

Forsyth - FH2T Overall level summary (as of March 25, 2021)

- Data source: 2021-03-25-wpi_ies_study_fall_20_aggregation_table

Figure 1. The avg. number of worlds attempted (at least 1 problem tried), the number of worlds cleared (solved at least 14 problems), and the number of worlds completed (solved all 18 problems) by school

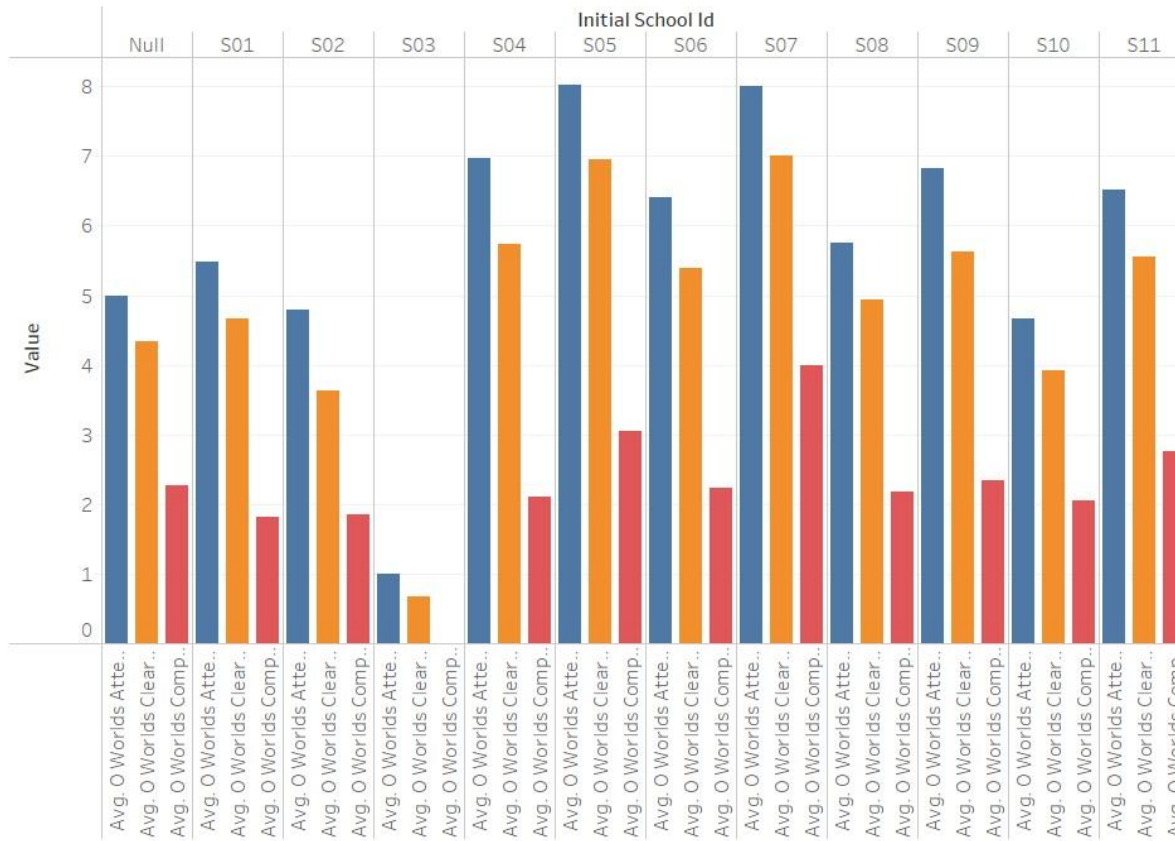


Figure 1.2. The avg. number of worlds attempted (at least 1 problem tried), the number of worlds cleared (solved at least 14 problems), and the number of worlds completed (solved all 18 problems) by the performance level

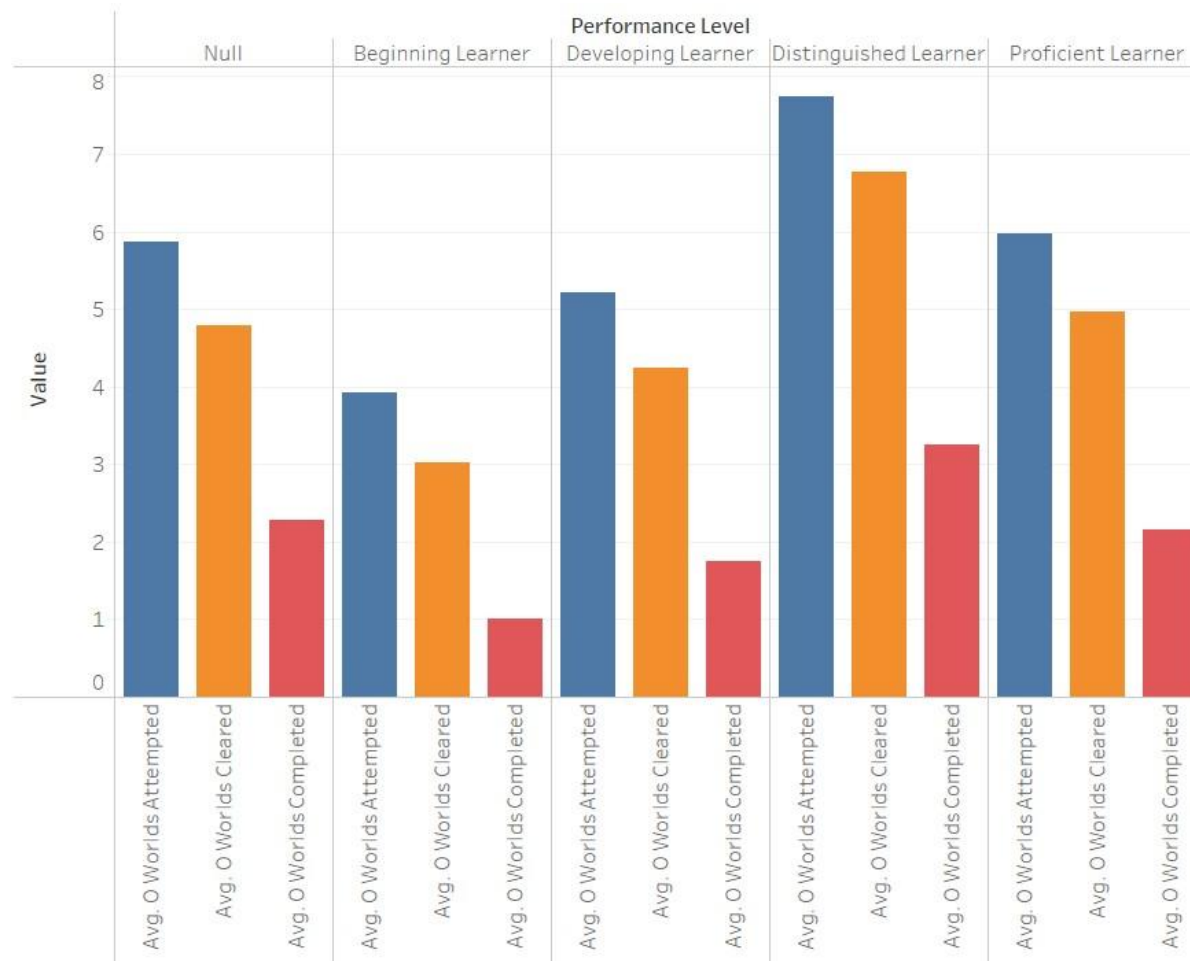


Figure 2. The average number of completions during one session (blue) and the average number of distinct problems a user completed during one session (orange) by school

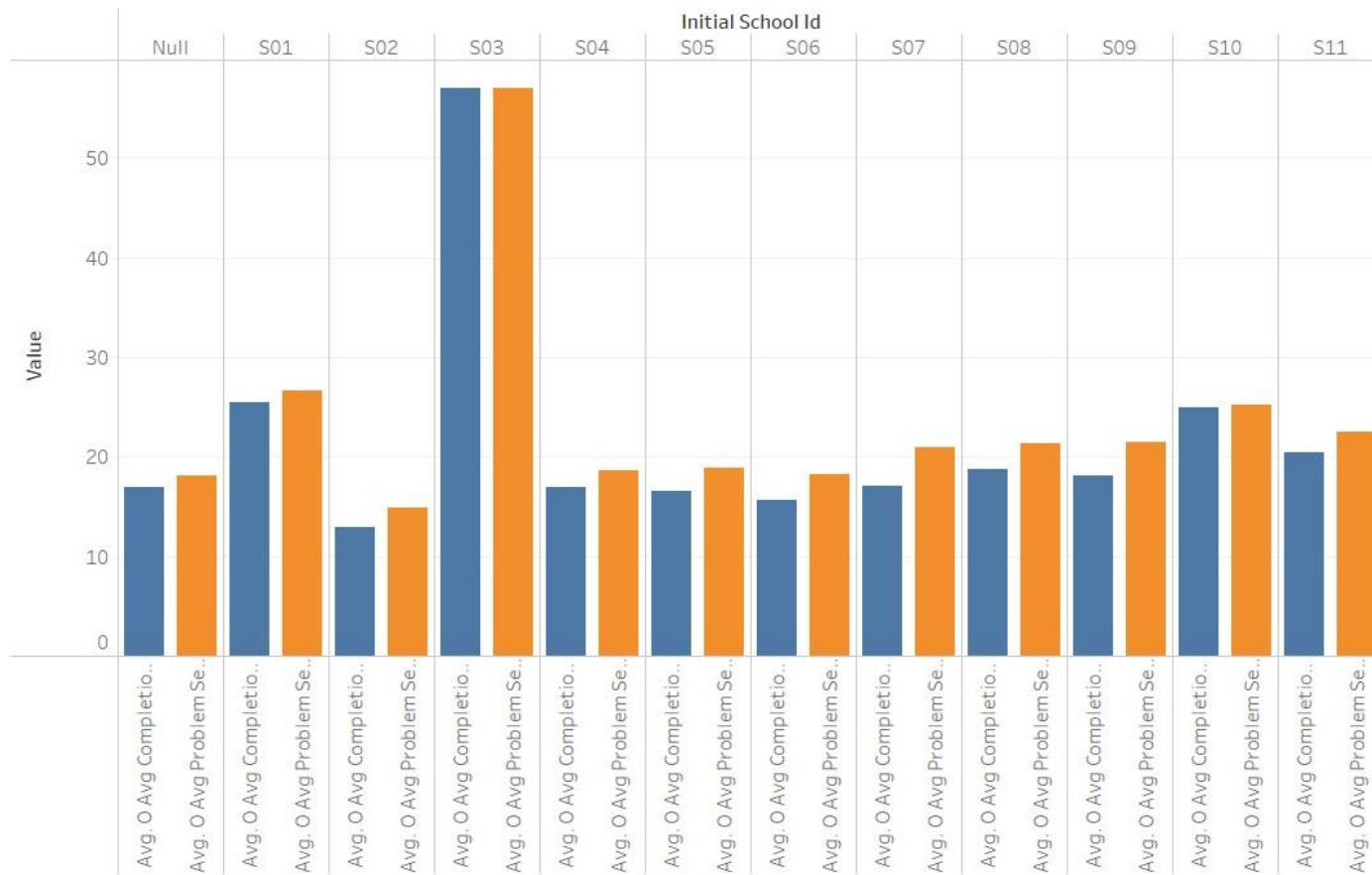


Figure 2.2. The average number of completions during one session (blue) and the average number of distinct problems a user completed during one session (orange) by performance level

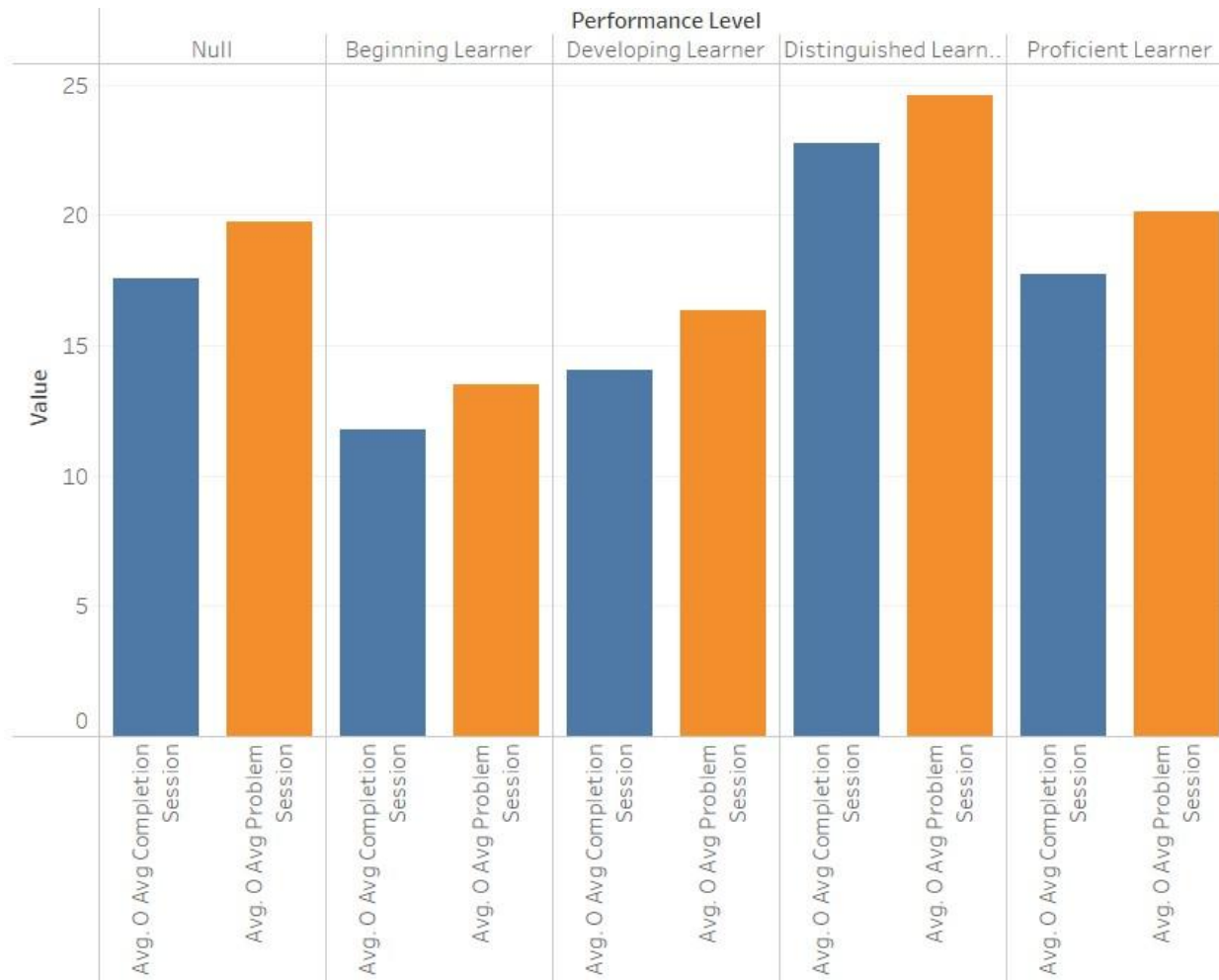


Figure 3-1. The total number of visits across all problems, the total number of problems a user saw in FH2T, the total number of problems a student tried, and the total number of problems a student completed

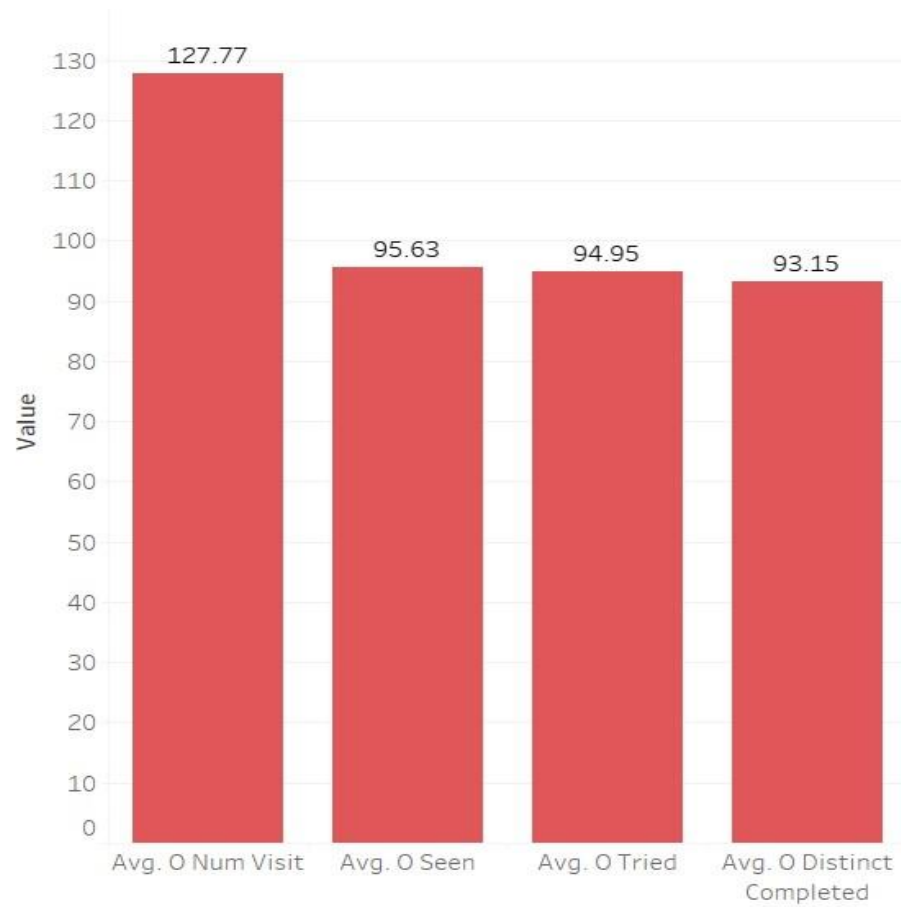


Figure 3-2. The total number of visits across all problems, the total number of problems a user saw in FH2T, the total number of problems a student tried, and the total number of problems a student completed by school

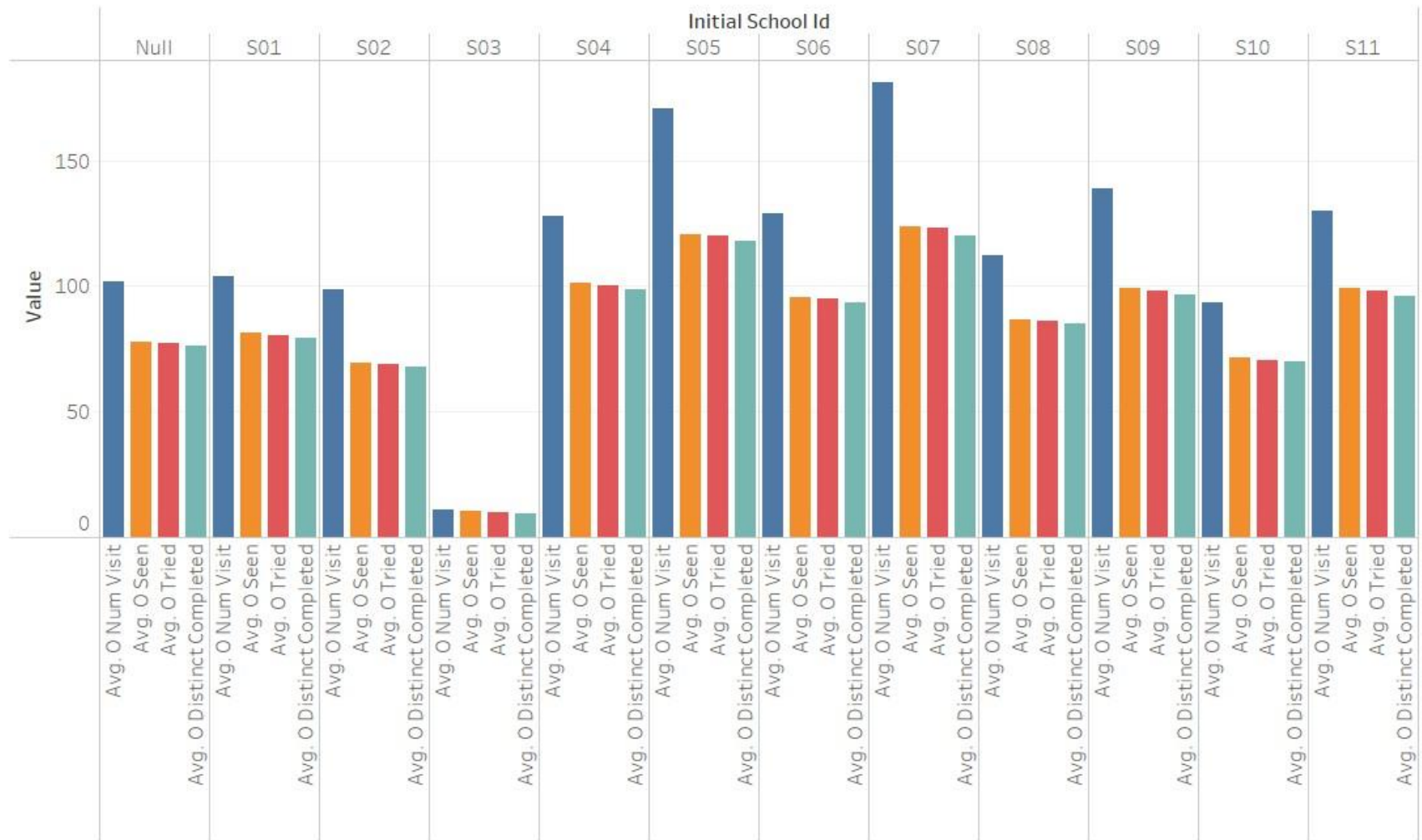


Figure 4. The average of total go-backs across each performance level (a student goes back and re-completes the problem)

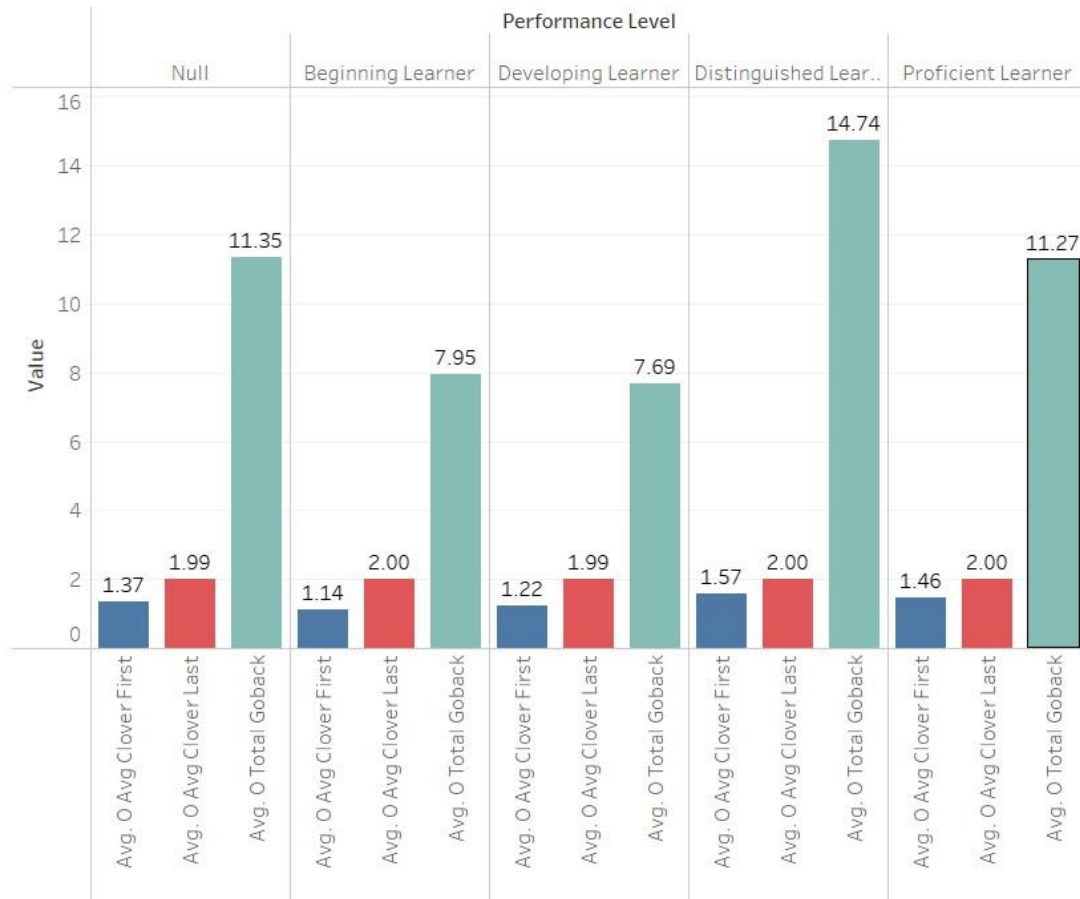


Figure 5. The average of students' pausing time (in milliseconds) by performance level

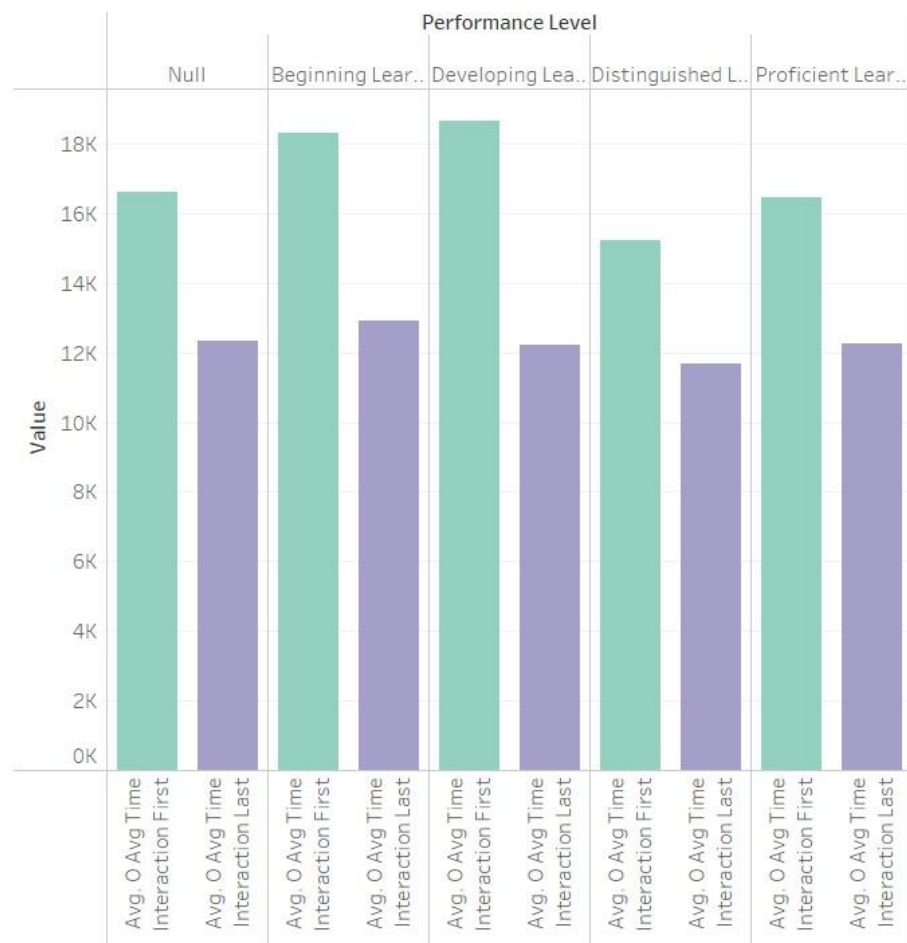


Figure 7. Average time interaction for each school in minutes compared to the average total problems completed for each school (shown in order of the school with the greatest quantity of problems completed to least).

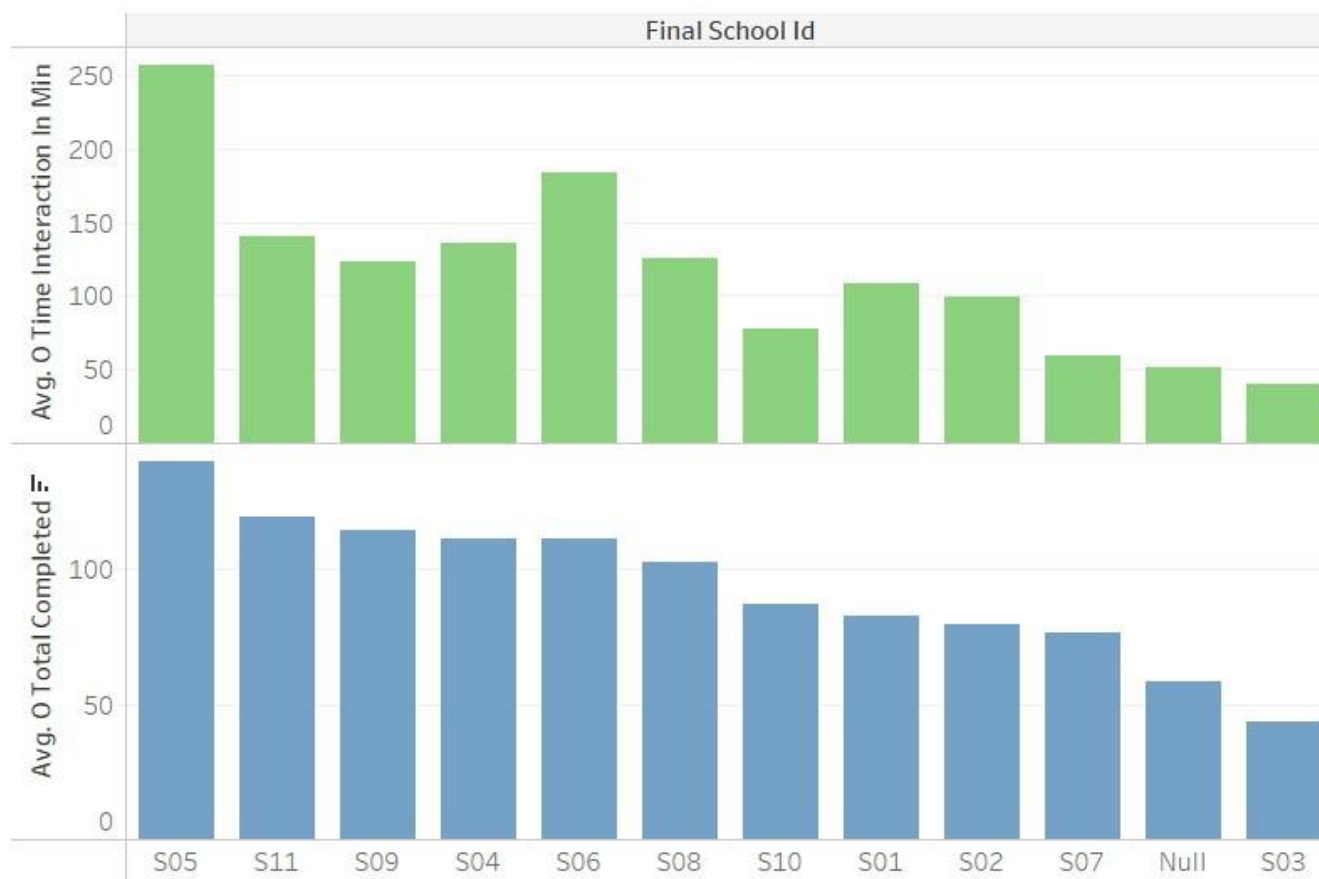


Figure 8. Average time of interaction for each school (green) in order from greatest time spent to least shown with the average total problems correct for each school (pink) and average worlds completed for each school (blue).

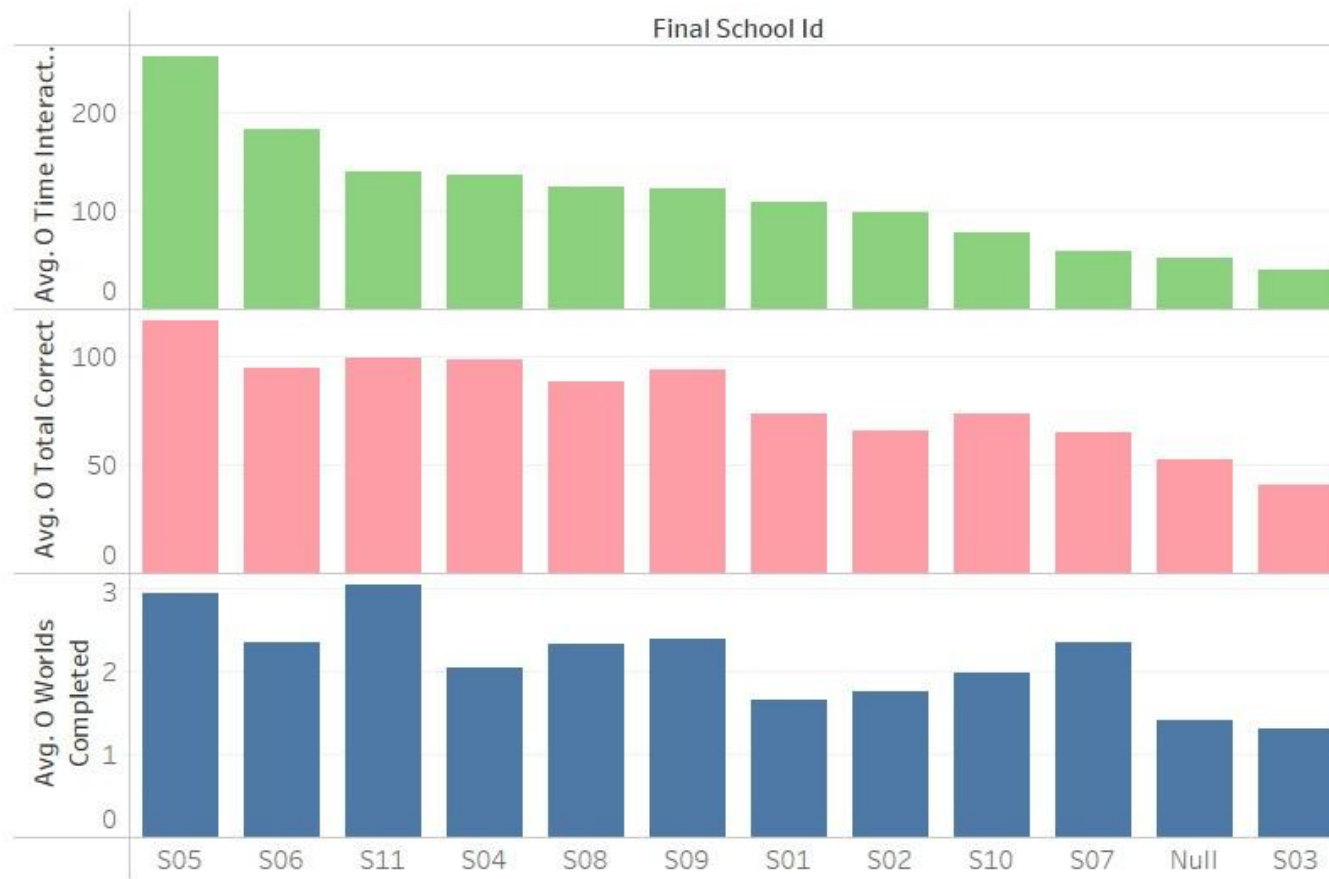


Figure 9. Average sessions completed (blue), average problems completed per session (orange), average of problems completed on first try (purple), and average of problems tried for each school (red).

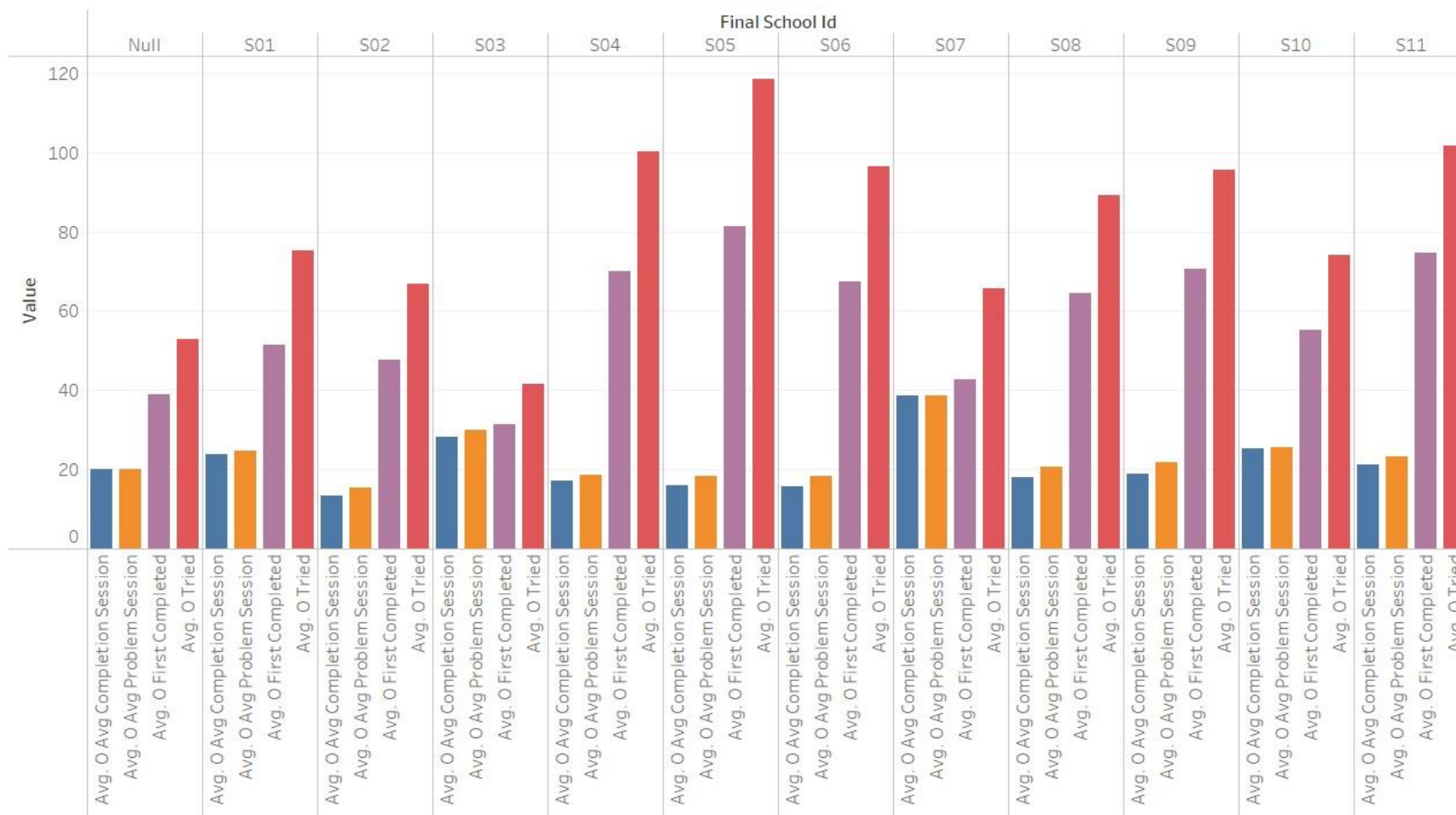


Figure 9-b. Avg. O Tried per session compared to Avg. O First Completed per session for each school

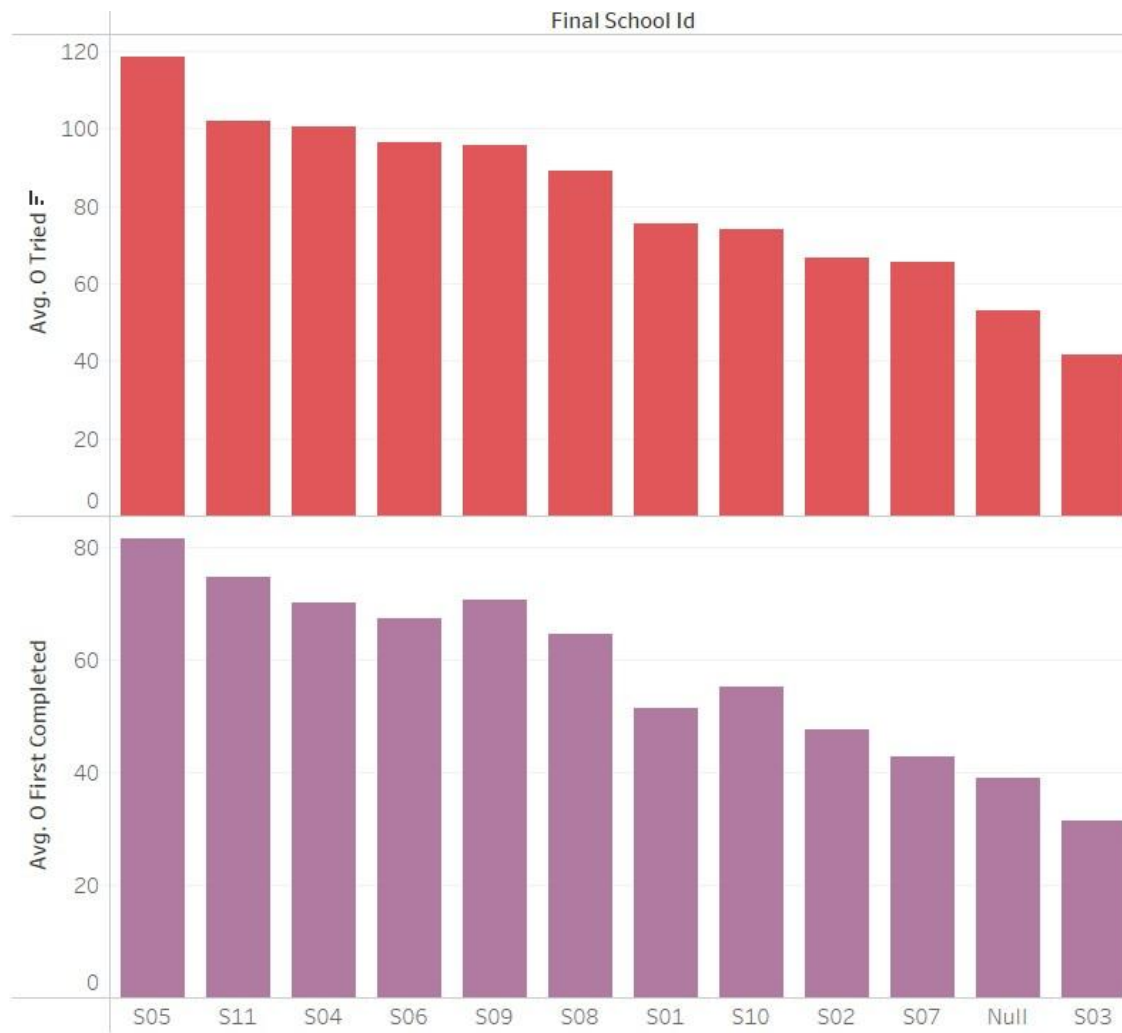


Figure 9-c. Avg. completion session and avg. problem session for each school shown in decreasing order.

