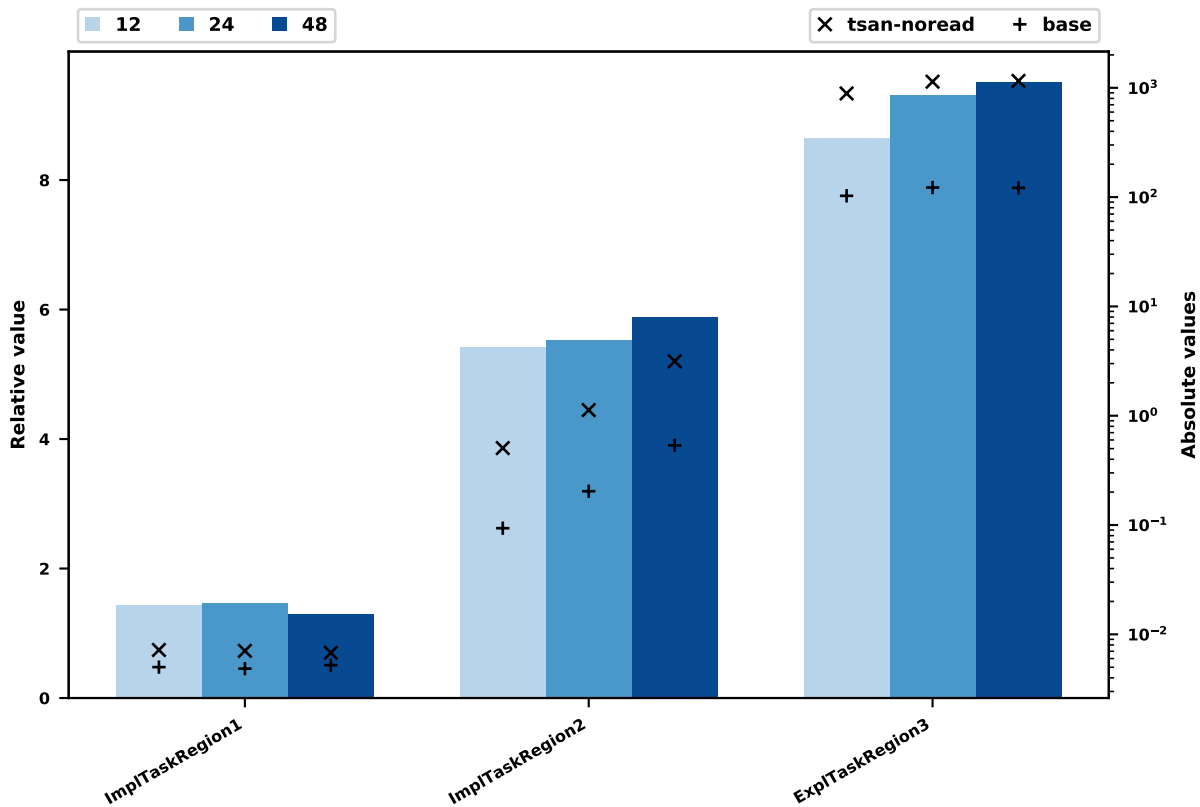
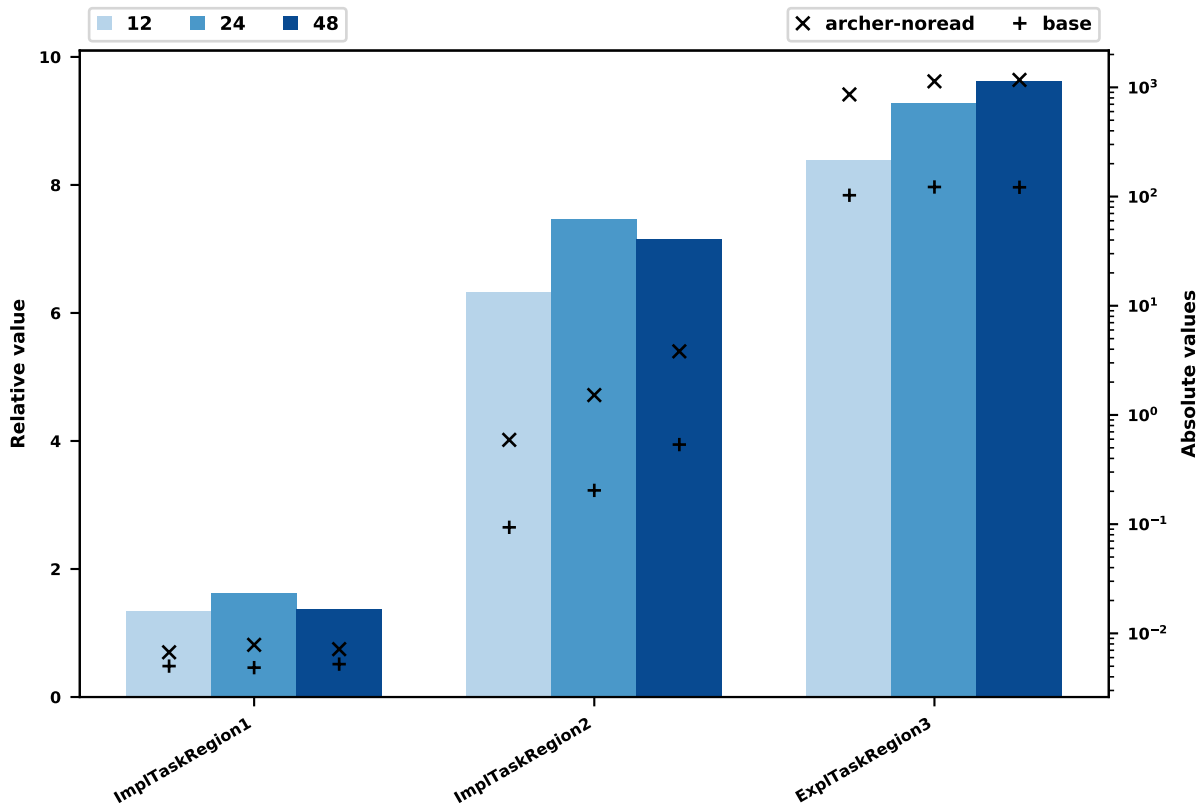


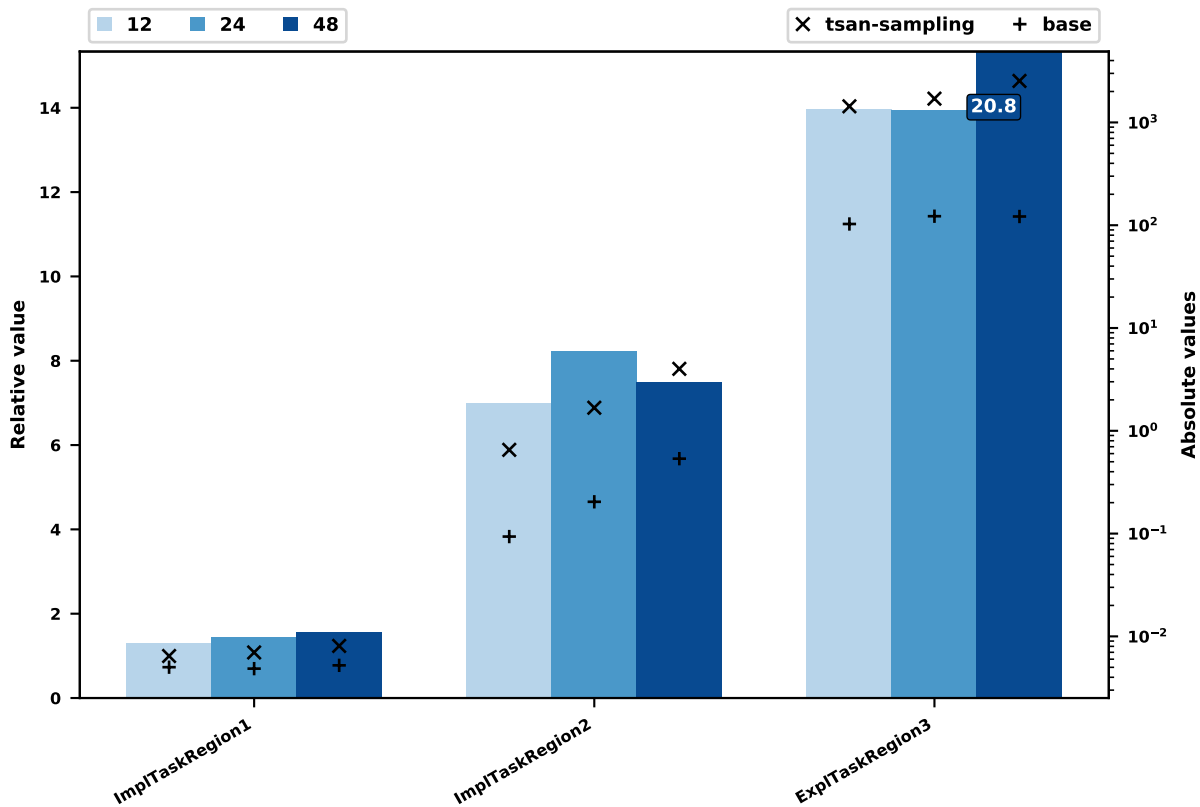
## B. Comparing 358.botsalign-tsan-noread variant with base for metric Time



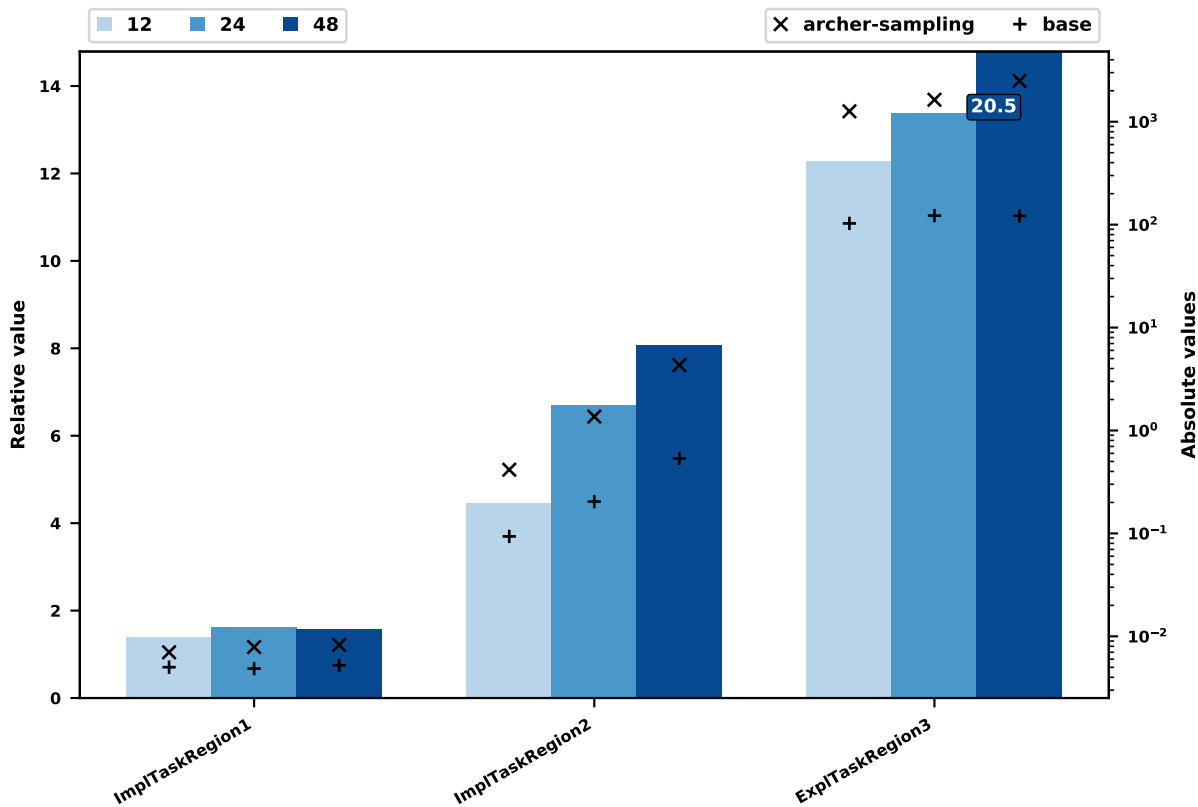
**B. Comparing 358.botsalgn-archer-noread variant with base for metric Time**



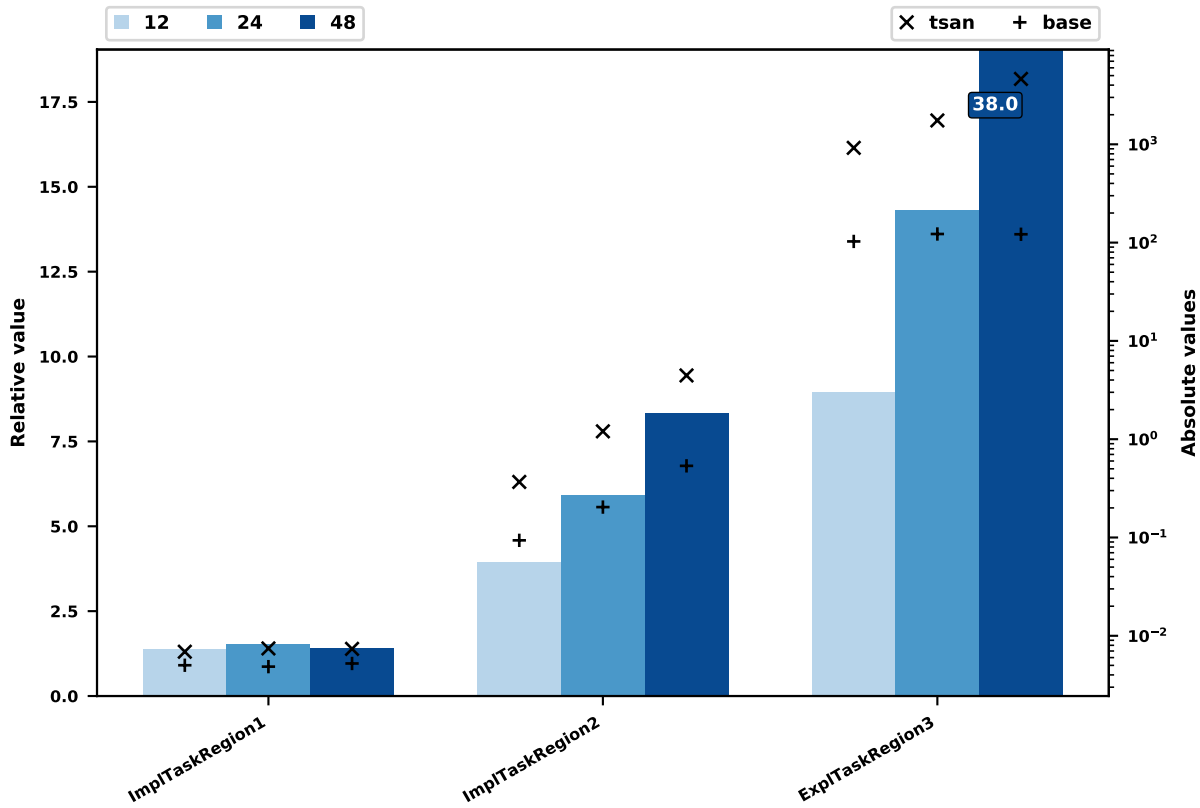
**B. Comparing 358.botsalgn-tsan-sampling variant with base for metric Time**



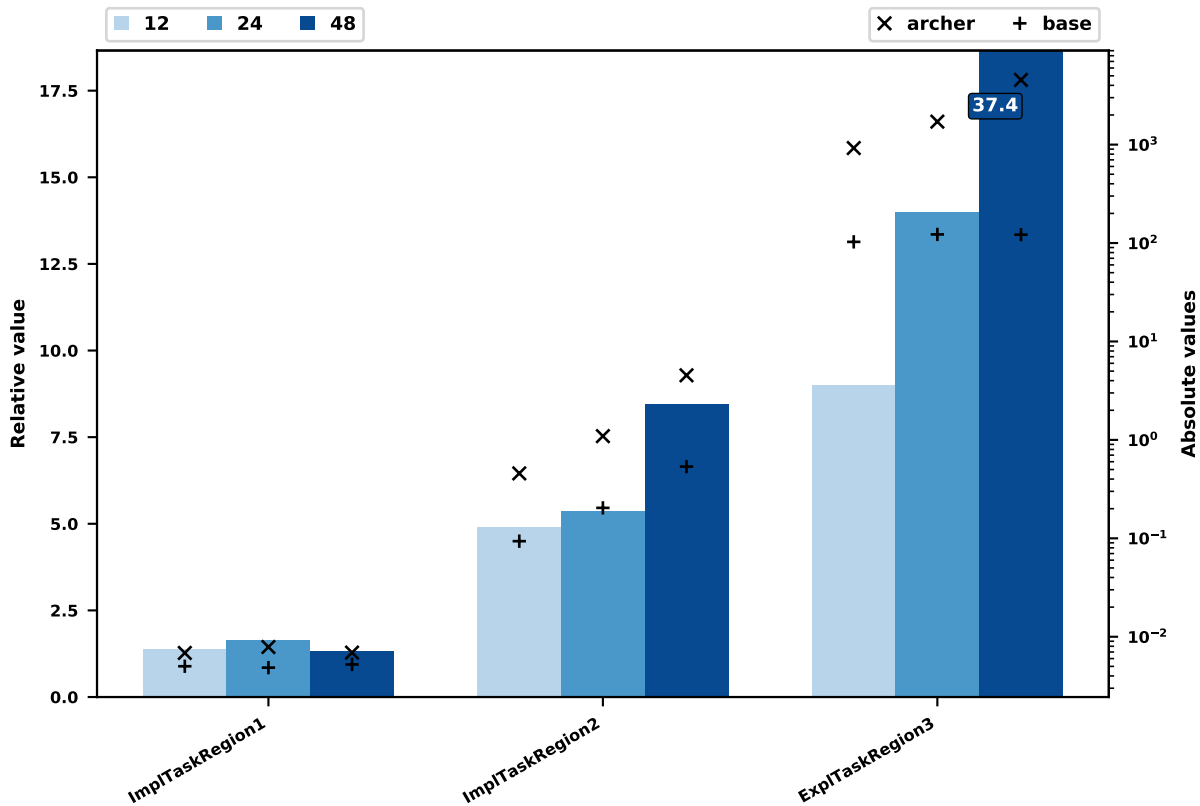
**B. Comparing 358.botsalgn-archer-sampling variant with base for metric Time**



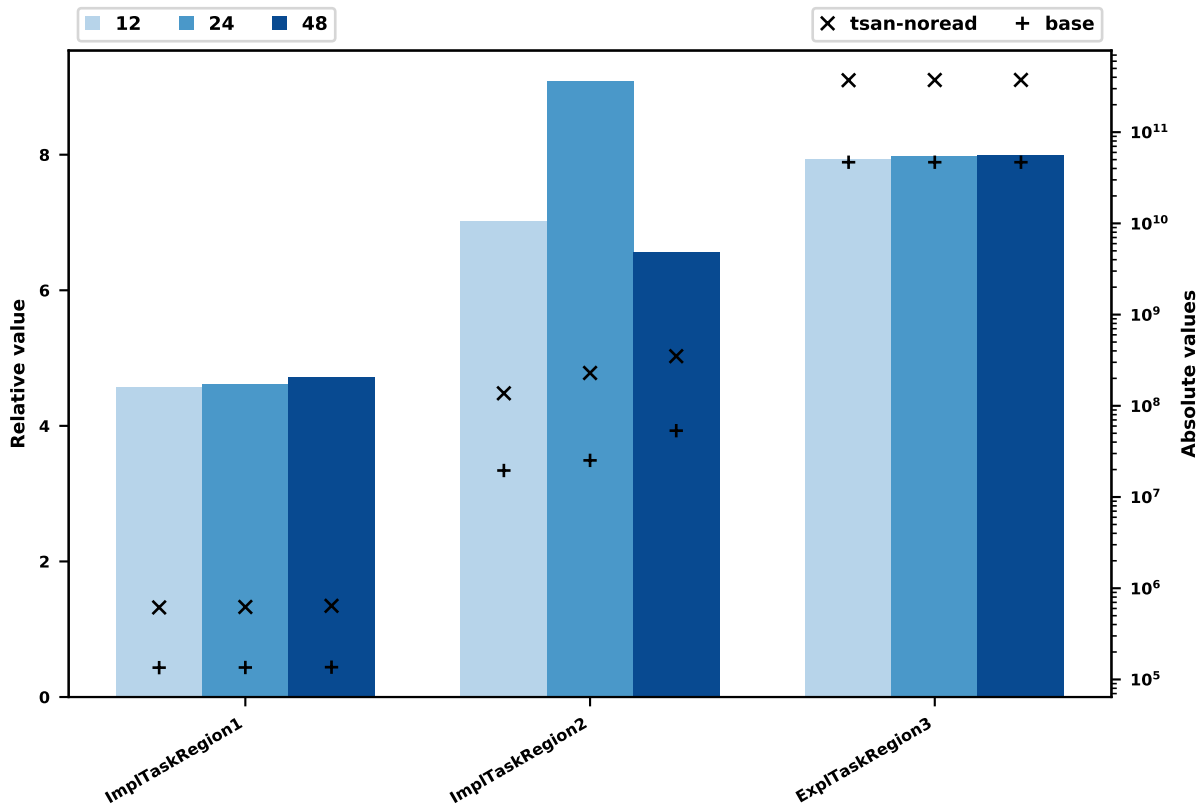
## B. Comparing 358.botsalgn-tsan variant with base for metric Time



**B. Comparing 358.botsaln-archer variant with base for metric Time**

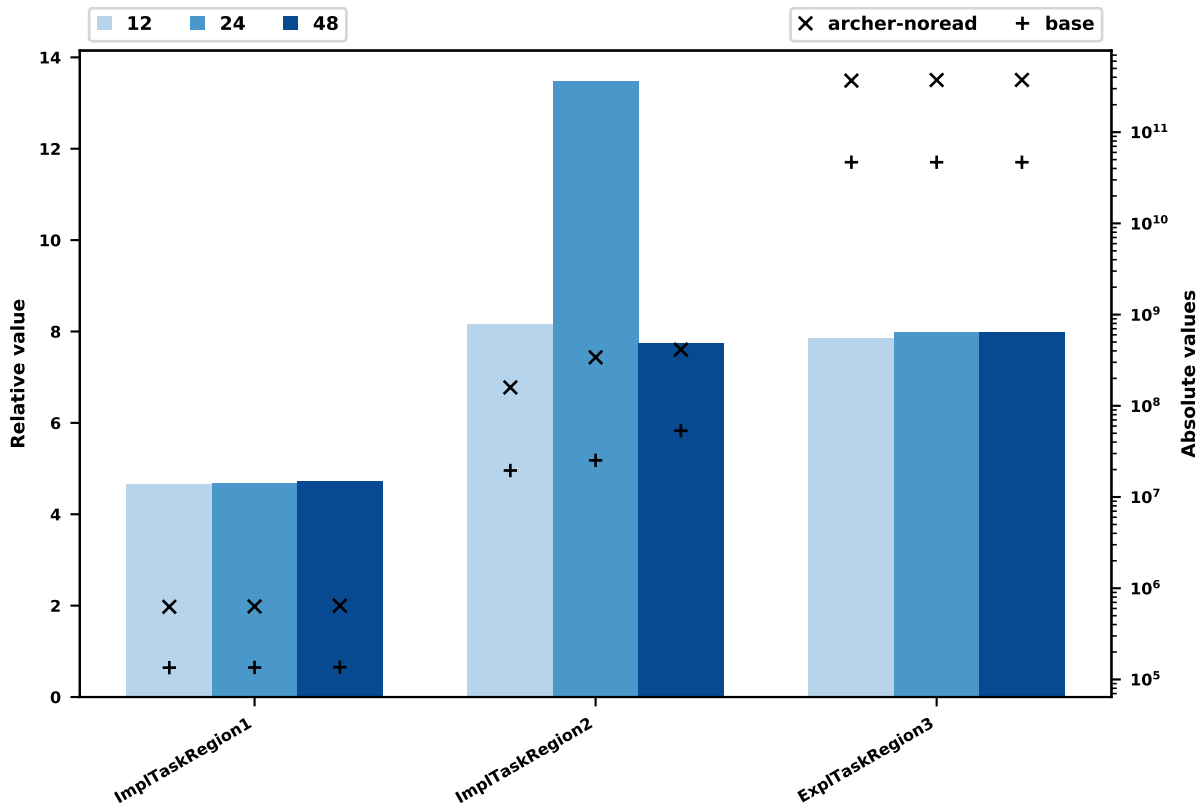


**B. Comparing 358.botsaln-tsan-noread variant with base  
for metric MEM\_INST\_RETIRED:ALL\_STORES**

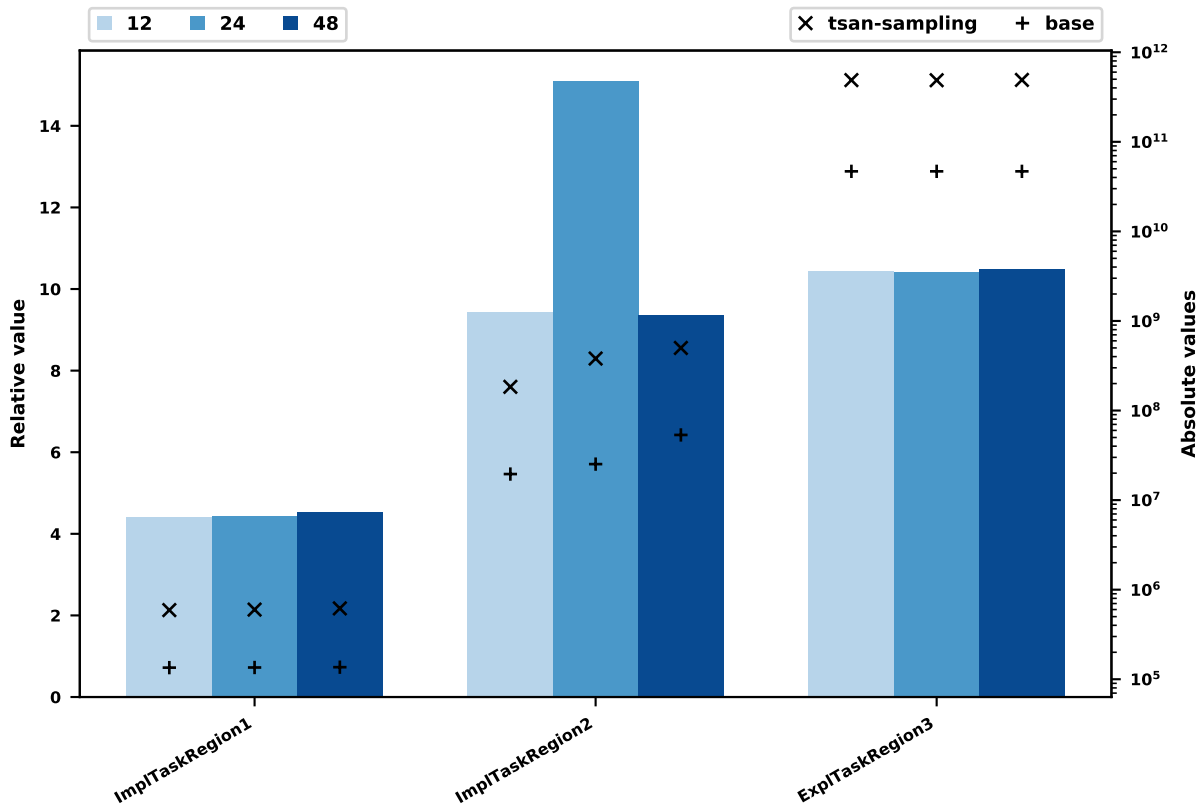




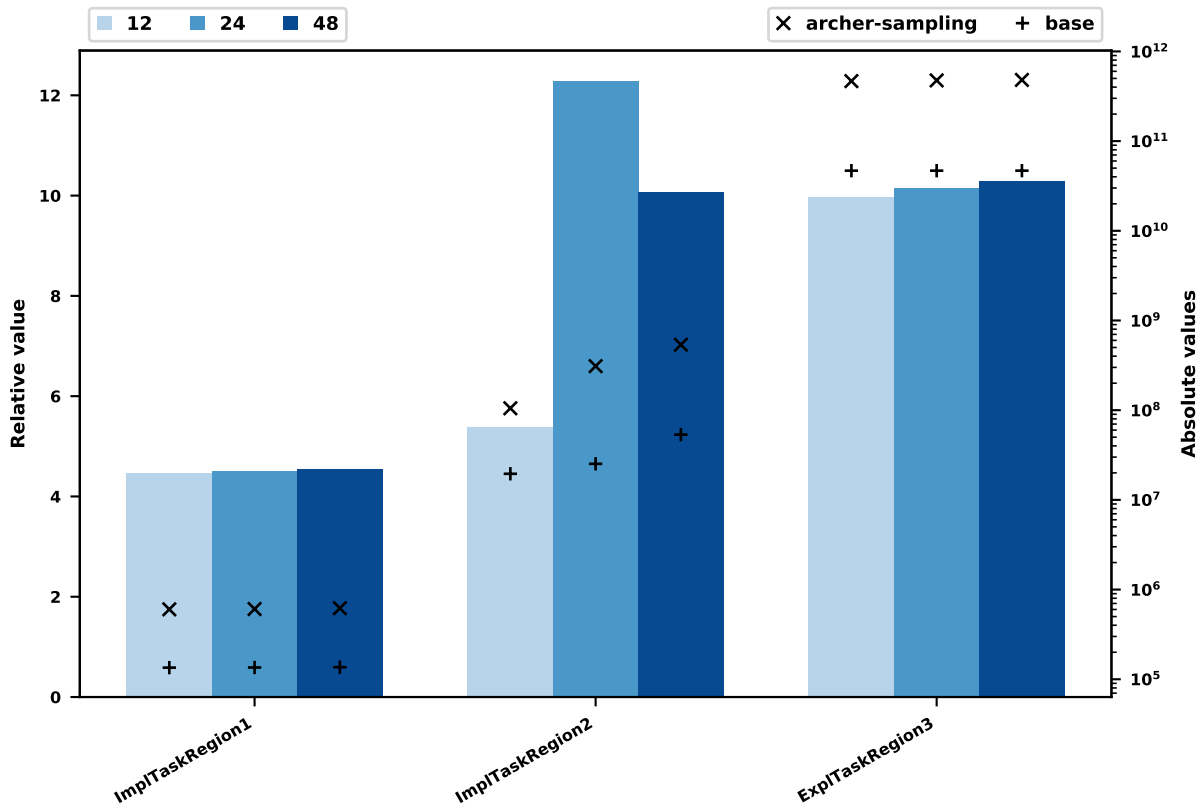
**B. Comparing 358.botsalgn-archer-noread variant with base  
for metric MEM\_INST\_RETIRED:ALL\_STORES**



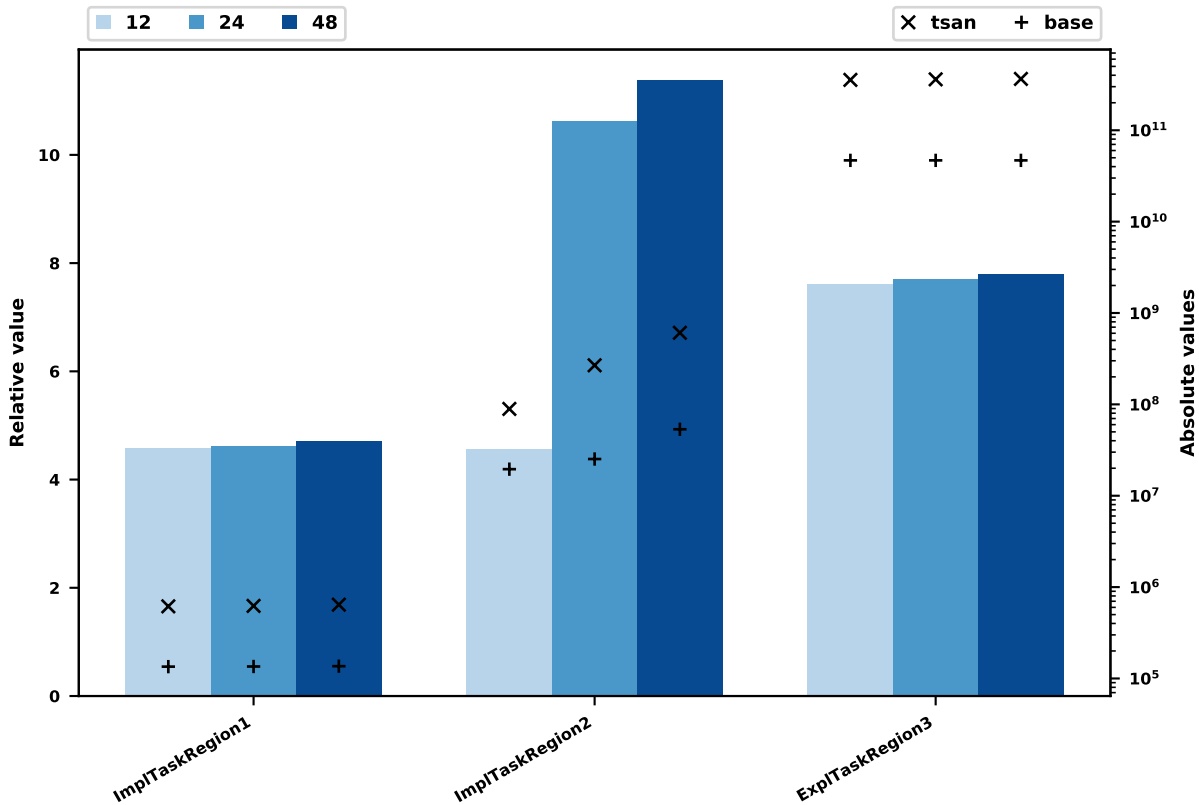
**B. Comparing 358.botsaln-tsan-sampling variant with base  
for metric MEM\_INST\_RETIRED:ALL\_STORES**



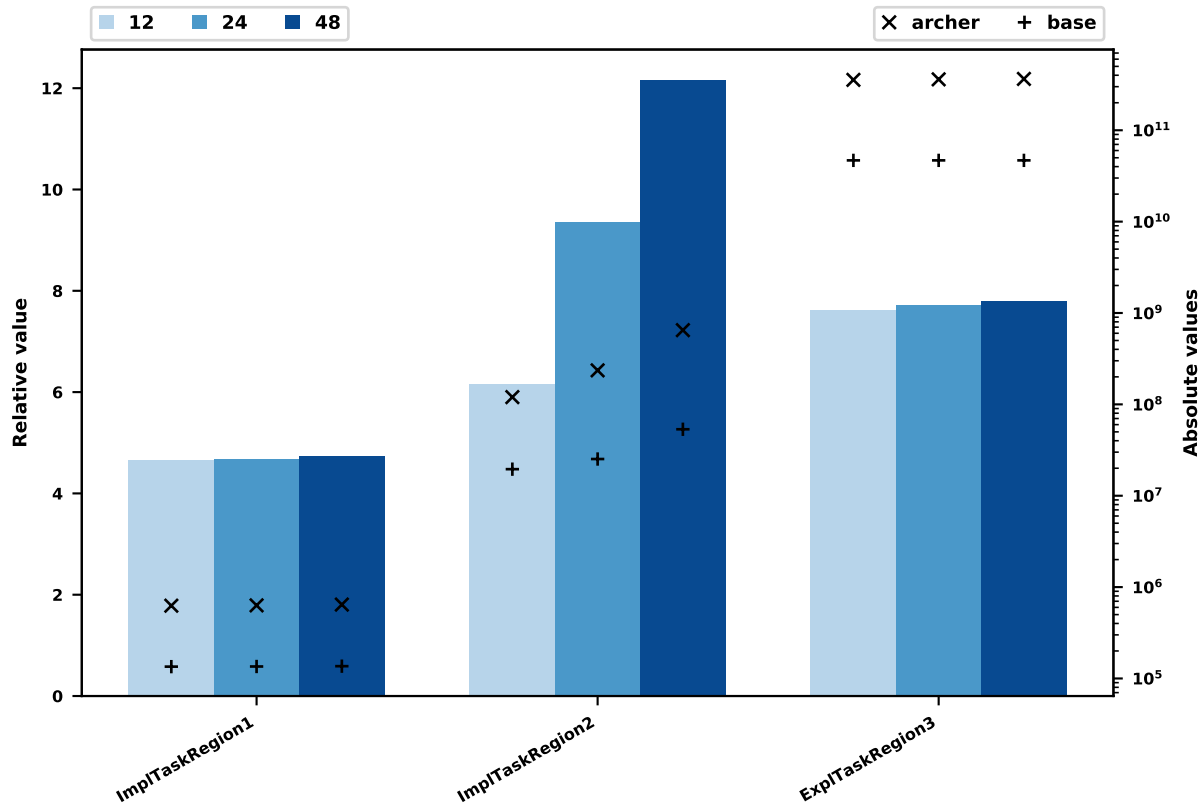
**B. Comparing 358.botsaln-archer-sampling variant with base  
for metric MEM\_INST\_RETIRED:ALL\_STORES**



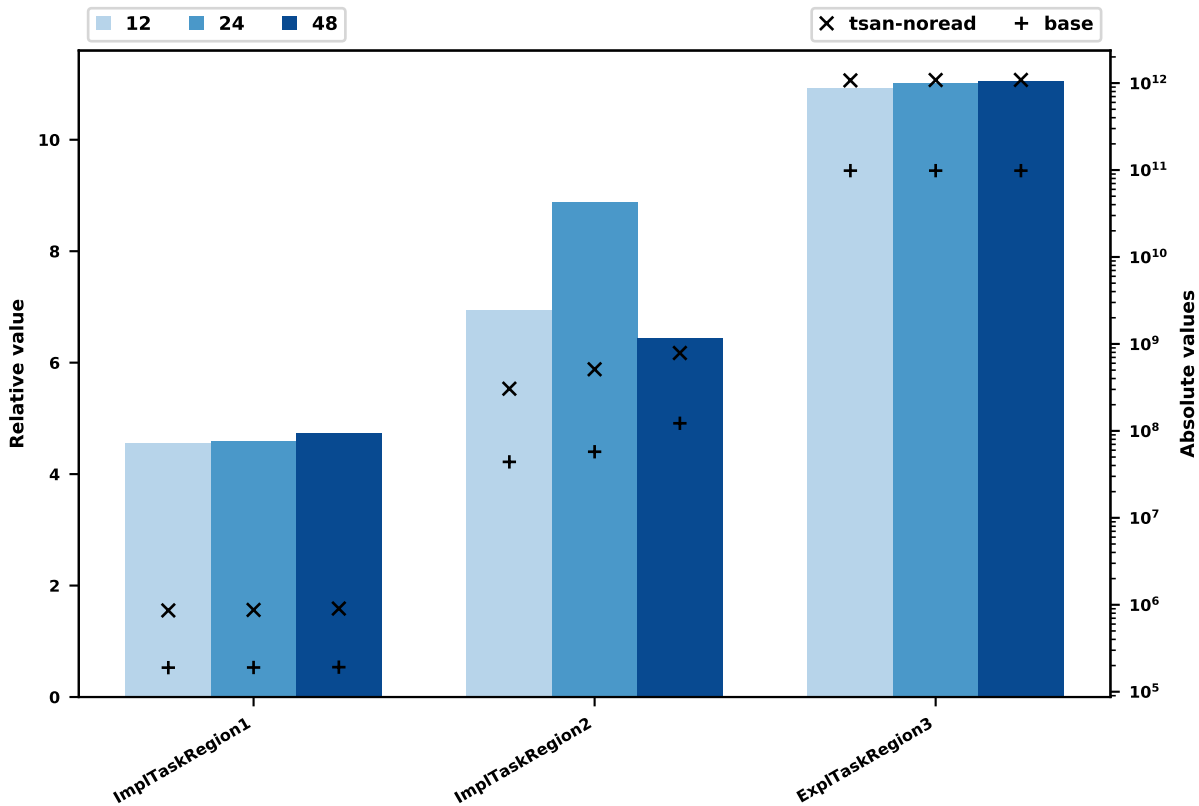
**B. Comparing 358.botsaln-tsan variant with base  
for metric MEM\_INST\_RETIRED:ALL\_STORES**



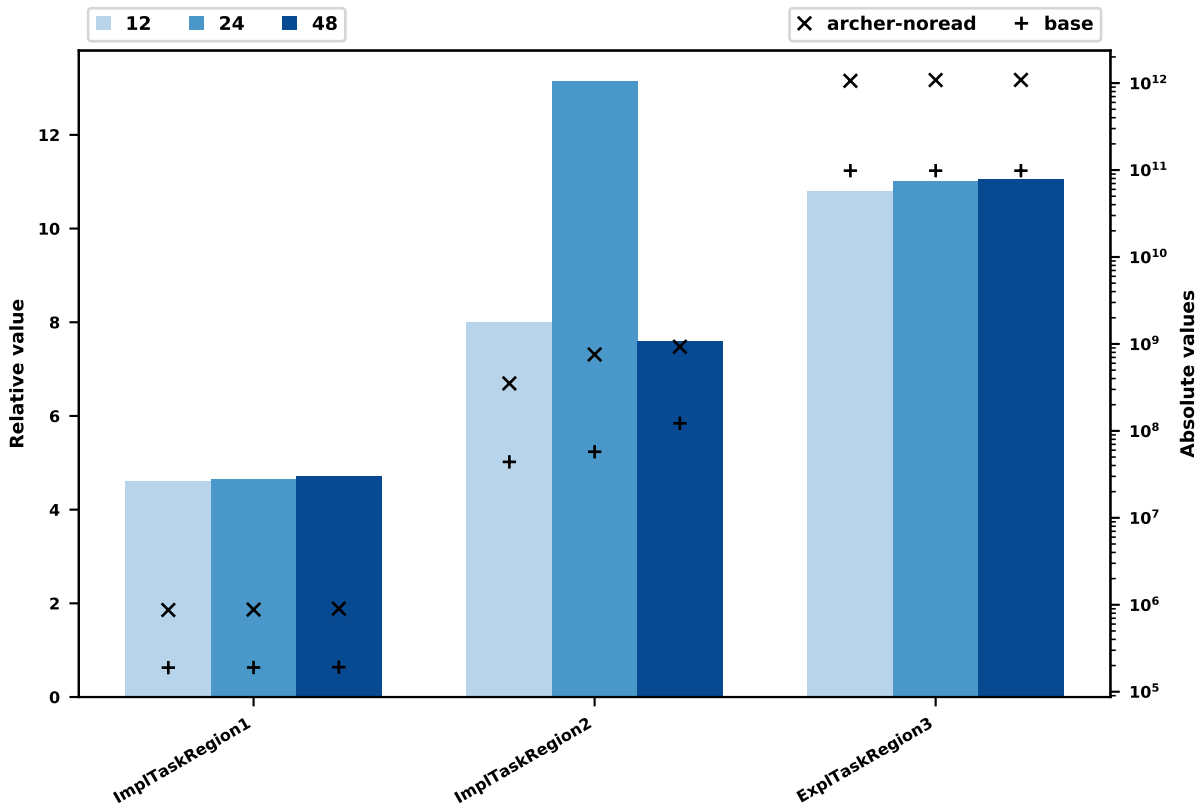
## B. Comparing 358.botsaln-archer variant with base for metric MEM\_INST\_RETIRED:ALL\_STORES



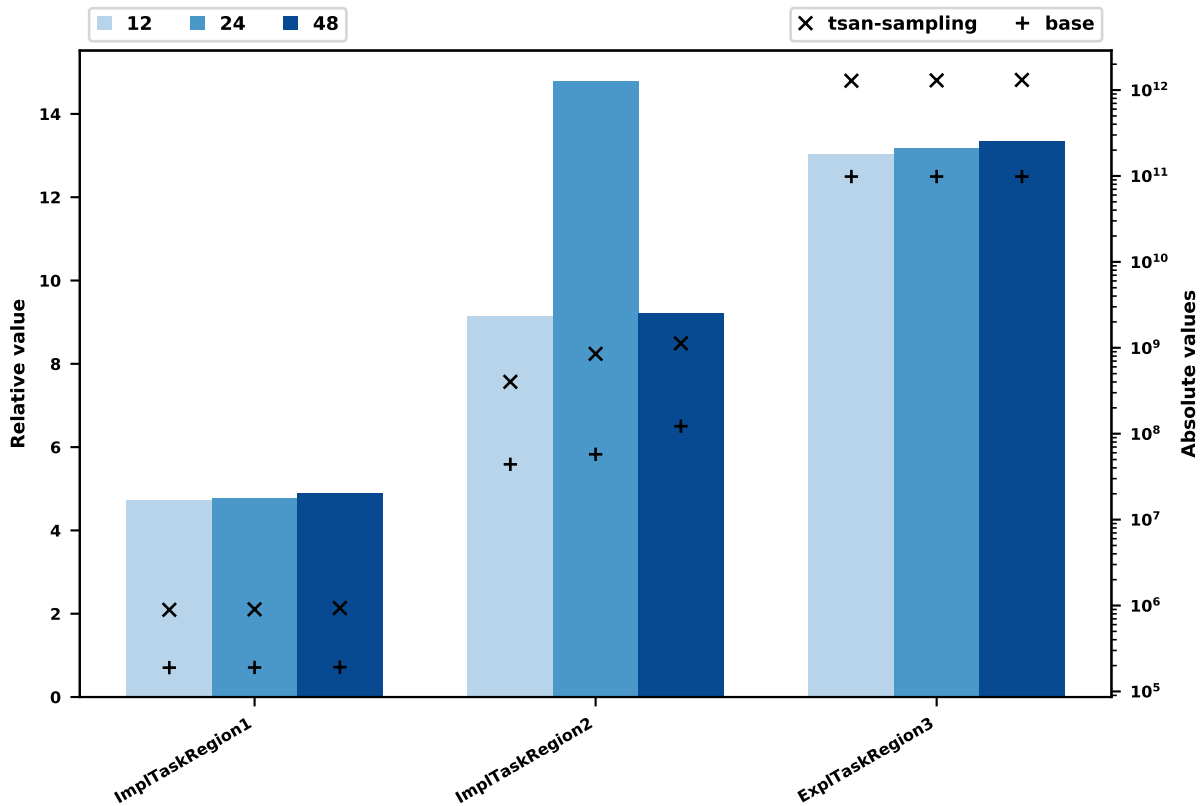
**B. Comparing 358.botsaln-tsan-noread variant with base  
for metric MEM\_INST\_RETIRED:ALL\_LOADS**



# B. Comparing 358.botsaln-archer-noread variant with base for metric MEM\_INST\_RETIRED:ALL\_LOADS

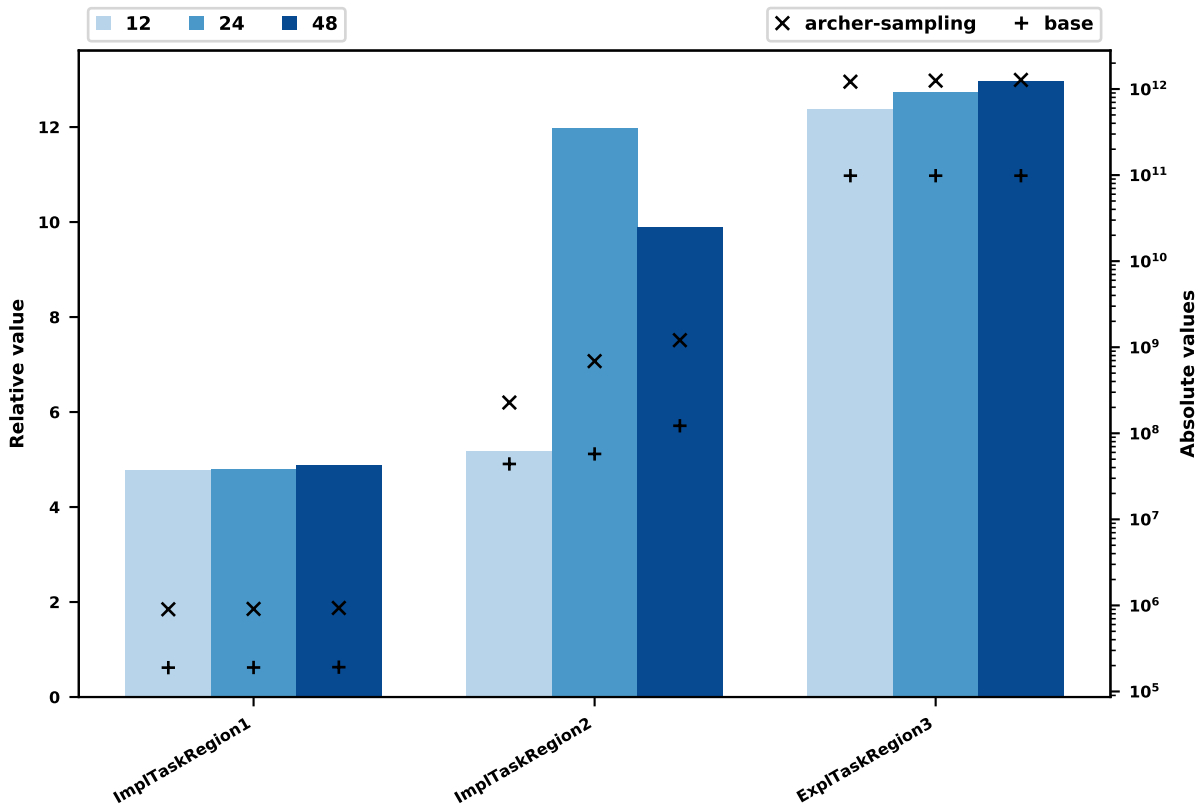


**B. Comparing 358.botsaln-tsan-sampling variant with base  
for metric MEM\_INST\_RETIRED:ALL\_LOADS**

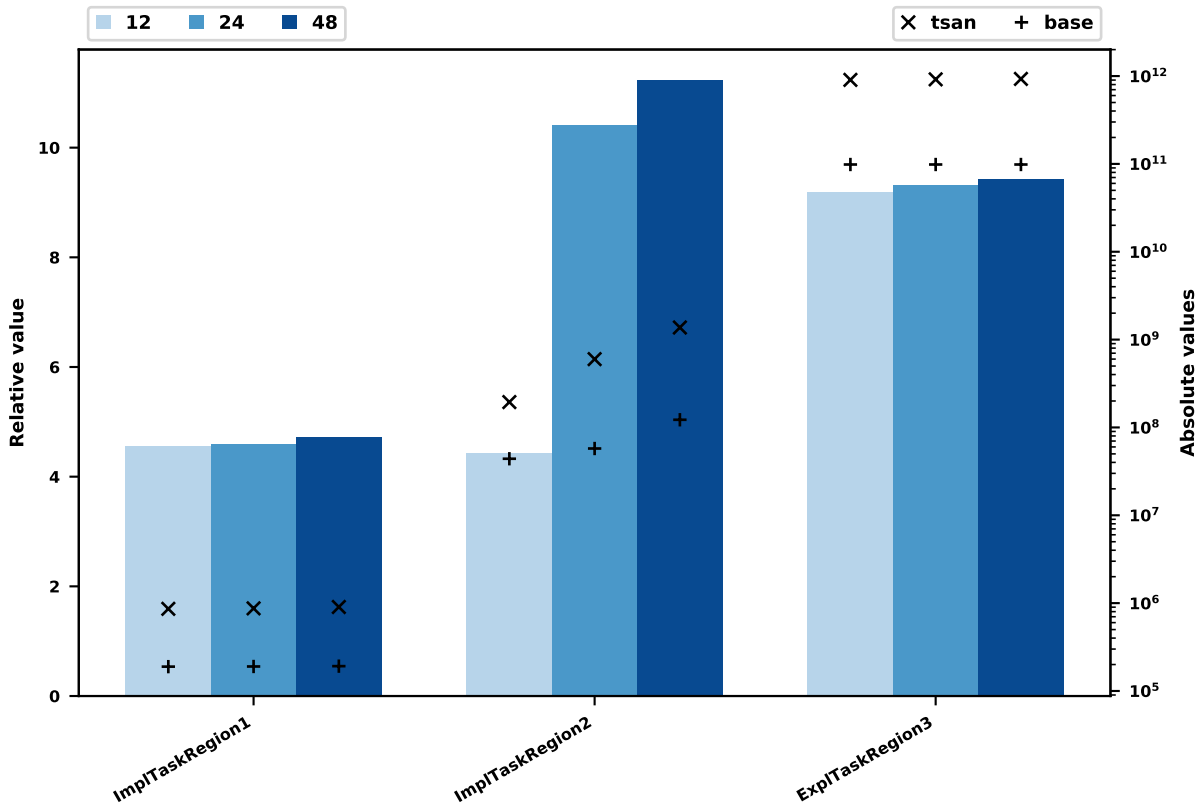




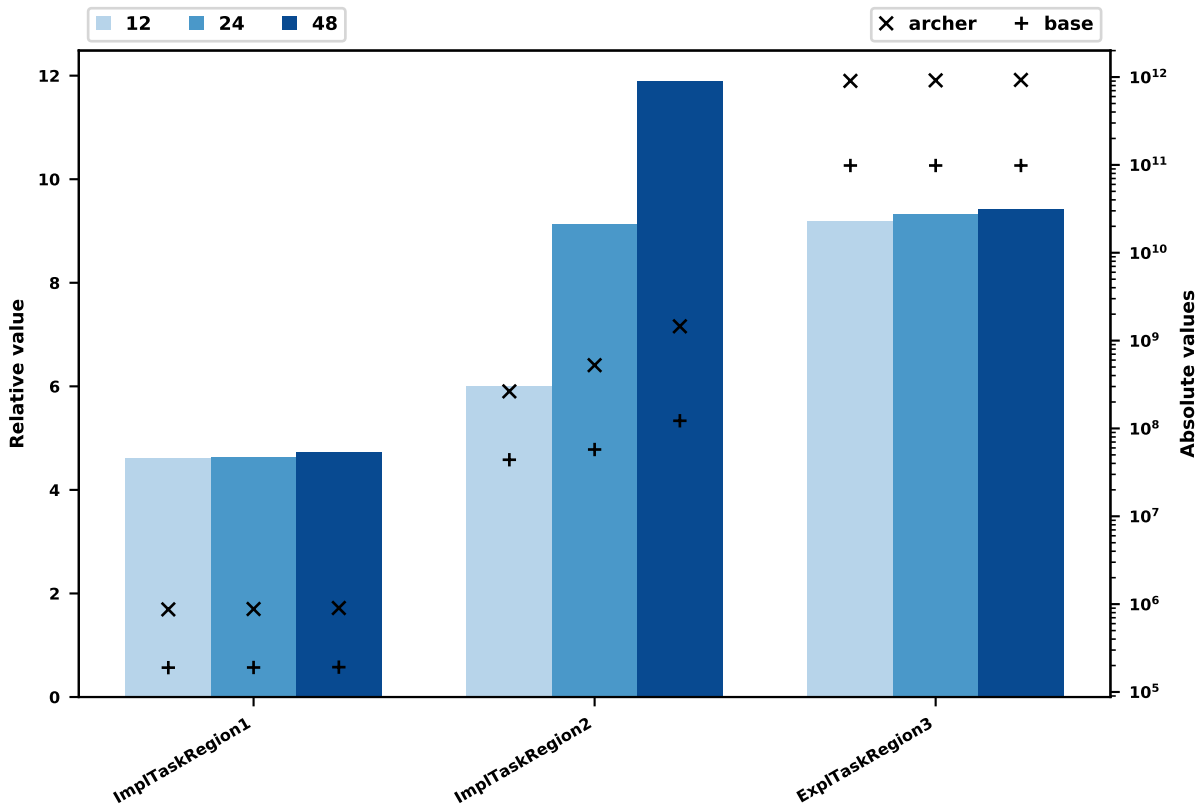
## B. Comparing 358.botsaln-archer-sampling variant with base for metric MEM\_INST\_RETIRED:ALL\_LOADS



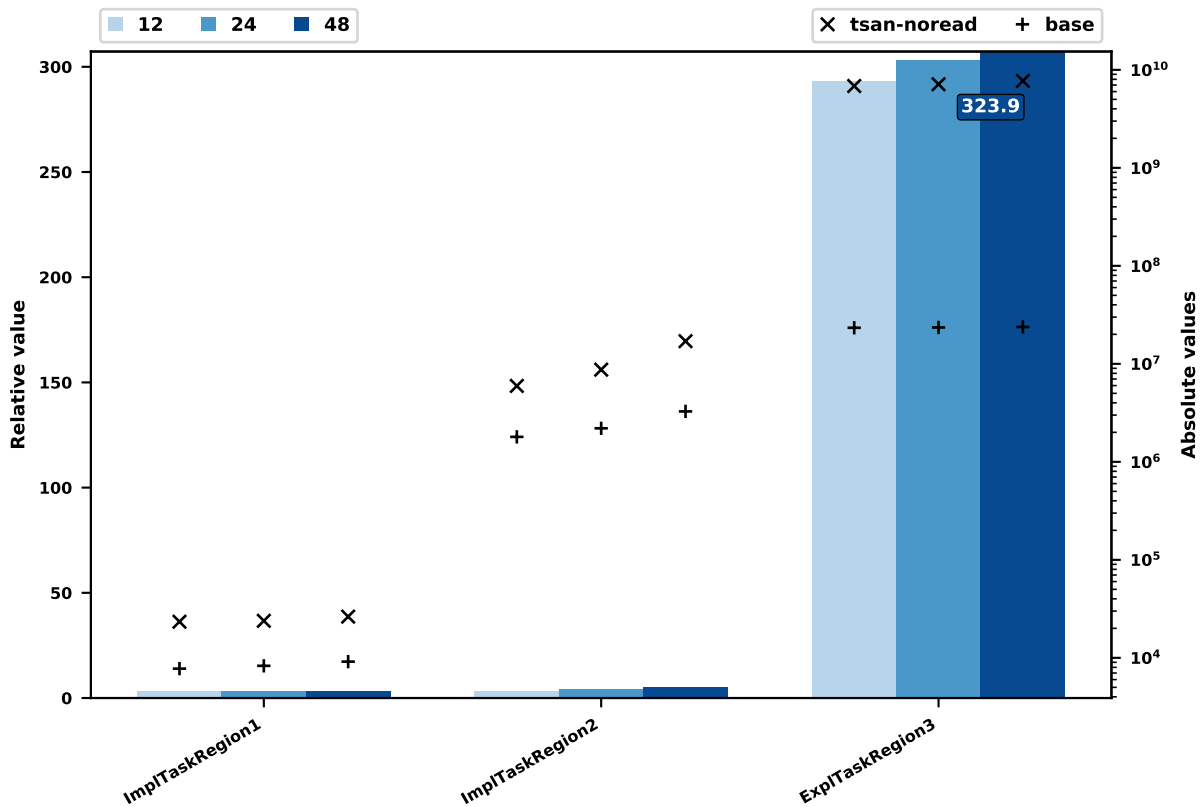
**B. Comparing 358.botsaln-tsan variant with base  
for metric MEM\_INST\_RETIRED:ALL\_LOADS**



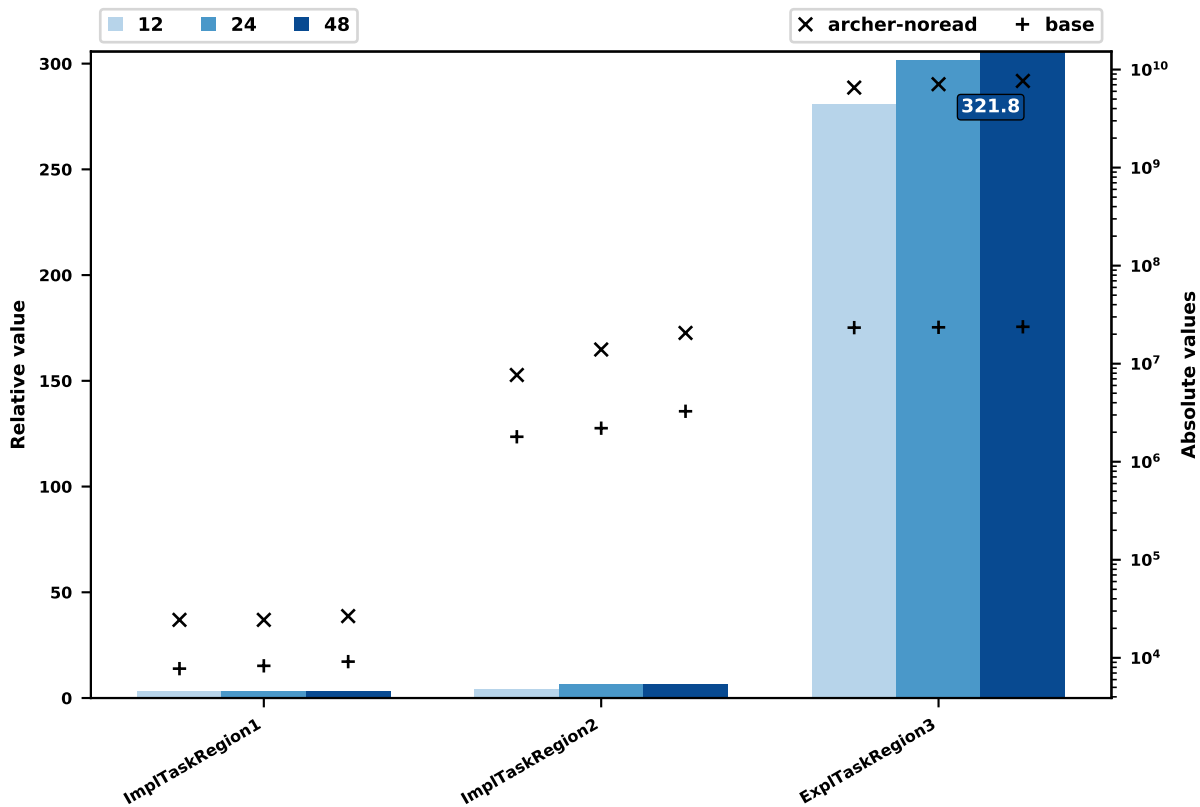
## B. Comparing 358.botsaln-archer variant with base for metric MEM\_INST\_RETIRED:ALL\_LOADS



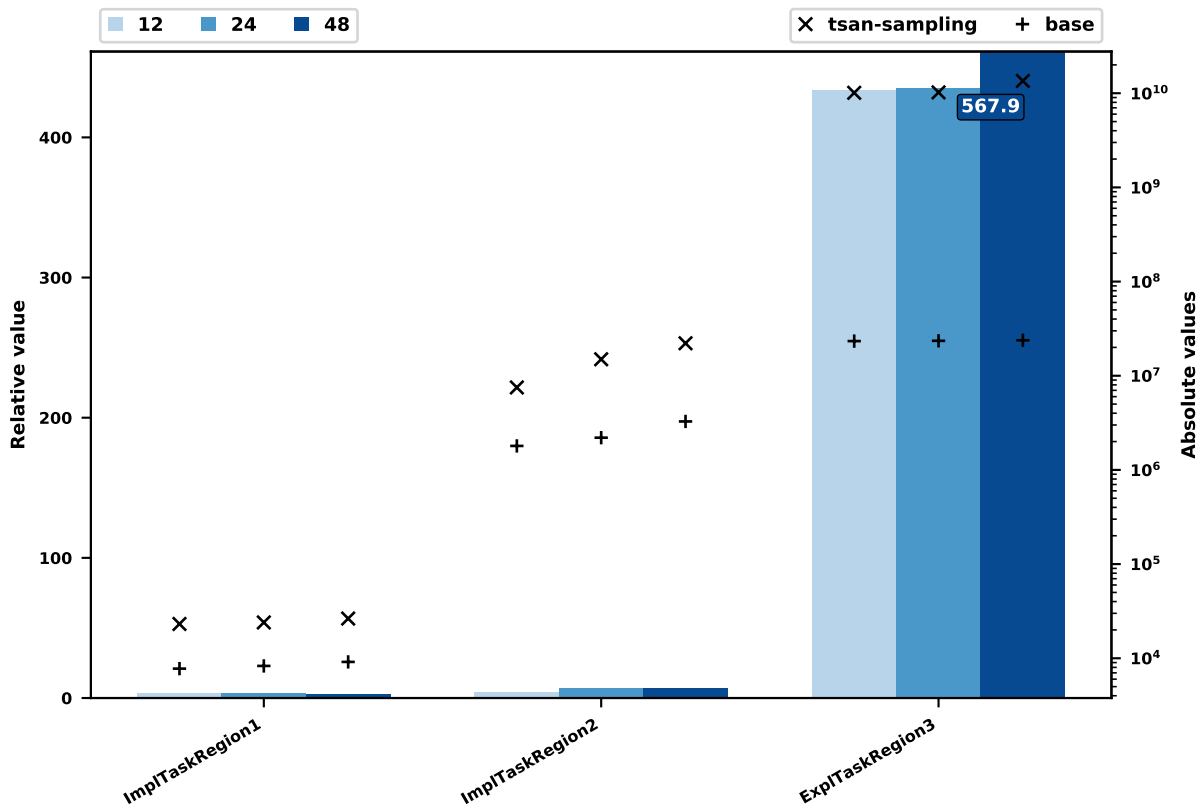
## B. Comparing 358.botsaln-tsan-noread variant with base for metric L1D:REPLACEMENT



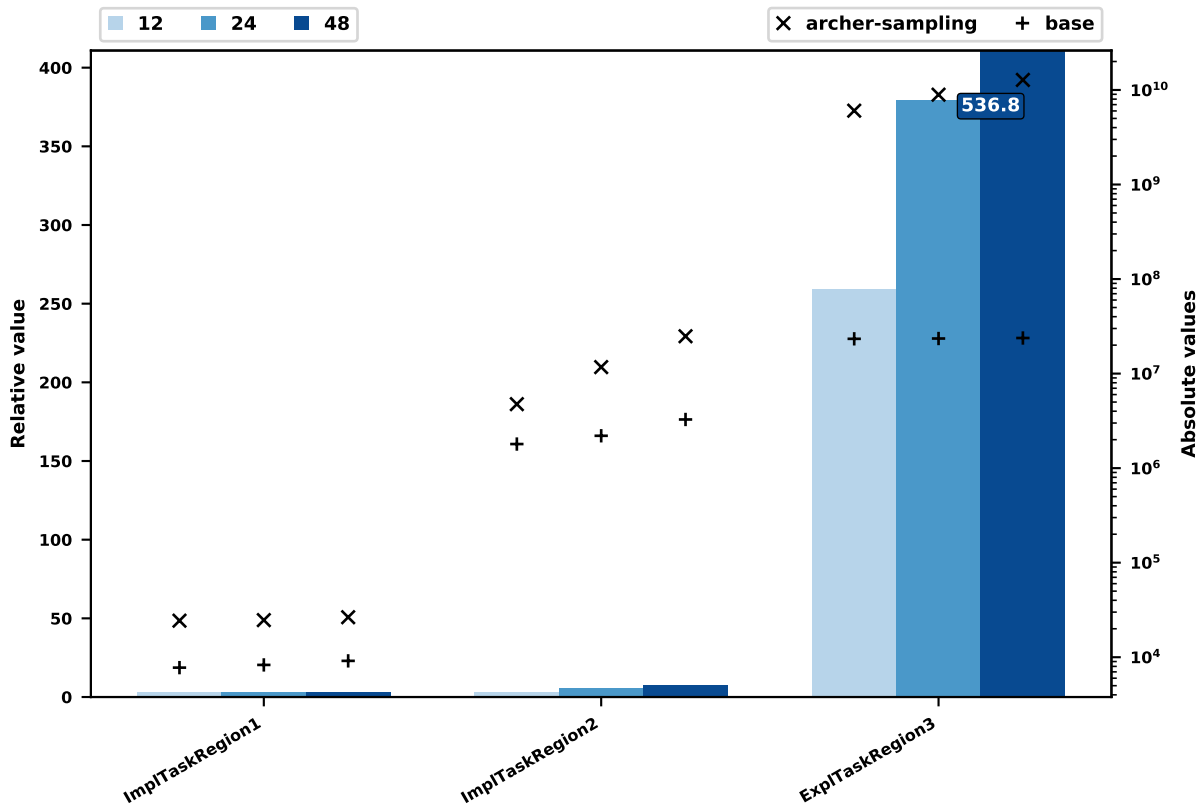
## B. Comparing 358.botsaln-archer-noread variant with base for metric L1D:REPLACEMENT



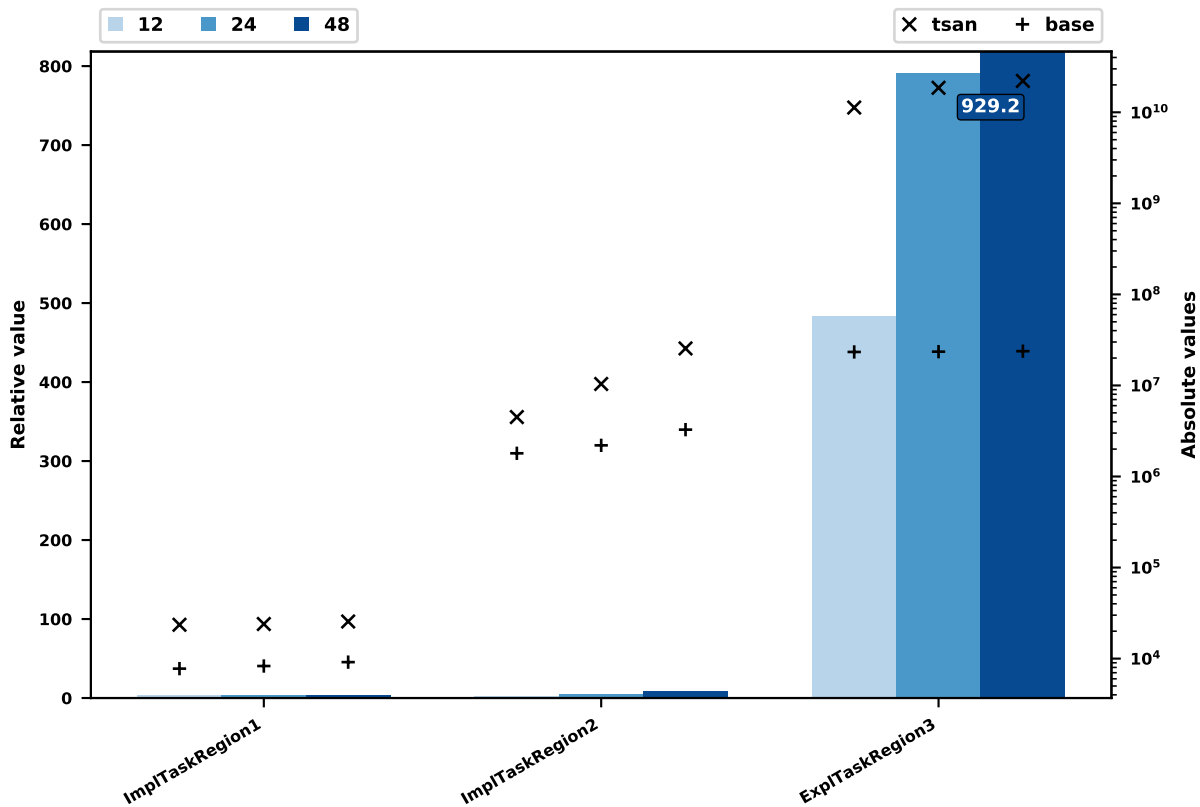
## B. Comparing 358.botsalign-tsan-sampling variant with base for metric L1D:REPLACEMENT



## B. Comparing 358.botsaln-archer-sampling variant with base for metric L1D:REPLACEMENT

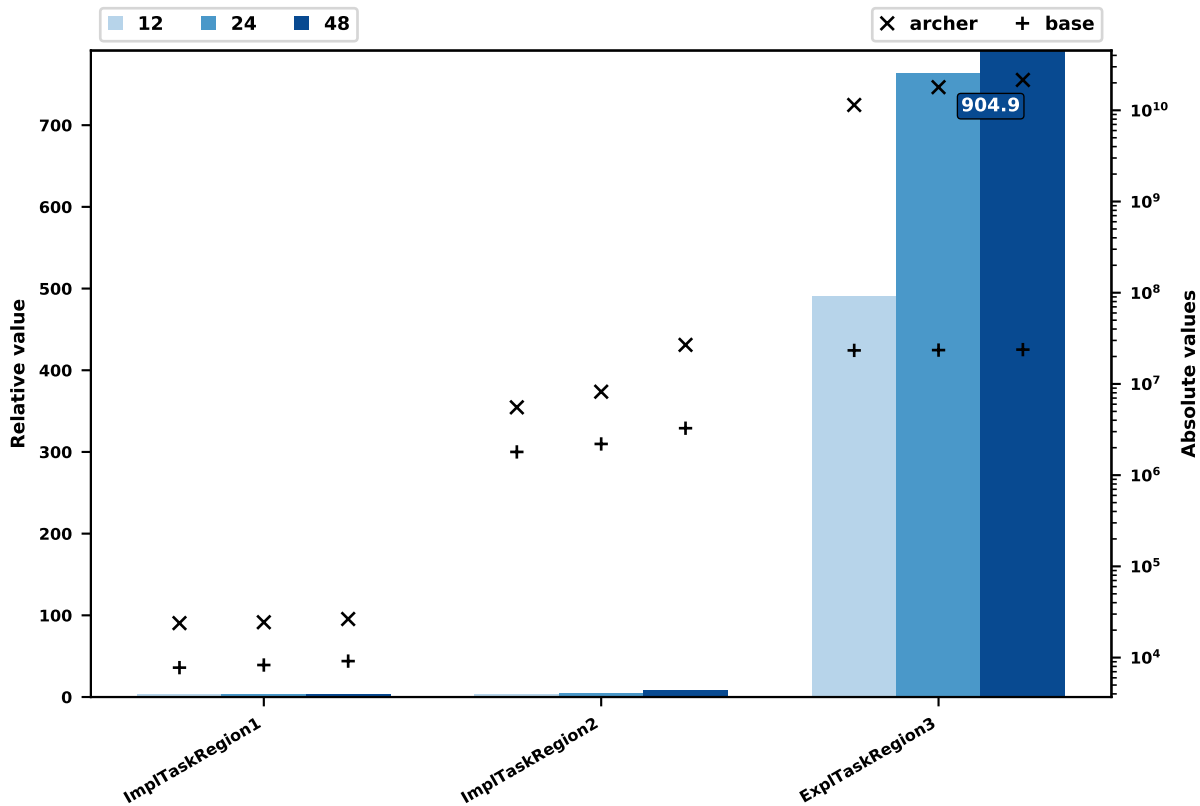


## B. Comparing 358.botsaln-tsan variant with base for metric L1D:REPLACEMENT

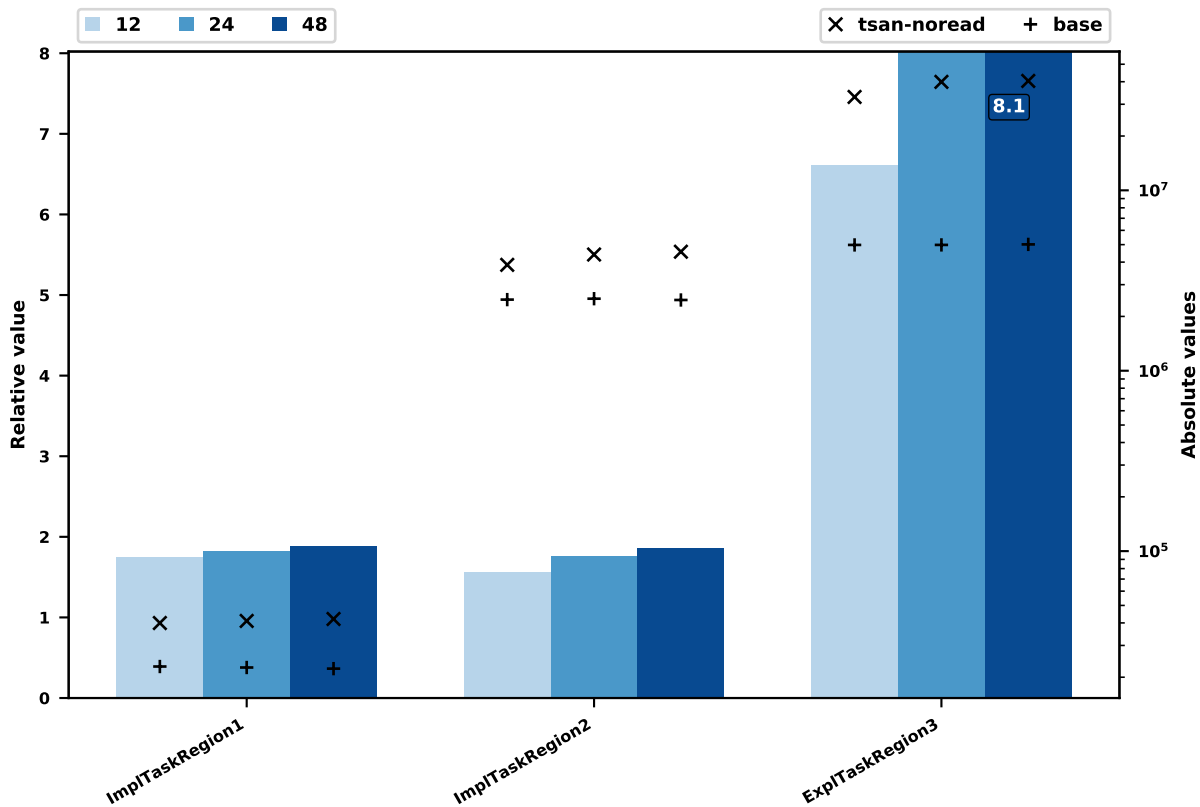




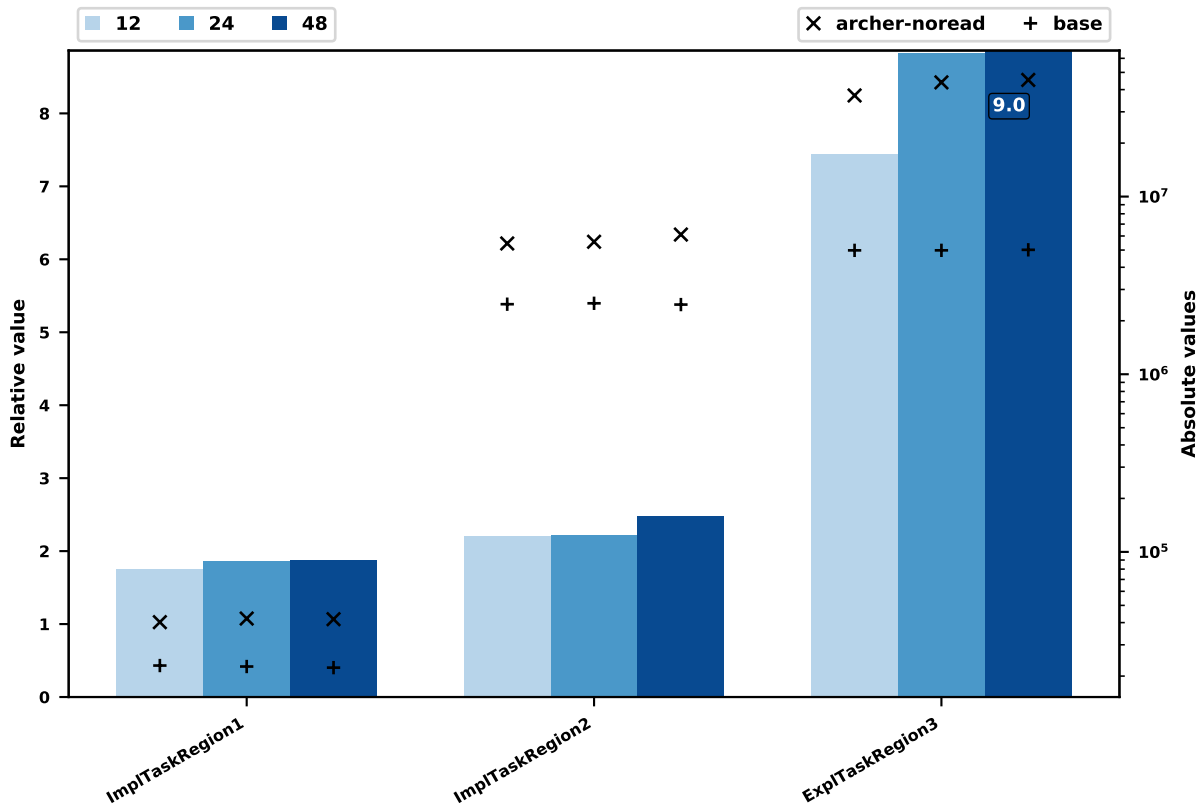
## B. Comparing 358.botsaln-archer variant with base for metric L1D:REPLACEMENT



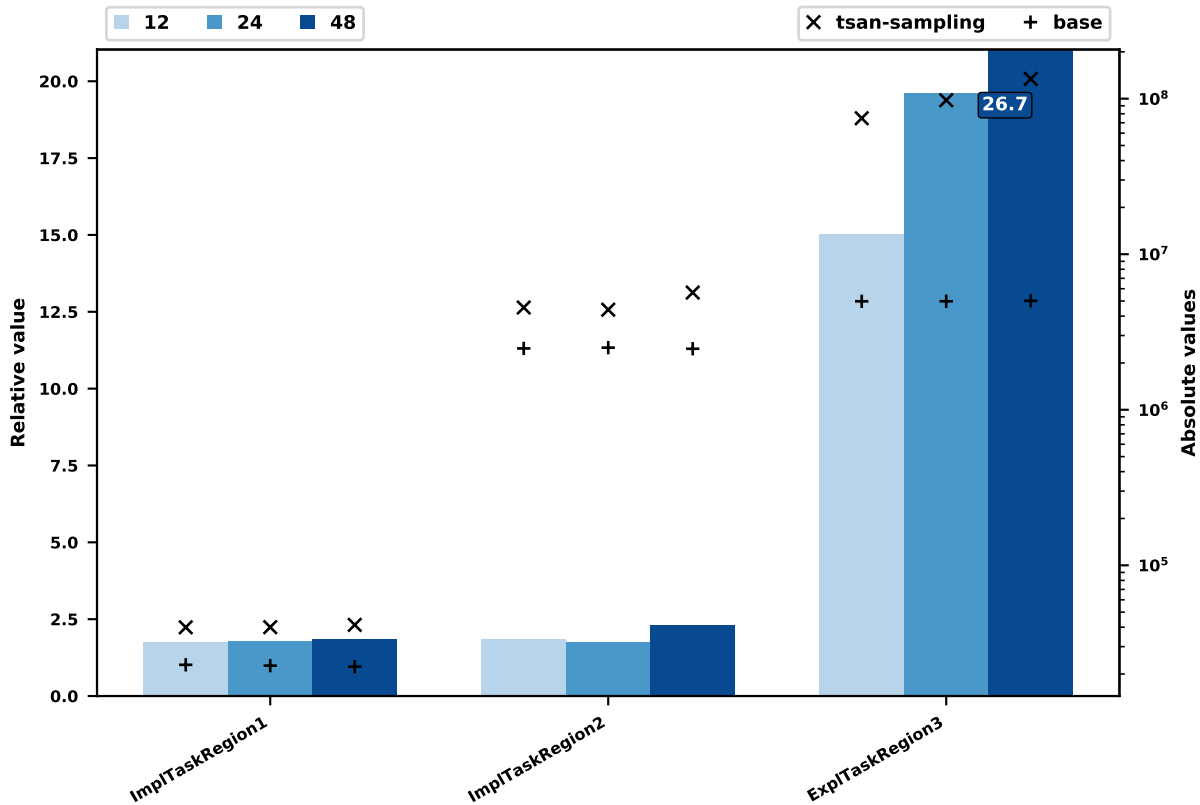
**B. Comparing 358.botsalign-tsan-noread variant with base  
for metric L2\_RQSTS:ALL\_CODE\_RD**



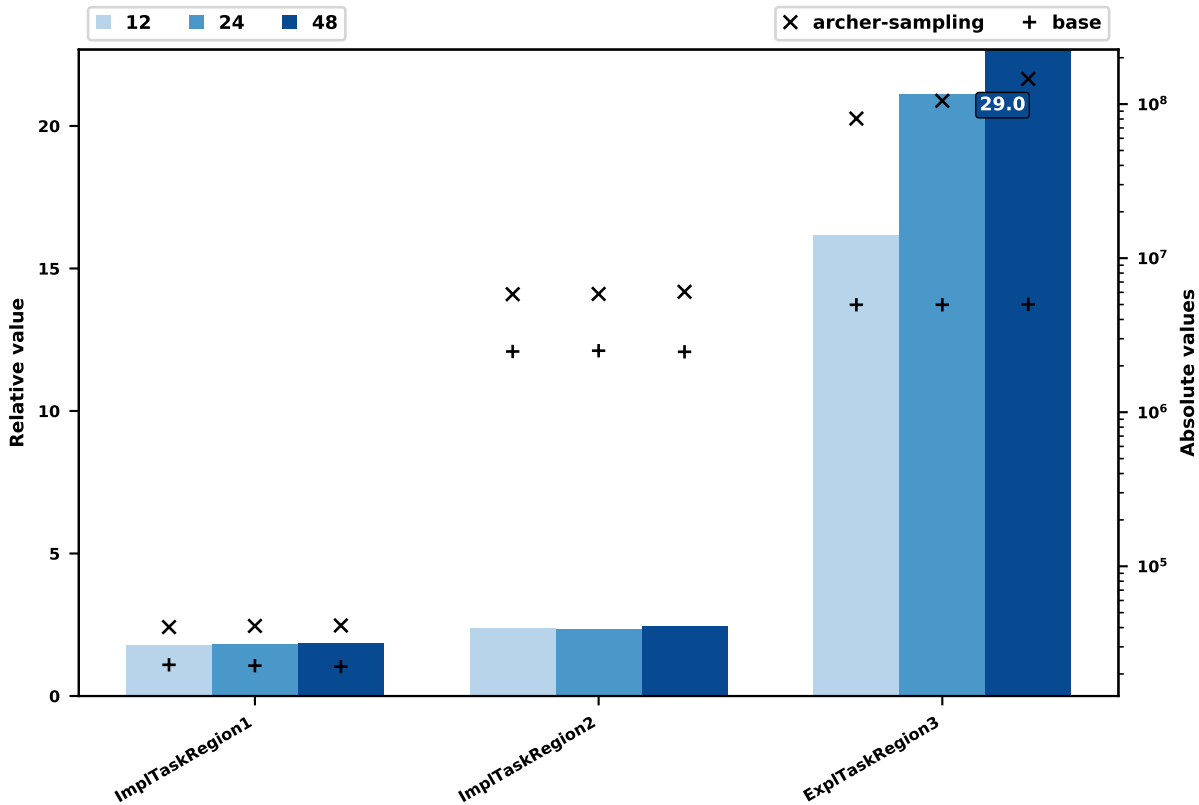
# B. Comparing 358.botsaln-archer-noread variant with base for metric L2\_RQSTS:ALL\_CODE\_RD



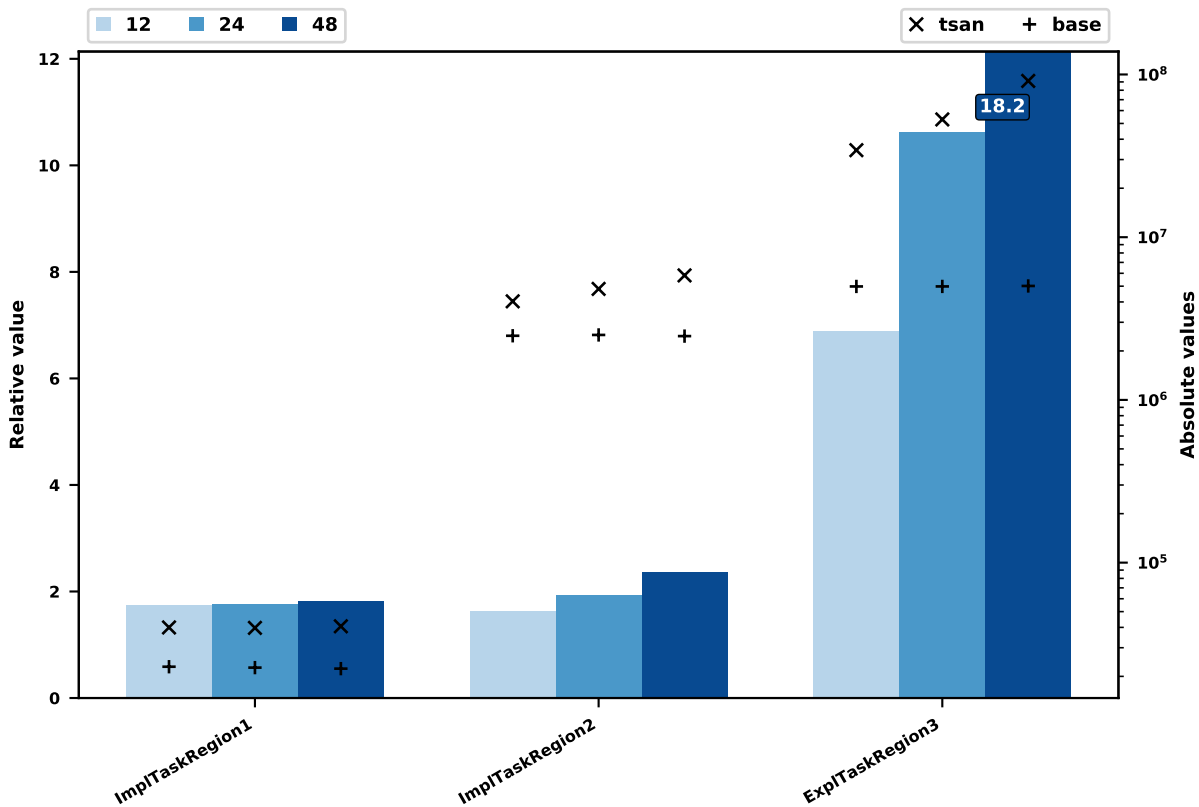
## B. Comparing 358.botsalign-tsan-sampling variant with base for metric L2\_RQSTS:ALL\_CODE\_RD



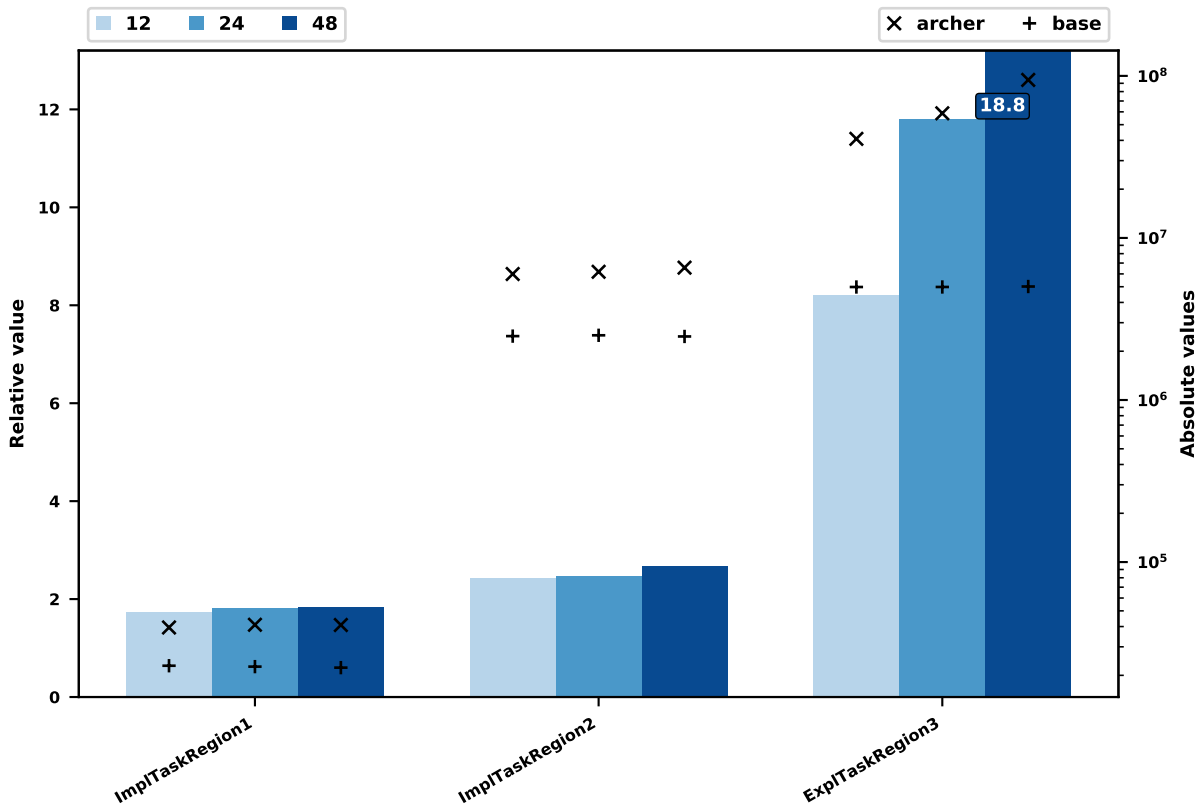
## B. Comparing 358.botsaln-archer-sampling variant with base for metric L2\_RQSTS:ALL\_CODE\_RD



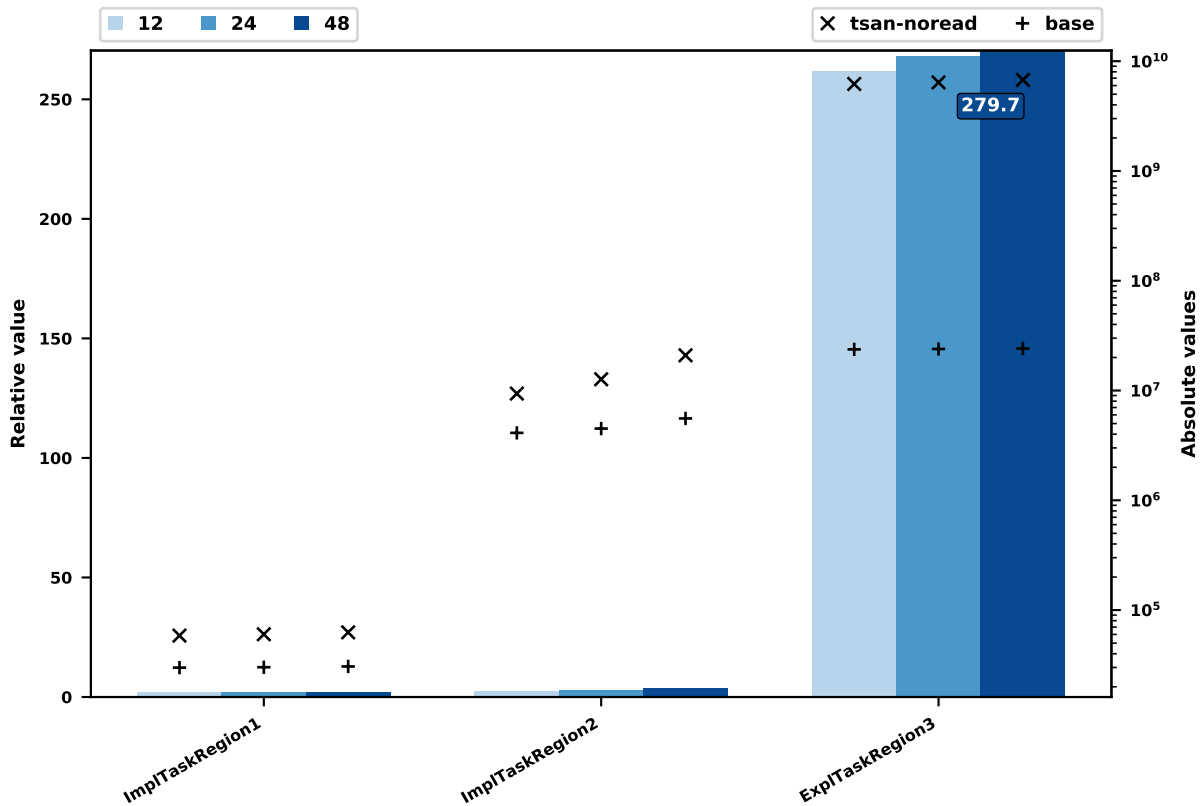
**B. Comparing 358.botsalgn-tsan variant with base  
for metric L2\_RQSTS:ALL\_CODE\_RD**



**B. Comparing 358.botsalgn-archer variant with base  
for metric L2\_RQSTS:ALL\_CODE\_RD**

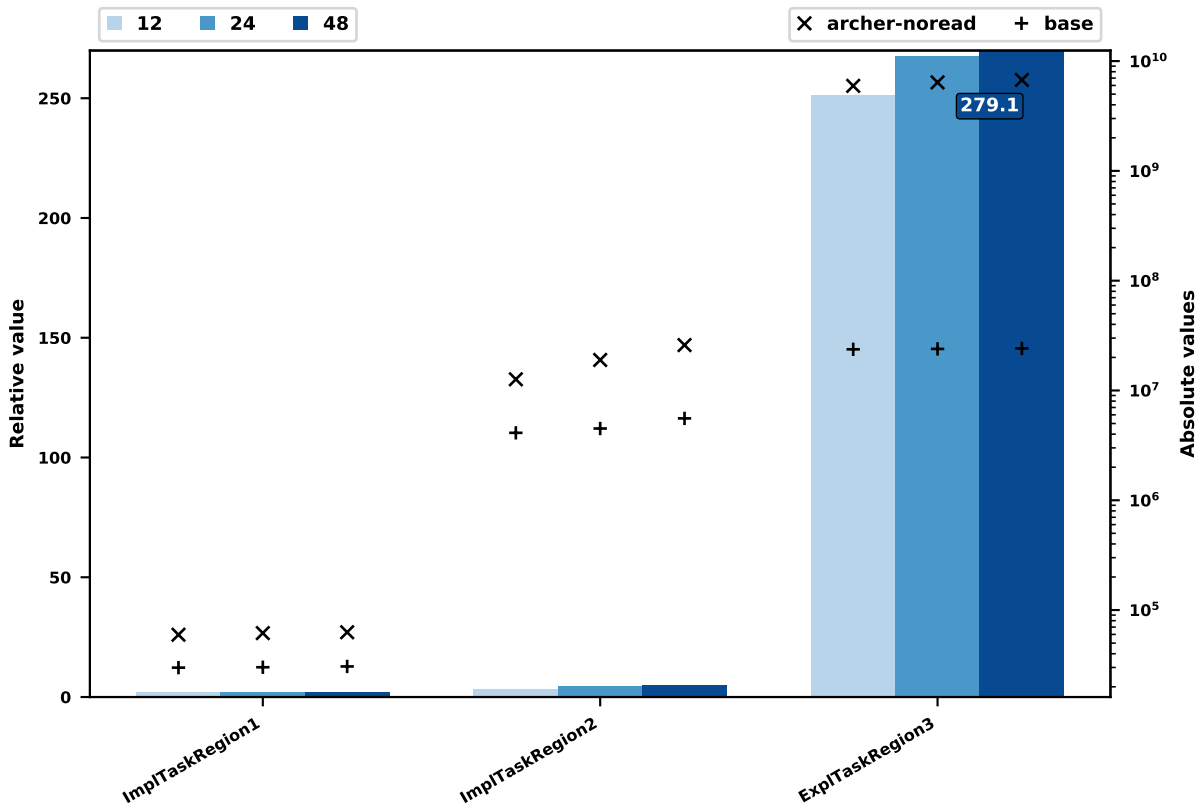


## B. Comparing 358.botsaln-tsan-noread variant with base for metric L2\_RQSTS:ALL\_DEMAND\_REFERENCES

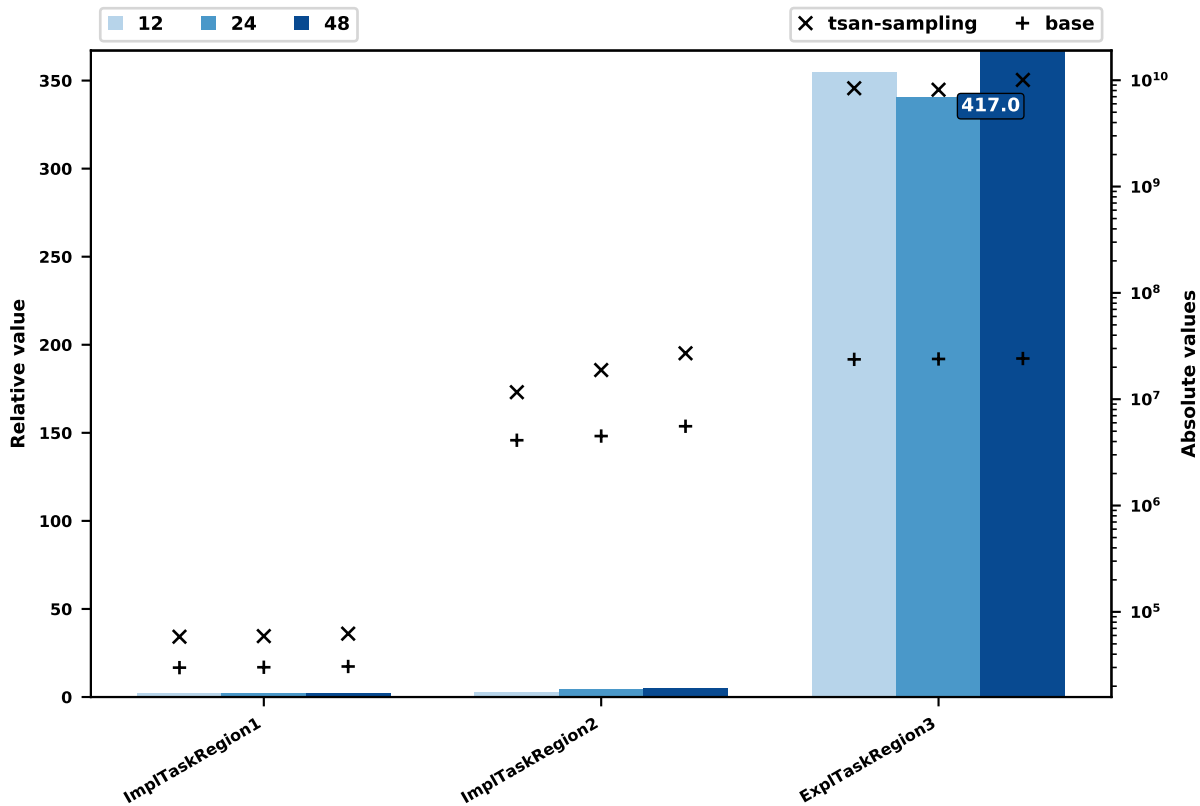




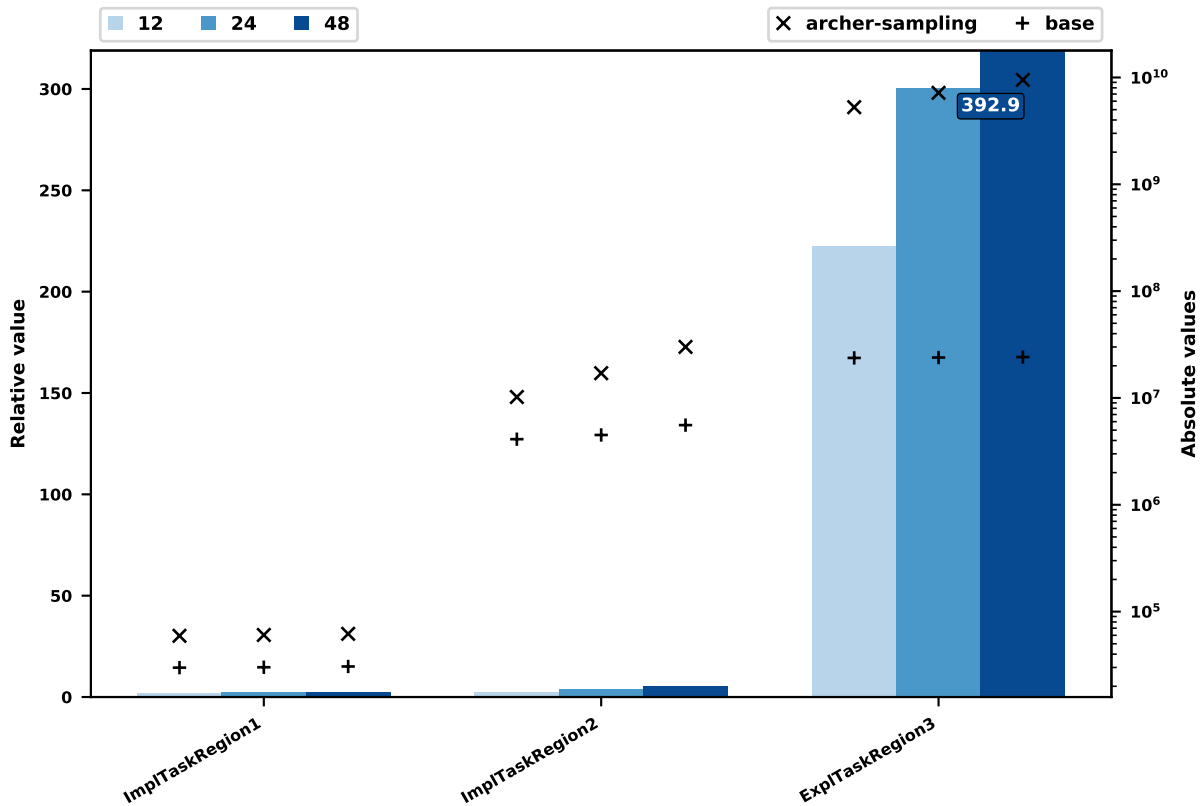
# B. Comparing 358.botsaln-archer-noread variant with base for metric L2\_RQSTS:ALL\_DEMAND\_REFERENCES



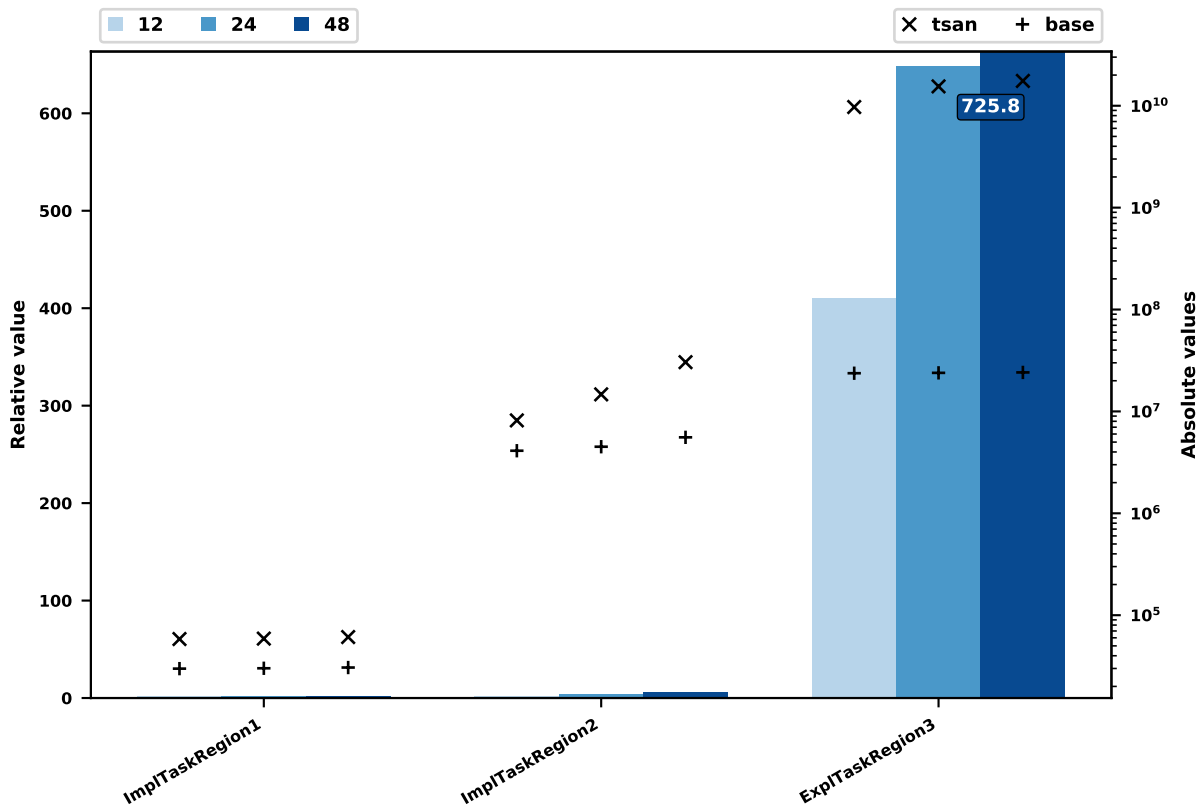
## B. Comparing 358.botsalign-tsan-sampling variant with base for metric L2\_RQSTS:ALL\_DEMAND\_REFERENCES



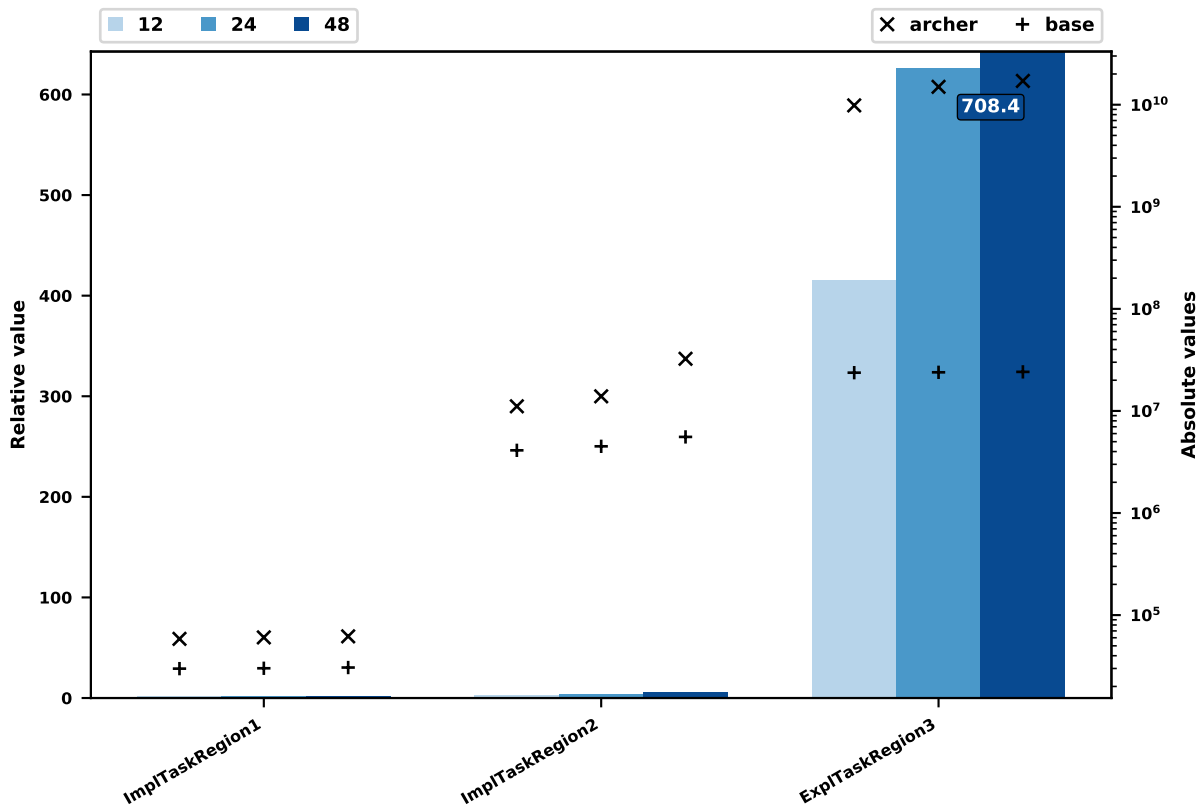
## B. Comparing 358.botsalgn-archer-sampling variant with base for metric L2\_RQSTS:ALL\_DEMAND\_REFERENCES



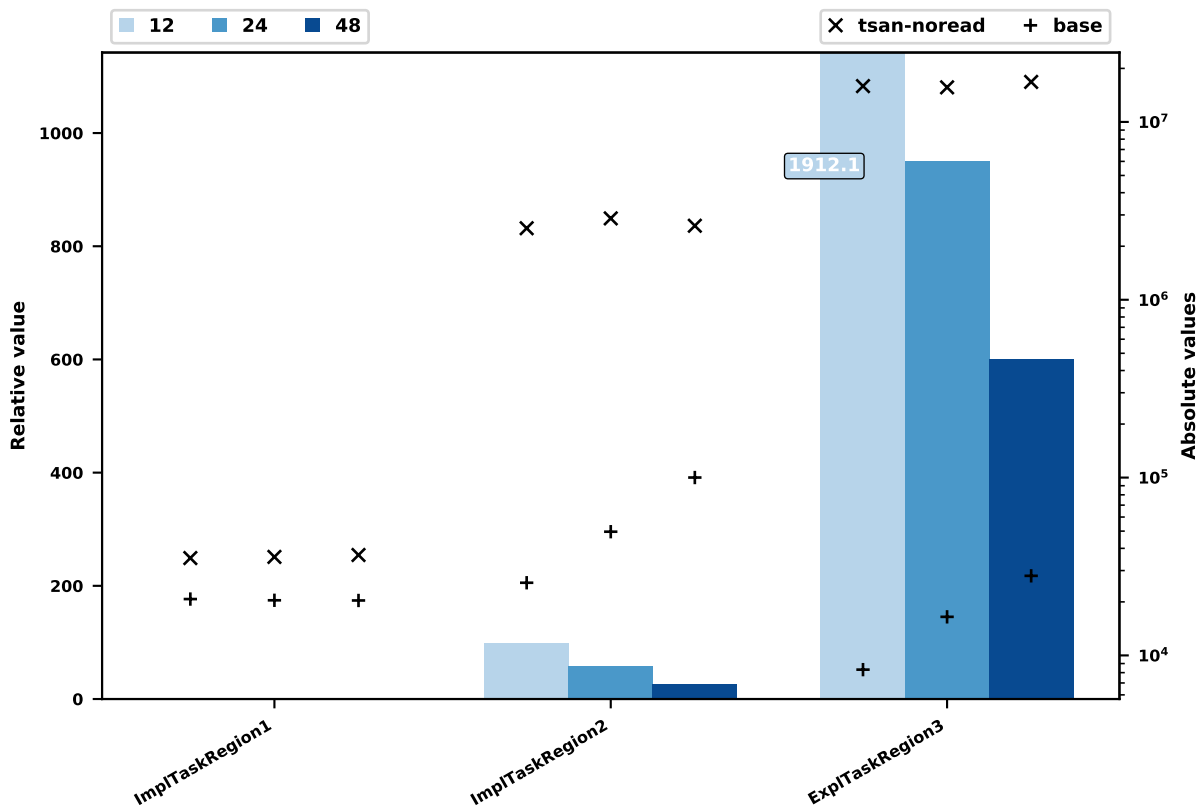
## B. Comparing 358.botsaln-tsan variant with base for metric L2\_RQSTS:ALL\_DEMAND\_REFERENCES



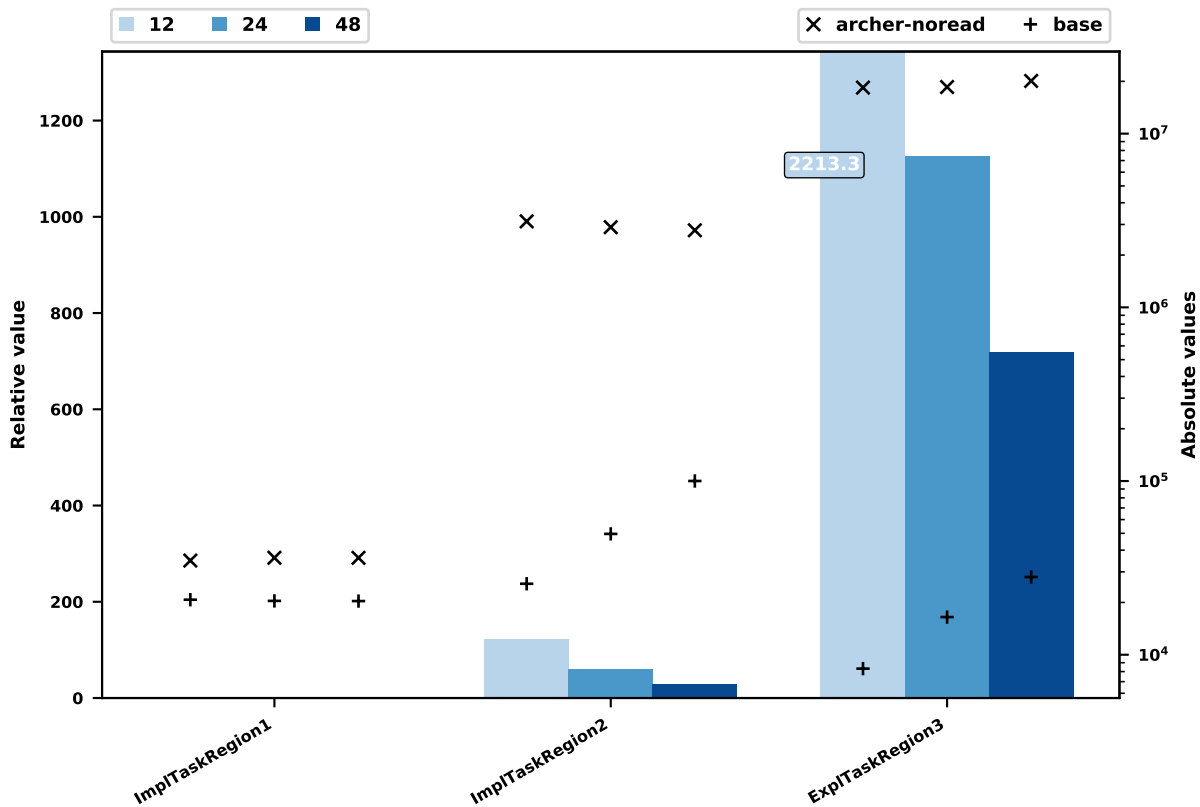
# B. Comparing 358.botsaln-archer variant with base for metric L2\_RQSTS:ALL\_DEMAND\_REFERENCES



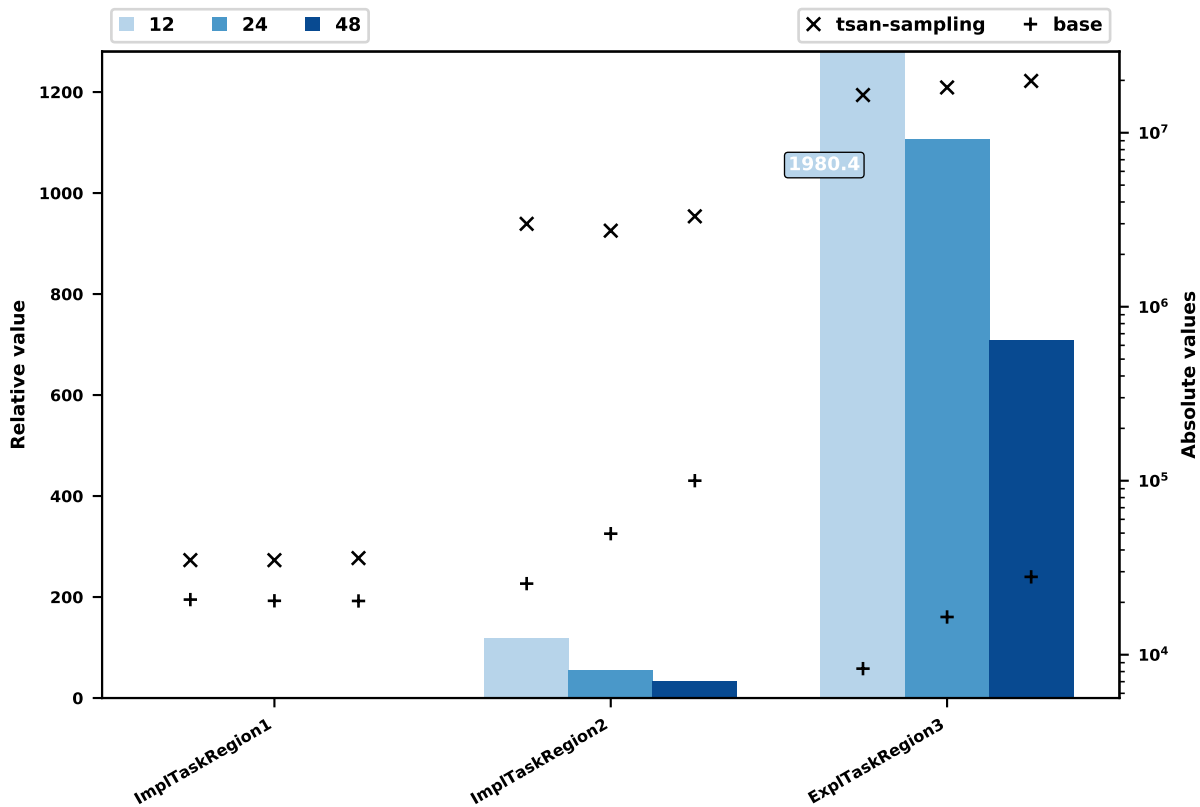
**B. Comparing 358.botsaln-tsan-noread variant with base  
for metric L2\_RQSTS:CODE\_RD\_MISS**



## B. Comparing 358.botsaln-archer-noread variant with base for metric L2\_RQSTS:CODE\_RD\_MISS

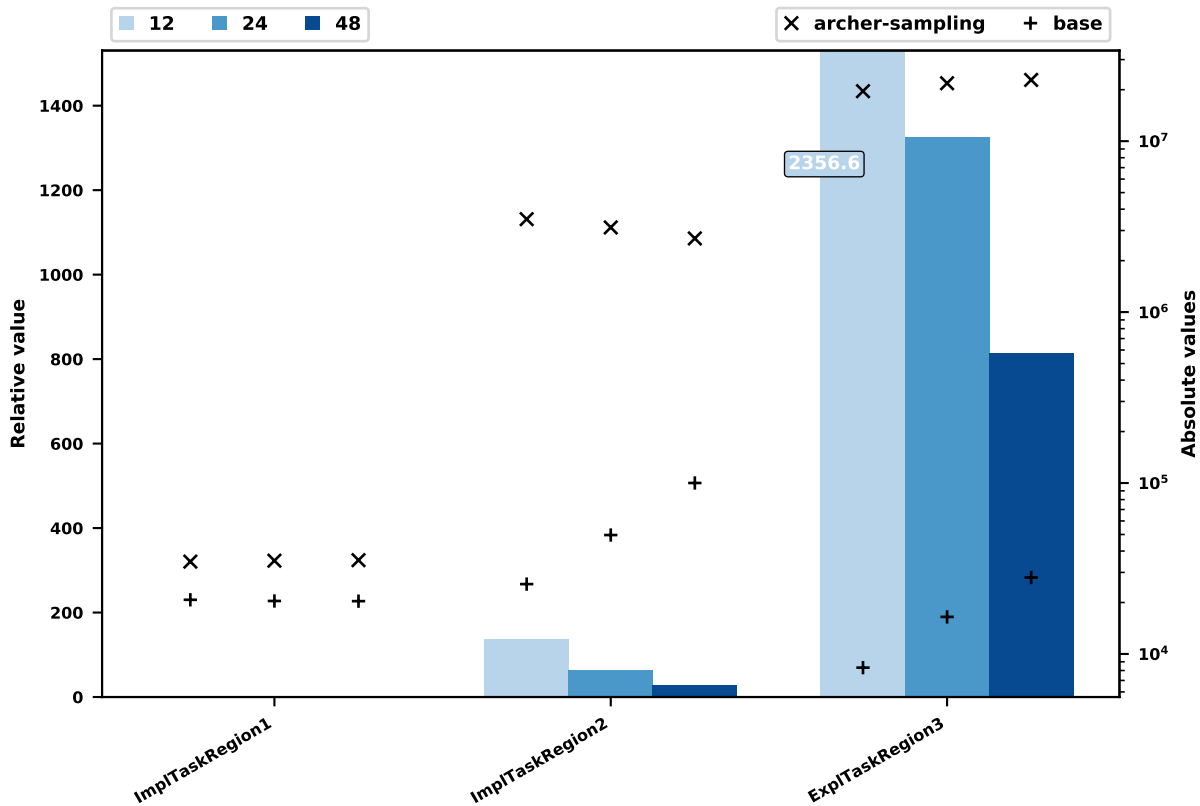


**B. Comparing 358.botsaln-tsan-sampling variant with base  
for metric L2\_RQSTS:CODE\_RD\_MISS**

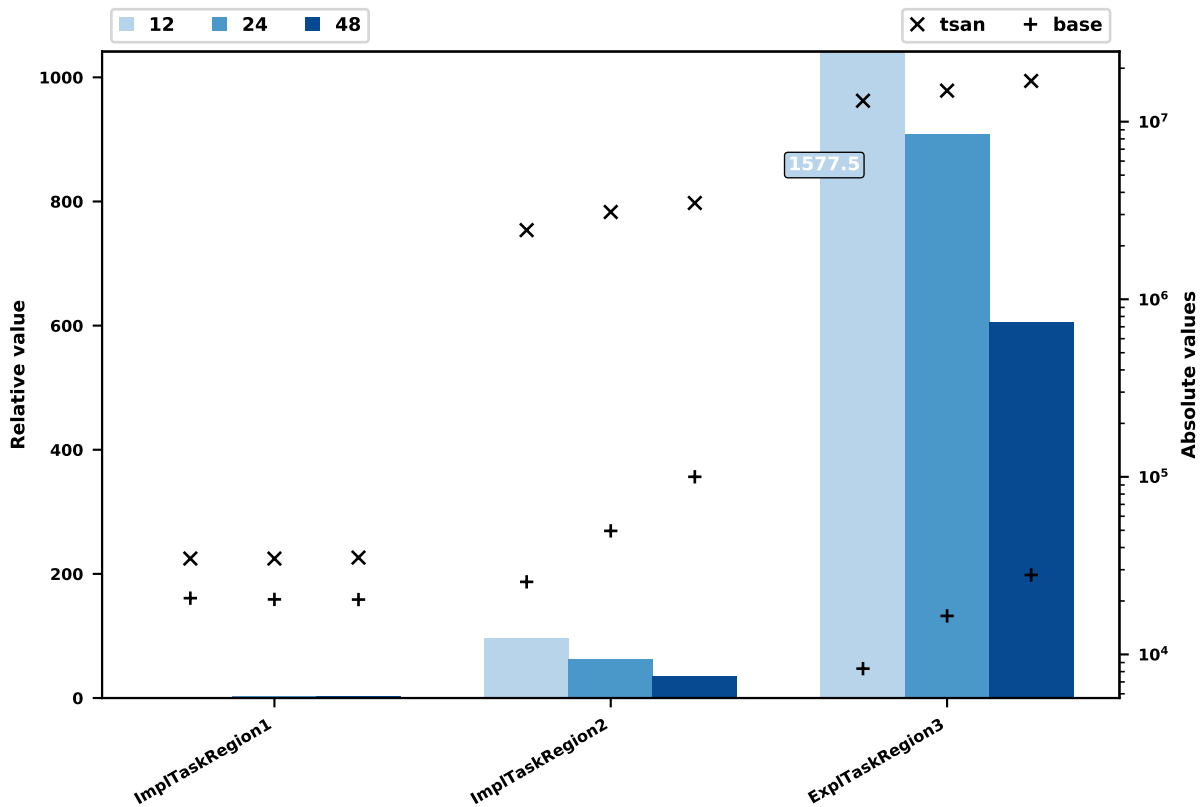




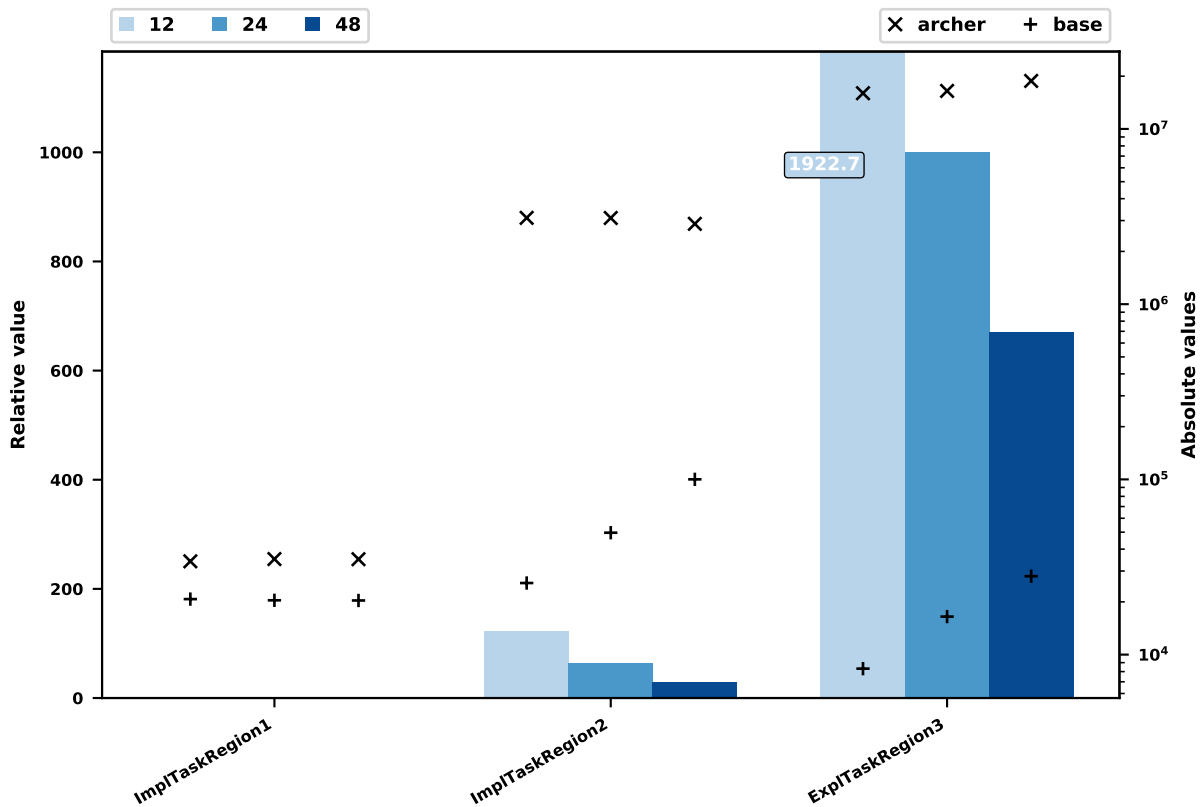
**B. Comparing 358.botsaln-archer-sampling variant with base  
for metric L2\_RQSTS:CODE\_RD\_MISS**



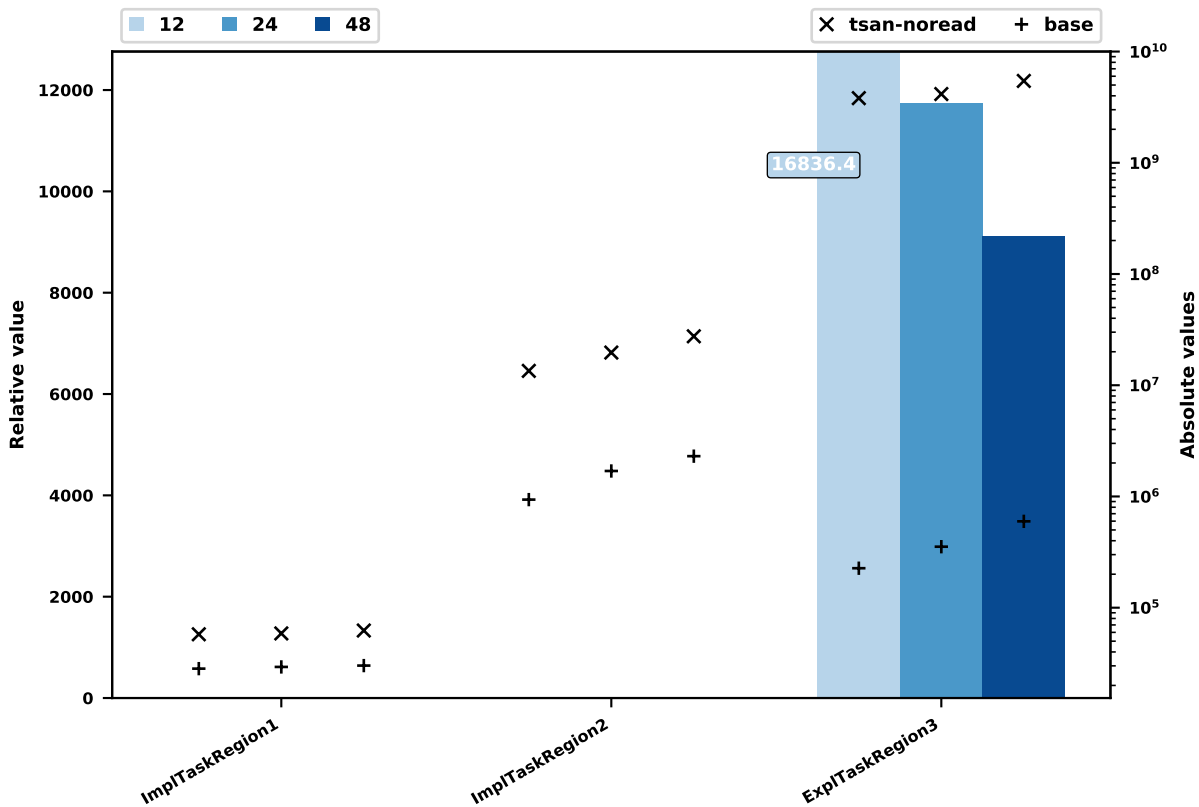
**B. Comparing 358.botsaln-tsan variant with base  
for metric L2\_RQSTS:CODE\_RD\_MISS**



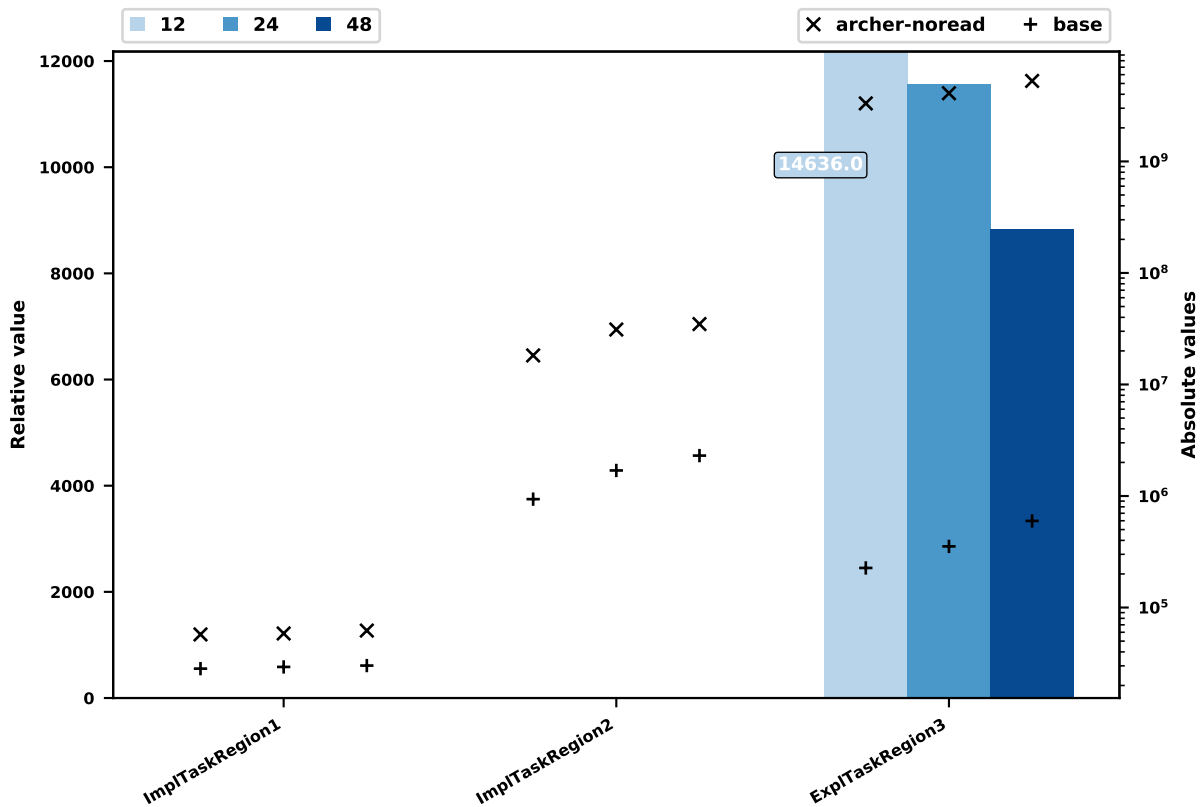
**B. Comparing 358.botsaln-archer variant with base  
for metric L2\_RQSTS:CODE\_RD\_MISS**



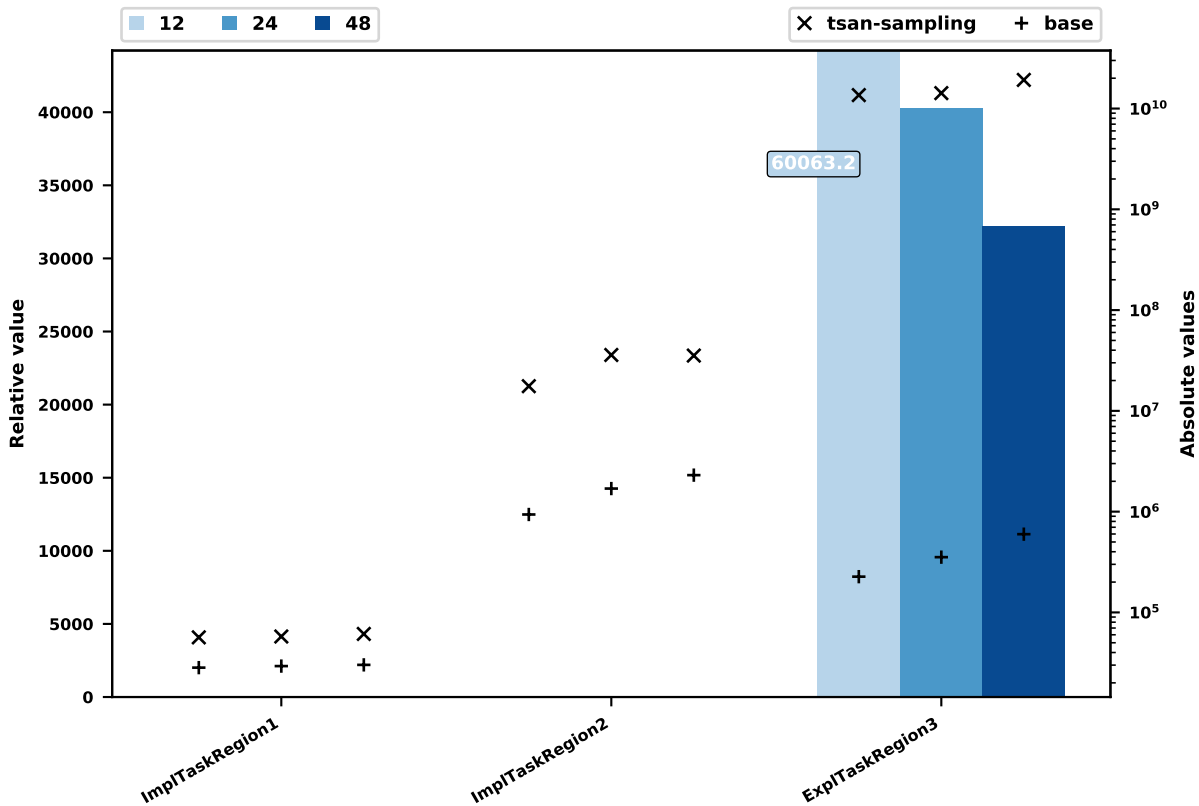
**B. Comparing 358.botsaln-tsan-noread variant with base  
for metric LLC\_REFERENCES**



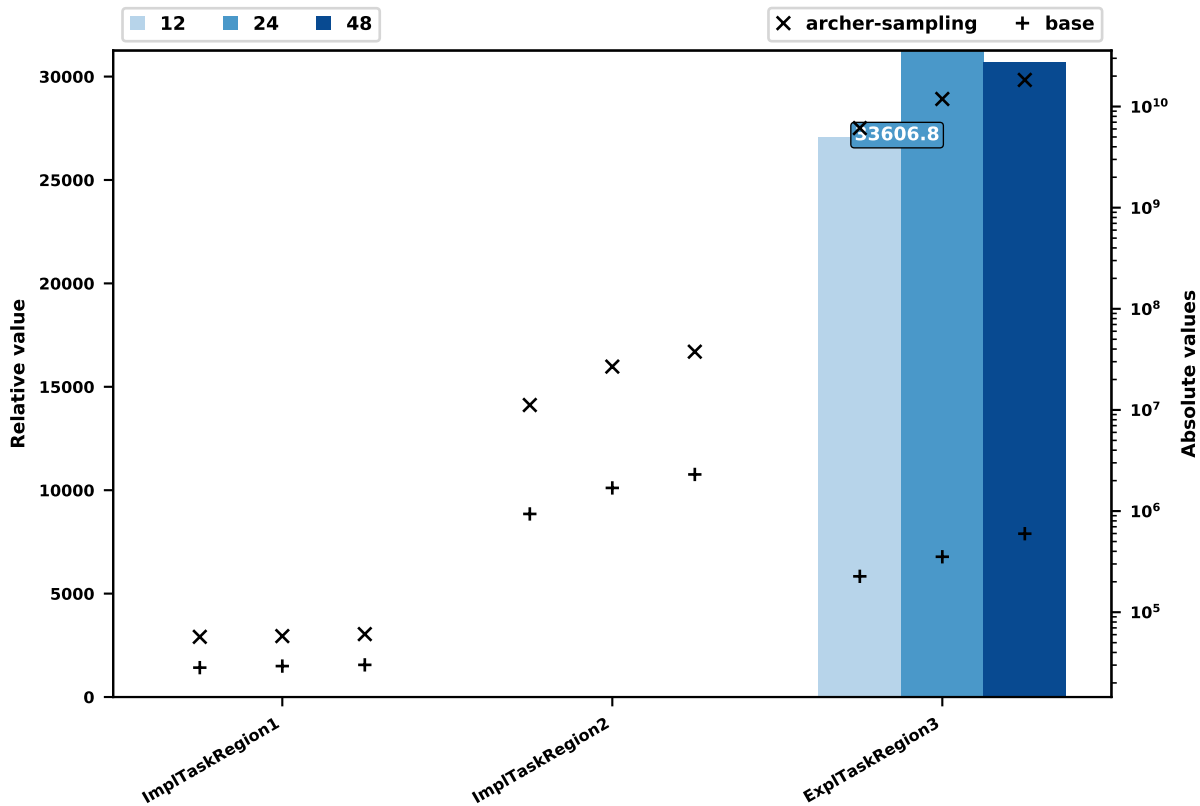
**B. Comparing 358.botsaln-archer-noread variant with base  
for metric LLC\_REFERENCES**



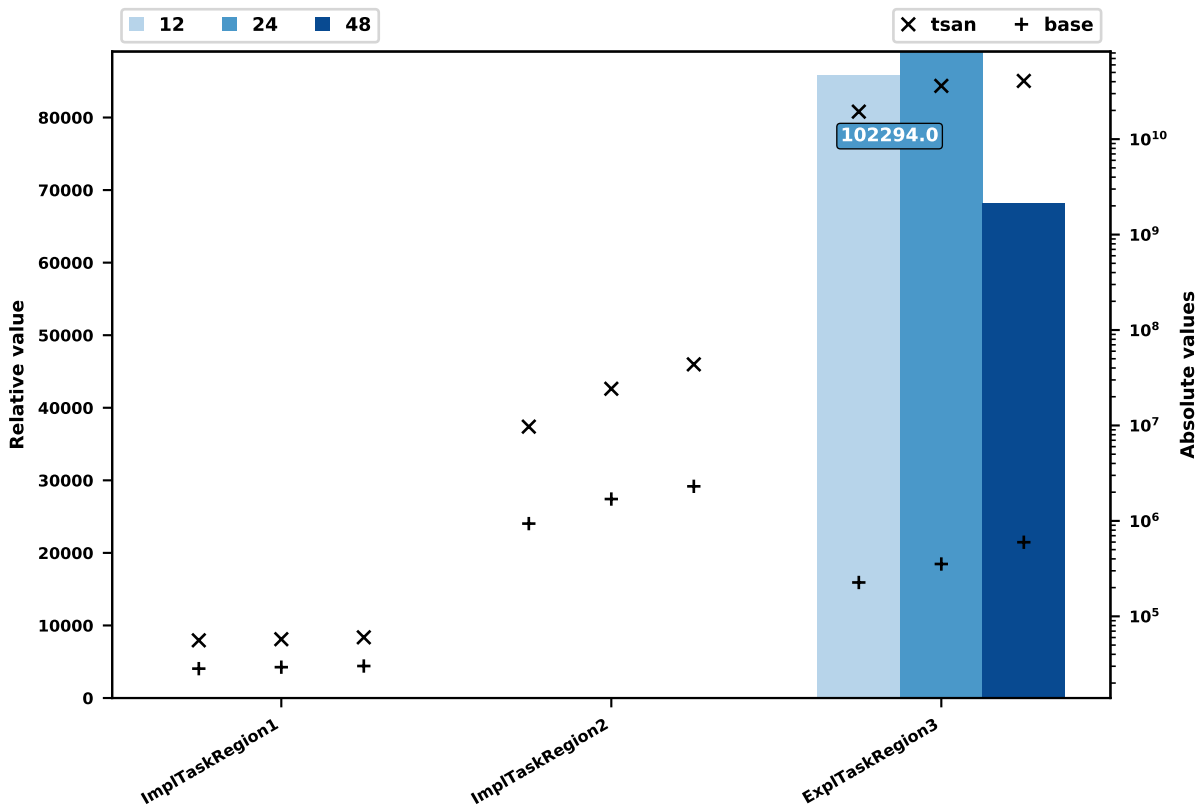
## B. Comparing 358.botsaln-tsan-sampling variant with base for metric LLC\_REFERENCES



**B. Comparing 358.botsaln-archer-sampling variant with base  
for metric LLC\_REFERENCES**

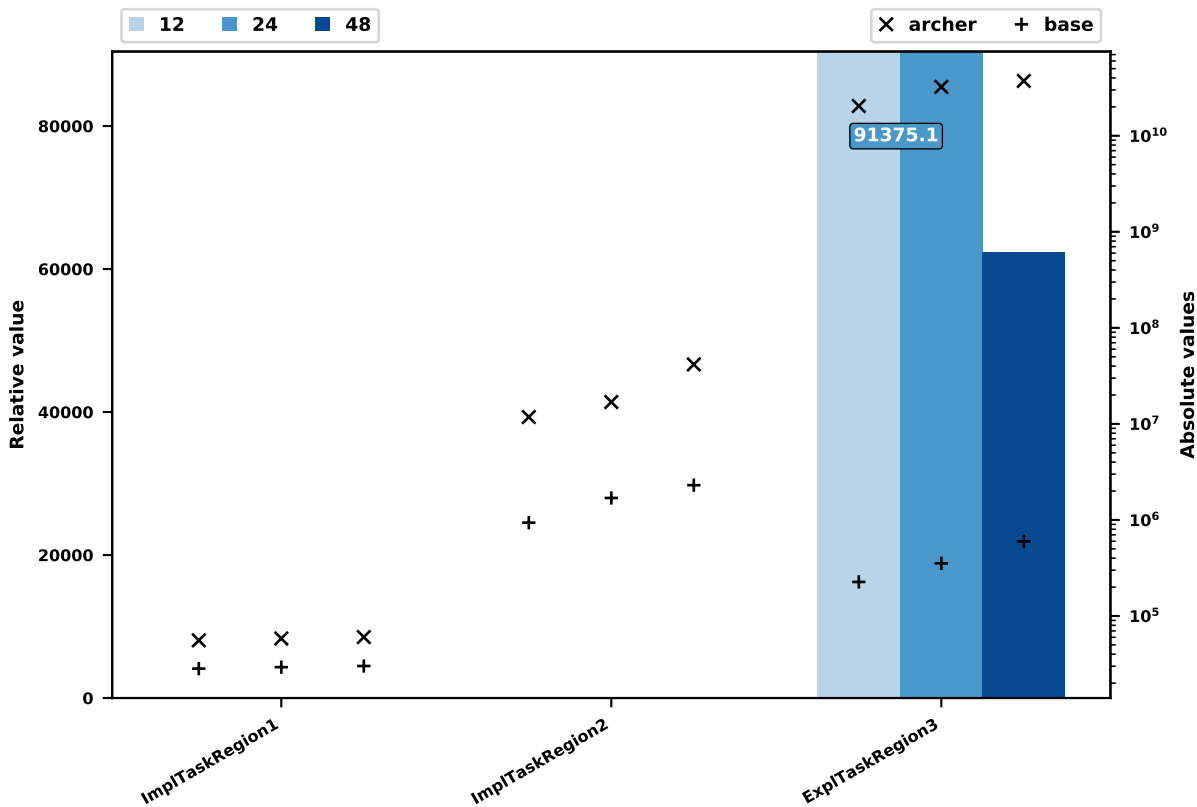


## B. Comparing 358.botsaln-tsan variant with base for metric LLC\_REFERENCES

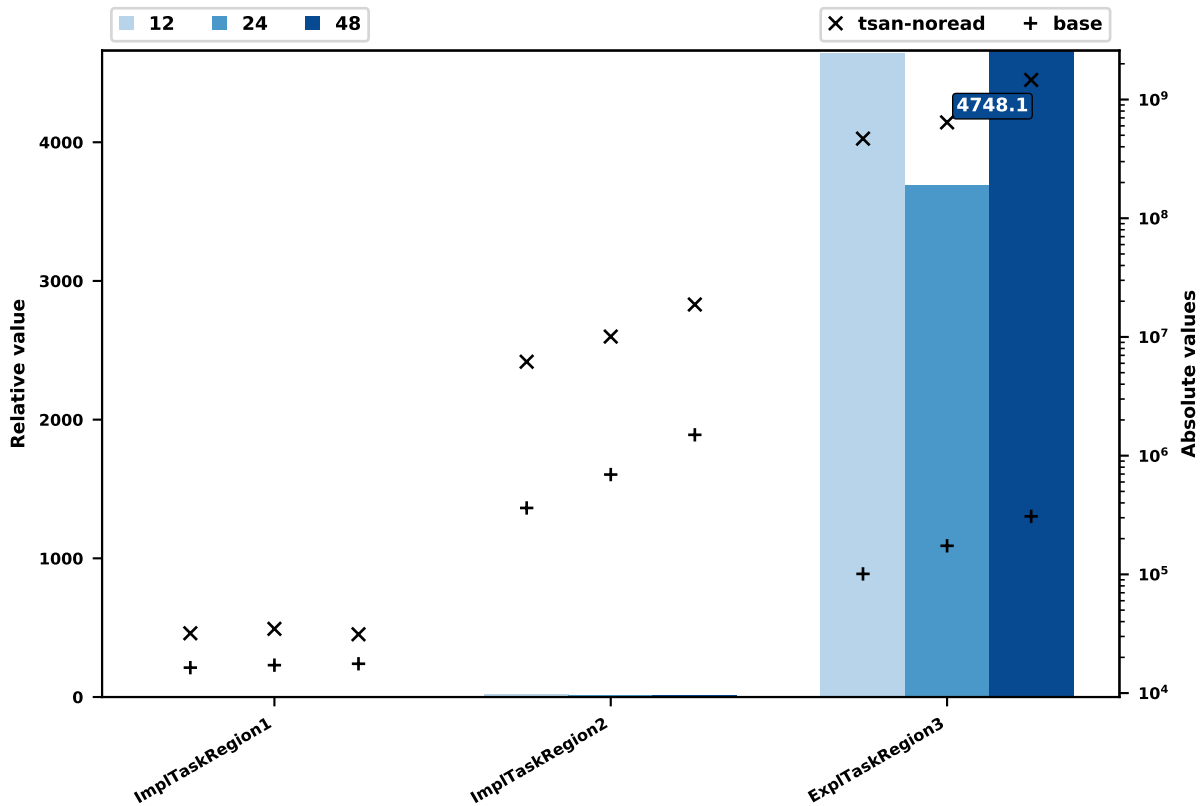




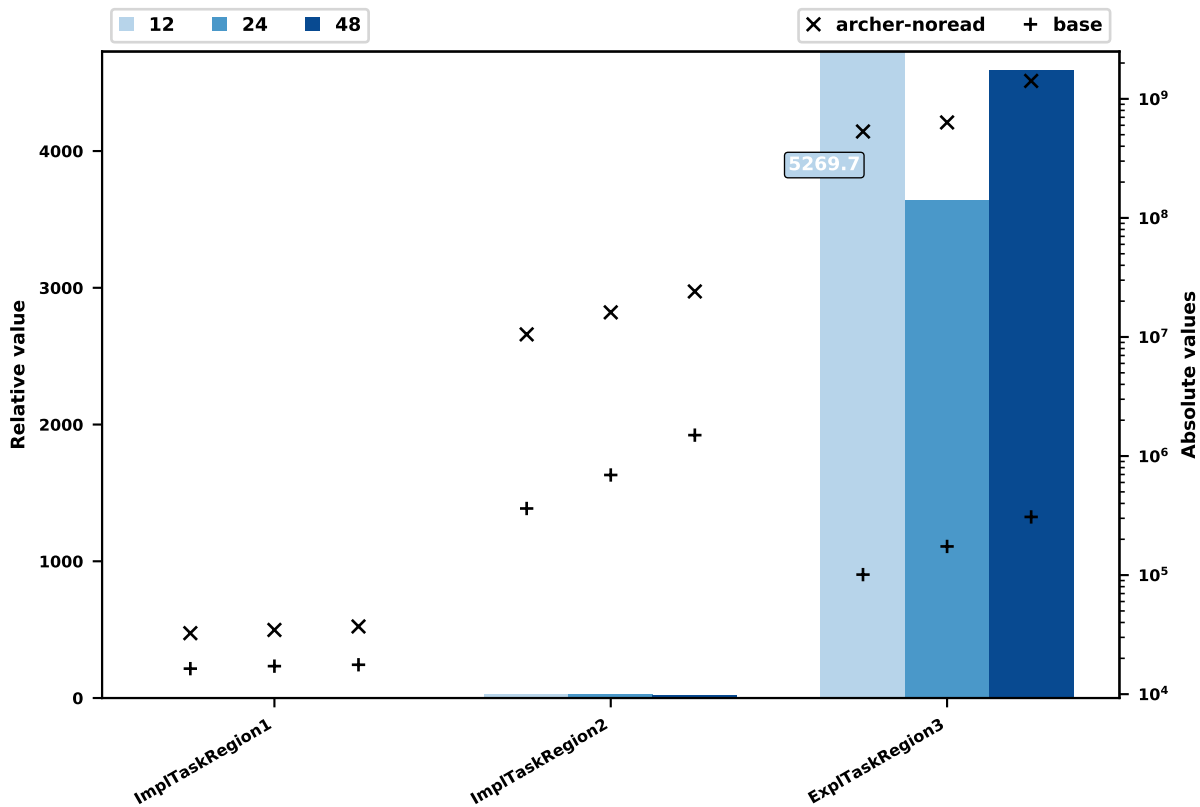
## B. Comparing 358.botsaln-archer variant with base for metric LLC\_REFERENCES



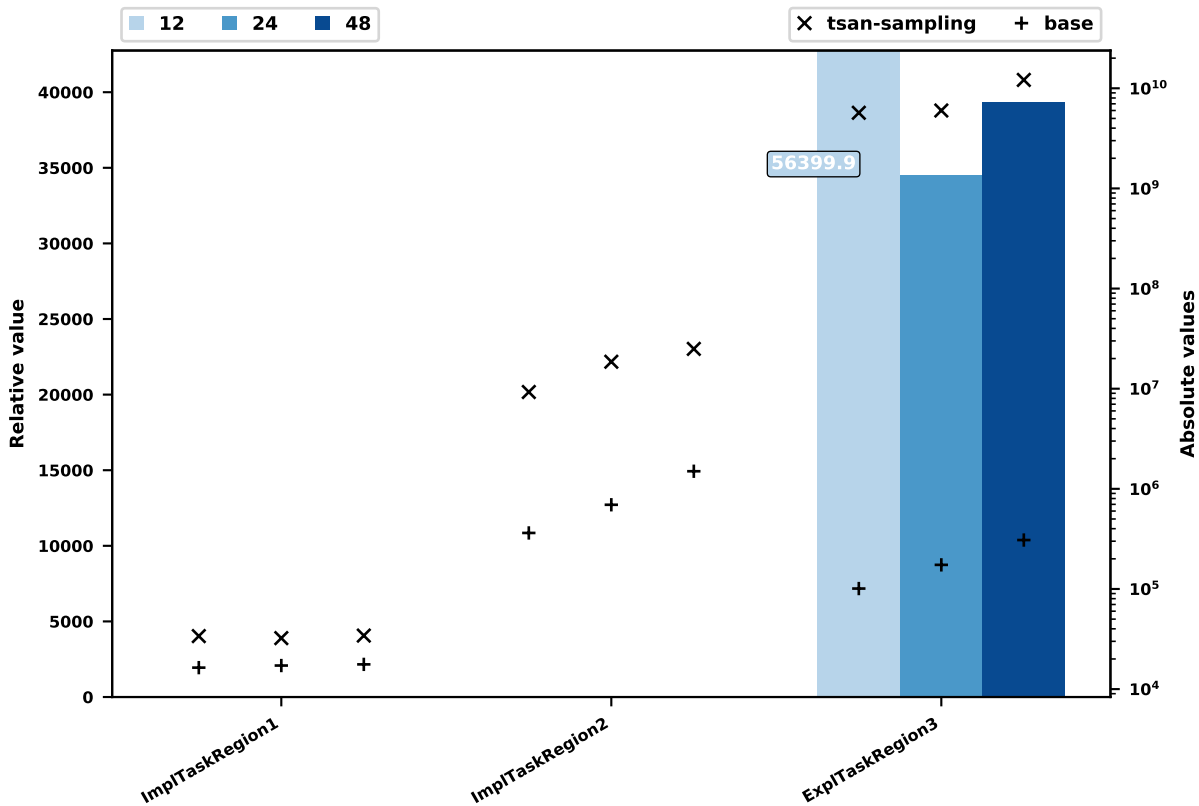
**B. Comparing 358.botsalign-tsan-noread variant with base  
for metric LLC\_MISSES**



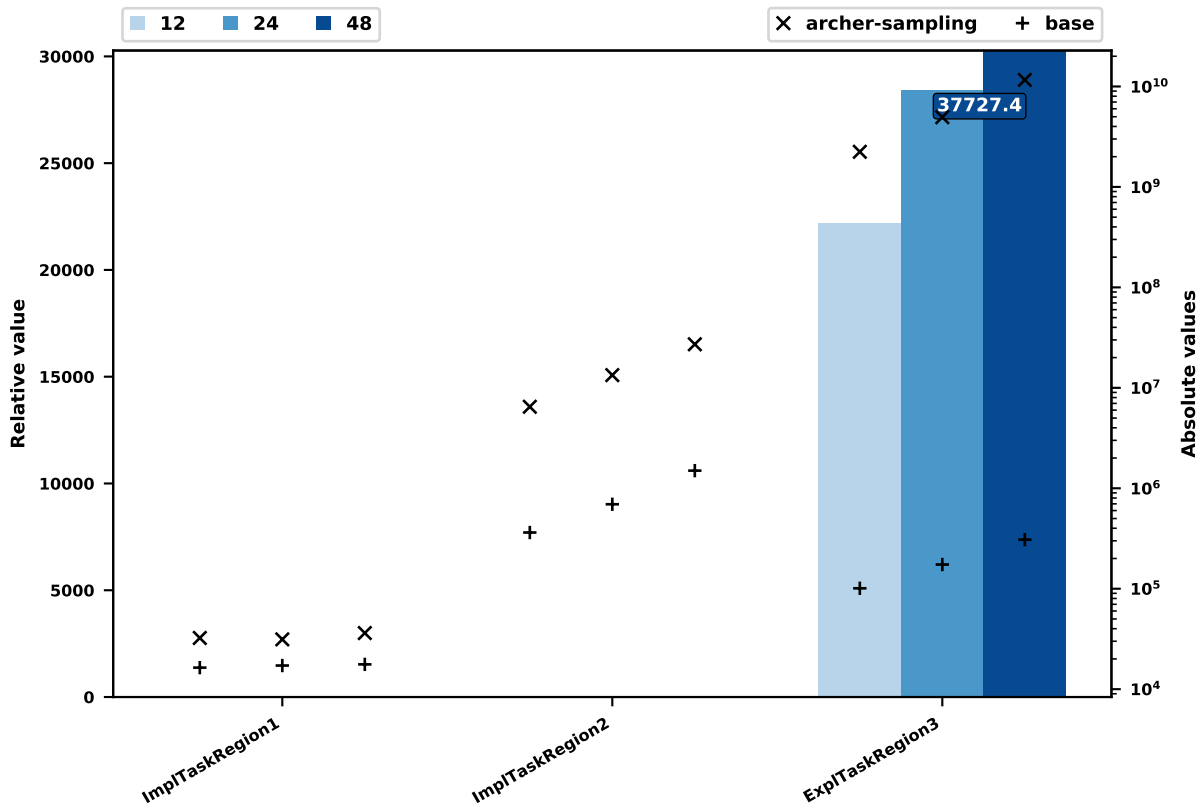
**B. Comparing 358.botsalgn-archer-noread variant with base  
for metric LLC\_MISSES**



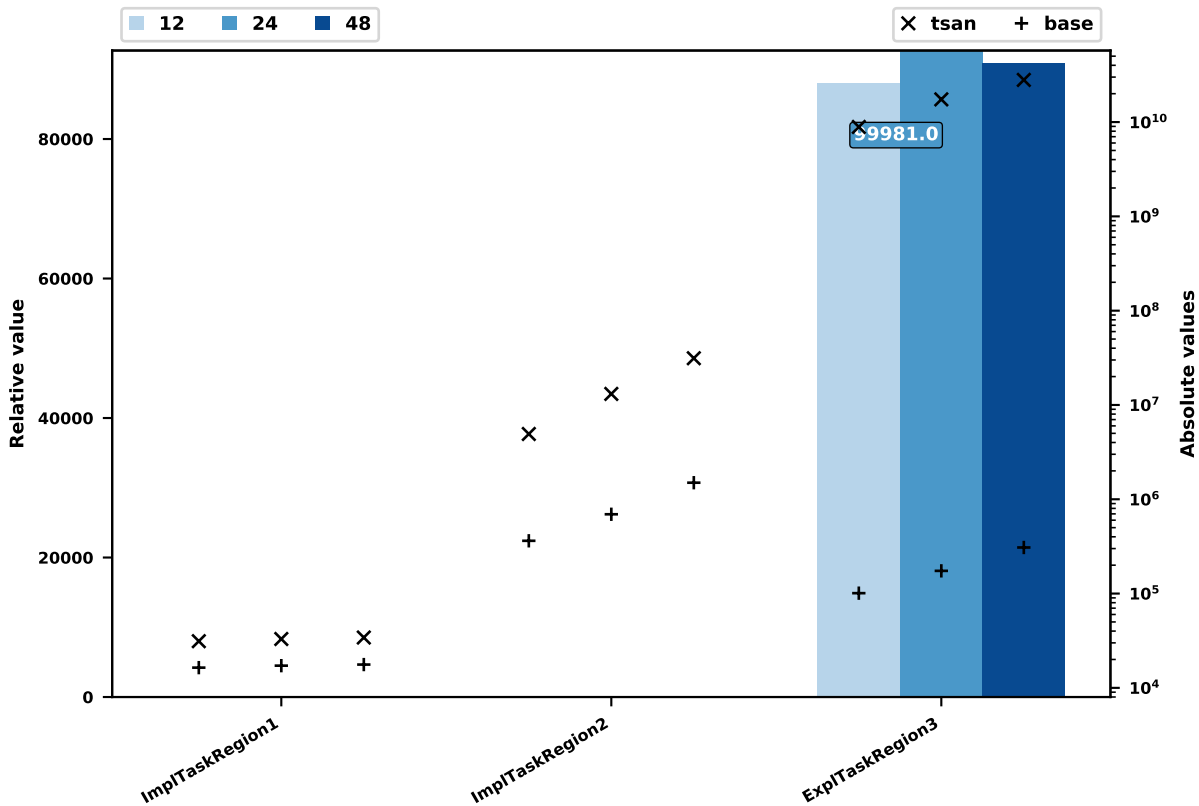
## B. Comparing 358.botsaln-tsan-sampling variant with base for metric LLC\_MISSES



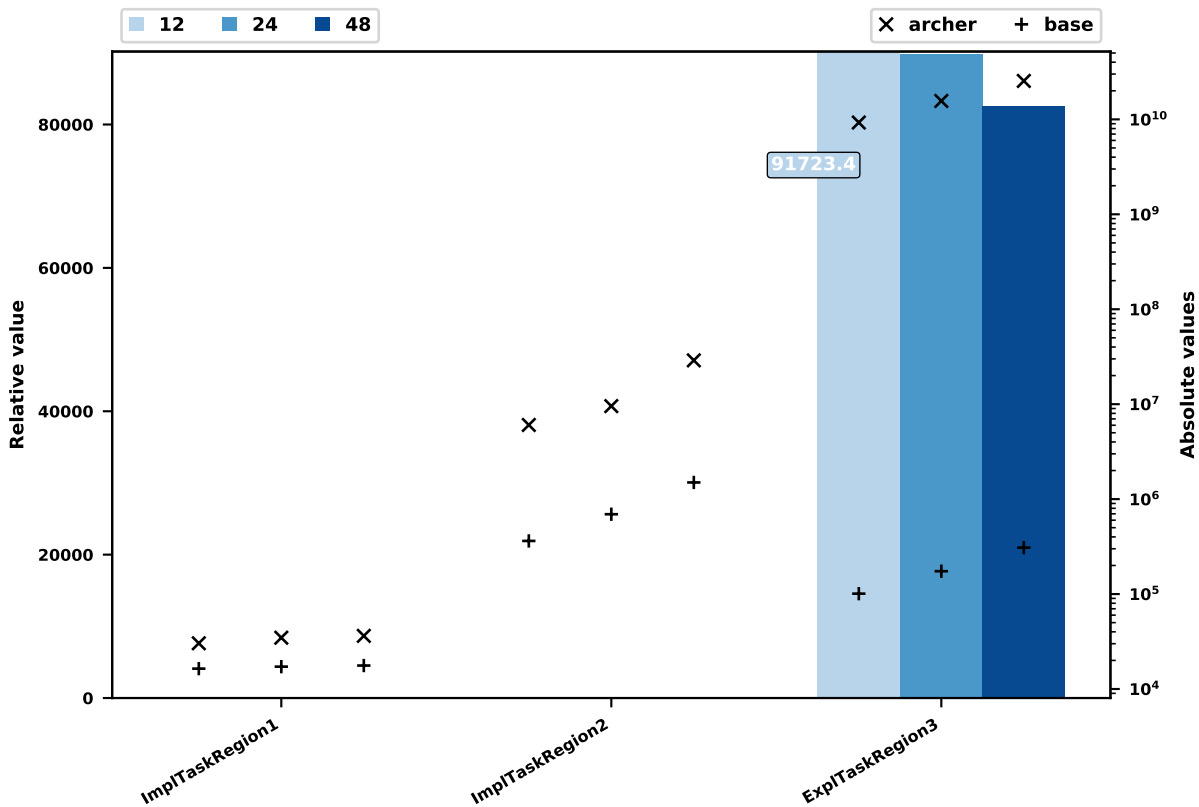
**B. Comparing 358.botsaln-archer-sampling variant with base  
for metric LLC\_MISSES**



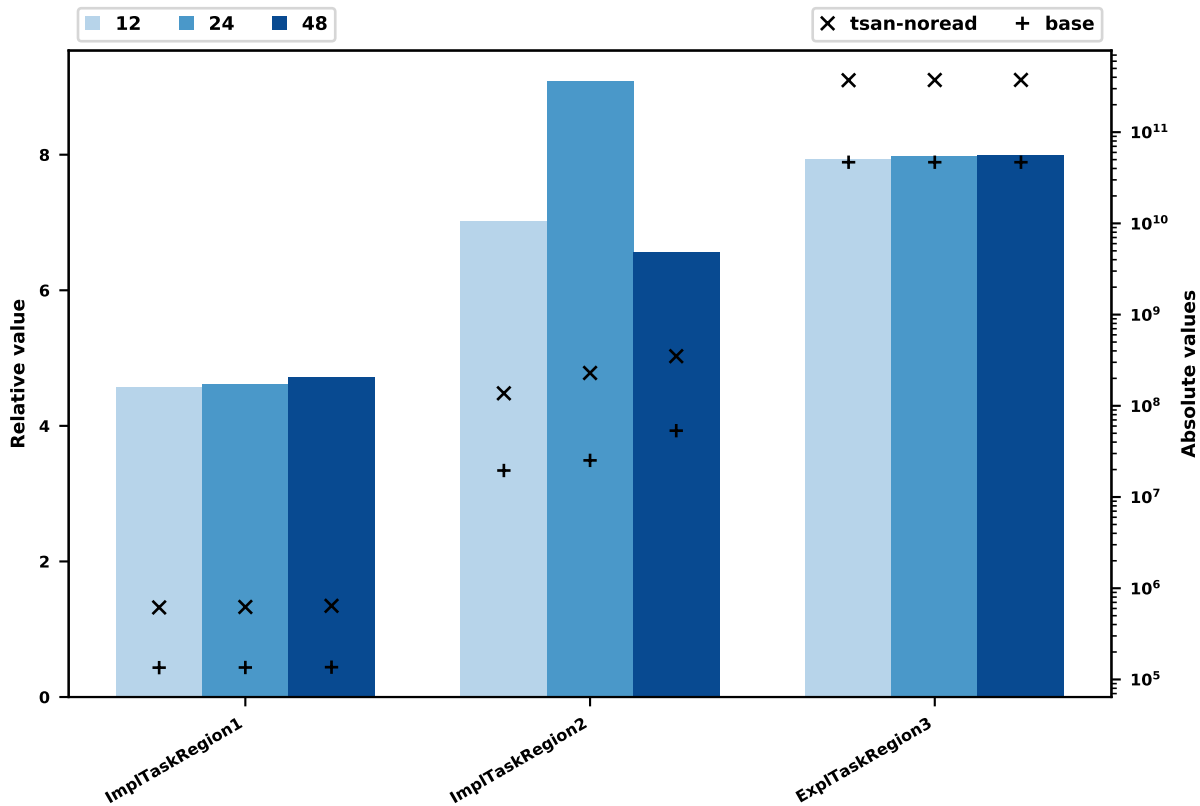
## B. Comparing 358.botsalign-tsan variant with base for metric LLC\_MISSES



## B. Comparing 358.botsalign-archer variant with base for metric LLC\_MISSES

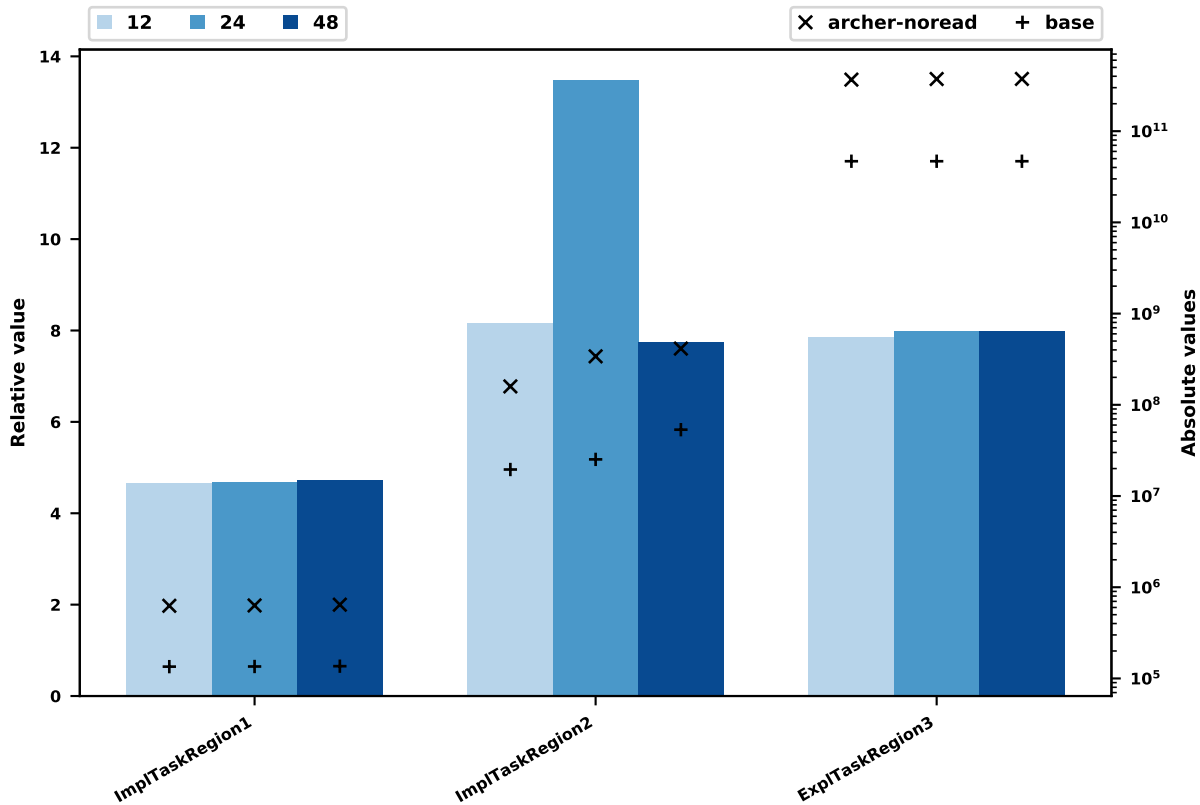


**B. Comparing 358.botsaln-tsan-noread variant with base  
for metric L1D\_W\_A = L1D\_W\_H**

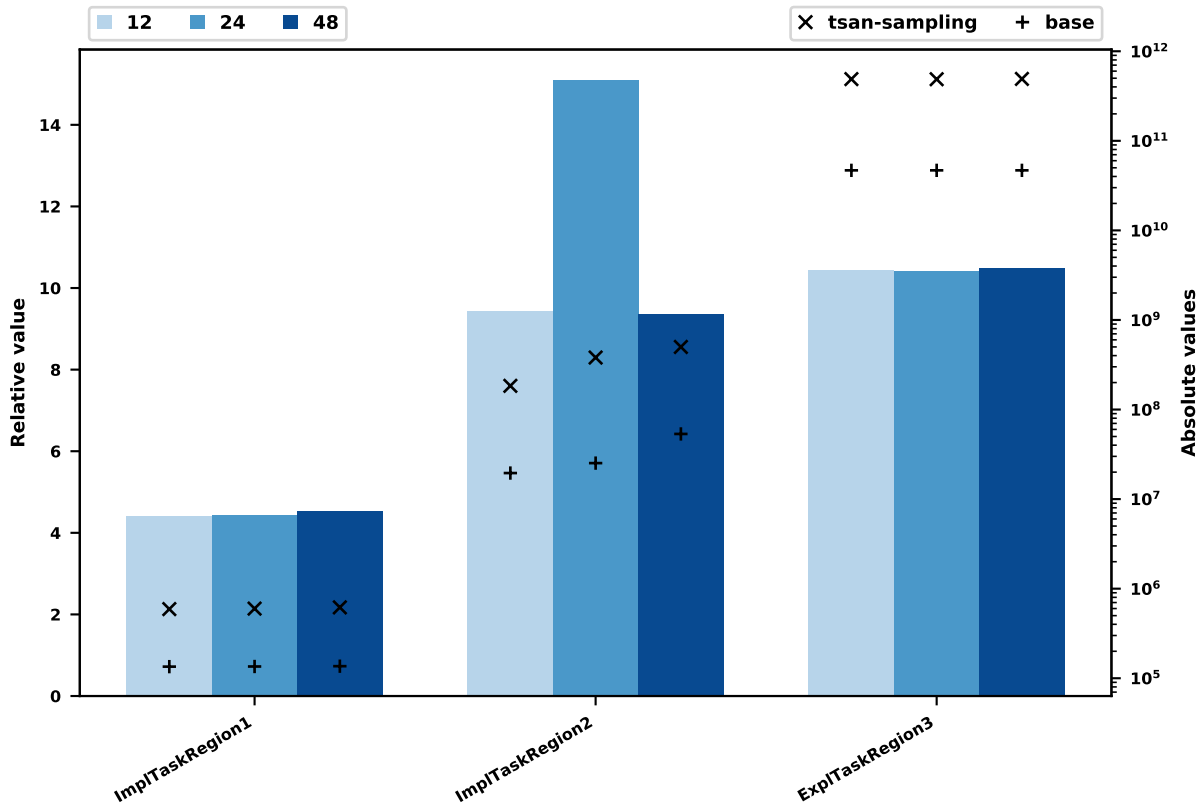




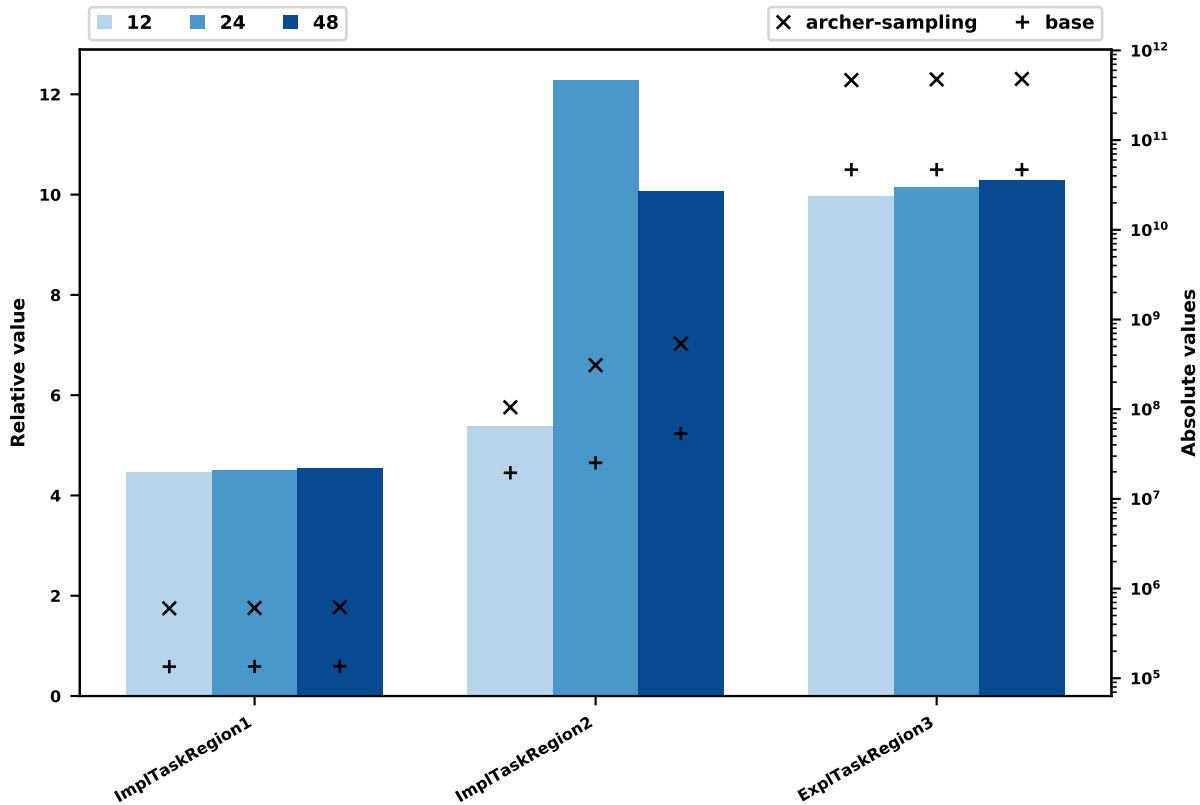
**B. Comparing 358.botsalgn-archer-noread variant with base  
for metric L1D\_W\_A = L1D\_W\_H**



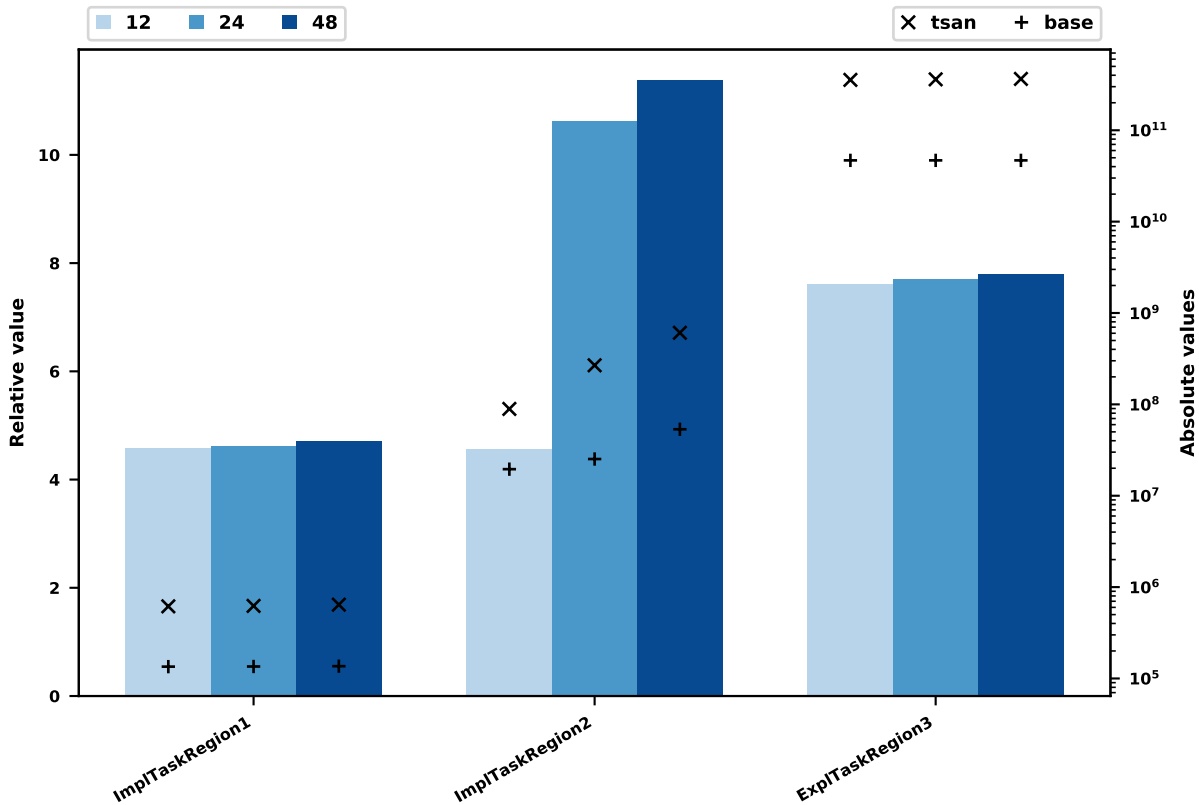
**B. Comparing 358.botsaln-tsan-sampling variant with base  
for metric L1D\_W\_A = L1D\_W\_H**



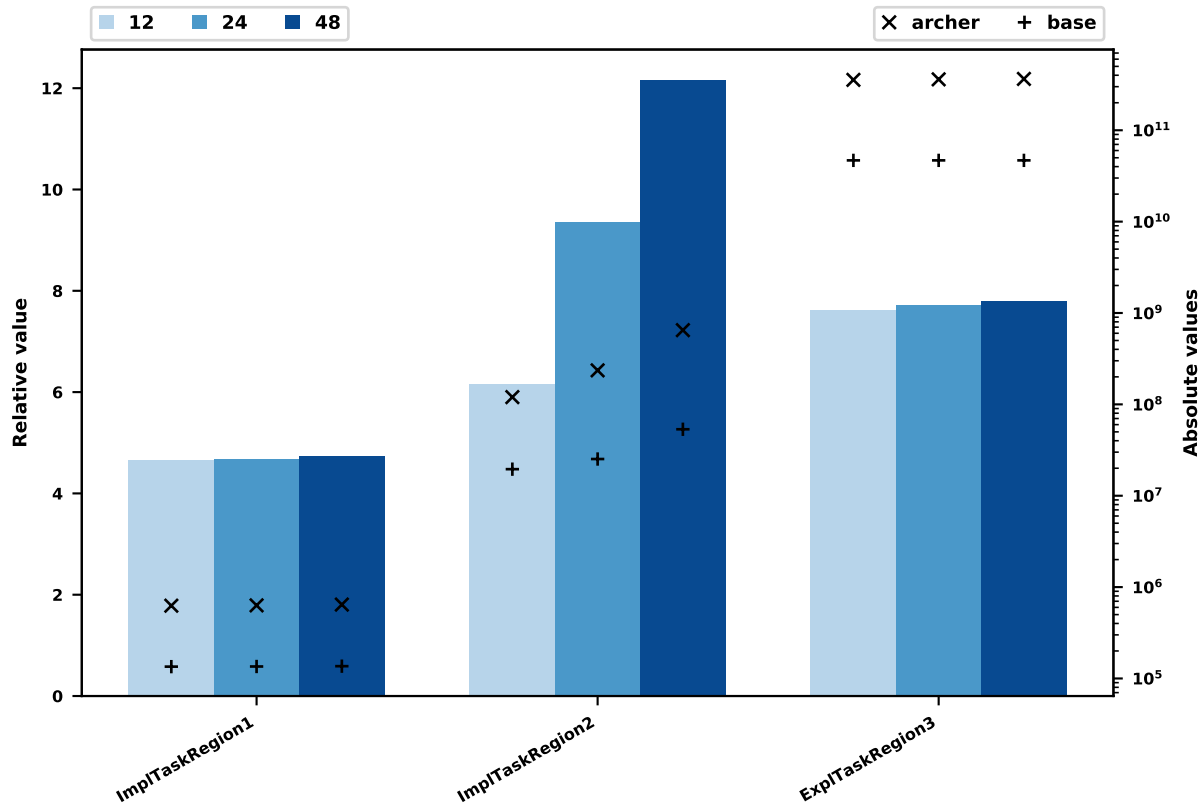
**B. Comparing 358.botsalign-archer-sampling variant with base  
for metric L1D\_W\_A = L1D\_W\_H**



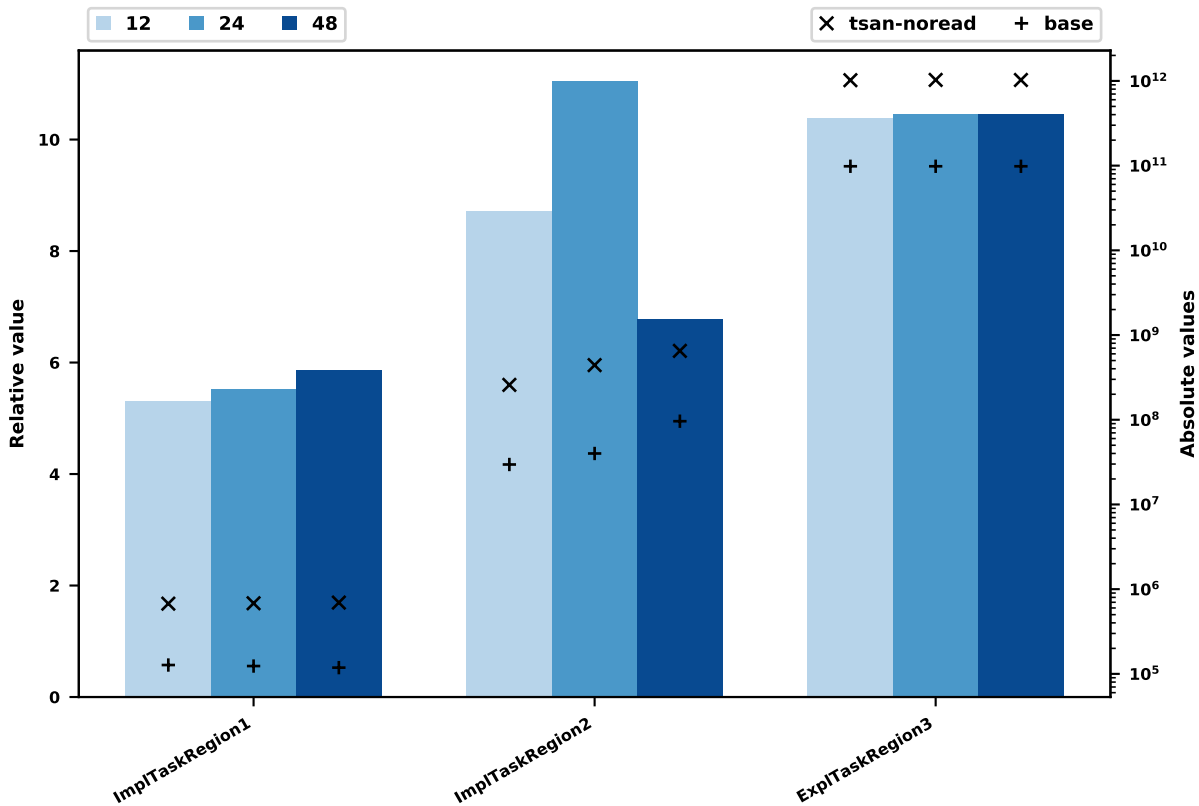
**B. Comparing 358.botsaln-tsan variant with base  
for metric L1D\_W\_A = L1D\_W\_H**



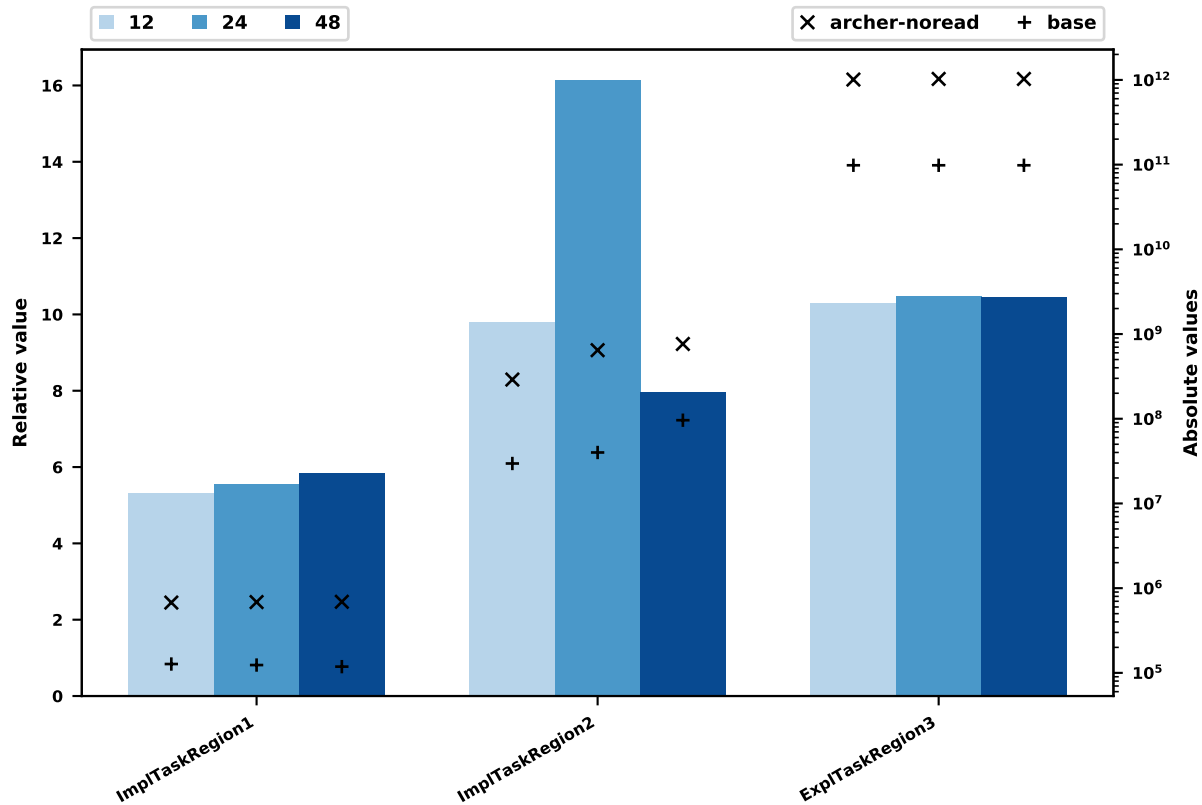
**B. Comparing 358.botsaln-archer variant with base  
for metric L1D\_W\_A = L1D\_W\_H**



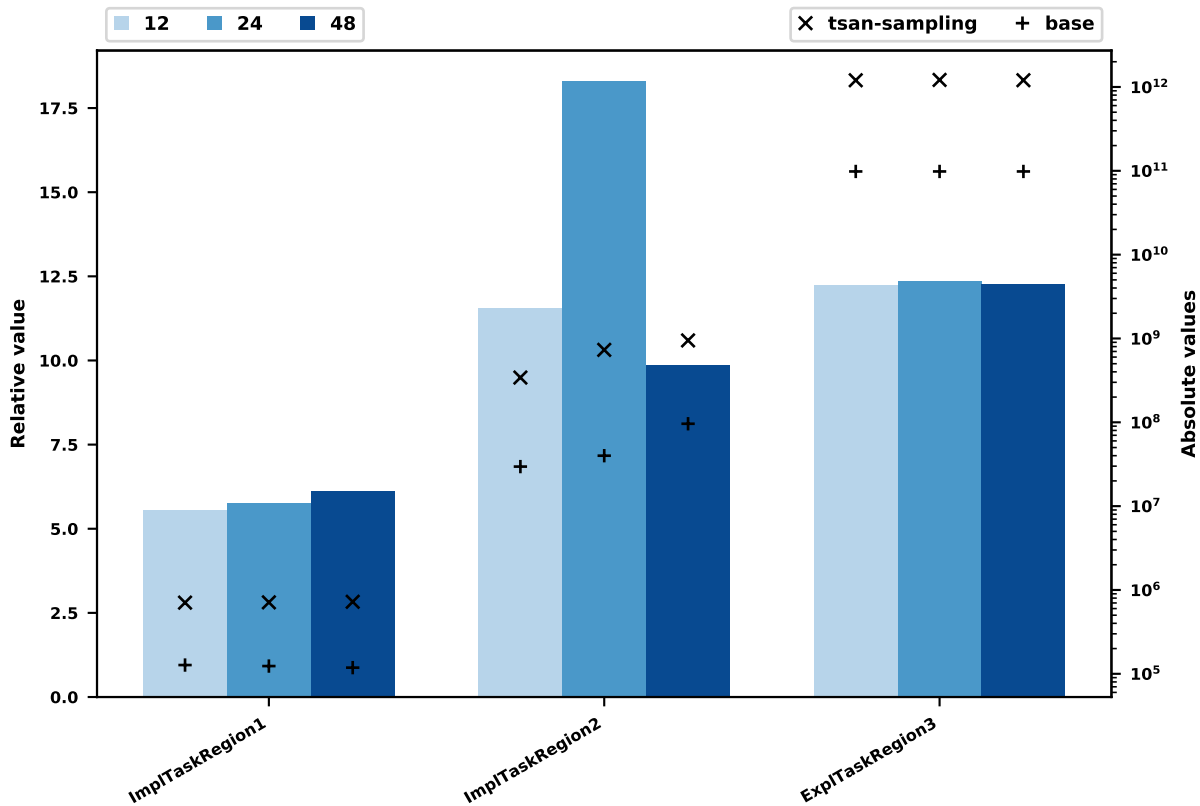
**B. Comparing 358.botsalign-tsan-noread variant with base  
for metric L1D\_R\_H**



**B. Comparing 358.botsalgn-archer-noread variant with base  
for metric L1D\_R\_H**

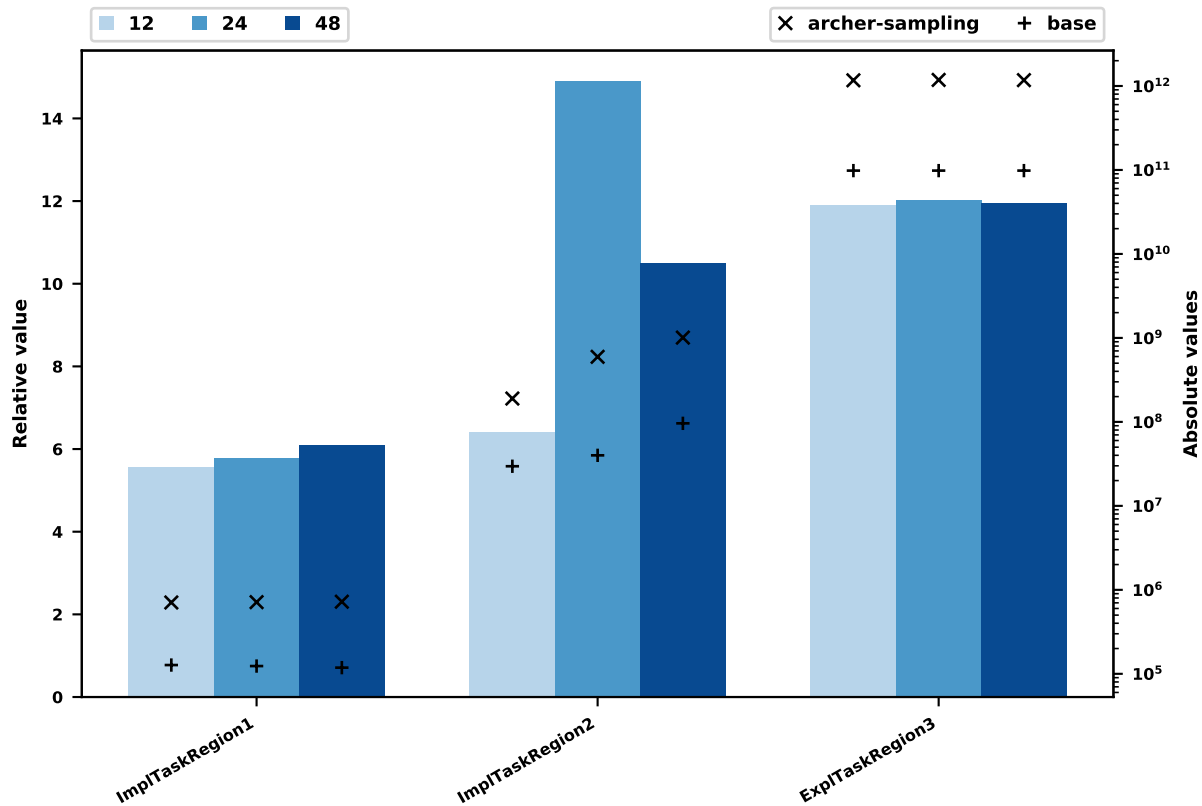


**B. Comparing 358.botsaln-tsan-sampling variant with base  
for metric L1D\_R\_H**

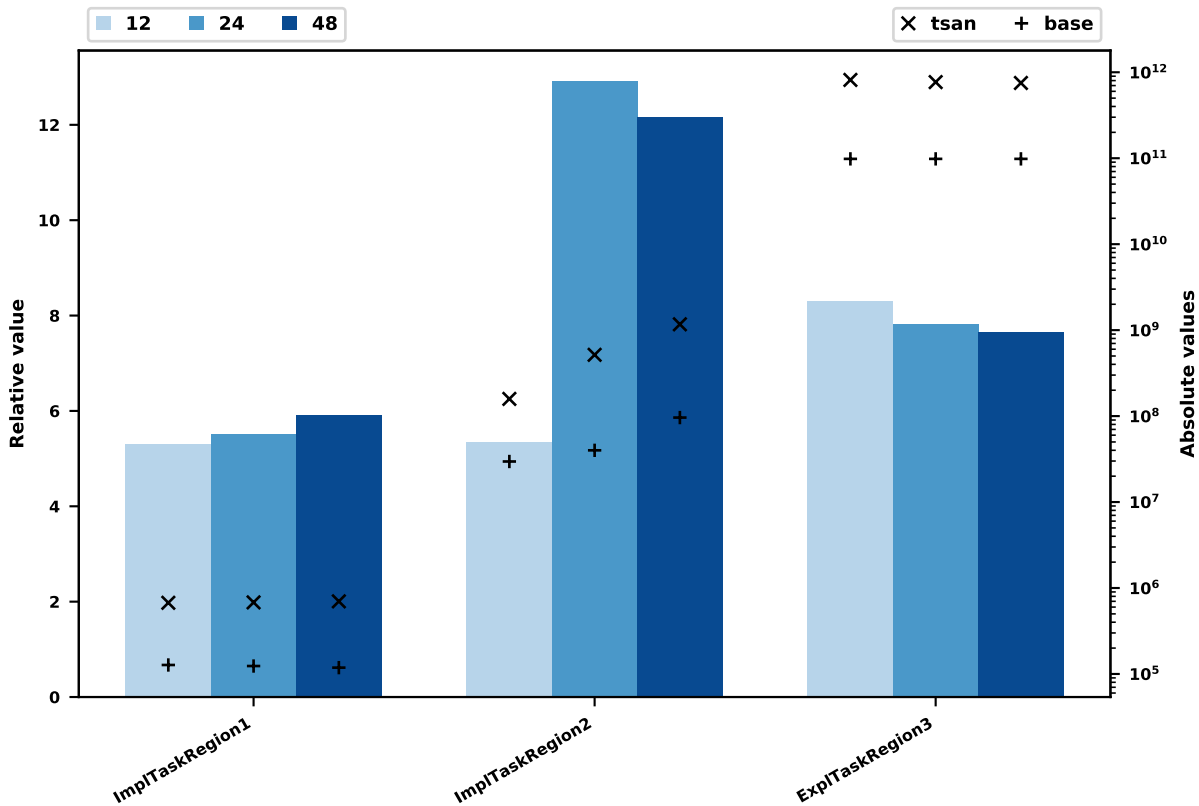




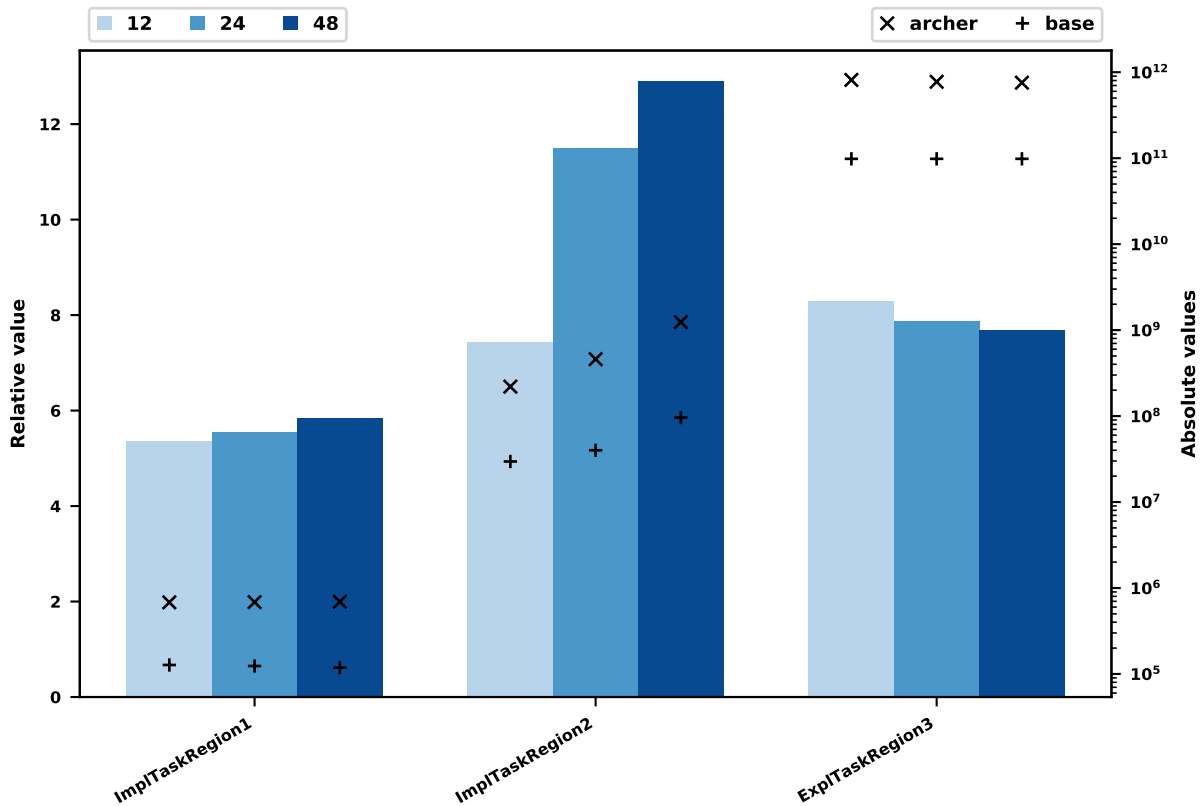
**B. Comparing 358.botsalign-archer-sampling variant with base  
for metric L1D\_R\_H**



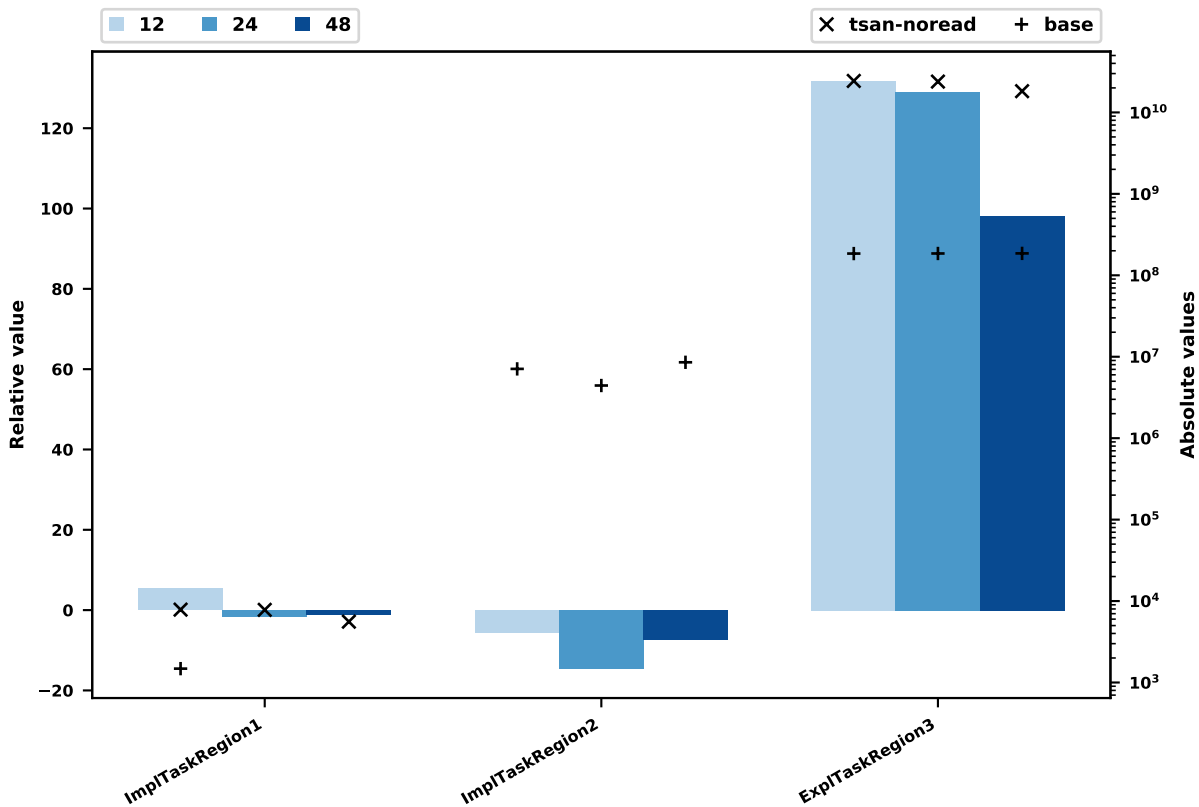
**B. Comparing 358.botsaln-tsan variant with base  
for metric L1D\_R\_H**



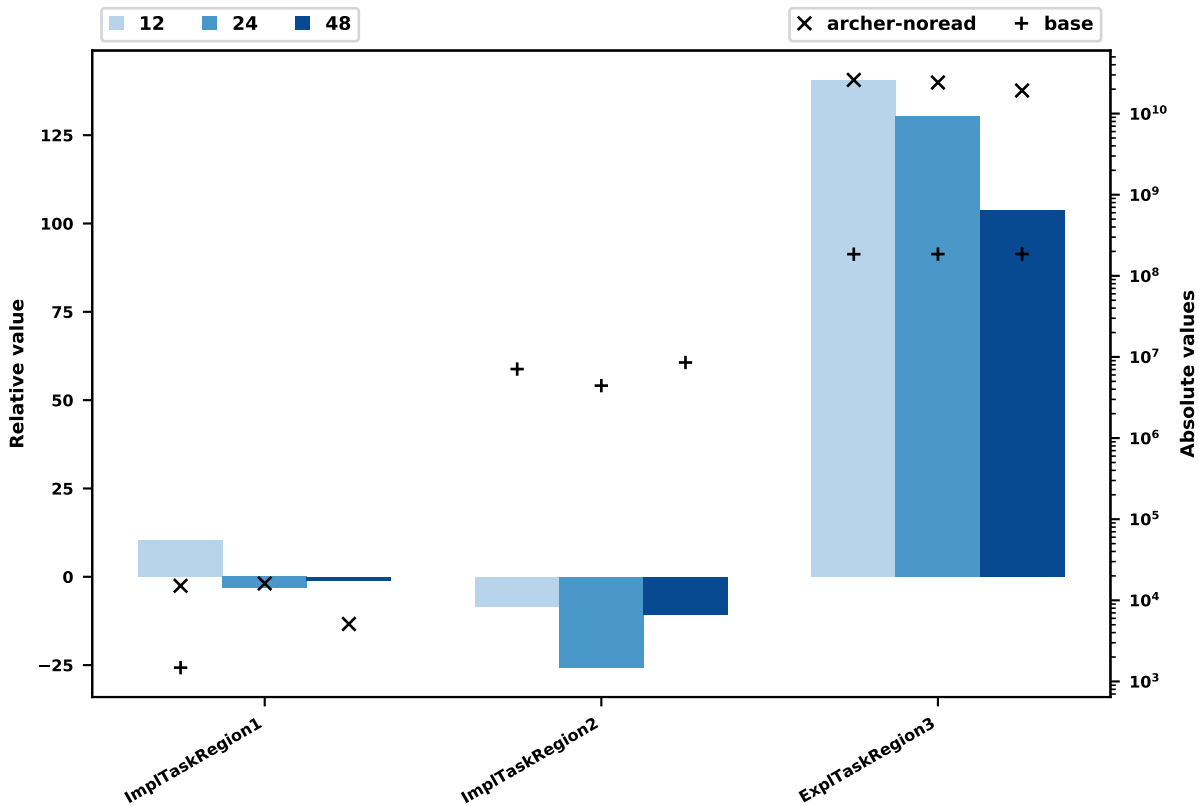
**B. Comparing 358.botsaln-archer variant with base  
for metric L1D\_R\_H**



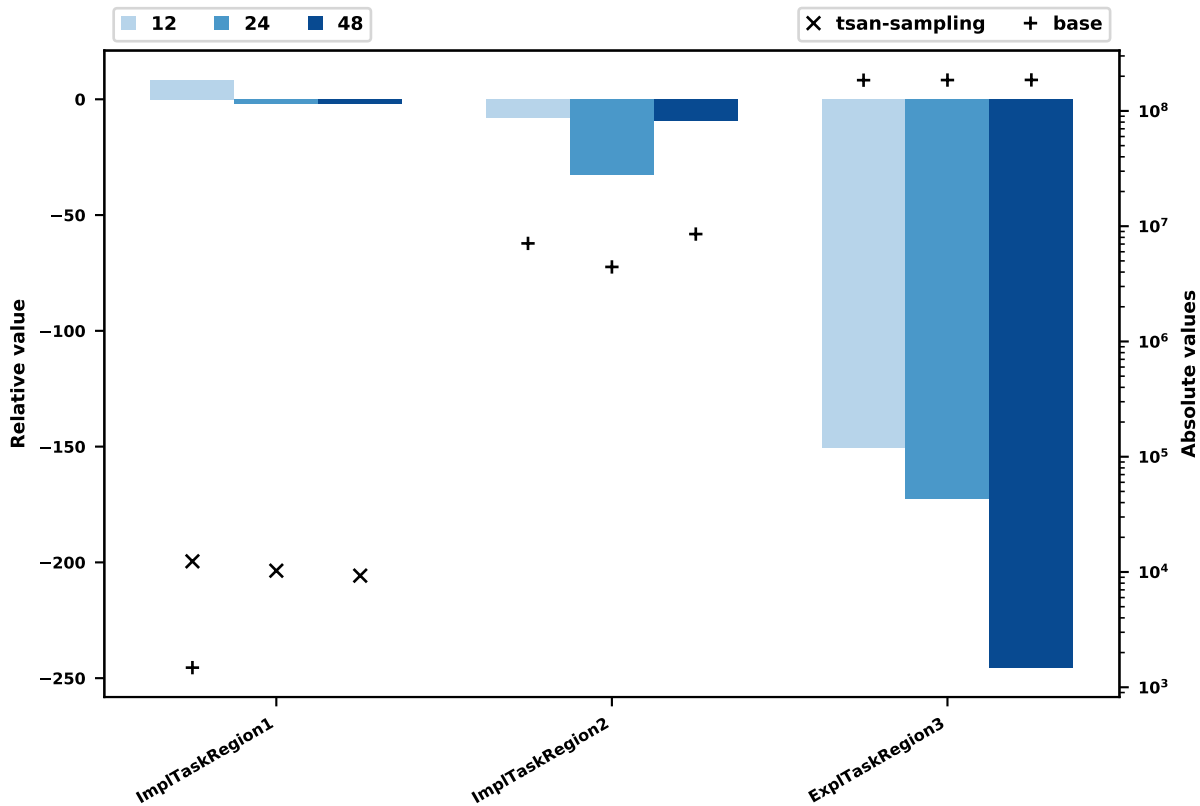
**B. Comparing 358.botsaln-tsan-noread variant with base  
for metric L2D\_H**



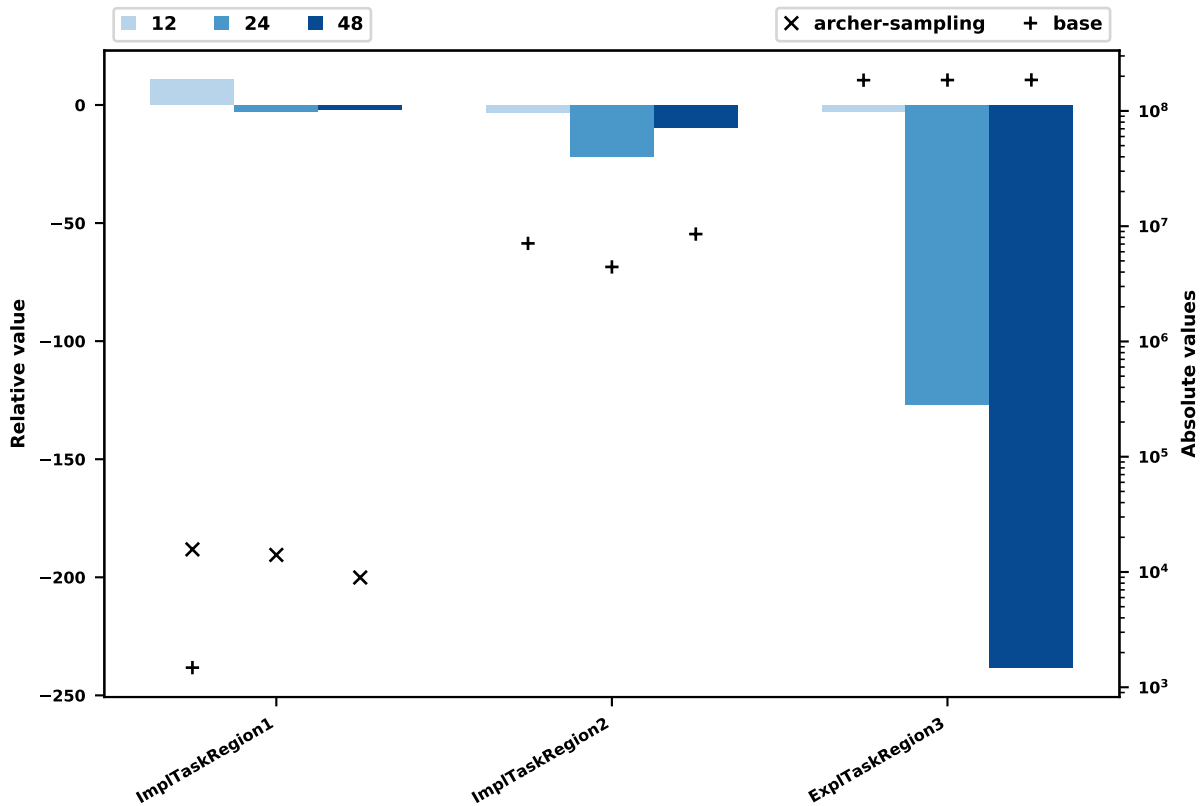
**B. Comparing 358.botsaln-archer-noread variant with base  
for metric L2D\_H**



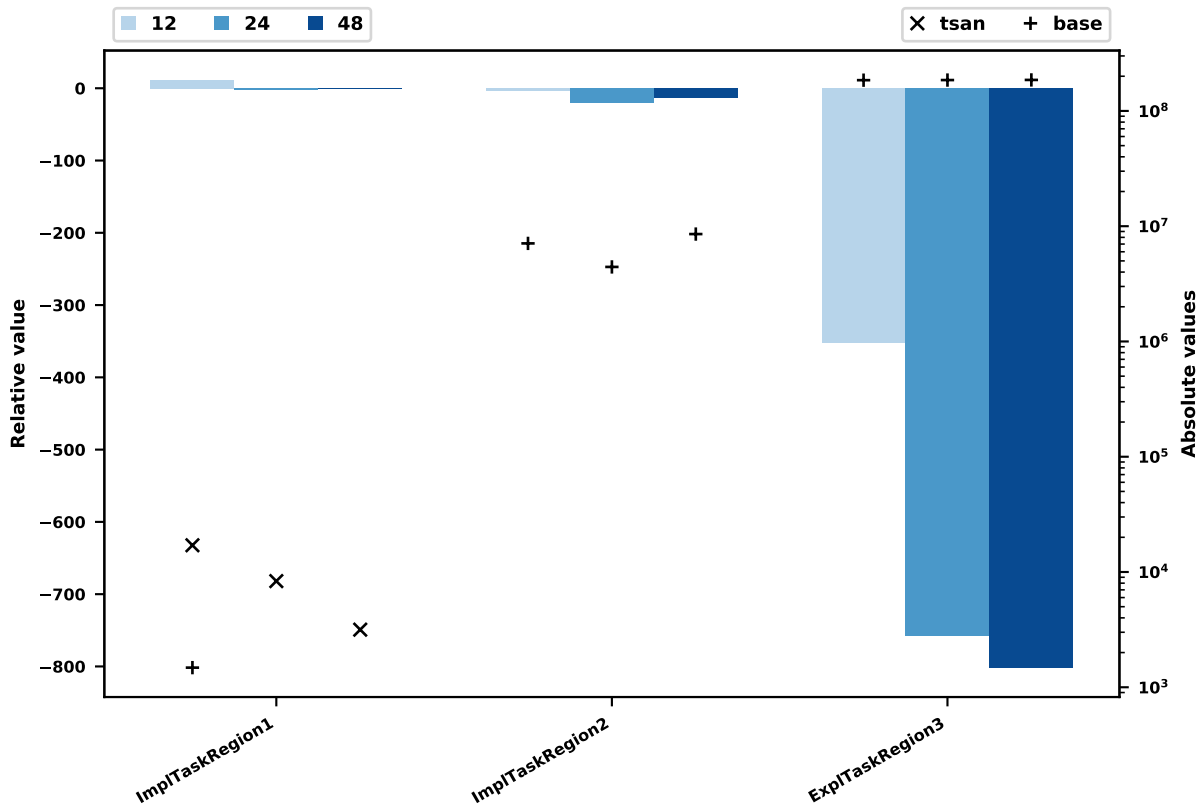
## B. Comparing 358.botsaln-tsan-sampling variant with base for metric L2D\_H



**B. Comparing 358.botsaln-archer-sampling variant with base  
for metric L2D\_H**

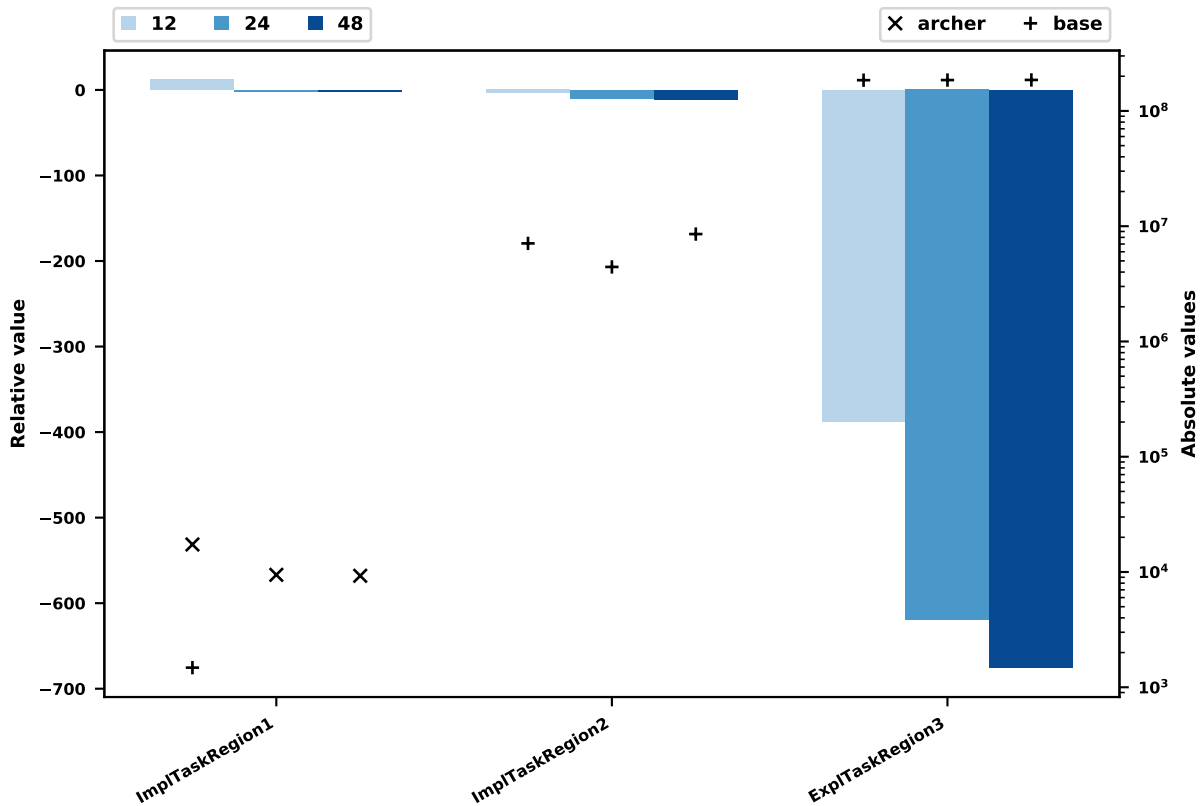


**B. Comparing 358.botsaln-tsan variant with base  
for metric L2D\_H**

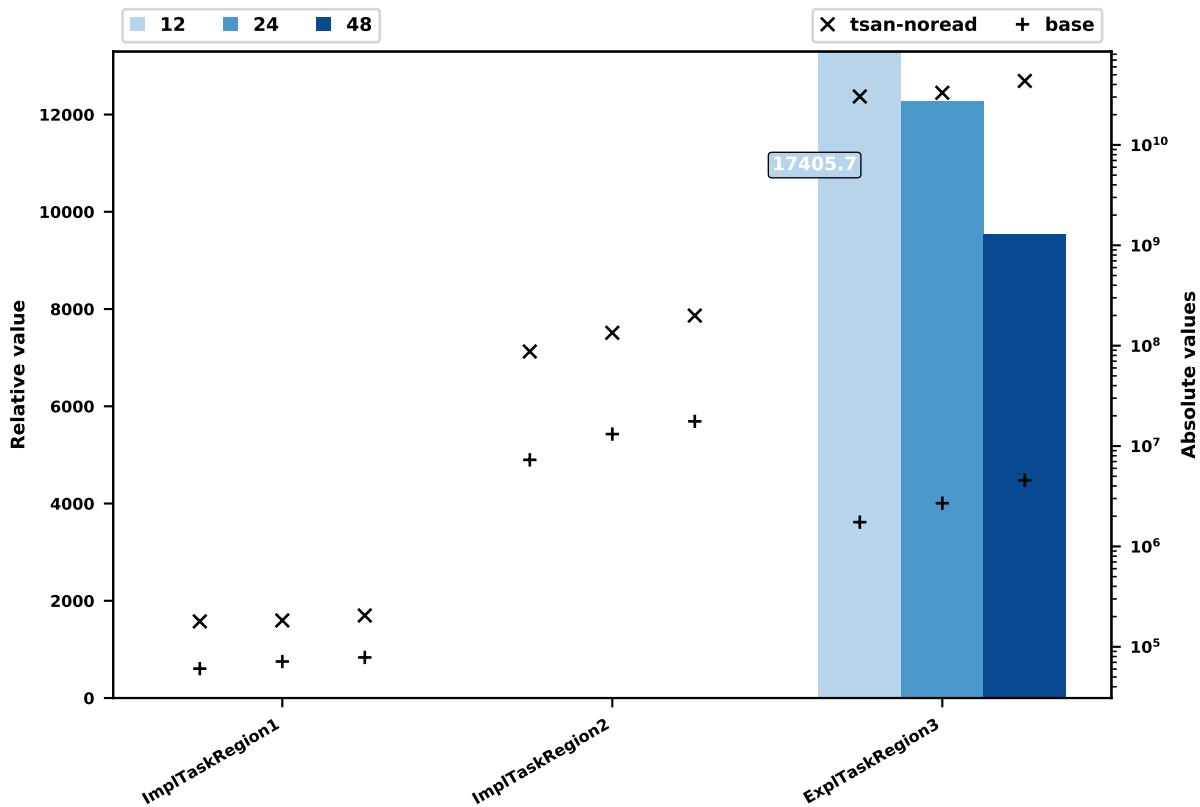




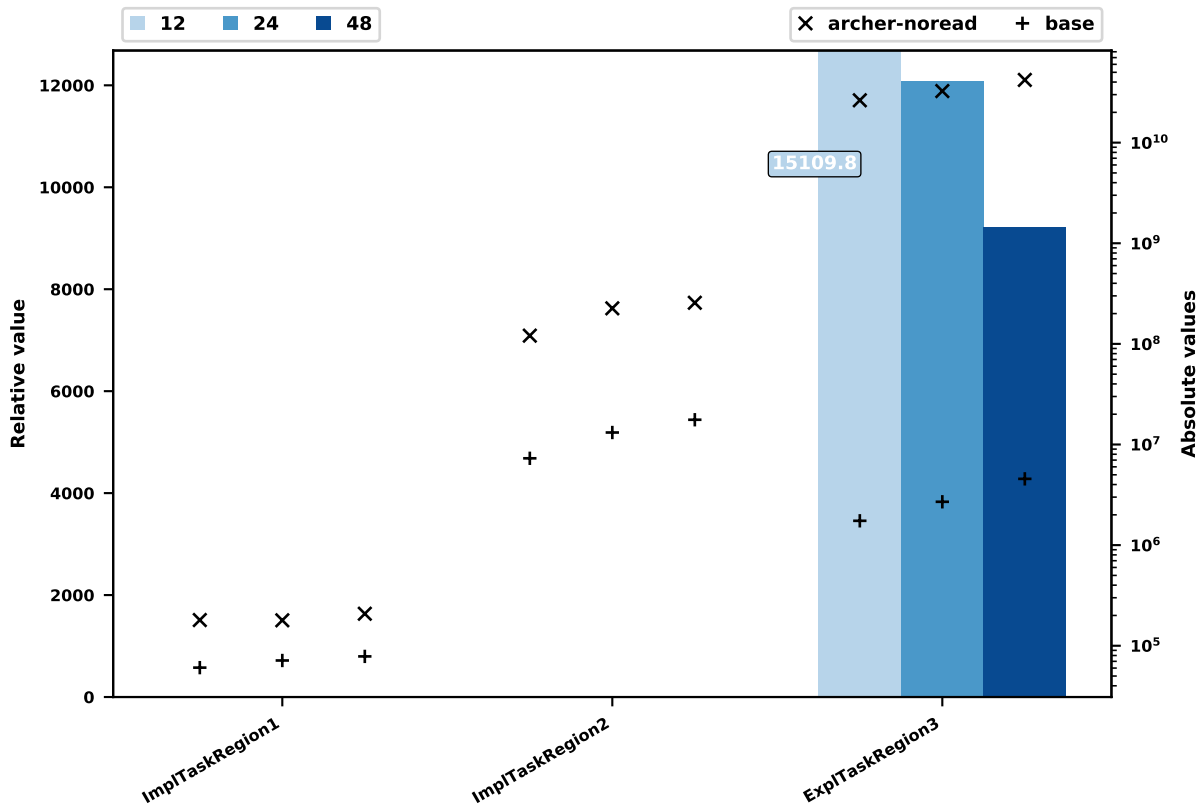
**B. Comparing 358.botsalign-archer variant with base  
for metric L2D\_H**



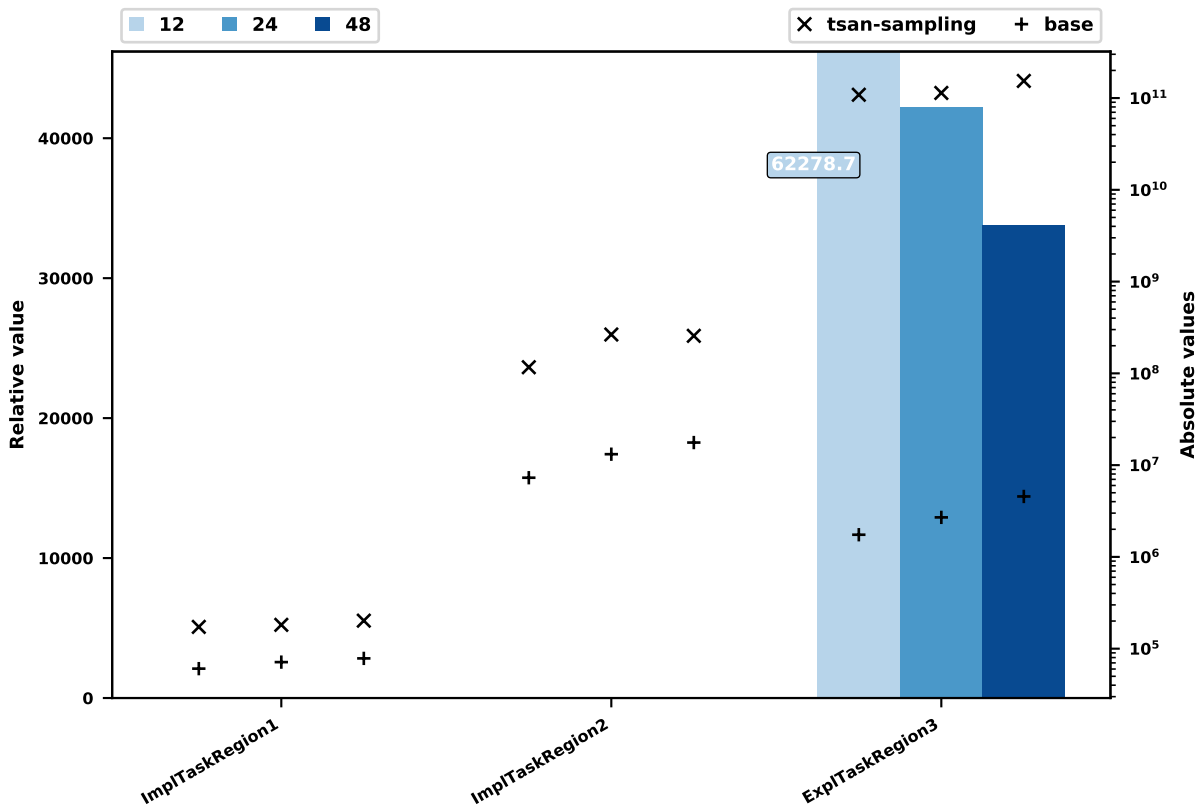
**B. Comparing 358.botsaln-tsan-noread variant with base  
for metric L3D\_A**



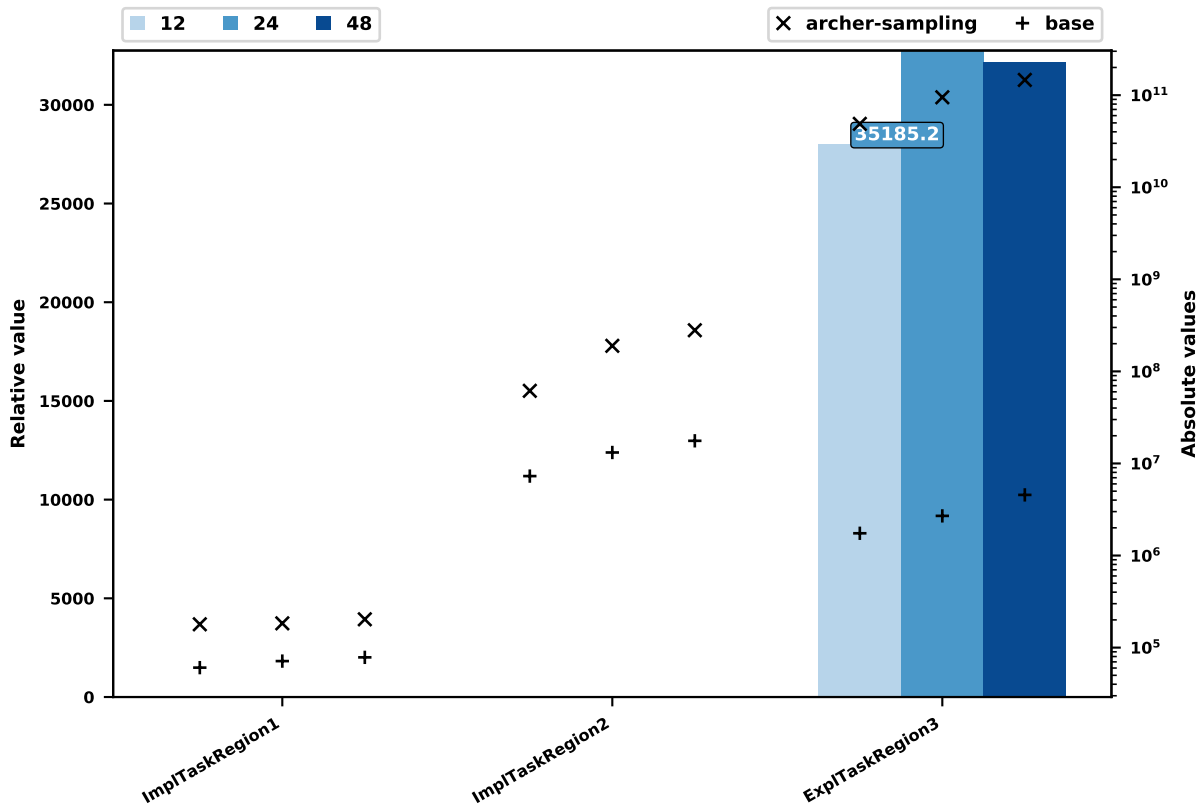
**B. Comparing 358.botsalgn-archer-noread variant with base  
for metric L3D\_A**



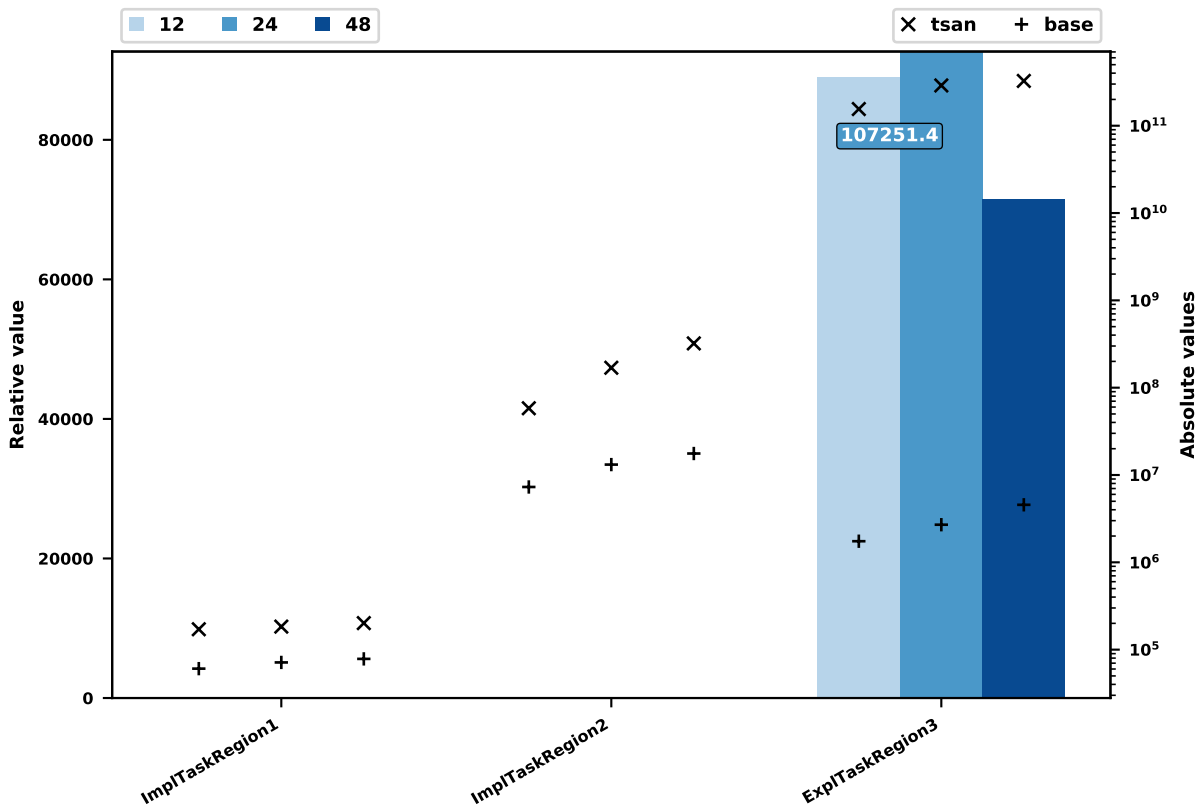
## B. Comparing 358.botsalgn-tsan-sampling variant with base for metric L3D\_A



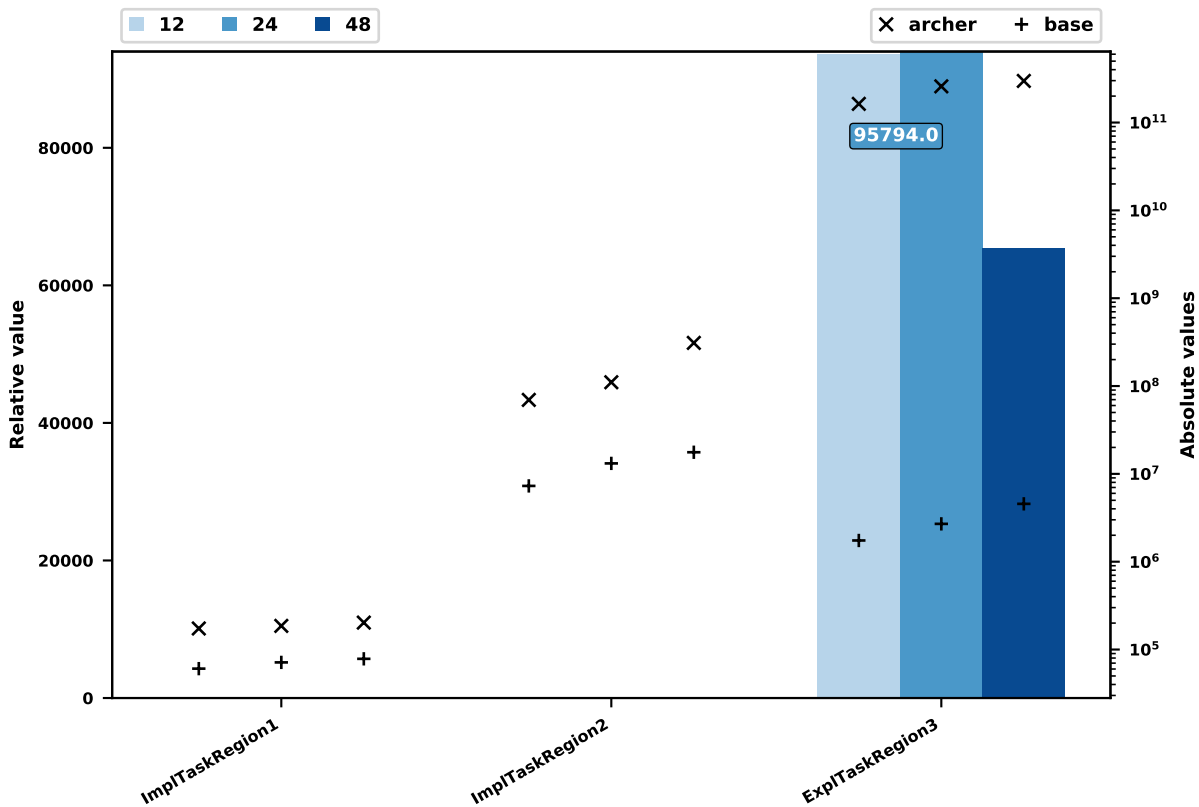
**B. Comparing 358.botsaln-archer-sampling variant with base  
for metric L3D\_A**



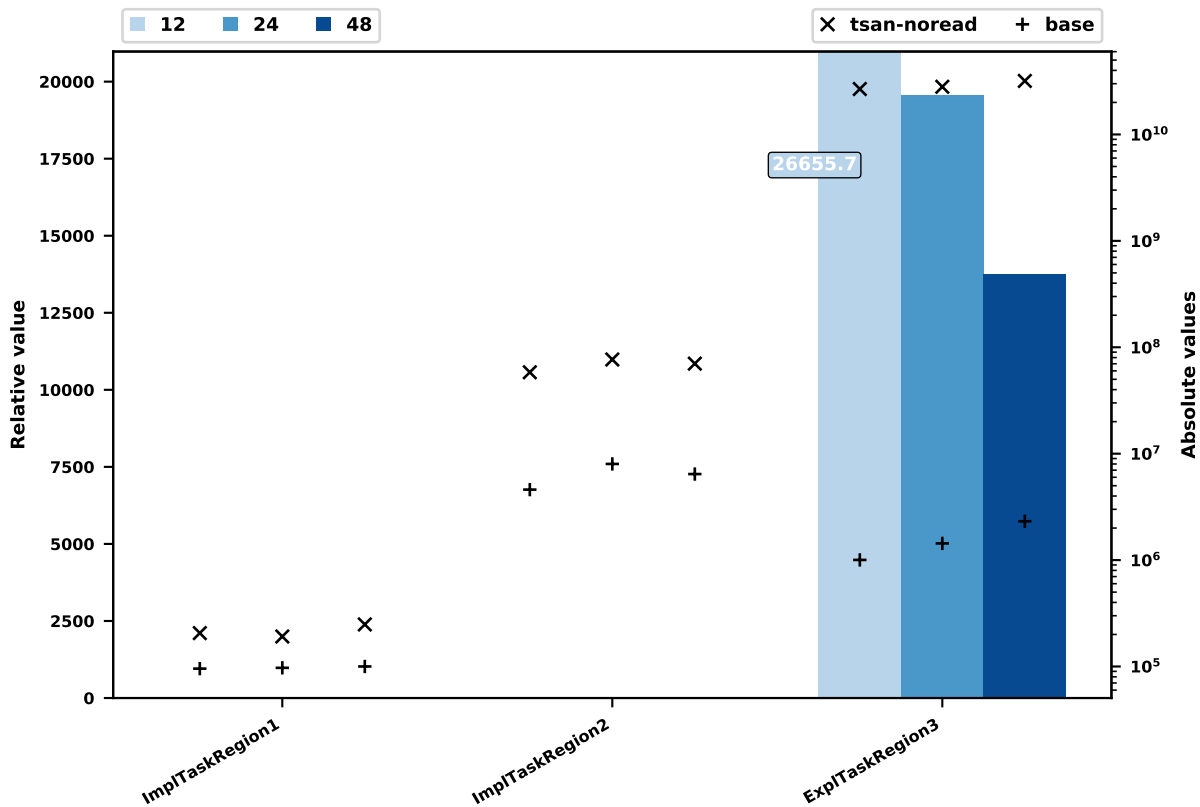
## B. Comparing 358.botsalgn-tsan variant with base for metric L3D\_A



## B. Comparing 358.botsaln-archer variant with base for metric L3D\_A

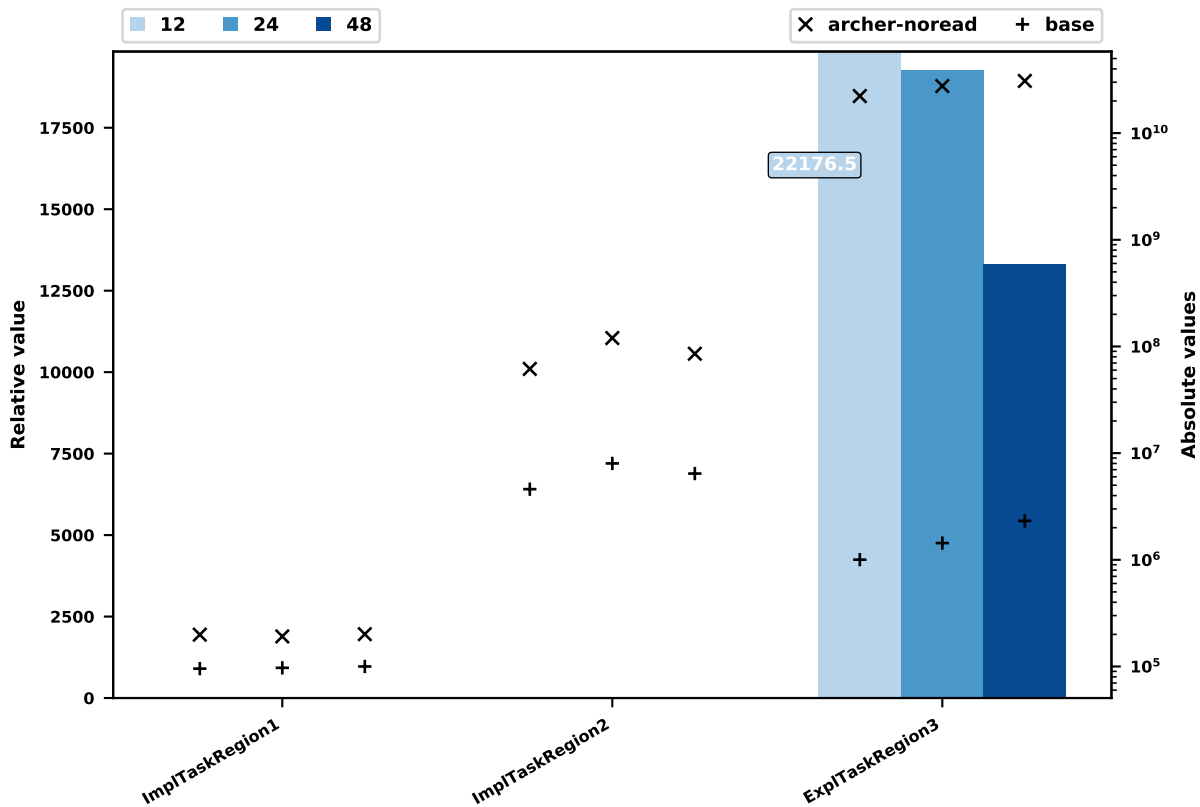


**B. Comparing 358.botsaln-tsan-nored variant with base  
for metric L3\_H**

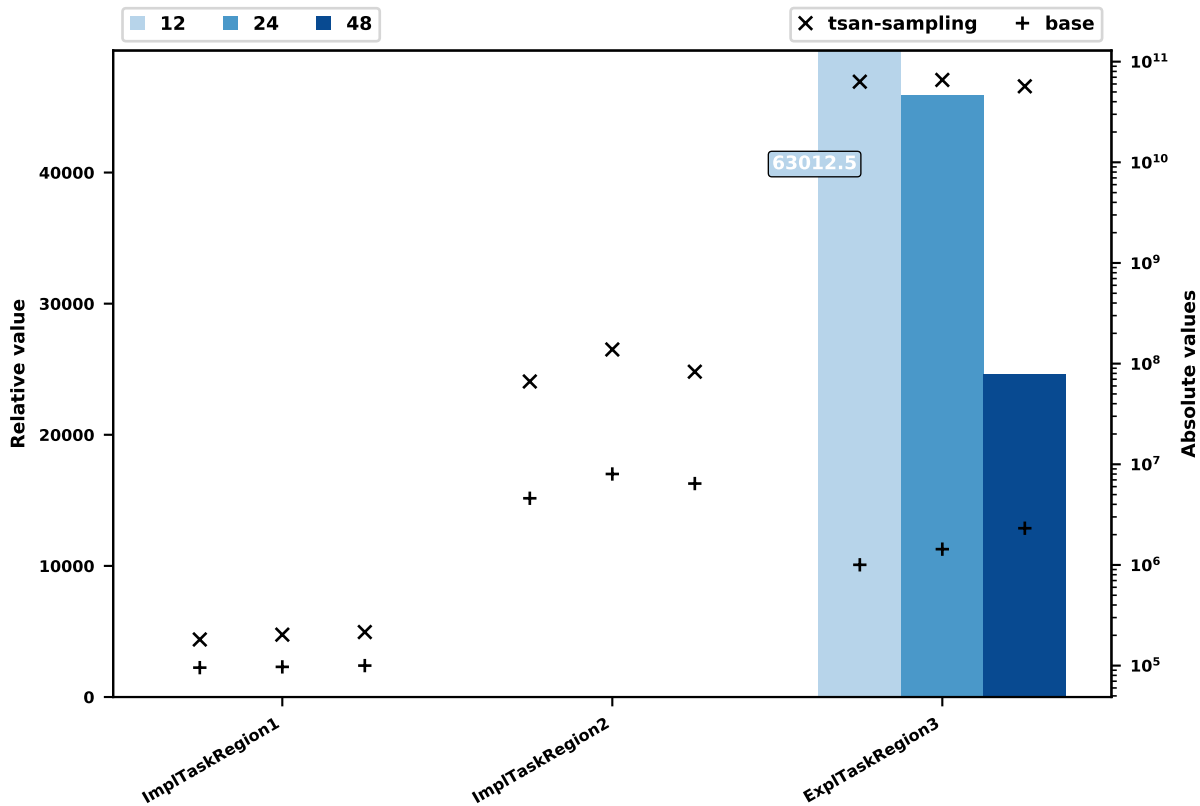




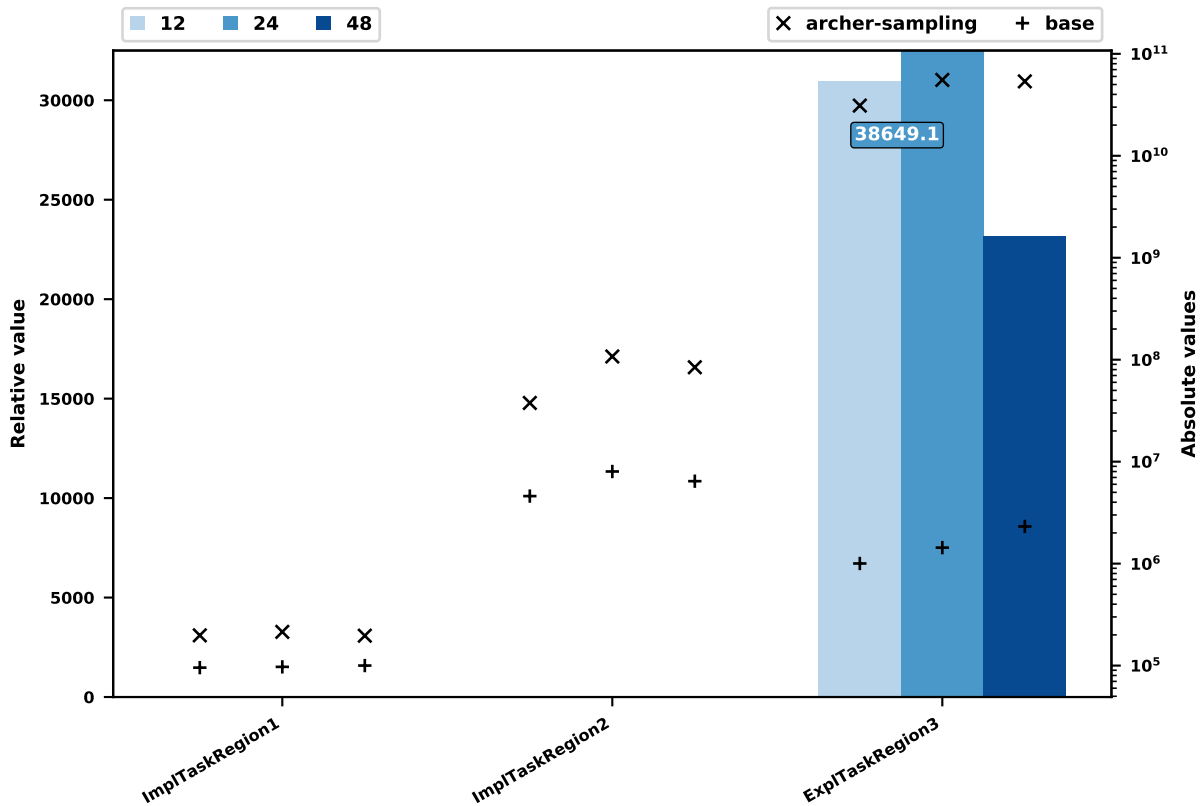
## B. Comparing 358.botsaln-archer-noread variant with base for metric L3\_H



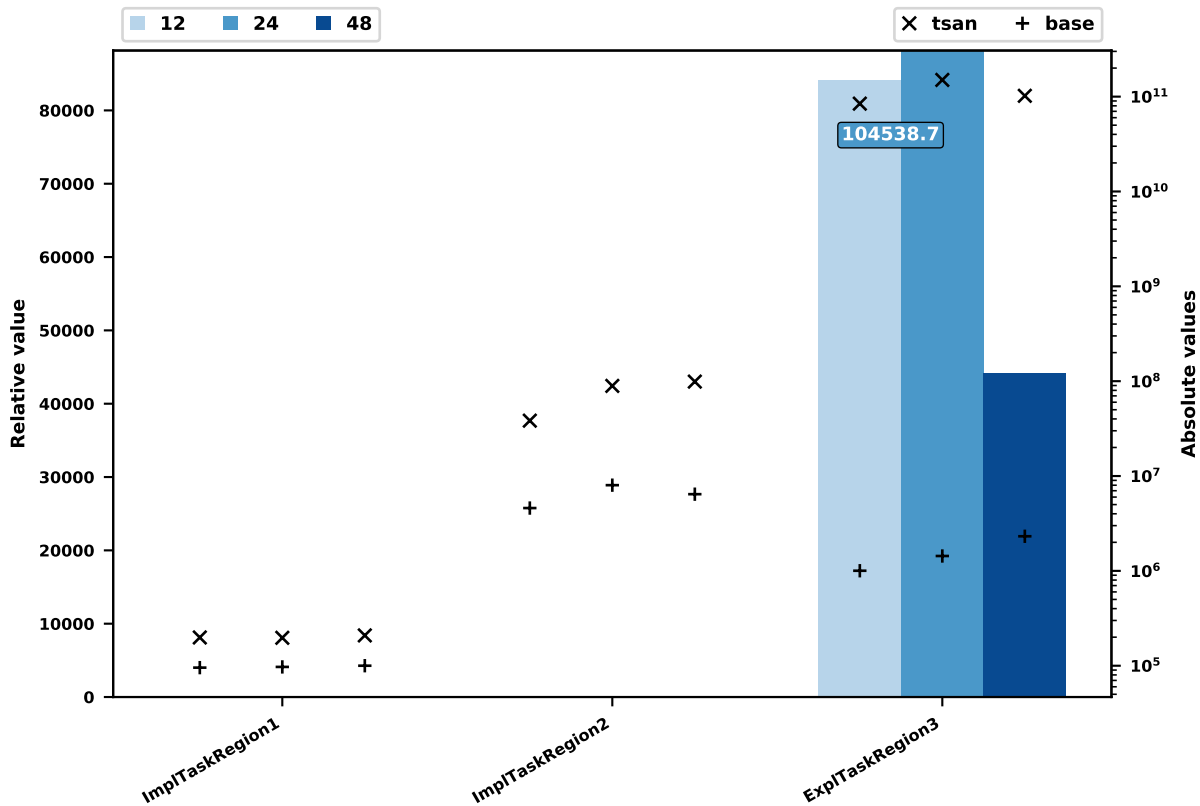
## B. Comparing 358.botsalgn-tsan-sampling variant with base for metric L3\_H



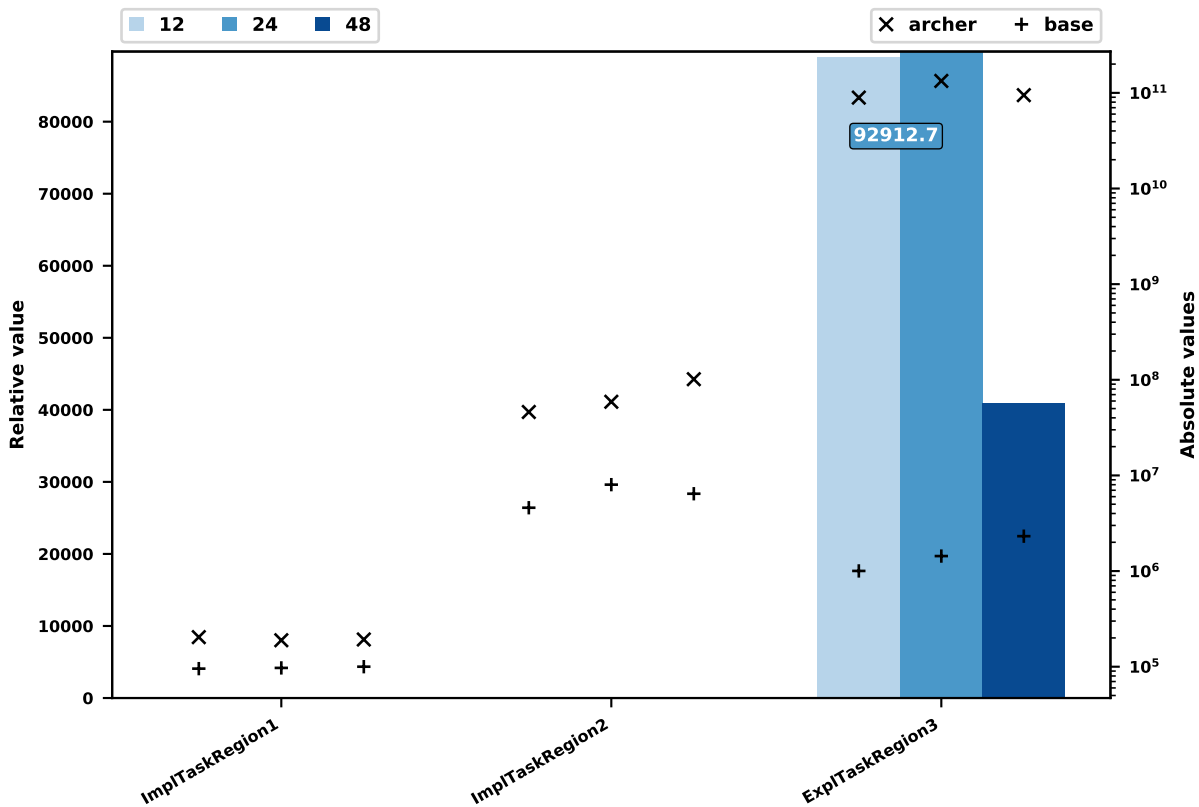
**B. Comparing 358.botsaln-archer-sampling variant with base  
for metric L3\_H**



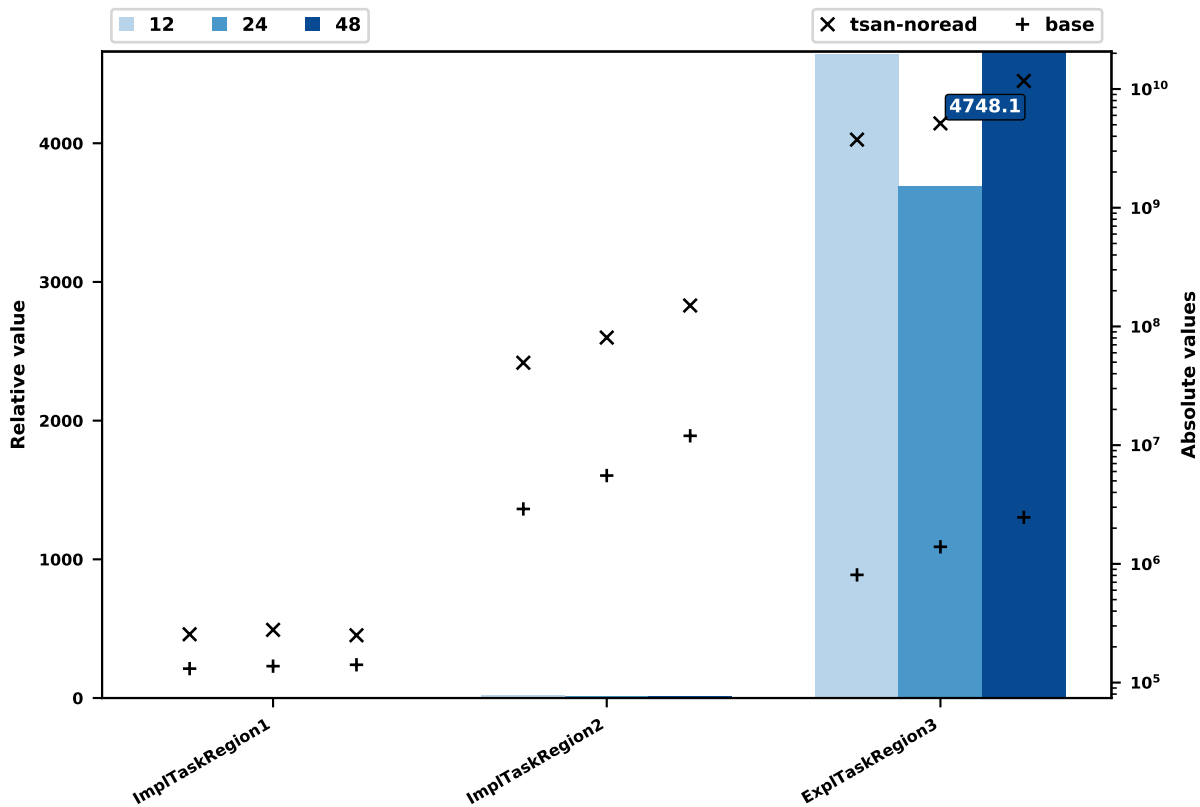
## B. Comparing 358.botsaln-tsan variant with base for metric L3\_H



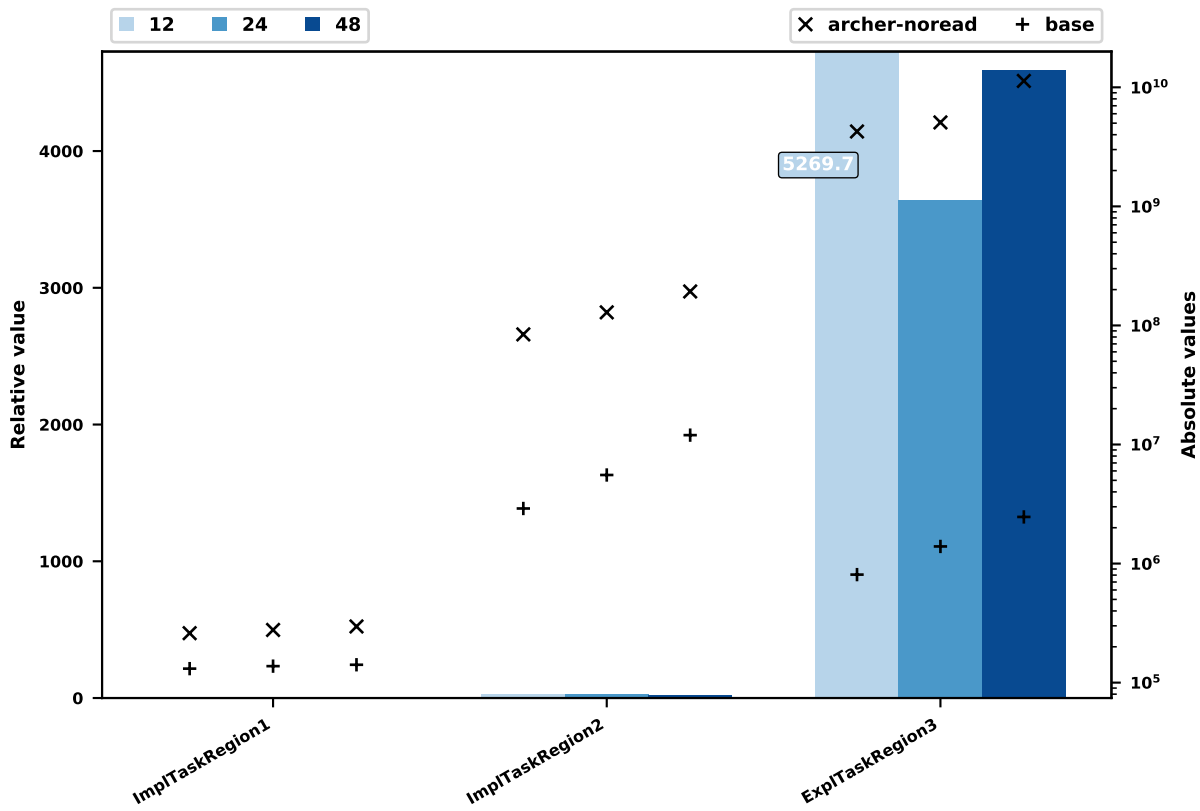
## B. Comparing 358.botsalign-archer variant with base for metric L3\_H



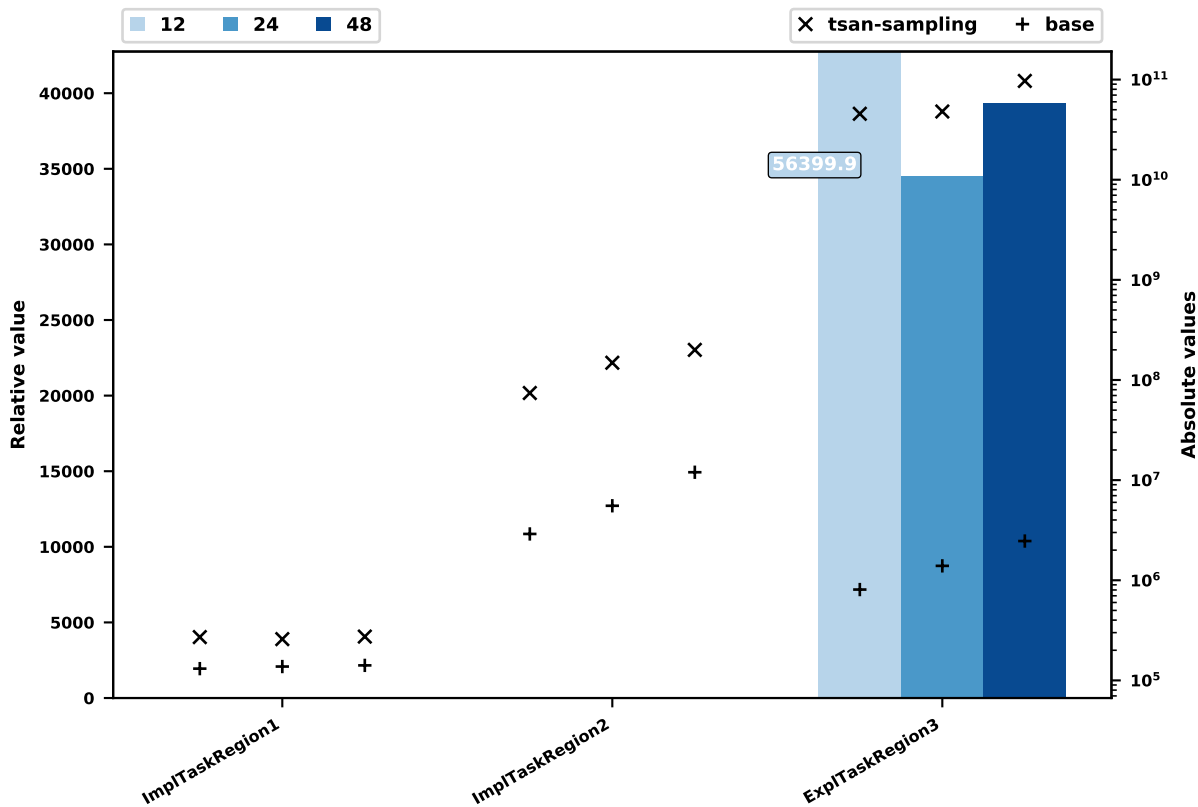
**B. Comparing 358.botsaln-tsan-noread variant with base for metric MEM**



## B. Comparing 358.botsalgn-archer-noread variant with base for metric MEM

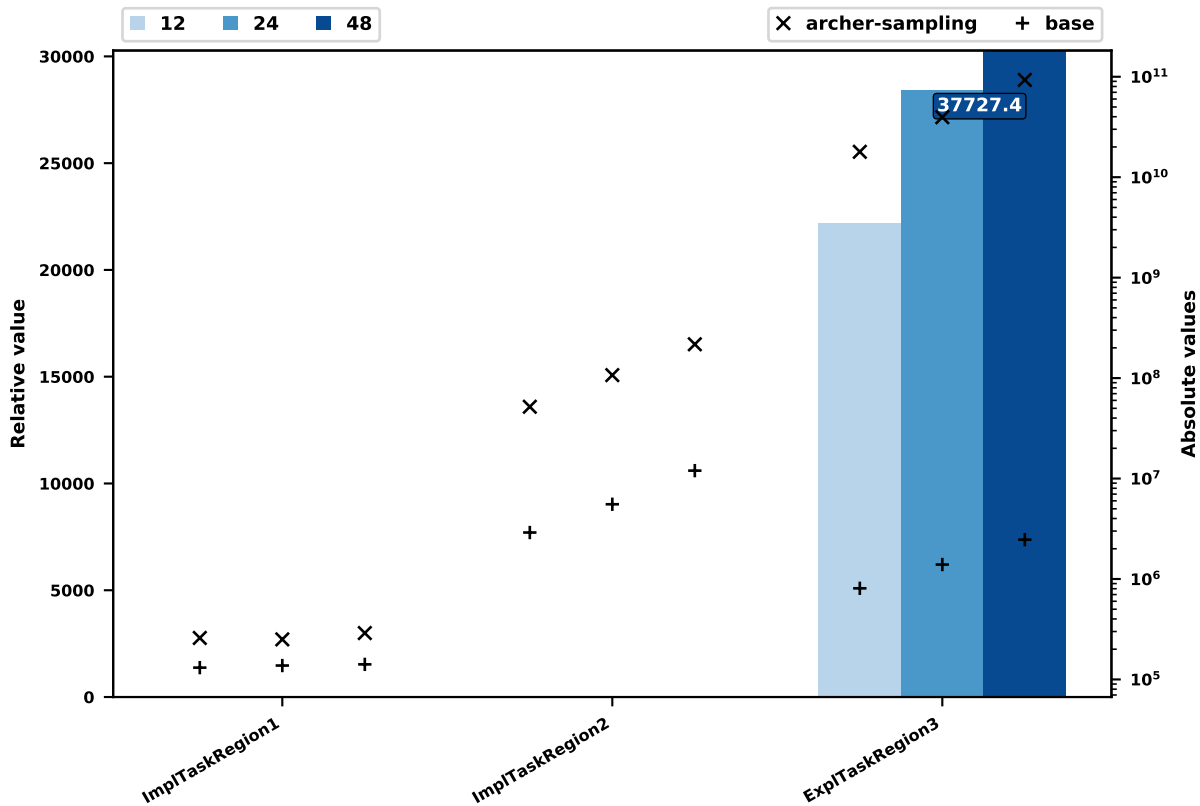


## B. Comparing 358.botsaln-tsan-sampling variant with base for metric MEM

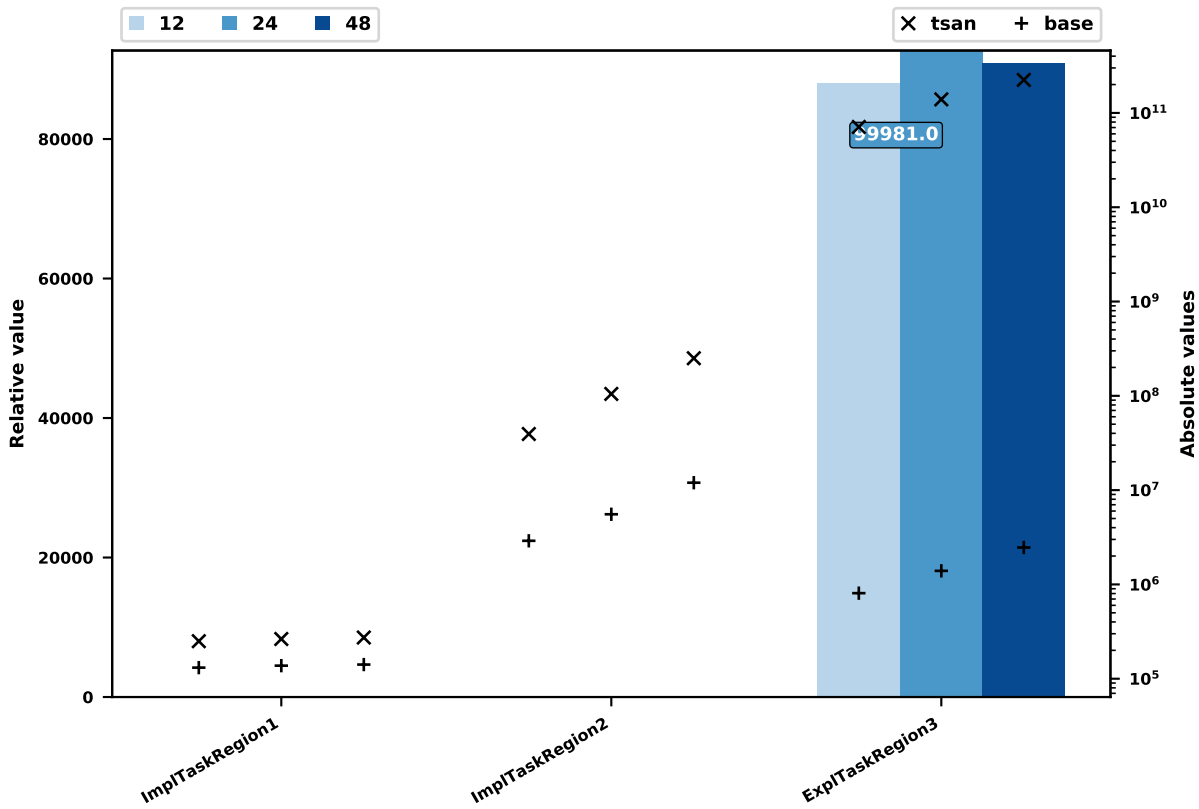




**B. Comparing 358.botsalign-archer-sampling variant with base for metric MEM**



## B. Comparing 358.botsalign-tsan variant with base for metric MEM



## B. Comparing 358.botsaln-archer variant with base for metric MEM

