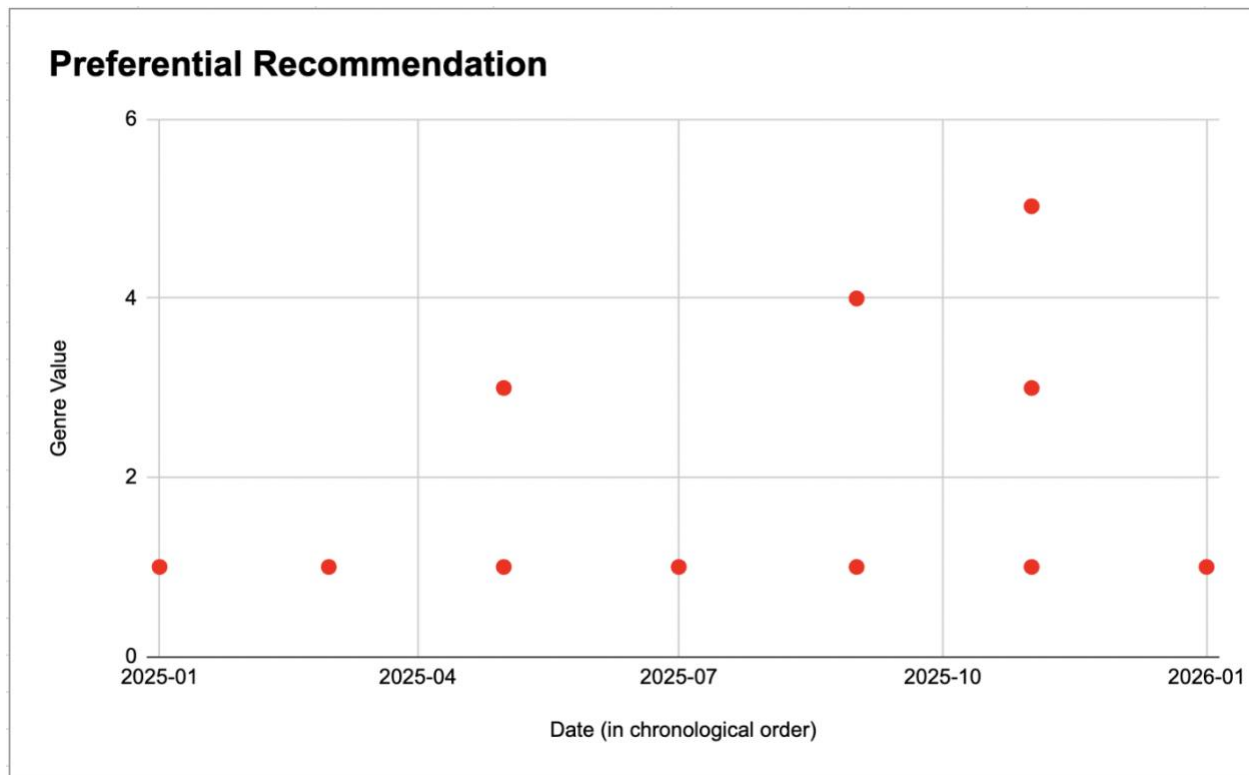
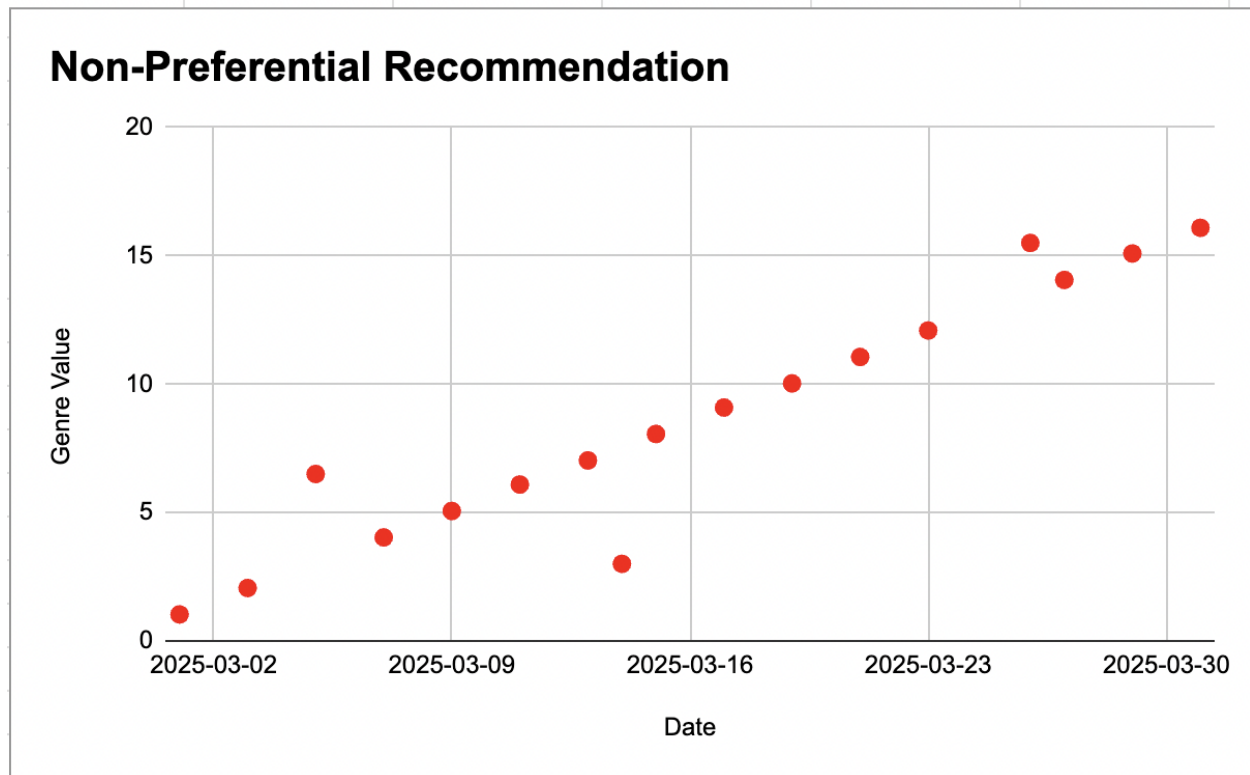


## Supervision Guidelines:

**Preferential Recommendation** – In the graph below, you will see what I’ve coined “preferential recommendation. You will see strong horizontal behavior towards one deviation (or, in this case genre). The deviation is just an arbitrary number correlated to the genre. For every .03 value added to the deviation that will tell us how far removed the subgenre is removed from the genre.



**Non-Preferential Recommendation** – In the graph below, you will see what I’ve coined “non-preferential recommendation. You will see strong positive correlation behavior (keep in mind that:  $\lim_{n \rightarrow \infty} = 16.09$ . The deviation is just an arbitrary number correlated to the genre. For every .03 value added to the deviation that will tell us how far removed the subgenre is removed from the genre. This correlation will tell us that this reader likes to read a variety of genres. So, idealistically, an ML model shouldn’t return any valid linear regression.



***Non-Static Preferential Recommendation*** – In the graph below, you will see what I’ve coined “non-static preferential recommendation. You will see a weak horizontal trend behavior (keep in mind that:  $\lim_{n \rightarrow \infty} = 16.09$ . The deviation is just an arbitrary number correlated to the genre.) For every .03 value added to the deviation that will tell us how far removed the subgenre is removed from the genre. This correlation will tell us that this reader likes to read a variety of genres, but still flocks towards a favorite genre. In other words, it is a mixture of the aforementioned models above.

# Non-Static Preferential

