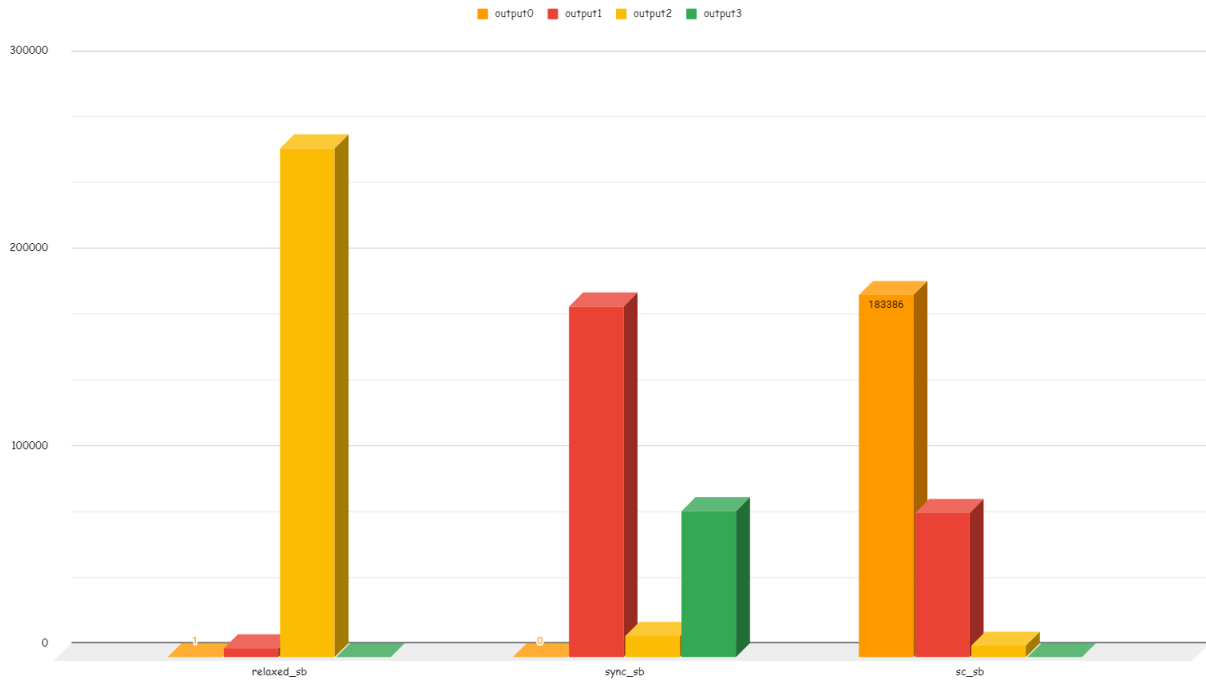


Part 2: Write Up

During the execution of part2, I struggled with reproducing relaxed memory behavior. I could not get any relaxed memory behavior until I included the -O3 flag in my make file. This helped even though consistently acquiring the desired behavior was difficult. If I were trying to reproduce relaxed behavior consistently, I would buy a legitimate Linux based computer rather than trying to run a Linux image on docker. From the two images posted below, we can see that the results vary greatly.

Part 2 Histogram



relaxed_sb	sync_sb	sc_sb
1	0	183386
4437	177637	72953
257704	10727	5805
2	73780	0