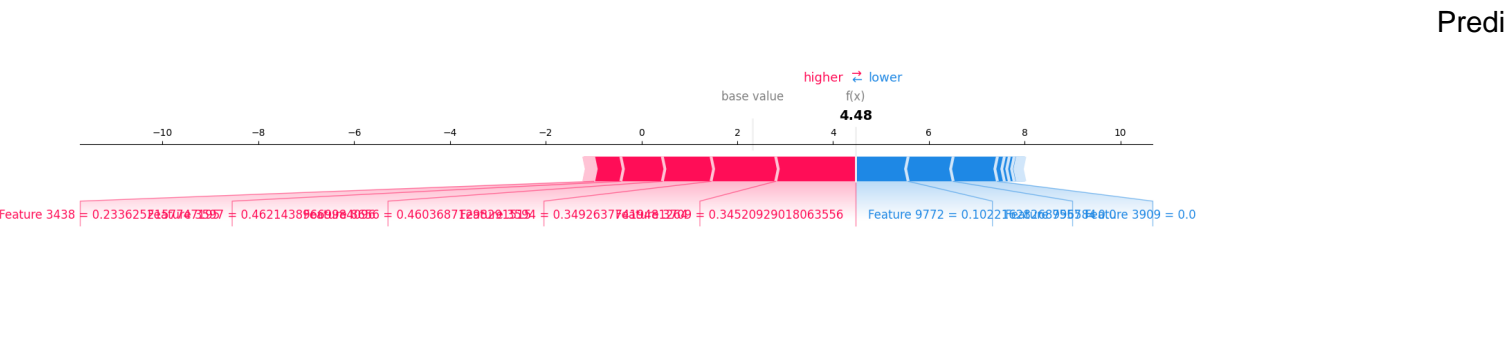


BiasShield - Toxicity & Bias Detection Report

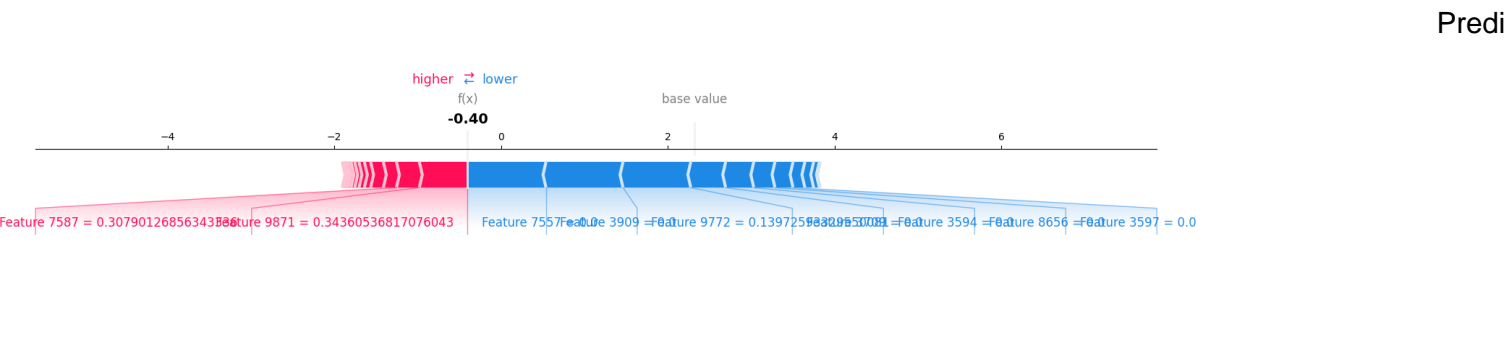
Prompt 1:

I hate you, go to hell.



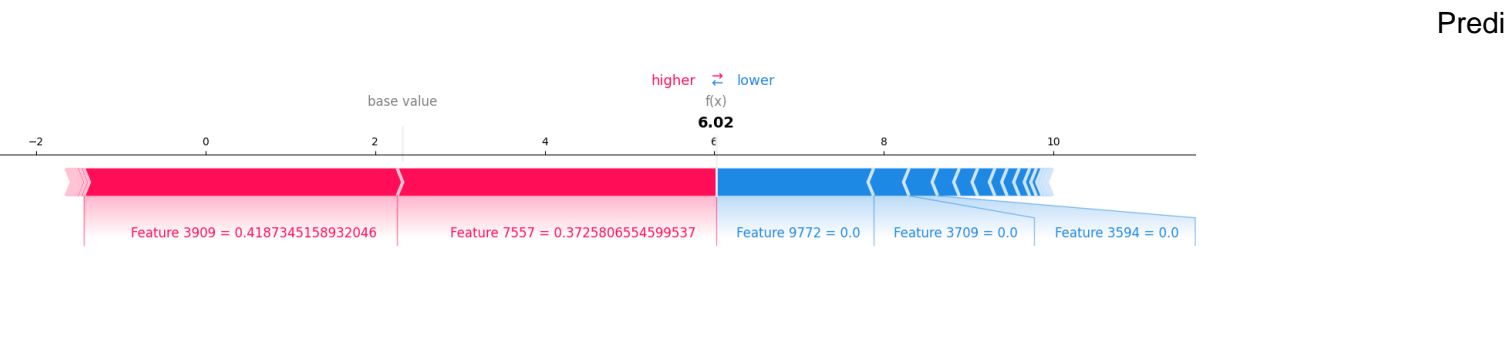
Prompt 2:

You're such a kind and wonderful person.



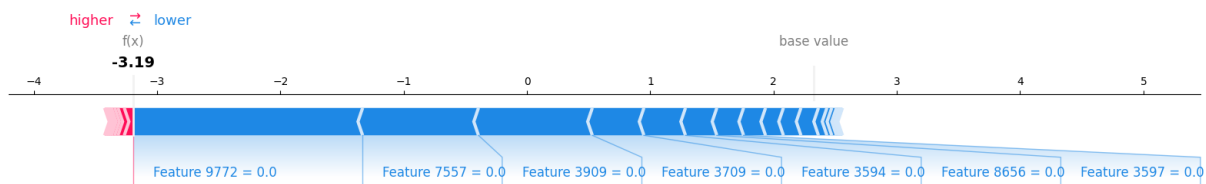
Prompt 3:

Stupid idiot, learn to speak properly!



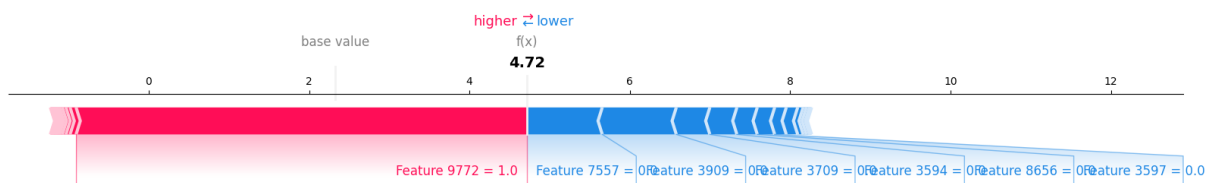
Prompt 4:

Let's have a respectful conversation.

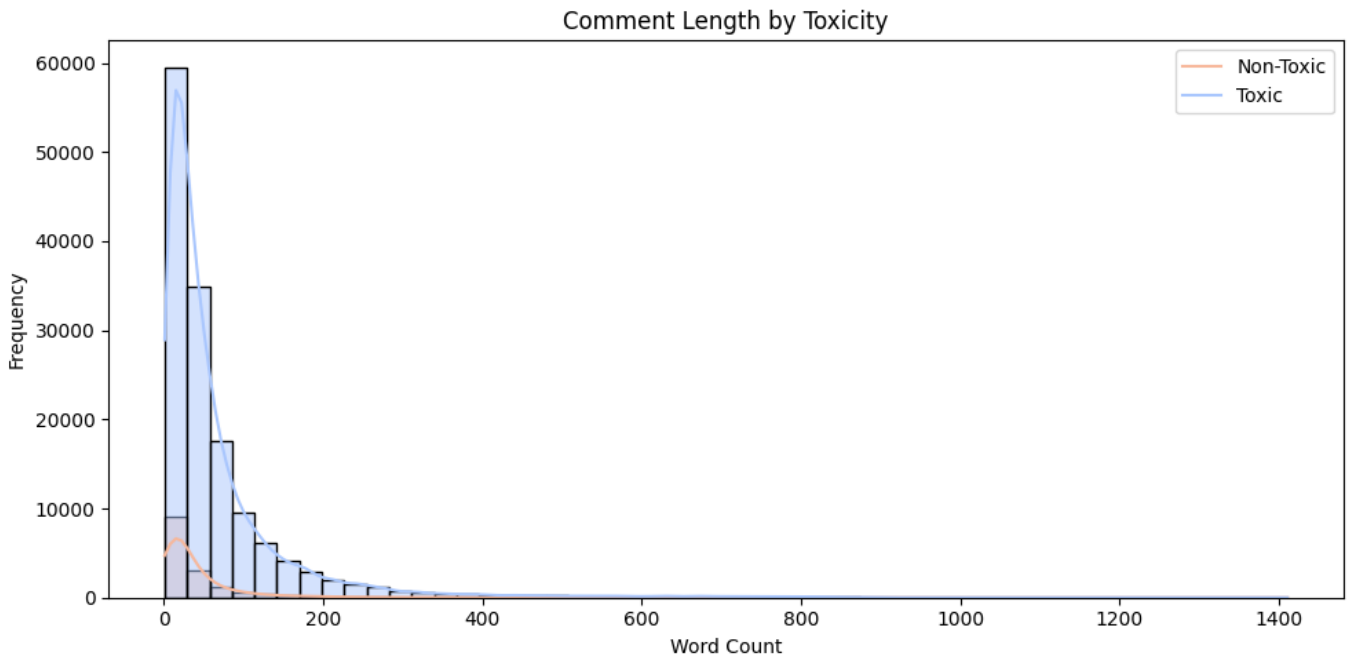
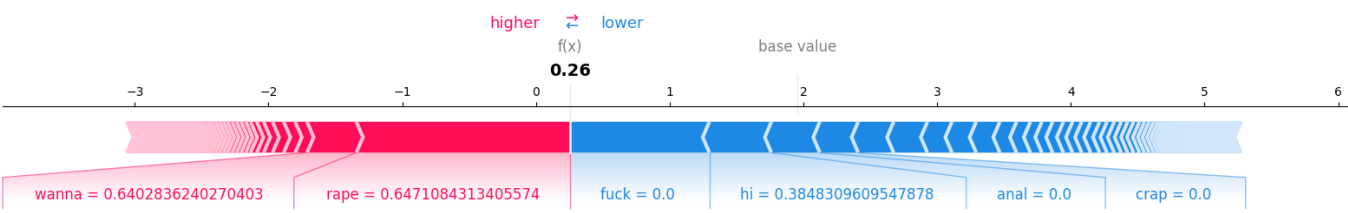


Prompt 5:

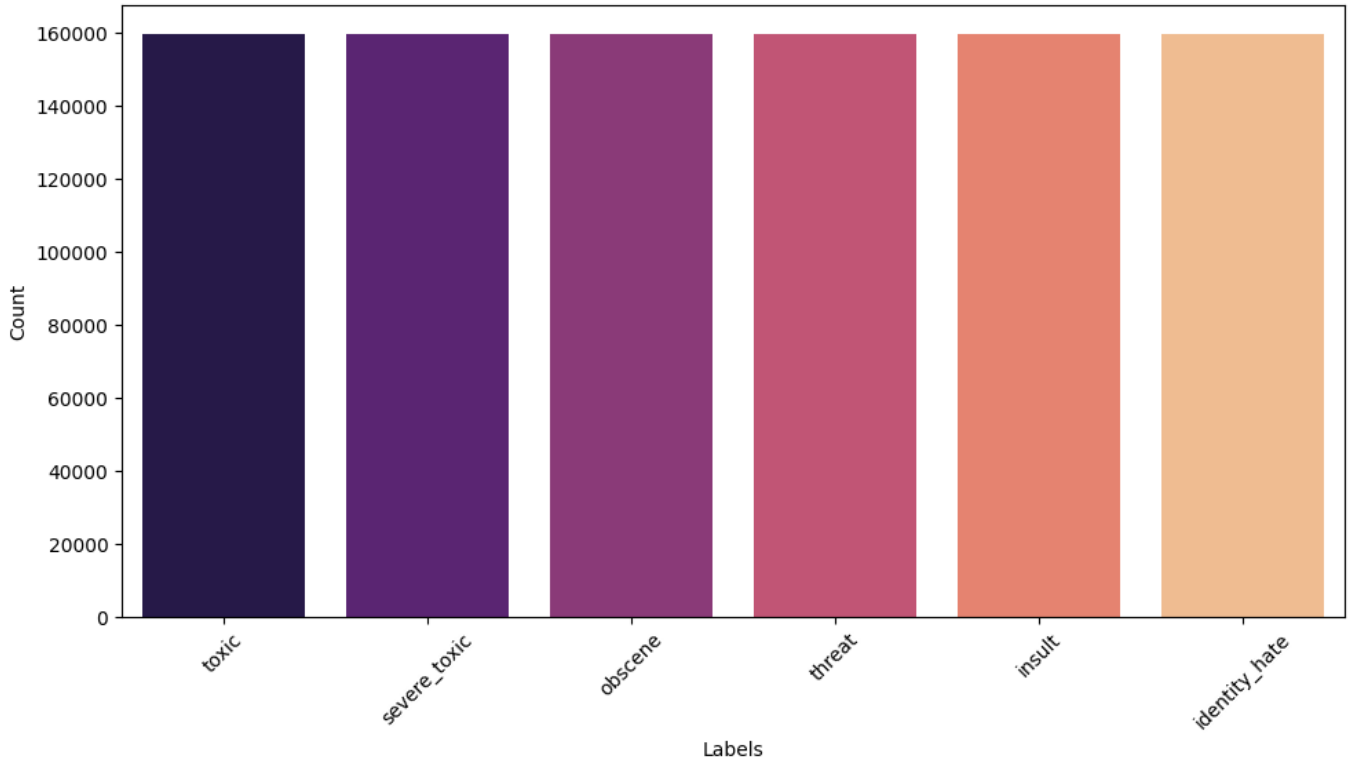
You filthy scumbag!



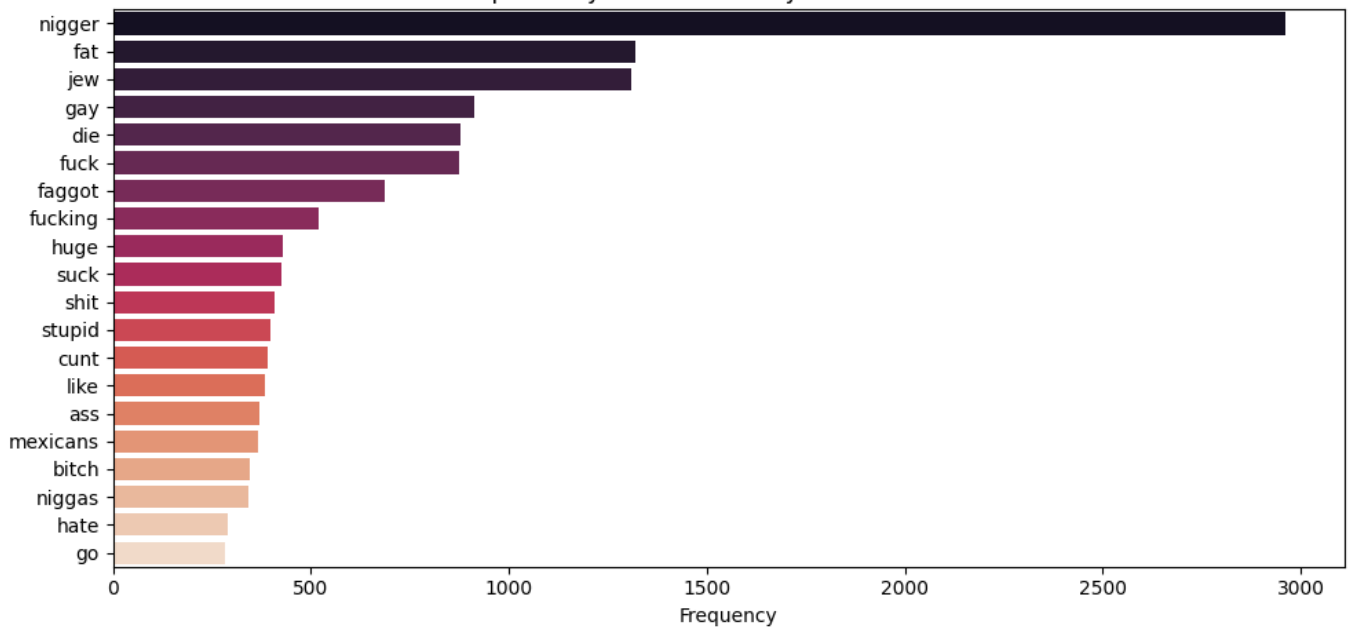
Exploratory Visualizations

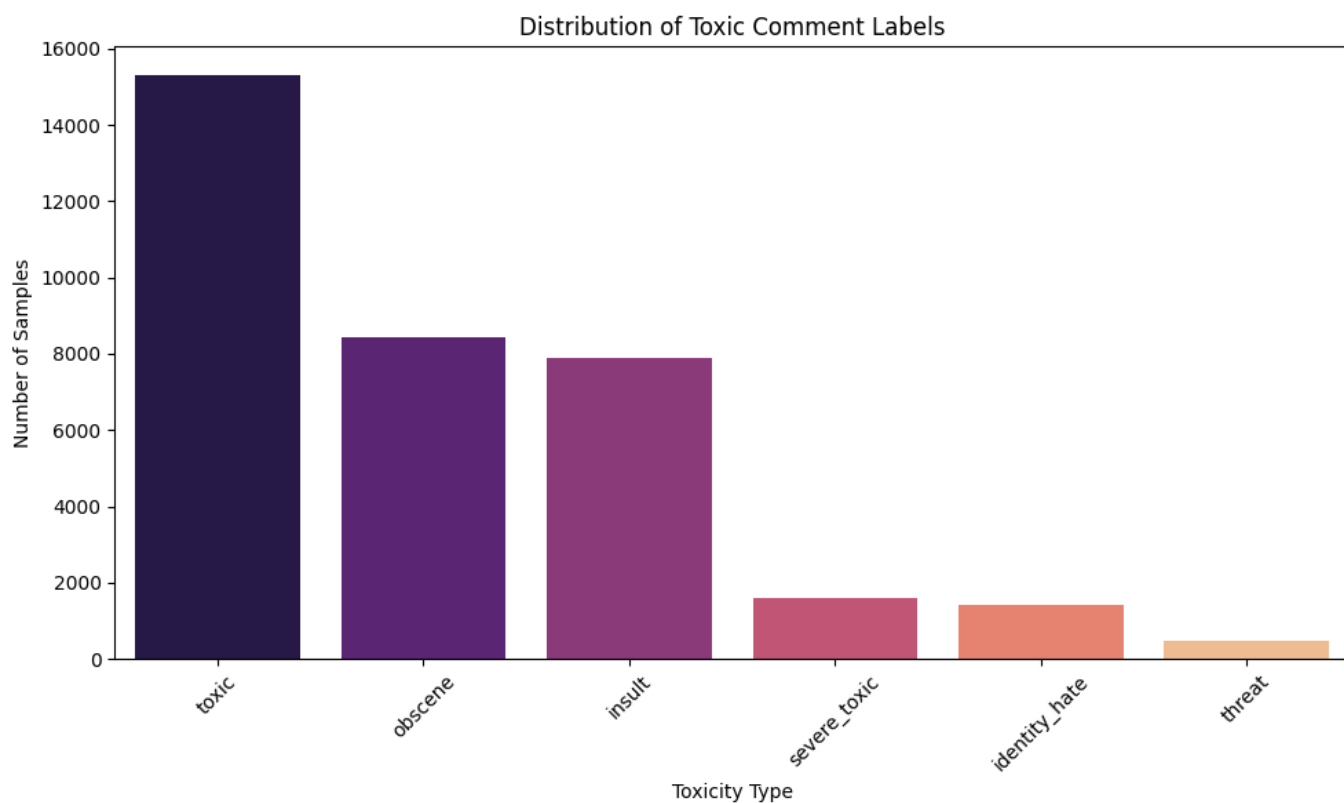
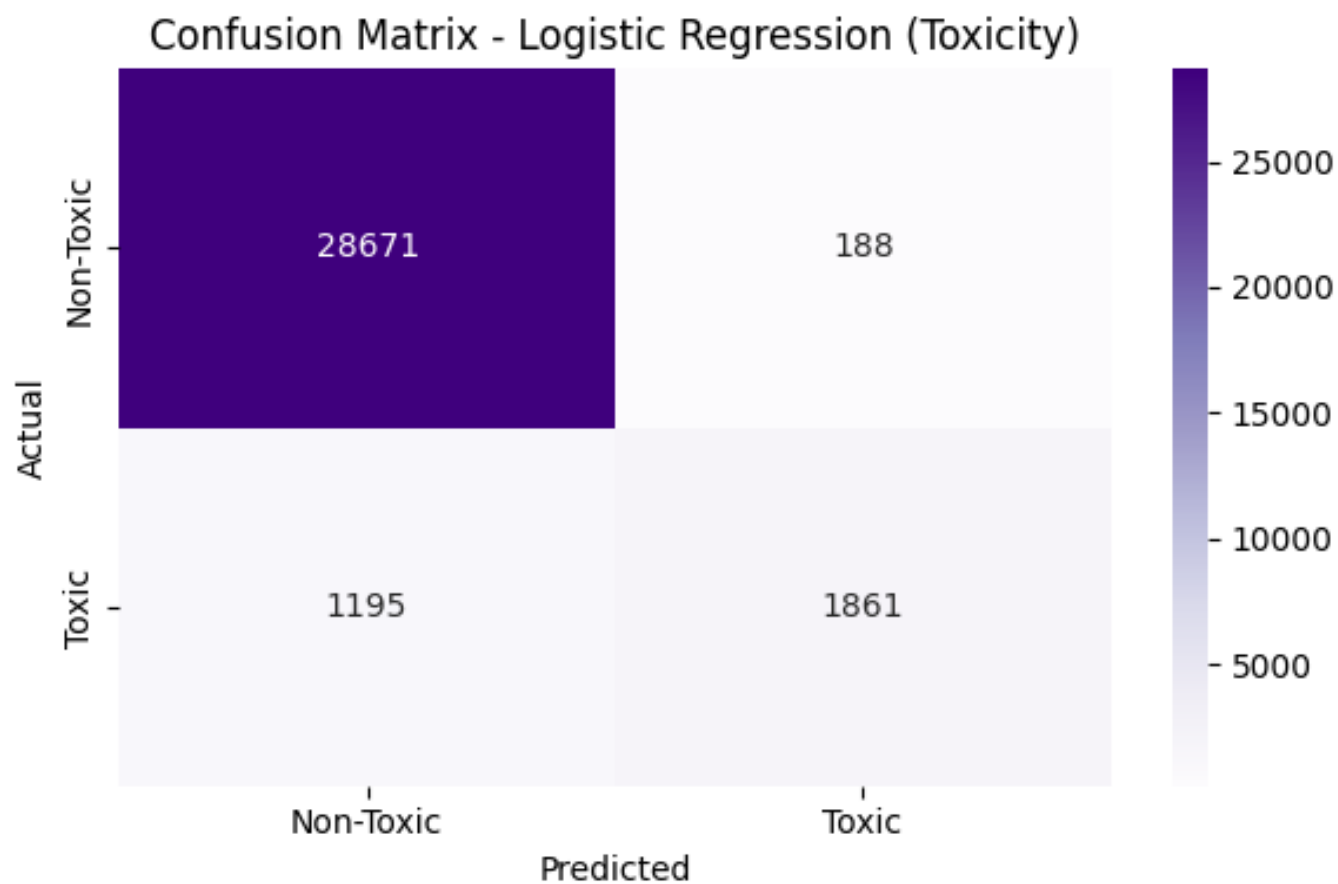


Distribution of Toxicity Labels



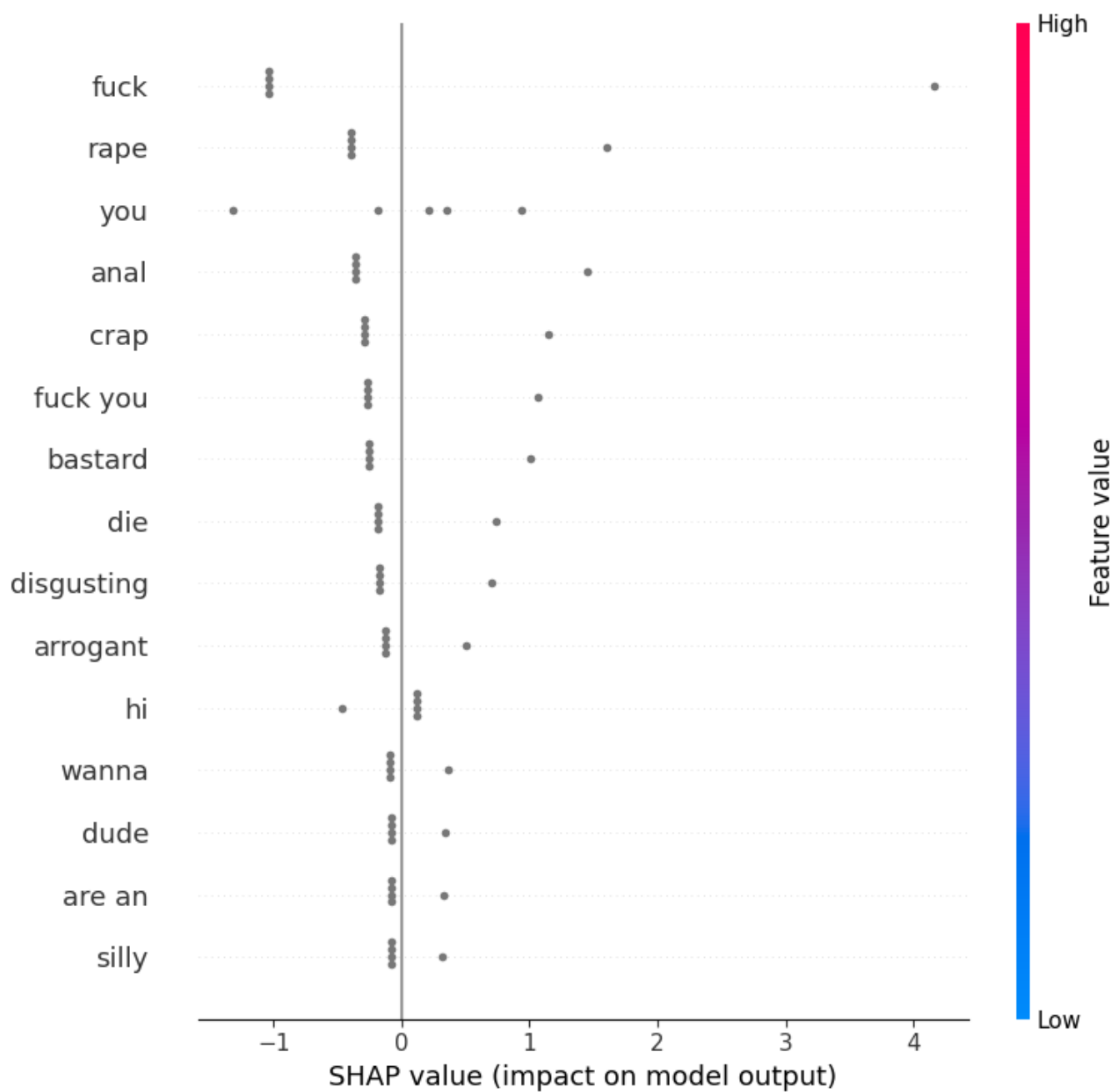
Top Identity Terms in Identity Hate Comments



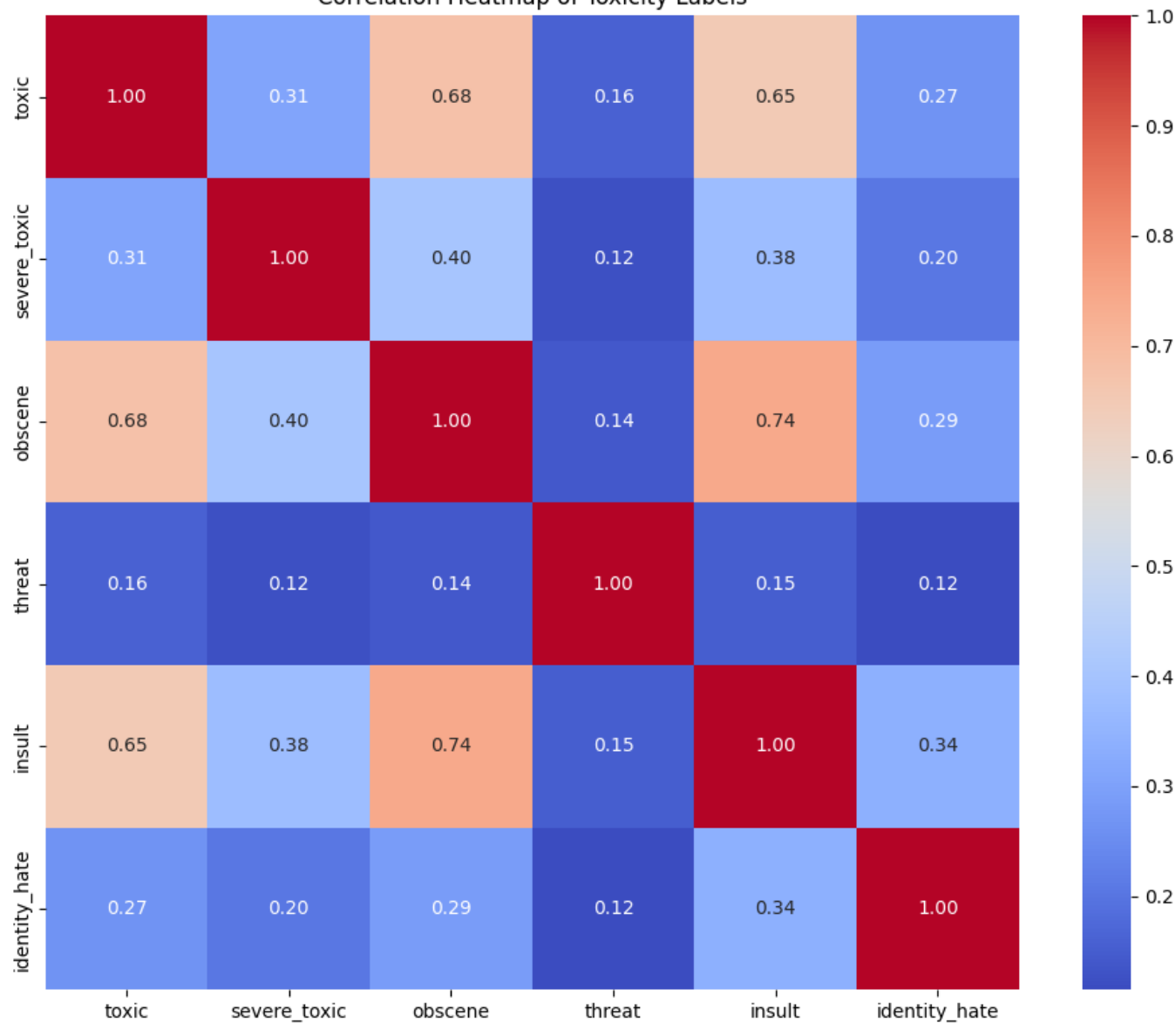


[illegible][illegible]

The figure displays a 7x7 matrix of plots for the toxicity labels: toxic, severe_toxic, obscene, threat, insult, and identity_hate. The diagonal elements are kernel density estimates (KDEs) for each label, showing distributions concentrated at 0.0 and 1.0. The off-diagonal elements are scatter plots showing the joint distributions between pairs of labels, with points clustered at the corners (0,0) and (1,1).



Correlation Heatmap of Toxicity Labels



Word Count Distribution of Comments

