

Boxplot of Outlier Scores for Each Party:

This plot shows the spread and variability of outlier scores for each party.

It helps identify any significant differences in the distribution of outlier scores among the parties.

Distribution of Outlier Scores for Each Party:

This plot shows the frequency distribution of outlier scores for each party.

It helps identify any patterns or anomalies in the outlier scores.

The visualizations provide a comprehensive view of the outlier scores for each party across different polling units. The boxplot and histogram help in understanding the distribution and variability of the scores

The top 3 outliers are:

Polling Unit: APEFON AREA, O/S AT APEFON

Party: NNPP

Outlier Score: 25.98

Polling Unit: COMM. PRY. SCH., COMM. PRY. SCH.

Party: LP

Outlier Score: 24.59

Polling Unit: ADE-OLU PRY SCH, SADIBO/FAGBOYEGUN COMPD

Party: NNPP

Outlier Score: 22.79

Conclusion

From the visualizations, we can draw the following key insights:

APC Outlier Scores:

The outlier scores for APC are distributed across various locations, with some areas showing significantly higher scores than others.

LP Outlier Scores:

The LP outlier scores also show a varied distribution, with certain polling units standing out with higher scores.

PDP Outlier Scores:

The PDP outlier scores are more concentrated in specific areas, indicating potential anomalies or significant deviations in those locations.

NNPP Outlier Scores:

The NNPP outlier scores highlight a few key areas with high scores, suggesting notable deviations in those polling units.

These visualizations help in identifying specific polling units that may require further investigation due to their high outlier scores. This can be useful for ensuring the integrity and accuracy of the election results.