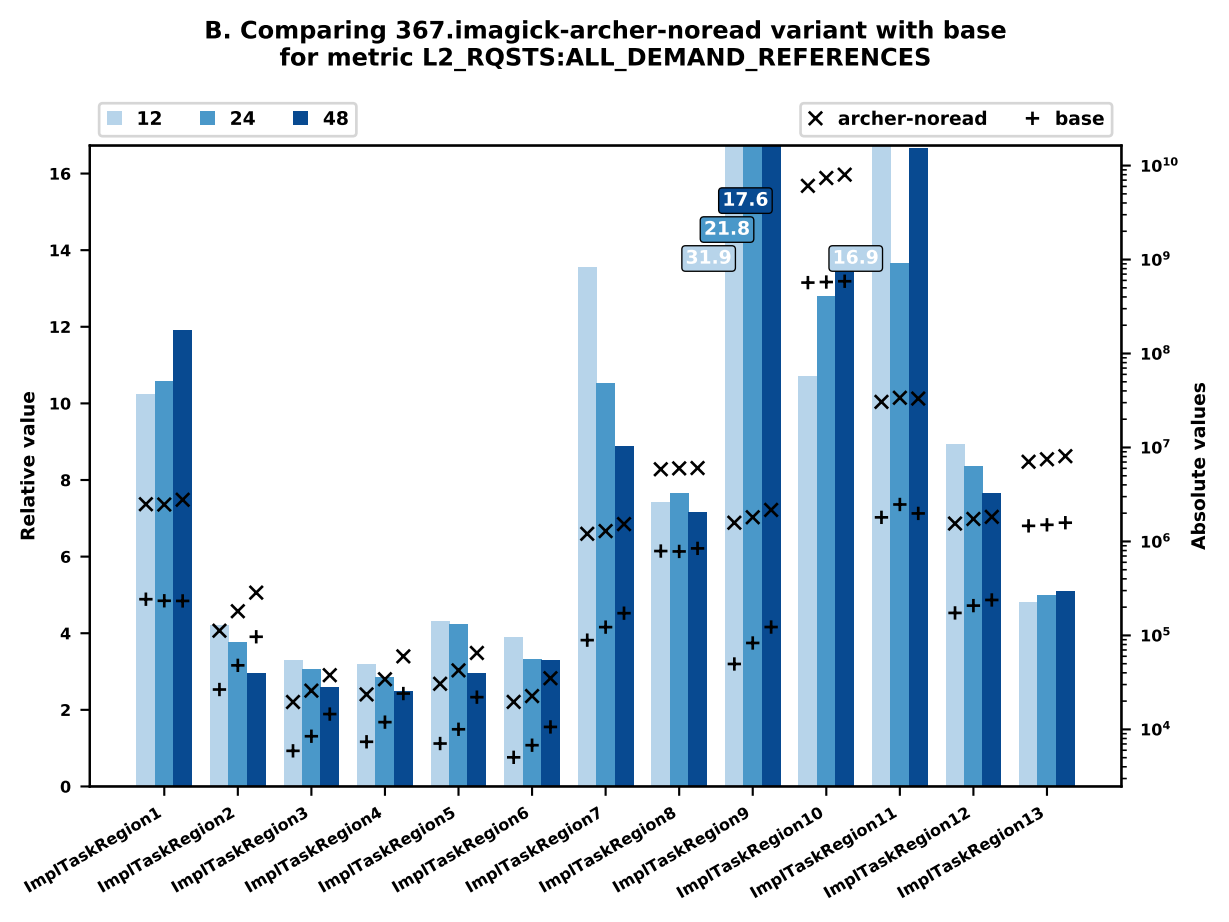
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-tsan-noread variant with base
for metric L2_RQSTS:ALL_DEMAND_REFERENCES
12
24
48
tsan-noread
base
Relative value
Absolute values
0
2
4
6
8
10
12
14
10^{4}
10^{5}
10^{6}
10^{7}
10^{8}
10^{9}
10^{10}
17.6
21.5
31.7
15.9
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-archer-noread variant with base
for metric L2_RQSTS:ALL_DEMAND_REFERENCES
12
24
48
archer-noread
base
Relative value
Absolute values
0
2
4
6
8
10
12
14
16
10^{4}
10^{5}
10^{6}
10^{7}
10^{8}
10^{9}
10^{10}
31.9
21.8
17.6
16.9
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
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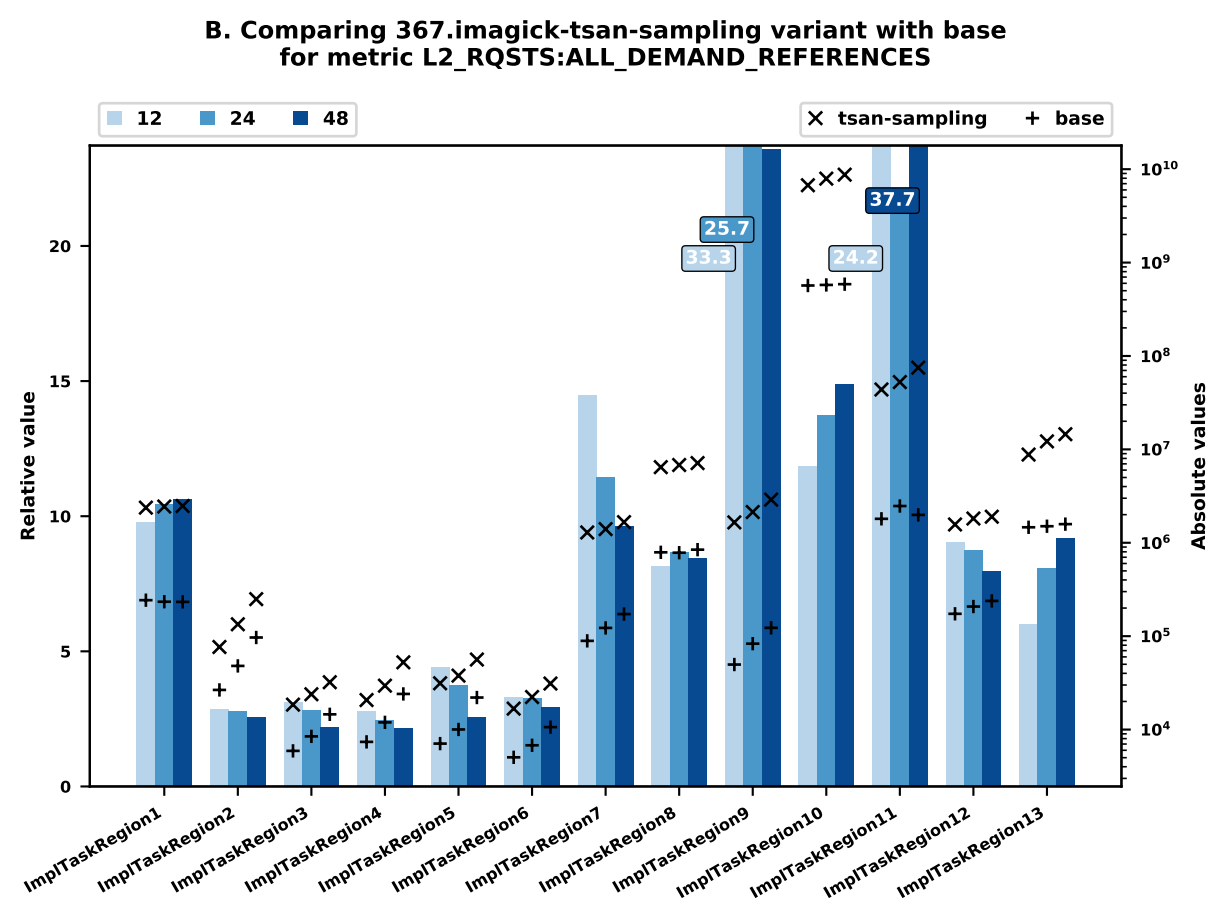
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-tsan-sampling variant with base
for metric L2_RQSTS:ALL_DEMAND_REFERENCES
12
24
48
tsan-sampling
base
Relative value
Absolute values
0
5
10
15
20
10^4
10^5
10^6
10^7
10^8
10^9
10^{10}
25.7
33.3
24.2
37.7
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
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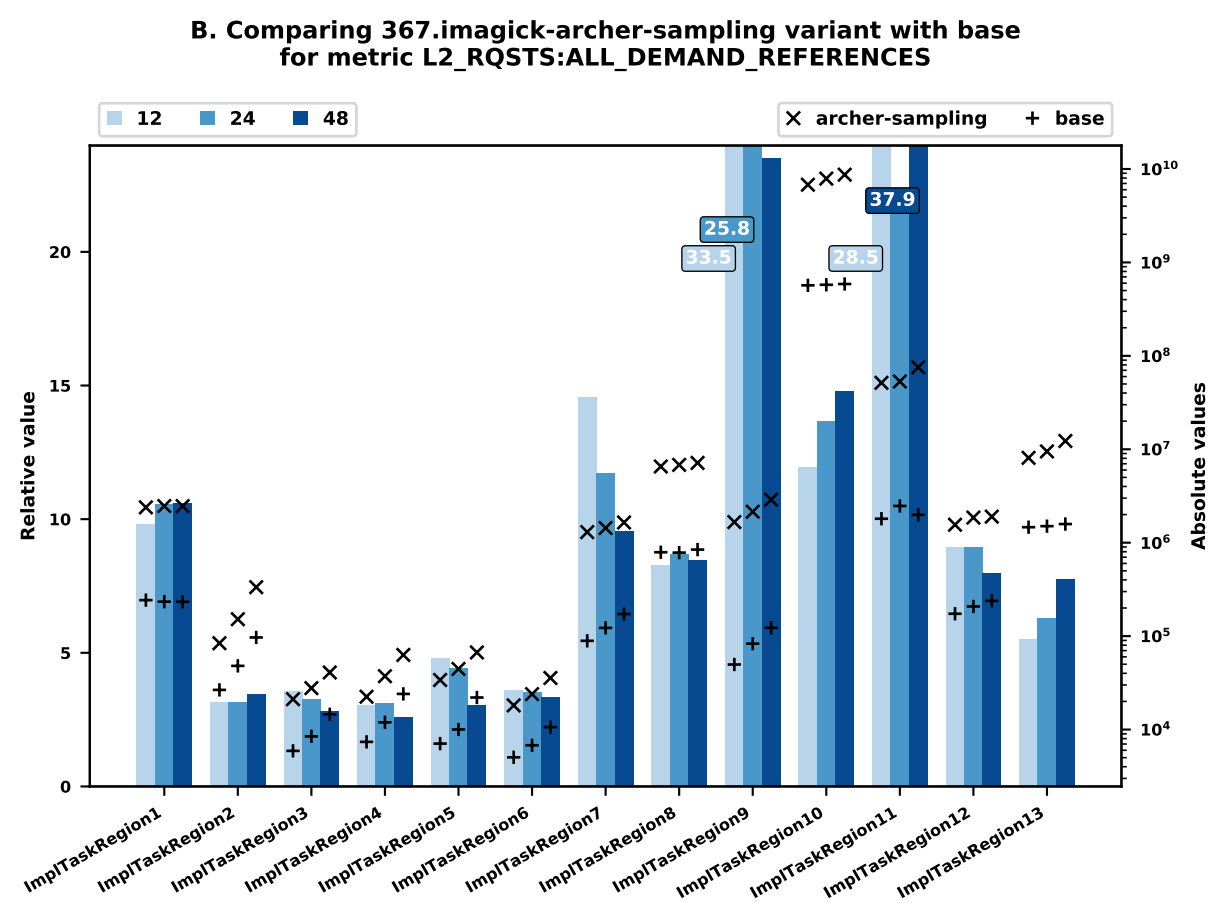
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-archer-sampling variant with base
for metric L2_RQSTS:ALL_DEMAND_REFERENCES
12
24
48
archer-sampling
base
Relative value
Absolute values
0
5
10
15
20
10^4
10^5
10^6
10^7
10^8
10^9
10^{10}
25.8
33.5
28.5
37.9
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
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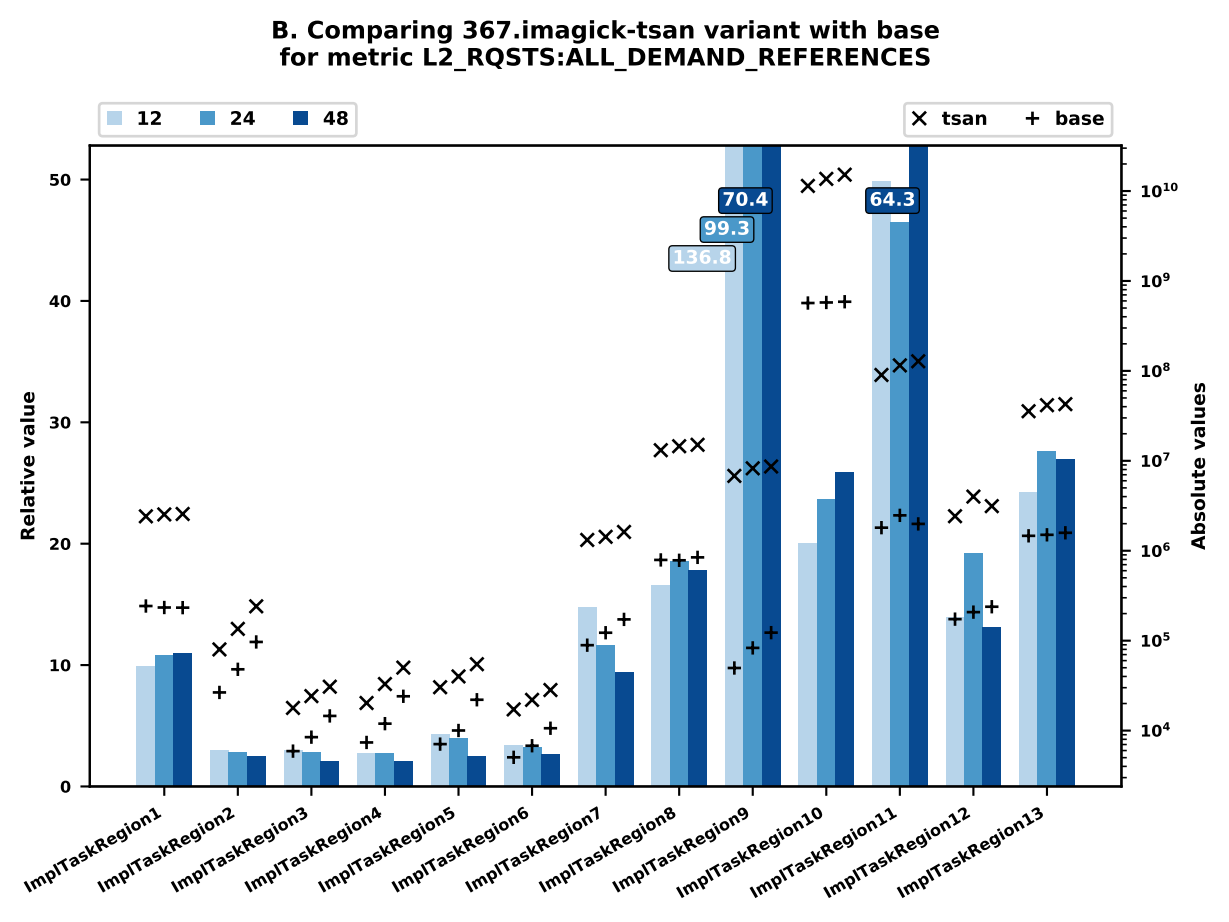
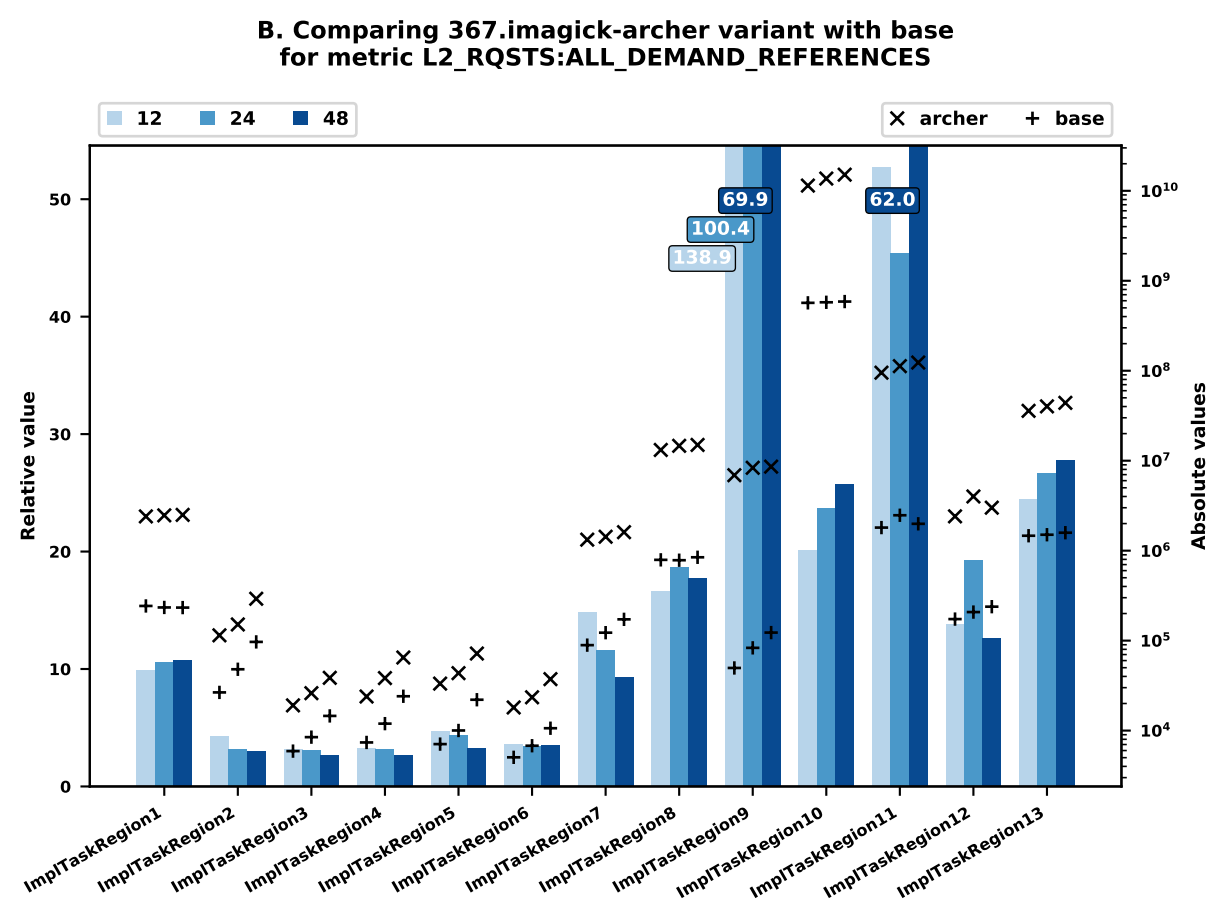
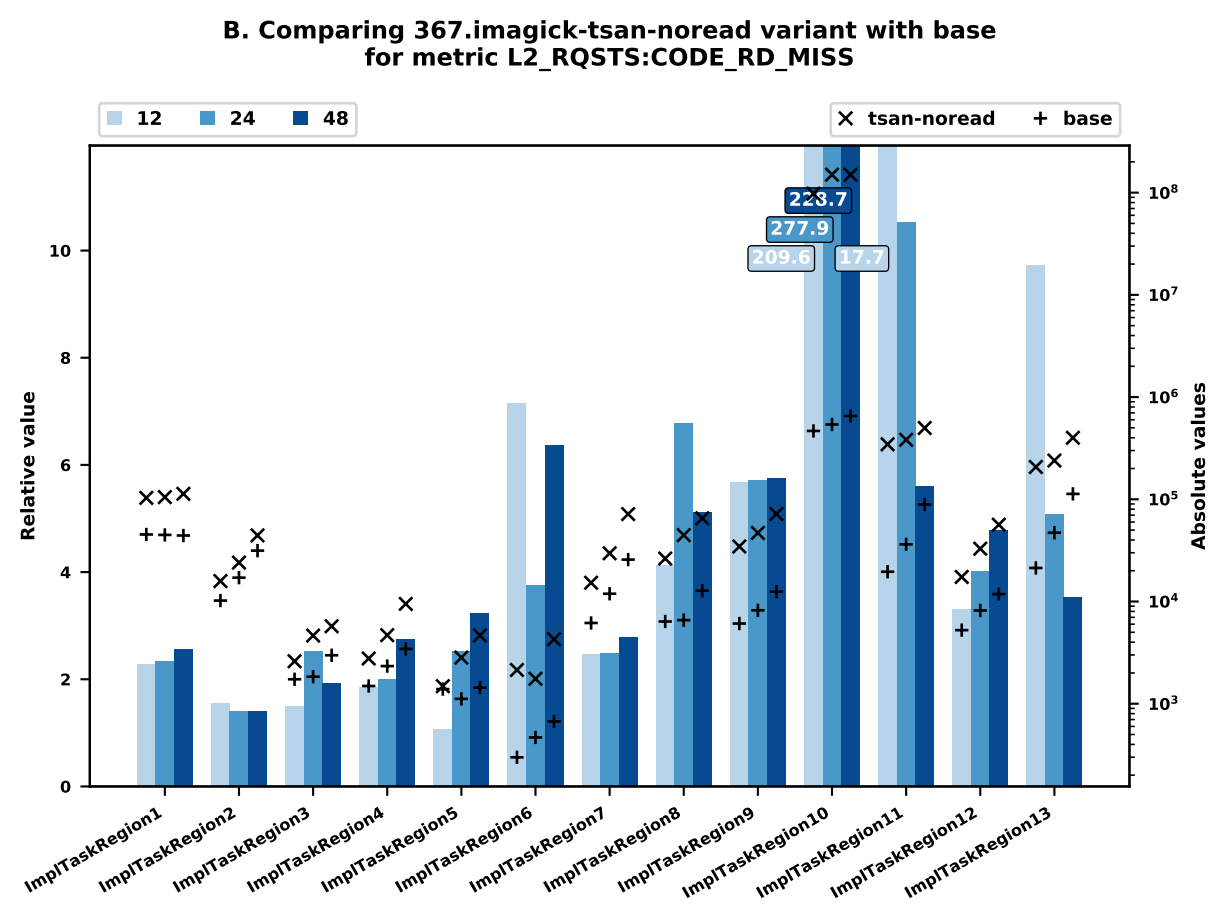
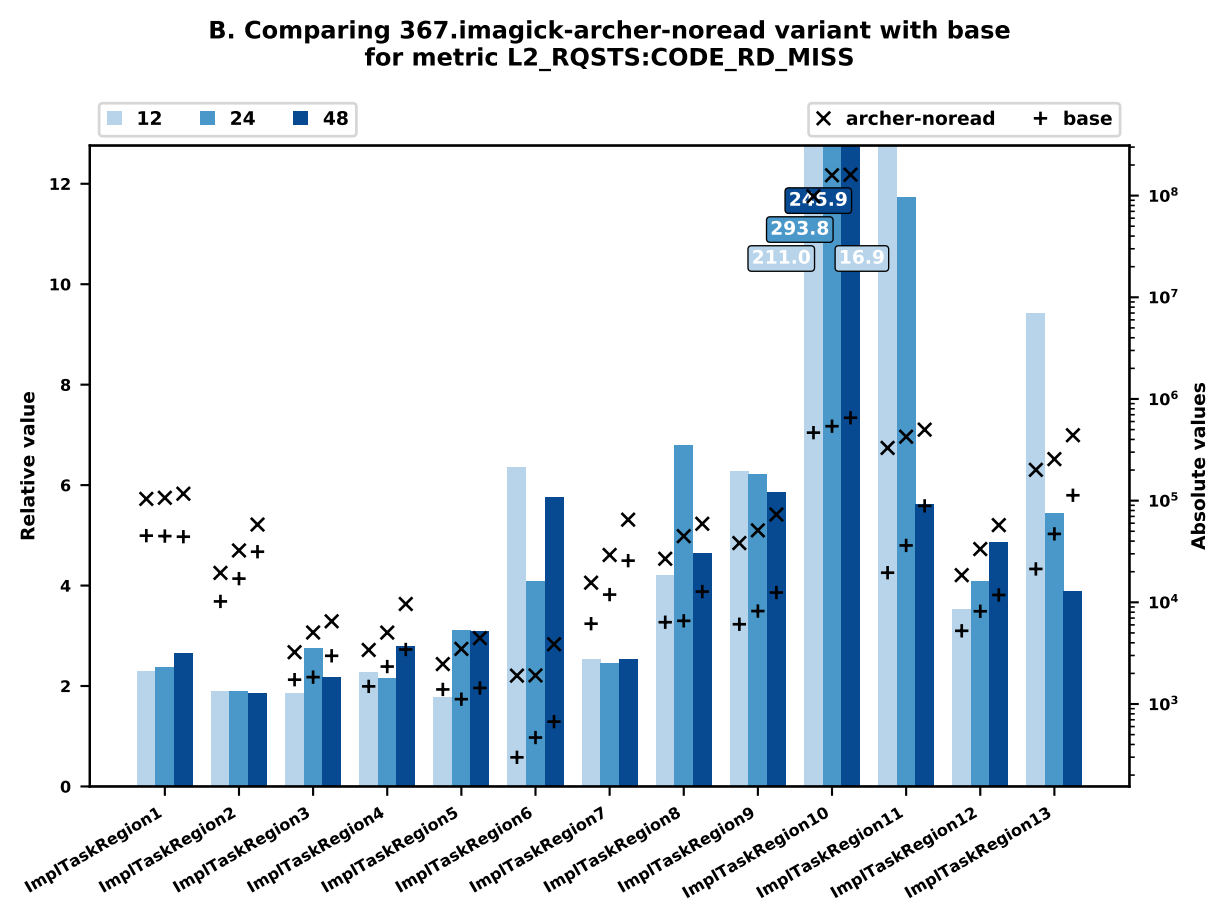
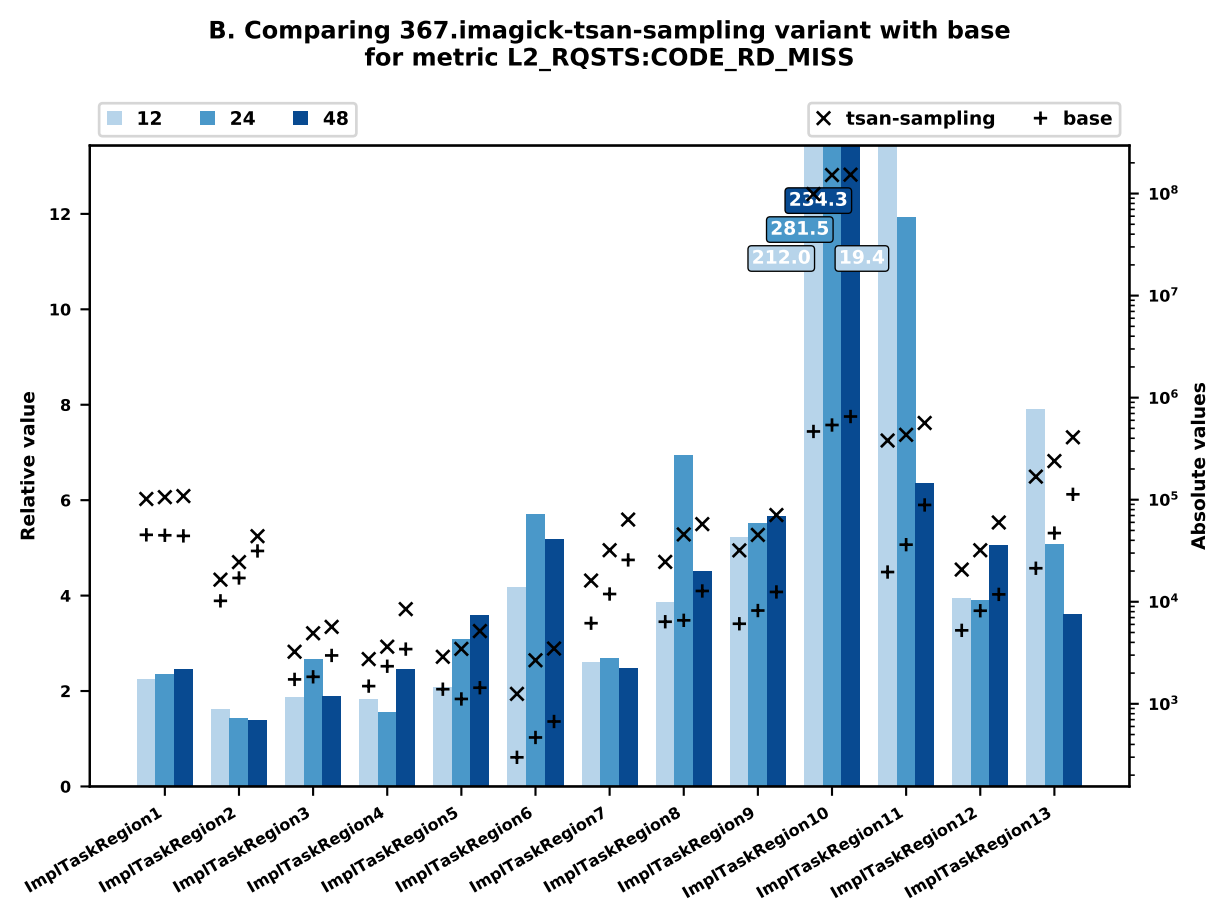
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

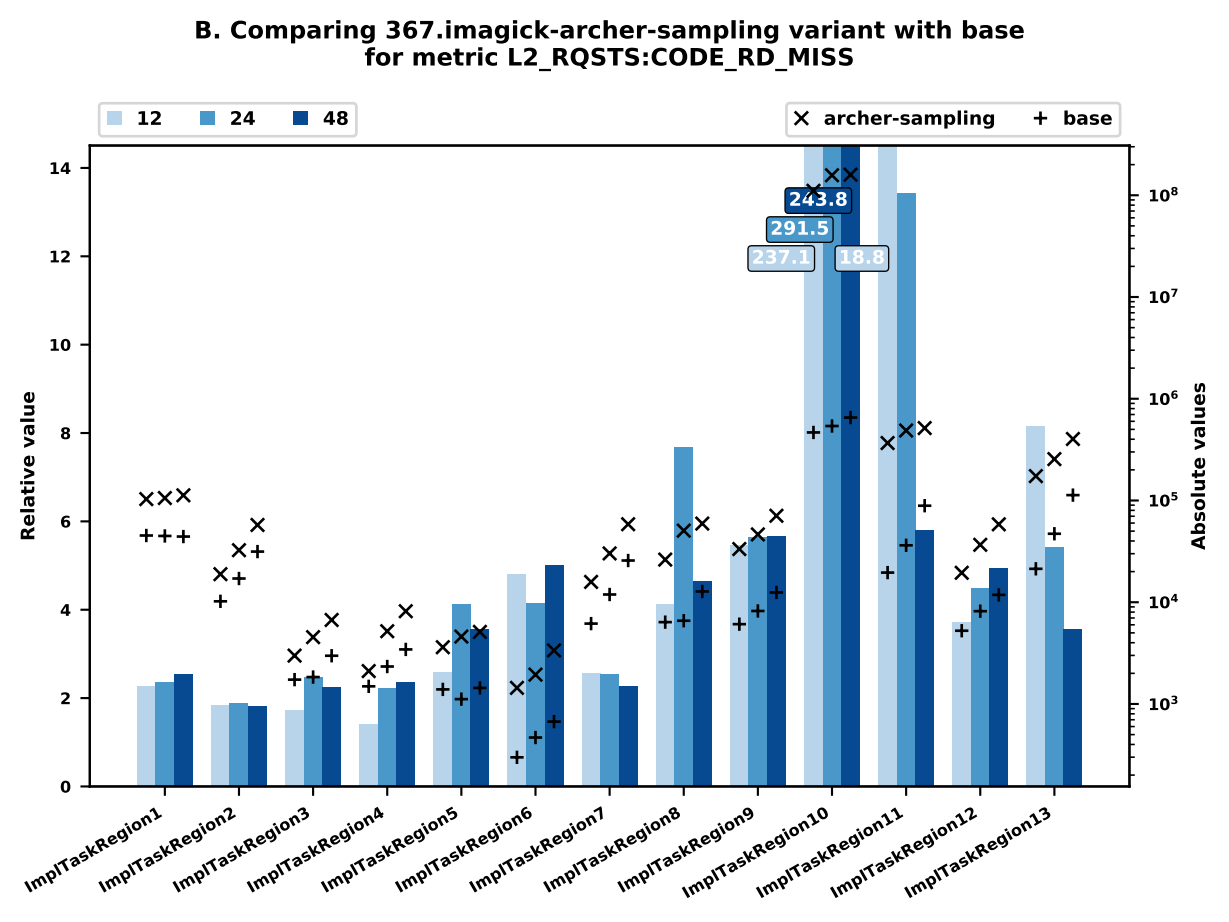

B. Comparing 367.imagick-tsan variant with base
for metric L2_RQSTS:ALL_DEMAND_REFERENCES
12
24
48
tsan
base
Relative value
Absolute values
0
10
20
30
40
50
10^4
10^5
10^6
10^7
10^8
10^9
10^{10}
136.8
99.3
70.4
64.3
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

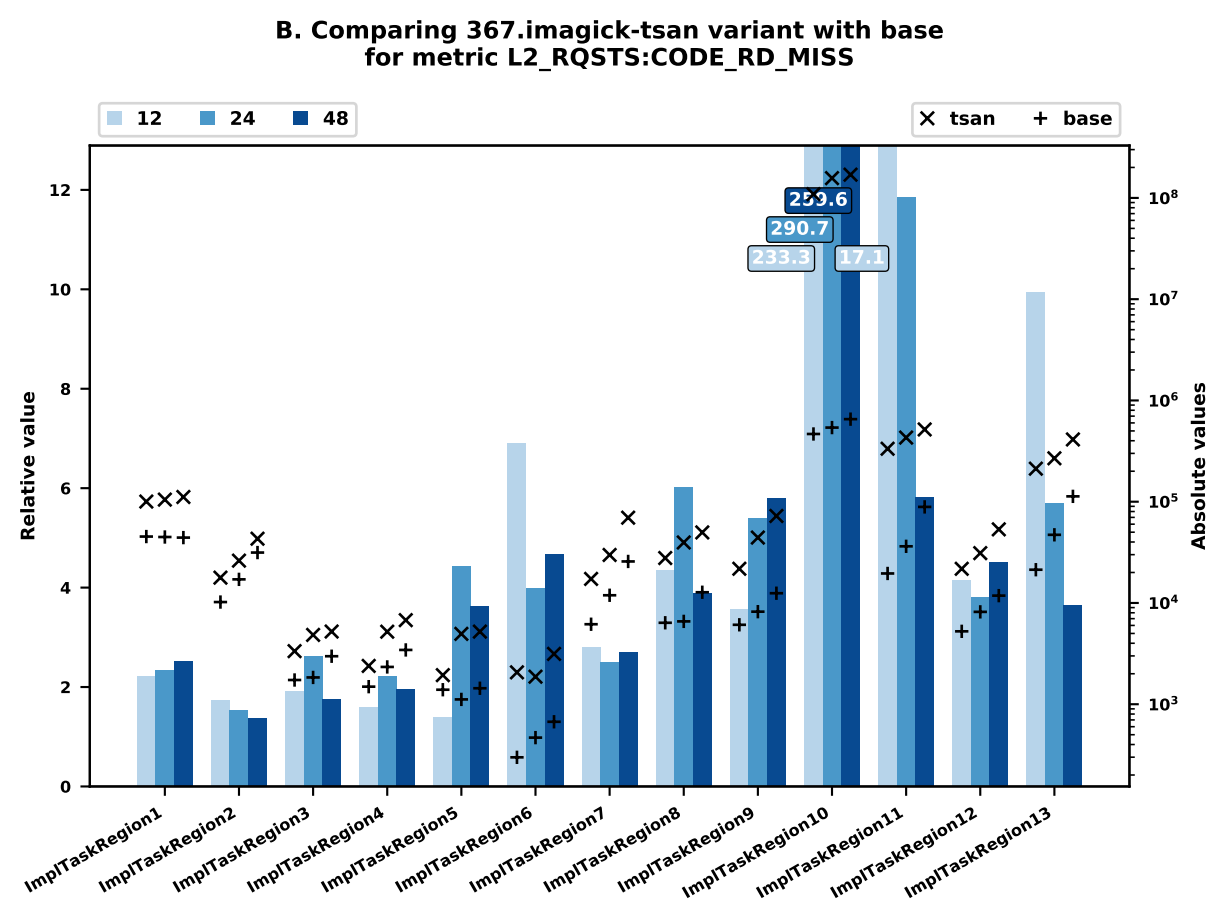

B. Comparing 367.imagick-archer variant with base
for metric L2_RQSTS:ALL_DEMAND_REFERENCES
12
24
48
archer
base
Relative value
Absolute values
0
10
20
30
40
50
10^4
10^5
10^6
10^7
10^8
10^9
10^{10}
138.9
100.4
69.9
62.0
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

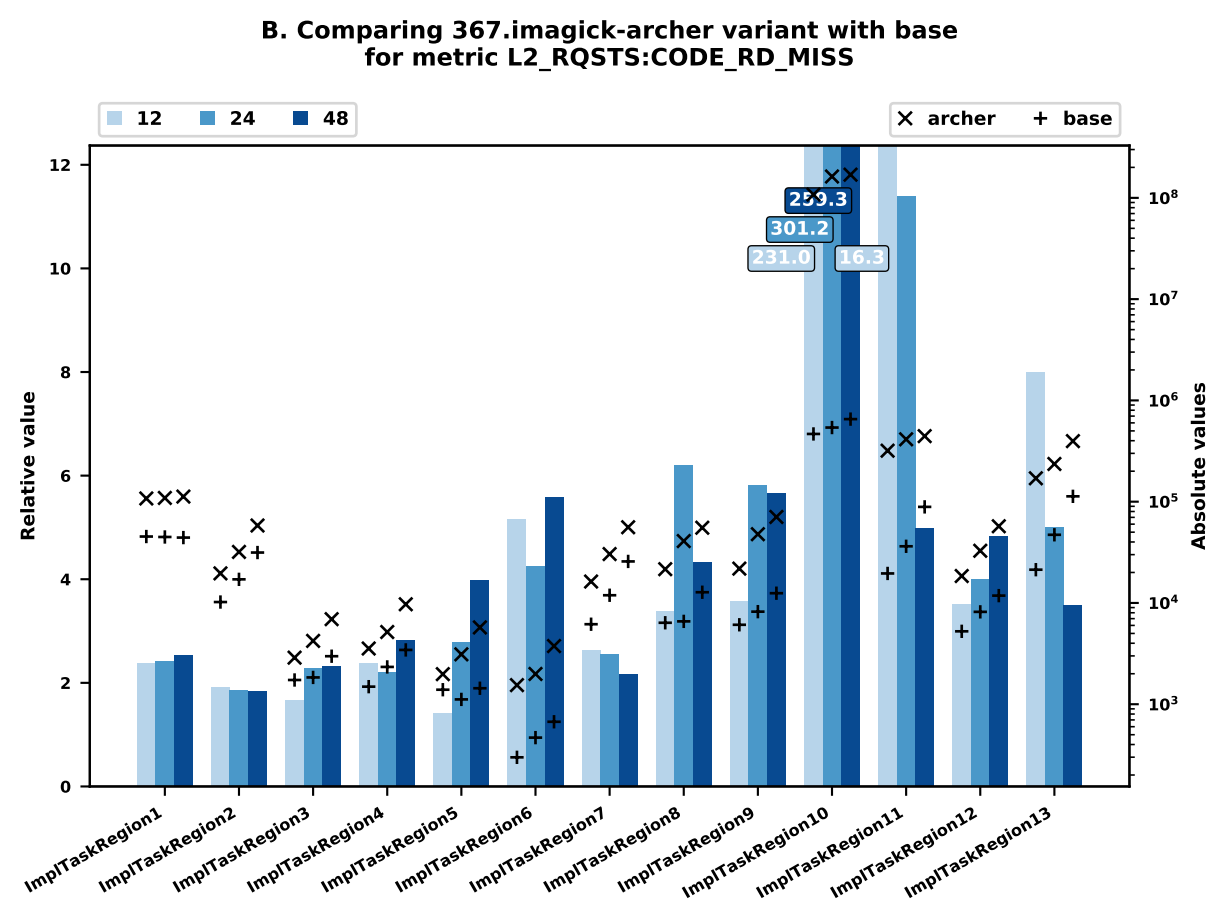

B. Comparing 367.imagick-tsan-noread variant with base
for metric L2_RQSTS:CODE_RD_MISS
12
24
48
tsan-noread
base
223.7
277.9
209.6
17.7
Relative value
Absolute values
0
2
4
6
8
10
10^3
10^4
10^5
10^6
10^7
10^8
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-archer-noread variant with base
for metric L2_RQSTS:CODE_RD_MISS
12
24
48
archer-noread
base
Relative value
Absolute values
245.9
293.8
211.0
16.9
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-tsan-sampling variant with base
for metric L2_RQSTS:CODE_RD_MISS
12
24
48
tsan-sampling
base
Relative value
Absolute values
234.3
281.5
212.0
19.4
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-archer-sampling variant with base
for metric L2_RQSTS:CODE_RD_MISS
12
24
48
archer-sampling
base
243.8
291.5
237.1
18.8
Relative value
Absolute values
0
2
4
6
8
10
12
14
10^3
10^4
10^5
10^6
10^7
10^8
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-tsan variant with base
for metric L2_RQSTS:CODE_RD_MISS
12
24
48
tsan
base
Relative value
Absolute values
0
2
4
6
8
10
12
10^3
10^4
10^5
10^6
10^7
10^8
259.6
290.7
233.3
17.1
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-archer variant with base
for metric L2_RQSTS:CODE_RD_MISS
12
24
48
archer
base
Relative value
Absolute values
0
2
4
6
8
10
12
10^3
10^4
10^5
10^6
10^7
10^8
259.3
301.2
231.0
16.3
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
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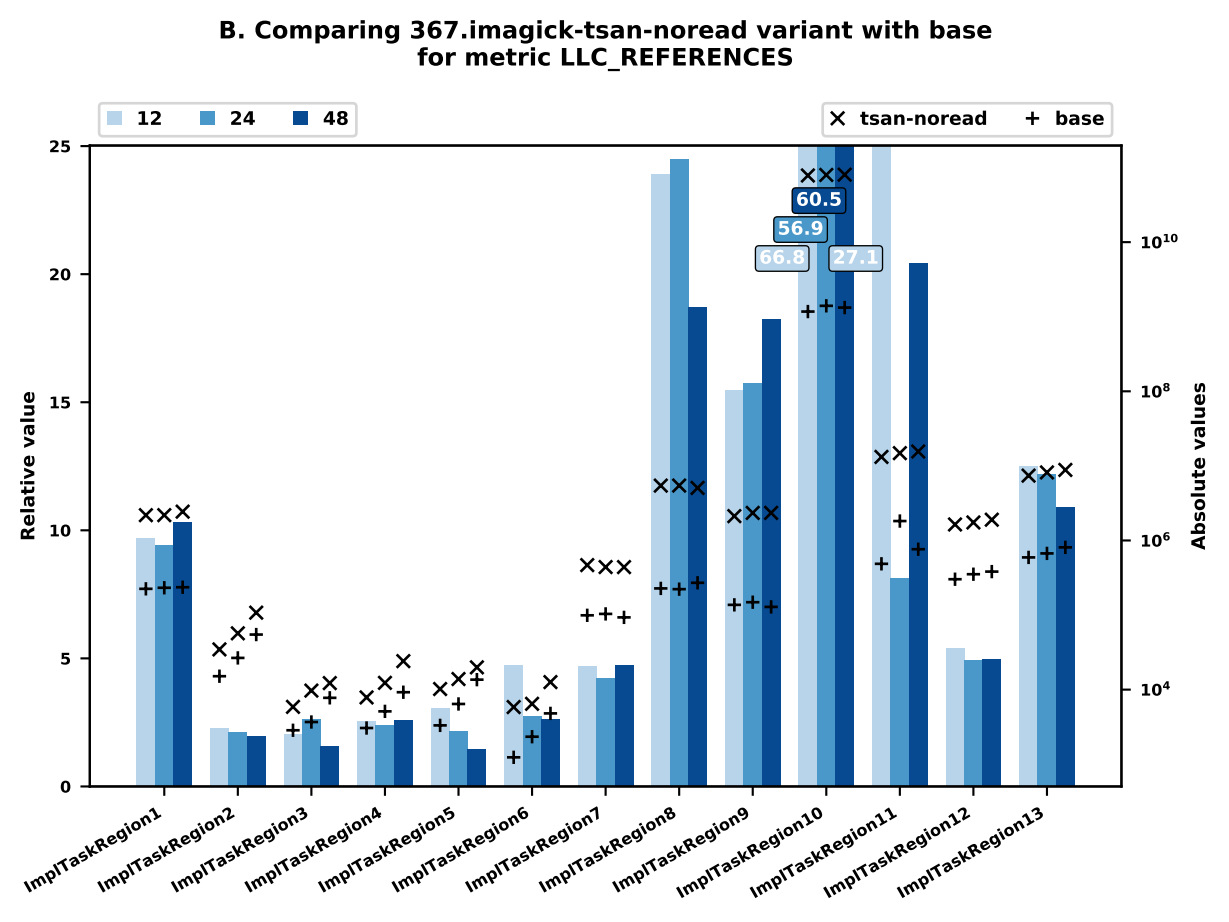
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-tsan-noread variant with base
for metric LLC_REFERENCES
12
24
48
tsan-noread
base
Relative value
Absolute values
25
20
15
10
5
0
10^{10}
10^{8}
10^{6}
10^{4}
66.8
56.9
60.5
27.1
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
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ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
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ImplTaskRegion10
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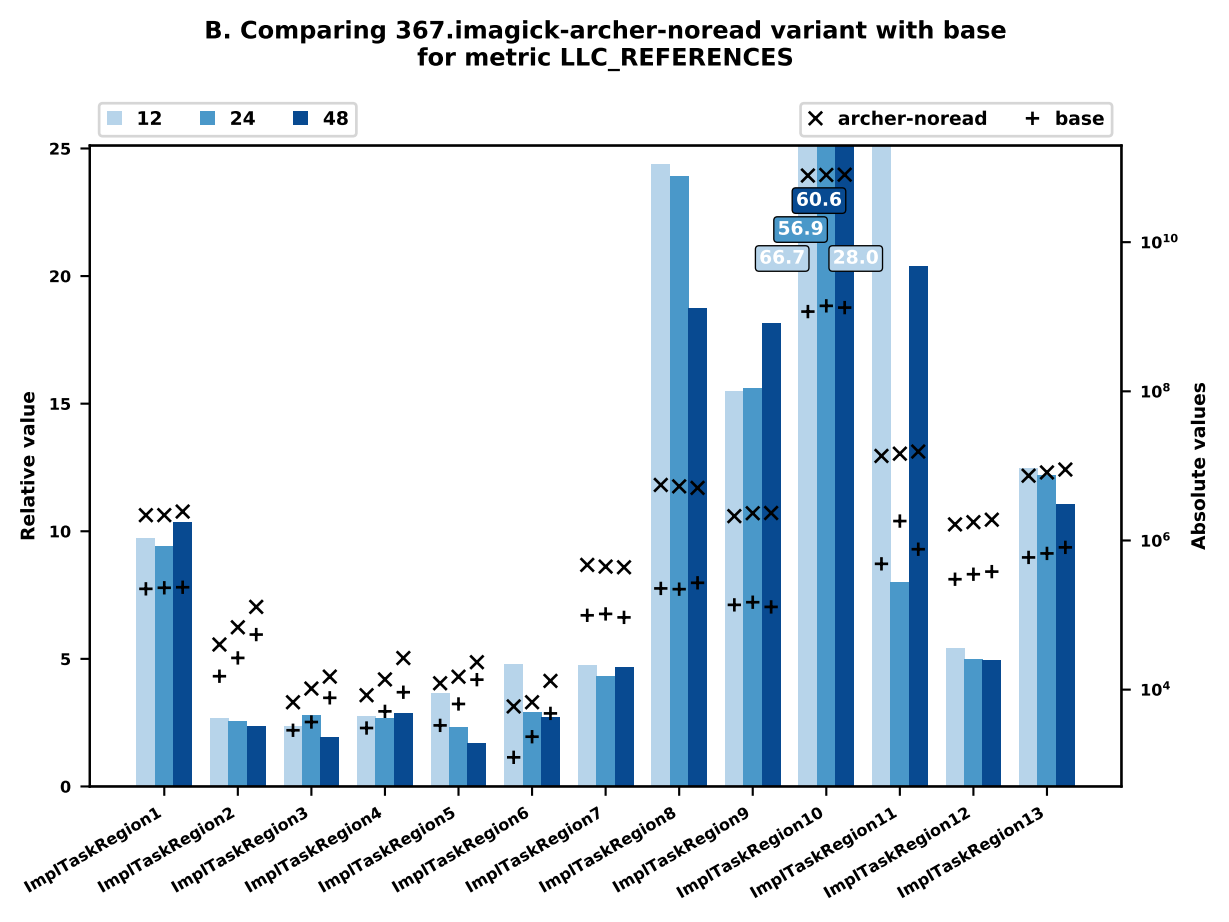
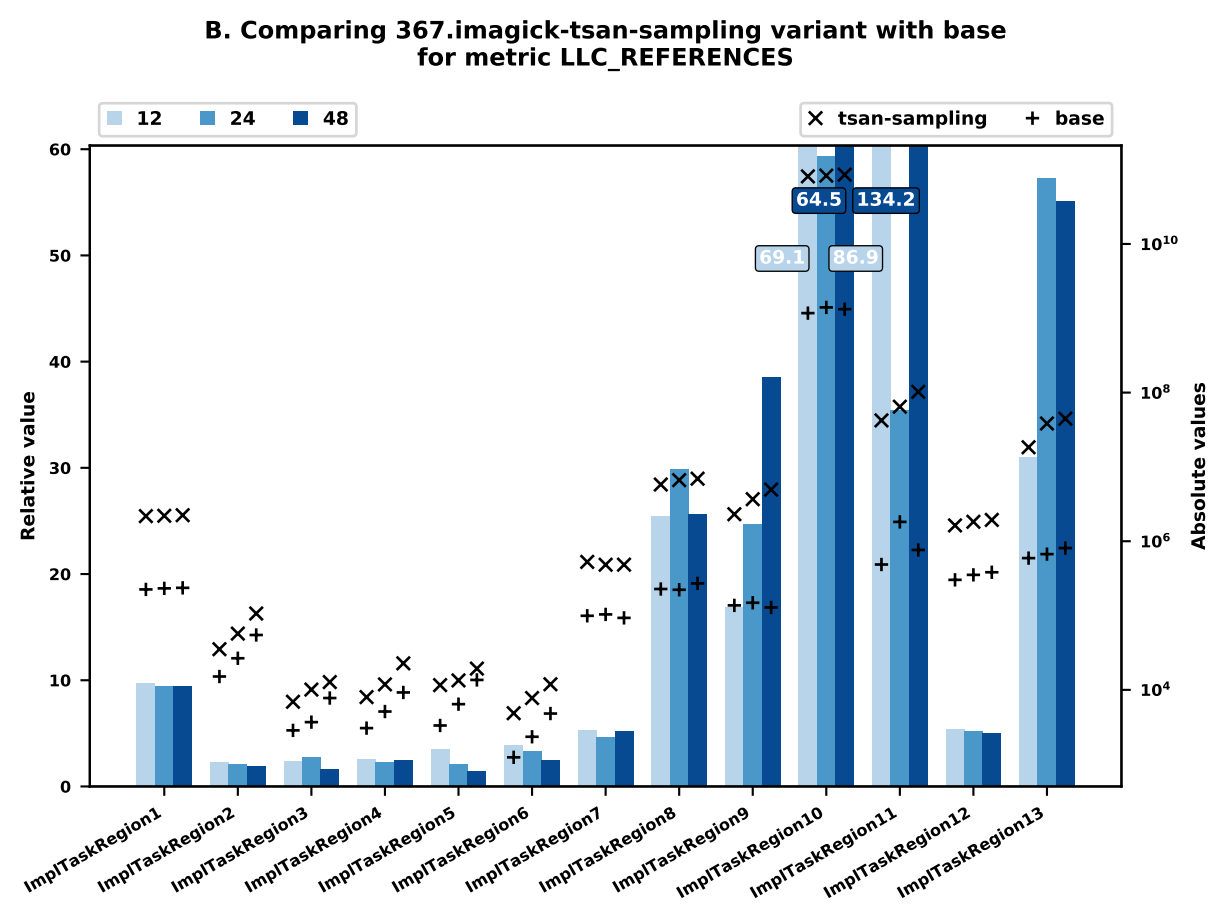
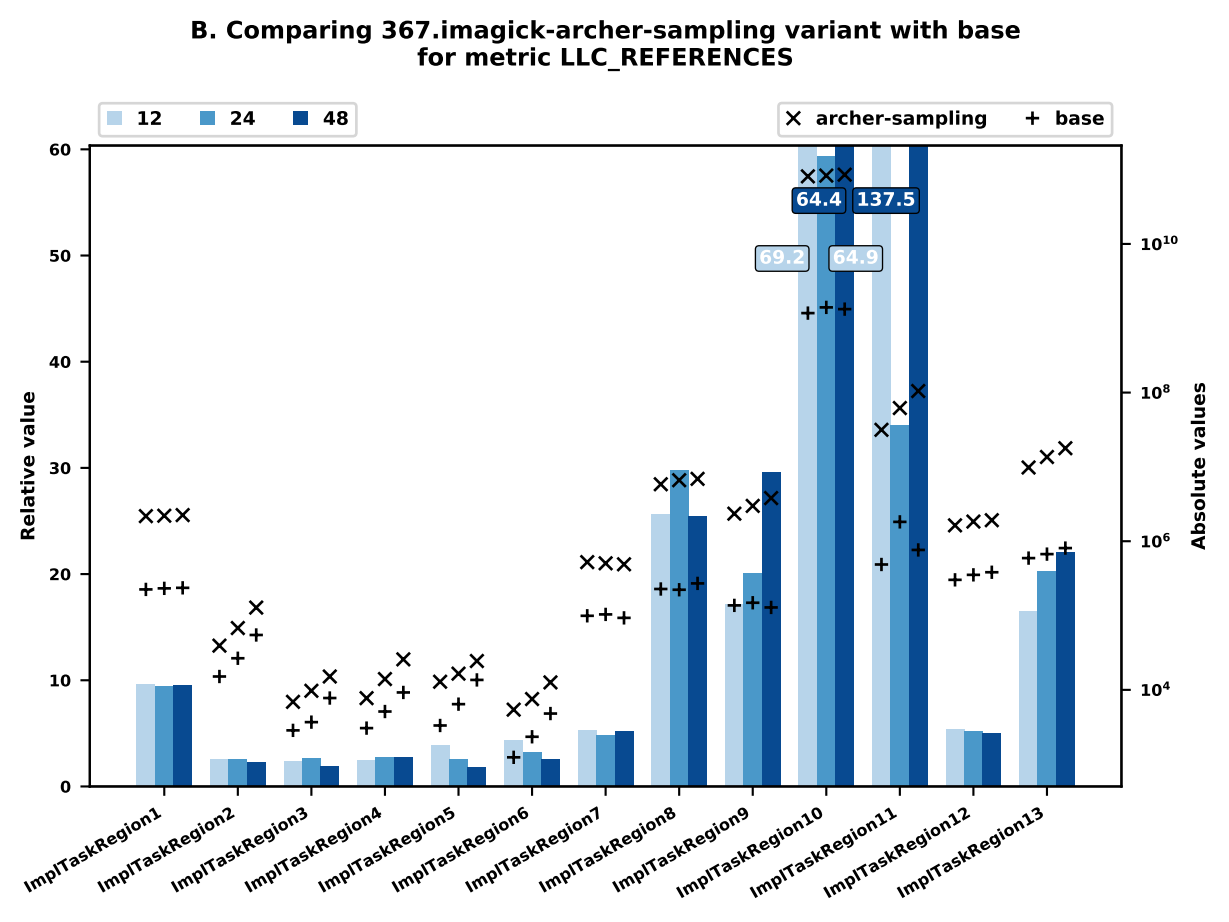
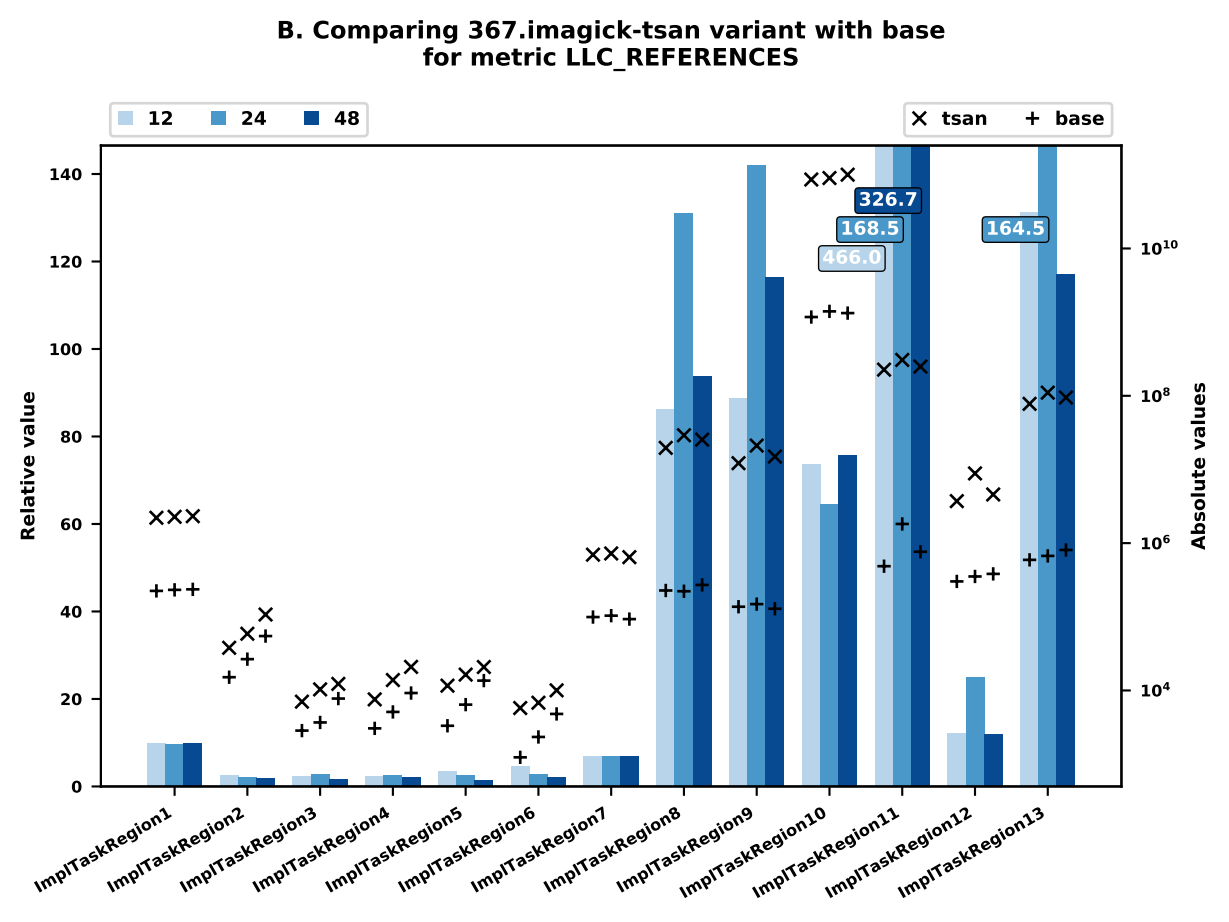
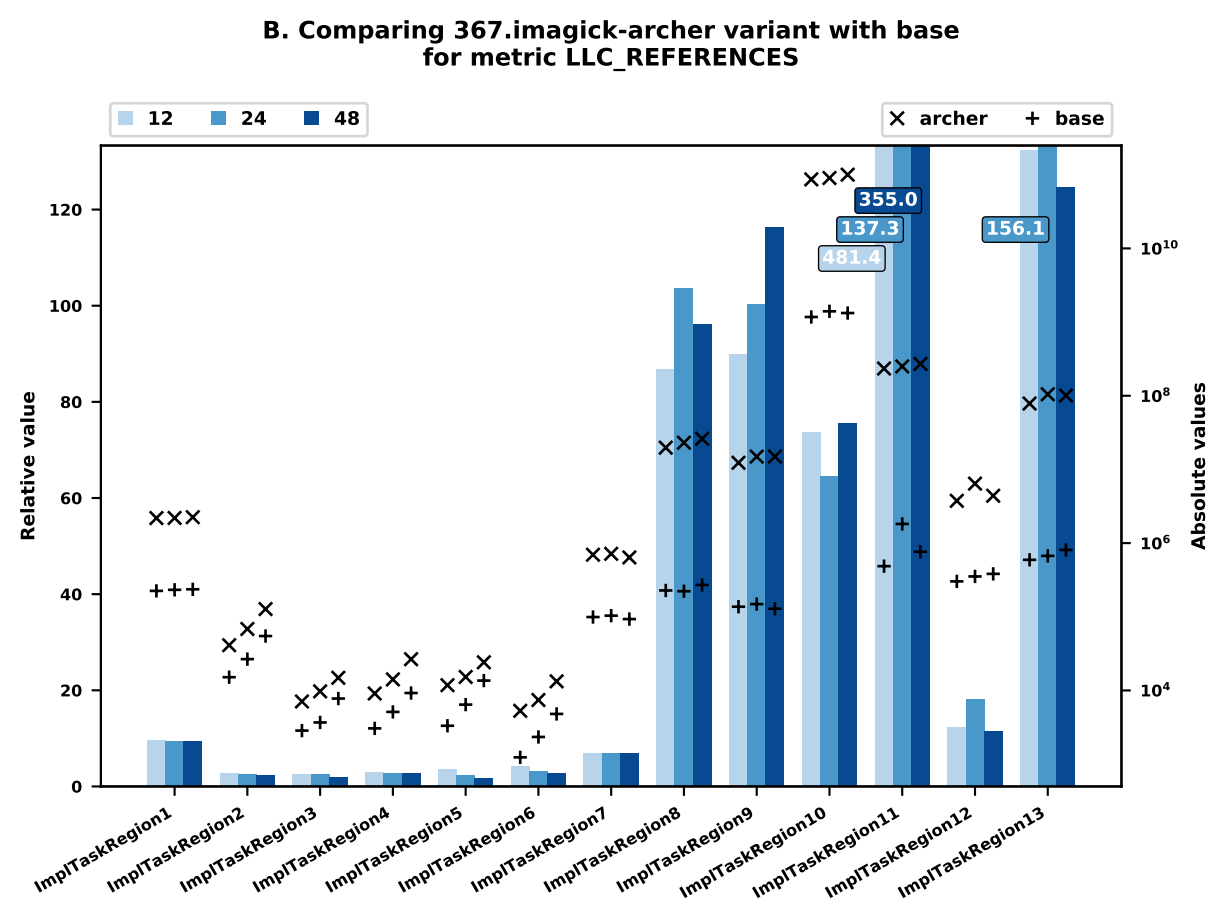
ImplTaskRegion12
ImplTaskRegion13

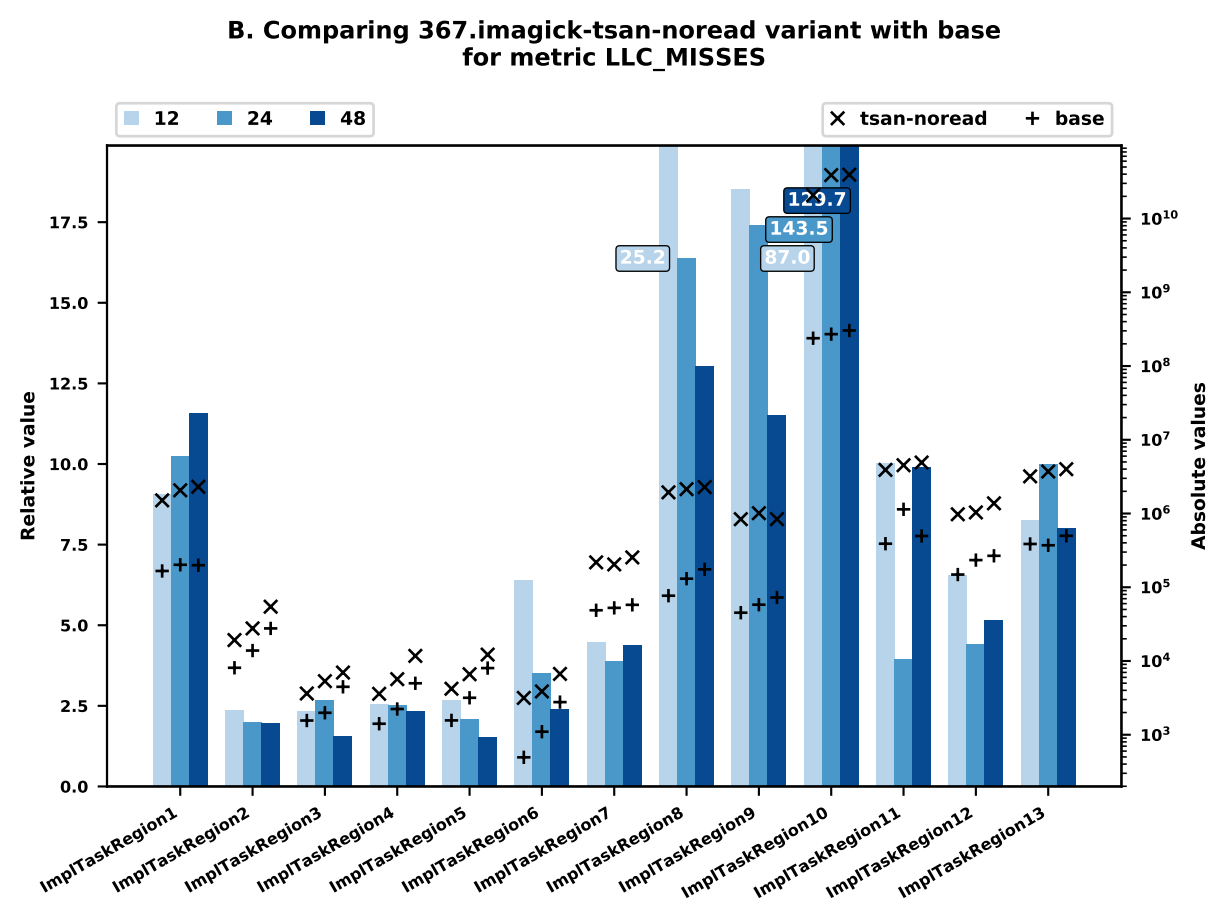

B. Comparing 367.imagick-archer-noread variant with base
for metric LLC_REFERENCES
12
24
48
archer-noread
base
Relative value
Absolute values
25
20
15
10
5
0
10^{10}
10^{8}
10^{6}
10^{4}
66.7
56.9
60.6
28.0
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

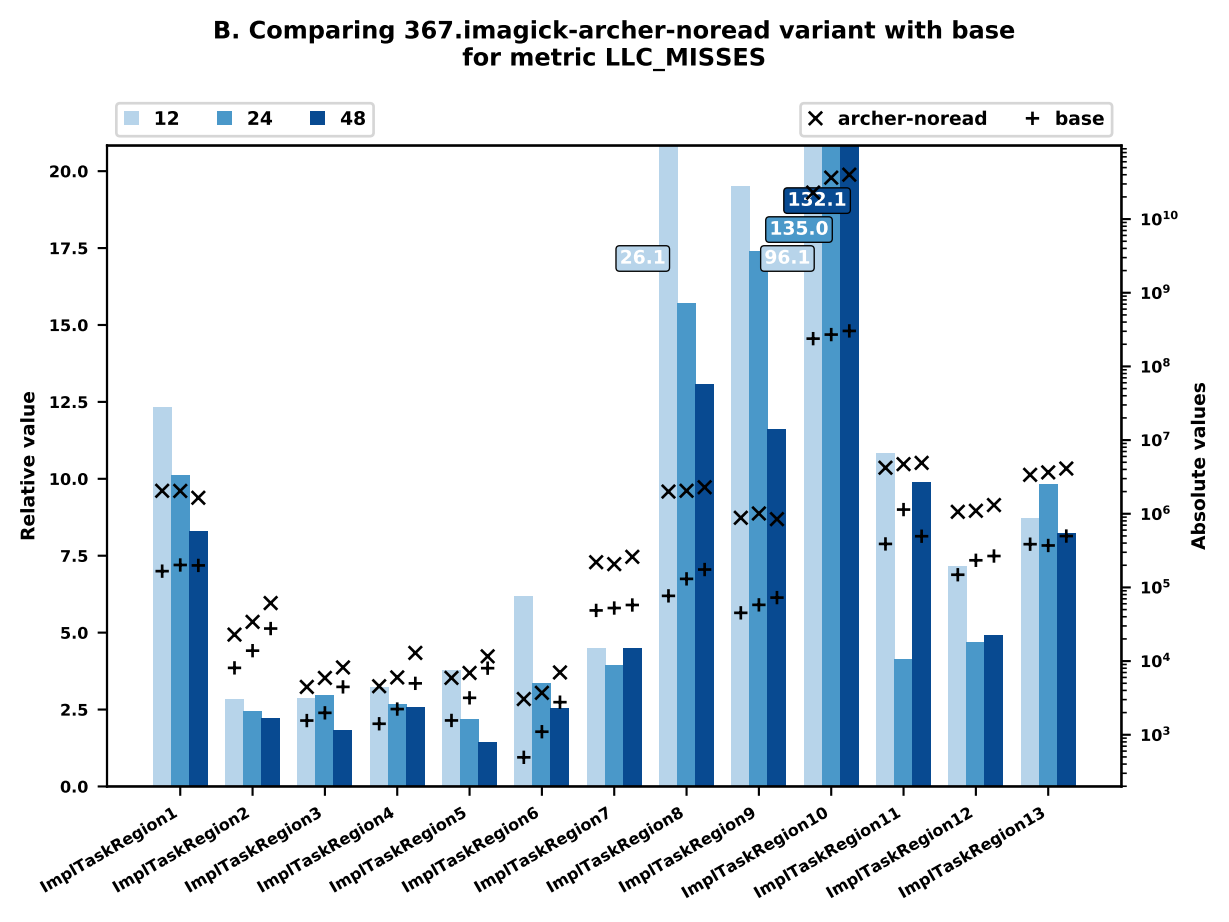

B. Comparing 367.imagick-tsan-sampling variant with base
for metric LLC_REFERENCES
12
24
48
tsan-sampling
base
Relative value
Absolute values
0
10
20
30
40
50
60
10^4
10^6
10^8
10^{10}
64.5
134.2
69.1
86.9
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

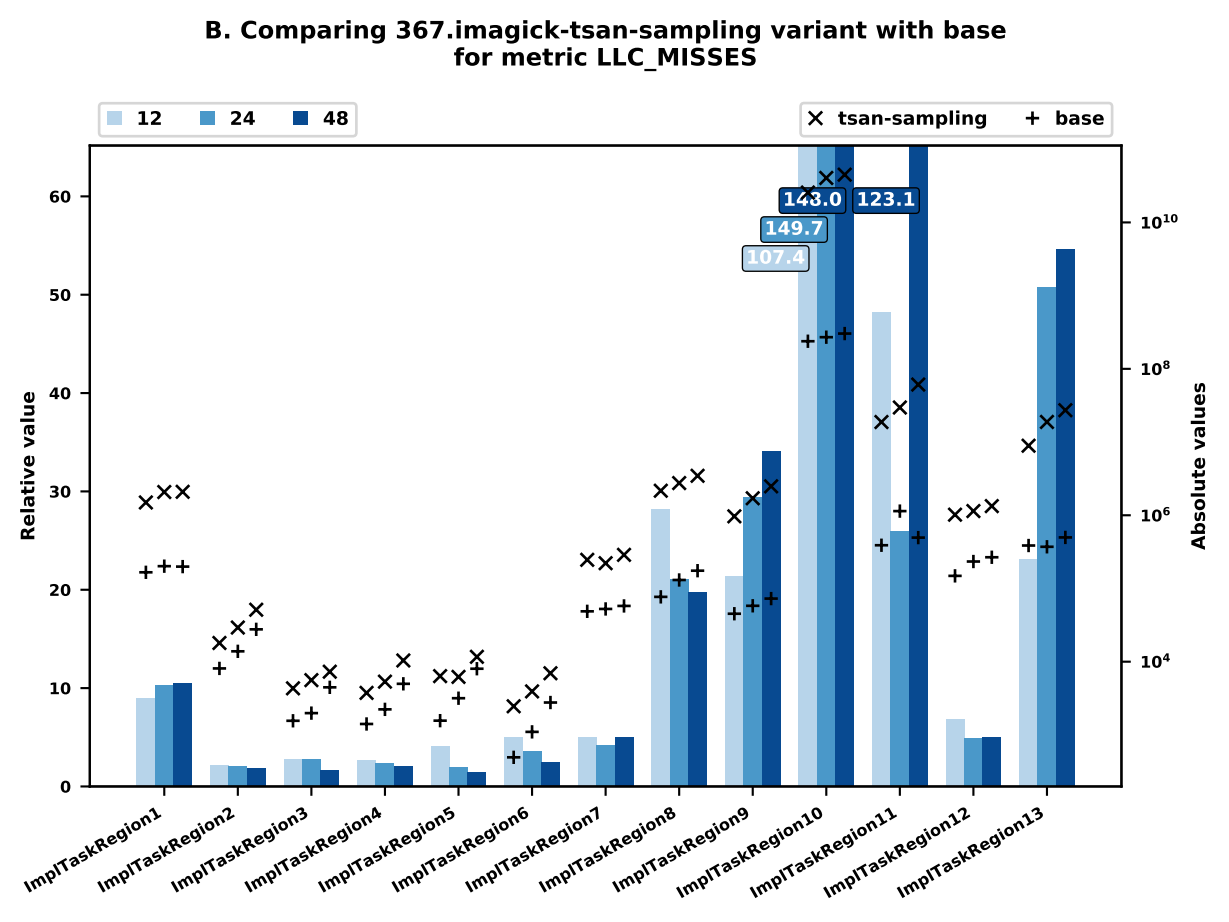

B. Comparing 367.imagick-archer-sampling variant with base
for metric LLC_REFERENCES
12
24
48
archer-sampling
base
Relative value
Absolute values
0
10
20
30
40
50
60
10^4
10^6
10^8
10^{10}
69.2
64.4
64.9
137.5
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

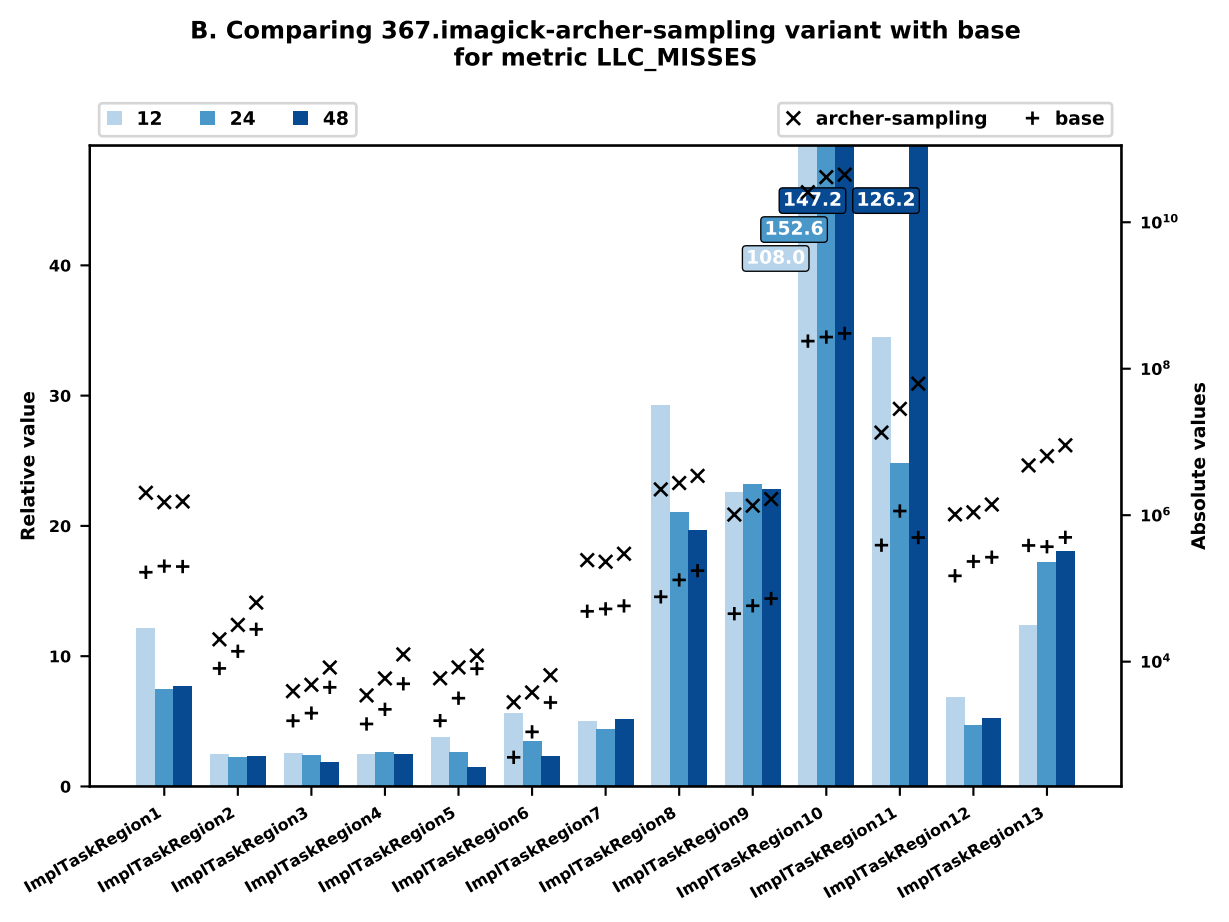

B. Comparing 367.imagick-tsan variant with base
for metric LLC_REFERENCES
12
24
48
tsan
base
Relative value
Absolute values
0
20
40
60
80
100
120
140
10^4
10^6
10^8
10^{10}
326.7
168.5
466.0
164.5
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

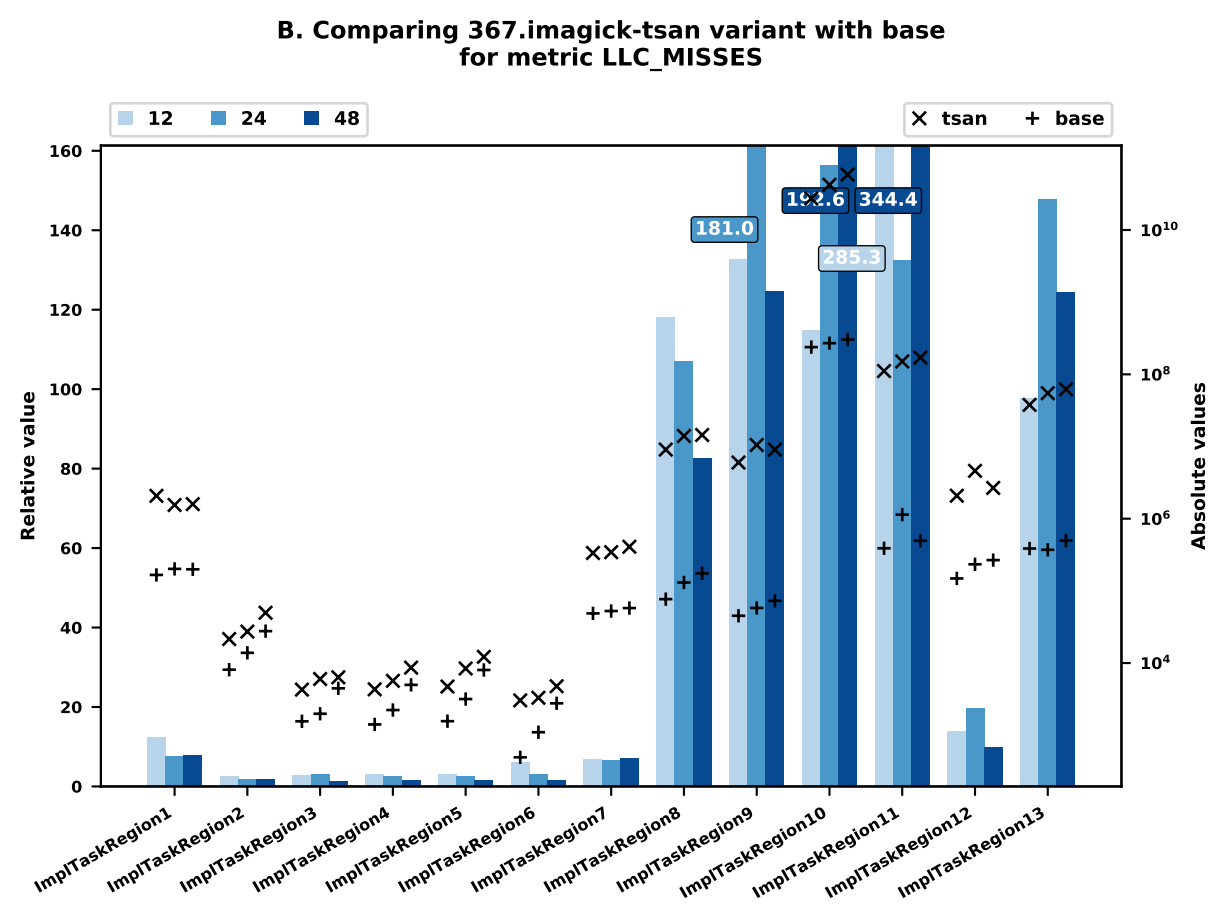

B. Comparing 367.imagick-archer variant with base
for metric LLC_REFERENCES
12
24
48
archer
base
Relative value
Absolute values
0
20
40
60
80
100
120
10^4
10^6
10^8
10^{10}
355.0
137.3
481.4
156.1
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

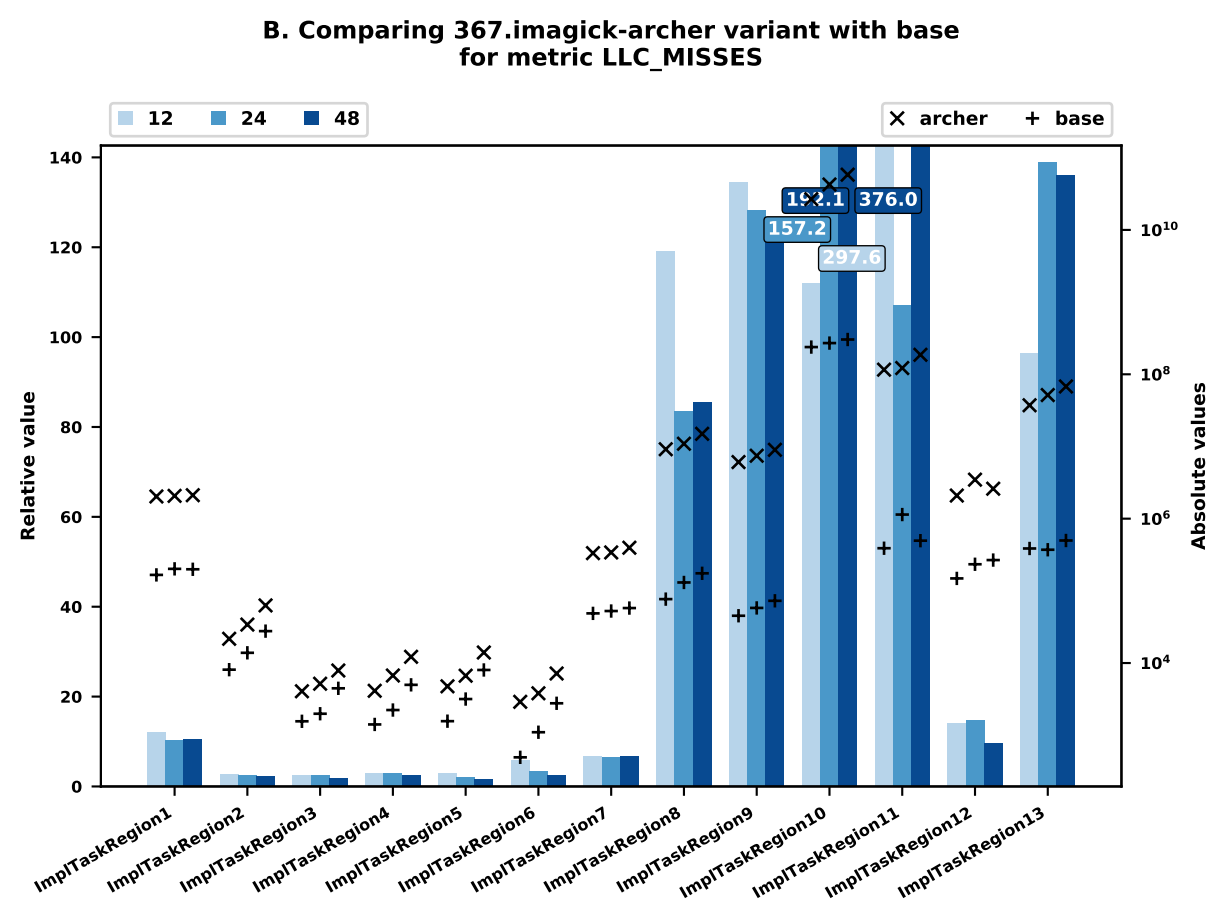

B. Comparing 367.imagick-tsan-noread variant with base
for metric LLC_MISSES
12
24
48
tsan-noread
base
Relative value
Absolute values
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
10^{3}
10^{4}
10^{5}
10^{6}
10^{7}
10^{8}
10^{9}
10^{10}
25.2
87.0
143.5
129.7
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

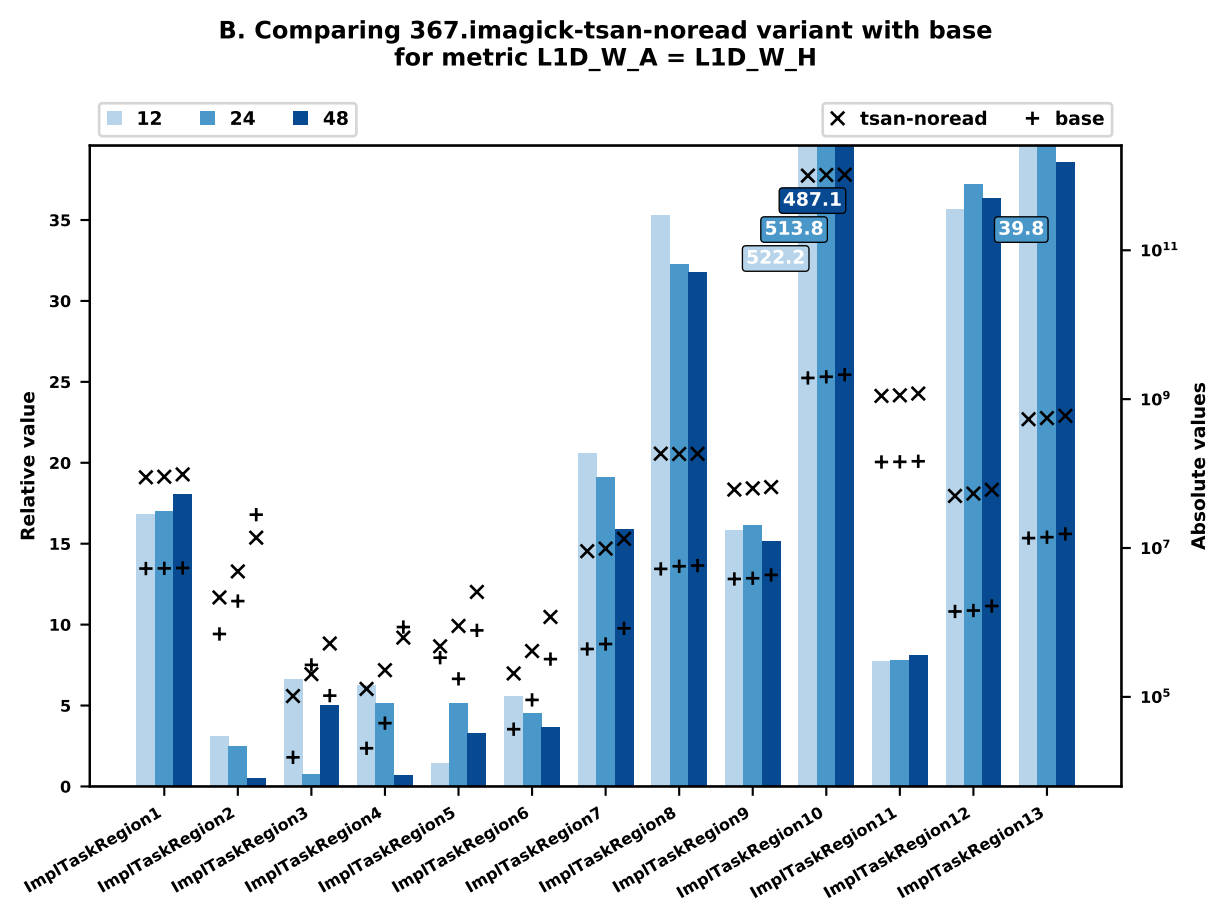

B. Comparing 367.imagick-archer-noread variant with base
for metric LLC_MISSES
12
24
48
archer-noread
base
Relative value
Absolute values
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
10^{3}
10^{4}
10^{5}
10^{6}
10^{7}
10^{8}
10^{9}
10^{10}
26.1
96.1
135.0
132.1
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

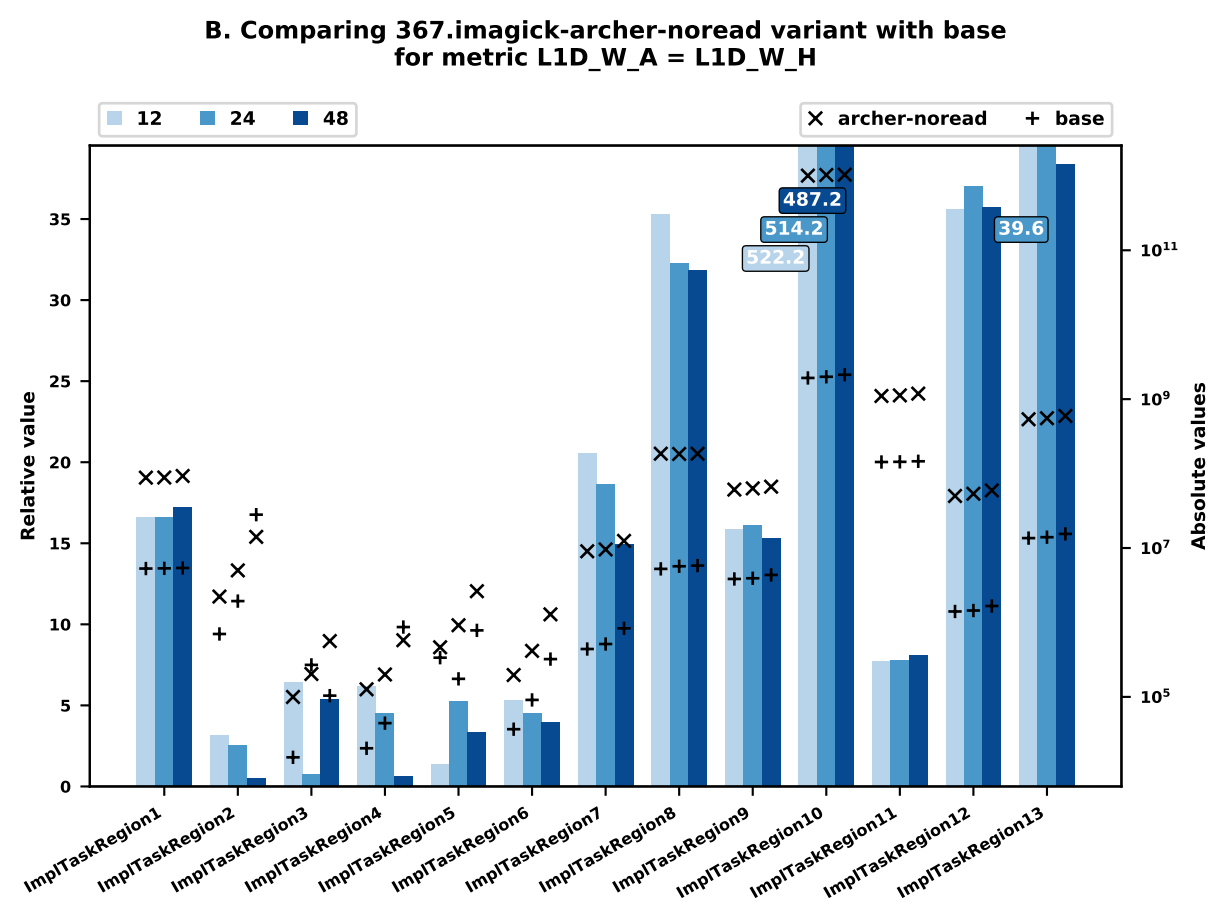

B. Comparing 367.imagick-tsan-sampling variant with base
for metric LLC_MISSES
12
24
48
tsan-sampling
base
Relative value
Absolute values
0
10
20
30
40
50
60
10^4
10^6
10^8
10^{10}
107.4
149.7
143.0
123.1
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

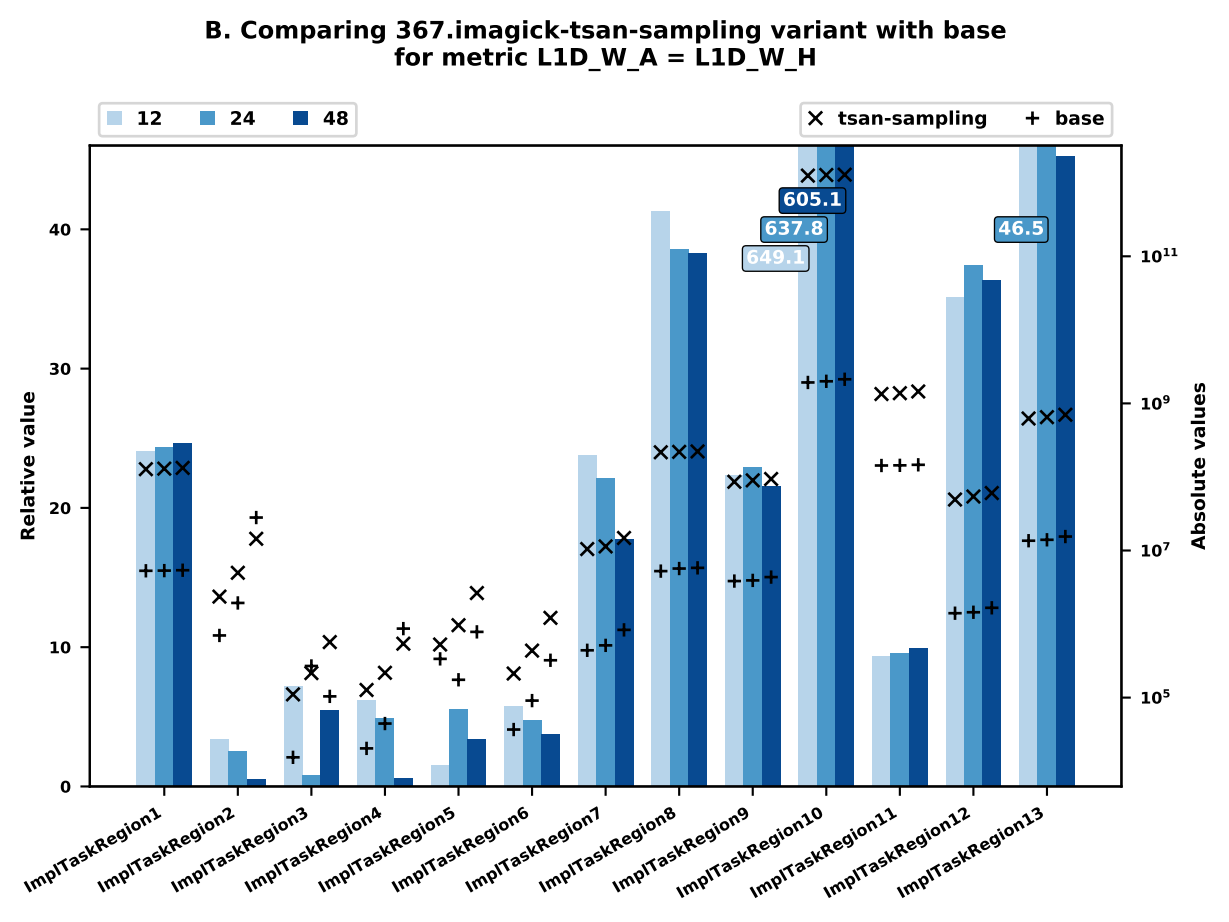

B. Comparing 367.imagick-archer-sampling variant with base
for metric LLC_MISSES
12
24
48
archer-sampling
base
147.2
126.2
152.6
108.0
Relative value
Absolute values
0
10
20
30
40
10^4
10^6
10^8
10^{10}
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

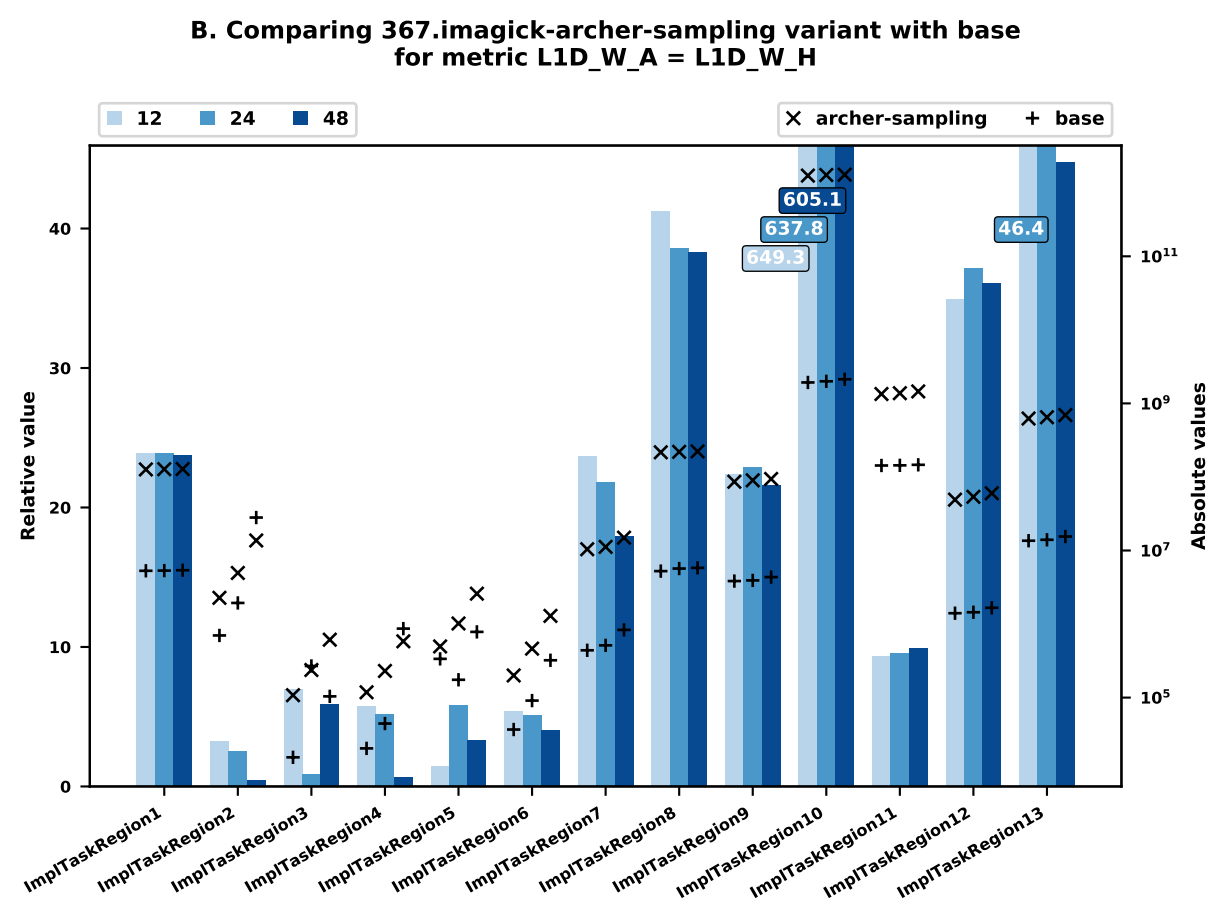

B. Comparing 367.imagick-tsan variant with base
for metric LLC_MISSES
12
24
48
tsan
base
Relative value
Absolute values
181.0
285.3
344.4
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

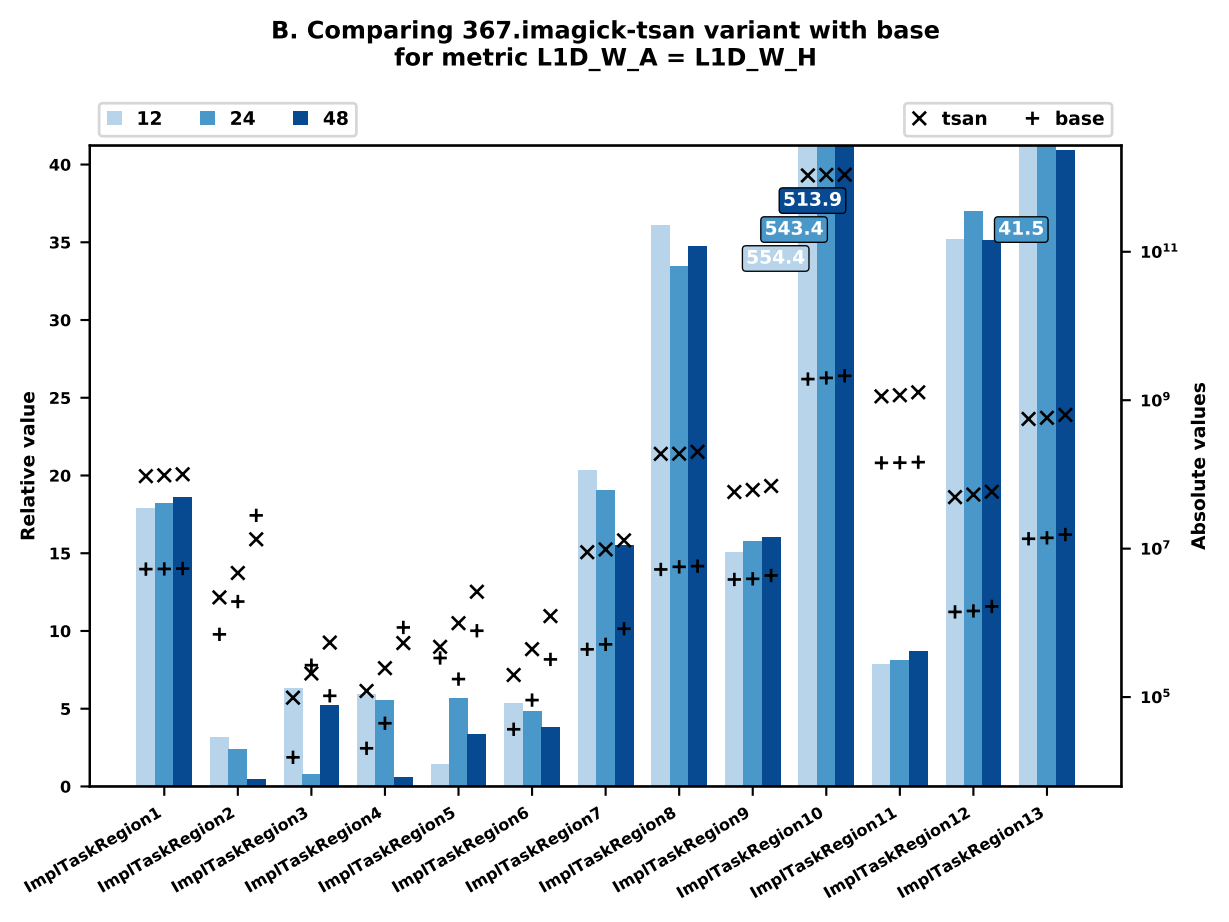

B. Comparing 367.imagick-archer variant with base
for metric LLC_MISSES
12
24
48
archer
base
Relative value
Absolute values
140
120
100
80
60
40
20
0
10^{10}
10^{8}
10^{6}
10^{4}
157.2
297.6
376.0
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

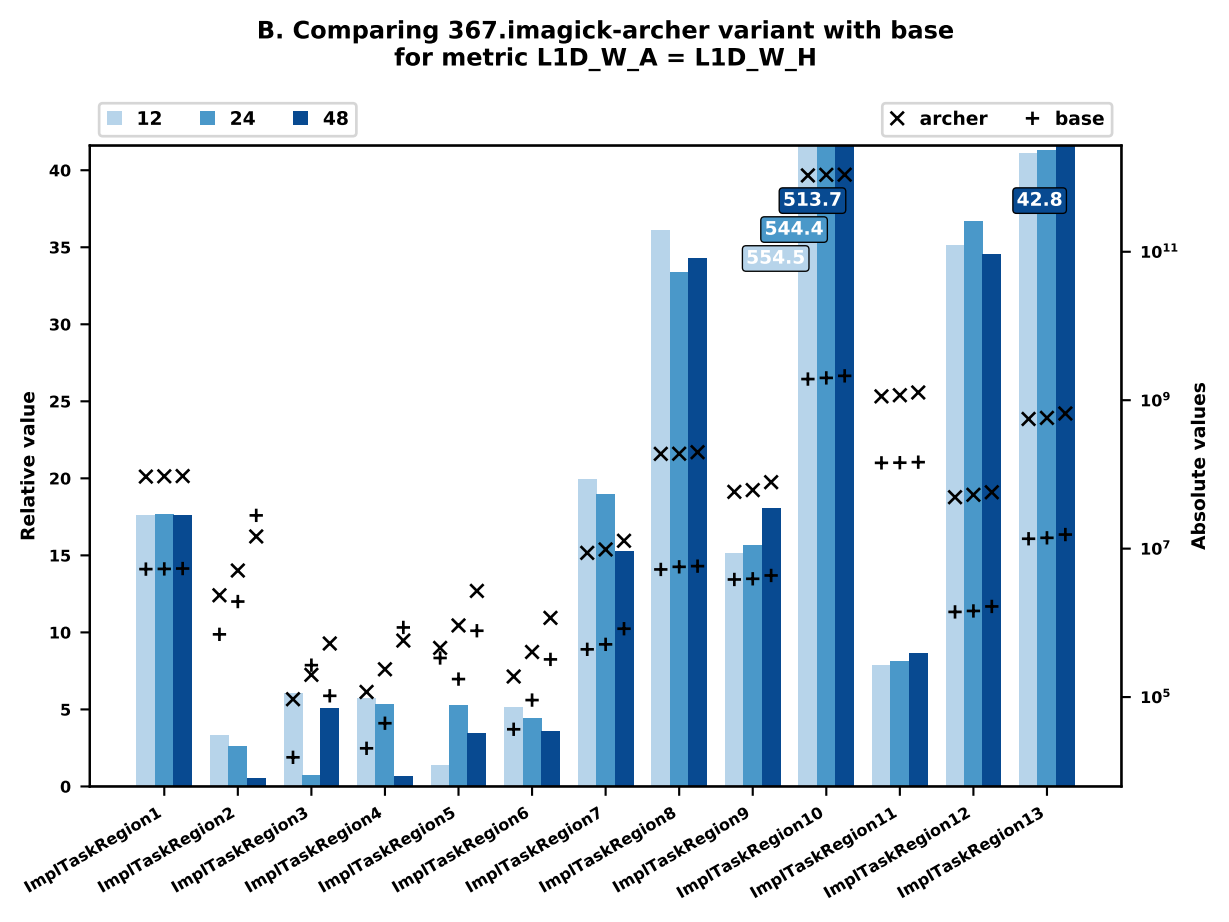

B. Comparing 367.imagick-tsan-noread variant with base
for metric L1D_W_A = L1D_W_H
12
24
48
tsan-noread
base
Relative value
Absolute values
0
5
10
15
20
25
30
35
10^5
10^7
10^9
10^{11}
522.2
513.8
487.1
39.8
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

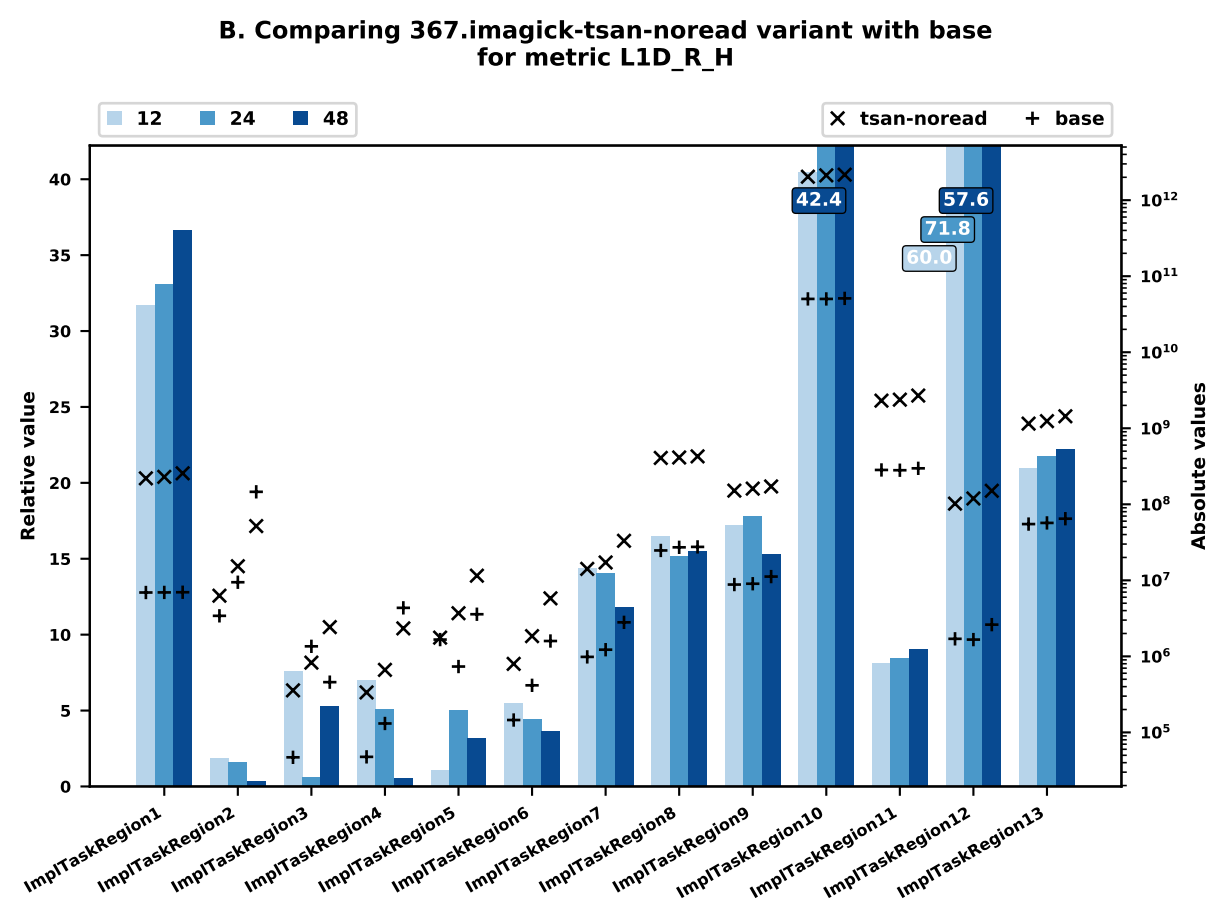

B. Comparing 367.imagick-archer-noread variant with base
for metric L1D_W_A = L1D_W_H
12
24
48
archer-noread
base
Relative value
Absolute values
0
5
10
15
20
25
30
35
10^5
10^7
10^9
10^{11}
522.2
514.2
487.2
39.6
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

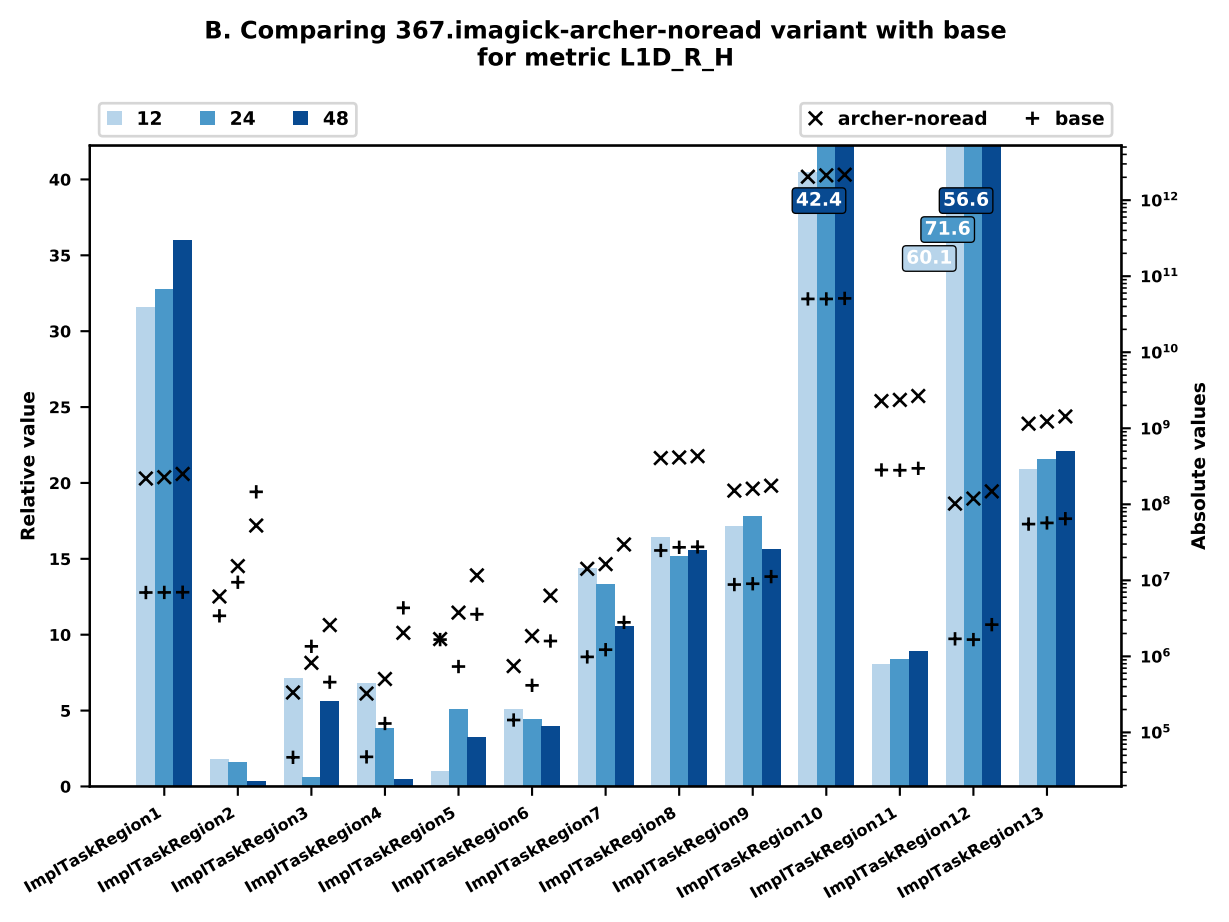

B. Comparing 367.imagick-tsan-sampling variant with base
for metric L1D_W_A = L1D_W_H
12
24
48
tsan-sampling
base
Relative value
Absolute values
0
10
20
30
40
10^5
10^7
10^9
10^{11}
605.1
637.8
649.1
46.5
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

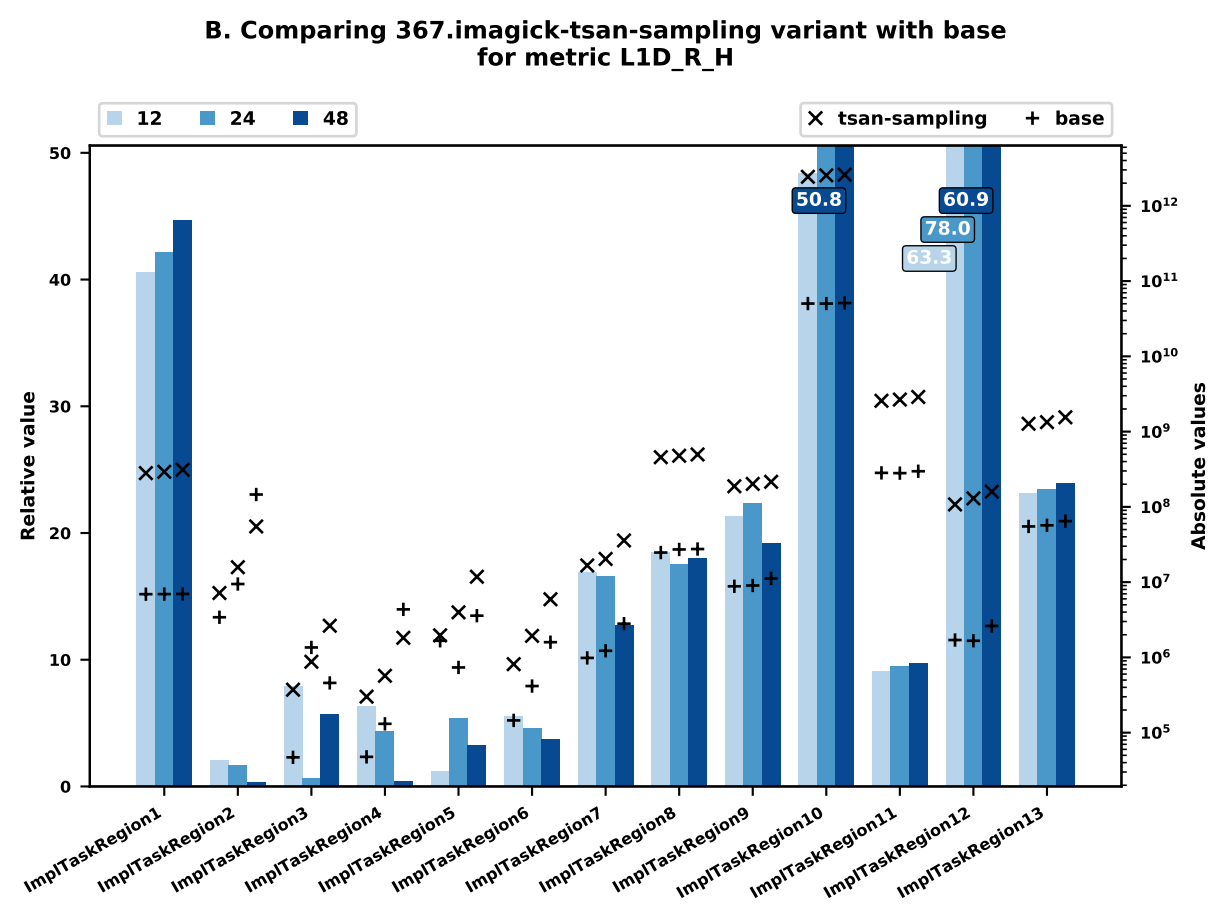

B. Comparing 367.imagick-archer-sampling variant with base
for metric L1D_W_A = L1D_W_H
12
24
48
archer-sampling
base
Relative value
Absolute values
0
10
20
30
40
10^5
10^7
10^9
10^{11}
605.1
637.8
649.3
46.4
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

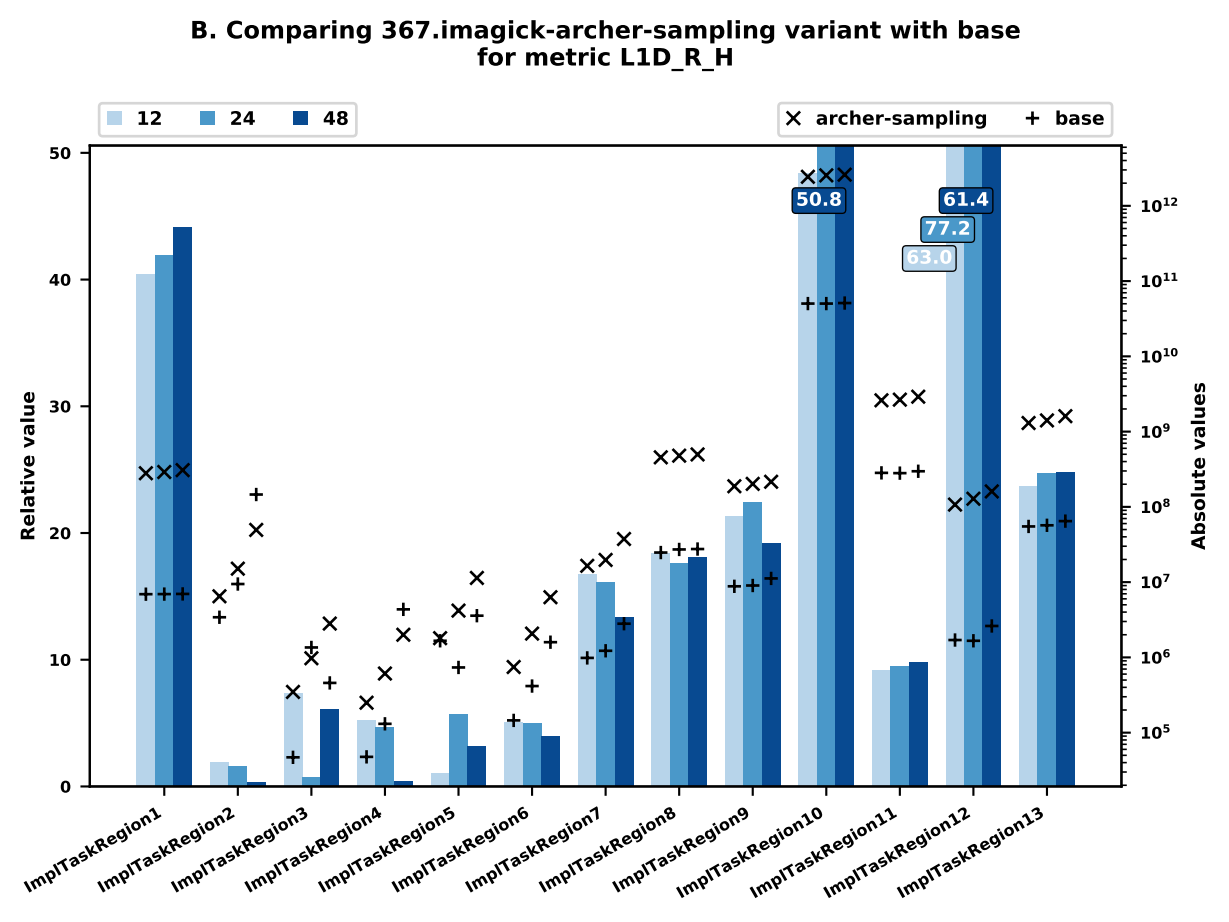

B. Comparing 367.imagick-tsan variant with base
for metric L1D_W_A = L1D_W_H
12
24
48
tsan
base
Relative value
Absolute values
0
5
10
15
20
25
30
35
40
10^5
10^7
10^9
10^{11}
554.4
543.4
513.9
41.5
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

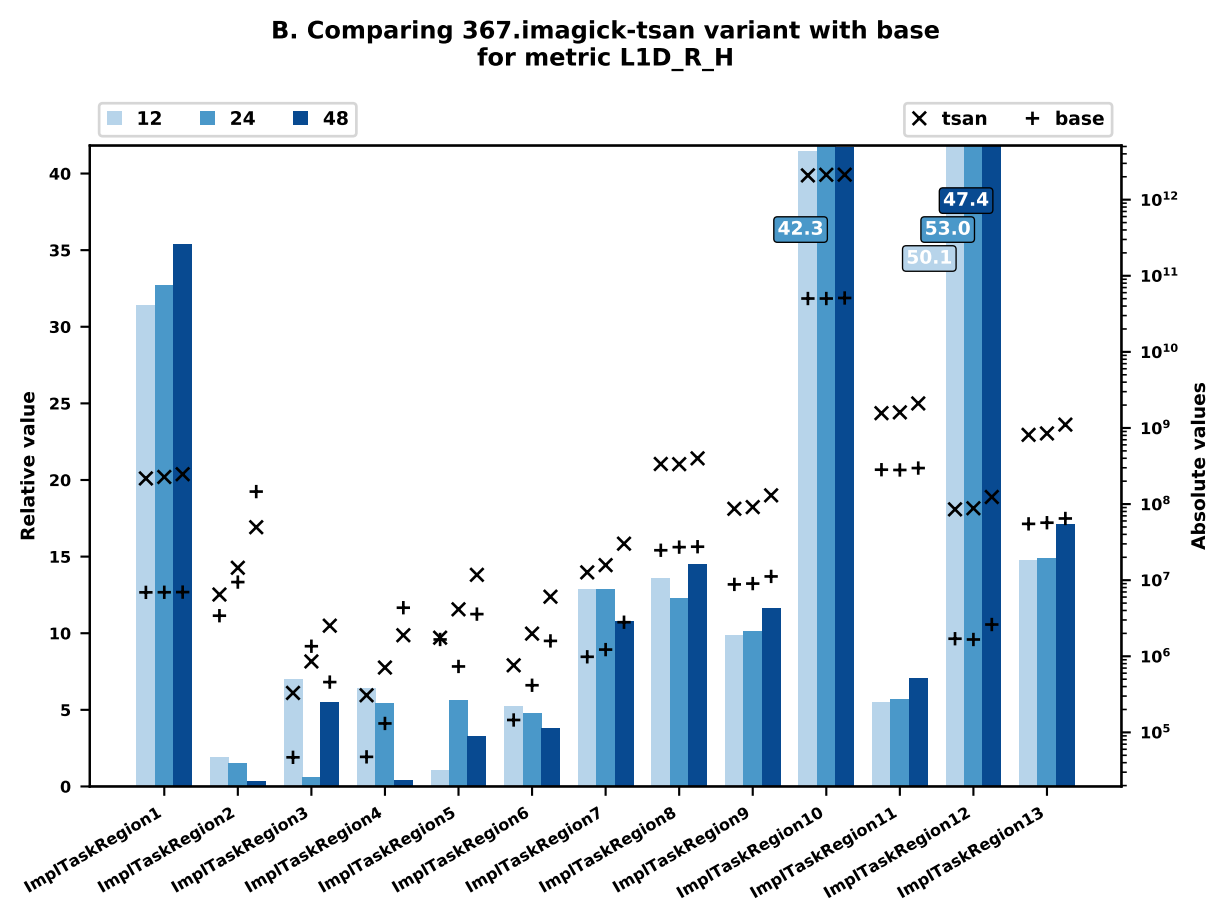

B. Comparing 367.imagick-archer variant with base
for metric L1D_W_A = L1D_W_H
12
24
48
archer
base
Relative value
Absolute values
513.7
544.4
554.5
42.8
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

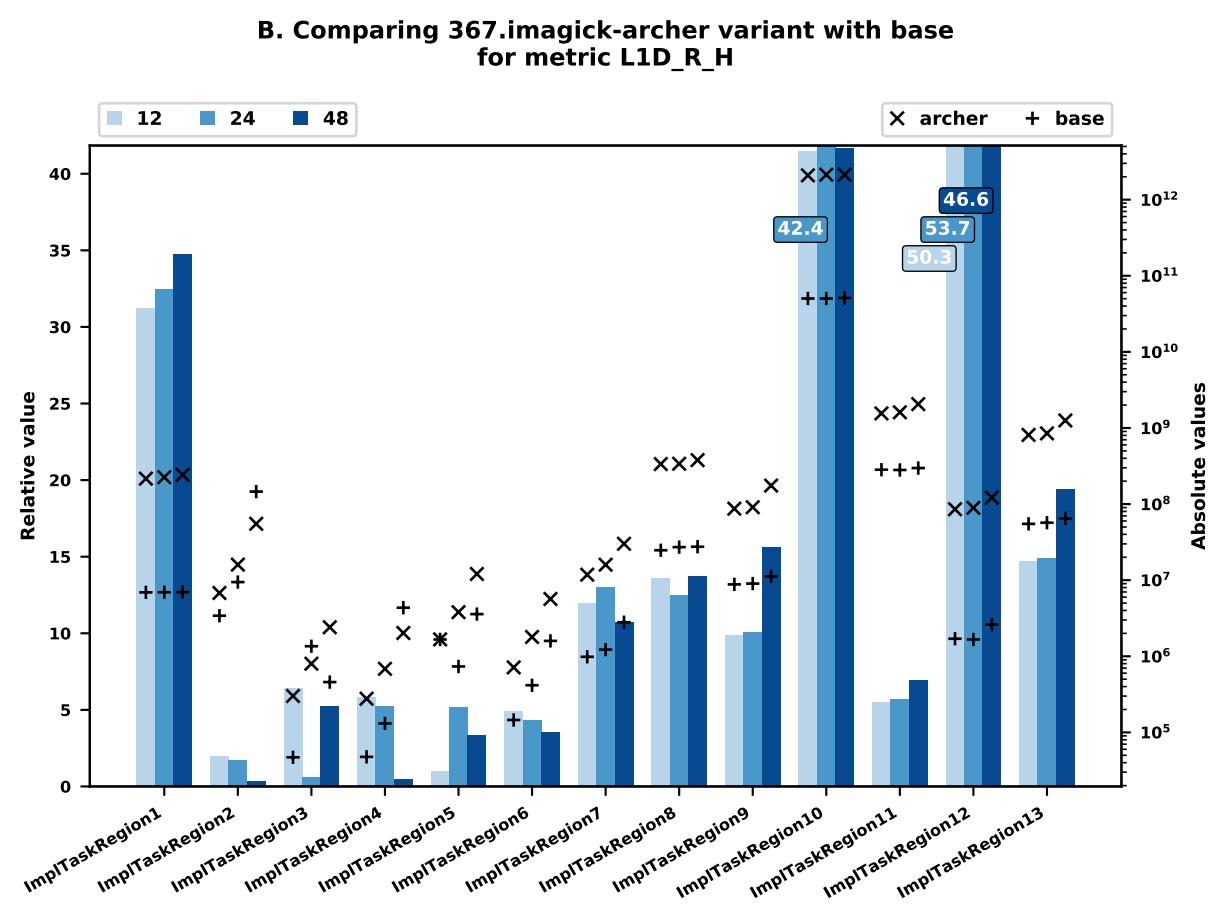

B. Comparing 367.imagick-tsan-noread variant with base
for metric L1D_R_H
12
24
48
tsan-noread
base
Relative value
Absolute values
42.4
57.6
71.8
60.0
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

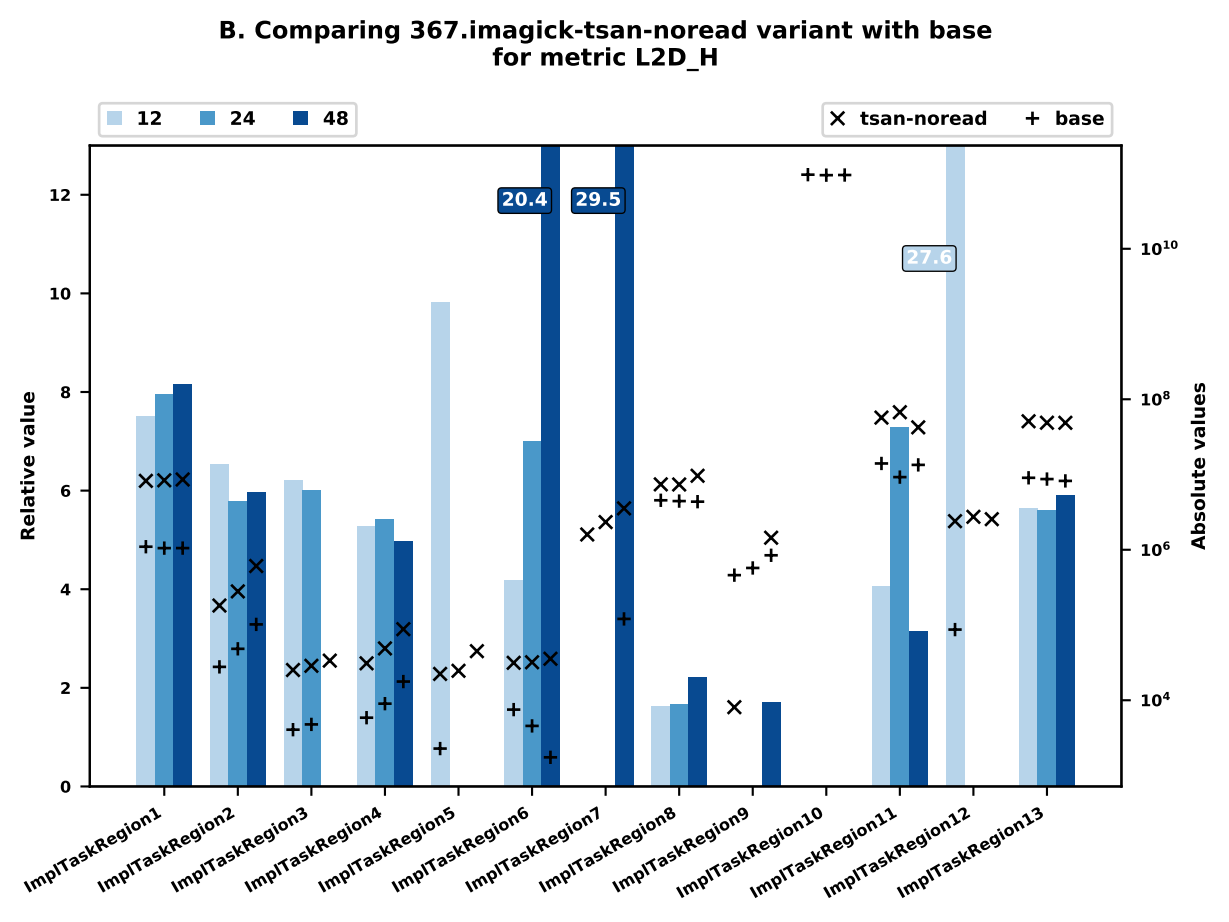

B. Comparing 367.imagick-archer-noread variant with base
for metric L1D_R_H
12
24
48
archer-noread
base
Relative value
Absolute values
42.4
56.6
71.6
60.1
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

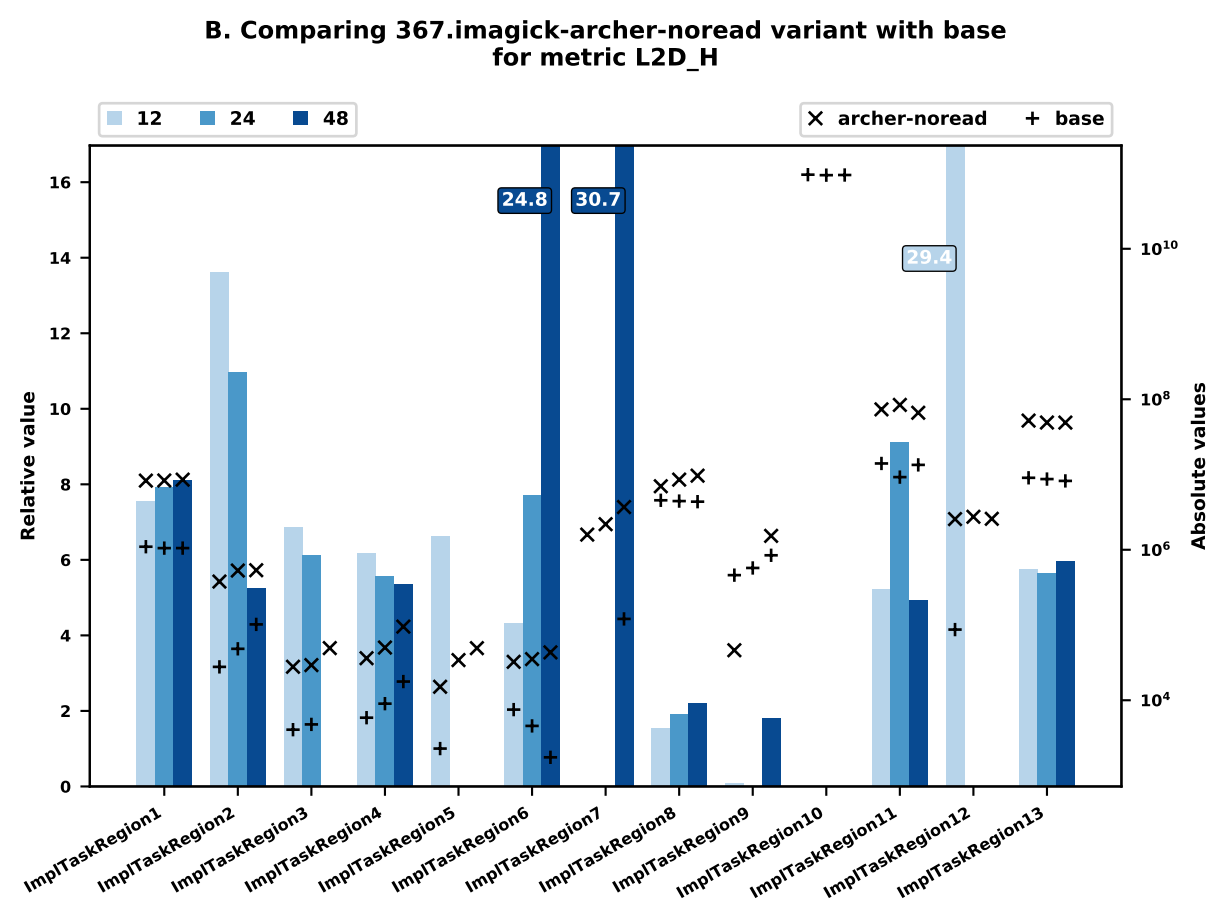

B. Comparing 367.imagick-tsan-sampling variant with base
for metric L1D_R_H
12
24
48
tsan-sampling
base
Relative value
Absolute values
50.8
60.9
78.0
63.3
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

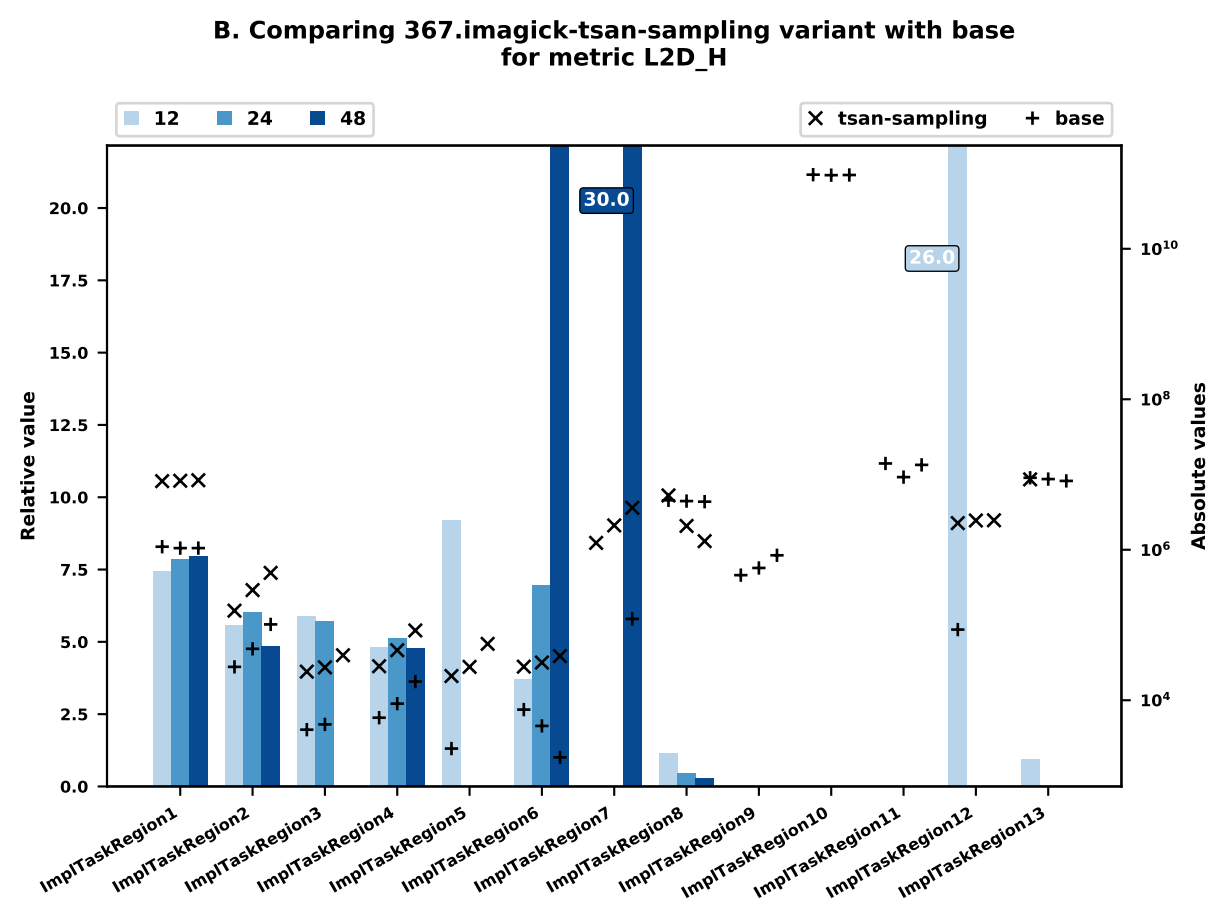

B. Comparing 367.imagick-archer-sampling variant with base
for metric L1D_R_H
12
24
48
archer-sampling
base
Relative value
Absolute values
50.8
61.4
77.2
63.0
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

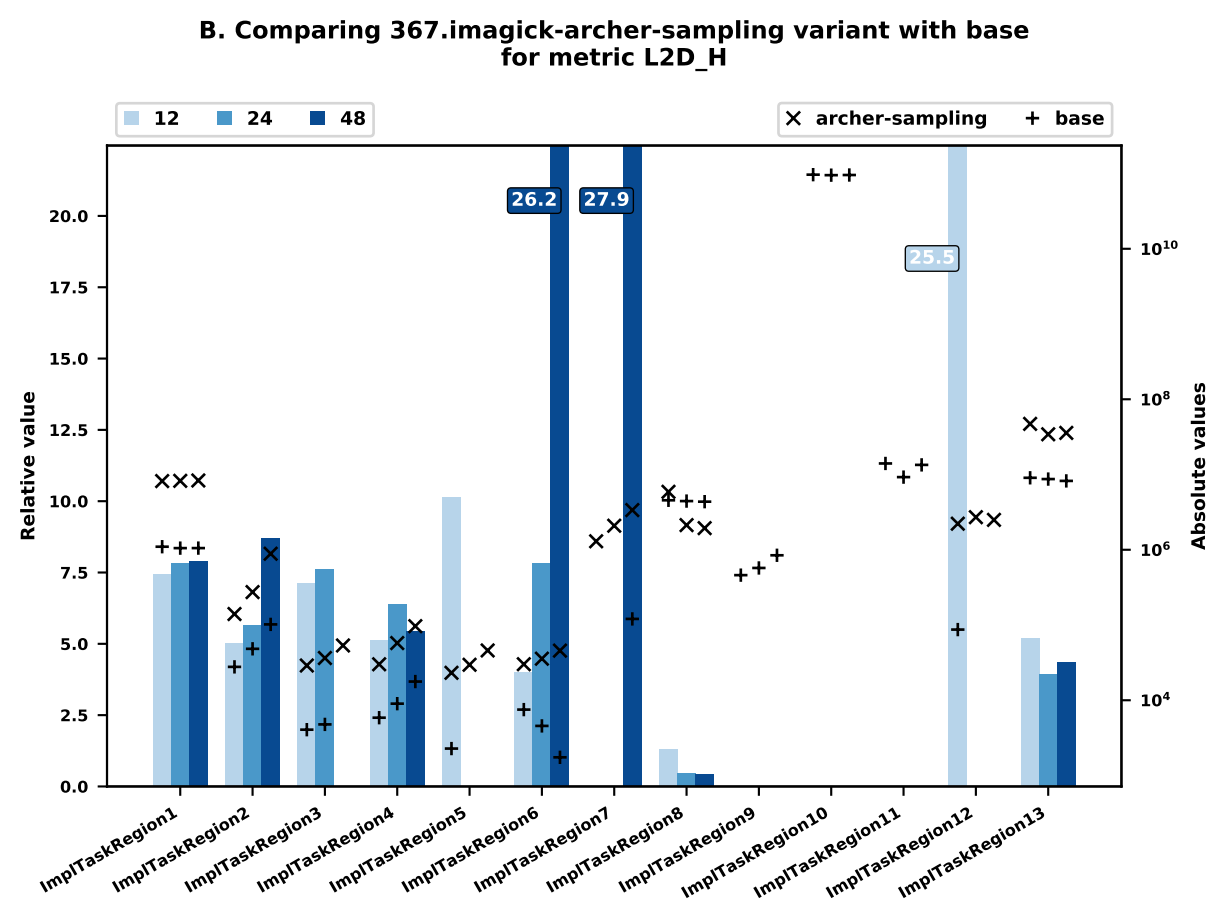

B. Comparing 367.imagick-tsan variant with base
for metric L1D_R_H
12
24
48
tsan
base
Relative value
Absolute values
42.3
50.1
53.0
47.4
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

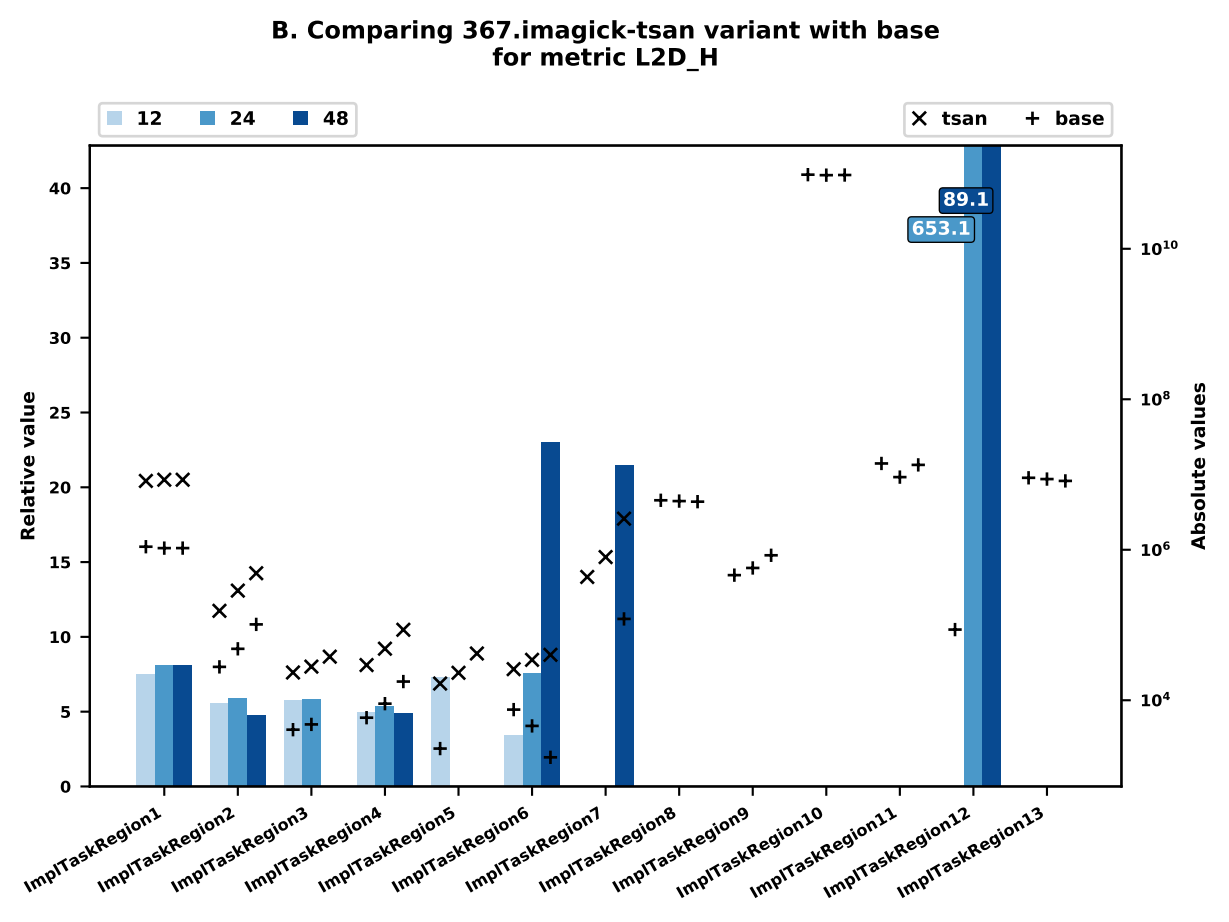

B. Comparing 367.imagick-archer variant with base
for metric L1D_R_H
12
24
48
archer
base
Relative value
Absolute values
42.4
50.3
53.7
46.6
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

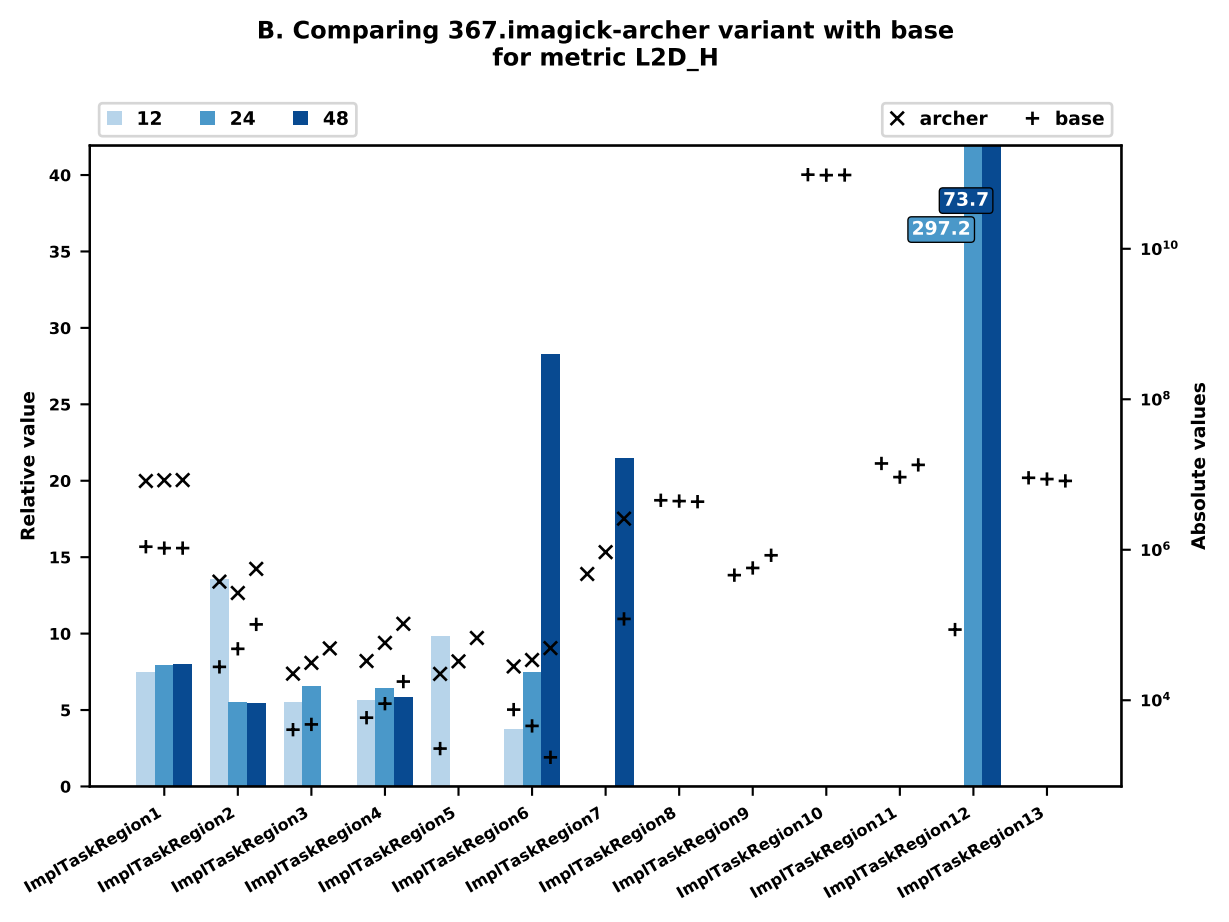

B. Comparing 367.imagick-tsan-noread variant with base
for metric L2D_H
12
24
48
tsan-noread
base
20.4
29.5
27.6
Relative value
Absolute values
0
2
4
6
8
10
12
10^4
10^6
10^8
10^{10}
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

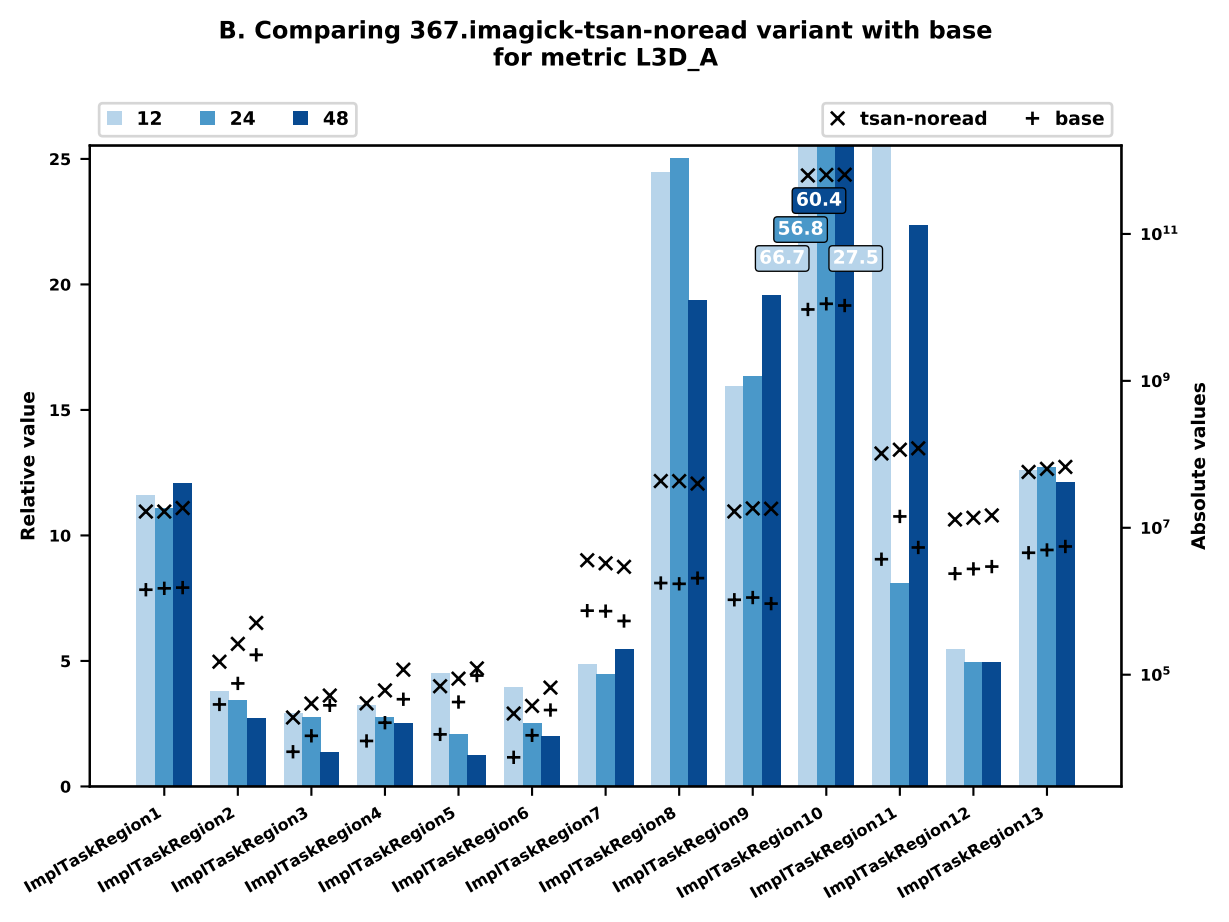

B. Comparing 367.imagick-archer-noread variant with base
for metric L2D_H
12
24
48
archer-noread
base
Relative value
Absolute values
24.8
30.7
29.4
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

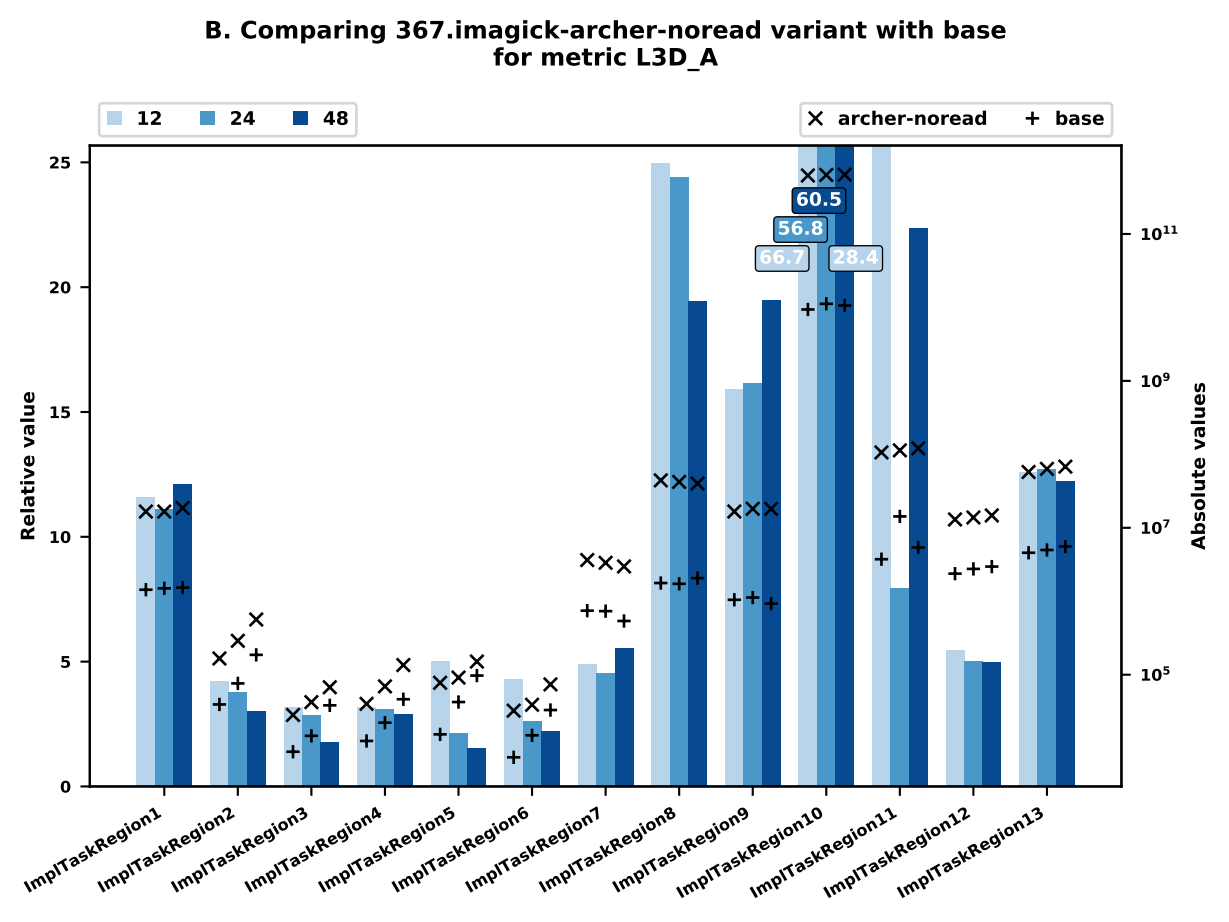

B. Comparing 367.imagick-tsan-sampling variant with base
for metric L2D_H
12
24
48
tsan-sampling
base
Relative value
Absolute values
30.0
26.0
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
10^4
10^6
10^8
10^{10}
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

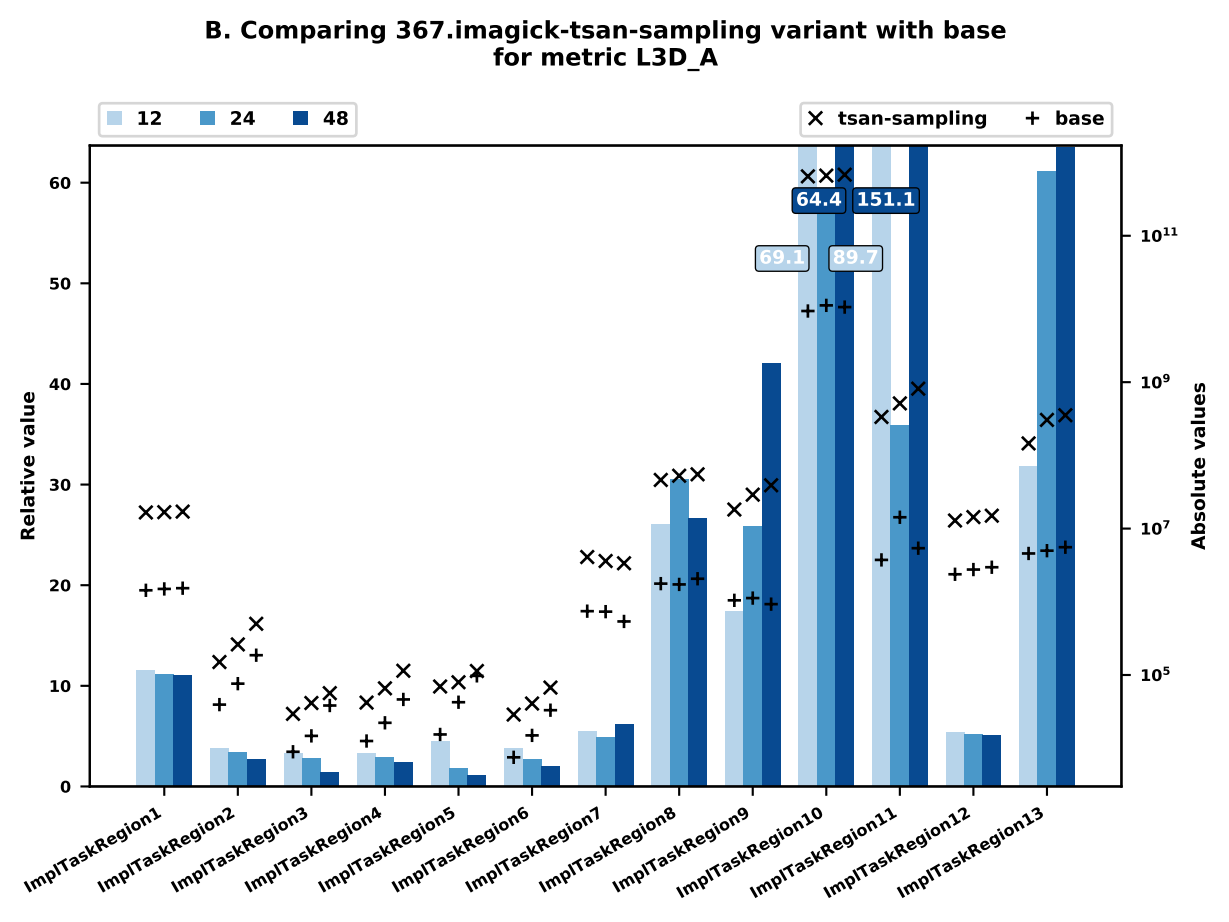

B. Comparing 367.imagick-archer-sampling variant with base
for metric L2D_H
12
24
48
archer-sampling
base
Relative value
Absolute values
26.2
27.9
25.5
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
10^4
10^6
10^8
10^{10}
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

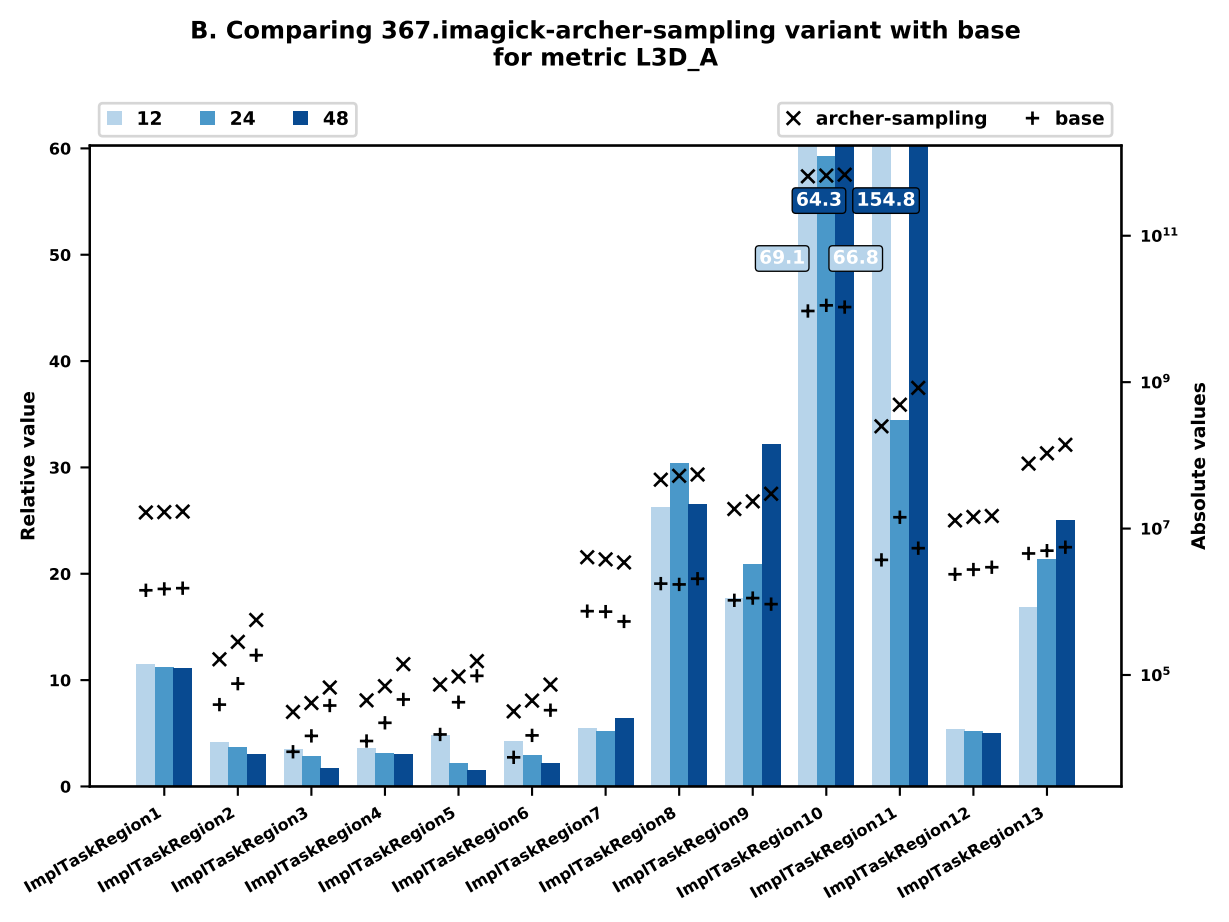

B. Comparing 367.imagick-tsan variant with base
for metric L2D_H
12
24
48
tsan
base
89.1
653.1
Relative value
Absolute values
0
5
10
15
20
25
30
35
40
10^4
10^6
10^8
10^{10}
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

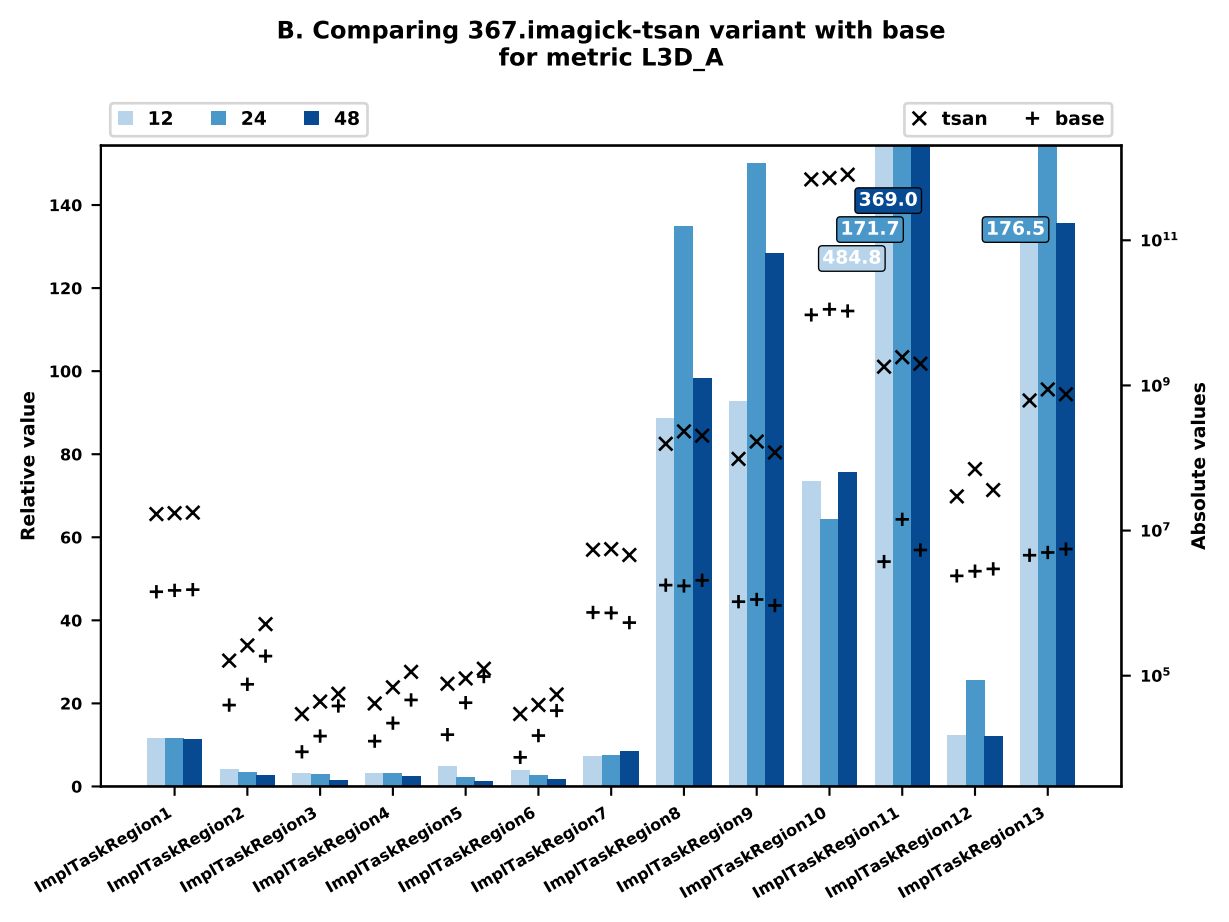

B. Comparing 367.imagick-archer variant with base
for metric L2D_H
12
24
48
archer
base
73.7
297.2
Relative value
Absolute values
0
5
10
15
20
25
30
35
40
10^4
10^6
10^8
10^{10}
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

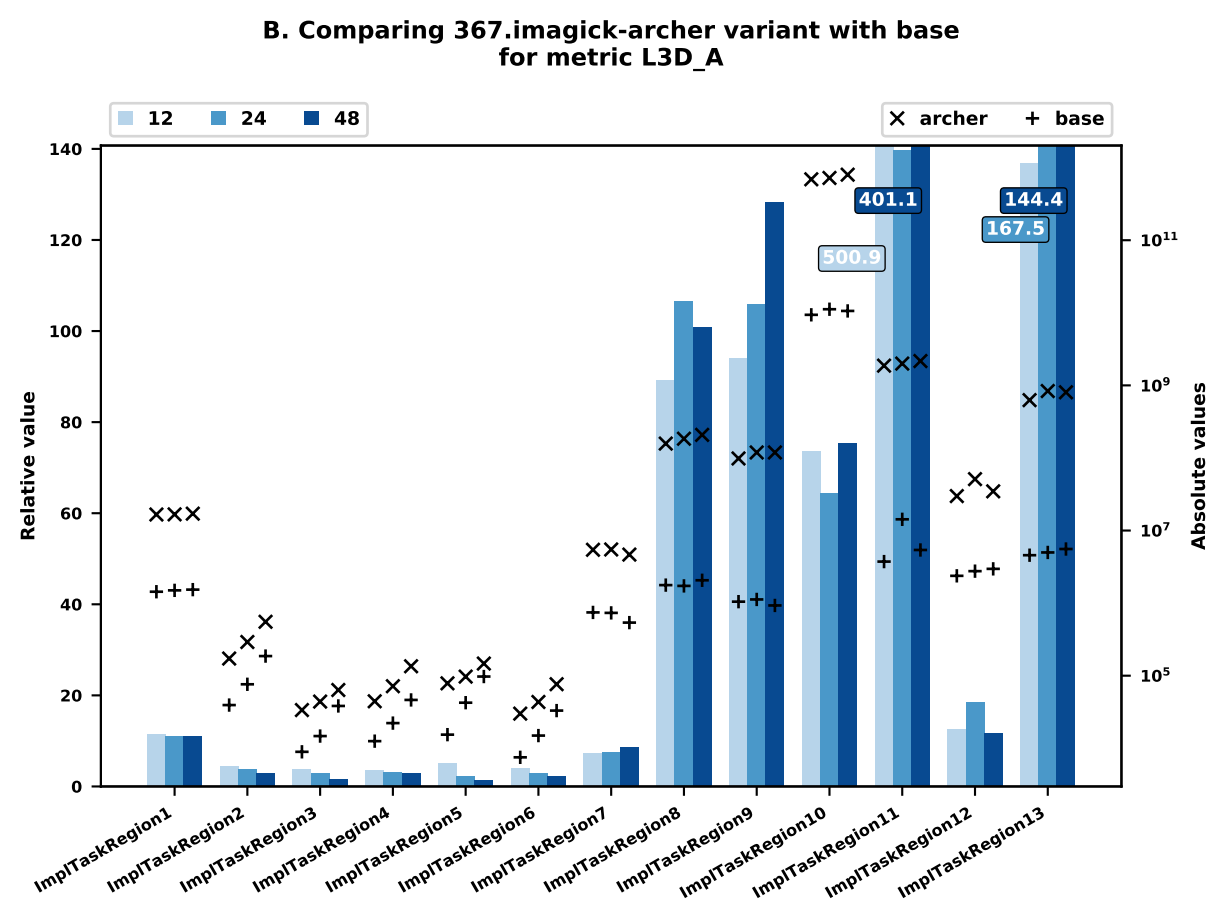

B. Comparing 367.imagick-tsan-noread variant with base
for metric L3D_A
12
24
48
tsan-noread
base
Relative value
Absolute values
0
5
10
15
20
25
10^5
10^7
10^9
10^{11}
66.7
56.8
60.4
27.5
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

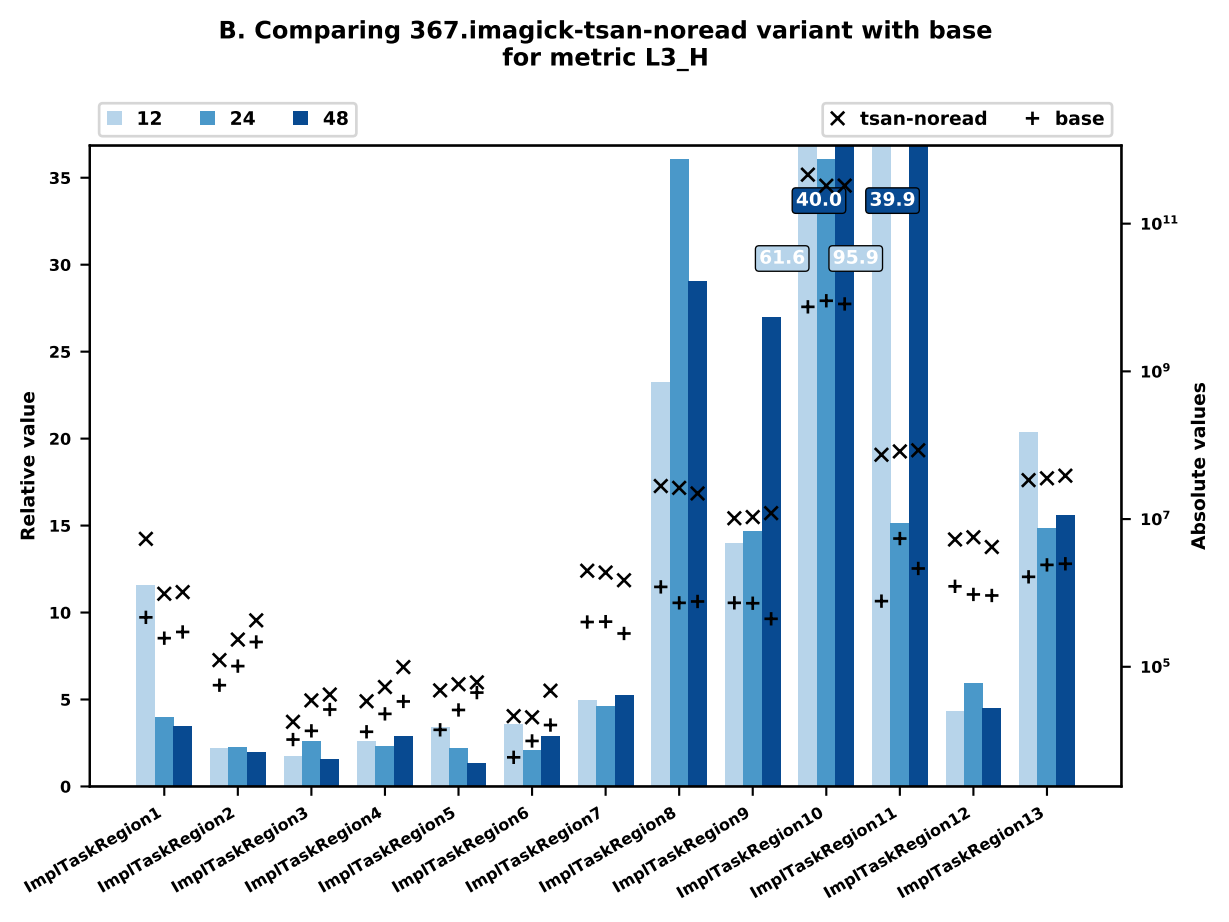

B. Comparing 367.imagick-archer-noread variant with base
for metric L3D_A
12
24
48
archer-noread
base
Relative value
Absolute values
0
5
10
15
20
25
10^5
10^7
10^9
10^{11}
66.7
56.8
60.5
28.4
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

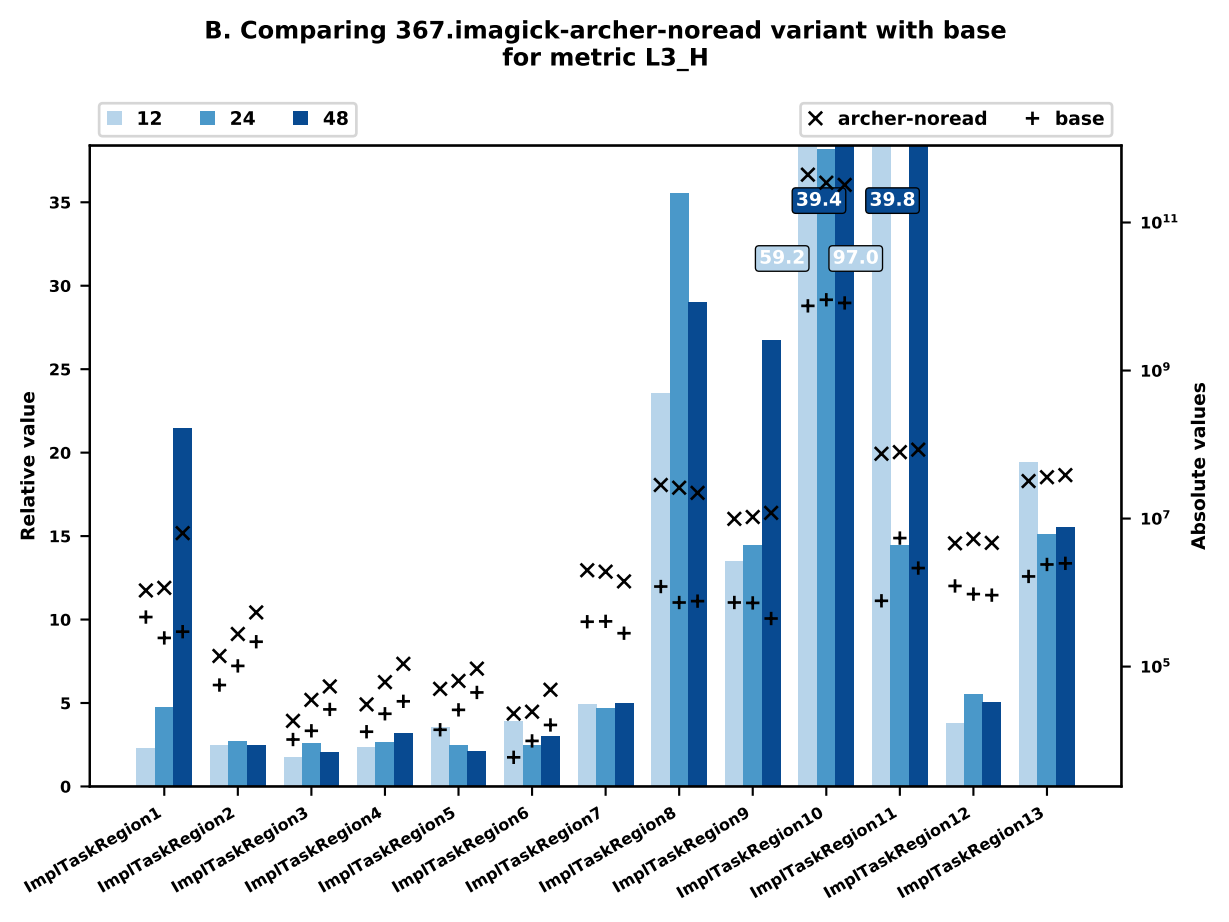

B. Comparing 367.imagick-tsan-sampling variant with base
for metric L3D_A
12
24
48
tsan-sampling
base
64.4
151.1
69.1
89.7
Relative value
Absolute values
0
10
20
30
40
50
60
10^5
10^7
10^9
10^{11}
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

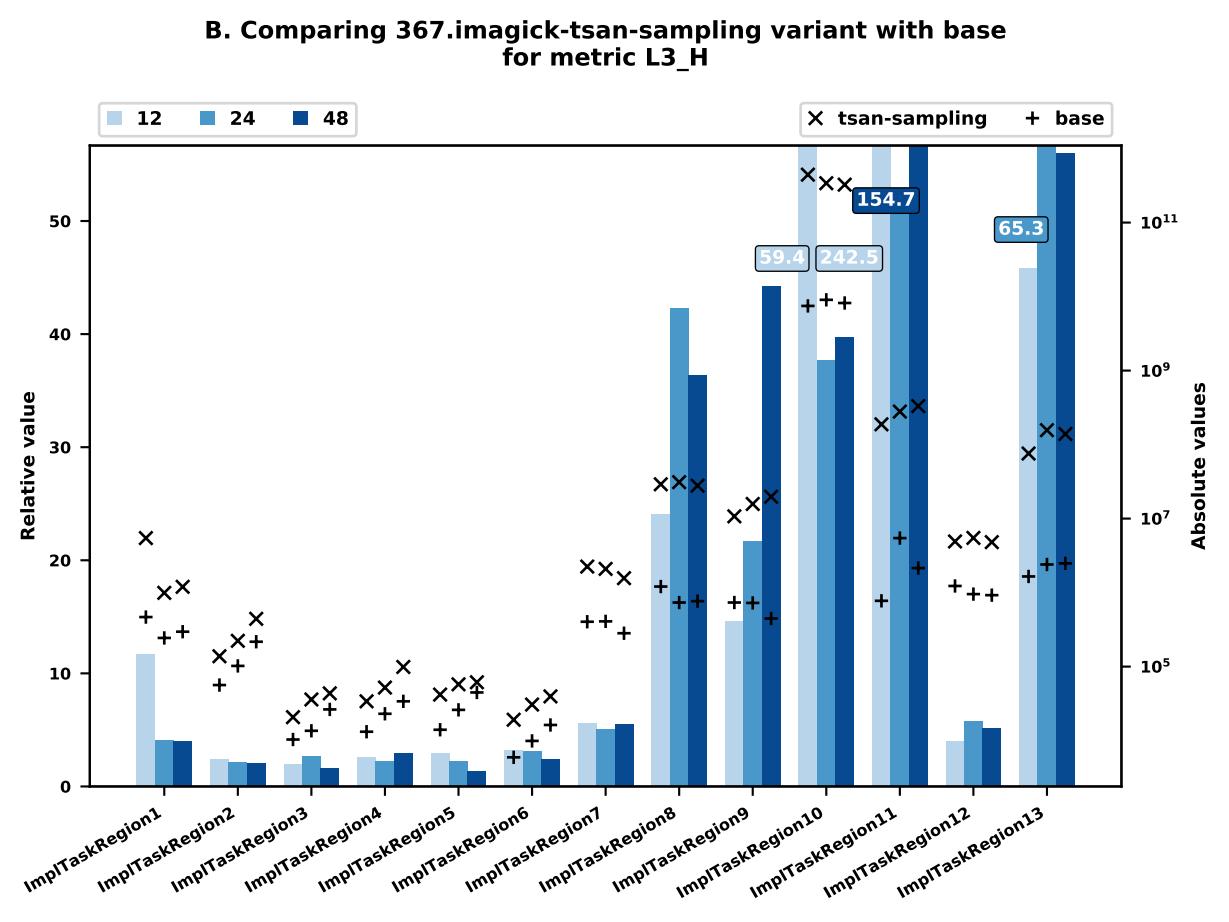

B. Comparing 367.imagick-archer-sampling variant with base
for metric L3D_A
12
24
48
archer-sampling
base
Relative value
Absolute values
64.3
154.8
69.1
66.8
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

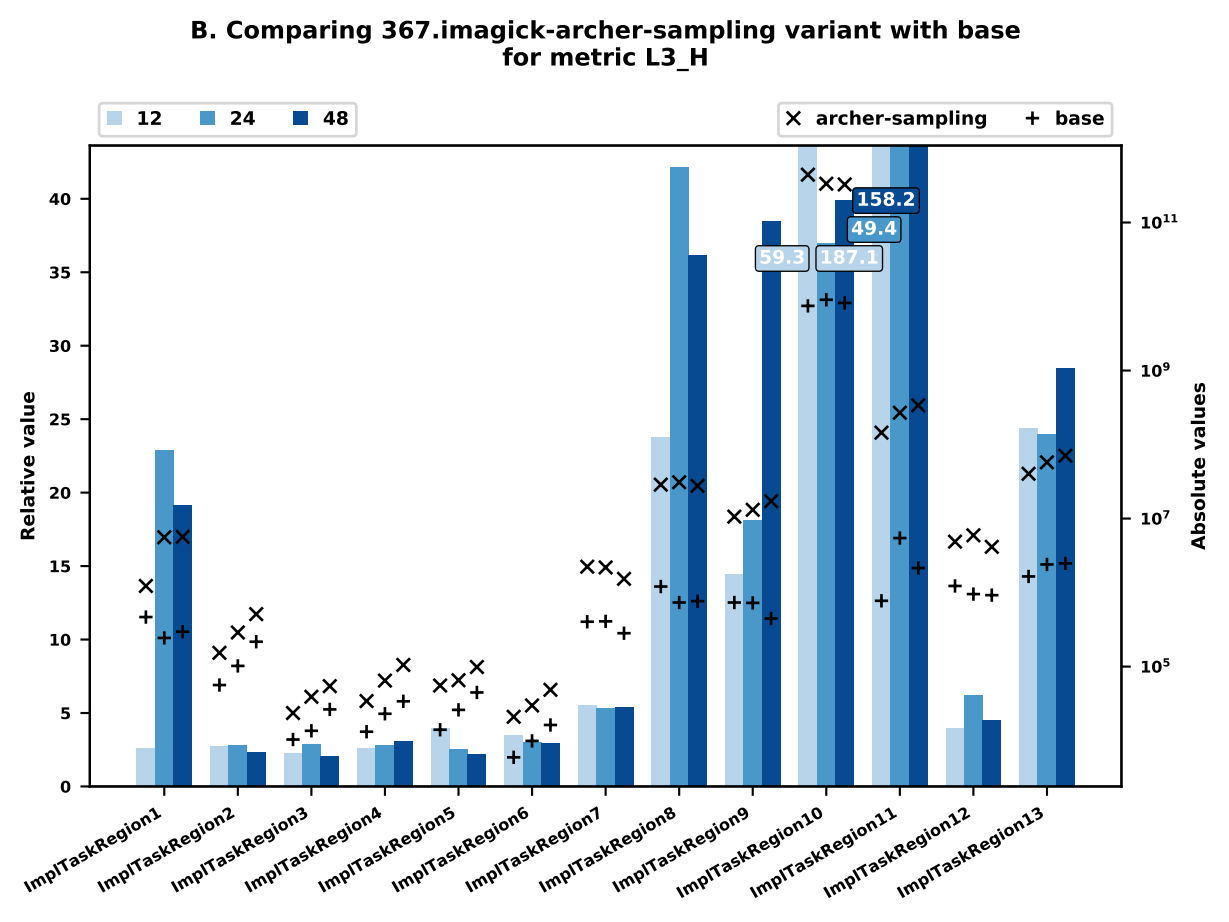

B. Comparing 367.imagick-tsan variant with base
for metric L3D_A
12
24
48
tsan
base
Relative value
Absolute values
0
20
40
60
80
100
120
140
10^5
10^7
10^9
10^{11}
484.8
171.7
369.0
176.5
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

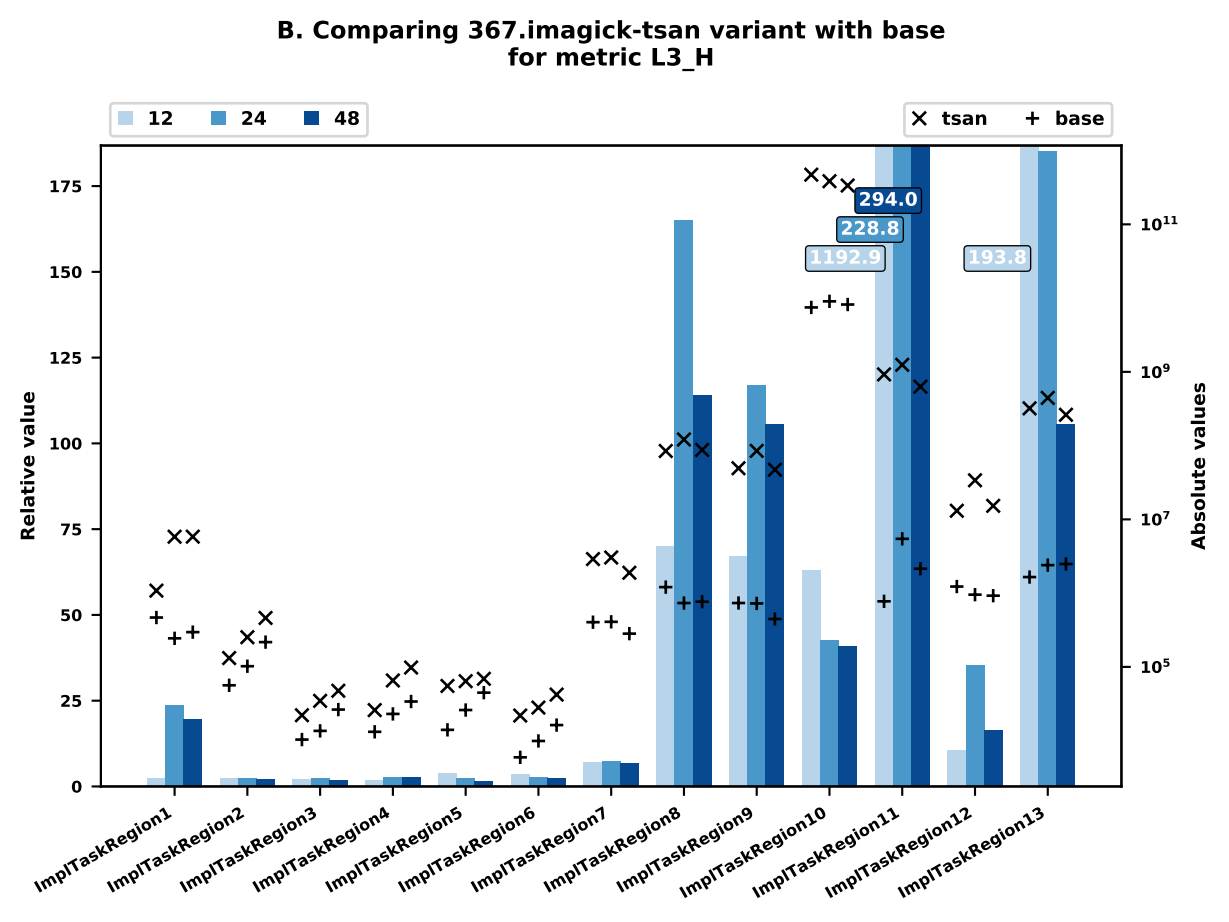

B. Comparing 367.imagick-archer variant with base
for metric L3D_A
12
24
48
archer
base
Relative value
Absolute values
0
20
40
60
80
100
120
140
10^5
10^7
10^9
10^{11}
401.1
144.4
167.5
500.9
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

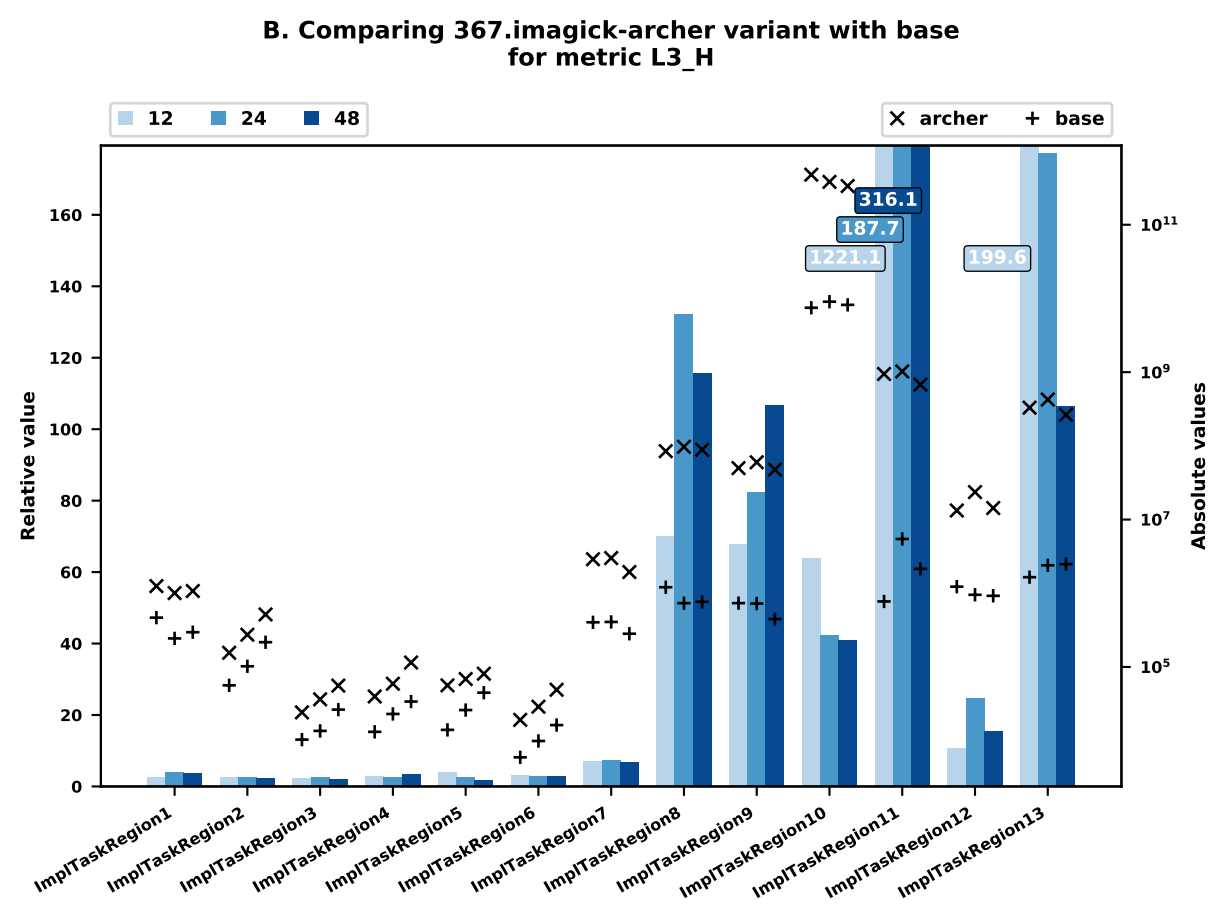

B. Comparing 367.imagick-tsan-noread variant with base
for metric L3_H
12
24
48
tsan-noread
base
Relative value
Absolute values
0
5
10
15
20
25
30
35
10^5
10^7
10^9
10^{11}
61.6
95.9
40.0
39.9
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

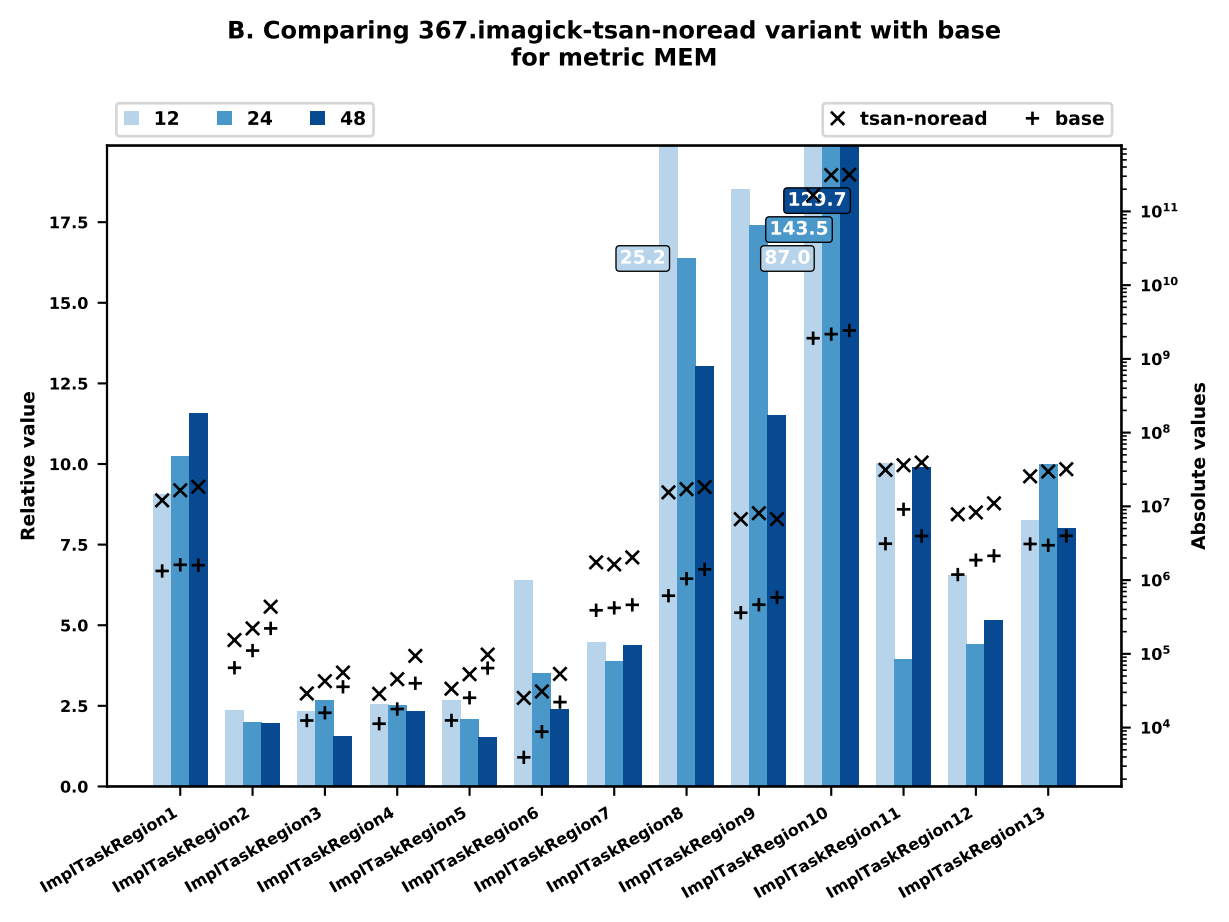

B. Comparing 367.imagick-archer-noread variant with base
for metric L3_H
12
24
48
archer-noread
base
Relative value
Absolute values
0
5
10
15
20
25
30
35
10^5
10^7
10^9
10^{11}
59.2
39.4
97.0
39.8
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

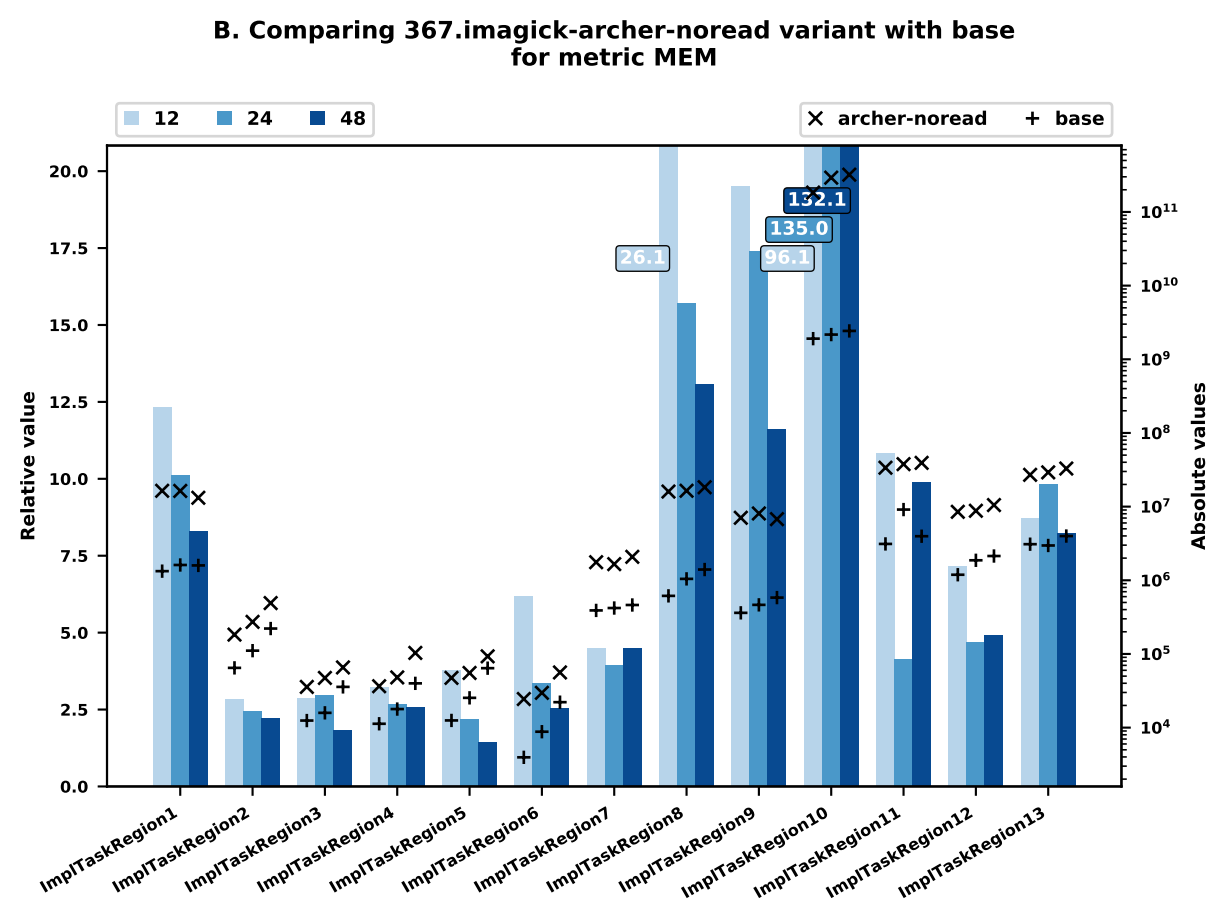

B. Comparing 367.imagick-tsan-sampling variant with base
for metric L3_H
12
24
48
tsan-sampling
base
Relative value
Absolute values
0
10
20
30
40
50
10^5
10^7
10^9
10^{11}
59.4
242.5
154.7
65.3
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

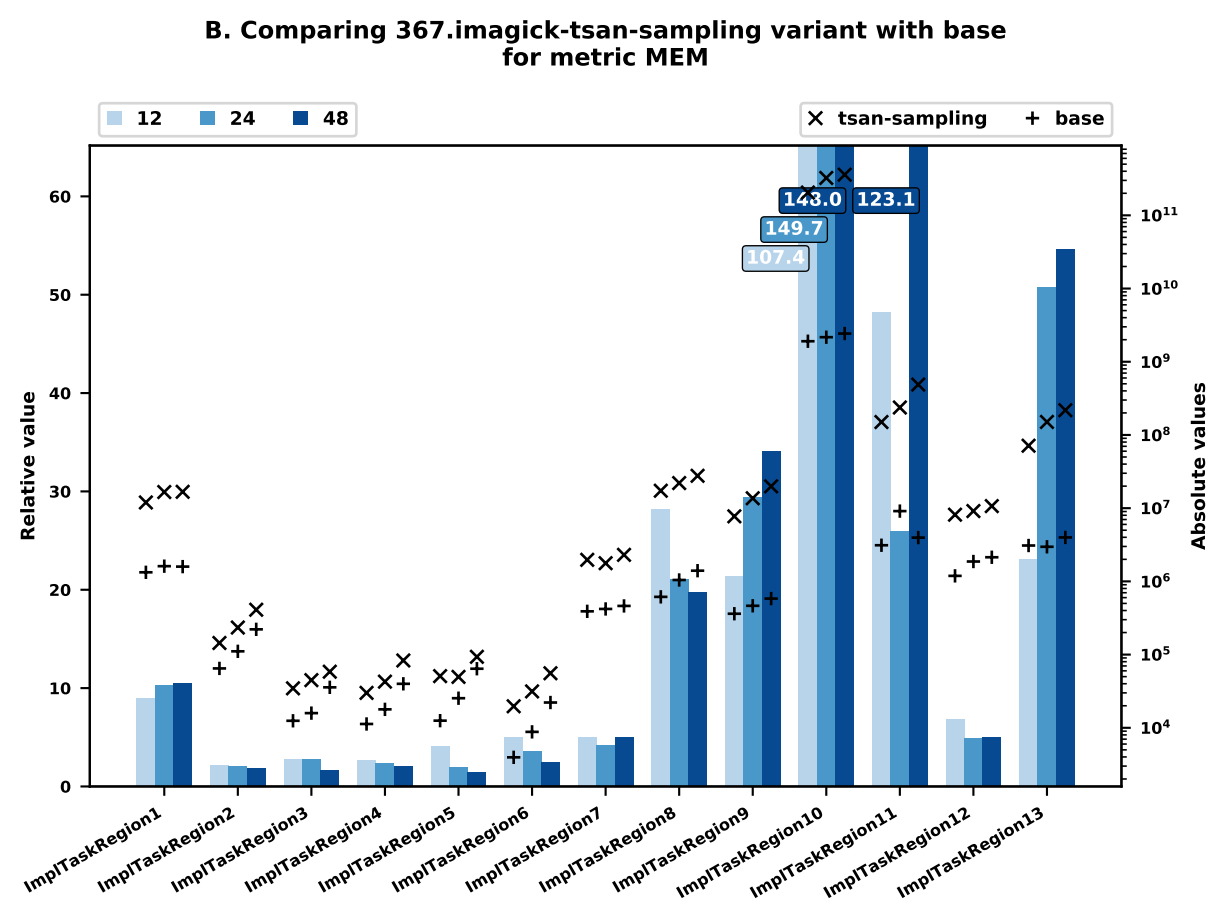

B. Comparing 367.imagick-archer-sampling variant with base
for metric L3_H
12
24
48
archer-sampling
base
158.2
49.4
59.3
187.1
Relative value
Absolute values
0
5
10
15
20
25
30
35
40
10^5
10^7
10^9
10^{11}
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

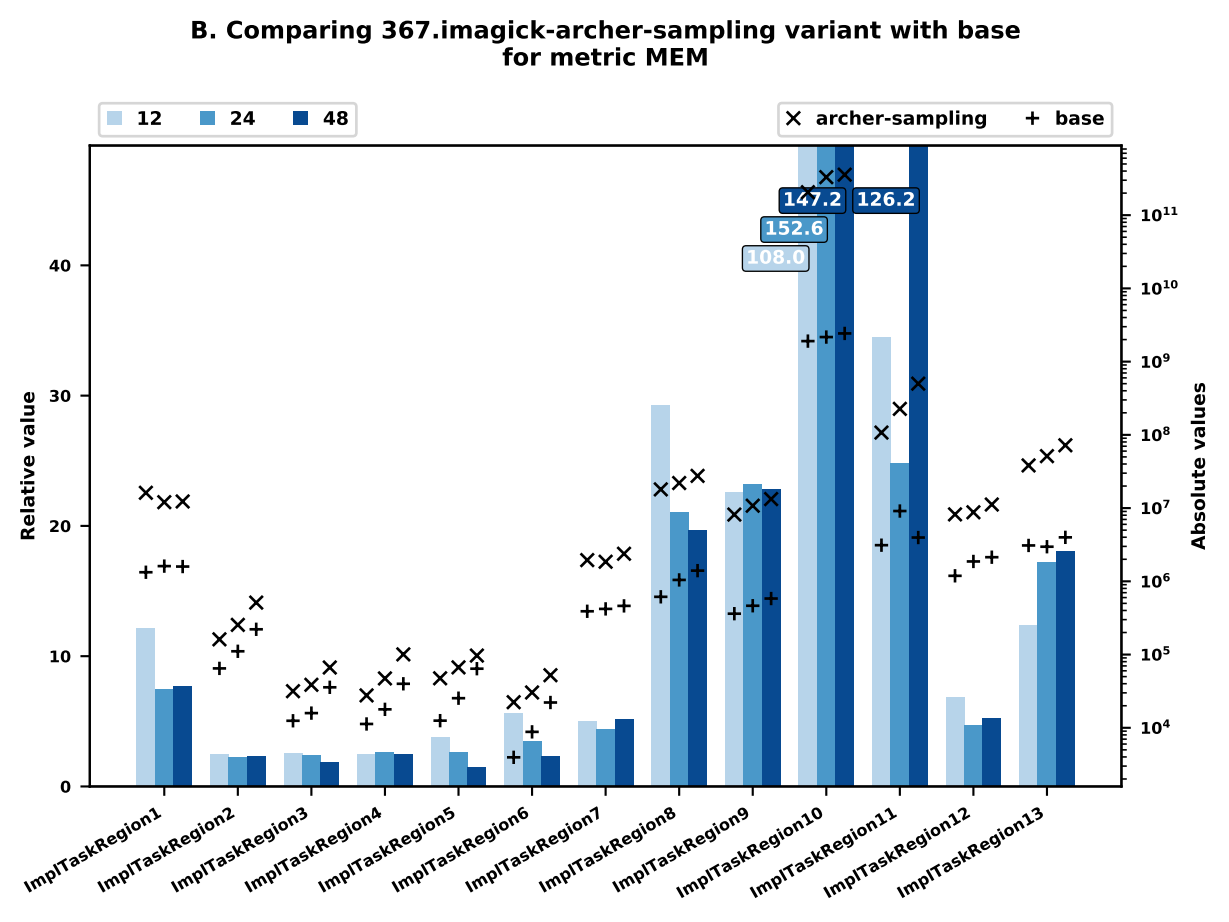

B. Comparing 367.imagick-tsan variant with base
for metric L3_H
12
24
48
tsan
base
Relative value
Absolute values
294.0
228.8
1192.9
193.8
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

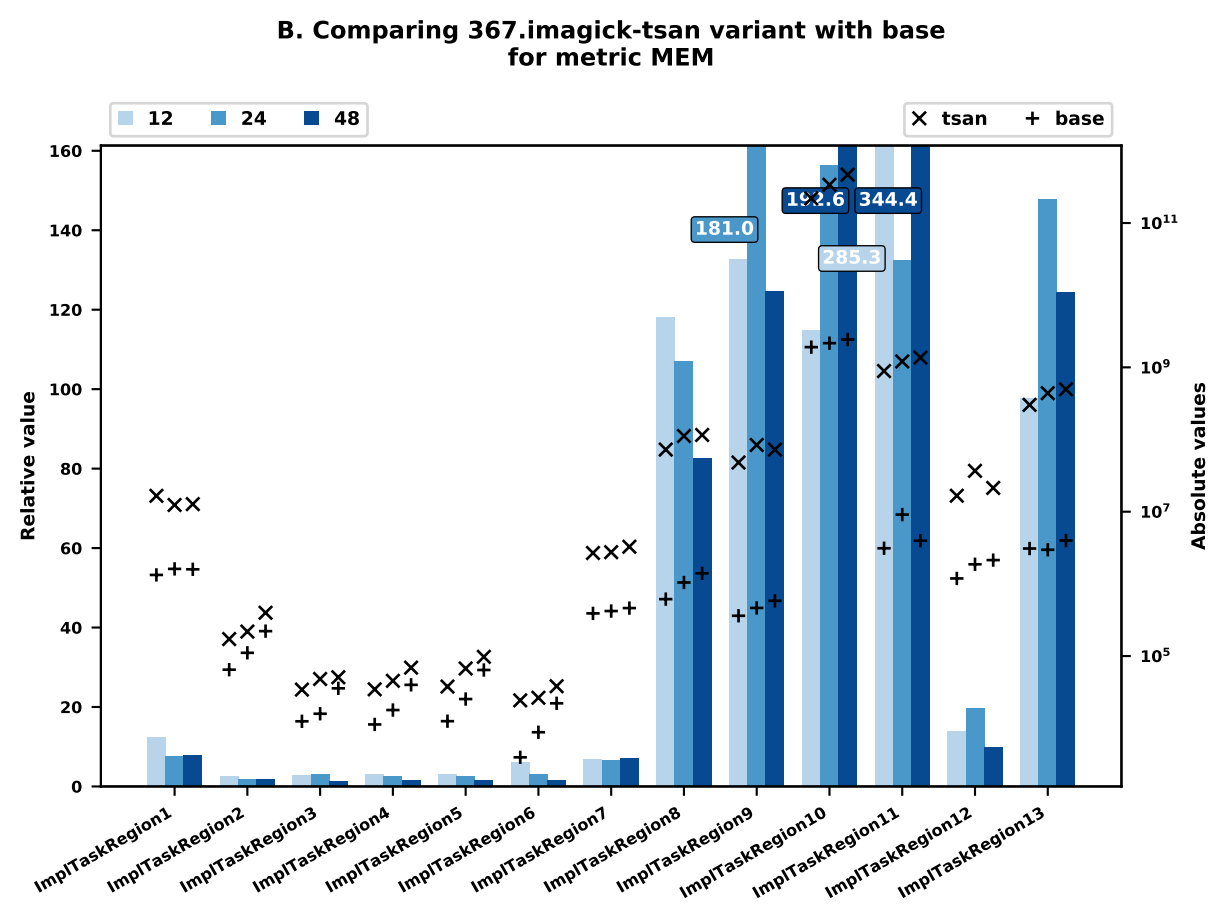

B. Comparing 367.imagick-archer variant with base
for metric L3_H
12
24
48
archer
base
316.1
187.7
1221.1
199.6
Relative value
Absolute values
0
20
40
60
80
100
120
140
160
10^5
10^7
10^9
10^{11}
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13

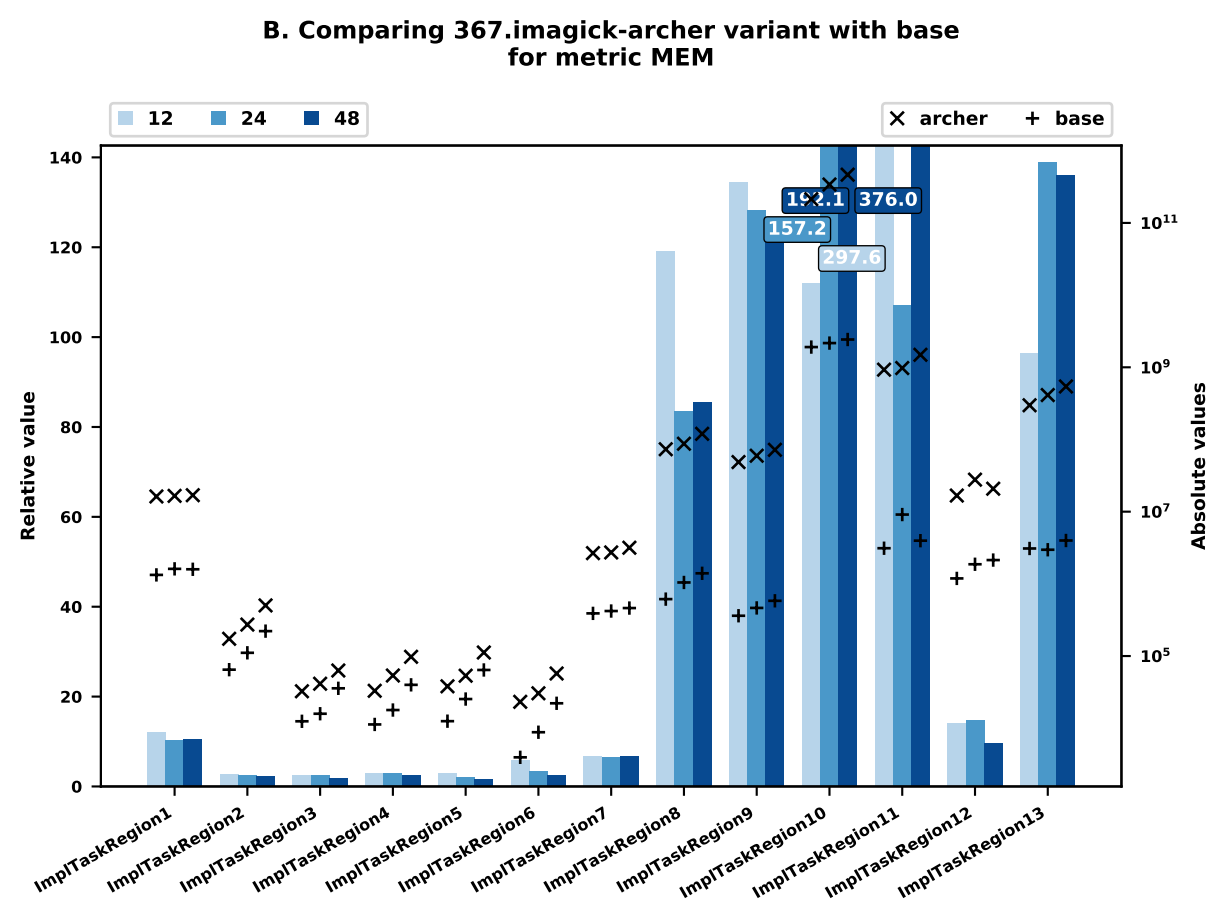

B. Comparing 367.imagick-tsan-noread variant with base
for metric MEM
12
24
48
tsan-noread
base
Relative value
Absolute values
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
10^{4}
10^{5}
10^{6}
10^{7}
10^{8}
10^{9}
10^{10}
10^{11}
25.2
87.0
143.5
129.7
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-archer-noread variant with base
for metric MEM
12
24
48
archer-noread
base
Relative value
Absolute values
26.1
96.1
135.0
132.1
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-tsan-sampling variant with base
for metric MEM
12
24
48
tsan-sampling
base
Relative value
Absolute values
0
10
20
30
40
50
60
10^{4}
10^{5}
10^{6}
10^{7}
10^{8}
10^{9}
10^{10}
10^{11}
107.4
149.7
143.0
123.1
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-archer-sampling variant with base
for metric MEM
12
24
48
archer-sampling
base
147.2
126.2
152.6
108.0
Relative value
Absolute values
0
10
20
30
40
10^{4}
10^{5}
10^{6}
10^{7}
10^{8}
10^{9}
10^{10}
10^{11}
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-tsan variant with base
for metric MEM
12
24
48
tsan
base
Relative value
Absolute values
181.0
285.3
344.4
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13


B. Comparing 367.imagick-archer variant with base
for metric MEM
12
24
48
archer
base
Relative value
Absolute values
0
20
40
60
80
100
120
140
10^5
10^7
10^9
10^{11}
157.2
297.6
376.0
ImplTaskRegion1
ImplTaskRegion2
ImplTaskRegion3
ImplTaskRegion4
ImplTaskRegion5
ImplTaskRegion6
ImplTaskRegion7
ImplTaskRegion8
ImplTaskRegion9
ImplTaskRegion10
ImplTaskRegion11
ImplTaskRegion12
ImplTaskRegion13