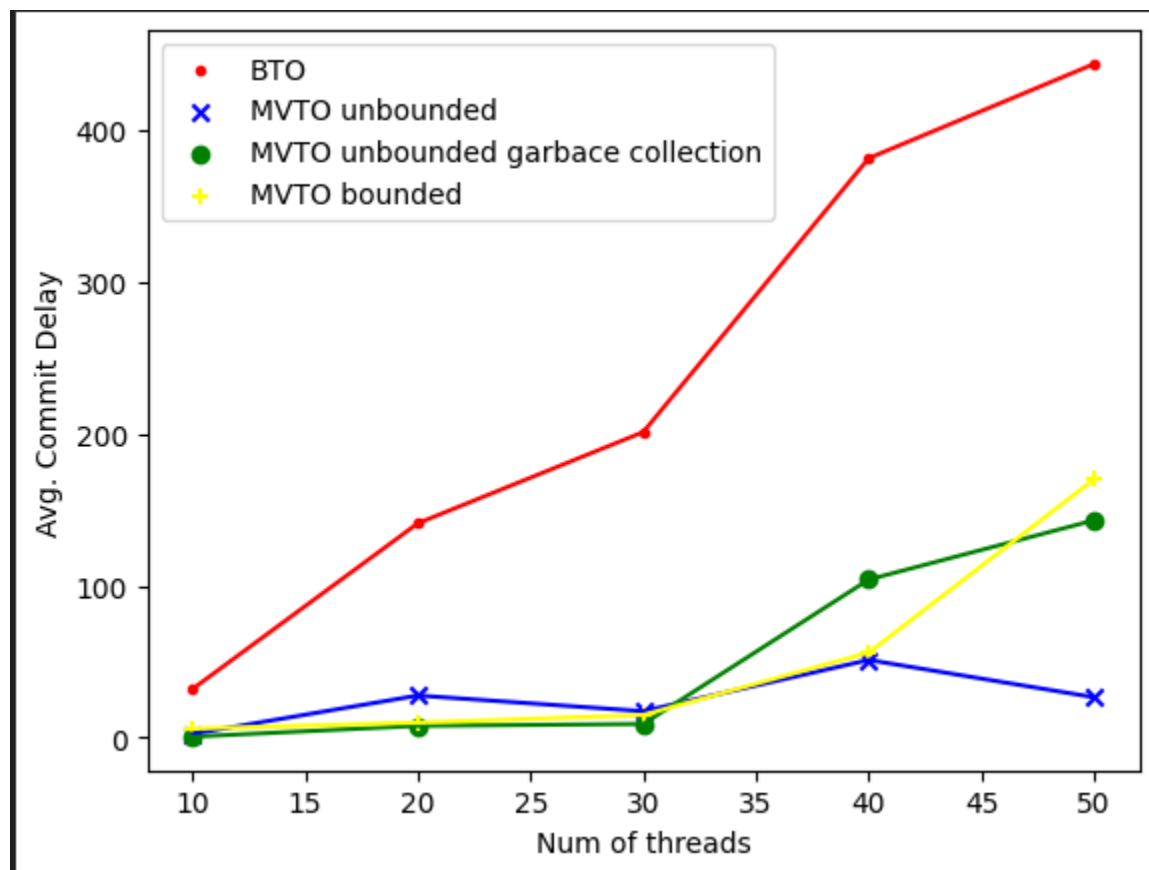


REPORT

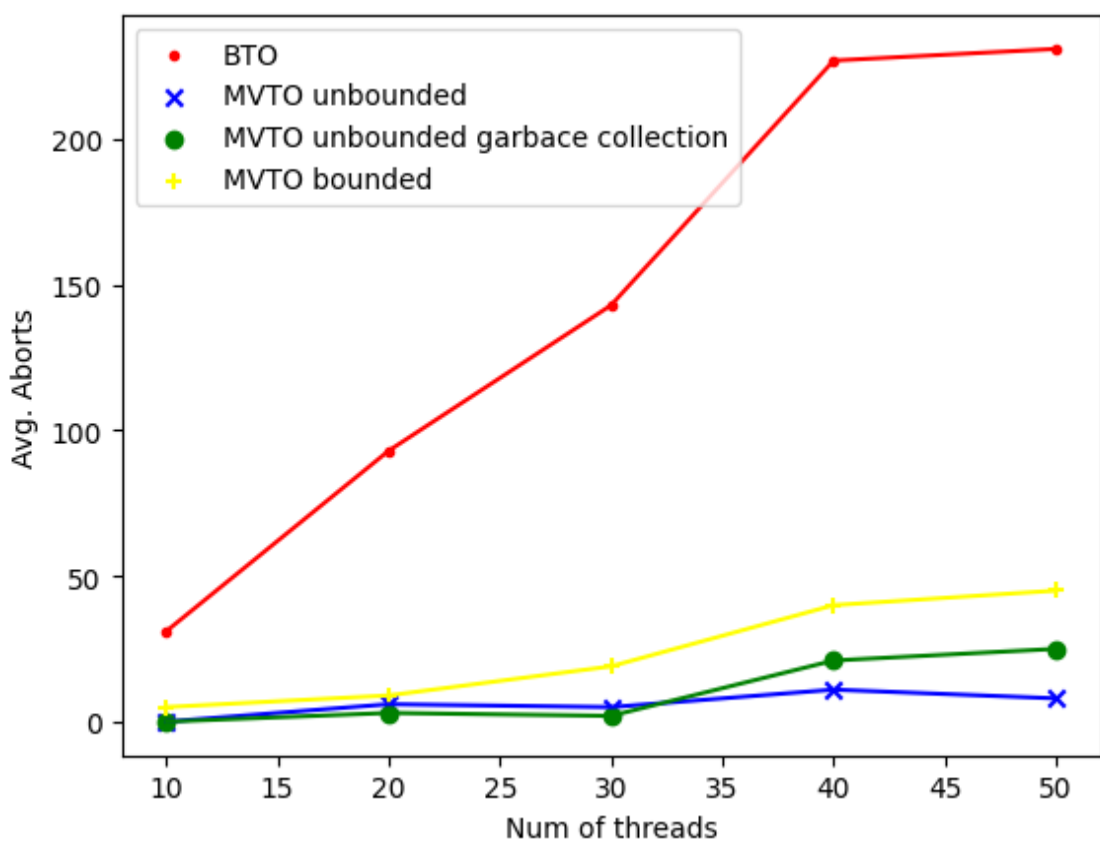
Diya Goyal
Cs20btech11014

Average Commit Delay:



As we can see from the graph BTO has the highest commit delay, which is followed by MVTO bounded and MVTO unbounded and with garbage collection are almost the same. This is due to the fact that after reading a data item in bto, if that transaction is not committed there is no way to change it and it may affect the future transactions. In MVTO bounded the reason is that we delete the versions as we have limited them, then transactions which might come later and need the older version but is not present, hence can get aborted, leading to higher commit delay.

Average Aborts:



We can see from the graph that BTO has the highest number of aborts, followed by MVTO bounded and MVTO unbounded and MVTO unbounded garbage collection are almost the same.