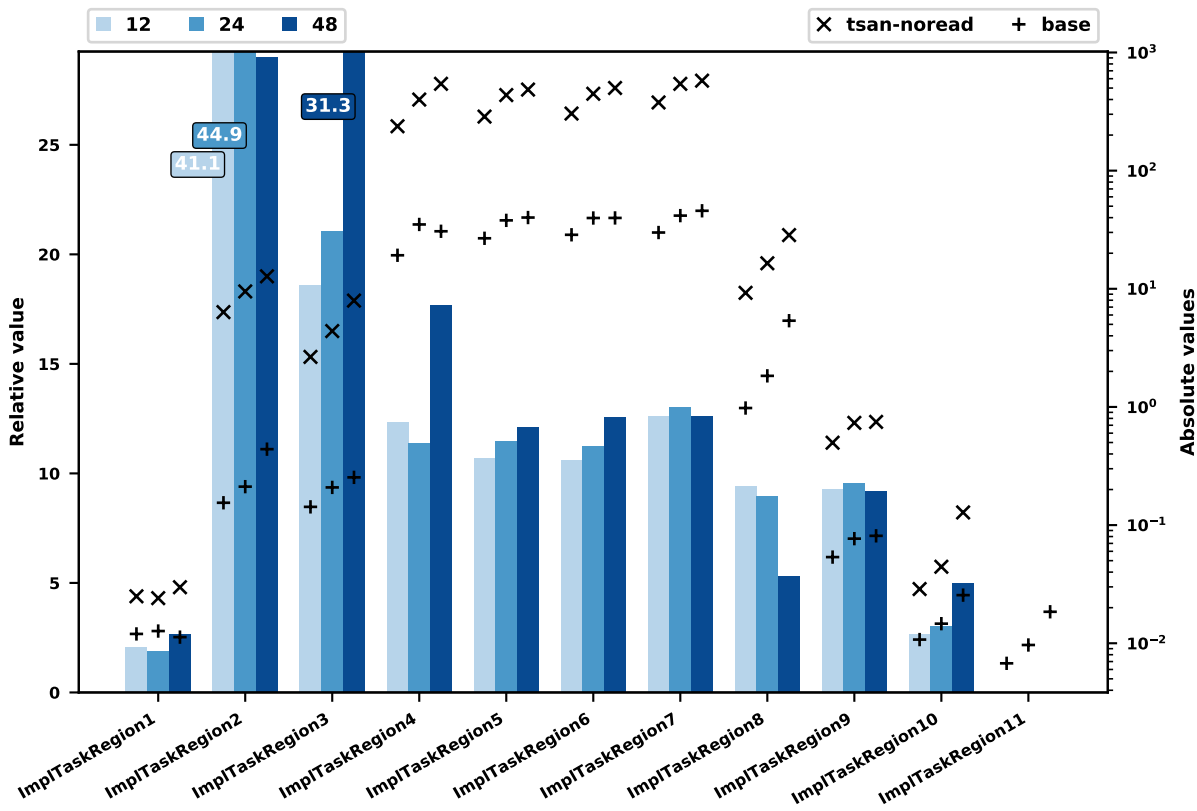
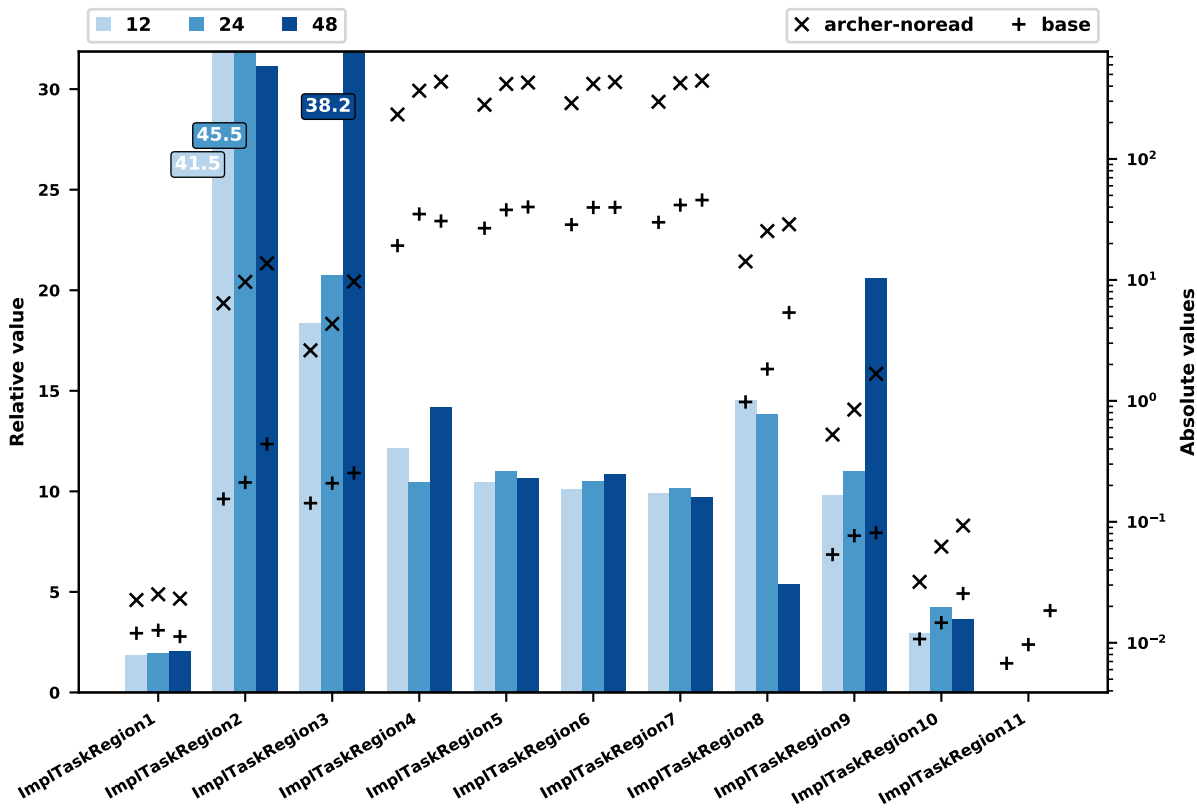


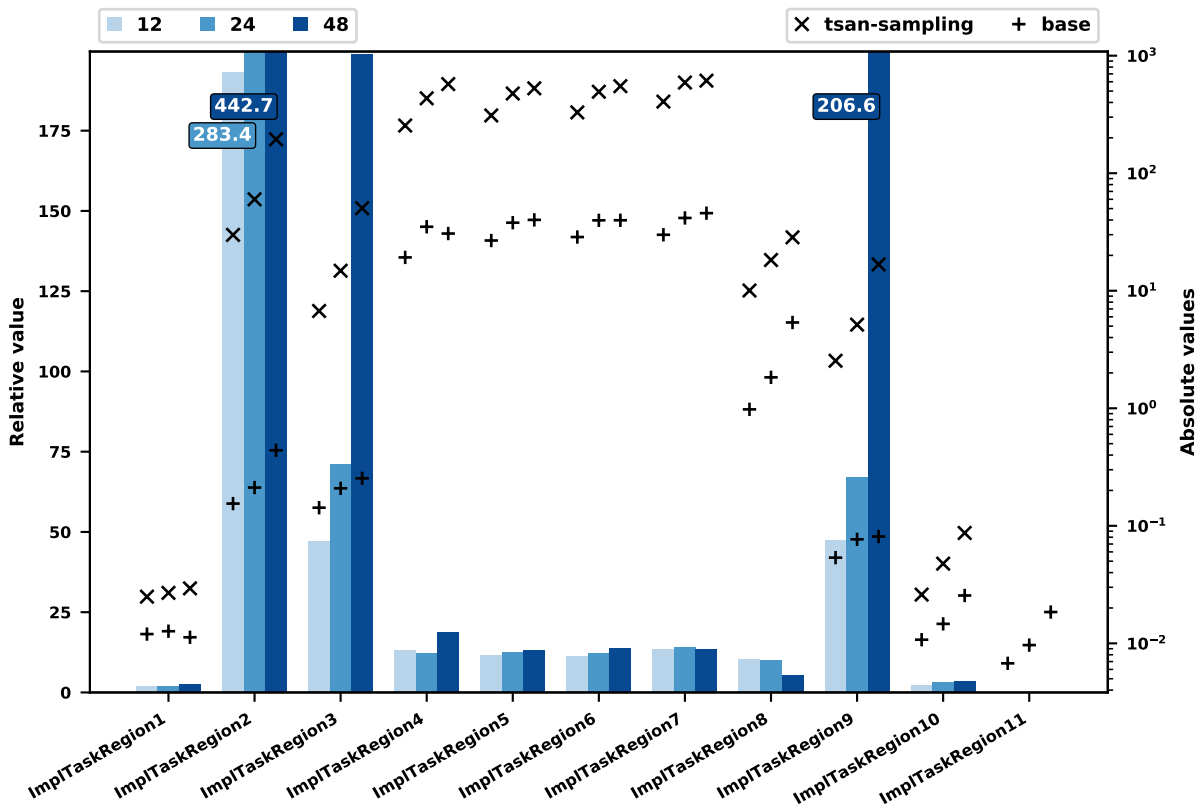
**B. Comparing 357.bt331-tsan-noread variant with base for metric Time**



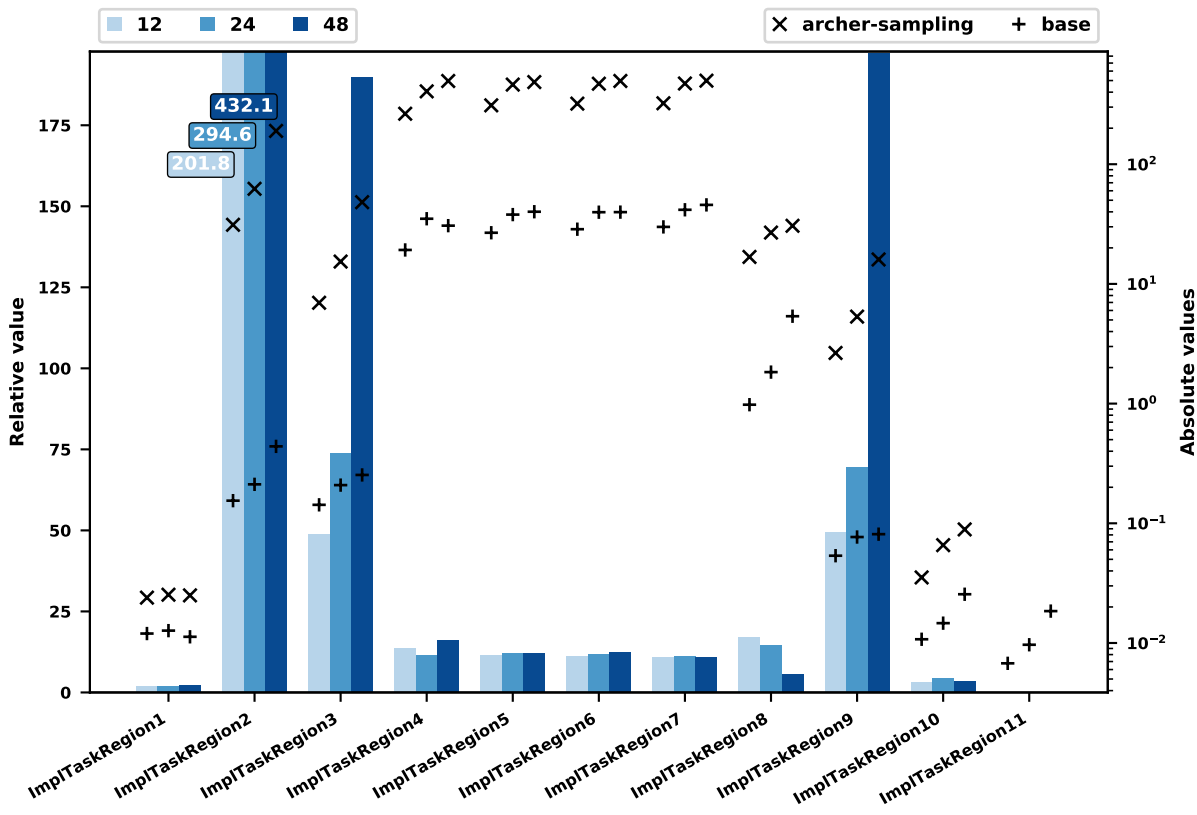
**B. Comparing 357.bt331-archer-noread variant with base  
for metric Time**



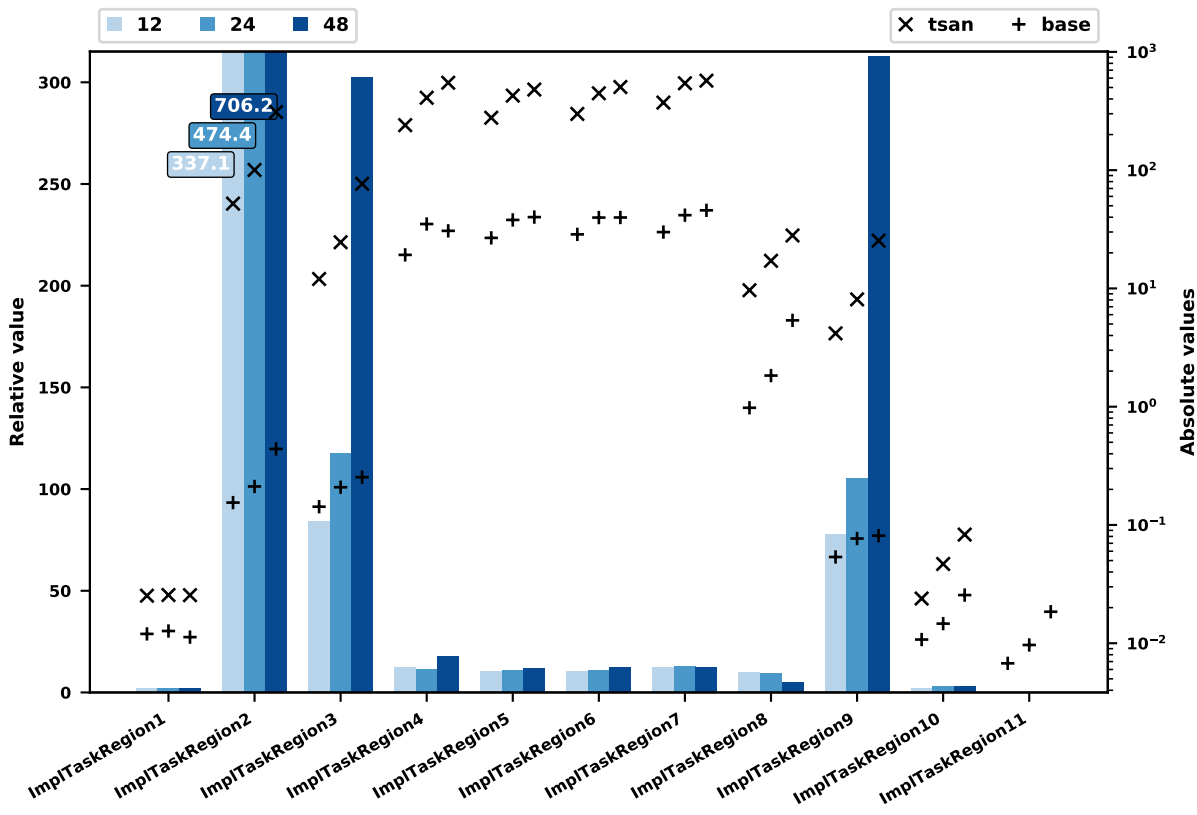
## B. Comparing 357.bt331-tsan-sampling variant with base for metric Time



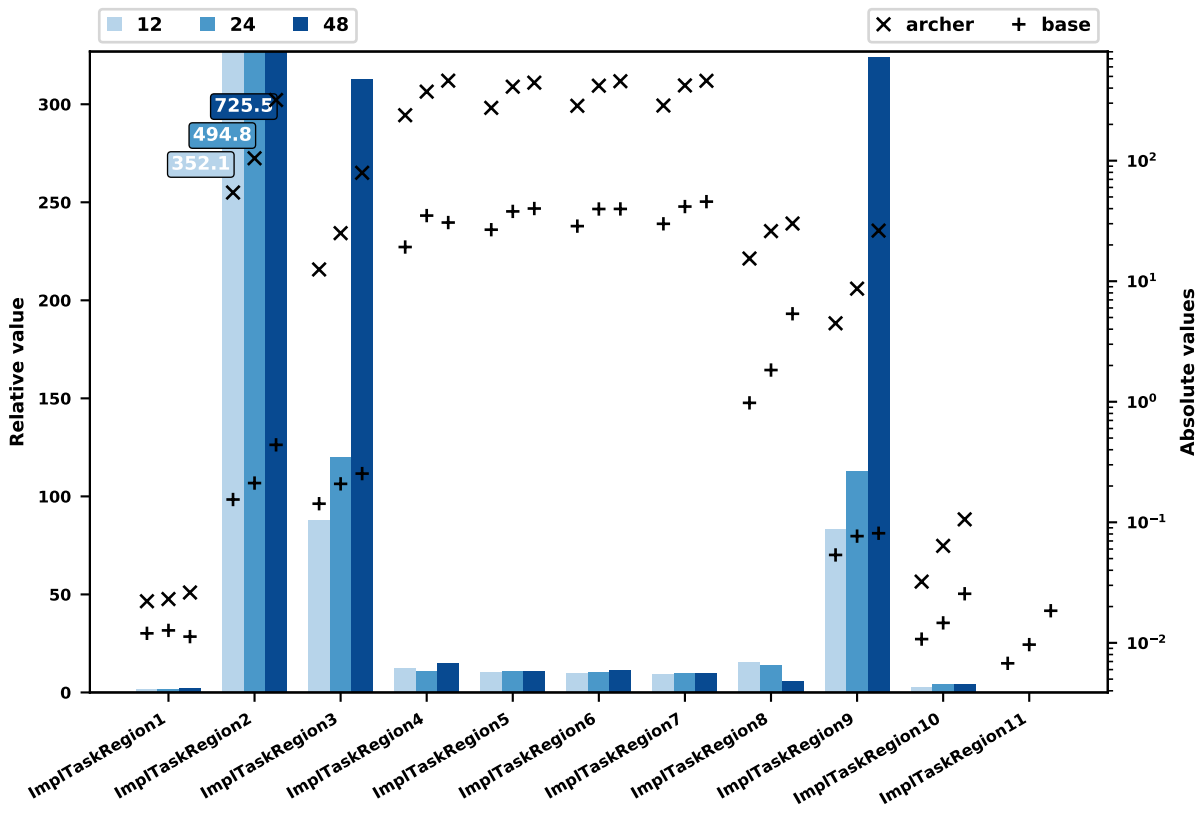
## B. Comparing 357.bt331-archer-sampling variant with base for metric Time



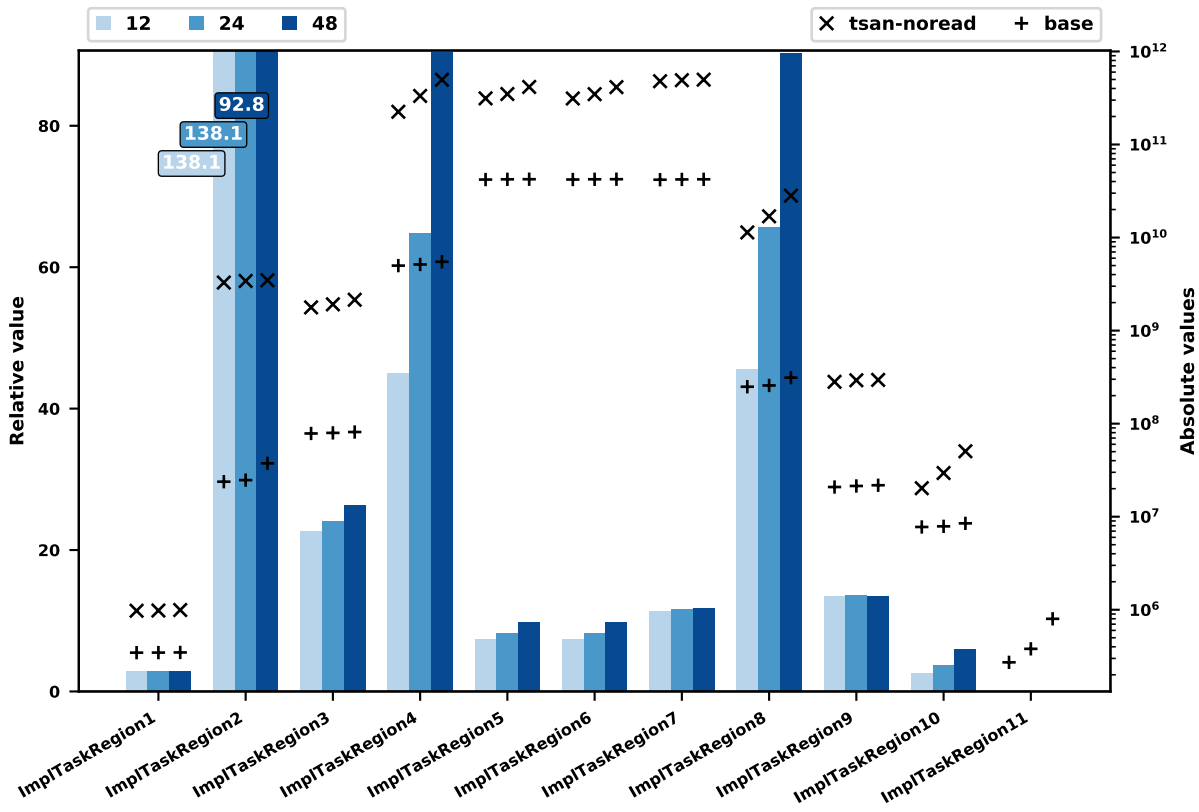
## B. Comparing 357.bt331-tsan variant with base for metric Time



## B. Comparing 357.bt331-archer variant with base for metric Time

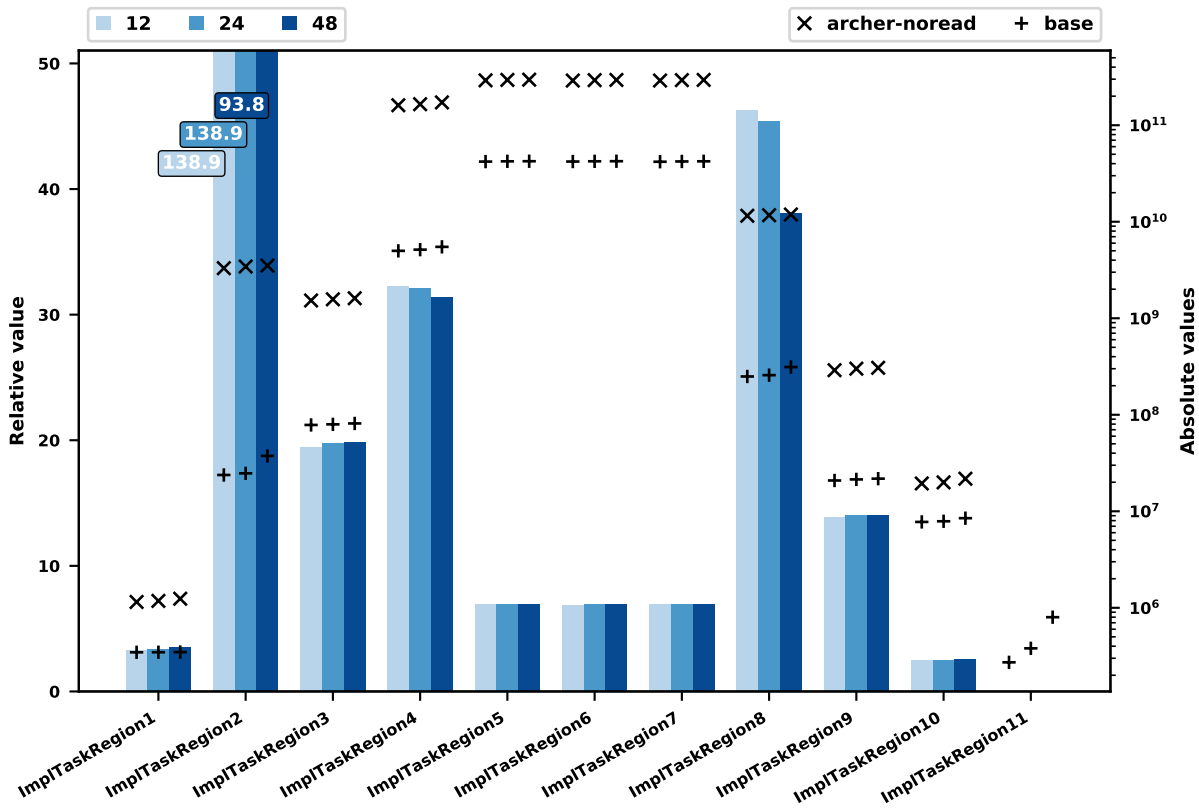


# B. Comparing 357.bt331-tsan-noread variant with base for metric MEM\_INST\_RETIRED:ALL\_STORES

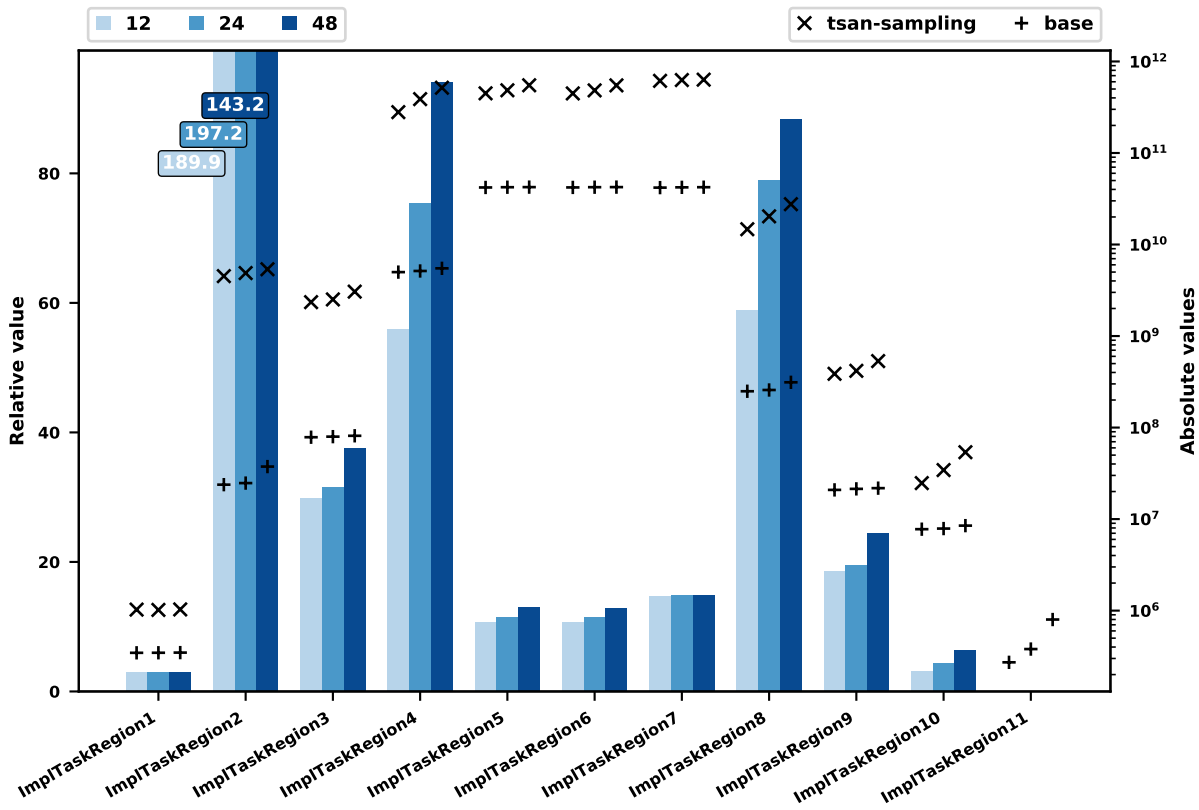




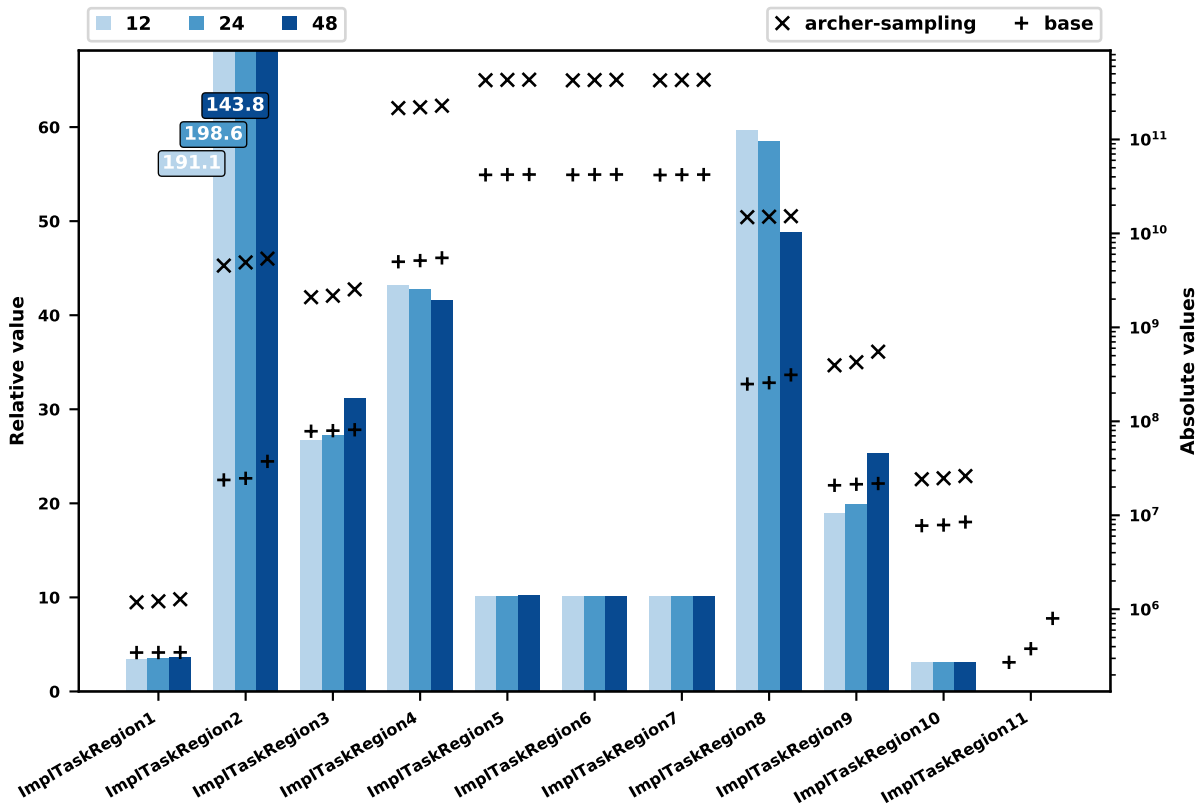
## B. Comparing 357.bt331-archer-noread variant with base for metric MEM\_INST\_RETIRED:ALL\_STORES



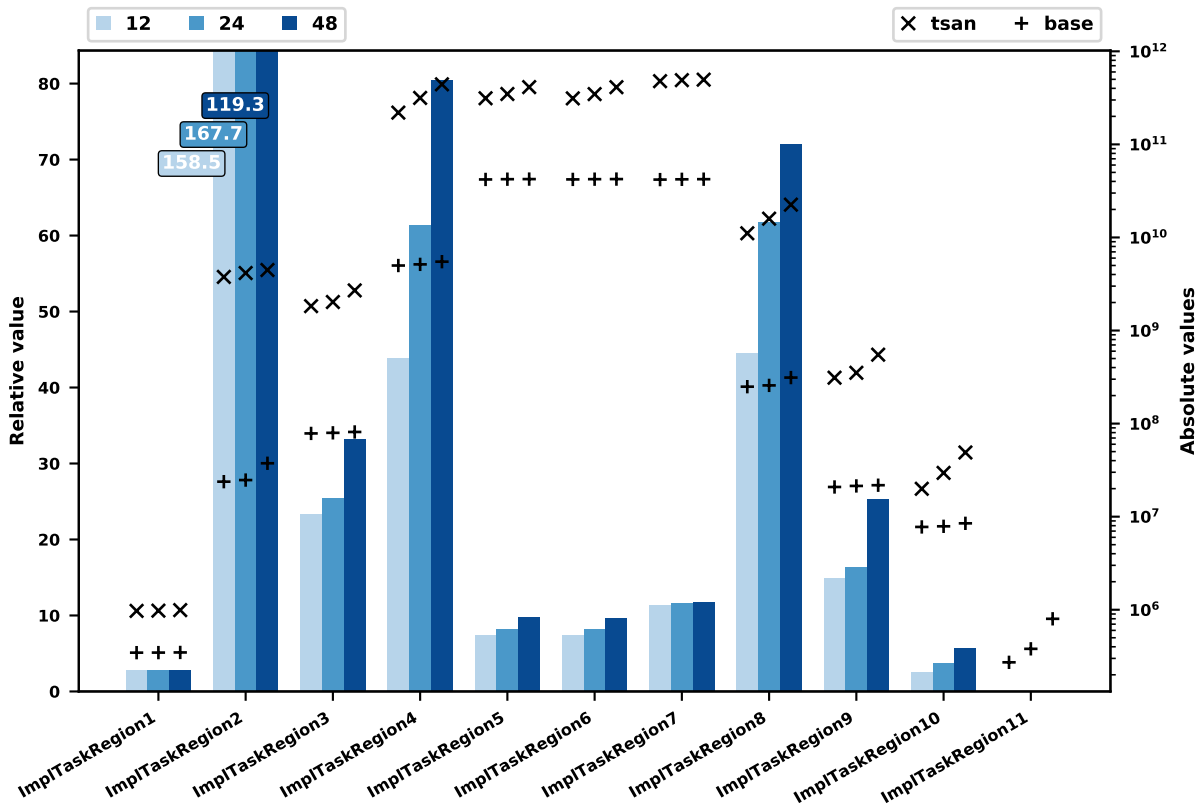
## B. Comparing 357.bt331-tsan-sampling variant with base for metric MEM\_INST\_RETIRED:ALL\_STORES



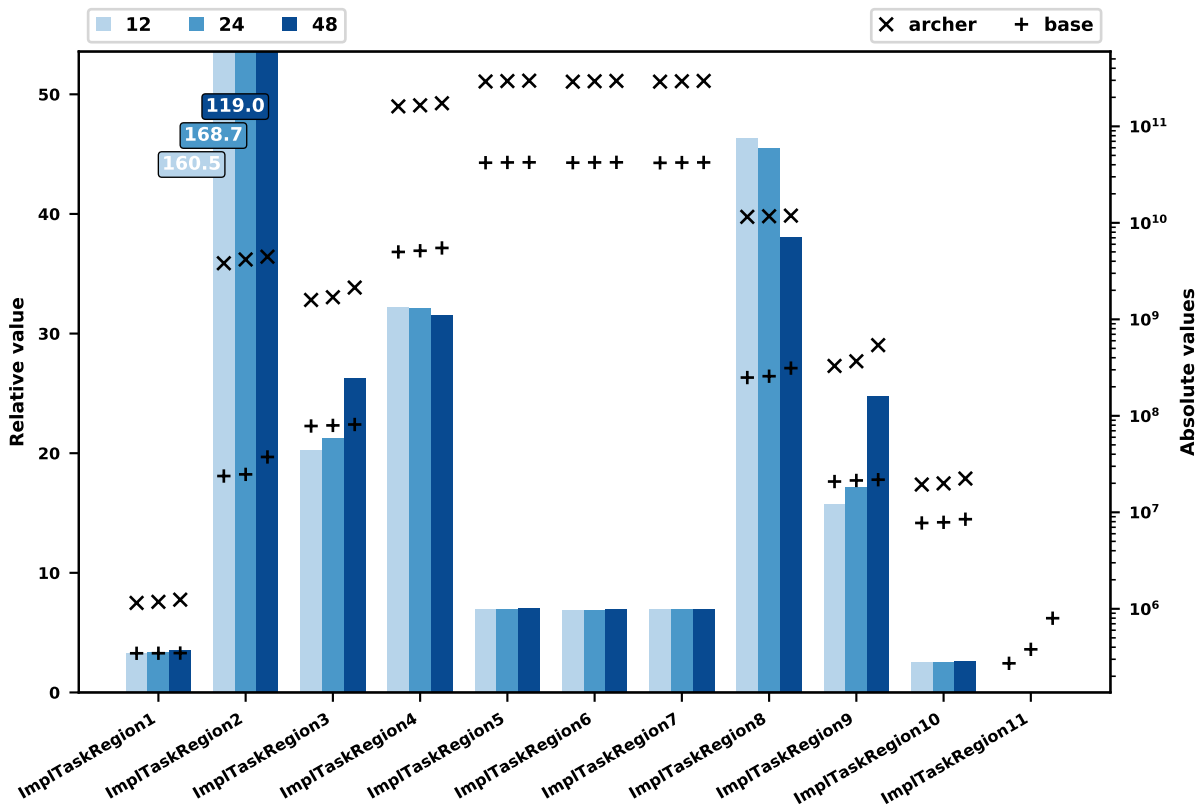
# B. Comparing 357.bt331-archer-sampling variant with base for metric MEM\_INST\_RETIRED:ALL\_STORES



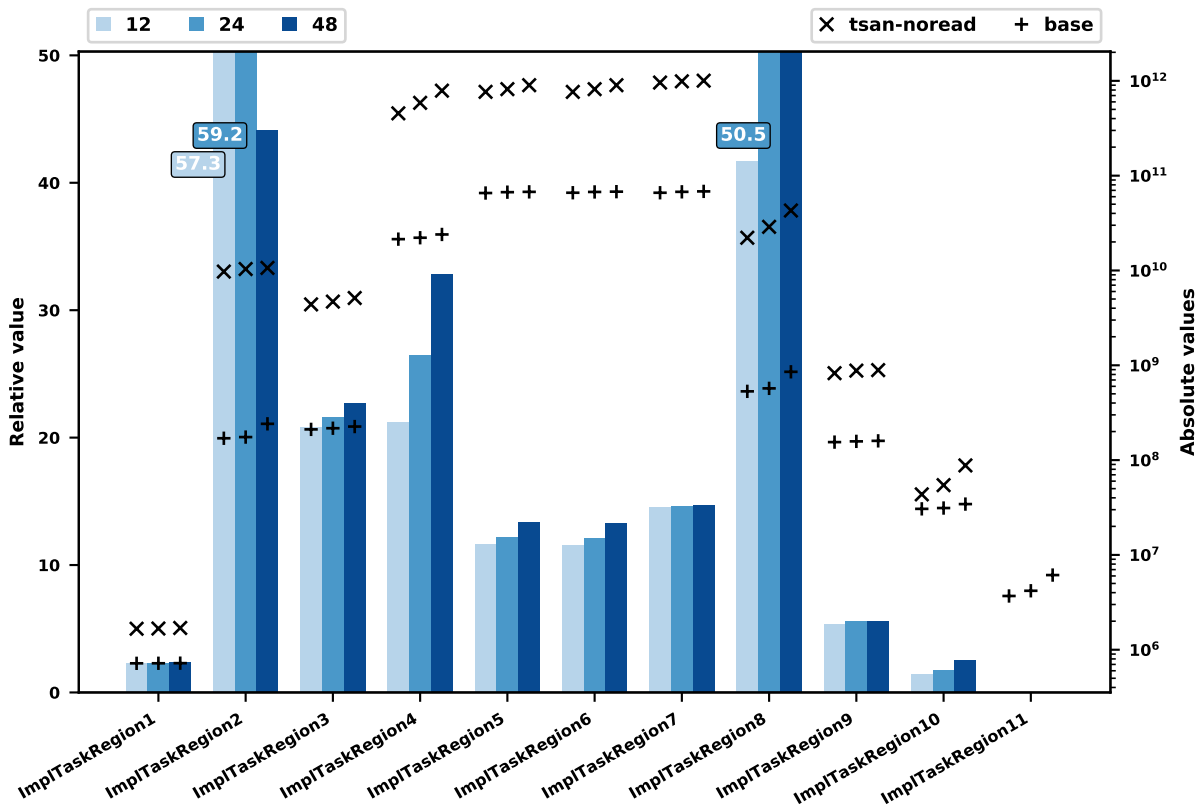
**B. Comparing 357.bt331-tsan variant with base  
for metric MEM\_INST\_RETIRED:ALL\_STORES**



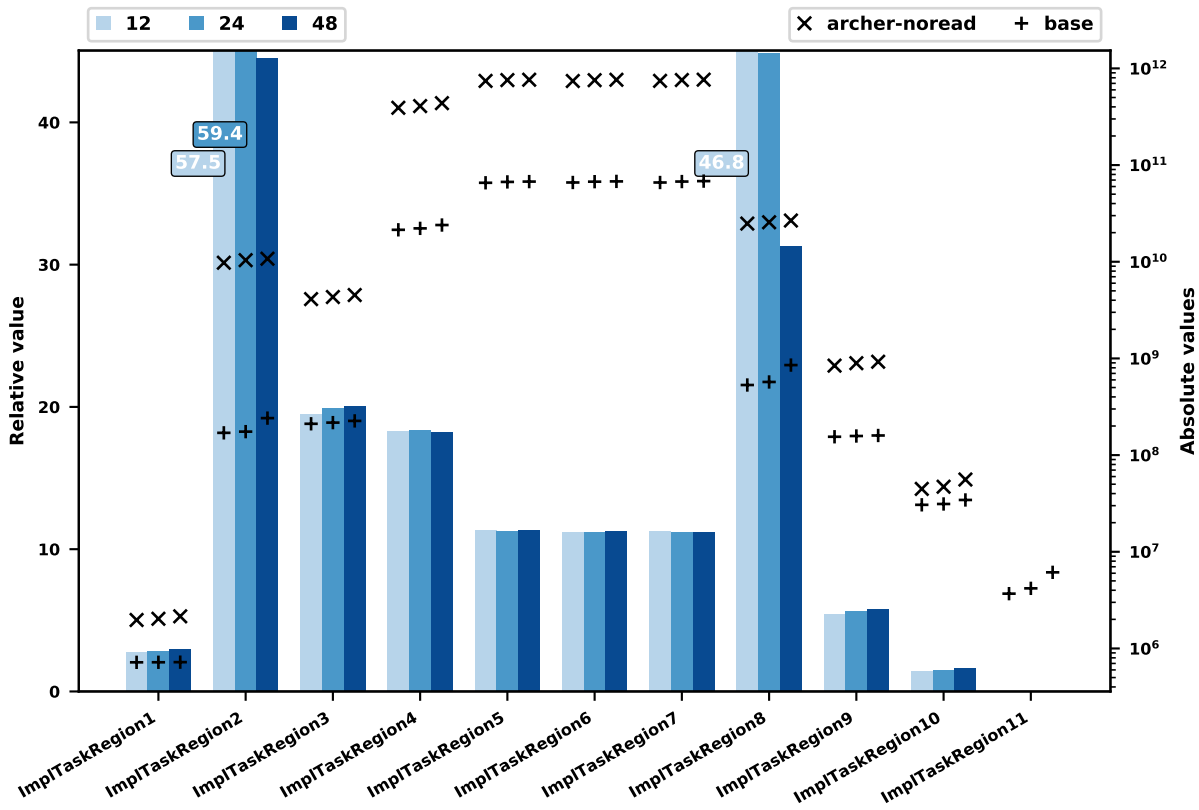
## B. Comparing 357.bt331-archer variant with base for metric MEM\_INST\_RETIRED:ALL\_STORES



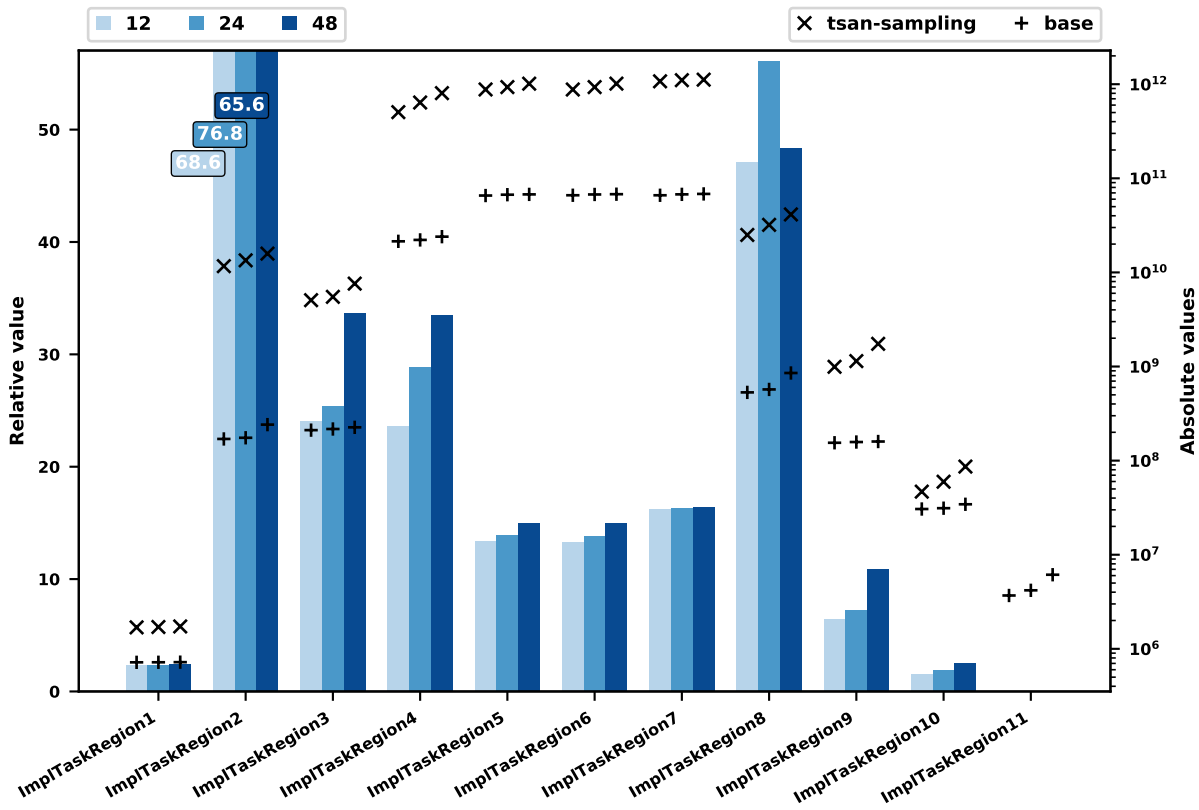
**B. Comparing 357.bt331-tsan-noread variant with base  
for metric MEM\_INST\_RETIRED:ALL\_LOADS**



## B. Comparing 357.bt331-archer-noread variant with base for metric MEM\_INST\_RETIRED:ALL\_LOADS

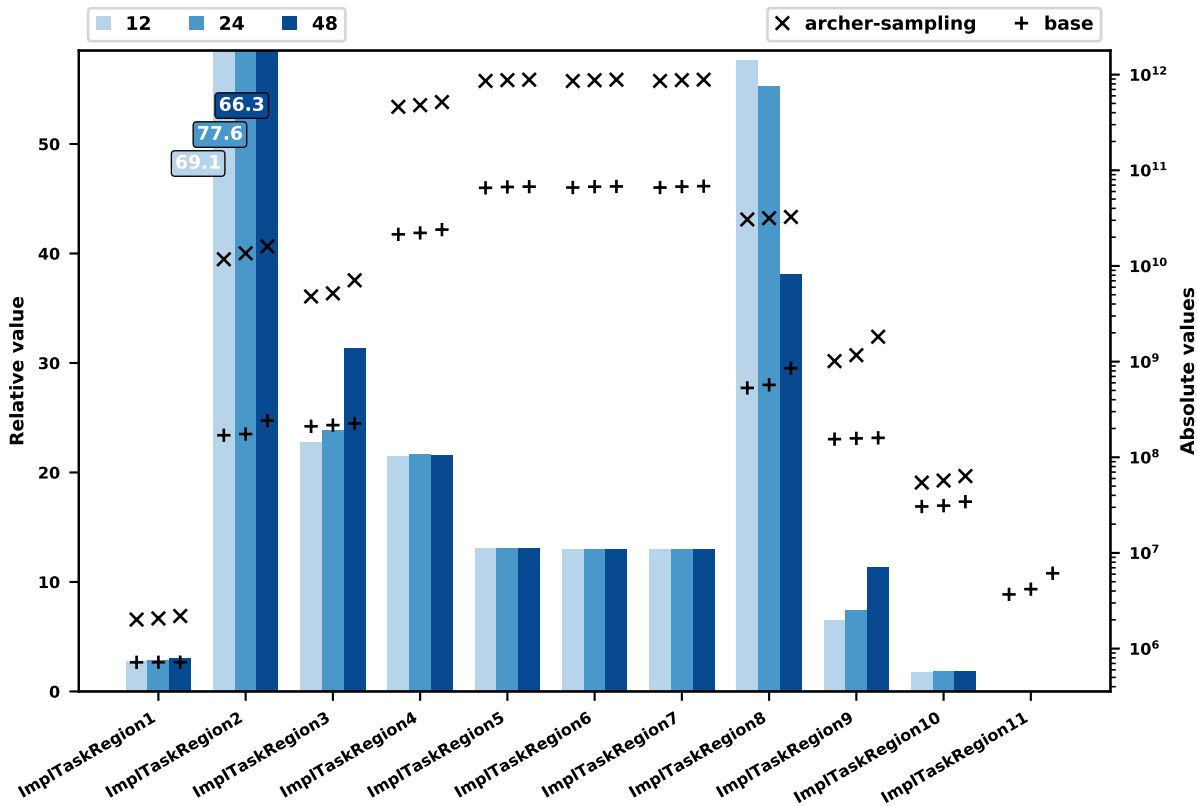


**B. Comparing 357.bt331-tsan-sampling variant with base  
for metric MEM\_INST\_RETIRED:ALL\_LOADS**

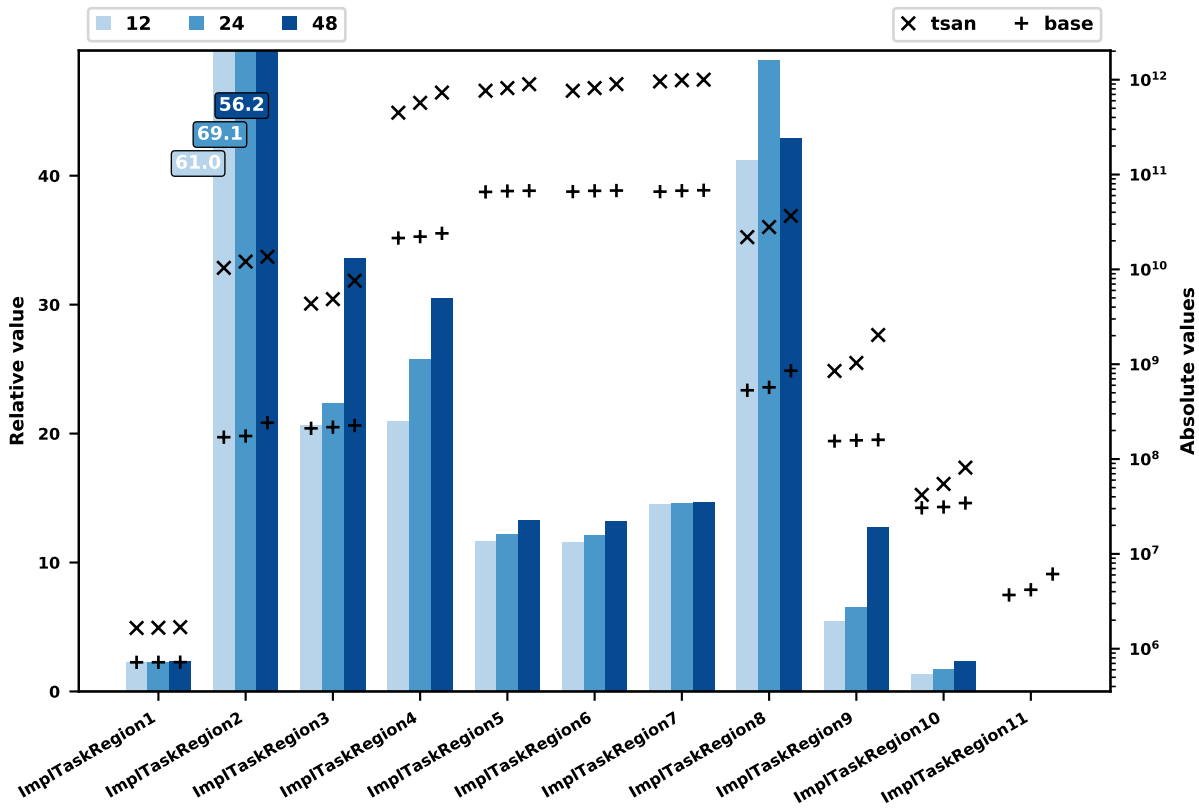




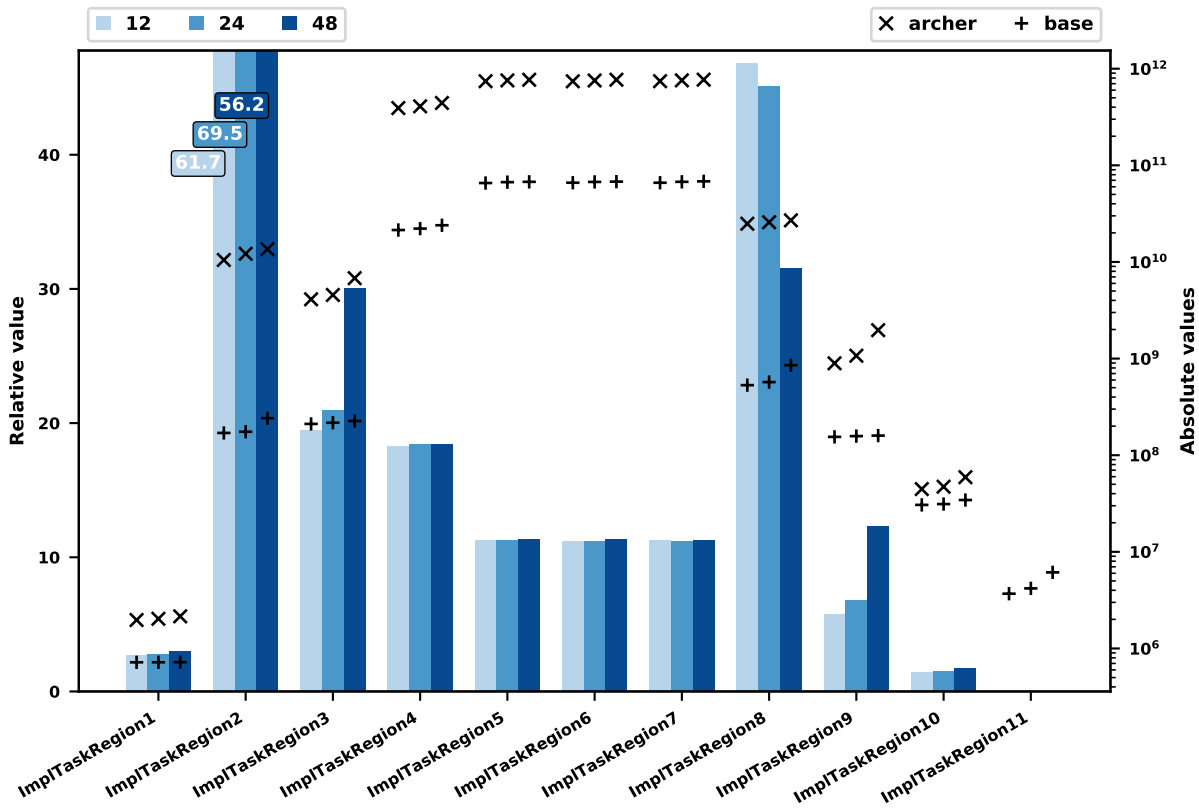
# B. Comparing 357.bt331-archer-sampling variant with base for metric MEM\_INST\_RETIRED:ALL\_LOADS



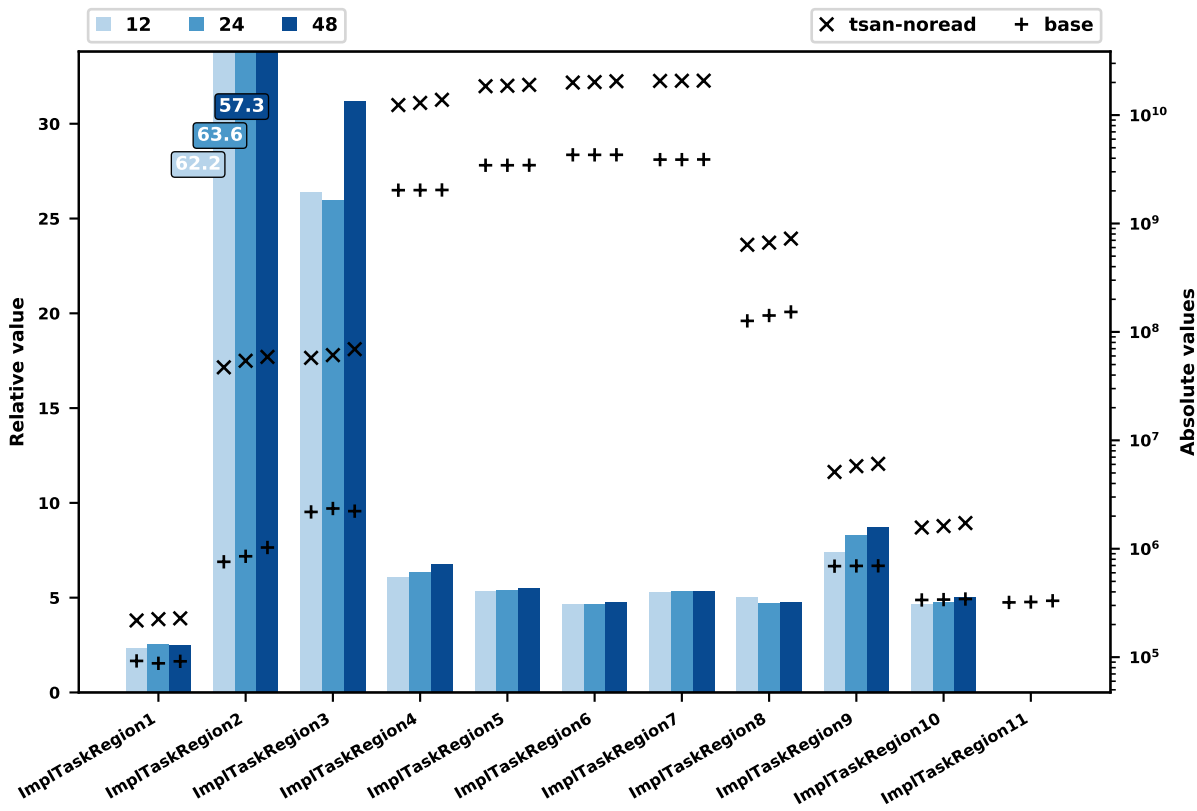
## B. Comparing 357.bt331-tsan variant with base for metric MEM\_INST\_RETIRED:ALL\_LOADS



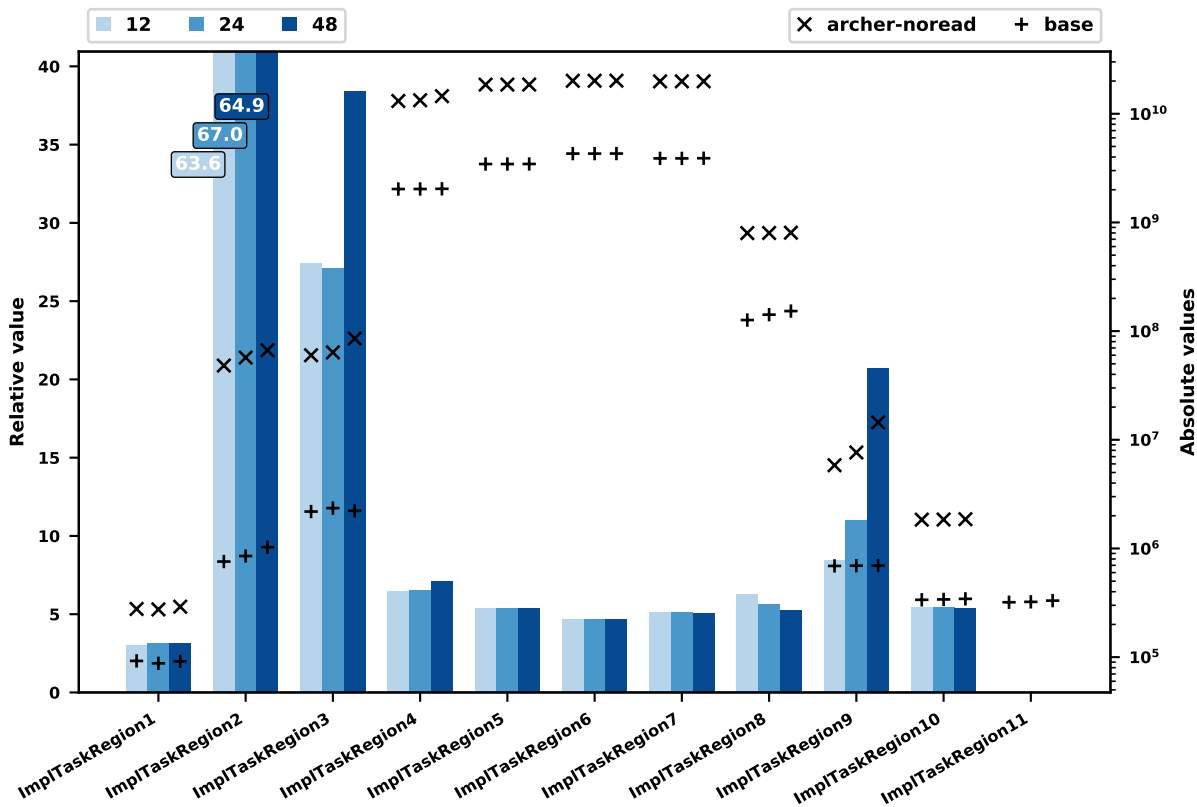
## B. Comparing 357.bt331-archer variant with base for metric MEM\_INST\_RETIRED:ALL\_LOADS



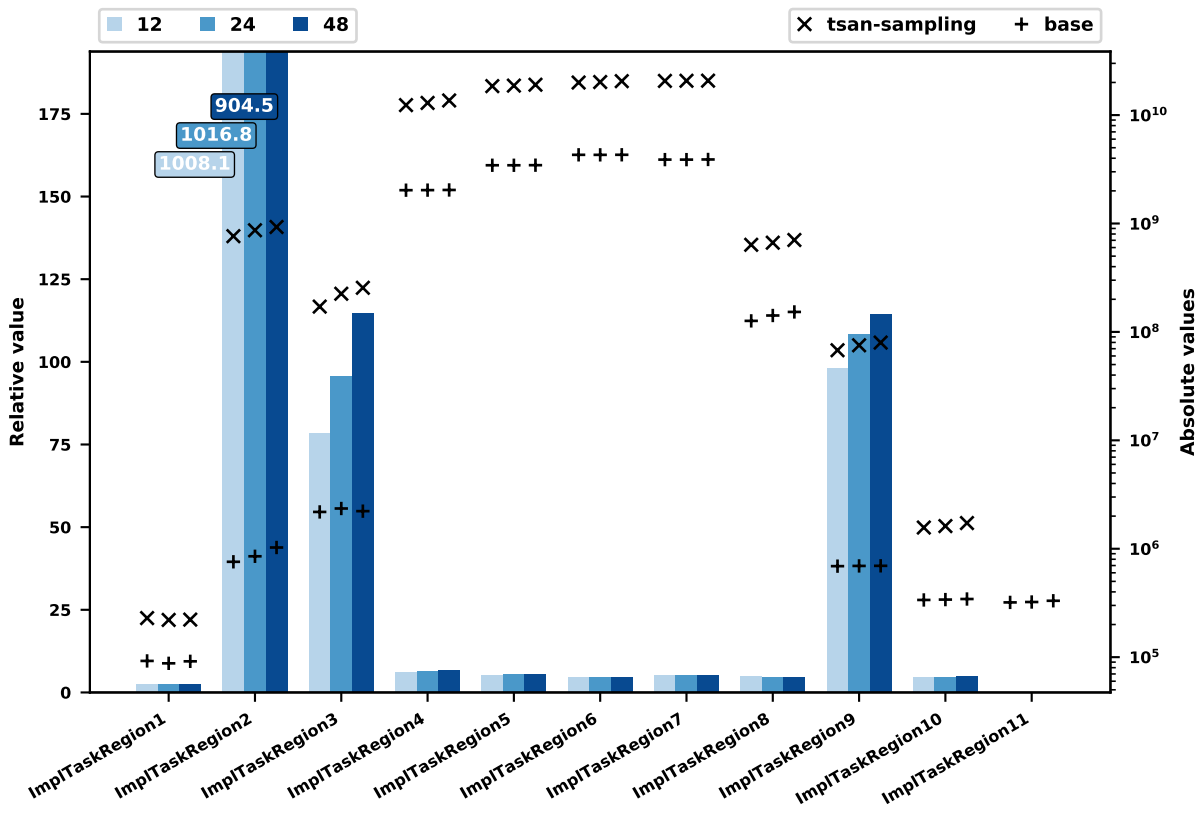
**B. Comparing 357.bt331-tsan-noread variant with base  
for metric L1D:REPLACEMENT**



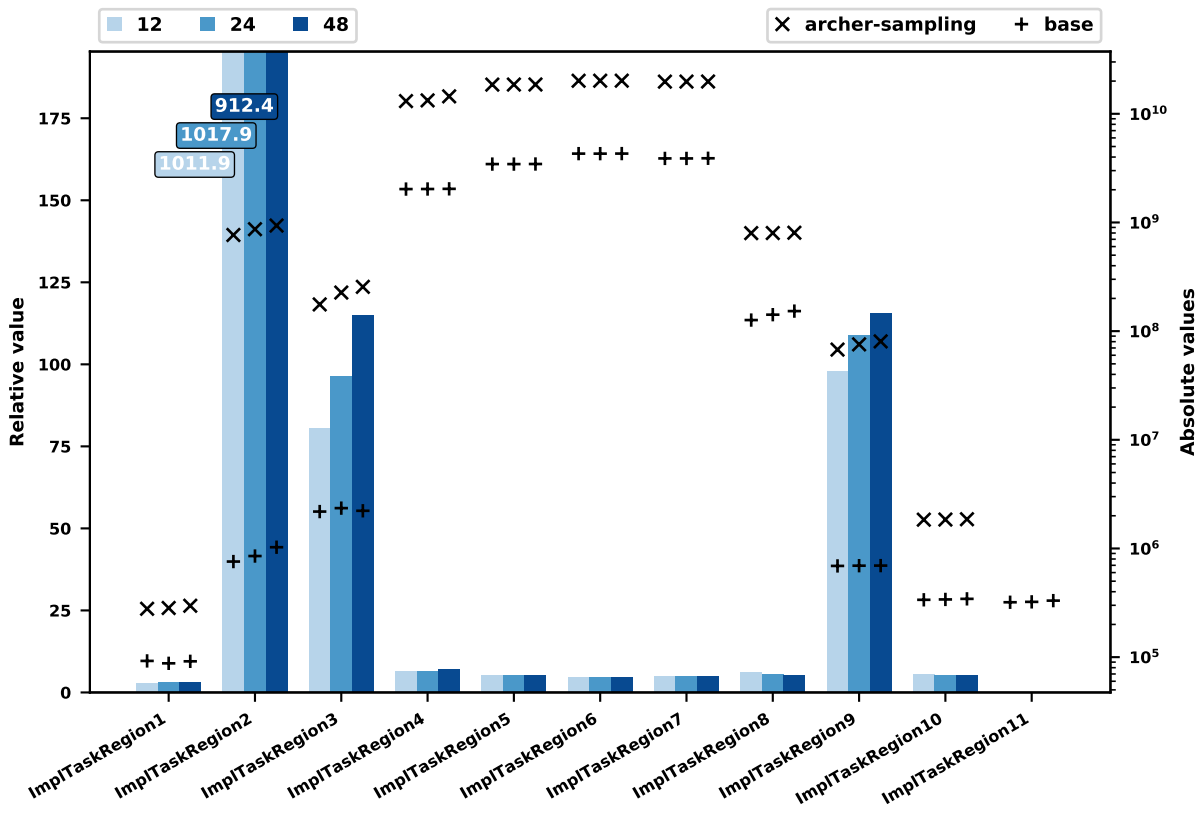
## B. Comparing 357.bt331-archer-noread variant with base for metric L1D:REPLACEMENT



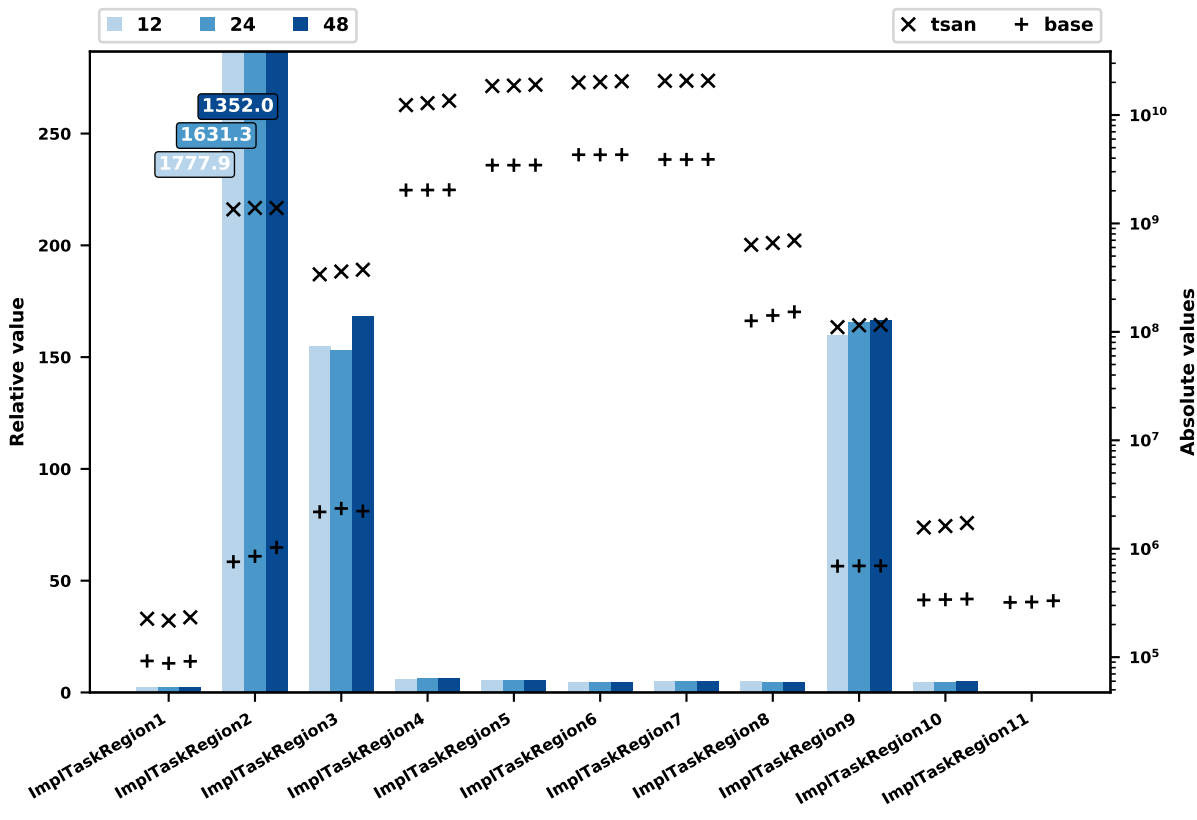
## B. Comparing 357.bt331-tsan-sampling variant with base for metric L1D:REPLACEMENT



## B. Comparing 357.bt331-archer-sampling variant with base for metric L1D:REPLACEMENT

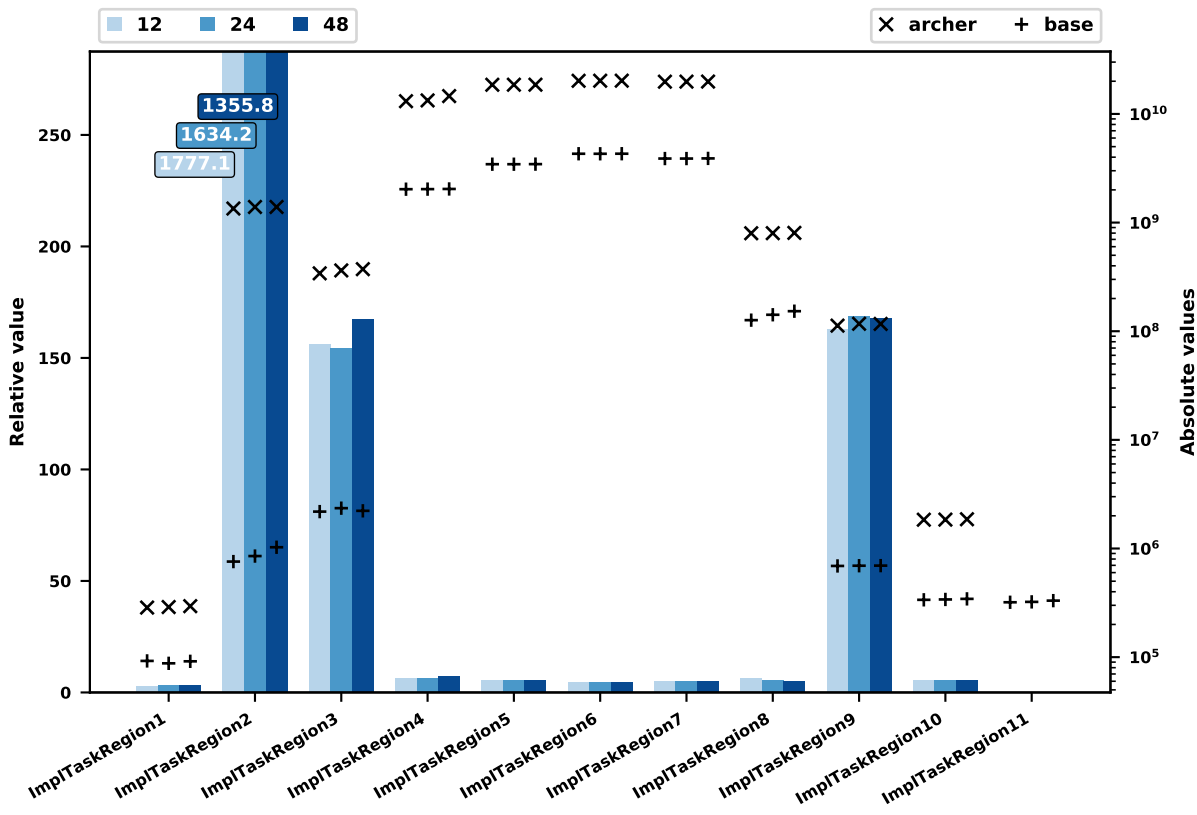


## B. Comparing 357.bt331-tsan variant with base for metric L1D:REPLACEMENT

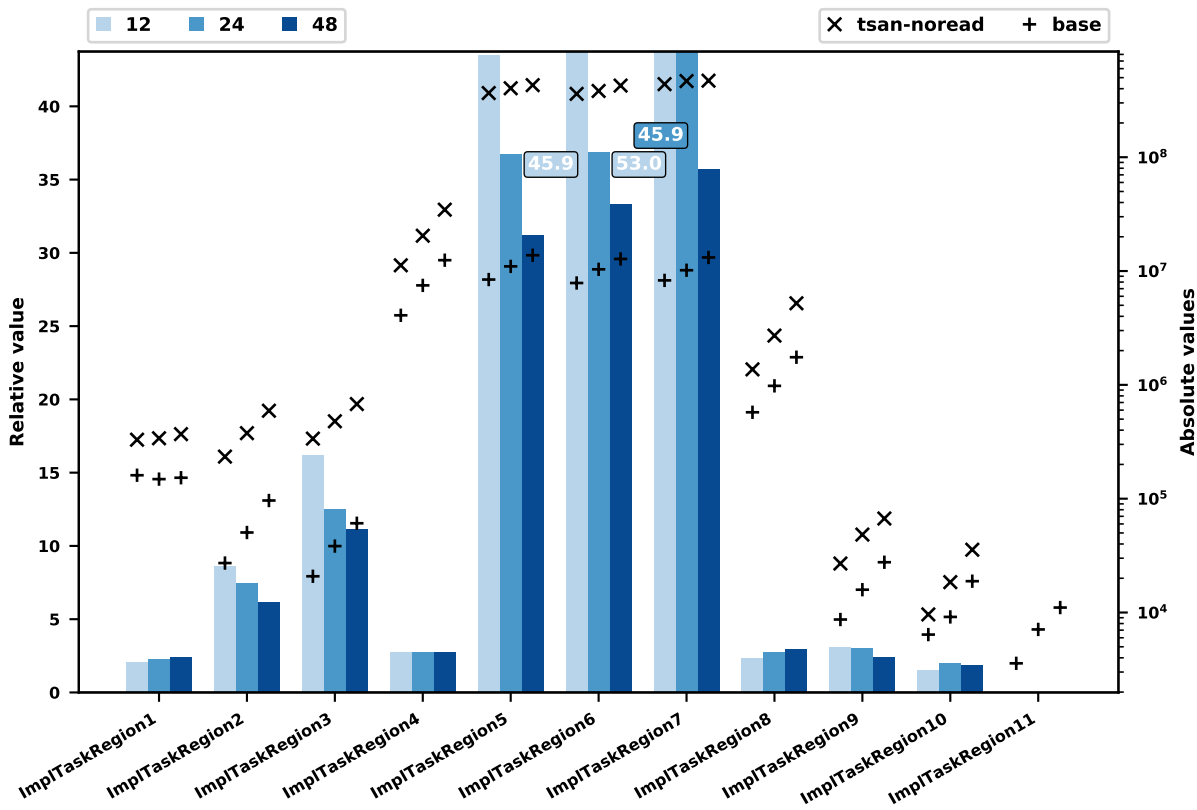




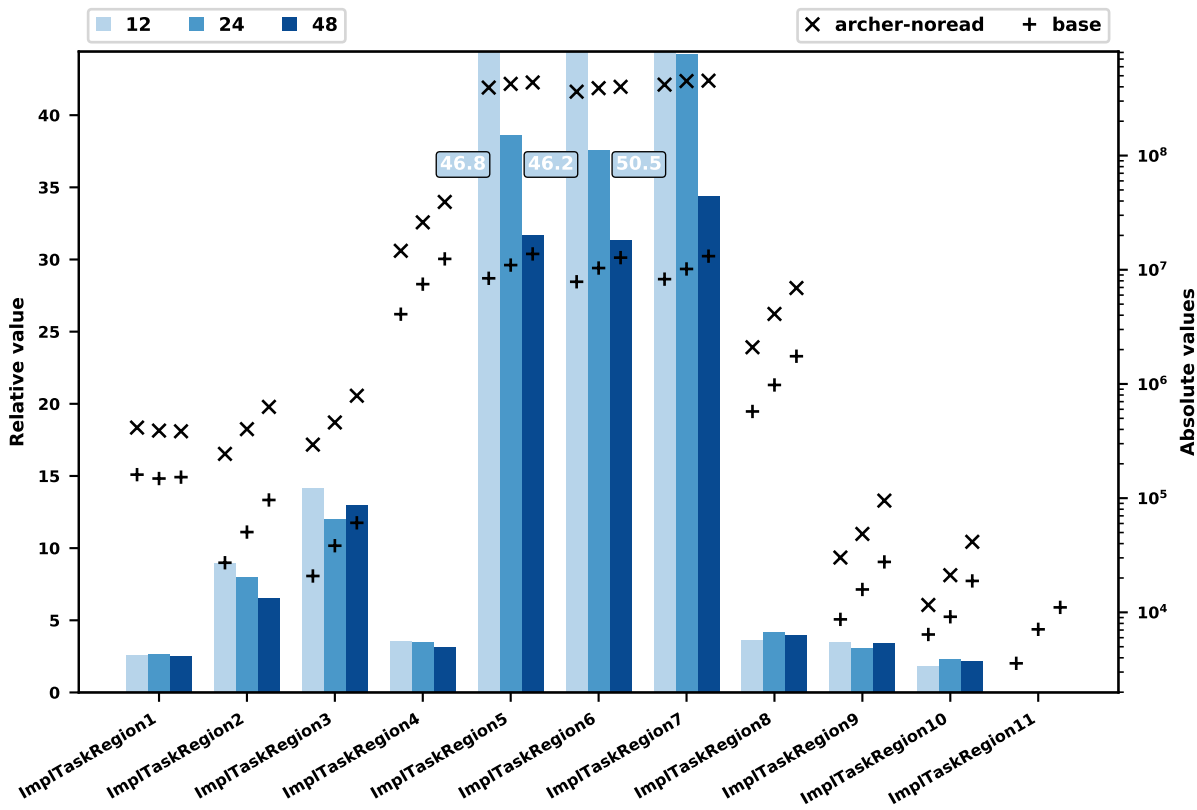
## B. Comparing 357.bt331-archer variant with base for metric L1D:REPLACEMENT



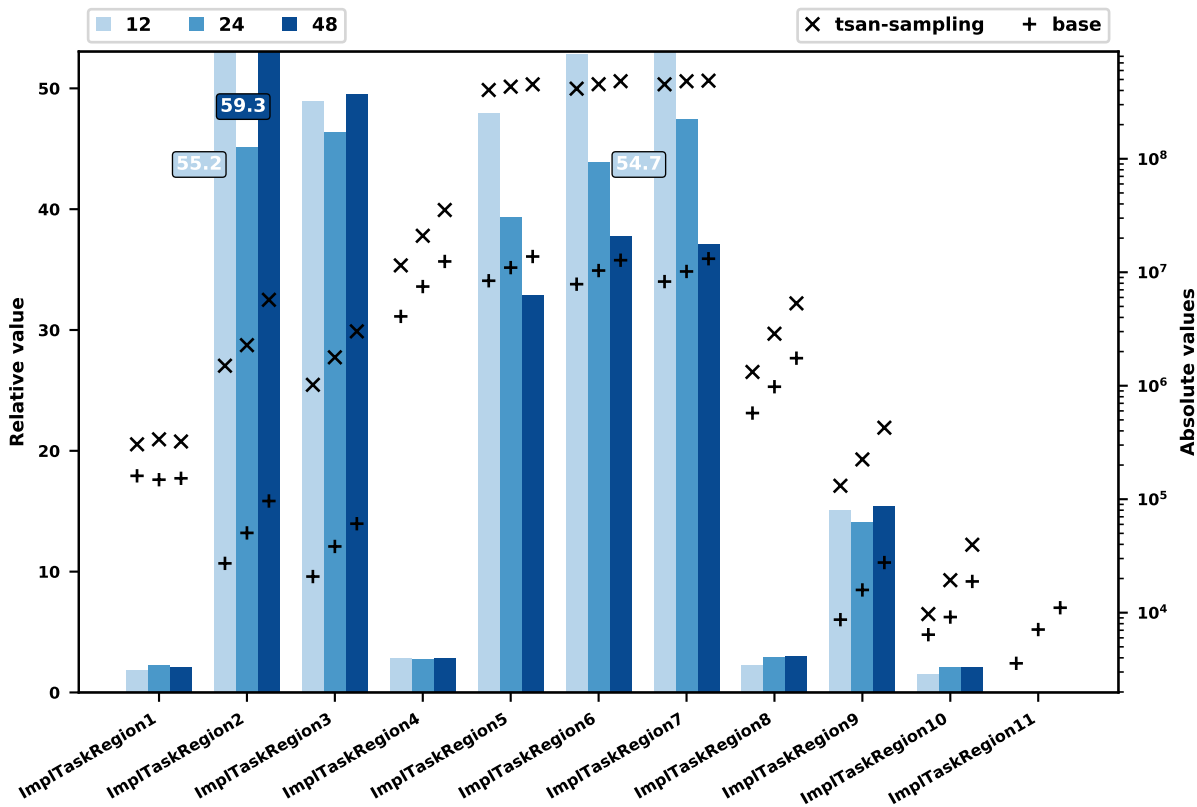
## B. Comparing 357.bt331-tsan-noread variant with base for metric L2\_RQSTS:ALL\_CODE\_RD



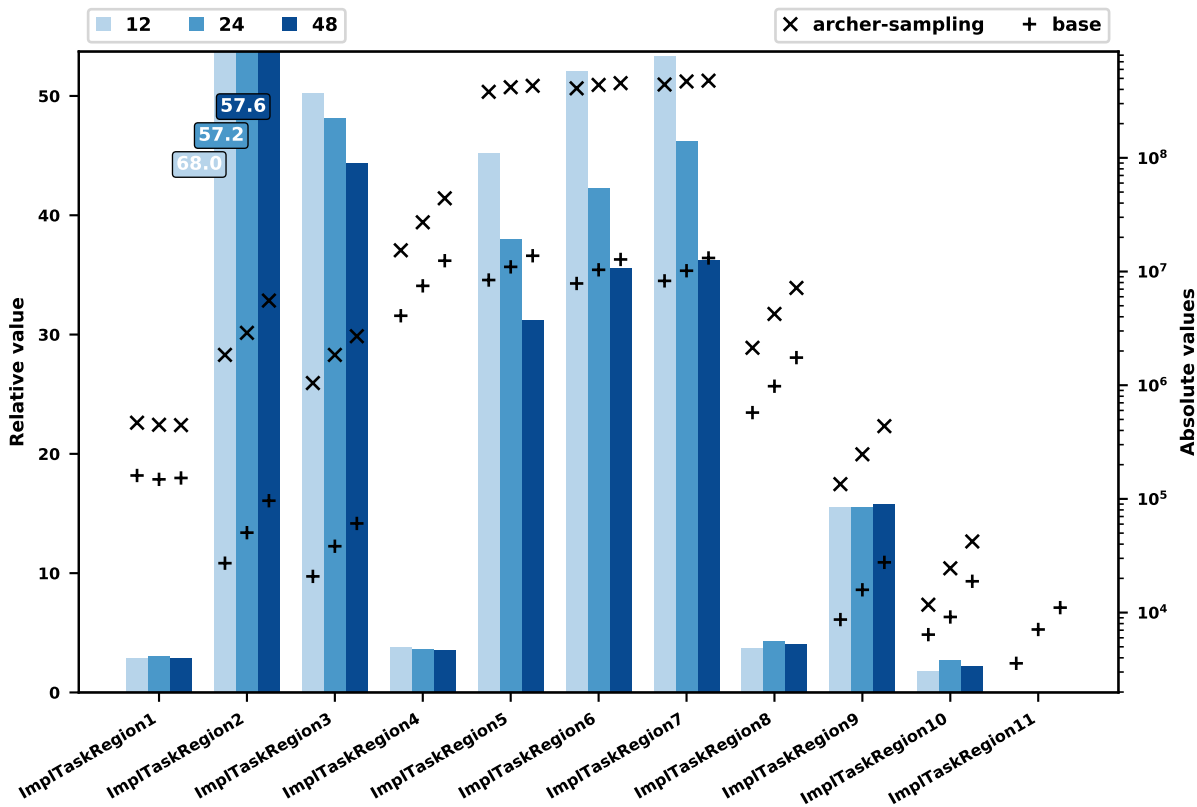
## B. Comparing 357.bt331-archer-noread variant with base for metric L2\_RQSTS:ALL\_CODE\_RD



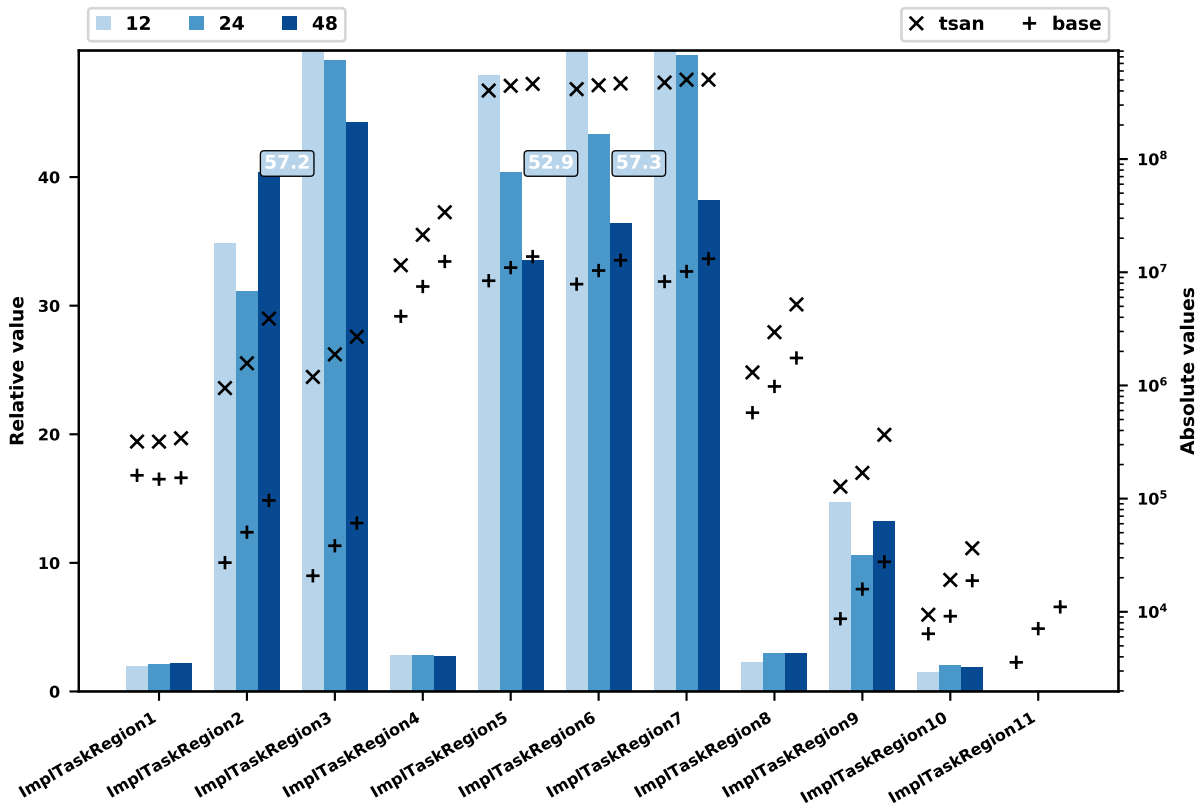
**B. Comparing 357.bt331-tsan-sampling variant with base  
for metric L2\_RQSTS:ALL\_CODE\_RD**



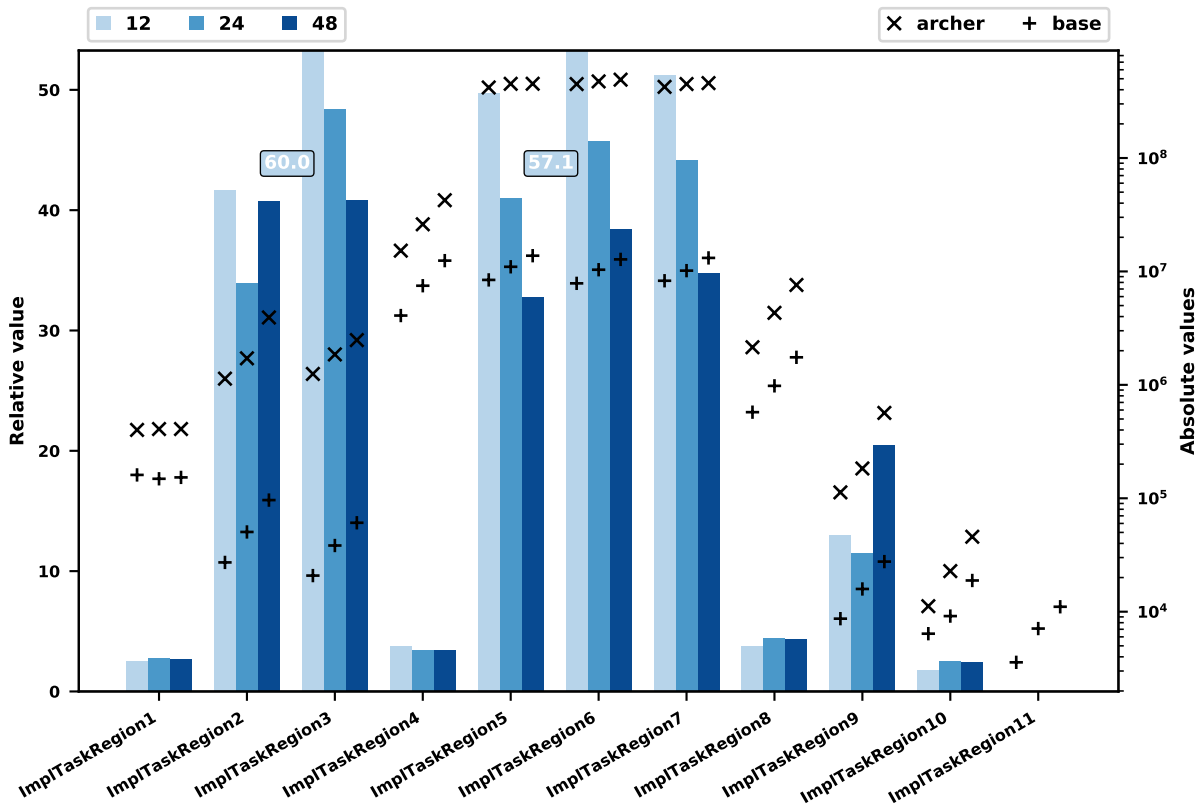
## B. Comparing 357.bt331-archer-sampling variant with base for metric L2\_RQSTS:ALL\_CODE\_RD



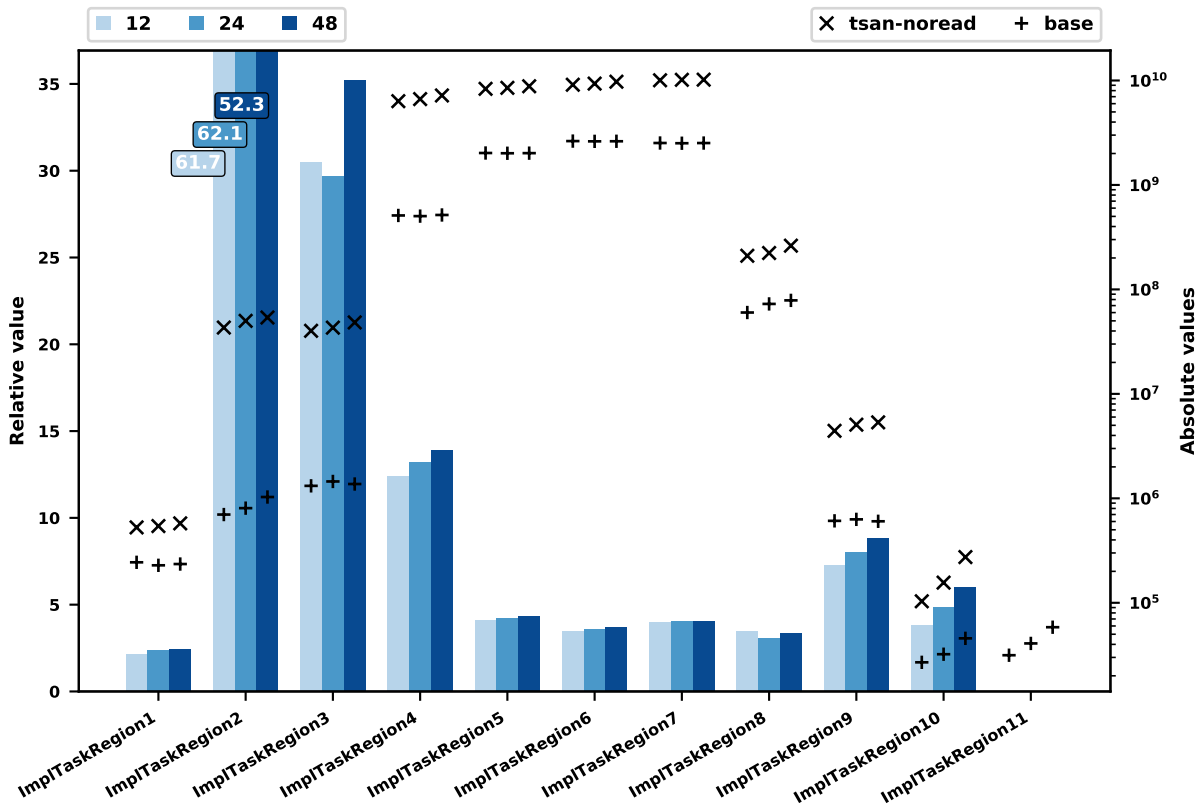
## B. Comparing 357.bt331-tsan variant with base for metric L2\_RQSTS:ALL\_CODE\_RD



## B. Comparing 357.bt331-archer variant with base for metric L2\_RQSTS:ALL\_CODE\_RD

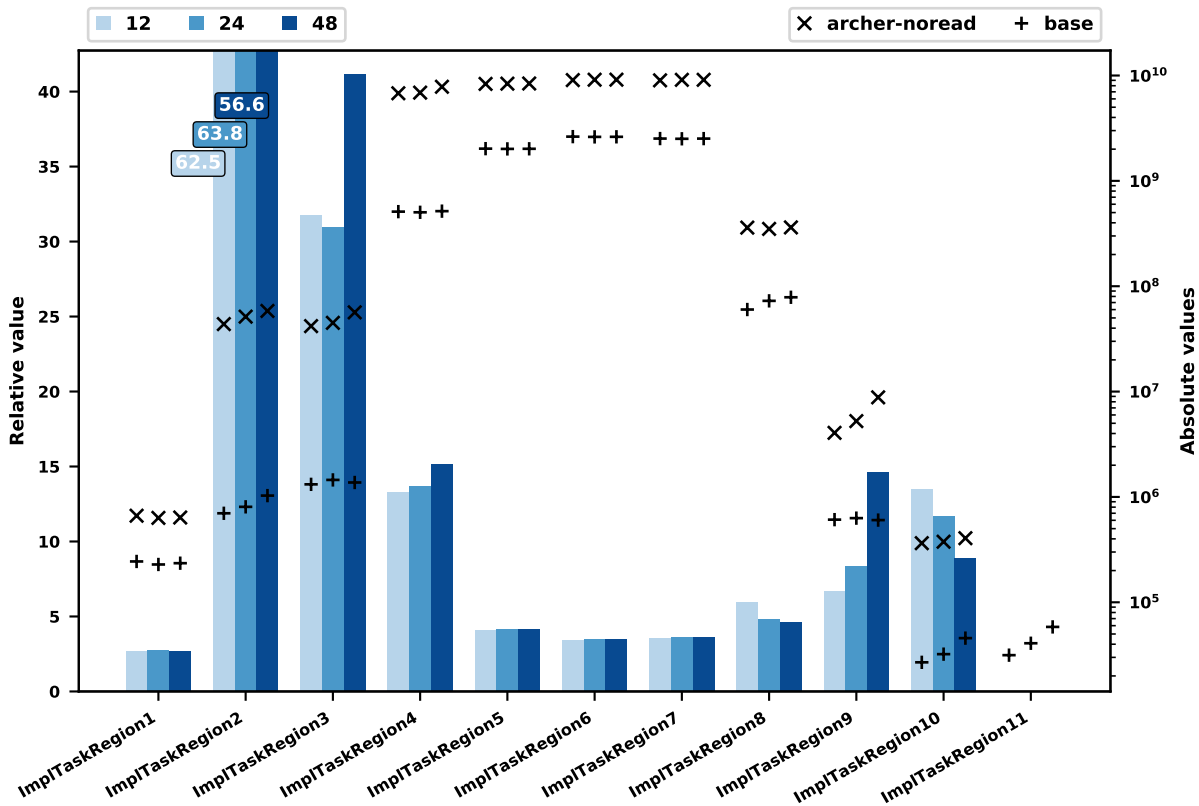


**B. Comparing 357.bt331-tsan-noread variant with base  
for metric L2\_RQSTS:ALL\_DEMAND\_REFERENCES**

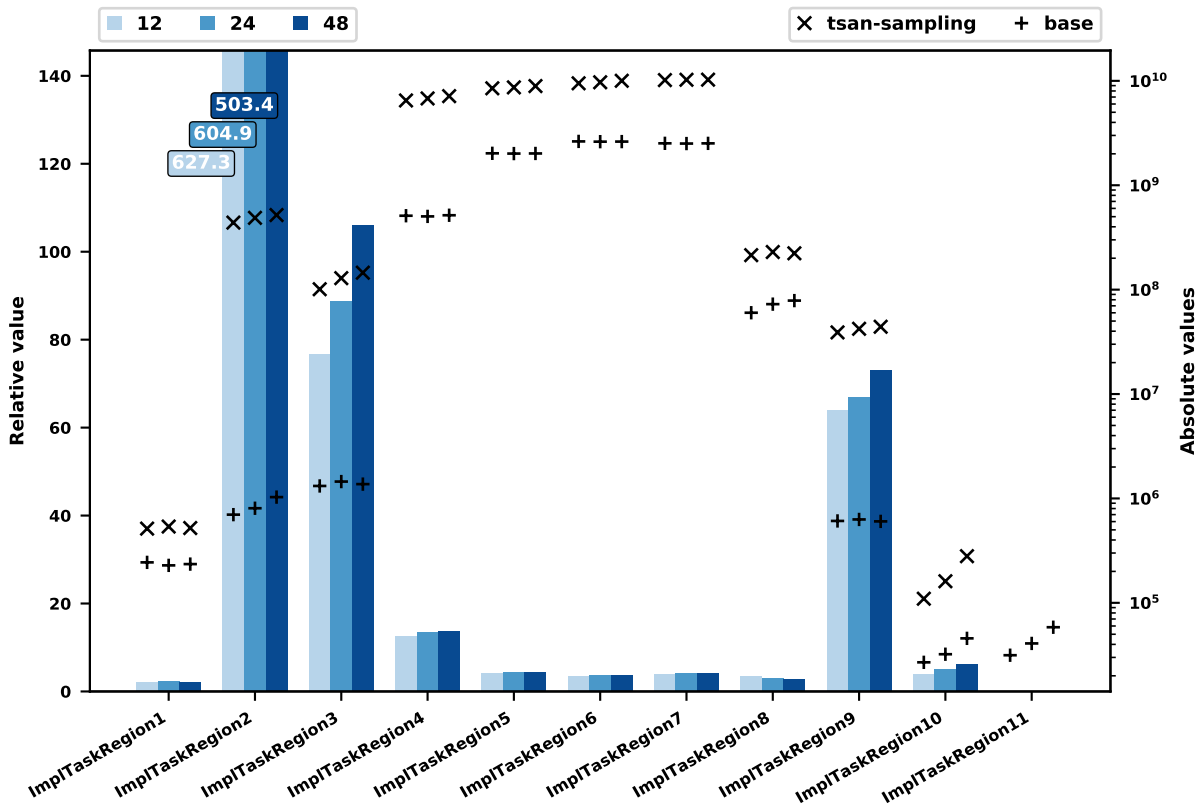




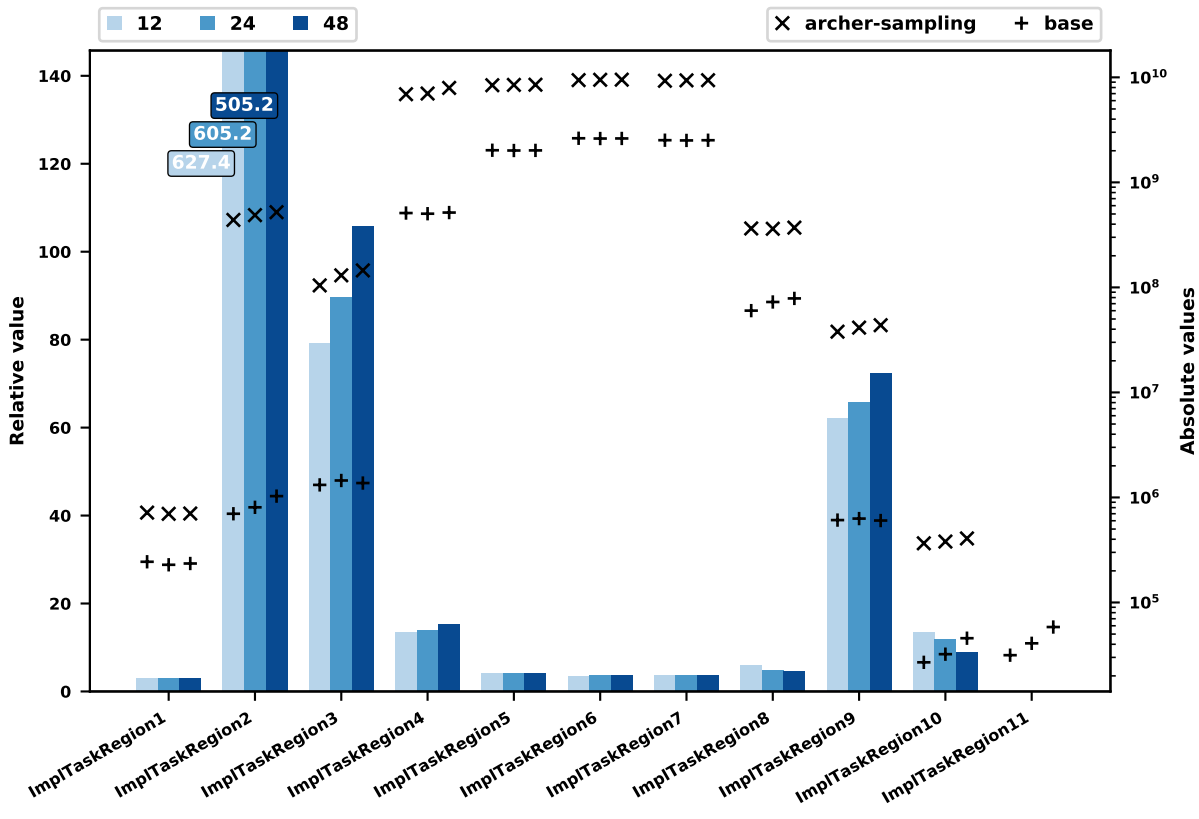
## B. Comparing 357.bt331-archer-noread variant with base for metric L2\_RQSTS:ALL\_DEMAND\_REFERENCES



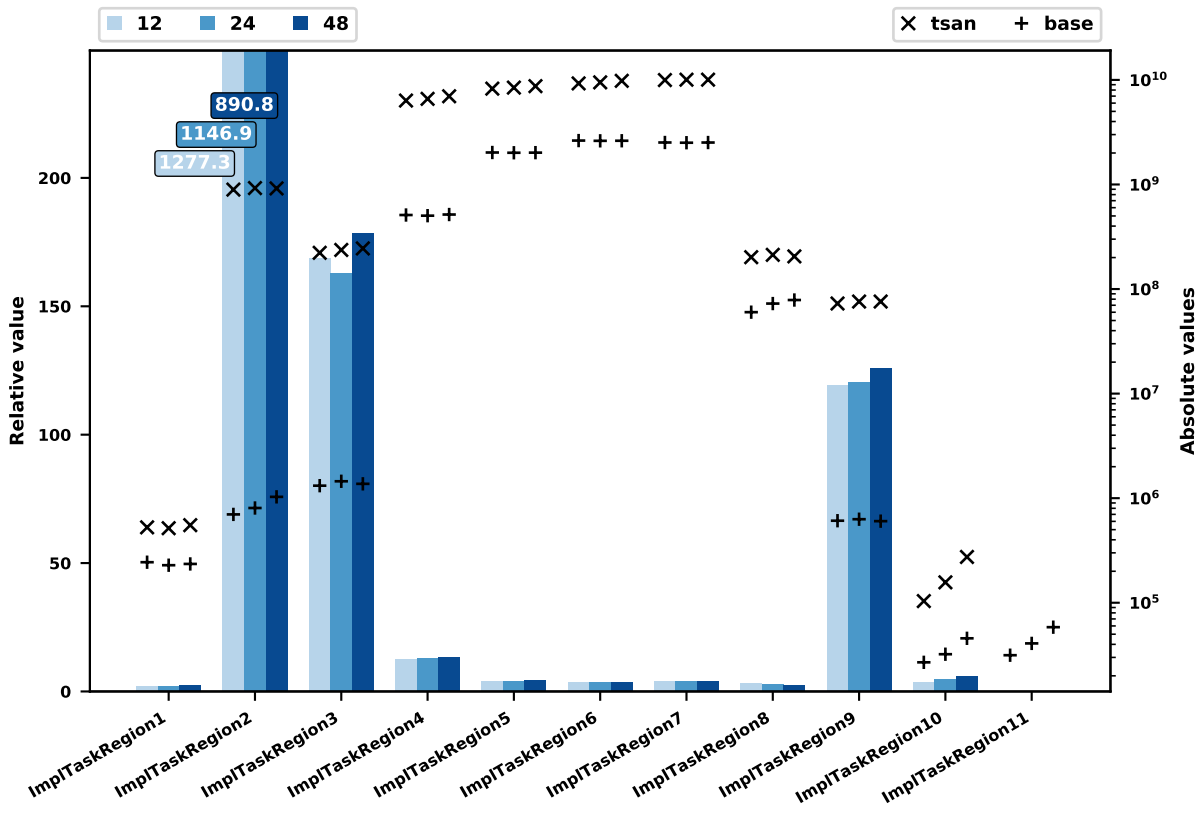
## B. Comparing 357.bt331-tsan-sampling variant with base for metric L2\_RQSTS:ALL\_DEMAND\_REFERENCES



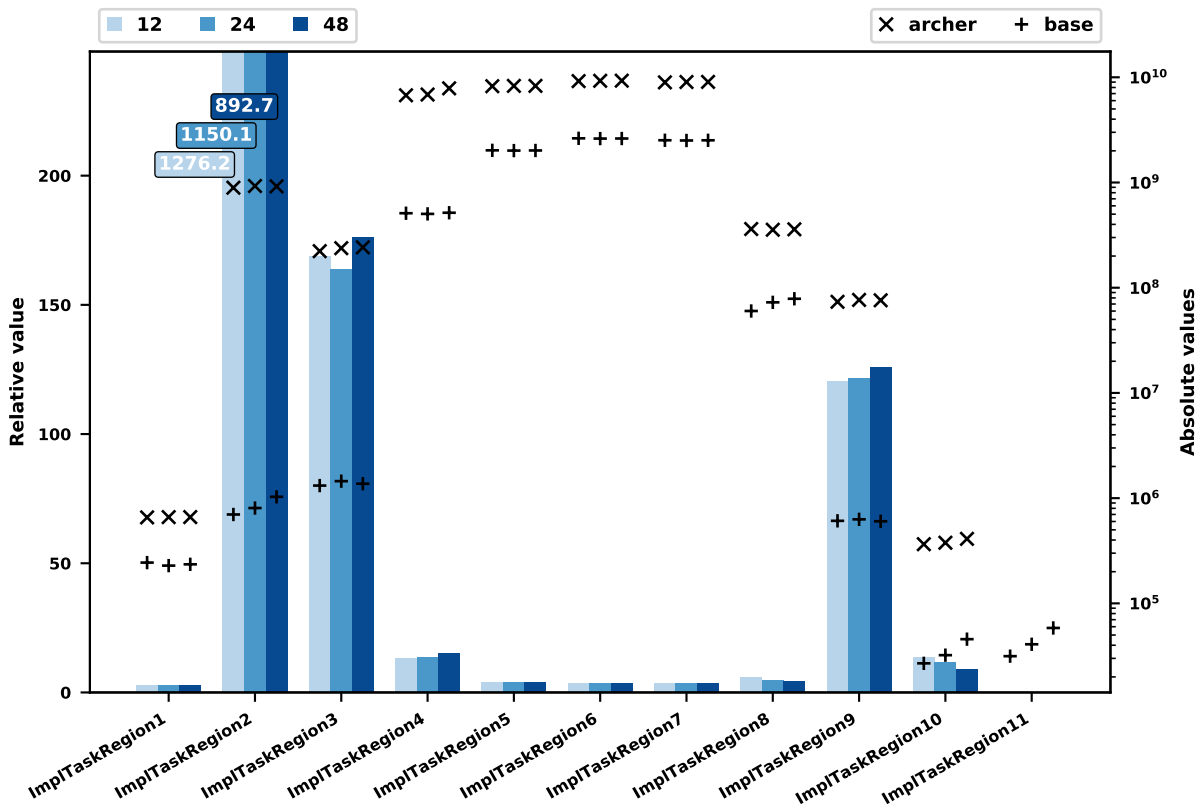
## B. Comparing 357.bt331-archer-sampling variant with base for metric L2\_RQSTS:ALL\_DEMAND\_REFERENCES



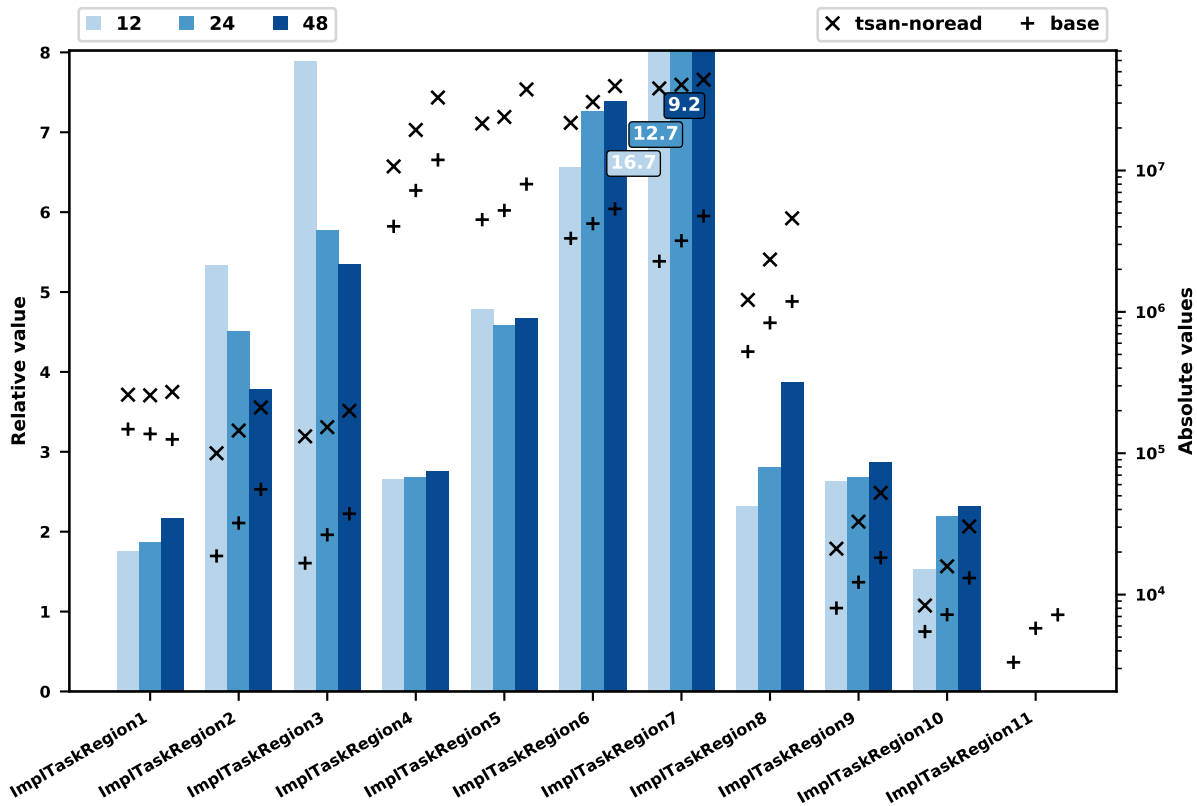
## B. Comparing 357.bt331-tsan variant with base for metric L2\_RQSTS:ALL\_DEMAND\_REFERENCES



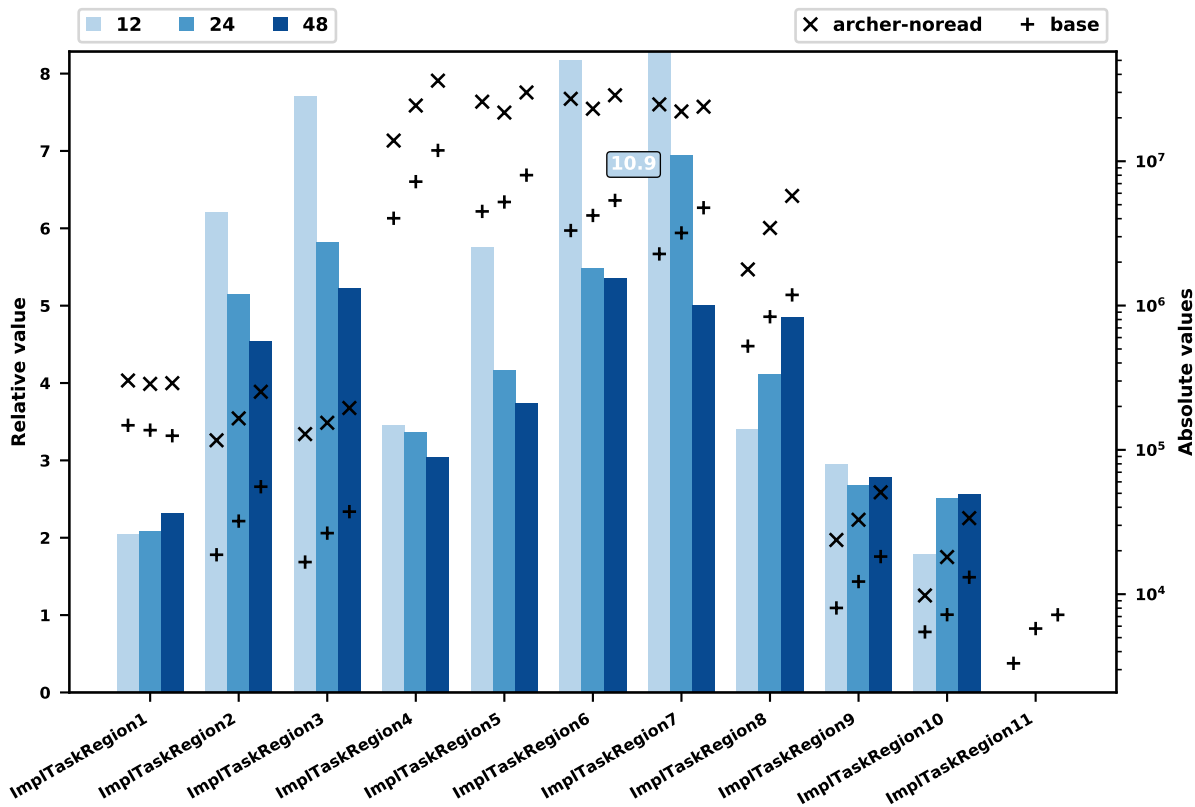
## B. Comparing 357.bt331-archer variant with base for metric L2\_RQSTS:ALL\_DEMAND\_REFERENCES



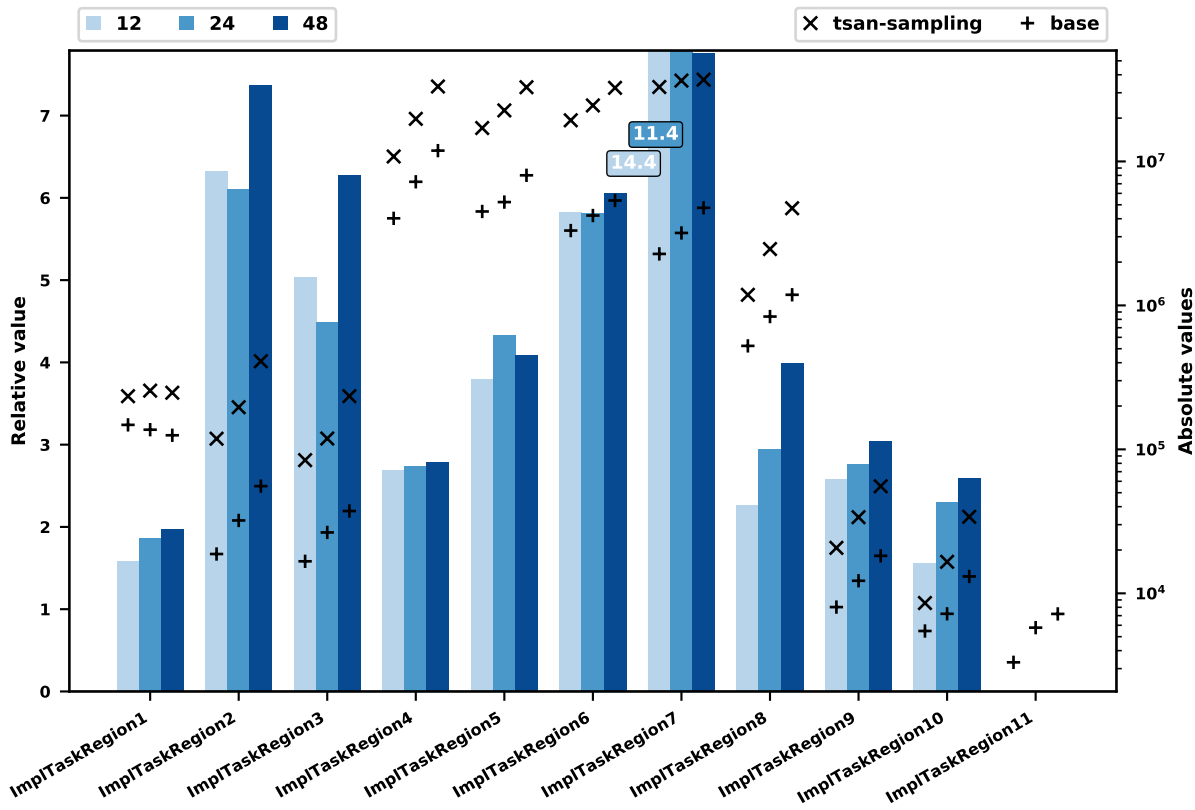
**B. Comparing 357.bt331-tsan-noread variant with base  
for metric L2\_RQSTS:CODE\_RD\_MISS**



**B. Comparing 357.bt331-archer-noread variant with base  
for metric L2\_RQSTS:CODE\_RD\_MISS**

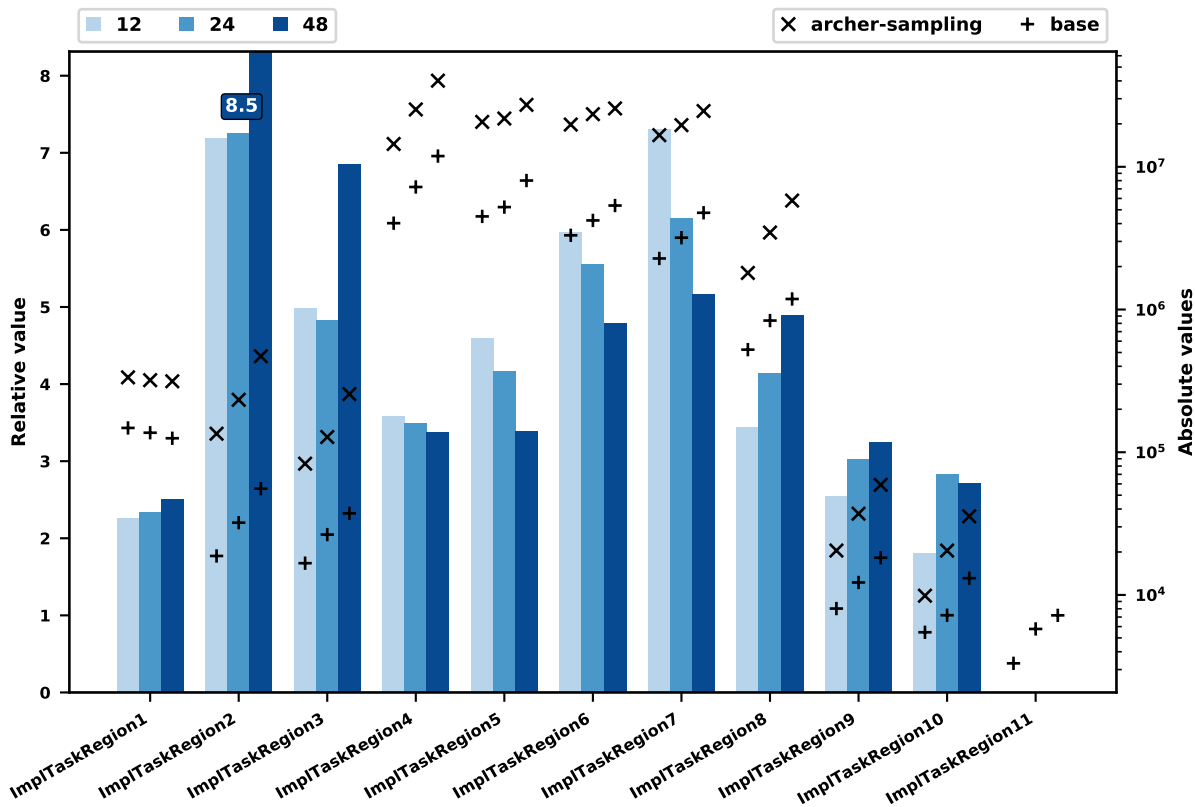


**B. Comparing 357.bt331-tsan-sampling variant with base  
for metric L2\_RQSTS:CODE\_RD\_MISS**

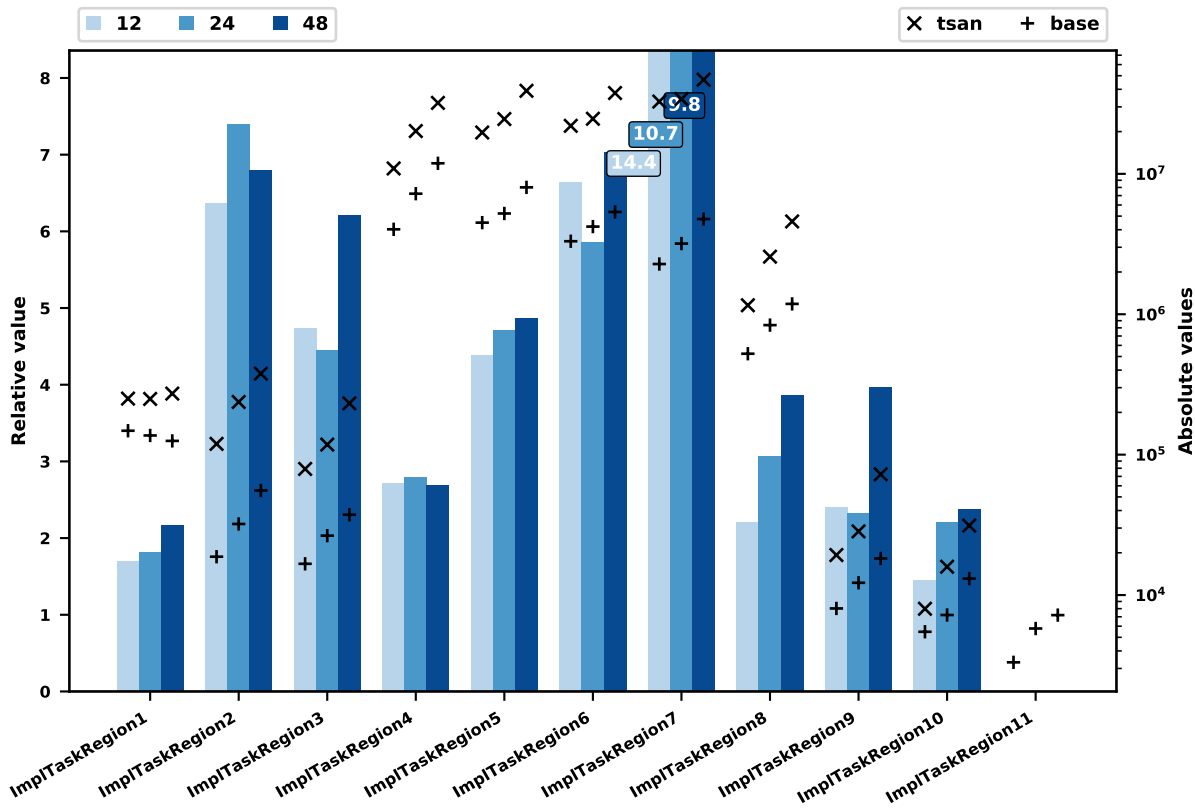




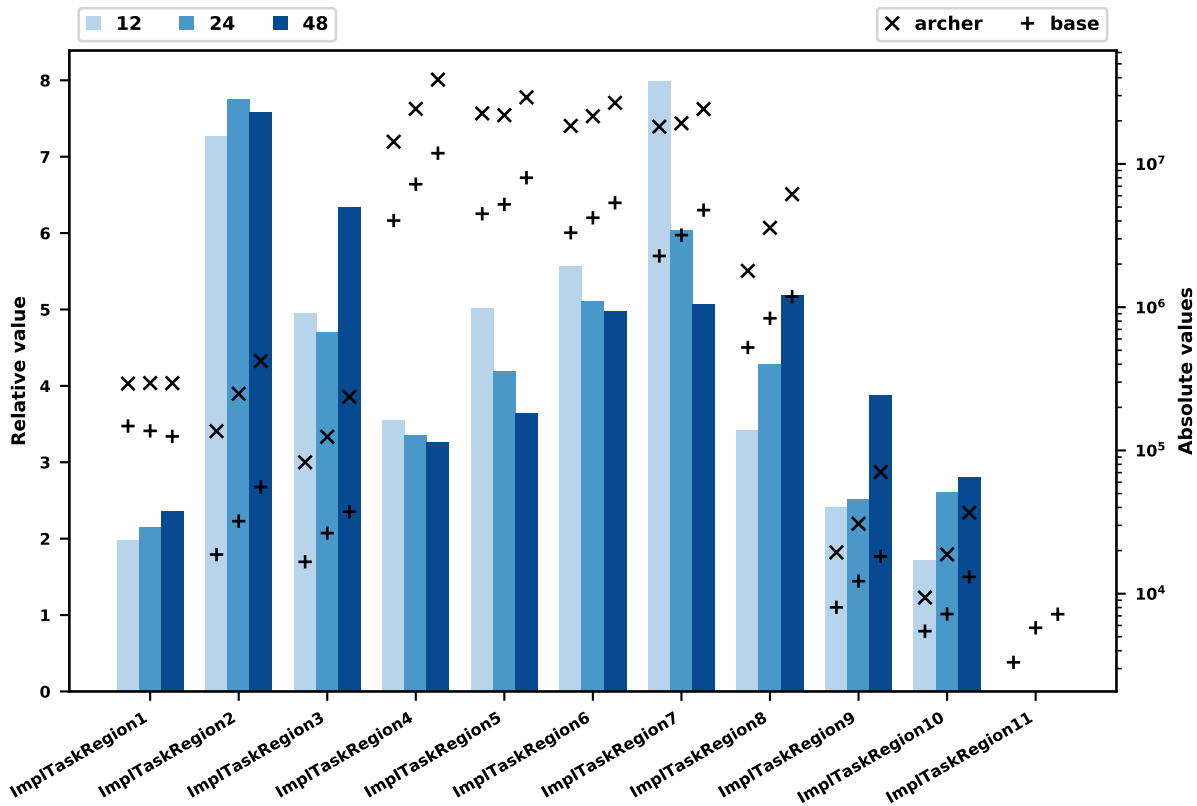
**B. Comparing 357.bt331-archer-sampling variant with base  
for metric L2\_RQSTS:CODE\_RD\_MISS**



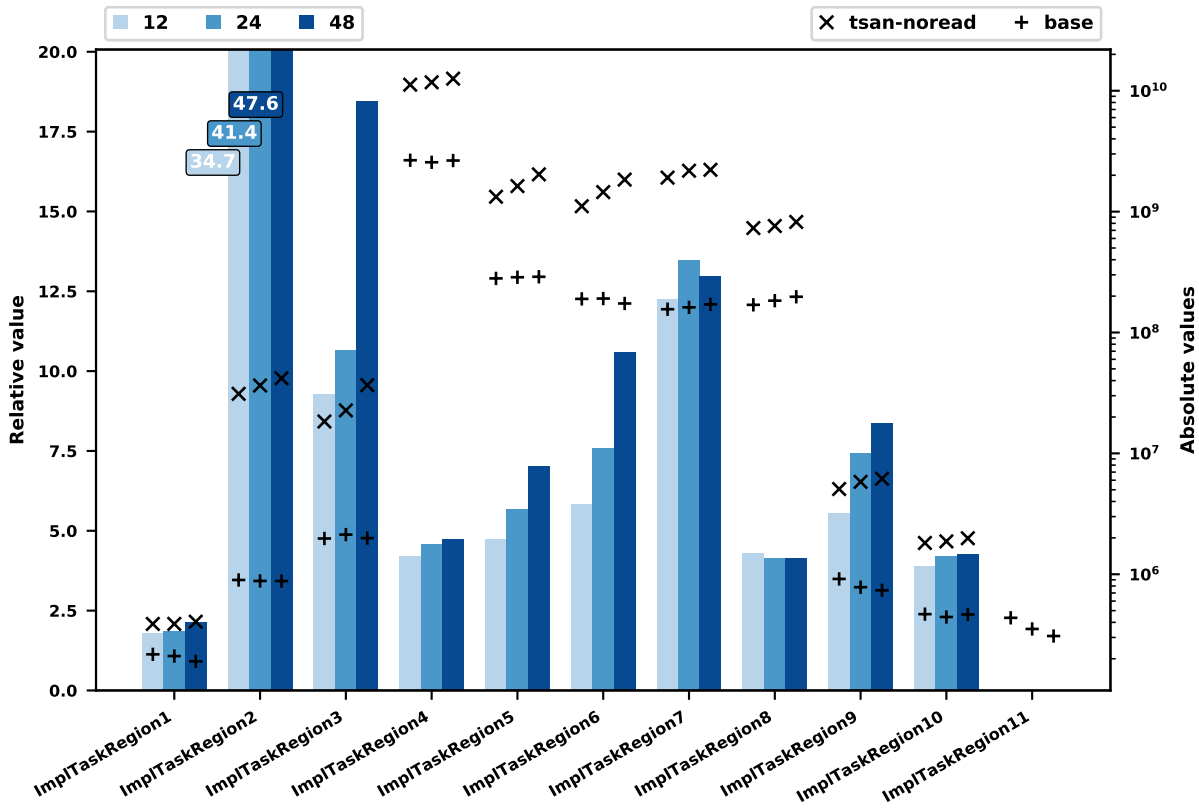
**B. Comparing 357.bt331-tsan variant with base  
for metric L2\_RQSTS:CODE\_RD\_MISS**



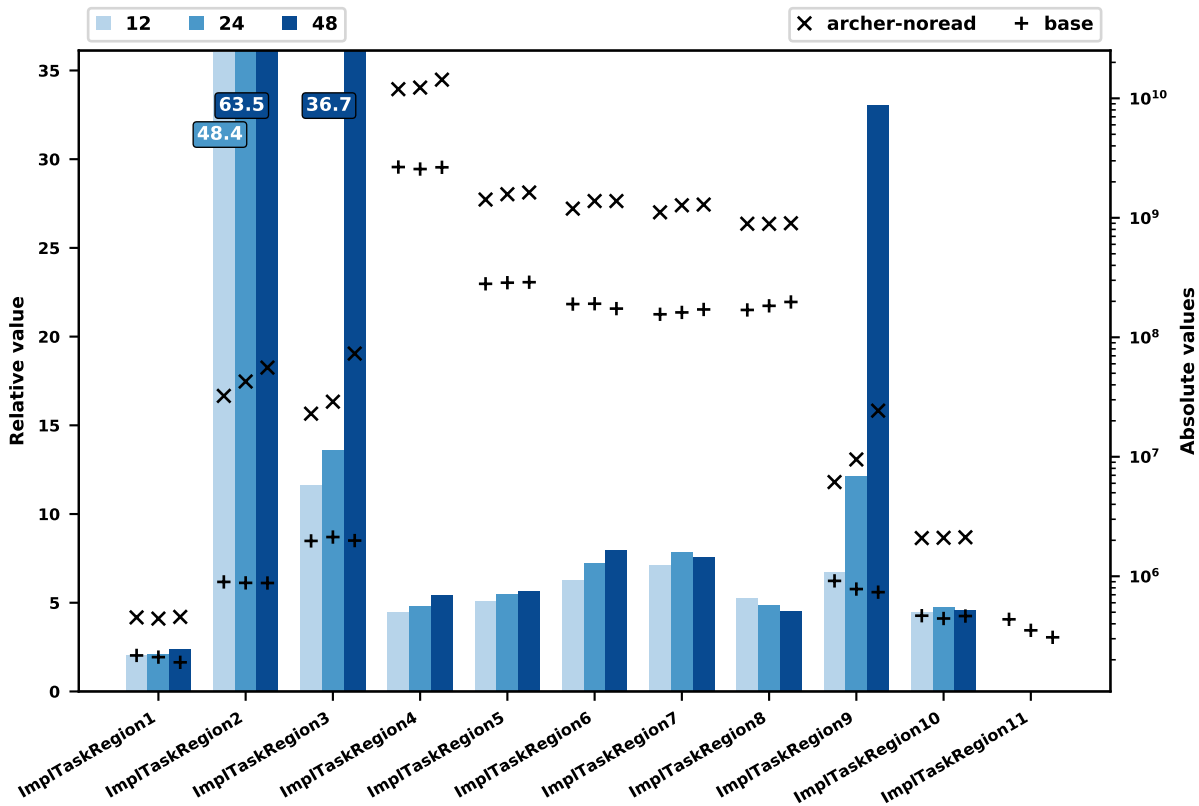
## B. Comparing 357.bt331-archer variant with base for metric L2\_RQSTS:CODE\_RD\_MISS



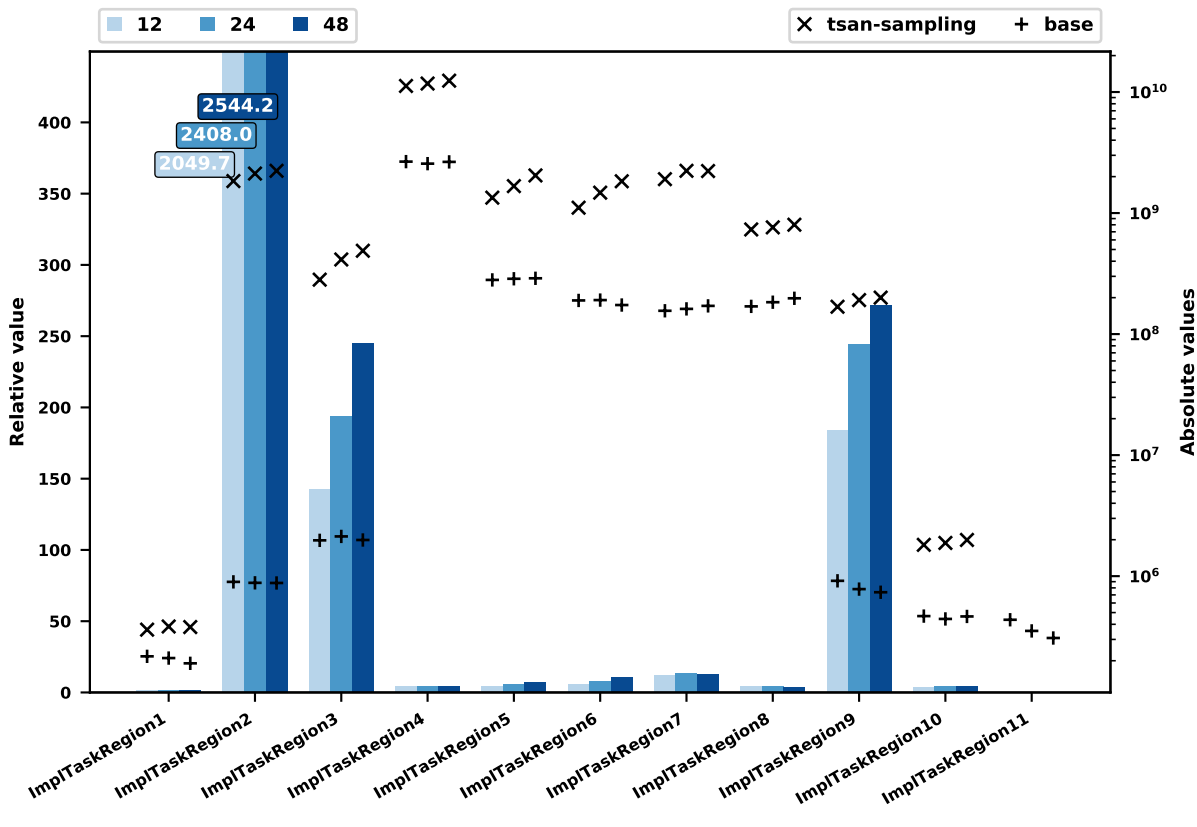
**B. Comparing 357.bt331-tsan-noread variant with base for metric LLC\_REFERENCES**



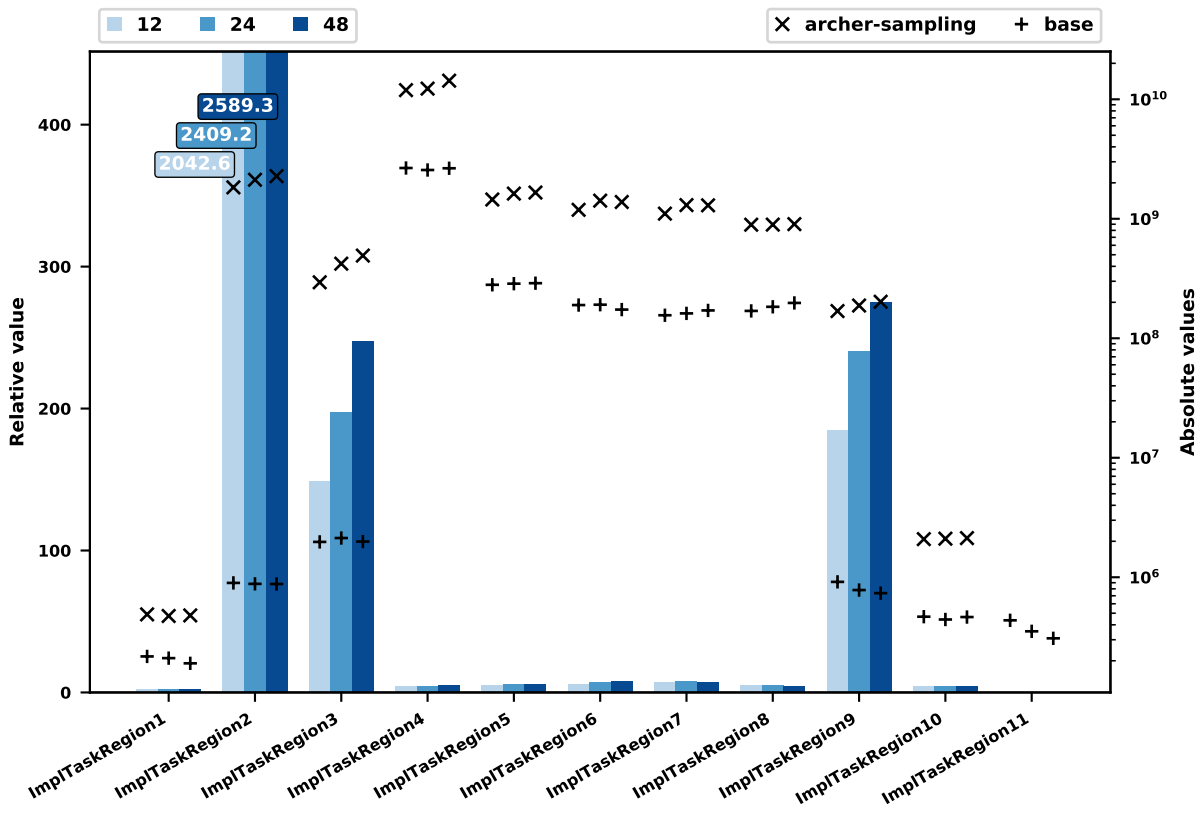
**B. Comparing 357.bt331-archer-noread variant with base  
for metric LLC\_REFERENCES**



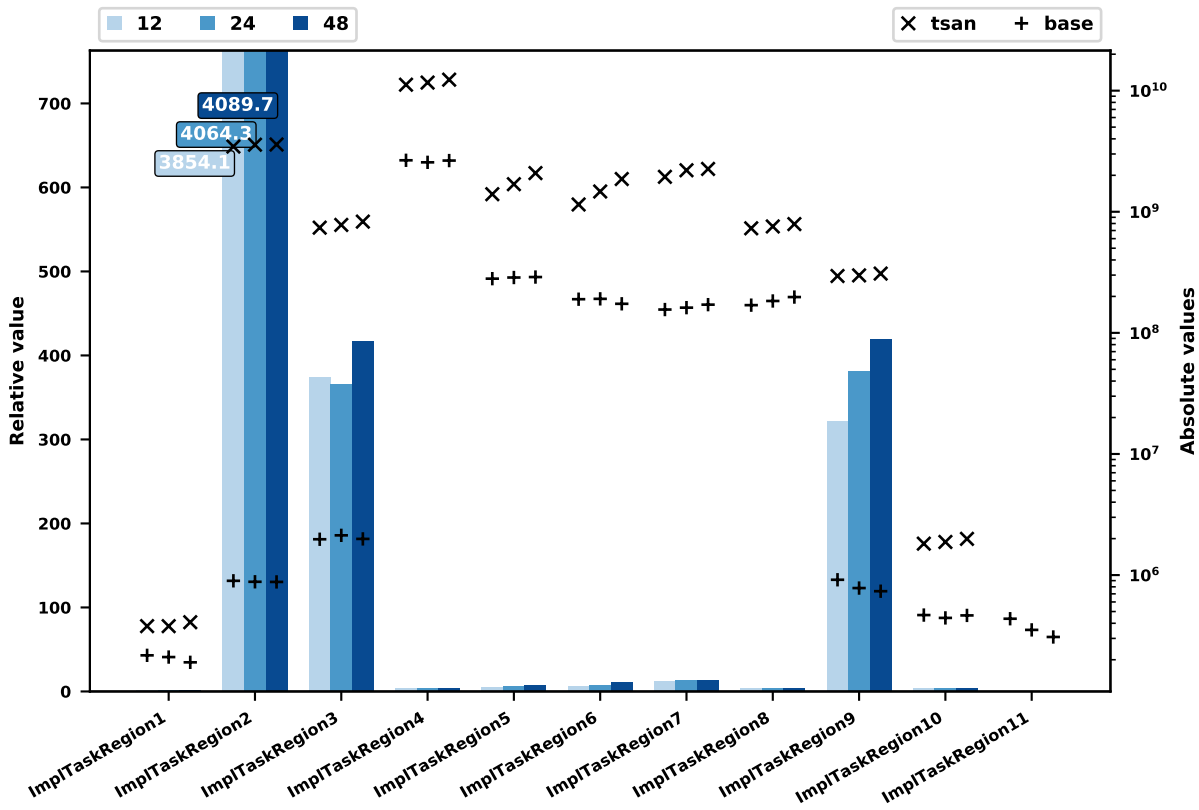
## B. Comparing 357.bt331-tsan-sampling variant with base for metric LLC\_REFERENCES



## B. Comparing 357.bt331-archer-sampling variant with base for metric LLC\_REFERENCES

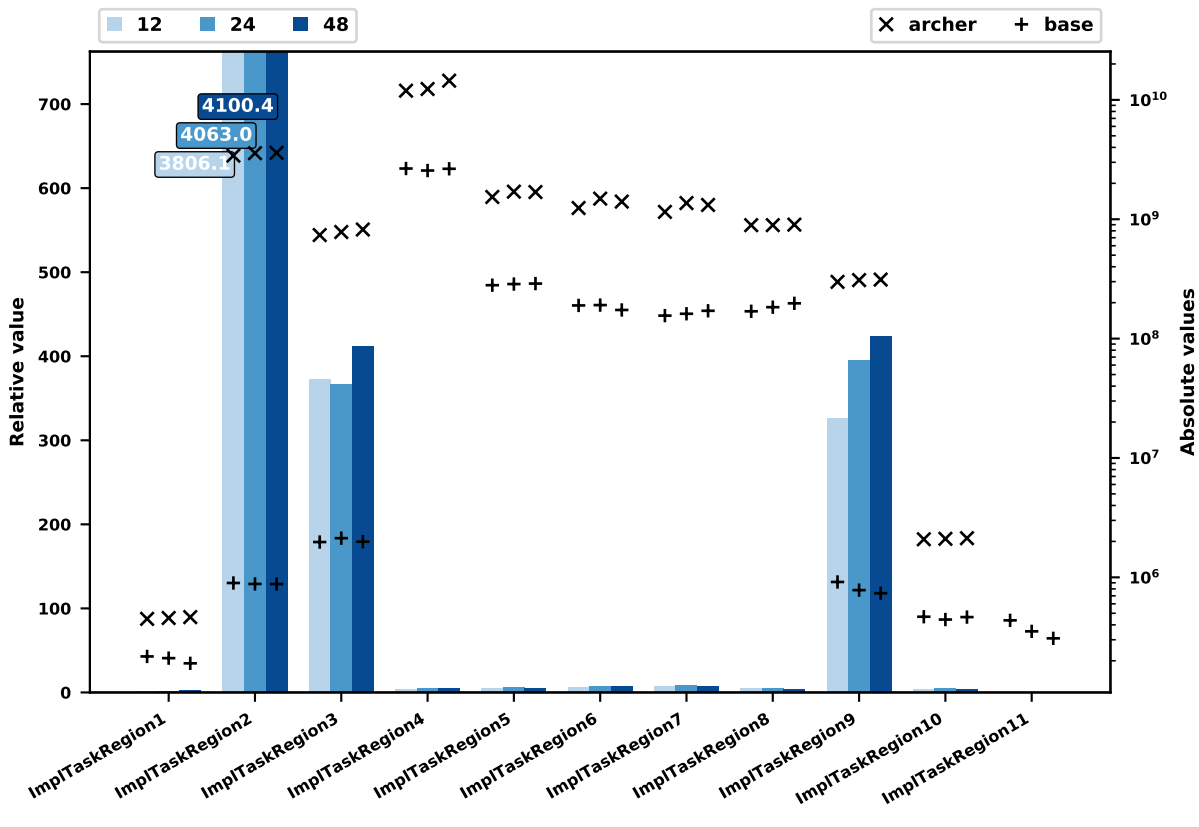


## B. Comparing 357.bt331-tsan variant with base for metric LLC\_REFERENCES

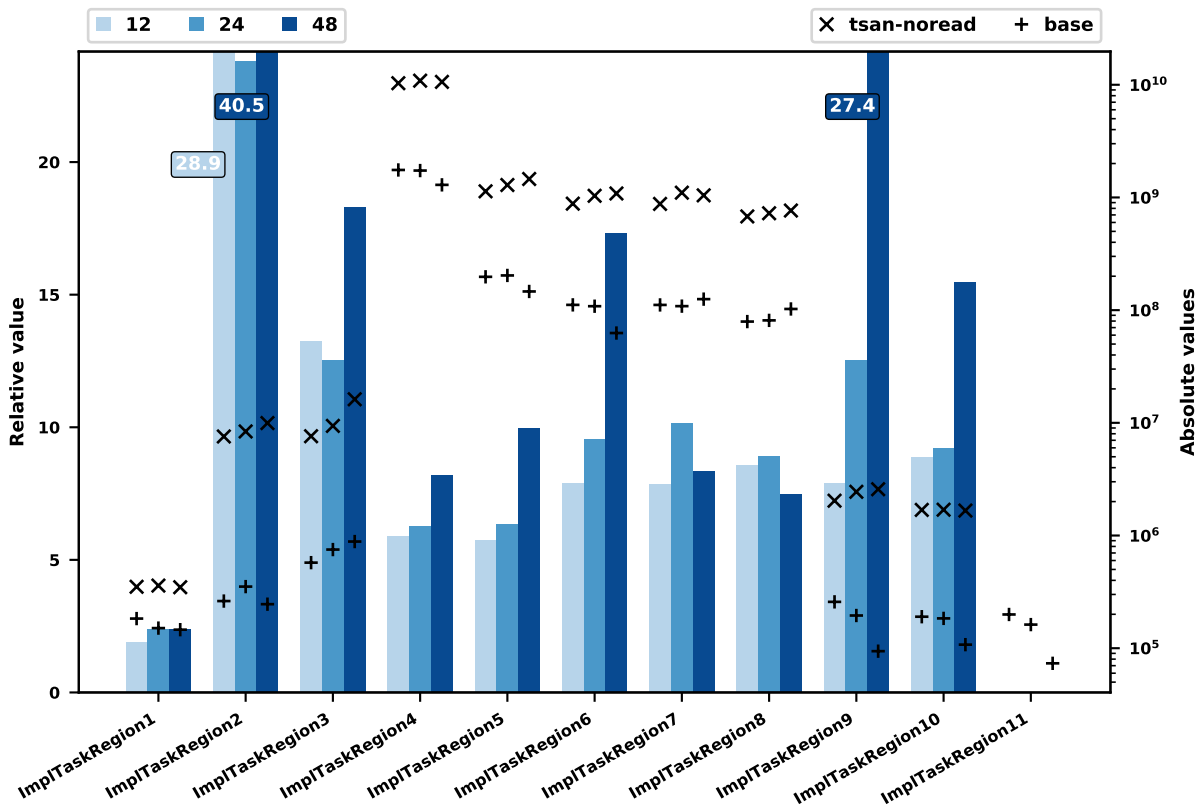




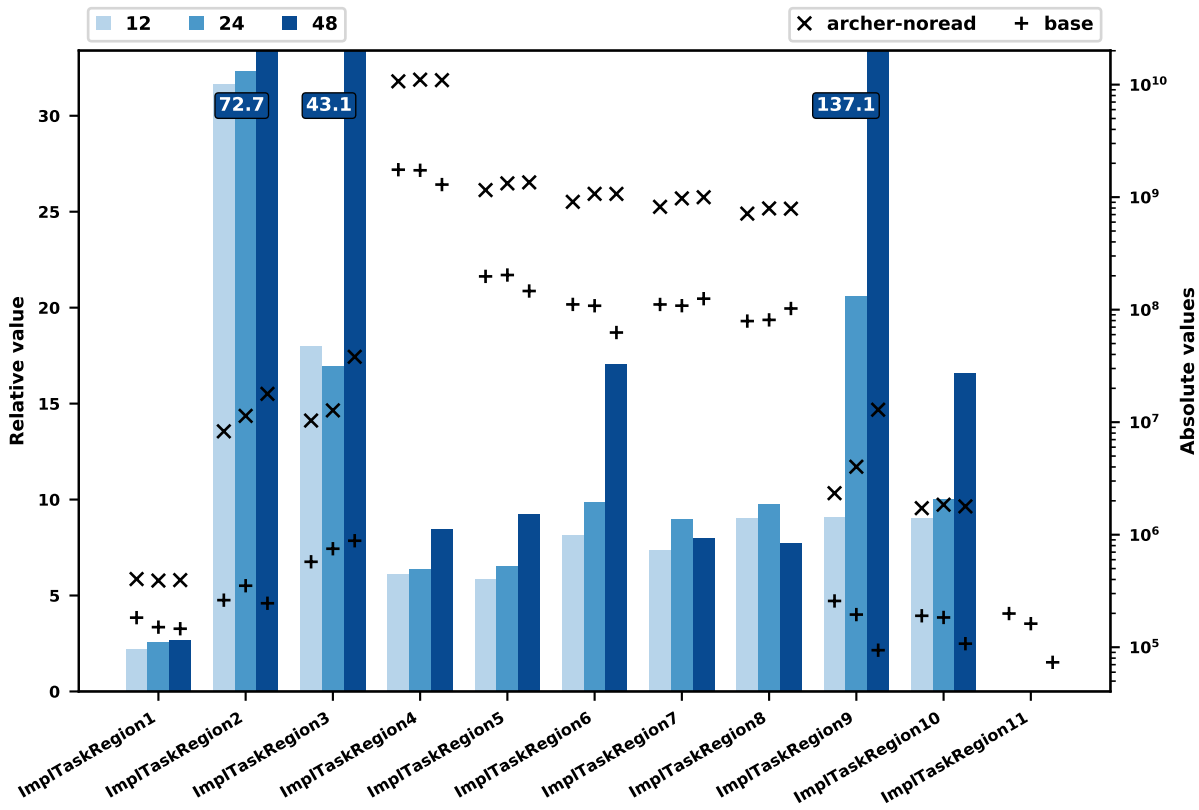
## B. Comparing 357.bt331-archer variant with base for metric LLC\_REFERENCES



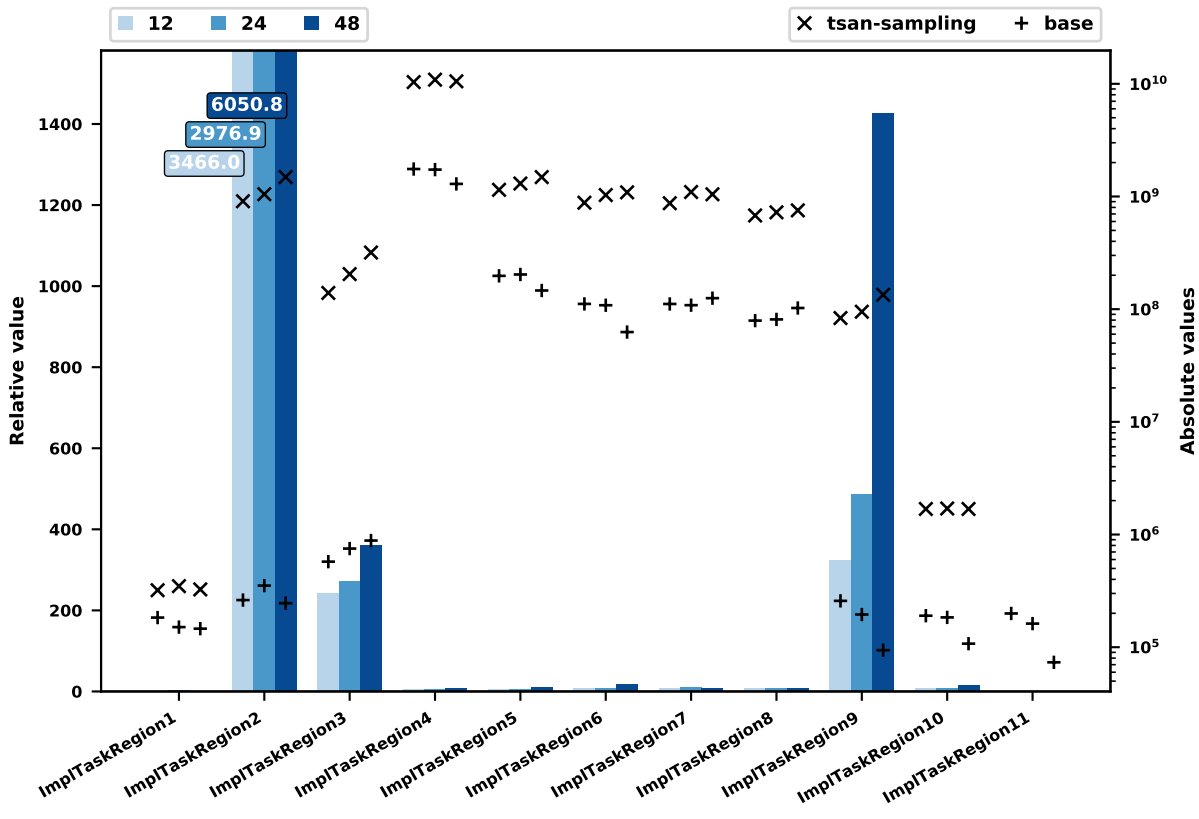
**B. Comparing 357.bt331-tsan-noread variant with base  
for metric LLC\_MISSES**



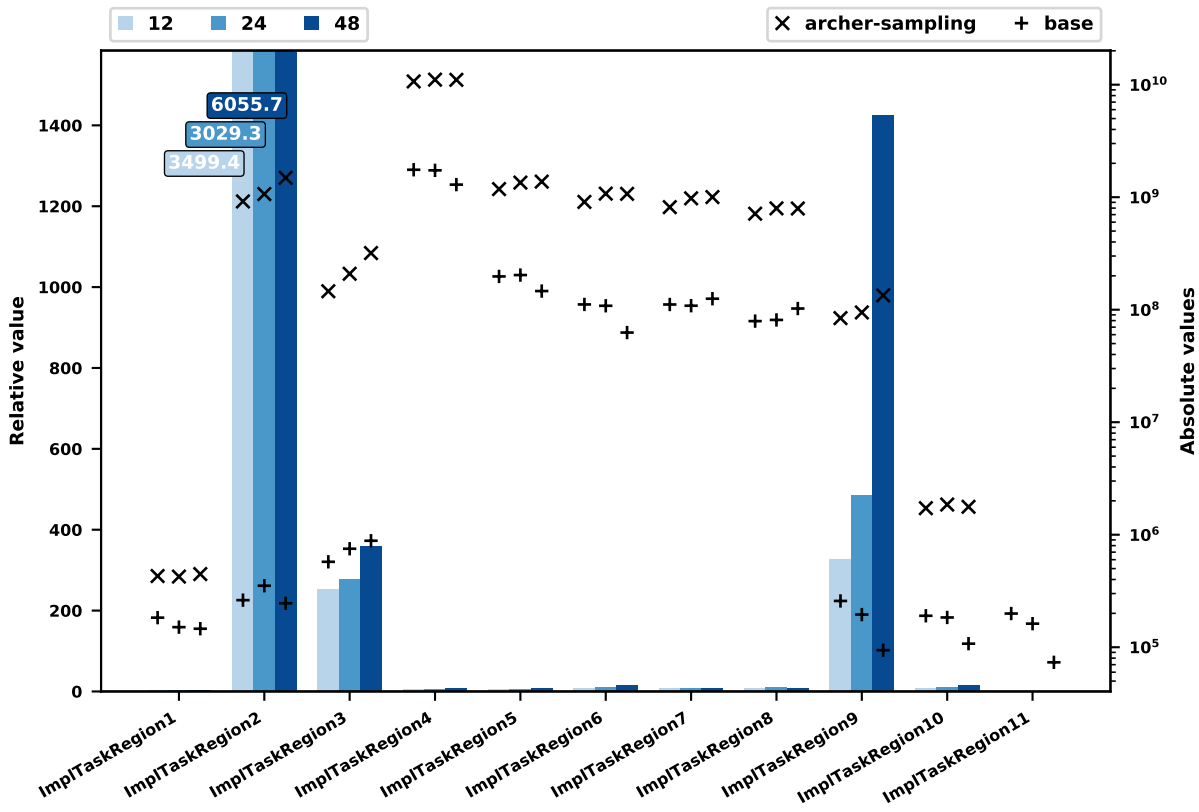
**B. Comparing 357.bt331-archer-noread variant with base  
for metric LLC\_MISSES**



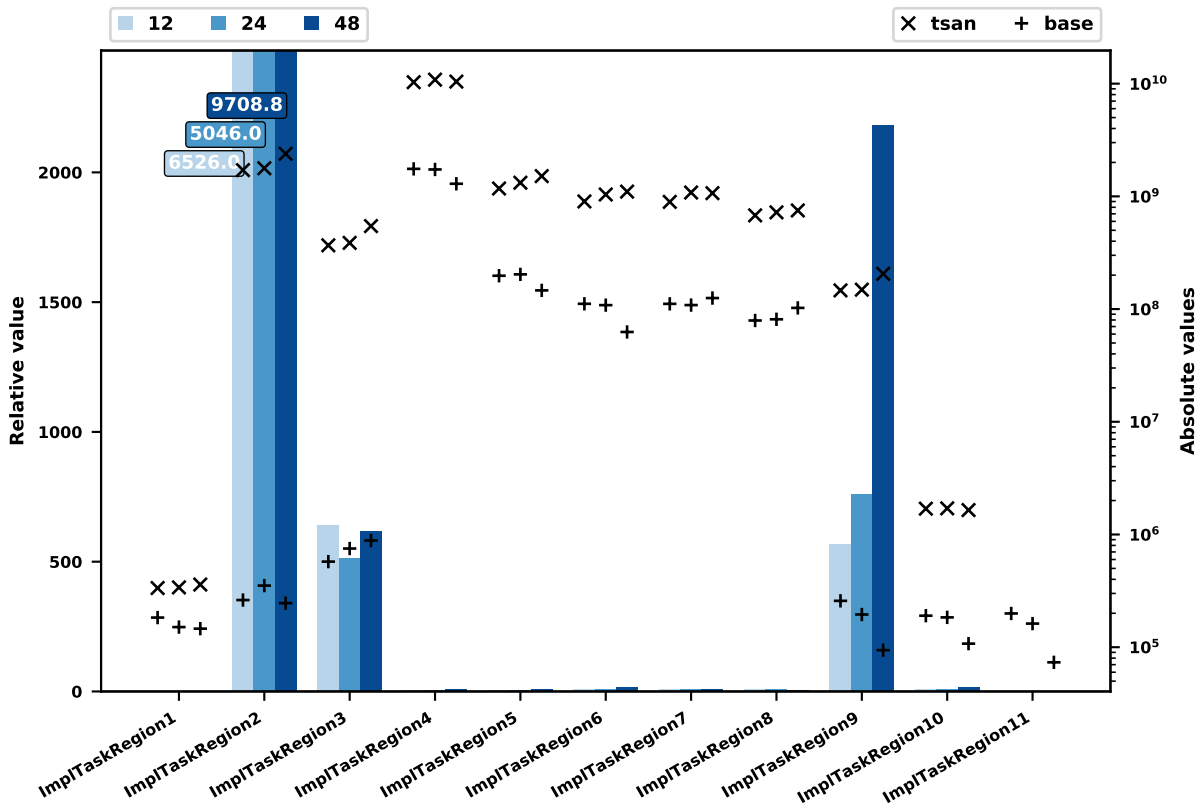
**B. Comparing 357.bt331-tsan-sampling variant with base  
for metric LLC\_MISSES**



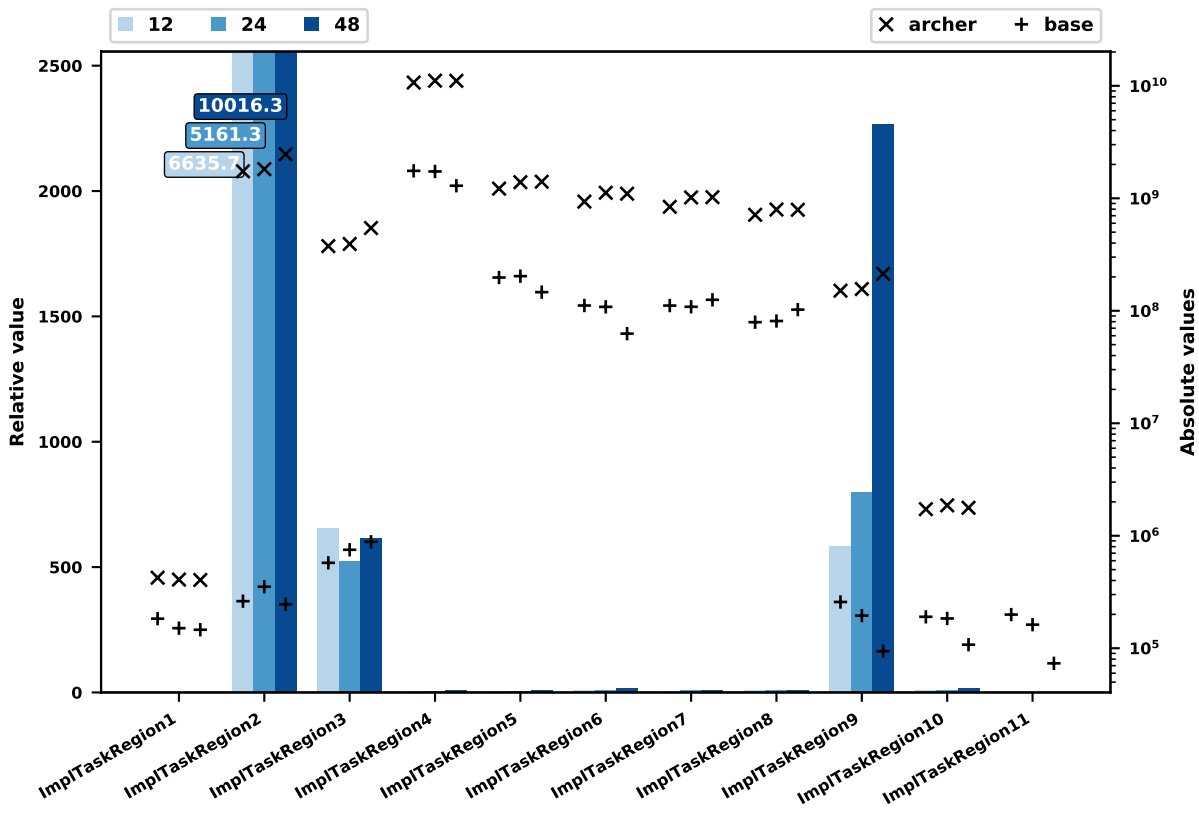
## B. Comparing 357.bt331-archer-sampling variant with base for metric LLC\_MISSES



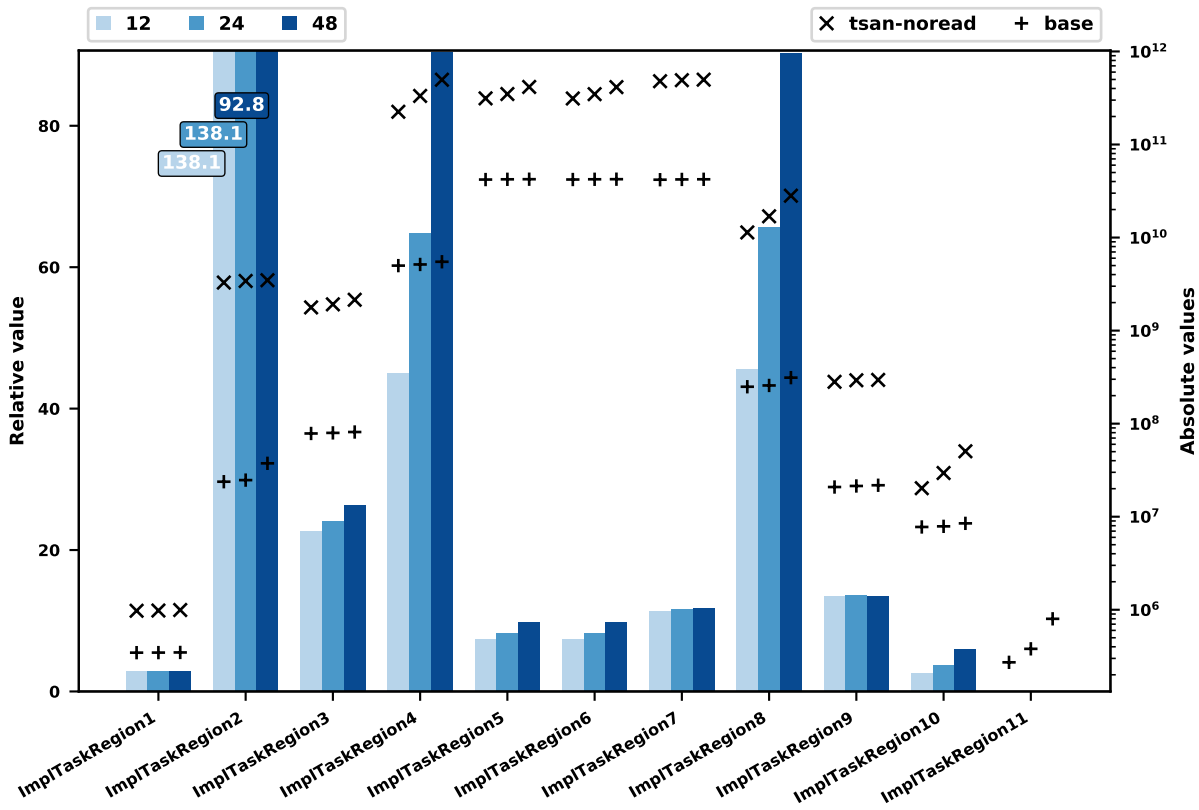
**B. Comparing 357.bt331-tsan variant with base  
for metric LLC\_MISSES**



## B. Comparing 357.bt331-archer variant with base for metric LLC\_MISSES

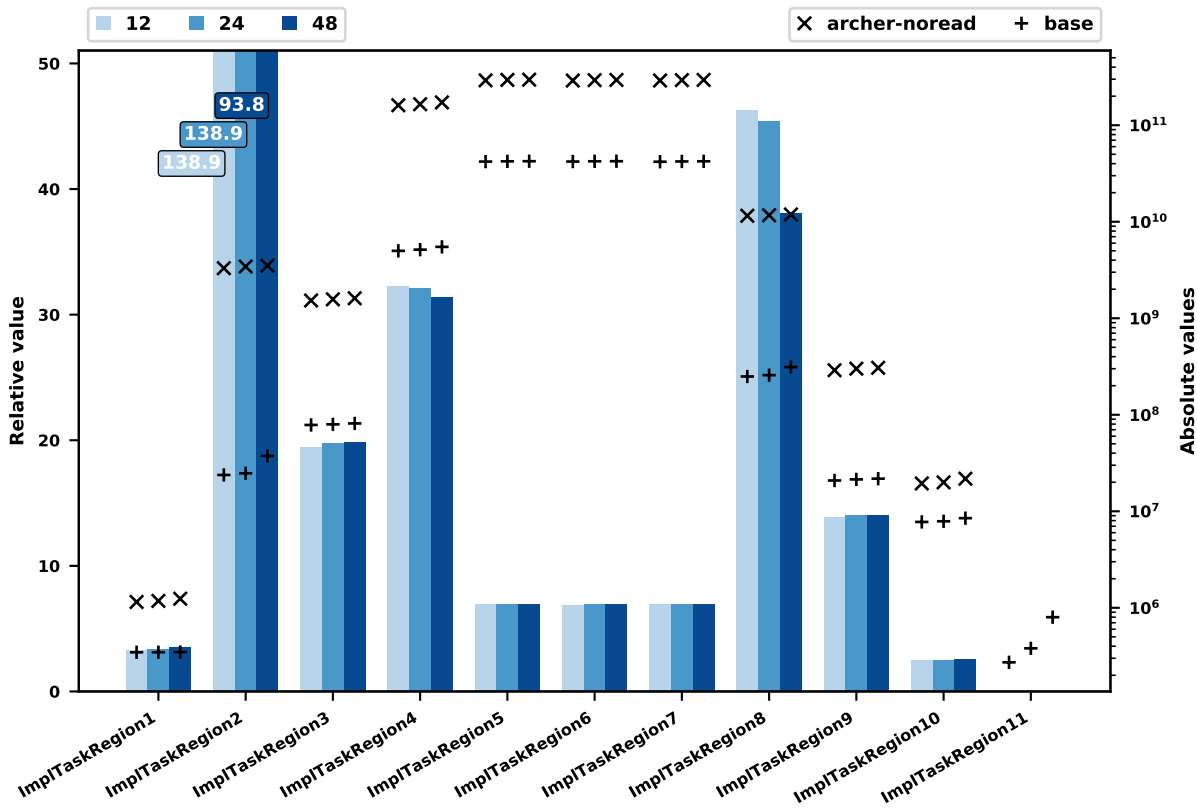


# **B. Comparing 357.bt331-tsan-noread variant with base for metric L1D\_W\_A = L1D\_W\_H**

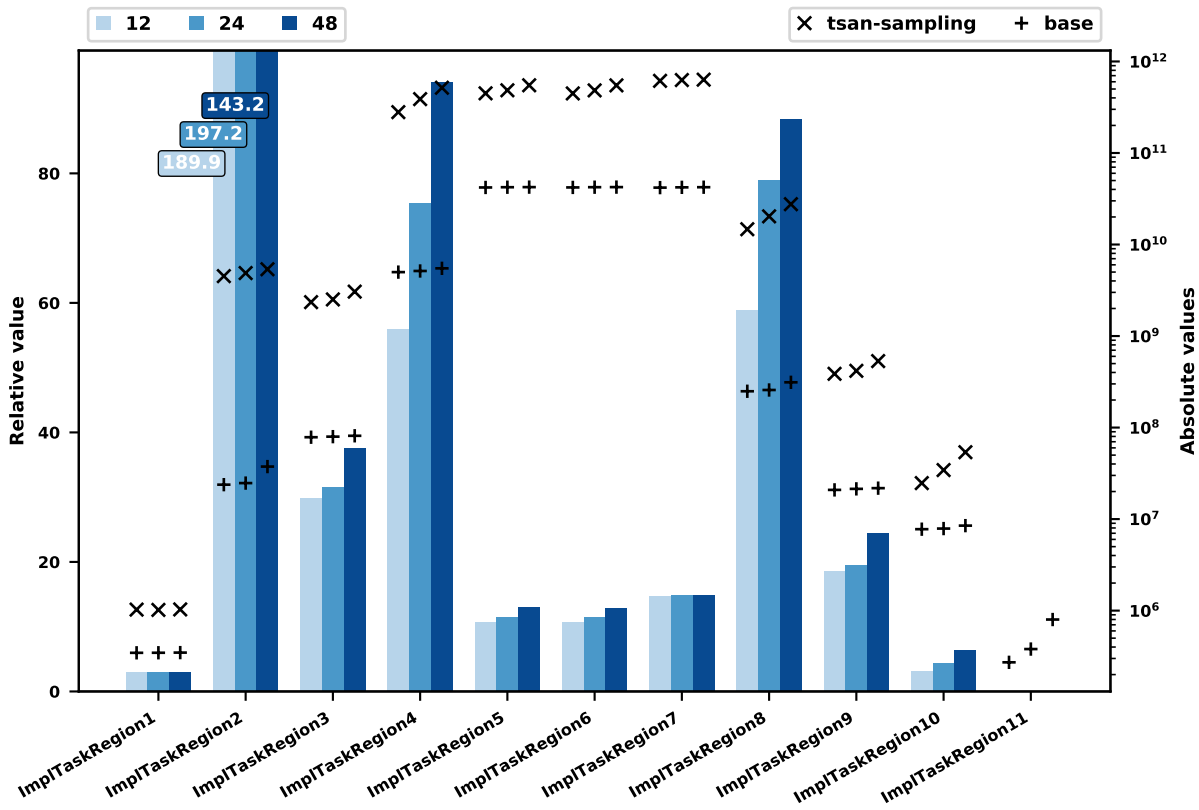




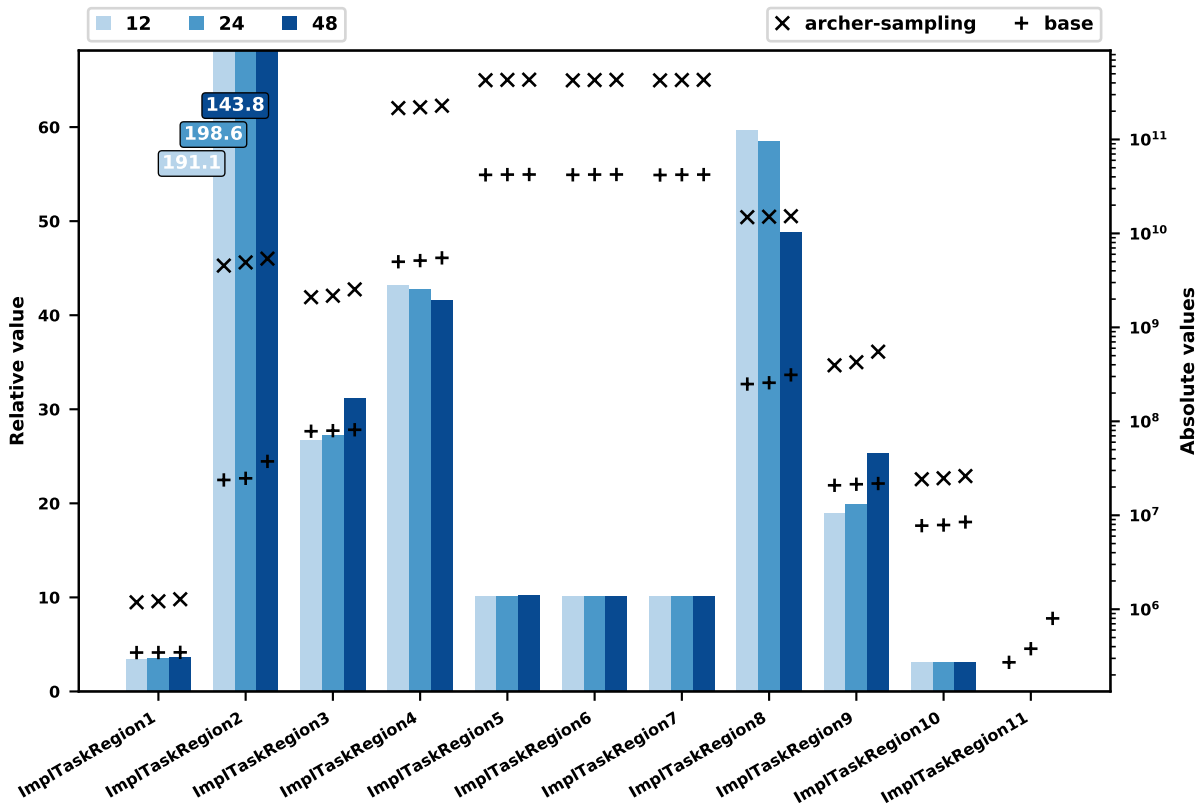
## B. Comparing 357.bt331-archer-noread variant with base for metric L1D\_W\_A = L1D\_W\_H



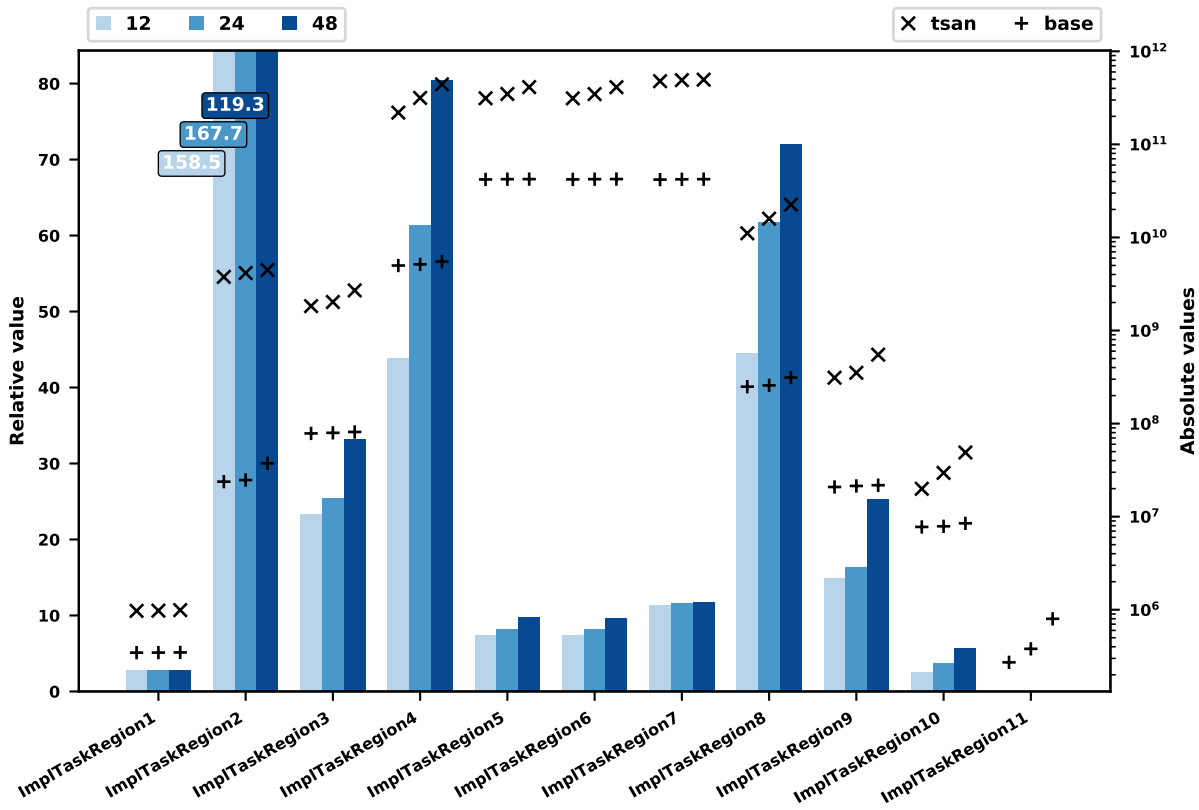
**B. Comparing 357.bt331-tsan-sampling variant with base  
for metric L1D\_W\_A = L1D\_W\_H**



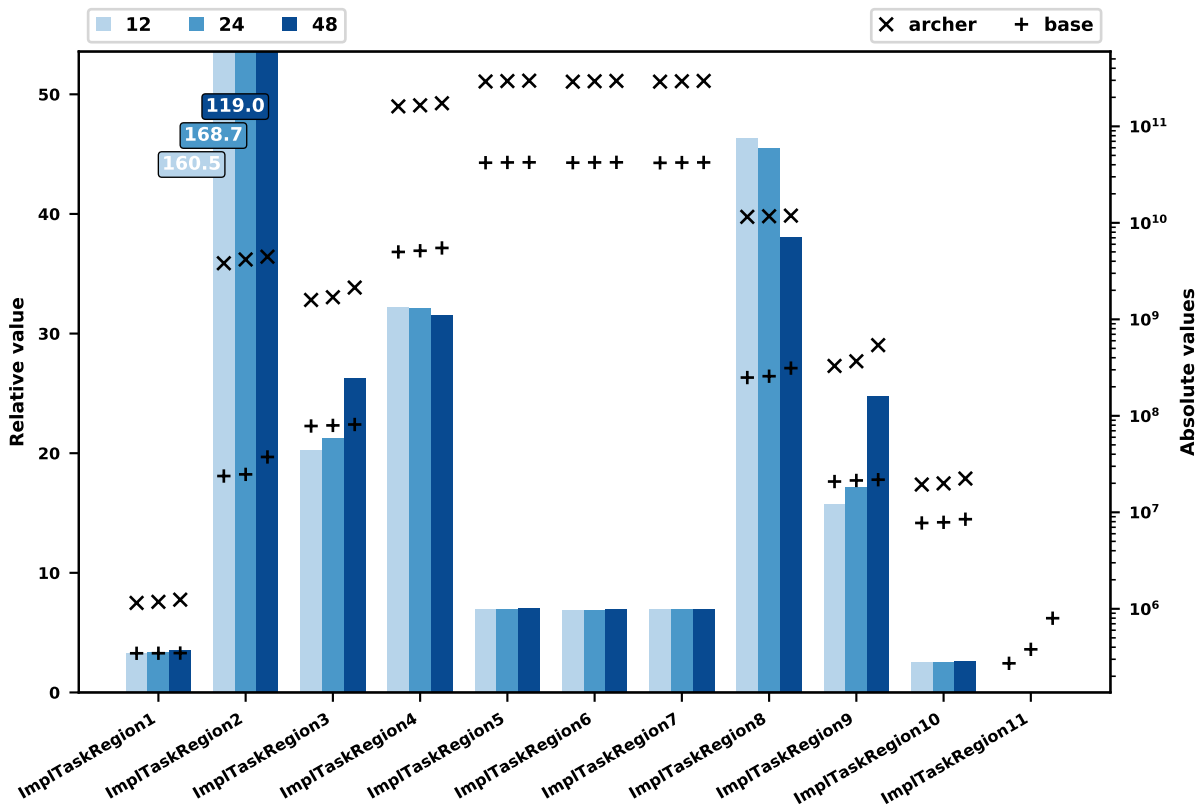
# B. Comparing 357.bt331-archer-sampling variant with base for metric L1D\_W\_A = L1D\_W\_H



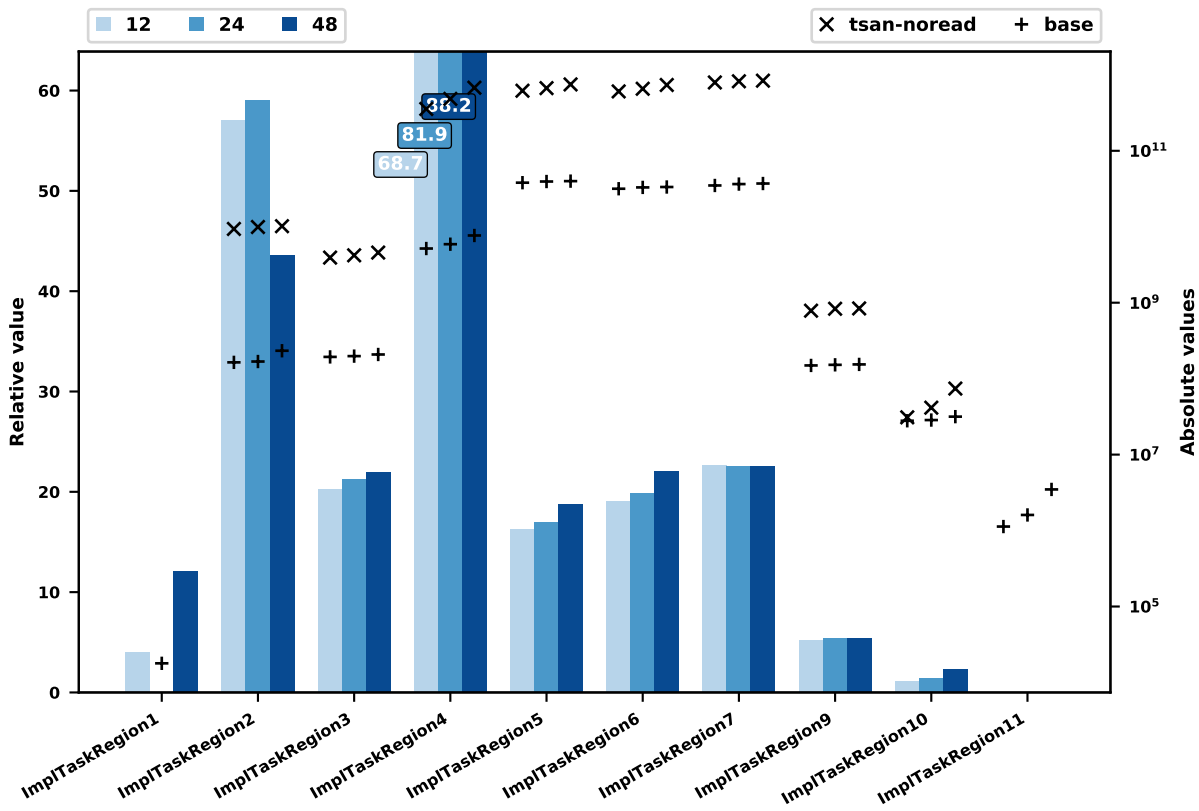
**B. Comparing 357.bt331-tsan variant with base  
for metric L1D\_W\_A = L1D\_W\_H**



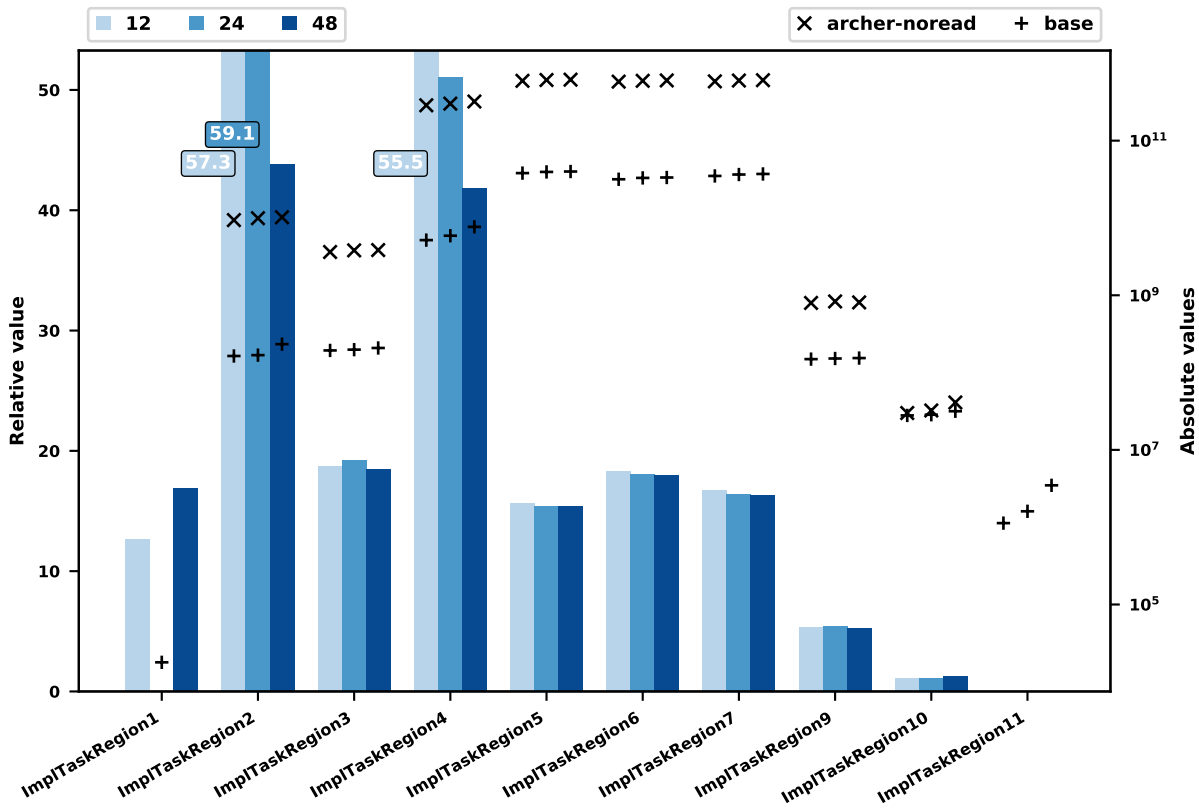
**B. Comparing 357.bt331-archer variant with base  
for metric L1D\_W\_A = L1D\_W\_H**



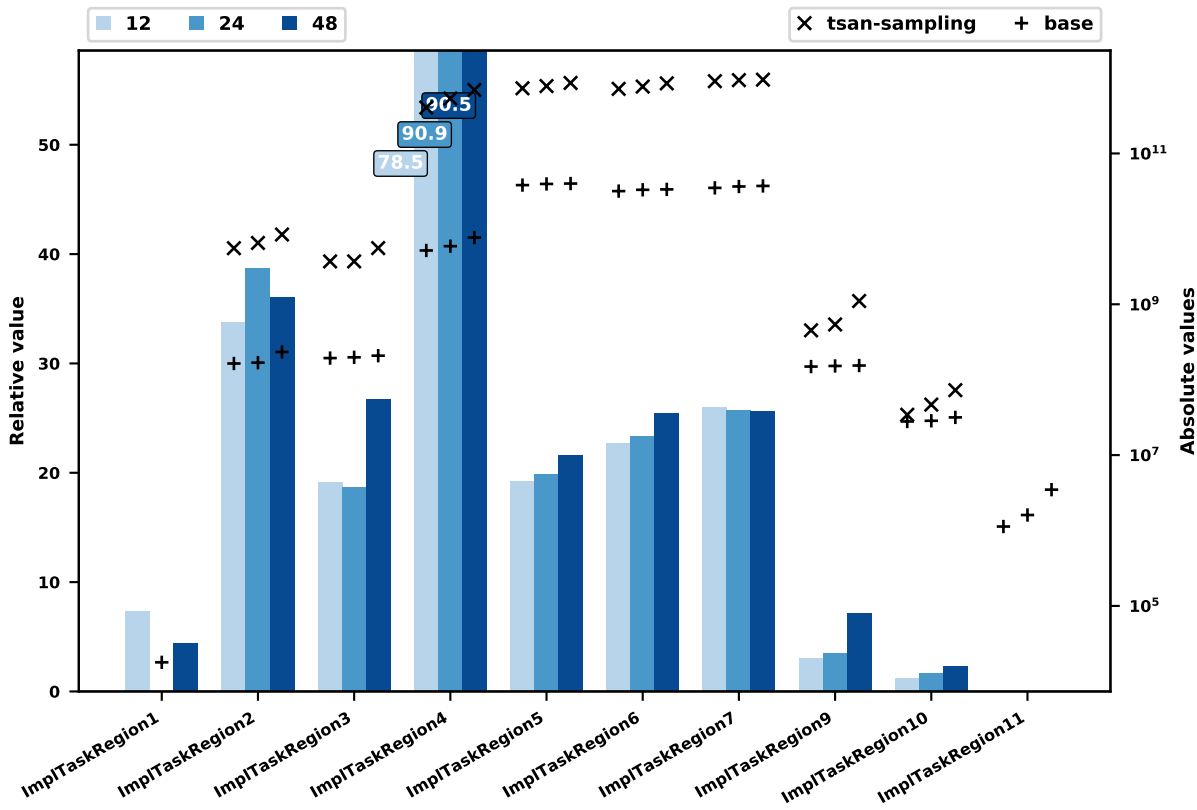
**B. Comparing 357.bt331-tsan-noread variant with base for metric L1D\_R\_H**



**B. Comparing 357.bt331-archer-noread variant with base  
for metric L1D\_R\_H**

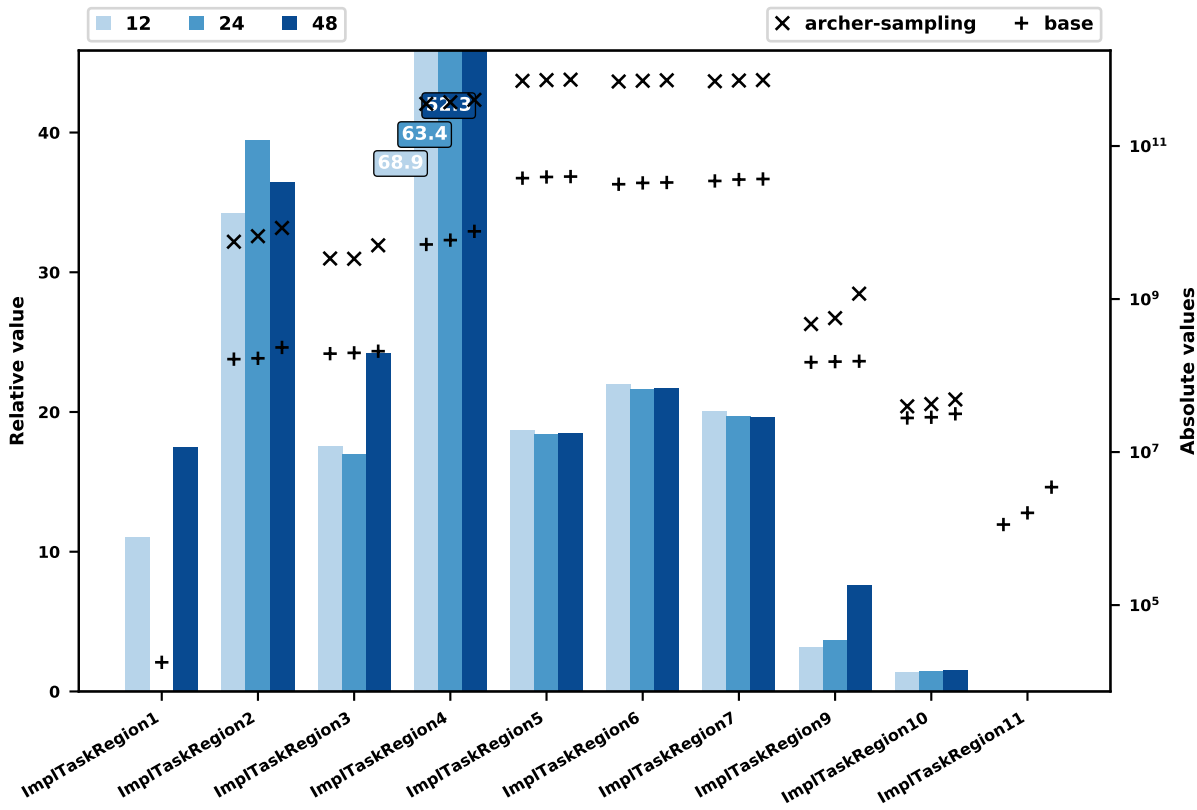


**B. Comparing 357.bt331-tsan-sampling variant with base for metric L1D\_R\_H**

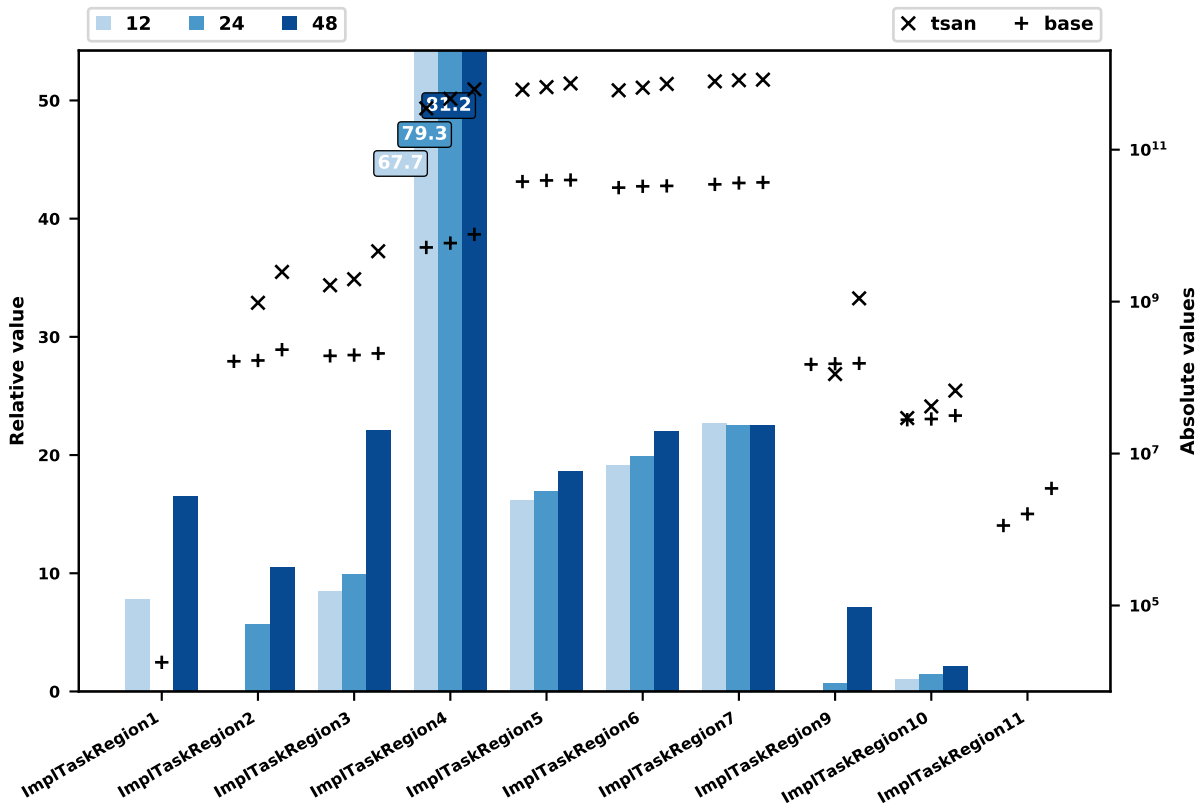




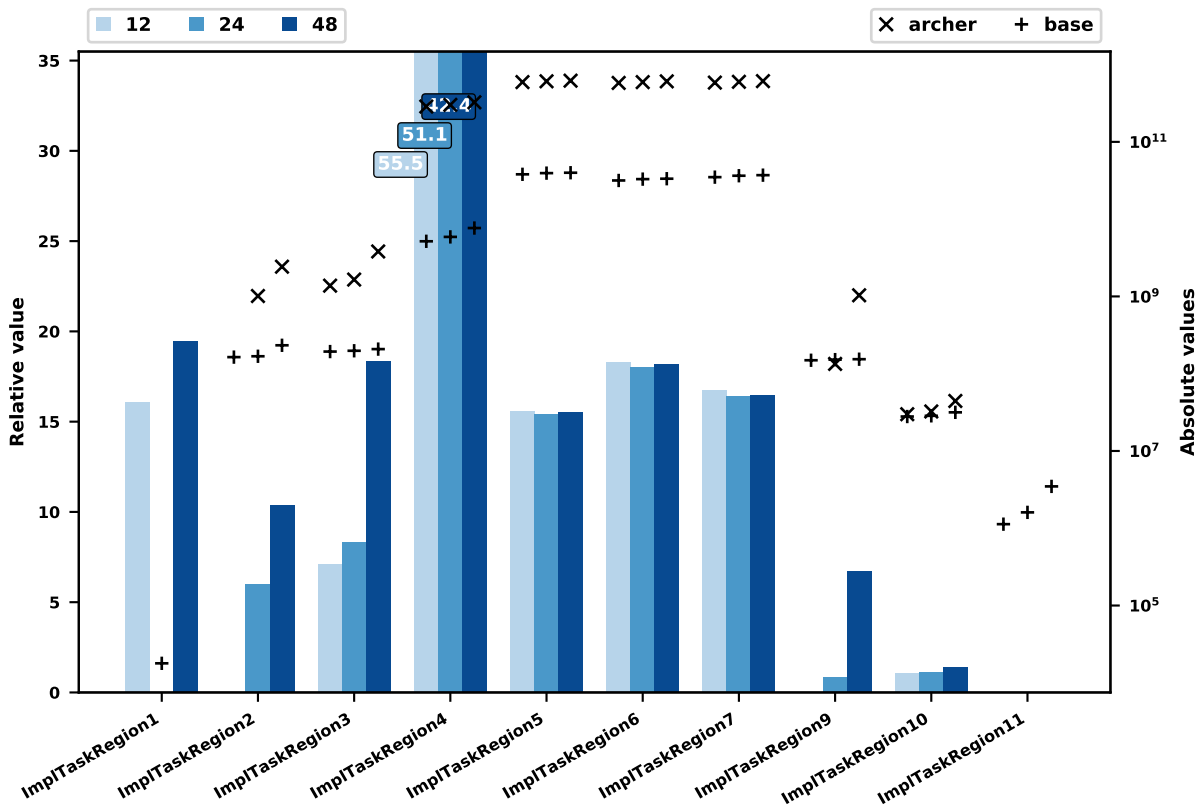
# B. Comparing 357.bt331-archer-sampling variant with base for metric L1D\_R\_H



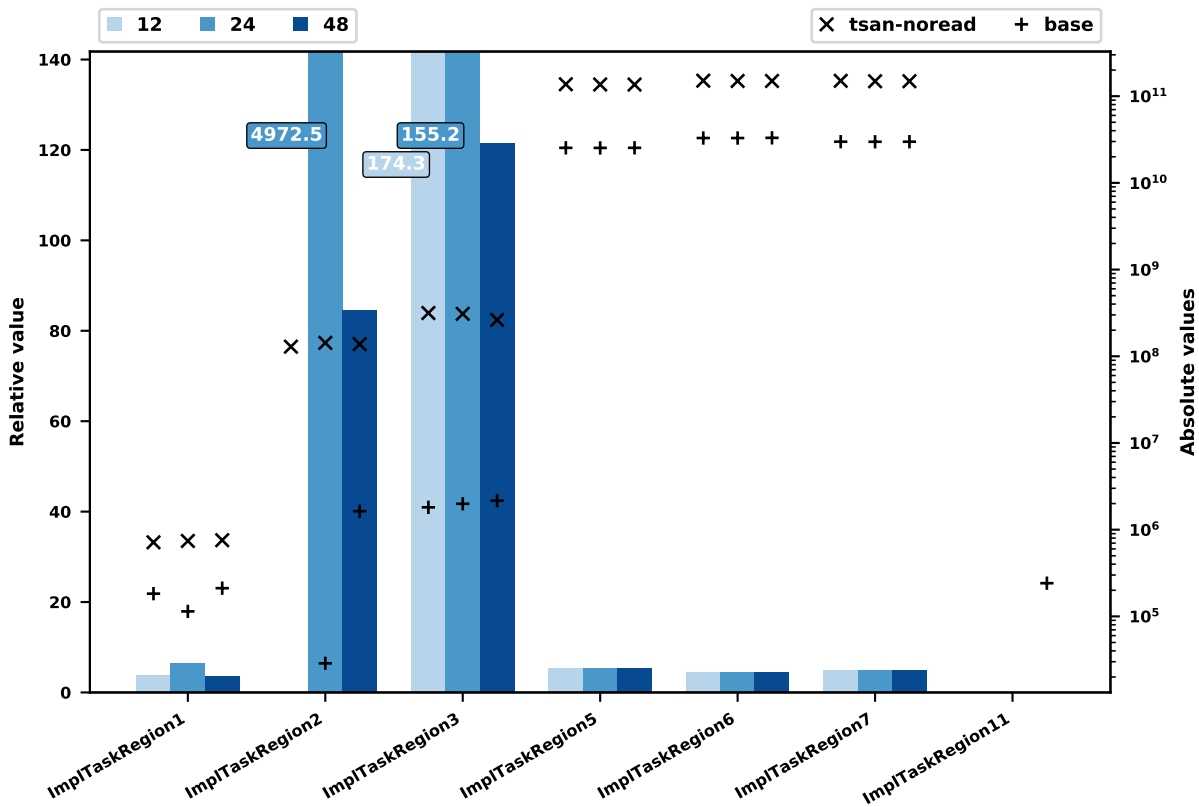
**B. Comparing 357.bt331-tsan variant with base  
for metric L1D\_R\_H**



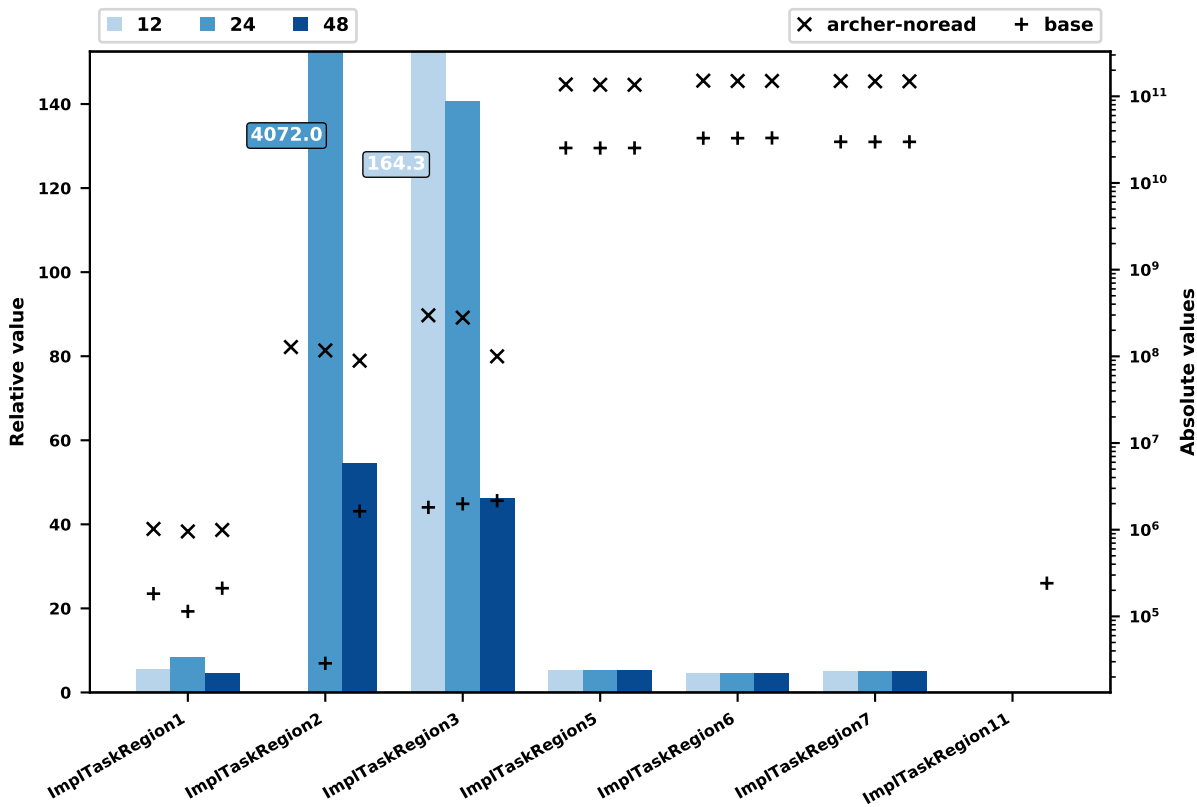
**B. Comparing 357.bt331-archer variant with base  
for metric L1D\_R\_H**



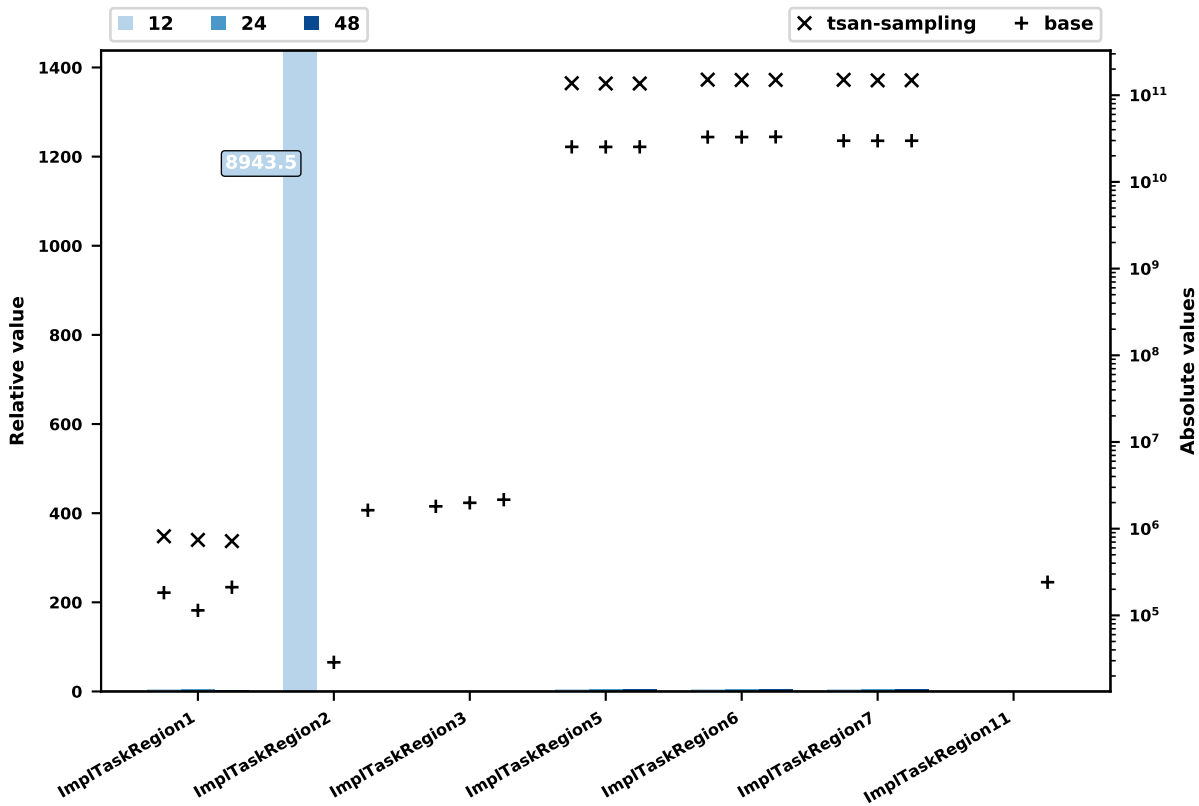
**B. Comparing 357.bt331-tsan-noread variant with base  
for metric L2D\_H**



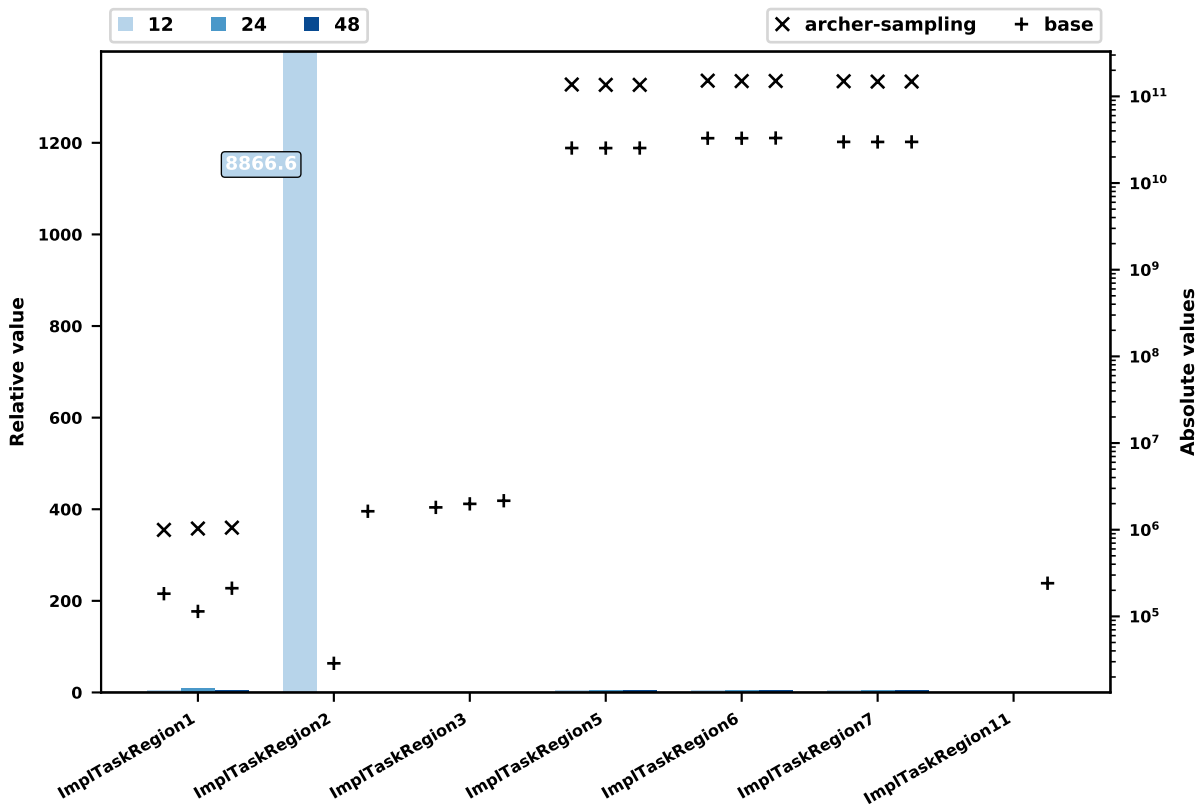
## B. Comparing 357.bt331-archer-noread variant with base for metric L2D\_H



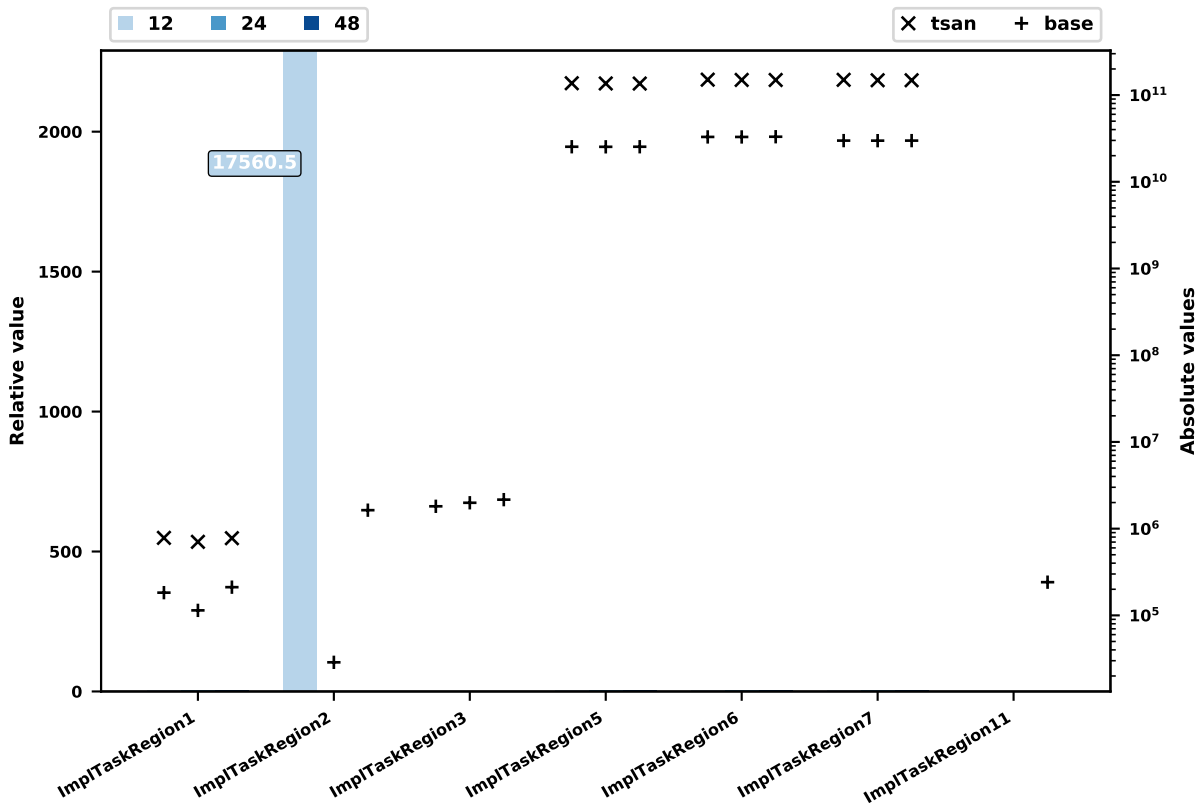
**B. Comparing 357.bt331-tsan-sampling variant with base  
for metric L2D\_H**



**B. Comparing 357.bt331-archer-sampling variant with base  
for metric L2D\_H**

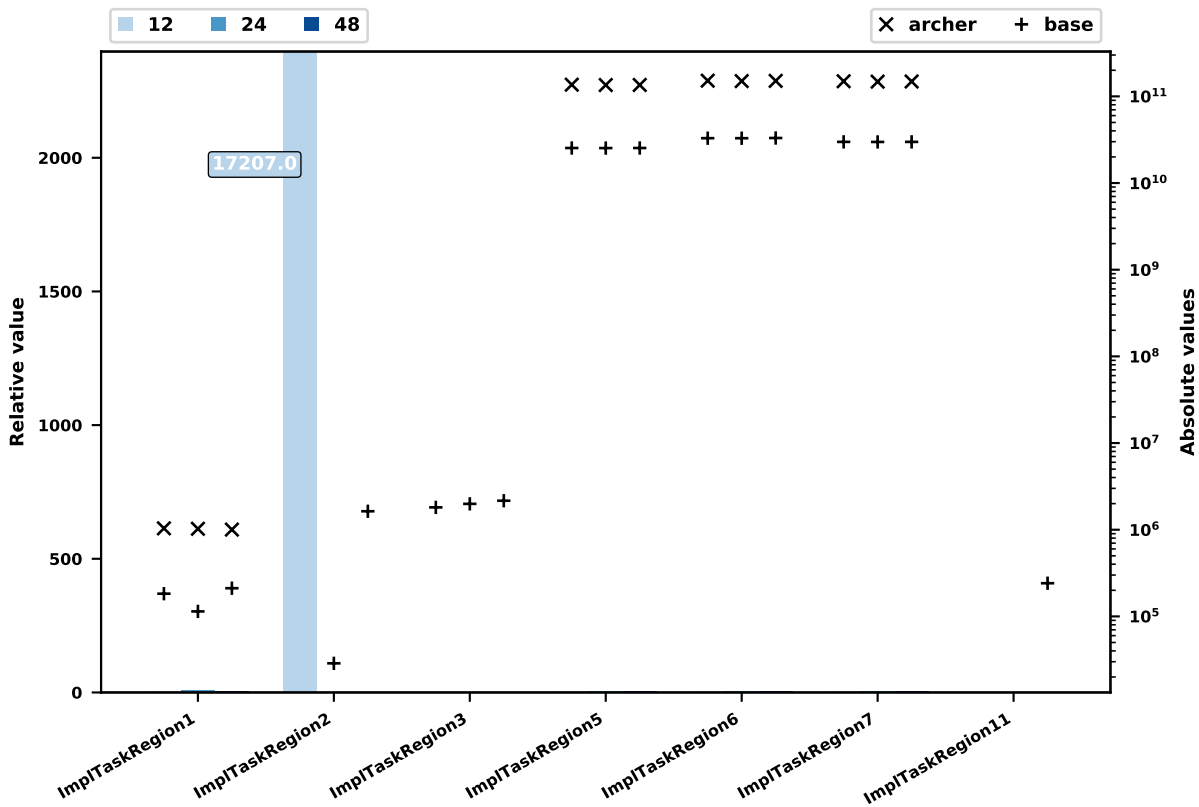


## B. Comparing 357.bt331-tsan variant with base for metric L2D\_H

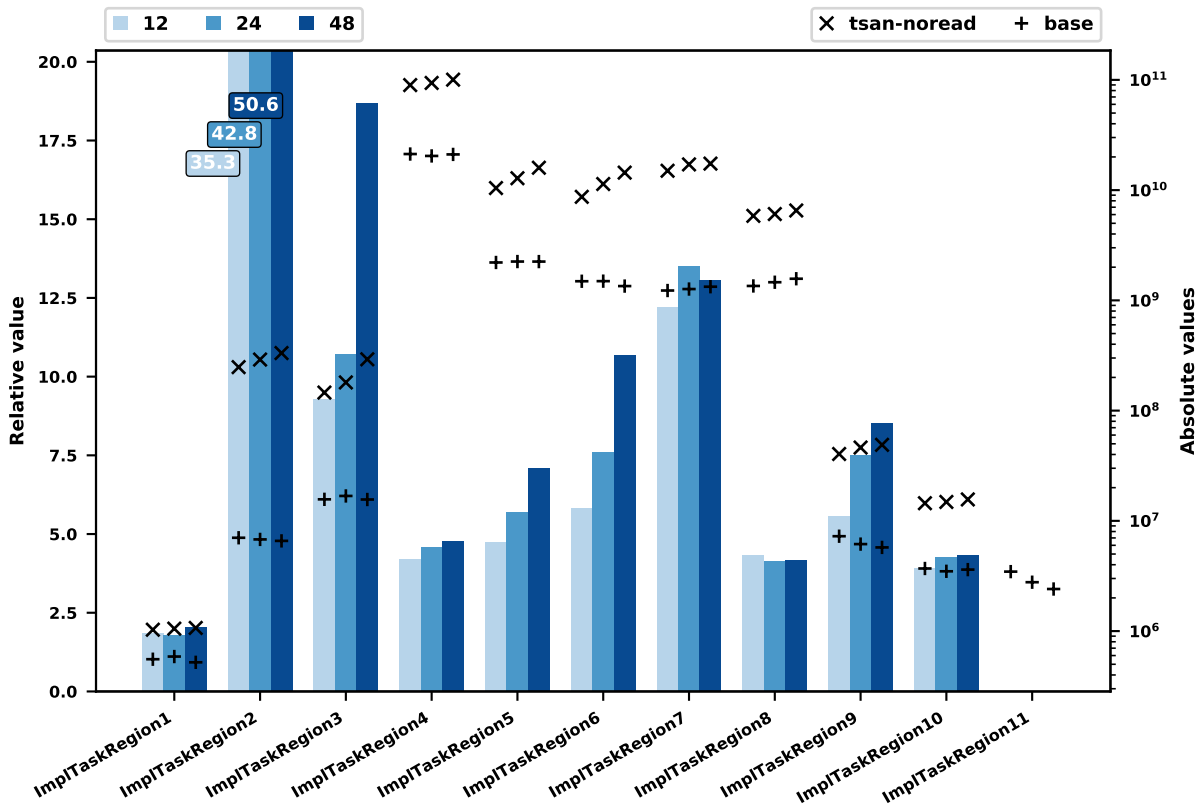




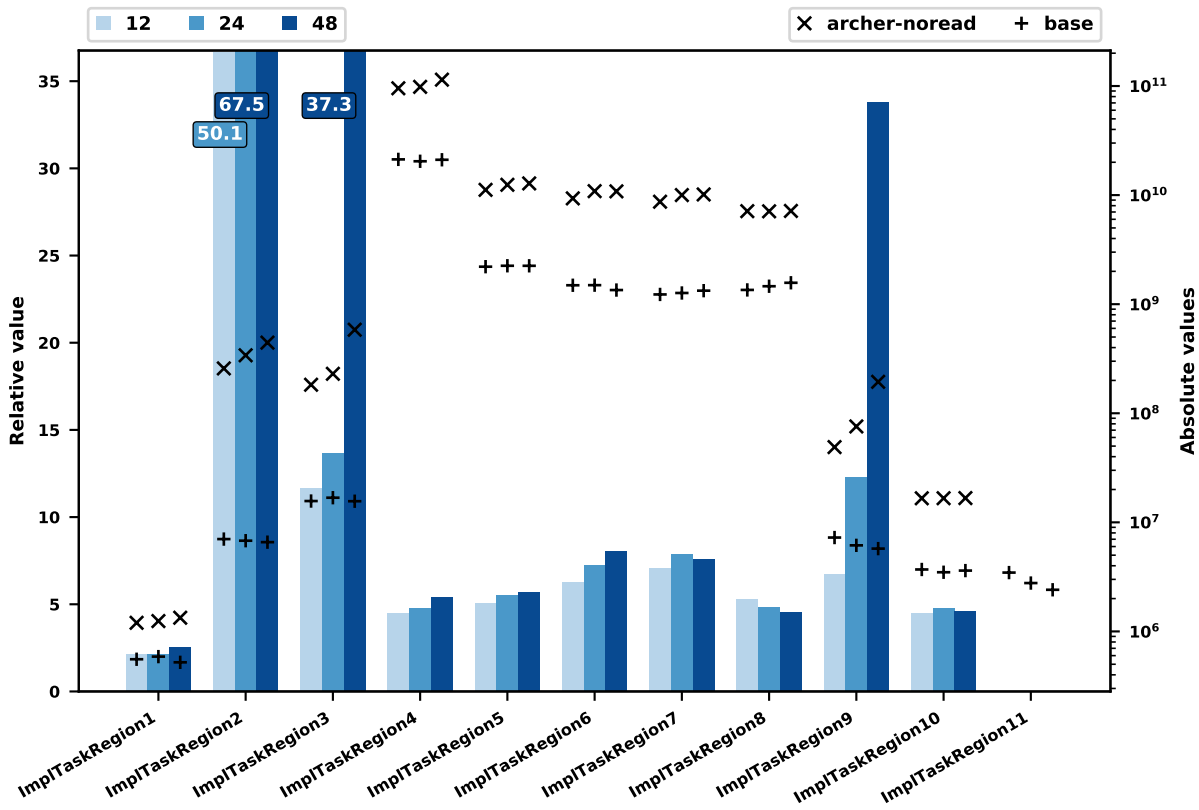
## B. Comparing 357.bt331-archer variant with base for metric L2D\_H



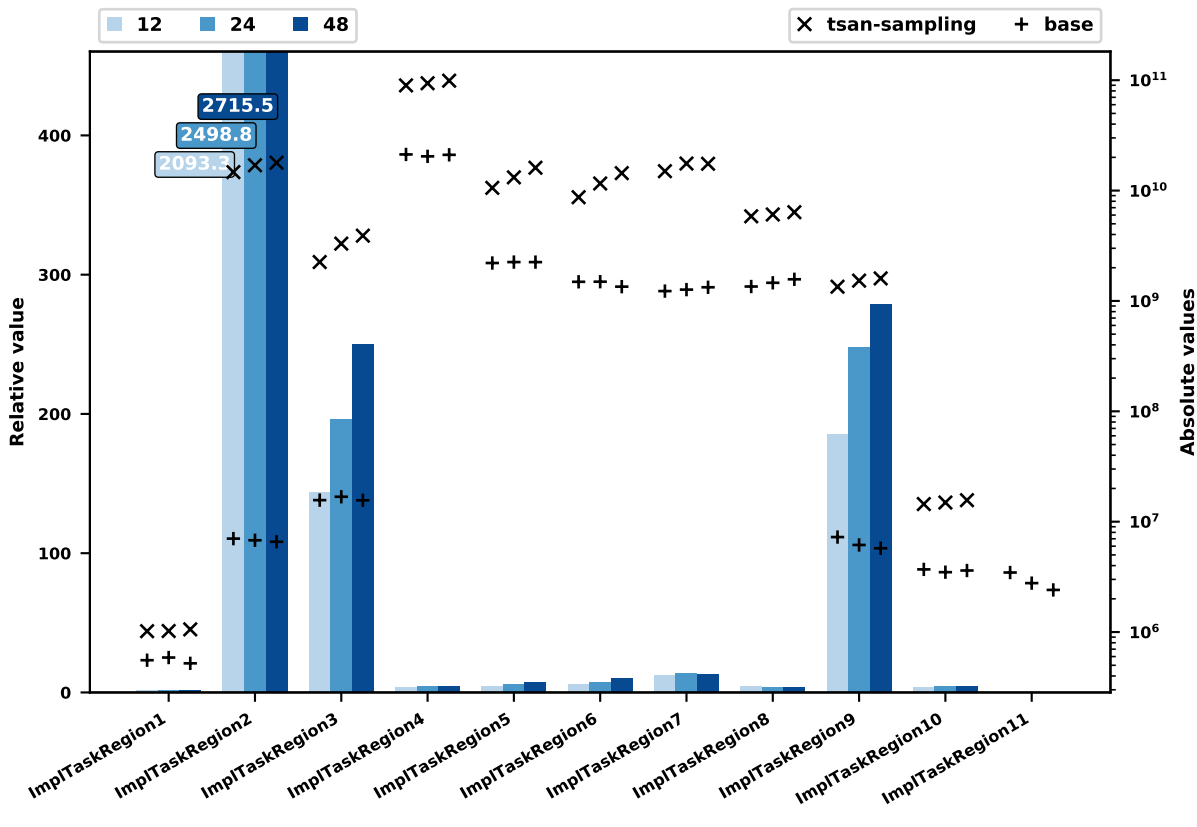
**B. Comparing 357.bt331-tsan-noread variant with base for metric L3D\_A**



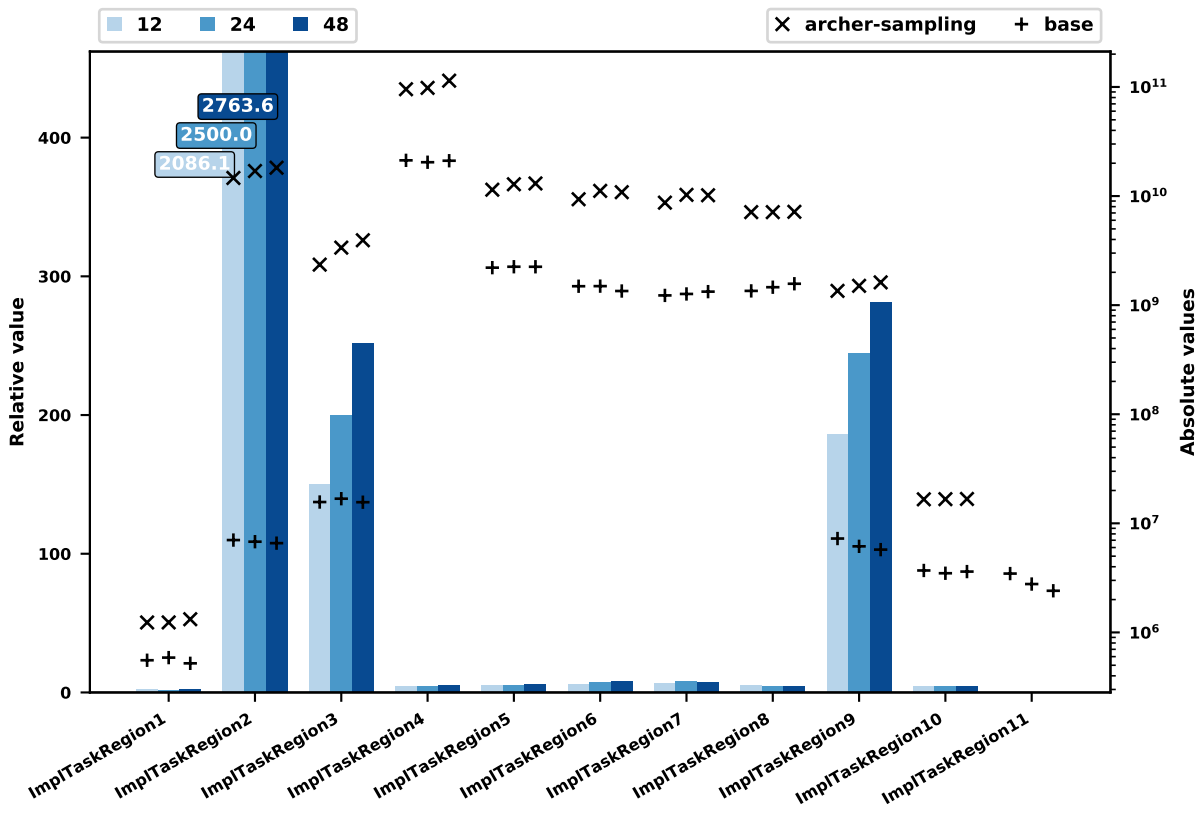
**B. Comparing 357.bt331-archer-noread variant with base  
for metric L3D\_A**



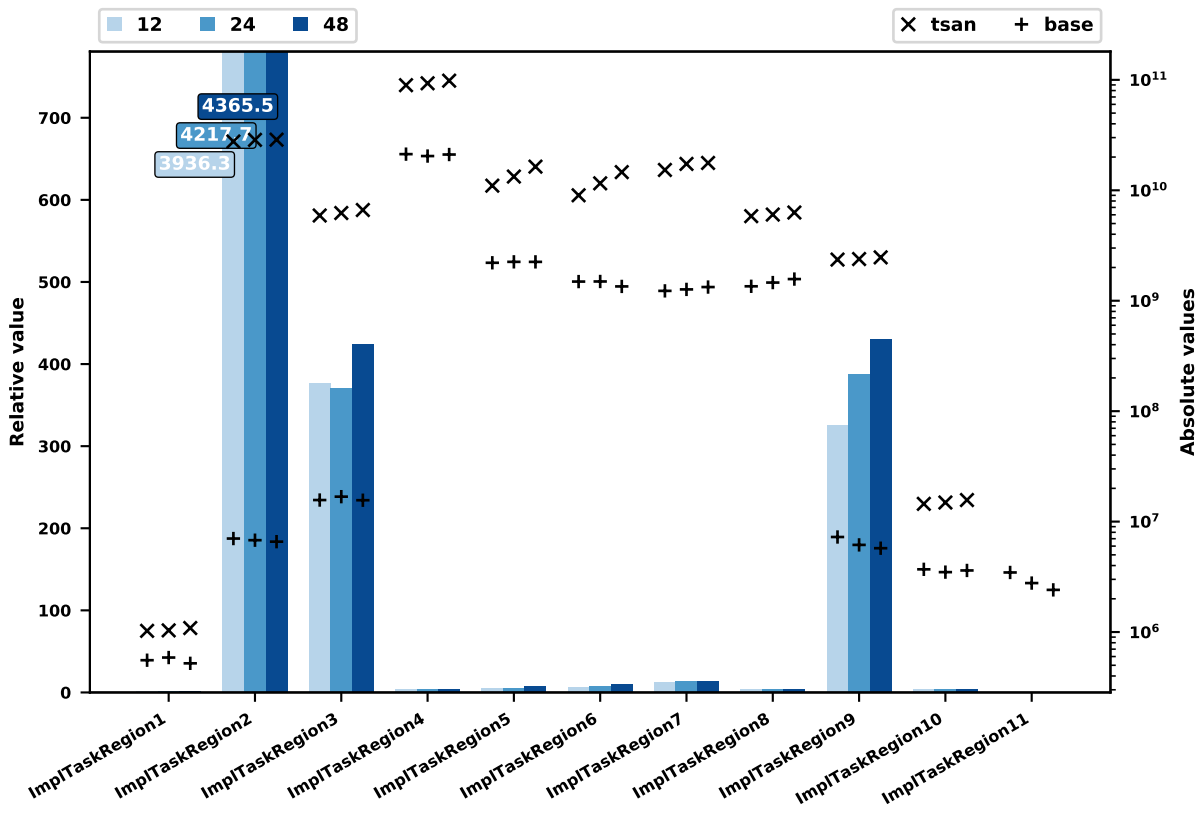
## B. Comparing 357.bt331-tsan-sampling variant with base for metric L3D\_A



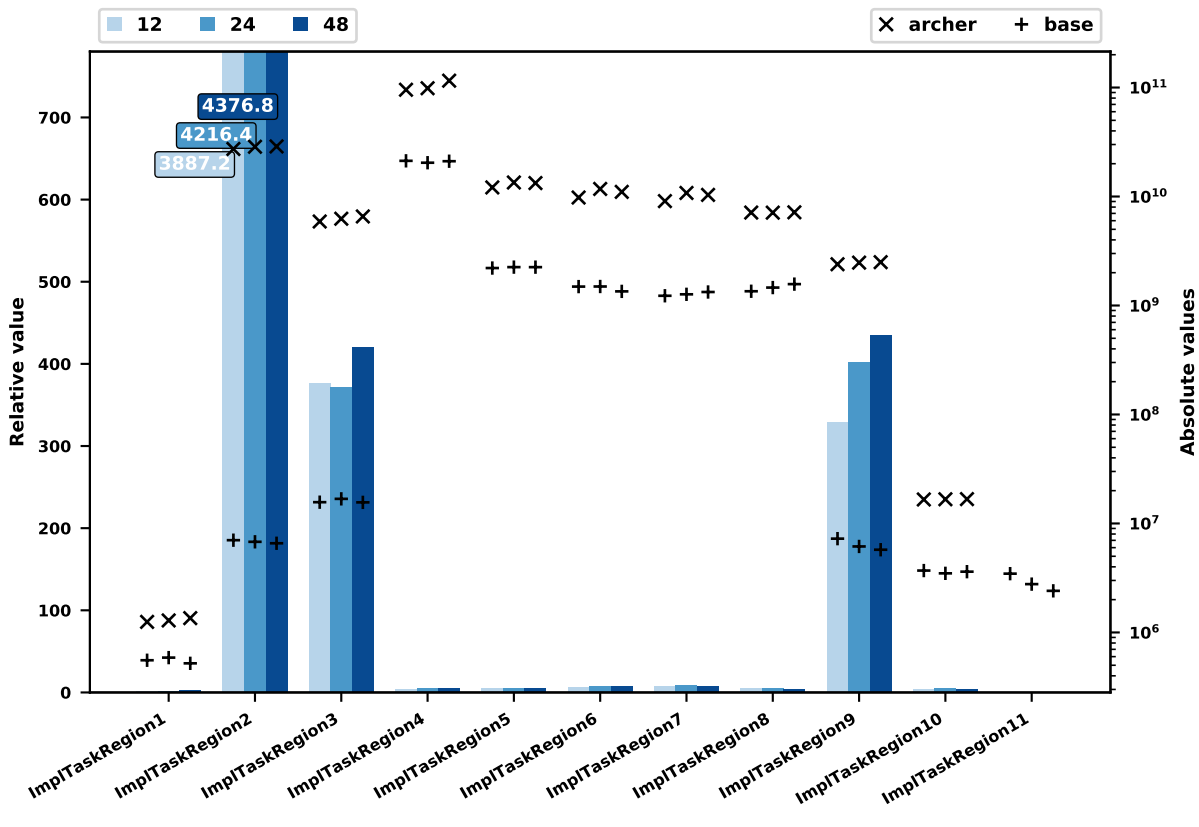
## B. Comparing 357.bt331-archer-sampling variant with base for metric L3D\_A



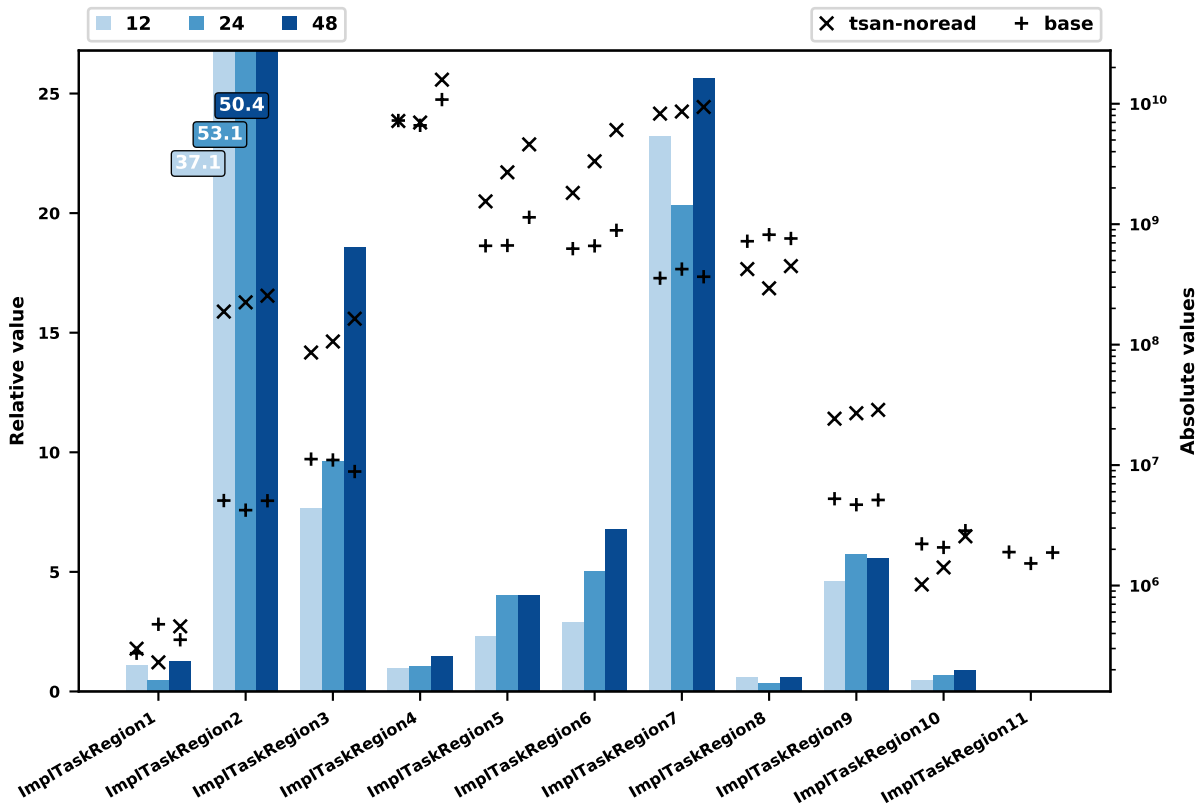
## B. Comparing 357.bt331-tsan variant with base for metric L3D\_A



## B. Comparing 357.bt331-archer variant with base for metric L3D\_A

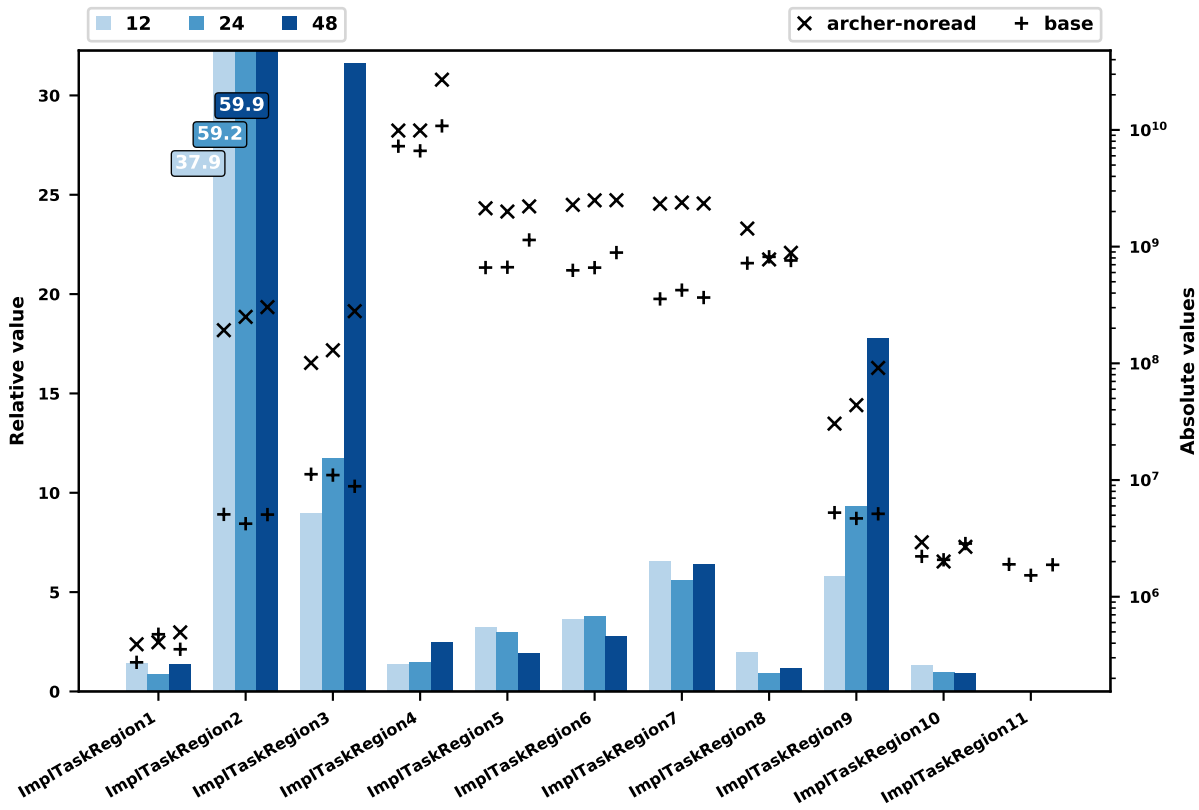


**B. Comparing 357.bt331-tsan-noread variant with base  
for metric L3\_H**

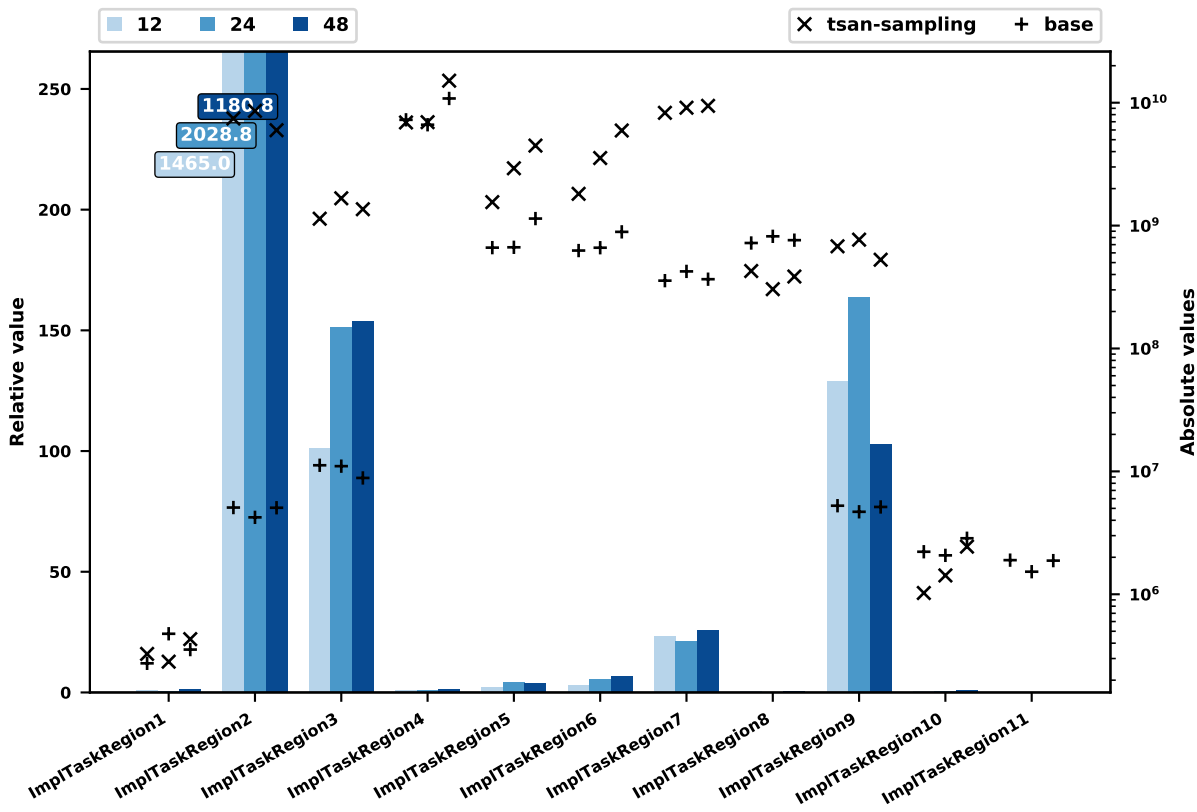




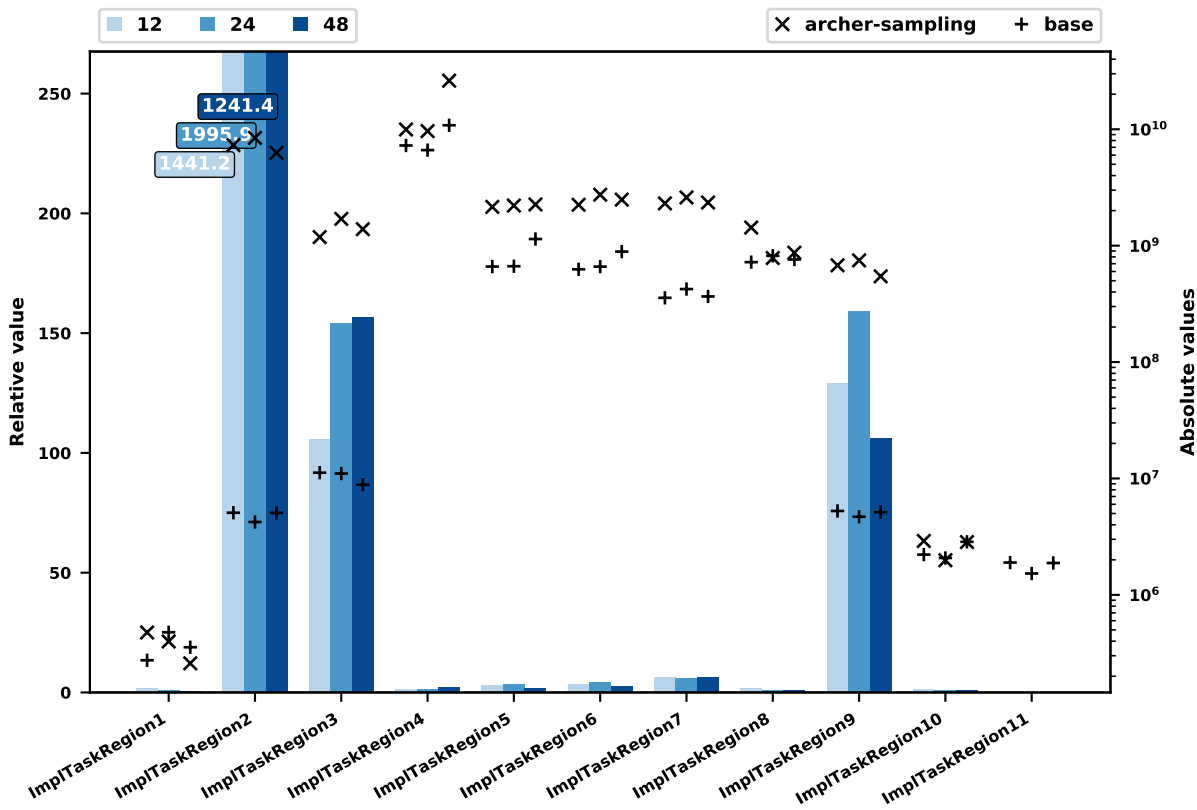
**B. Comparing 357.bt331-archer-noread variant with base  
for metric L3\_H**



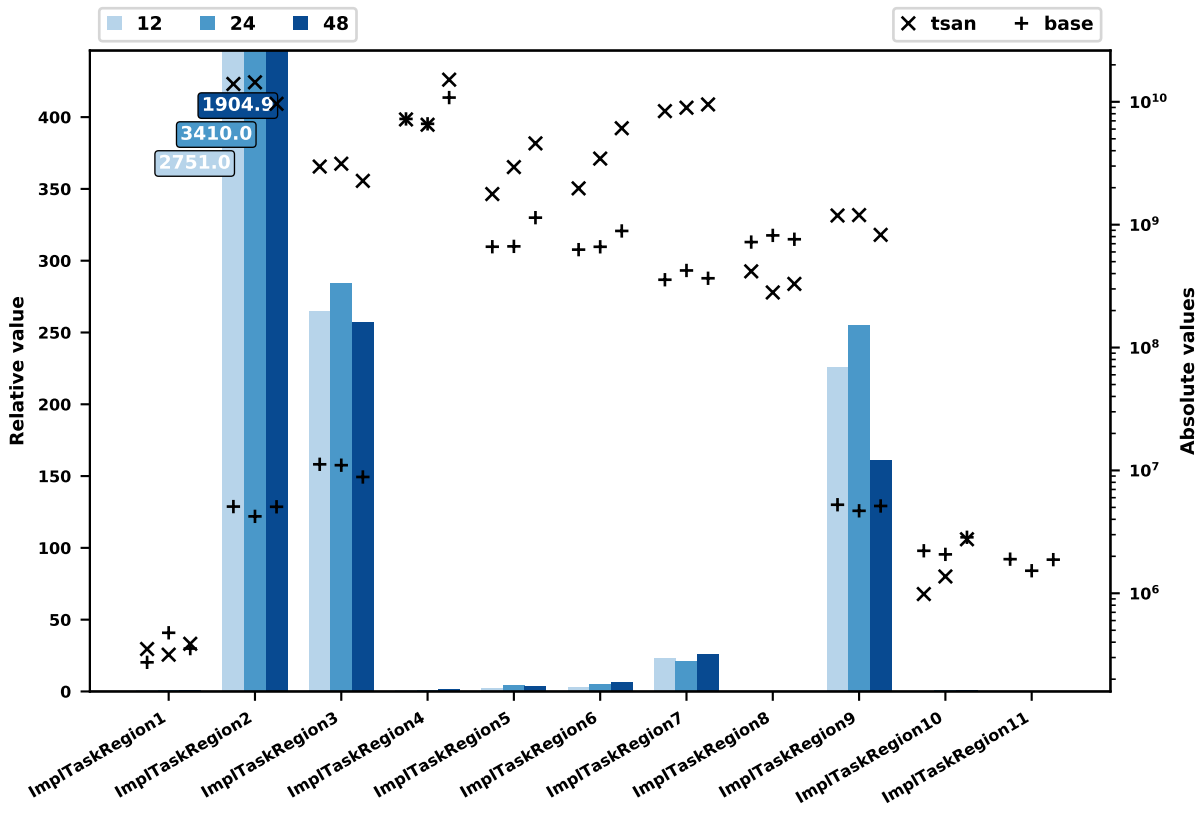
## B. Comparing 357.bt331-tsan-sampling variant with base for metric L3\_H



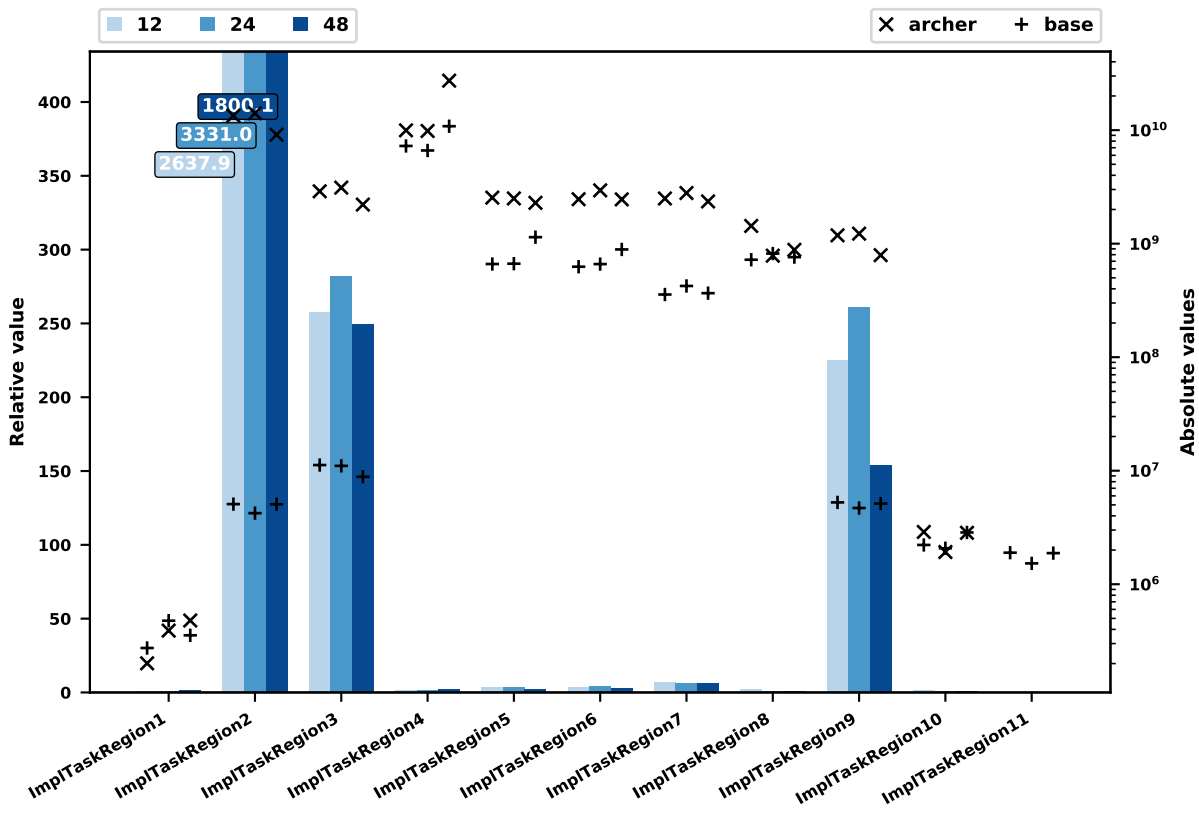
## B. Comparing 357.bt331-archer-sampling variant with base for metric L3\_H



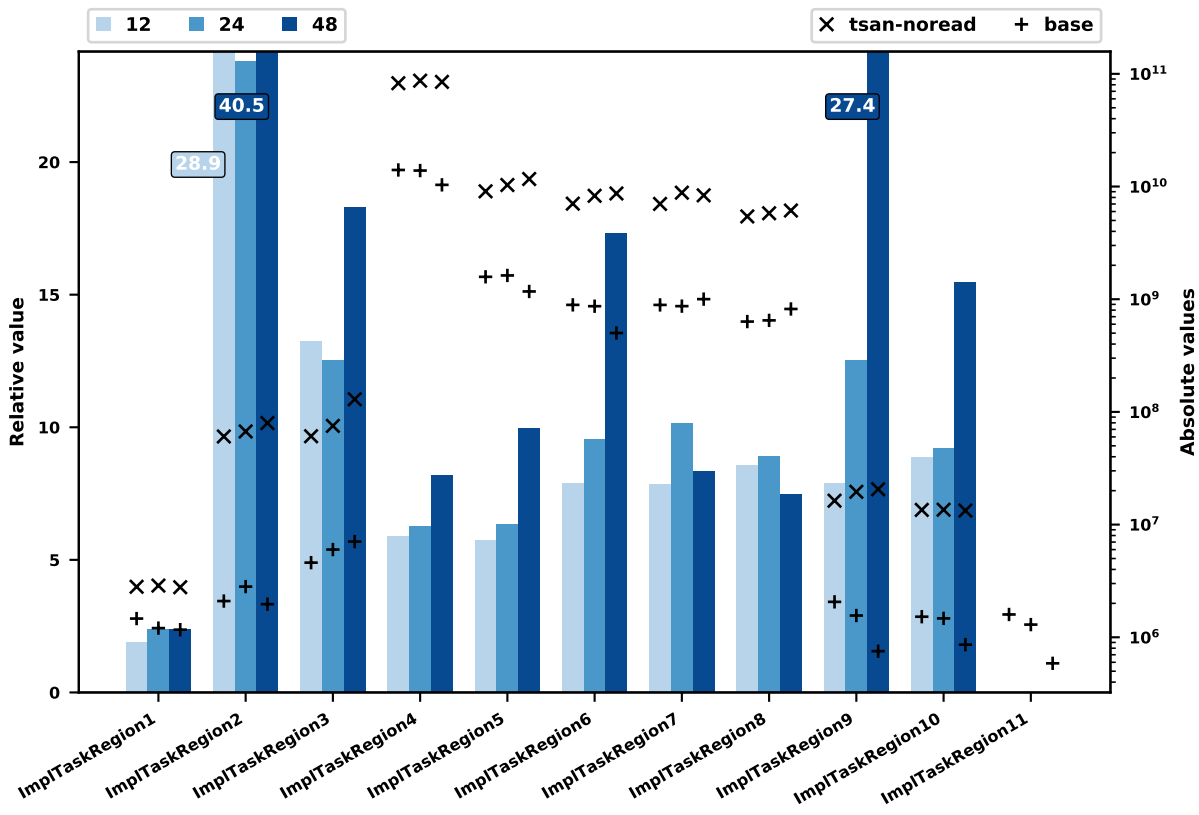
## B. Comparing 357.bt331-tsan variant with base for metric L3\_H



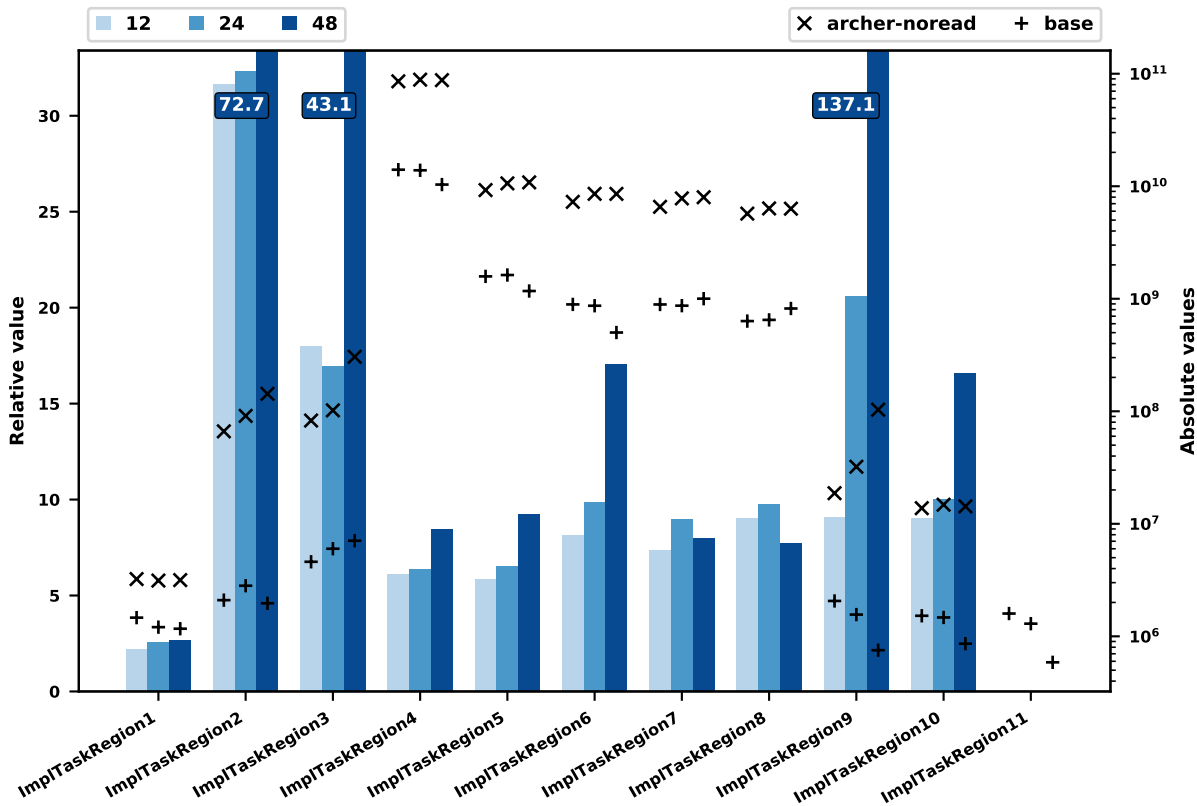
## B. Comparing 357.bt331-archer variant with base for metric L3\_H



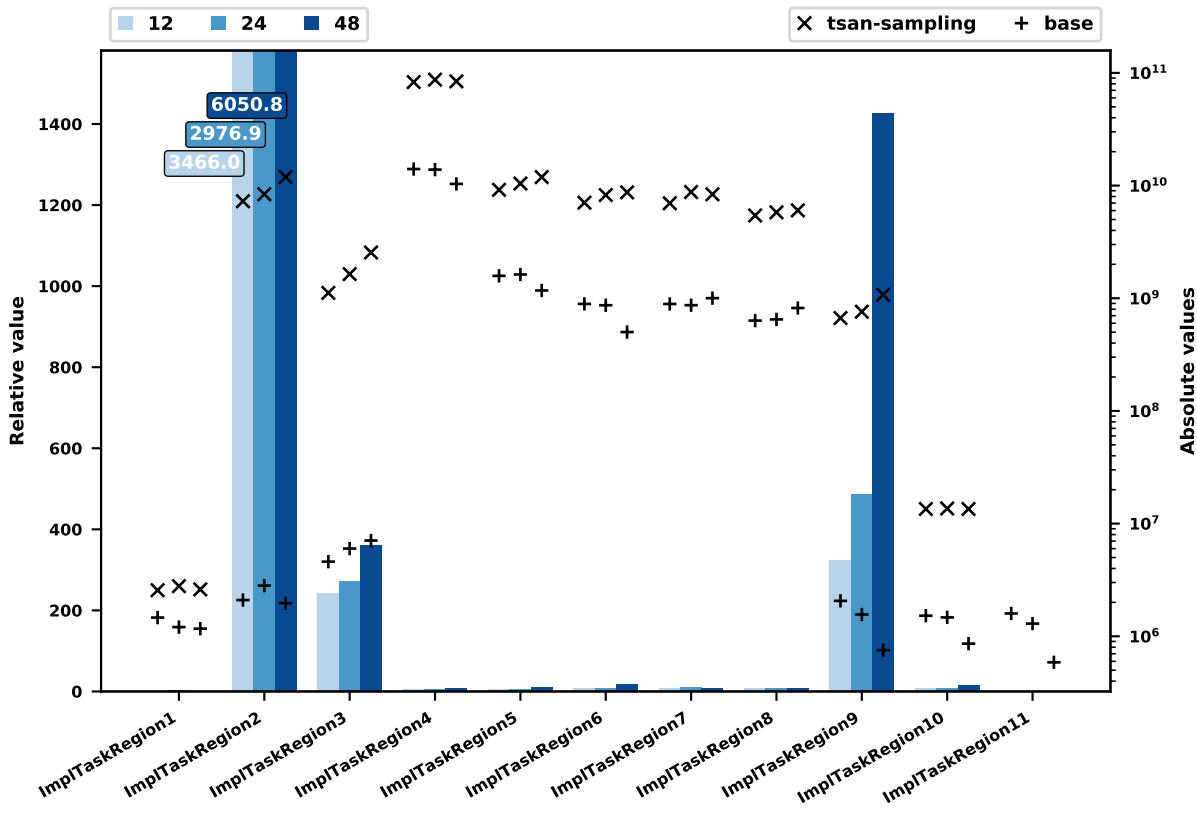
**B. Comparing 357.bt331-tsan-noread variant with base  
for metric MEM**



## B. Comparing 357.bt331-archer-noread variant with base for metric MEM

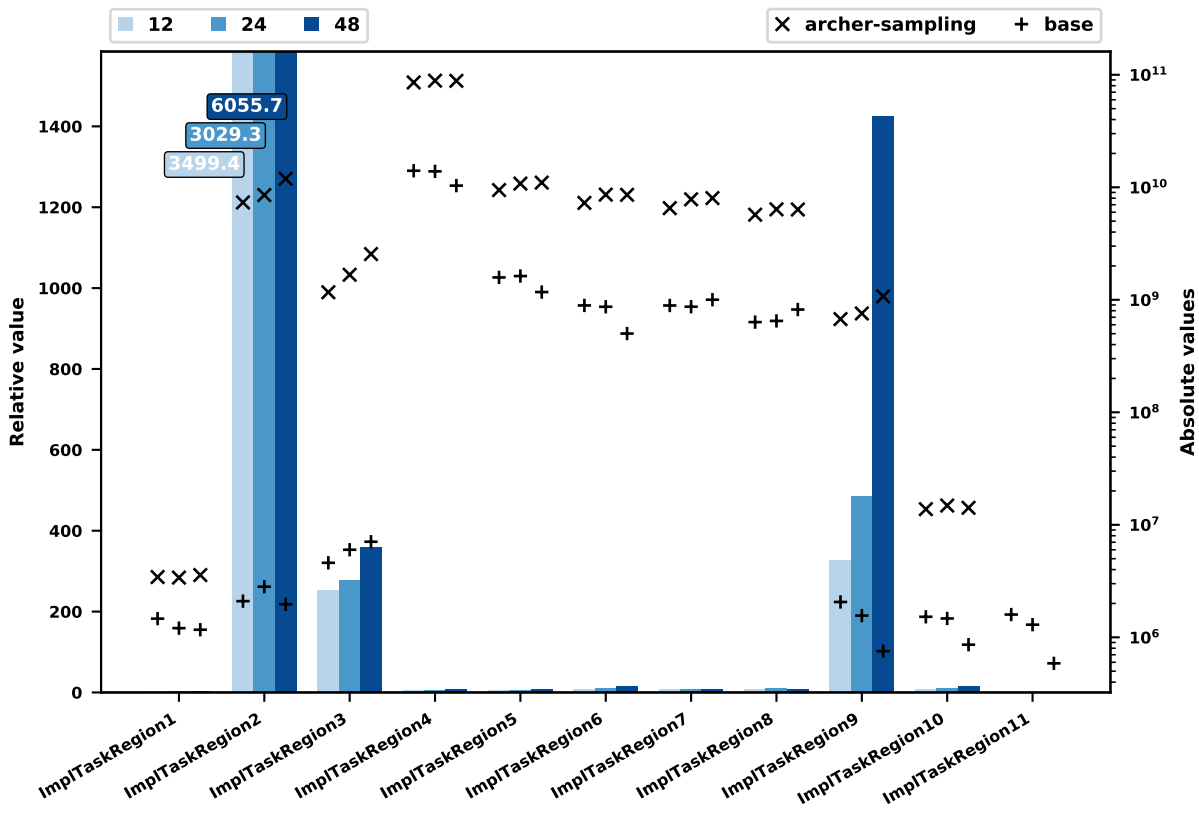


**B. Comparing 357.bt331-tsan-sampling variant with base for metric MEM**

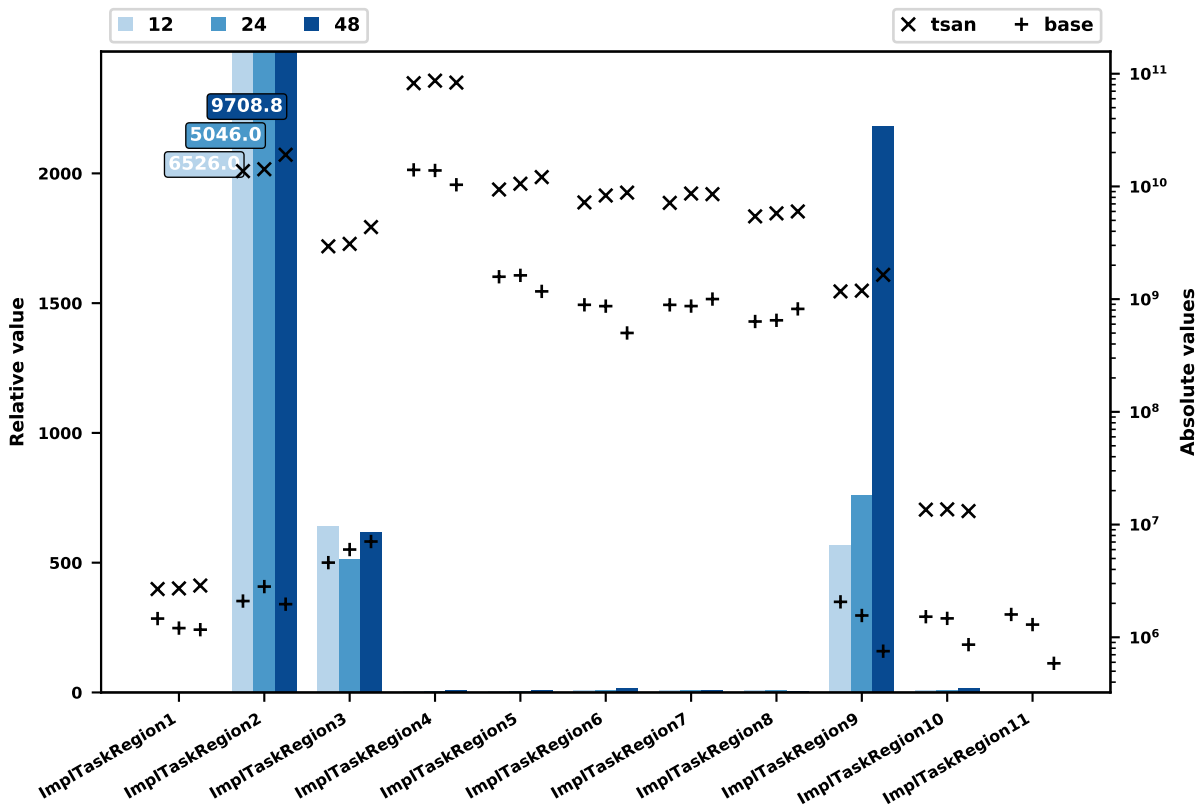




**B. Comparing 357.bt331-archer-sampling variant with base for metric MEM**



**B. Comparing 357.bt331-tsan variant with base  
for metric MEM**



## B. Comparing 357.bt331-archer variant with base for metric MEM

