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**Explaination:**

From the results above, the average wait time is lesser for the demotion threshold 5 and dispatch ratio 5.

From the 2 cases checked, we identified that the scheduling is more efficient if the dispatch ratio is smaller for same demotion threshold. This could be because of more processes are present in Queue A which are having high burst times that is not efficient with the quantum time of A, which is why we need frequent dispatches to happen from B as the burst times are larger and having times greater than expected threshold!