

DNCP Exploratory Data Analysis on Training Dataset

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Introduction

This is an automated exploratory data analysis of the variables in the training set (both targets and predictors). Summary statistics and distribution plots are offered for the numerical variables, while for categorical variables some bar plots are produced.

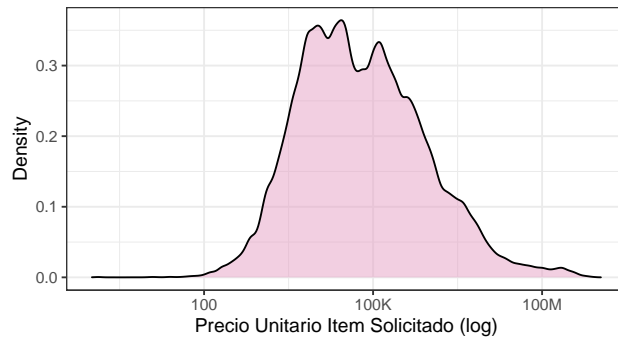
Numerical Variables

Summary Statistics

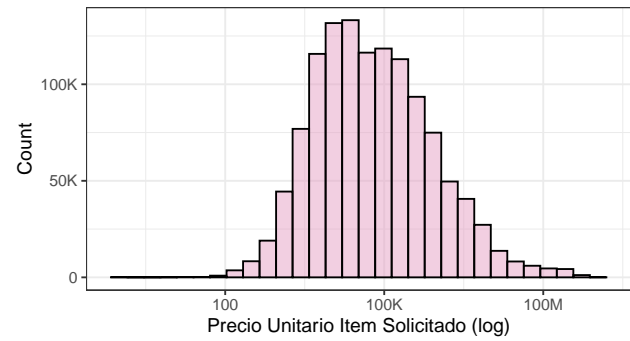
	Min	1st Q	Mean	Median	3rd Q	Max	% Missing Val
Precio Unitario Item Solicitado	1.02	9.32K	3.04M	49.35K	337.39K	1.11B	0%
Cantidad Item Solicitado	0	3	3.76K	15	100	180M	0%

Distribution Plots

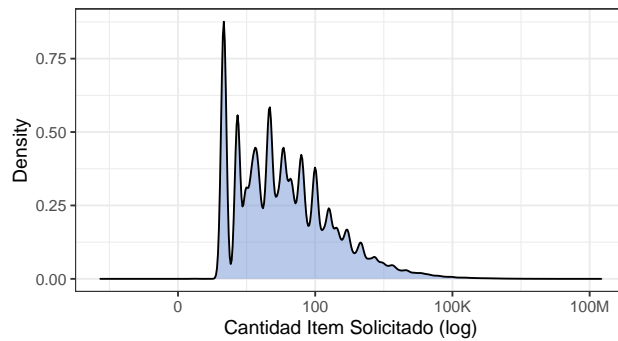
Density Plot of Precio Unitario Item Solicitado



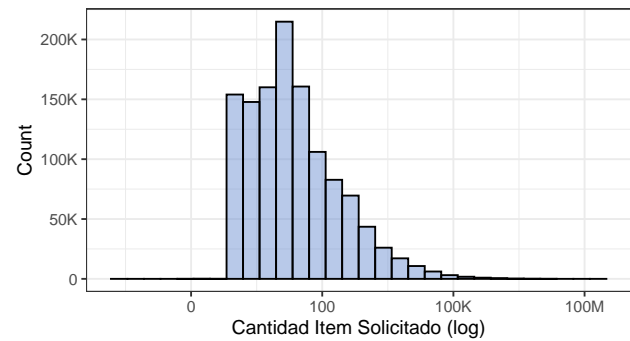
Histogram of Precio Unitario Item Solicitado



Density Plot of Cantidad Item Solicitado

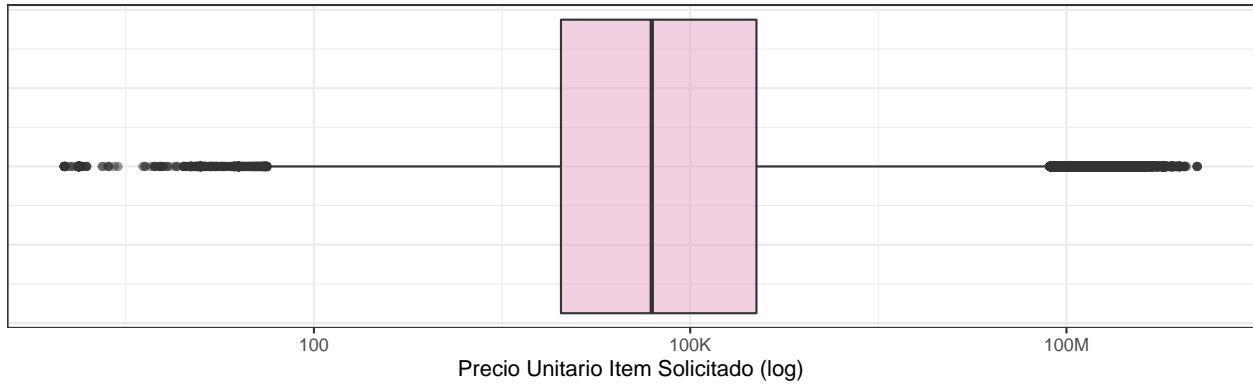


Histogram of Cantidad Item Solicitado

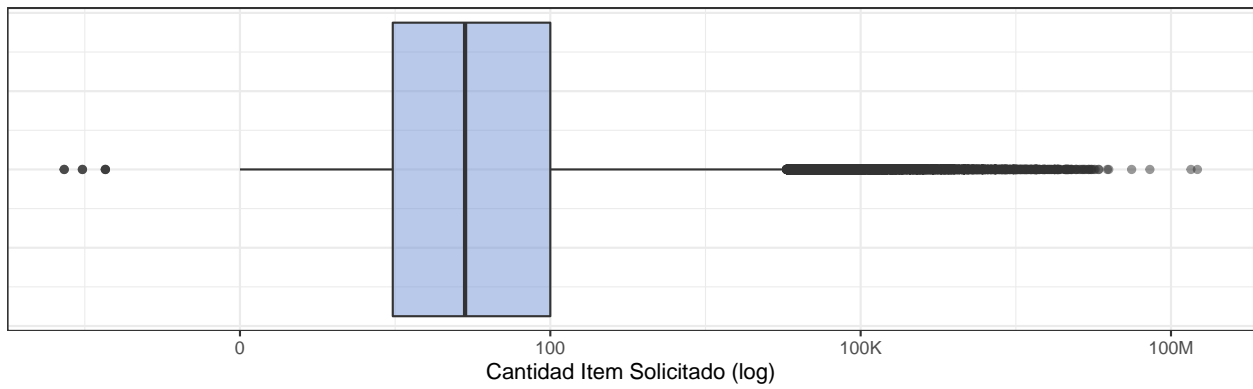


Boxplots

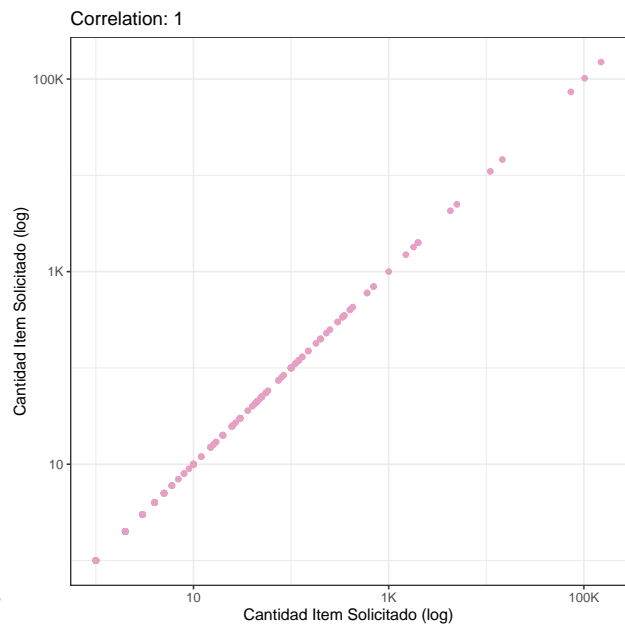
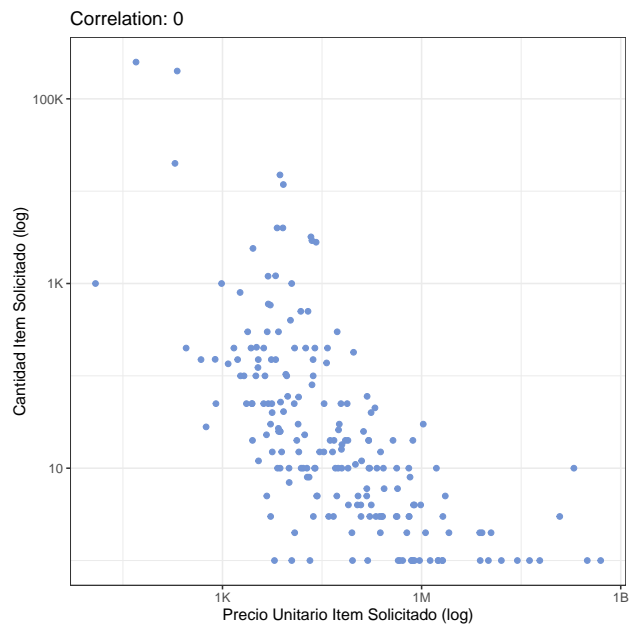
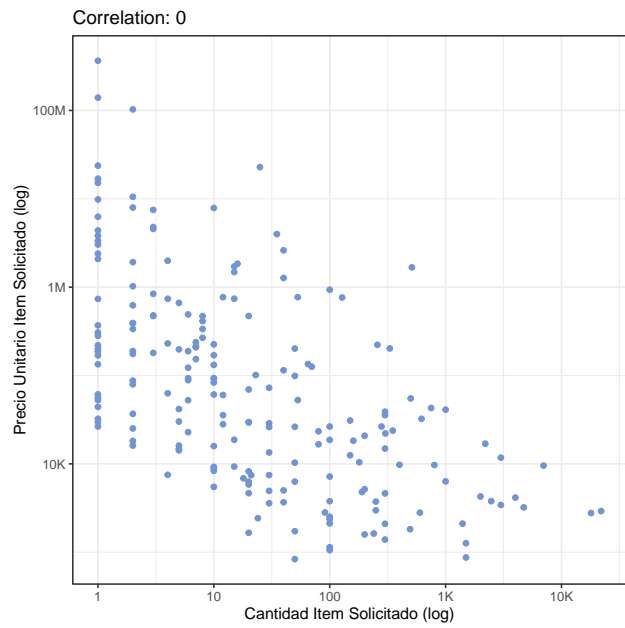
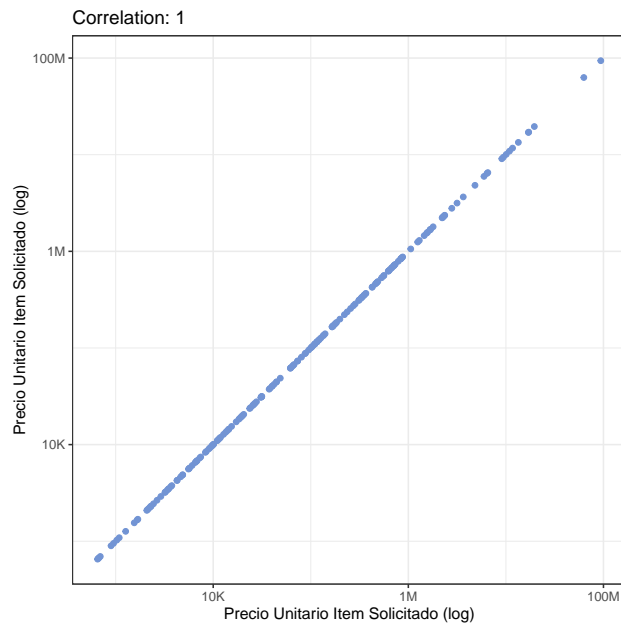
Boxplot of Precio Unitario Item Solicitado



Boxplot of Cantidad Item Solicitado



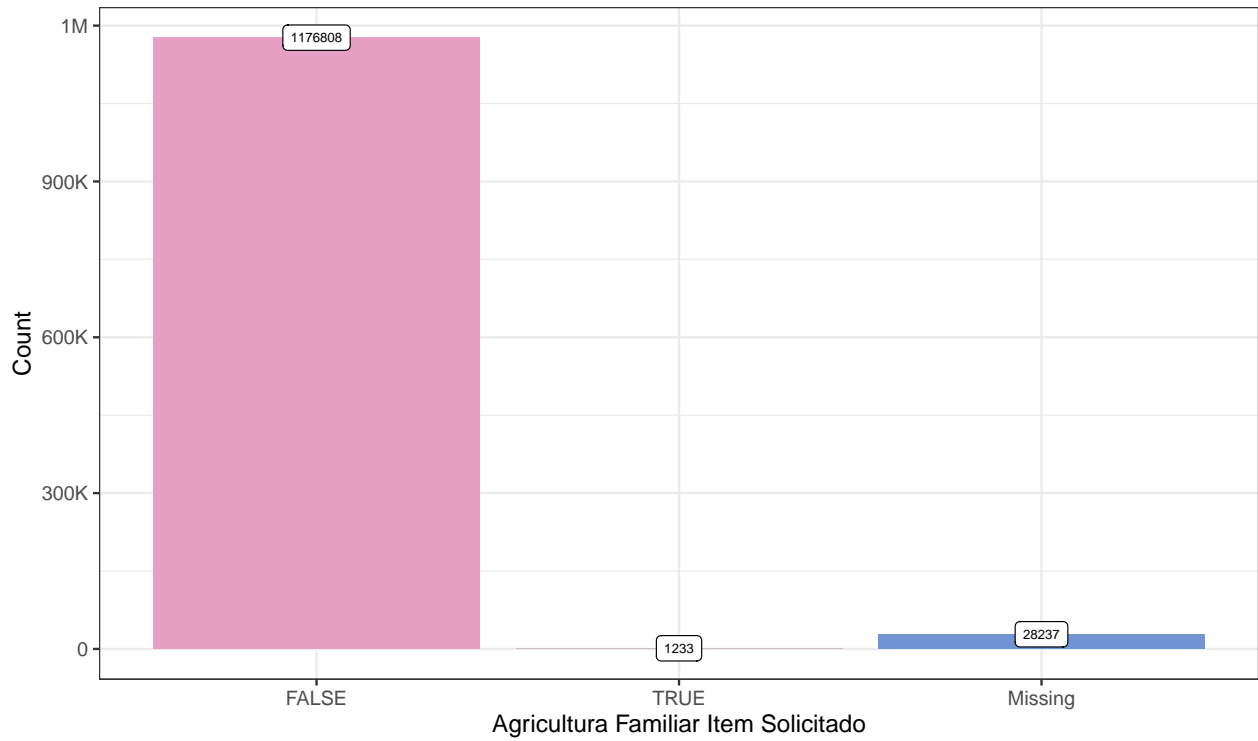
Correlation Plots



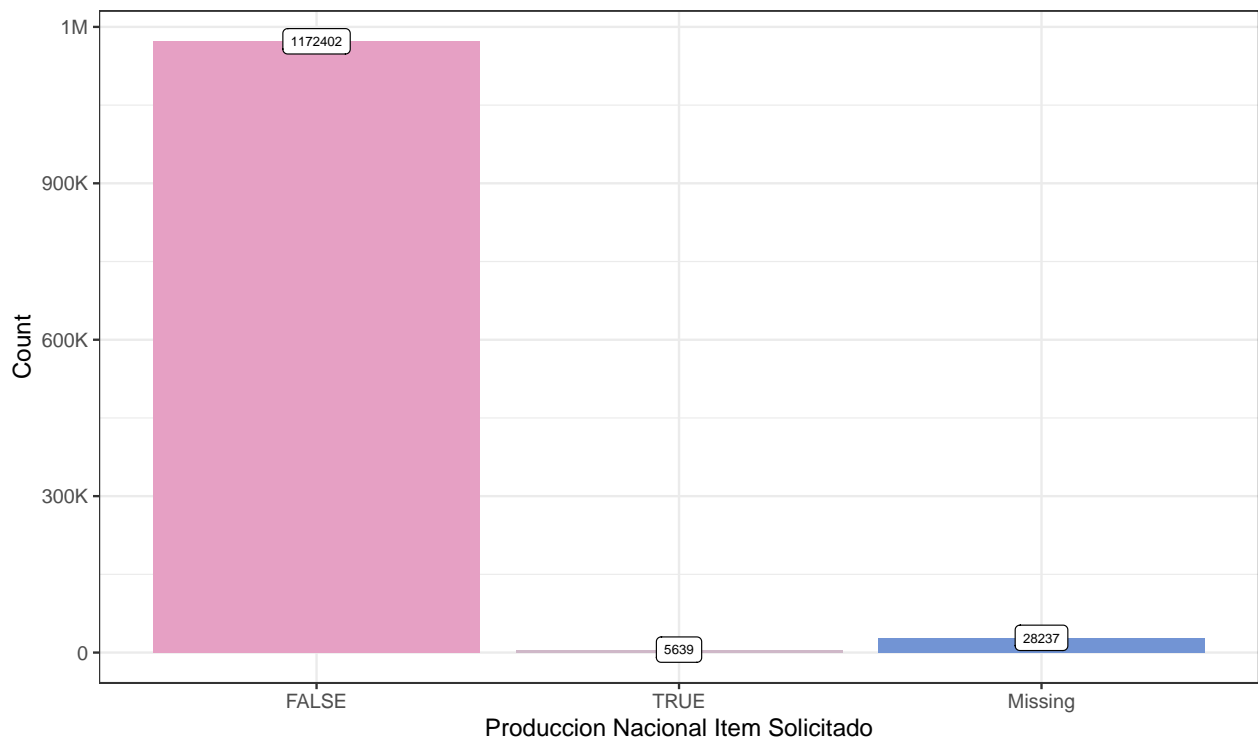
Categorical Variables

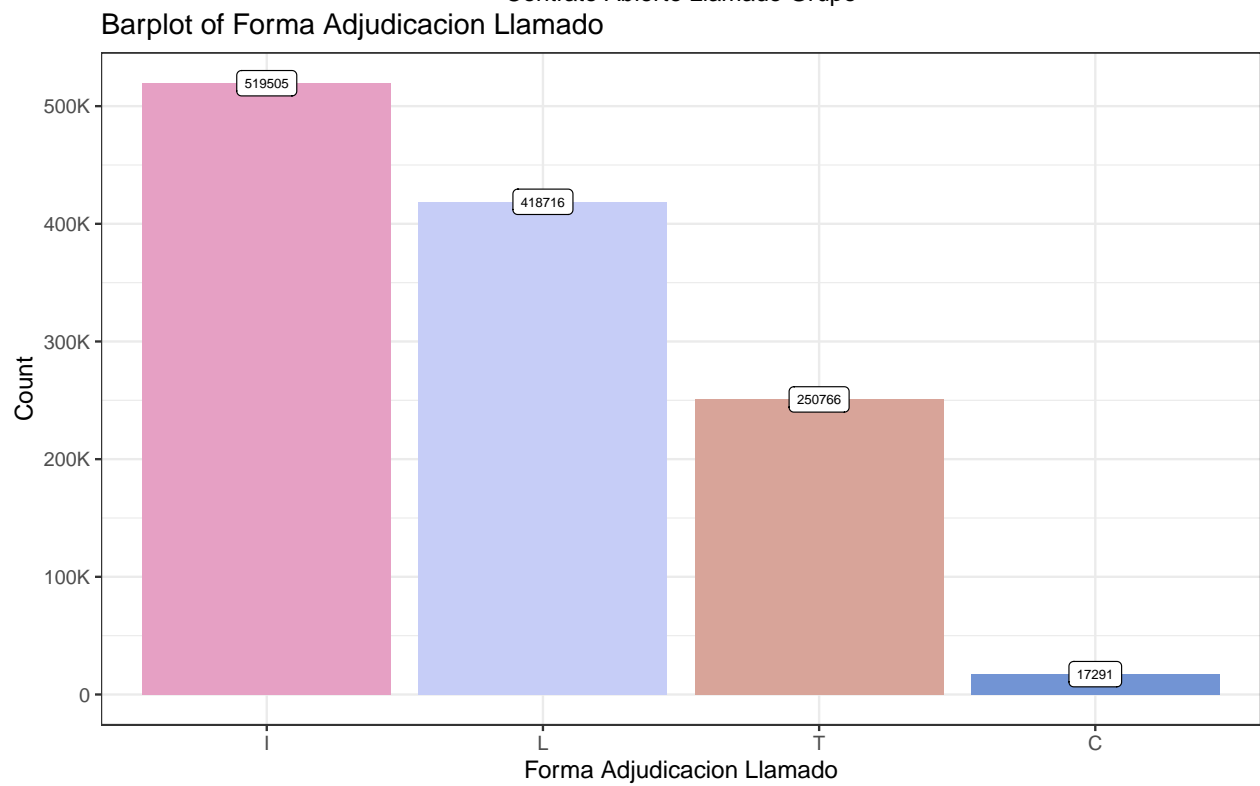
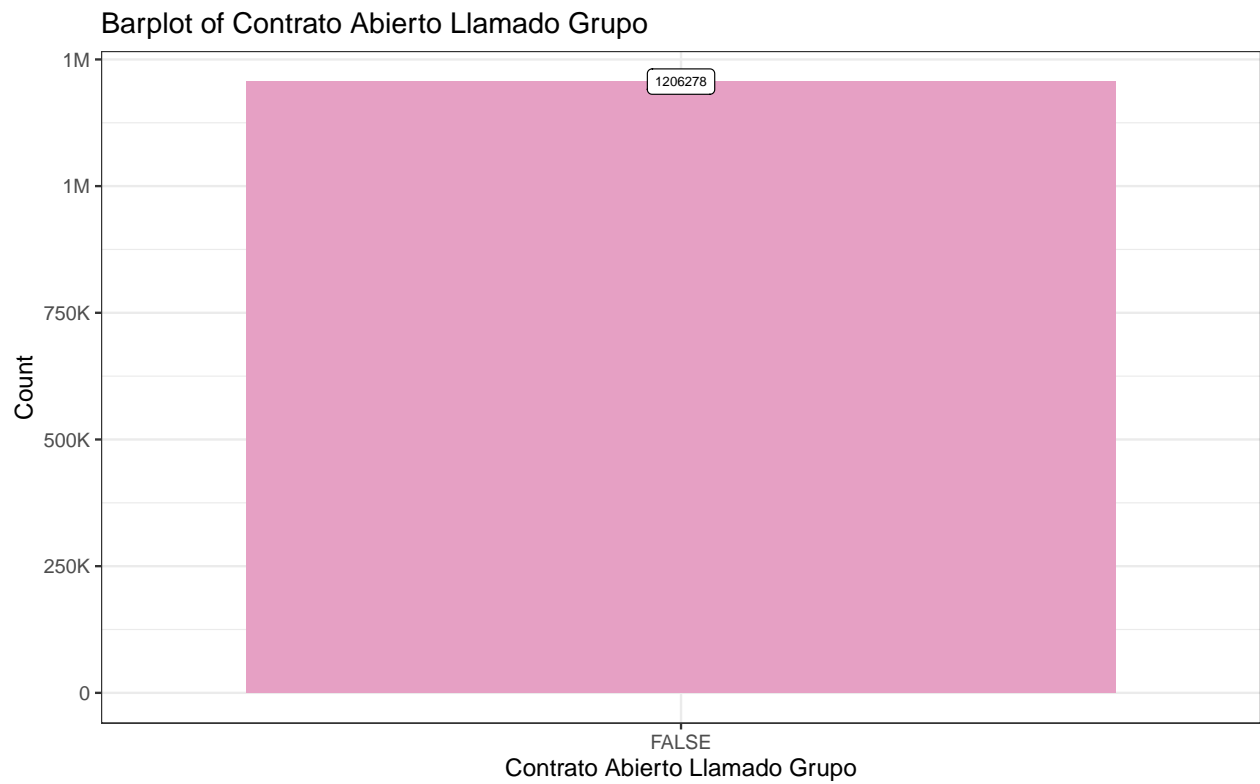
Barplots

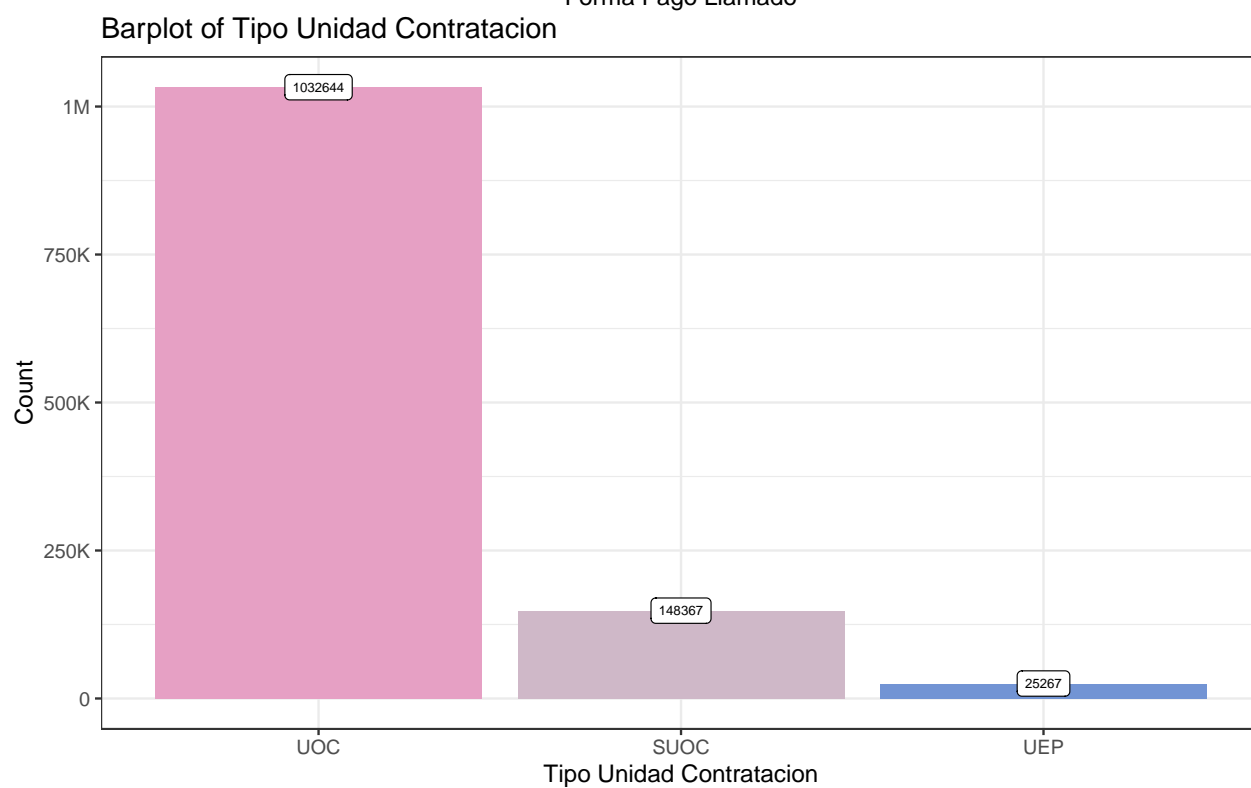
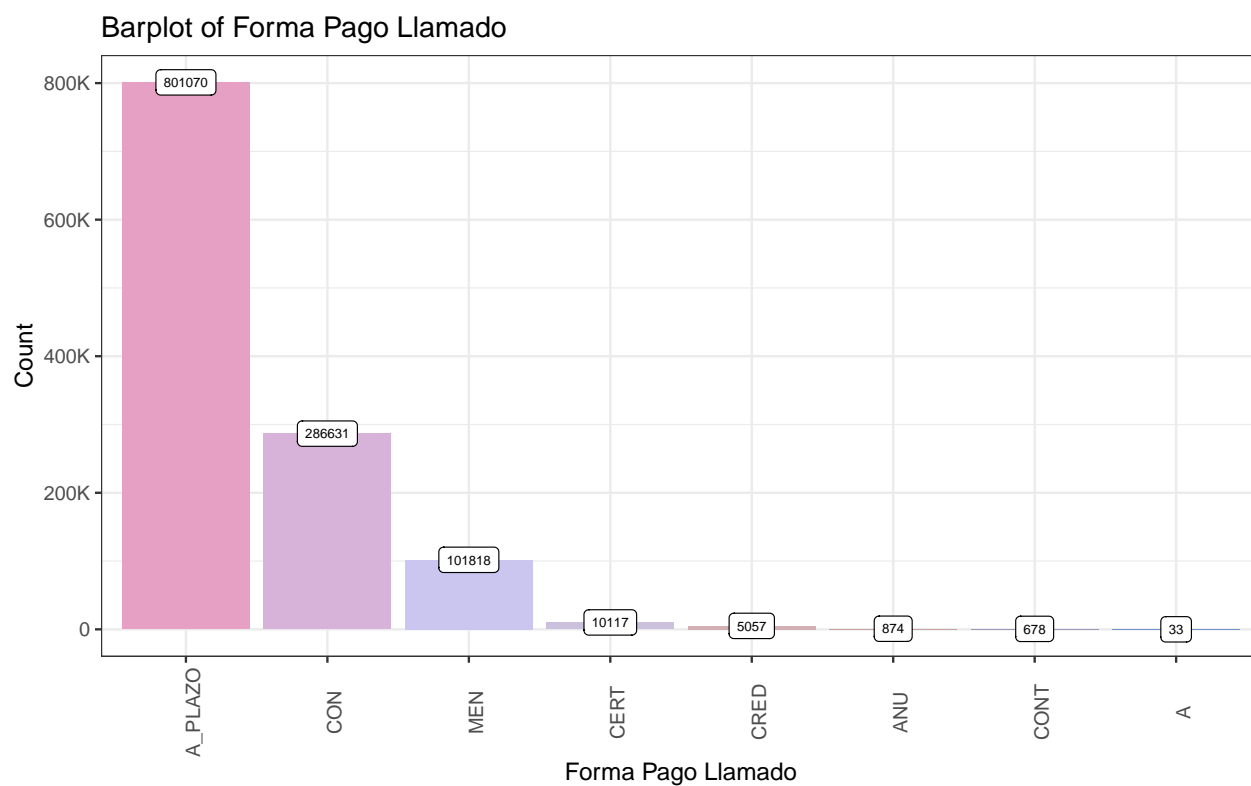
Barplot of Agricultura Familiar Item Solicitado



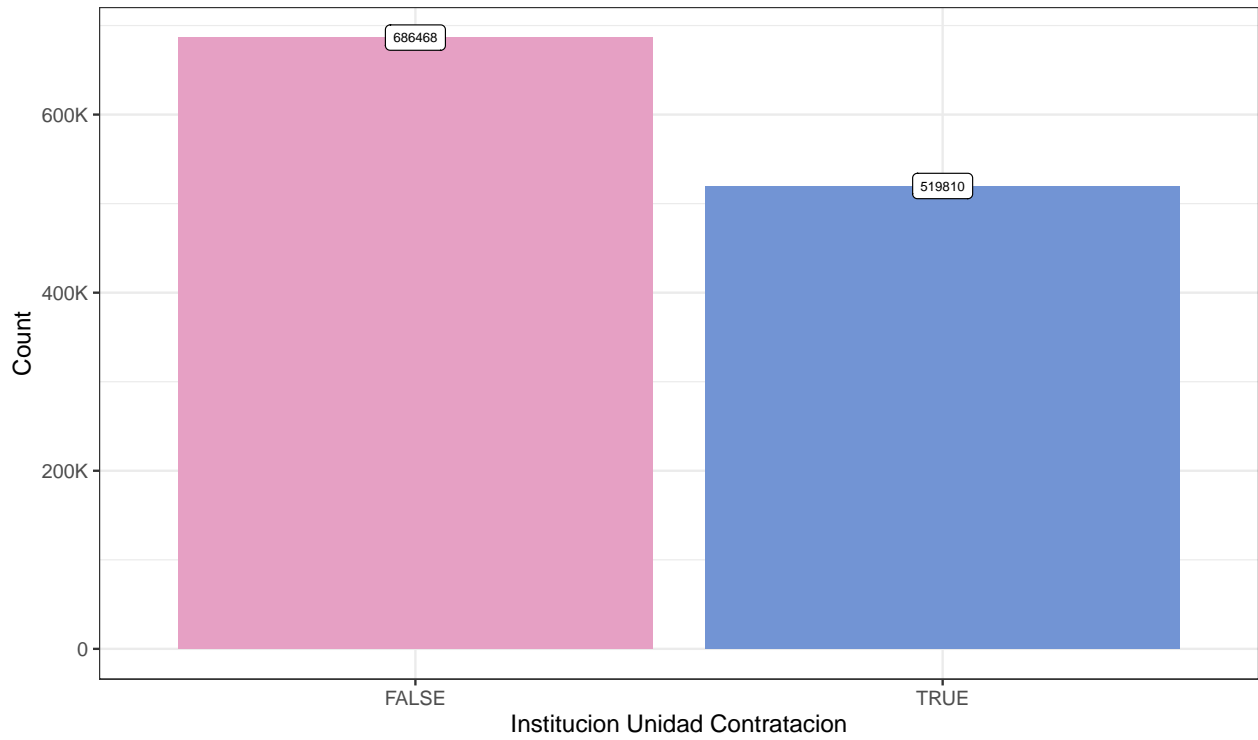
Barplot of Produccion Nacional Item Solicitado



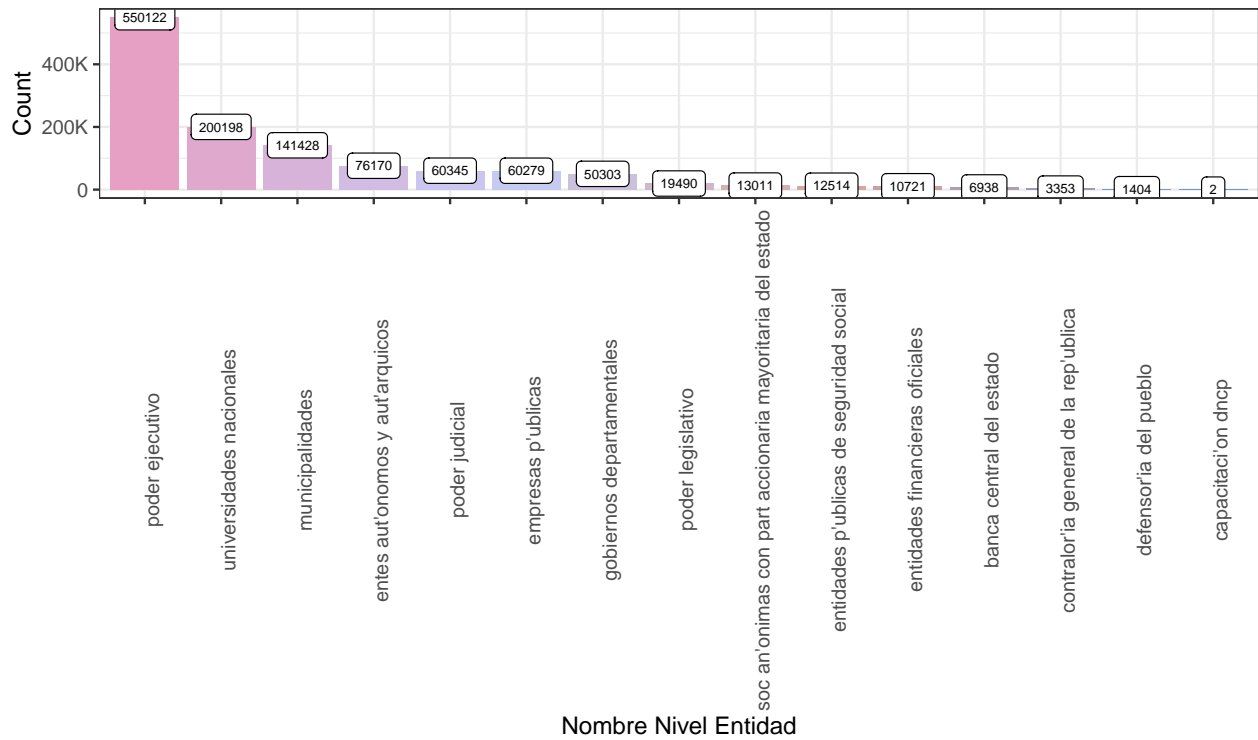


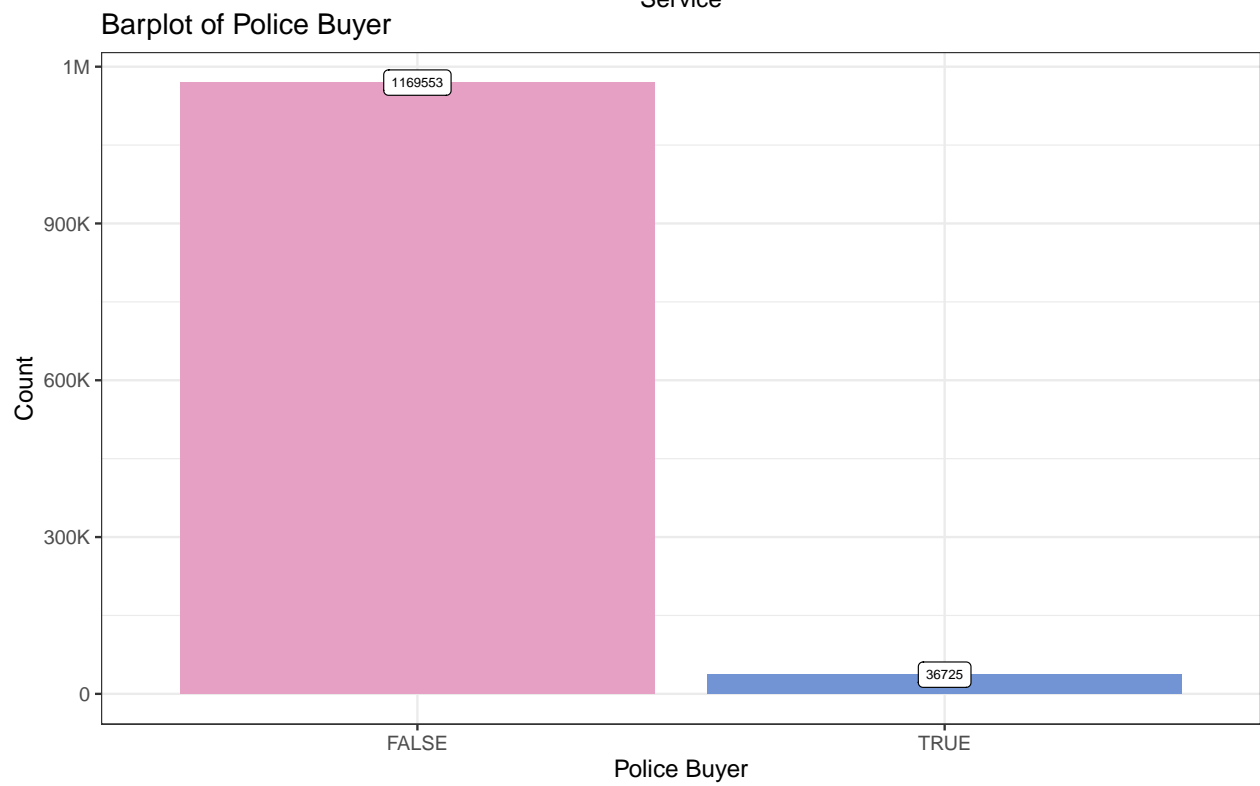
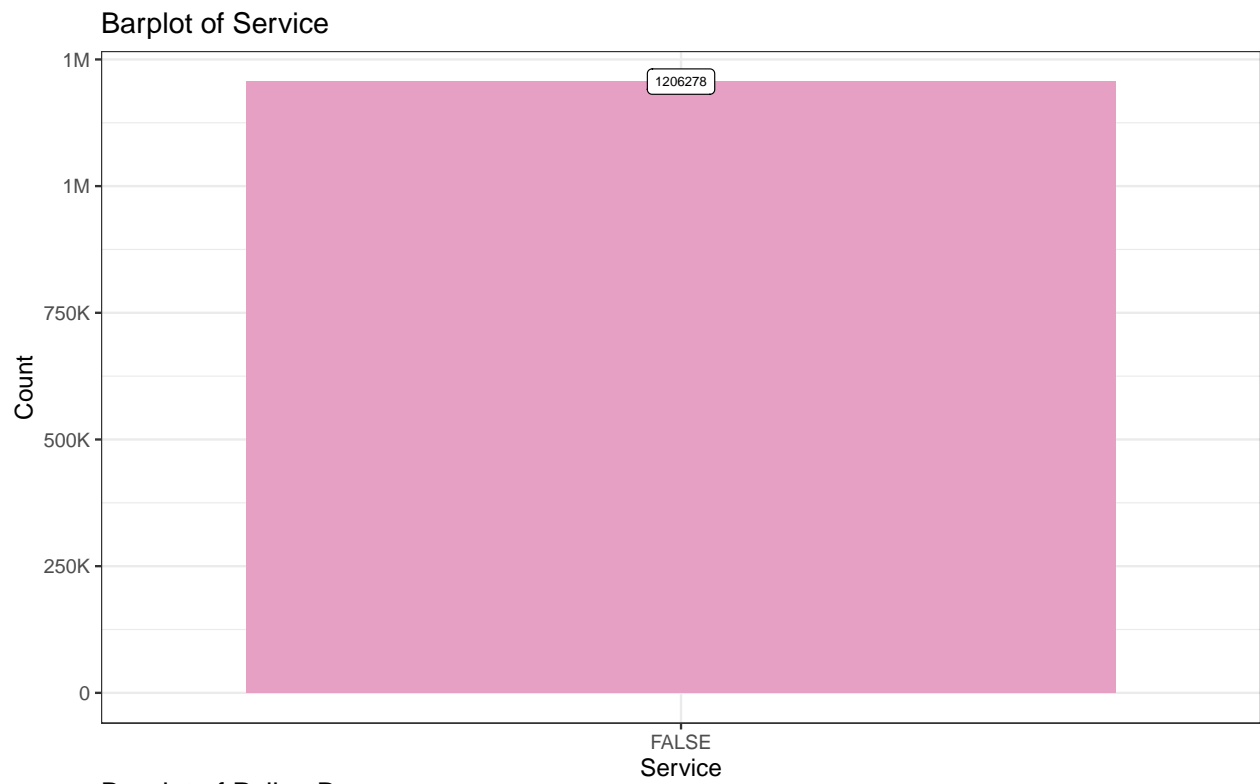


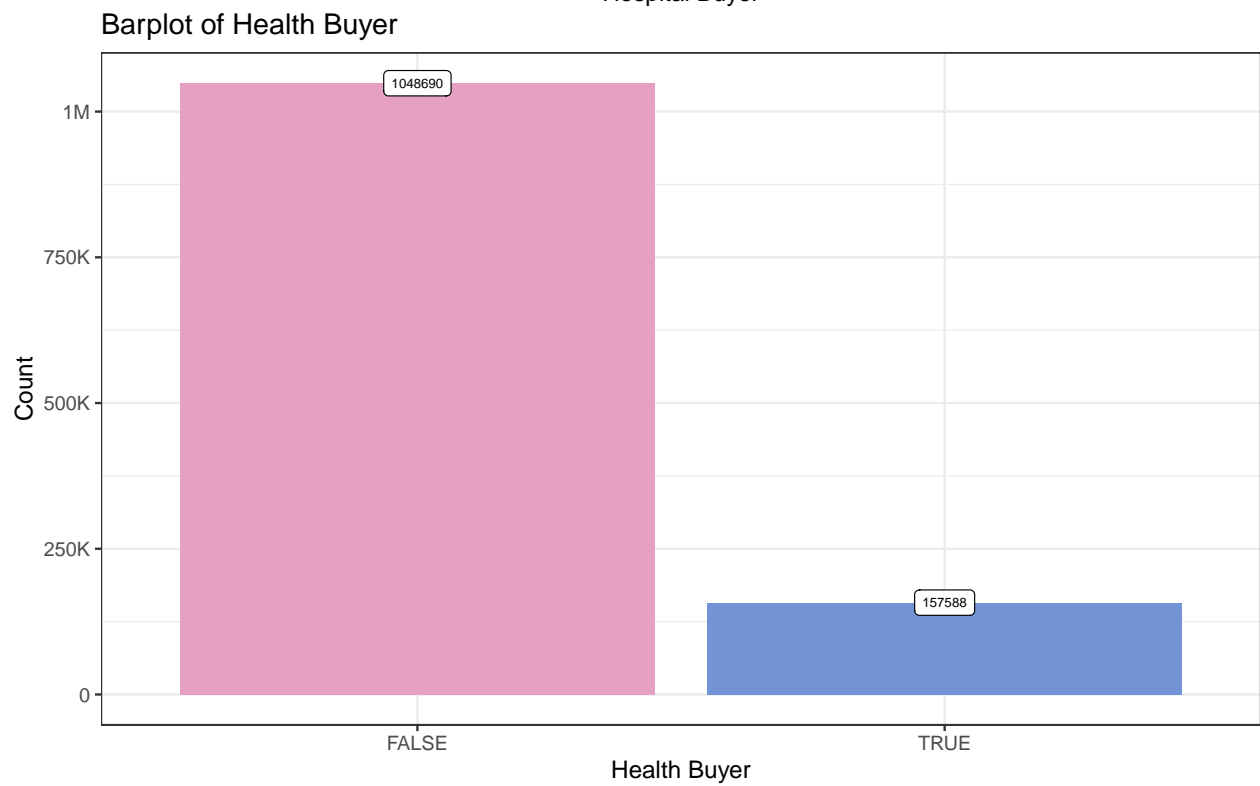
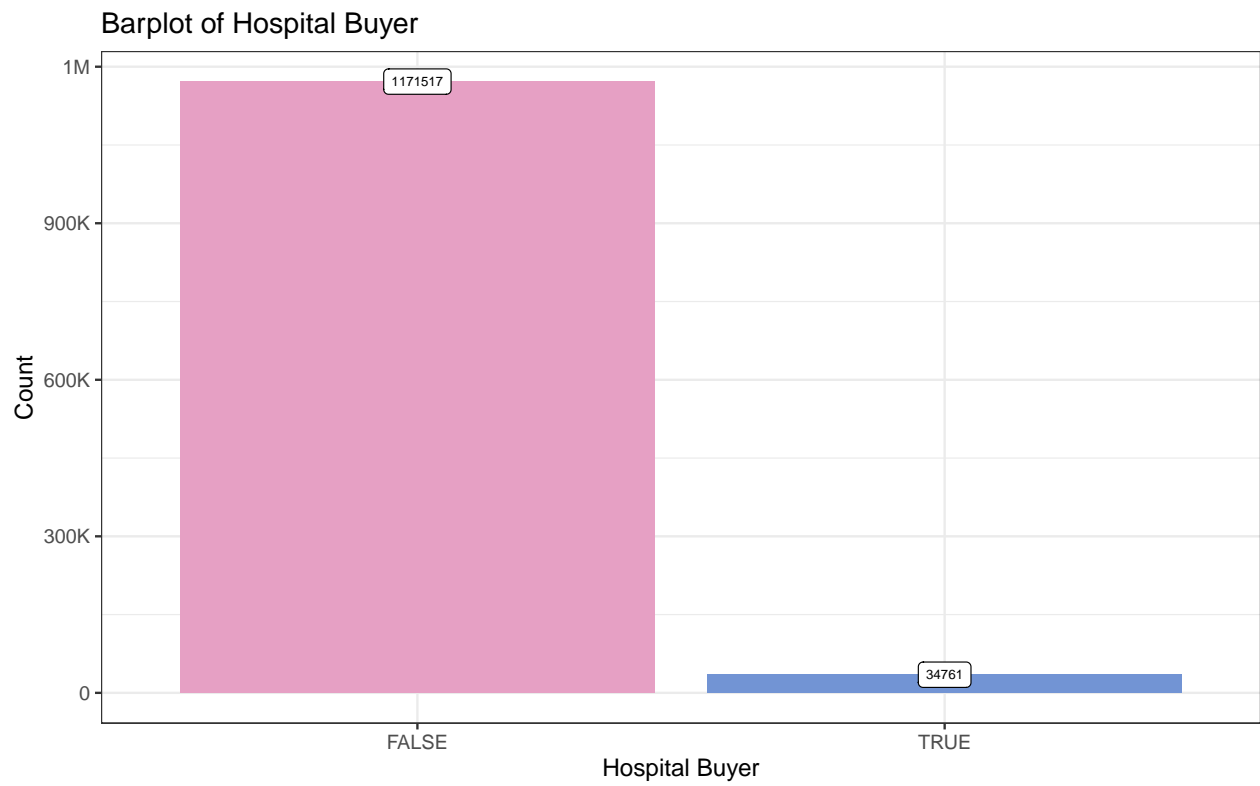
Barplot of Institucion Unidad Contratacion



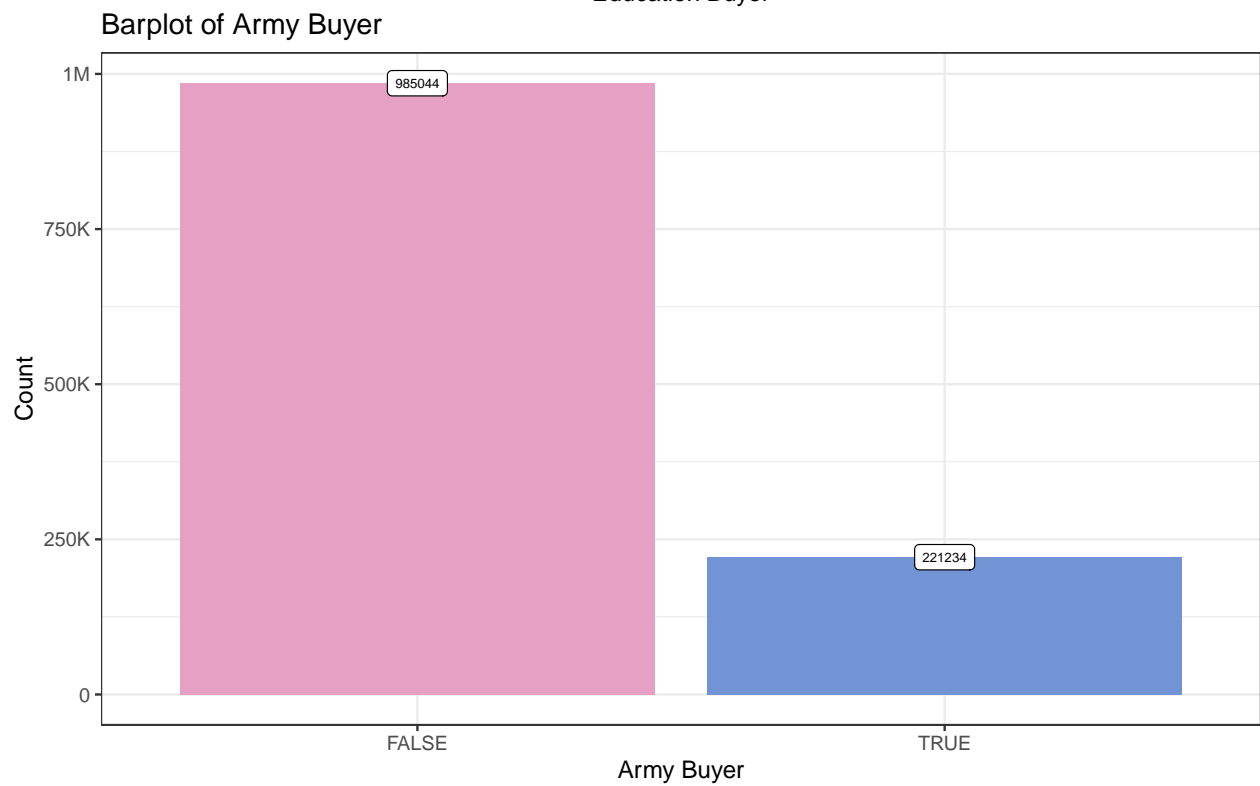
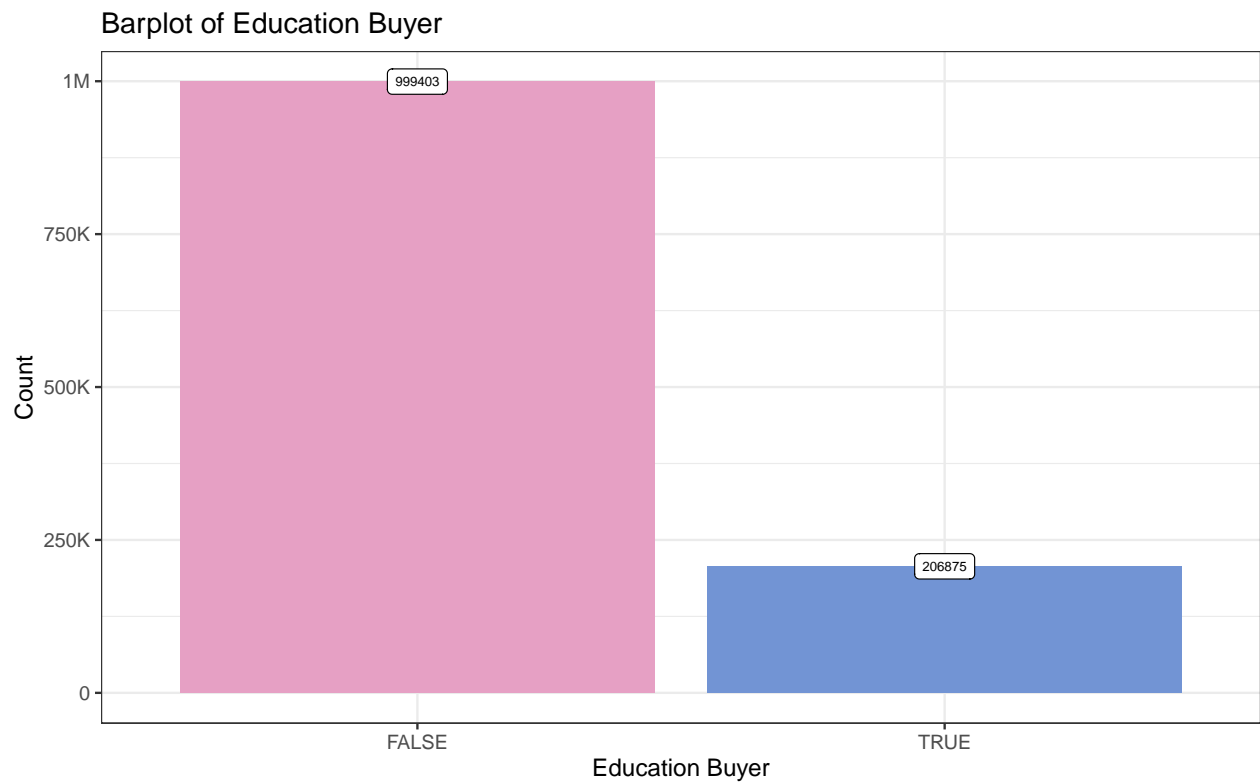
Barplot of Nombre Nivel Entidad

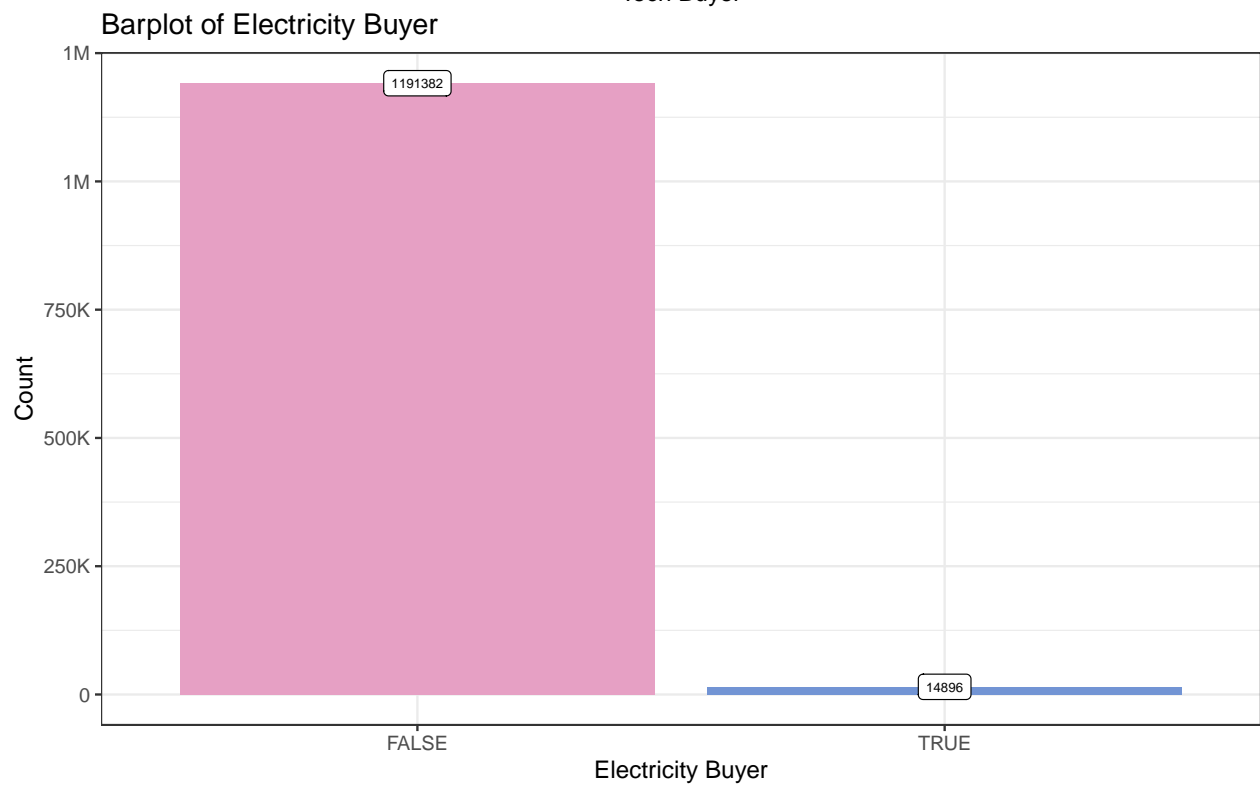


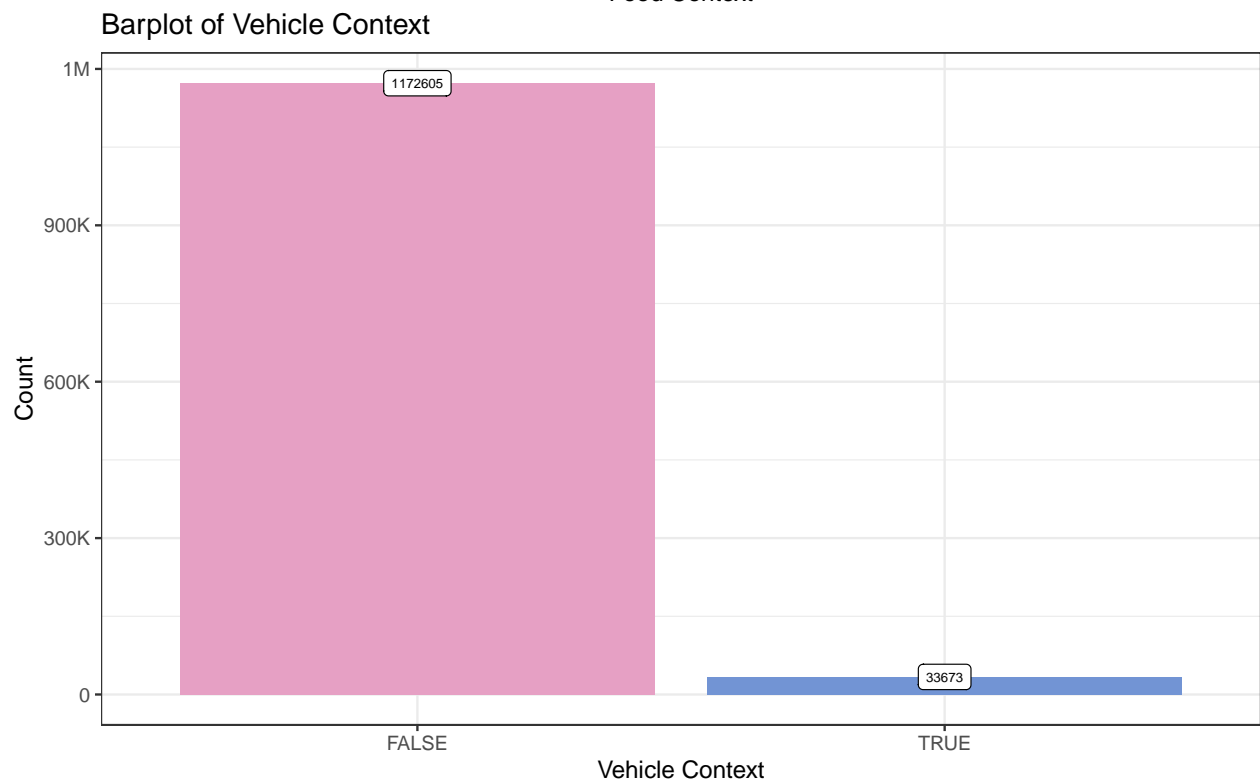
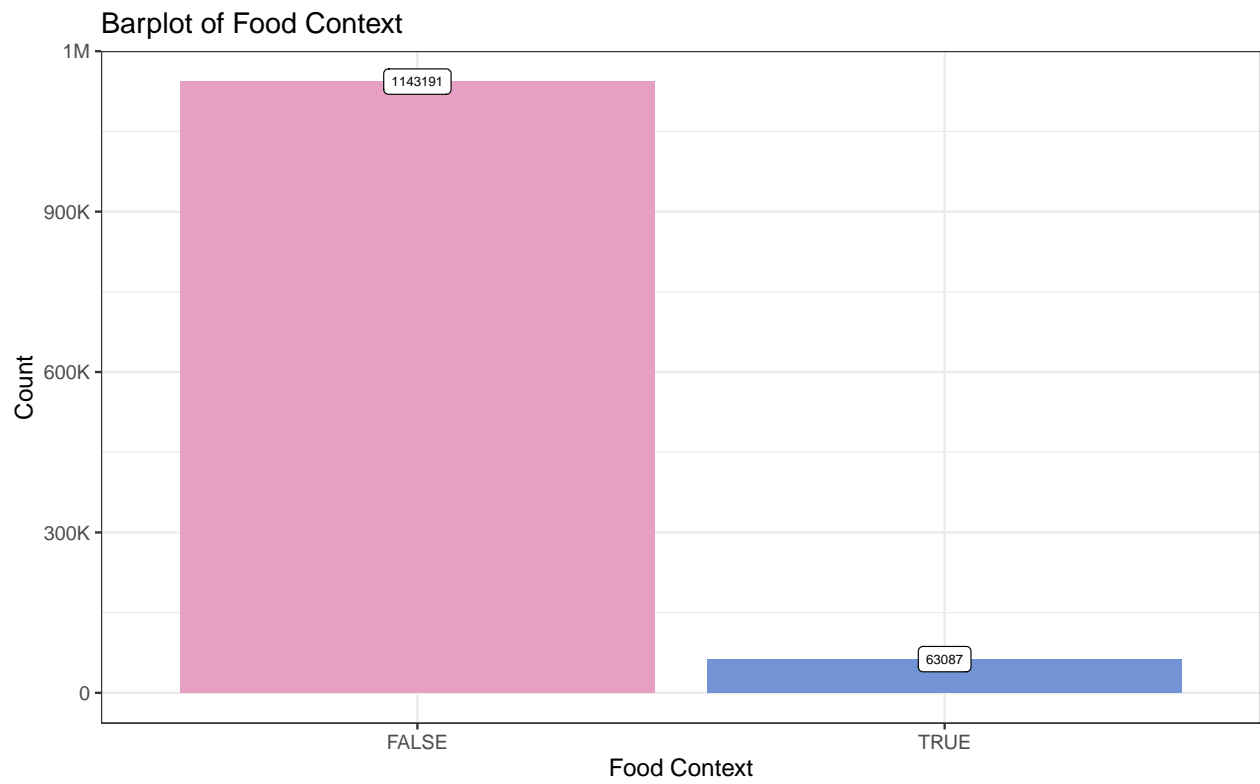


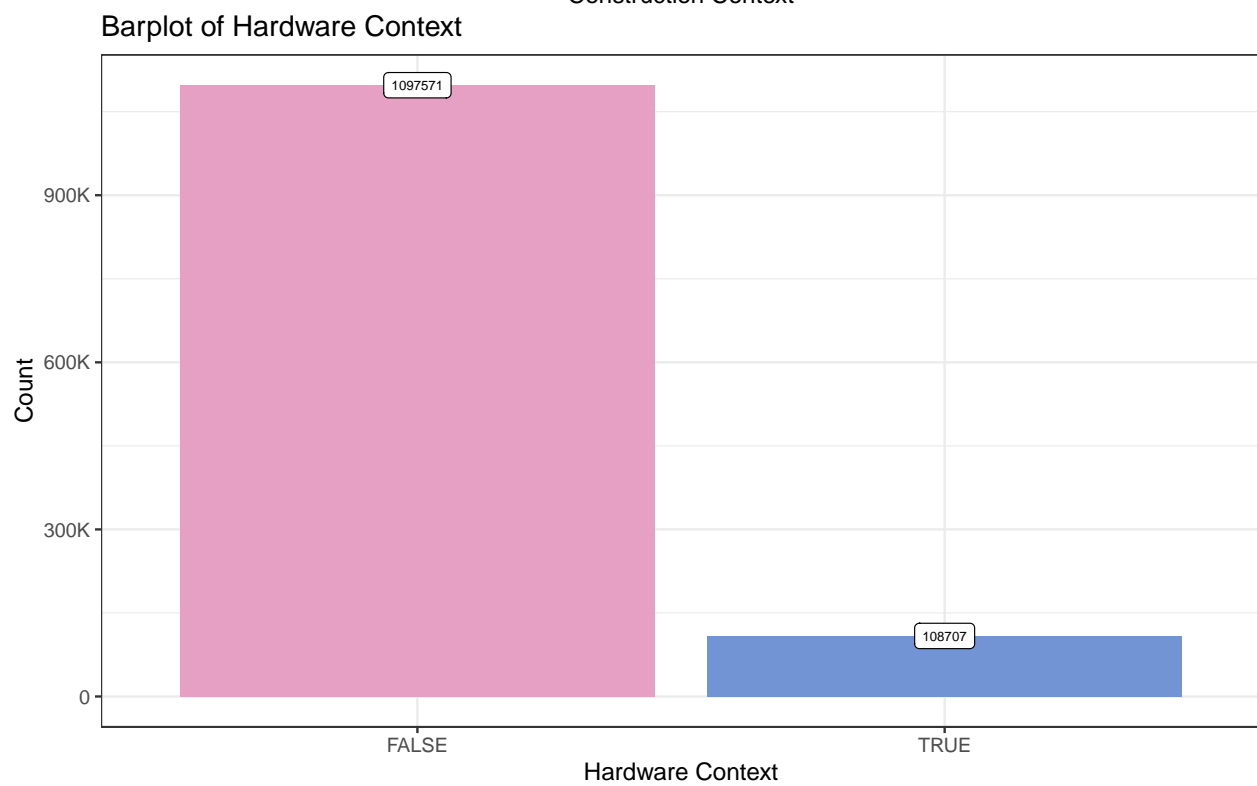
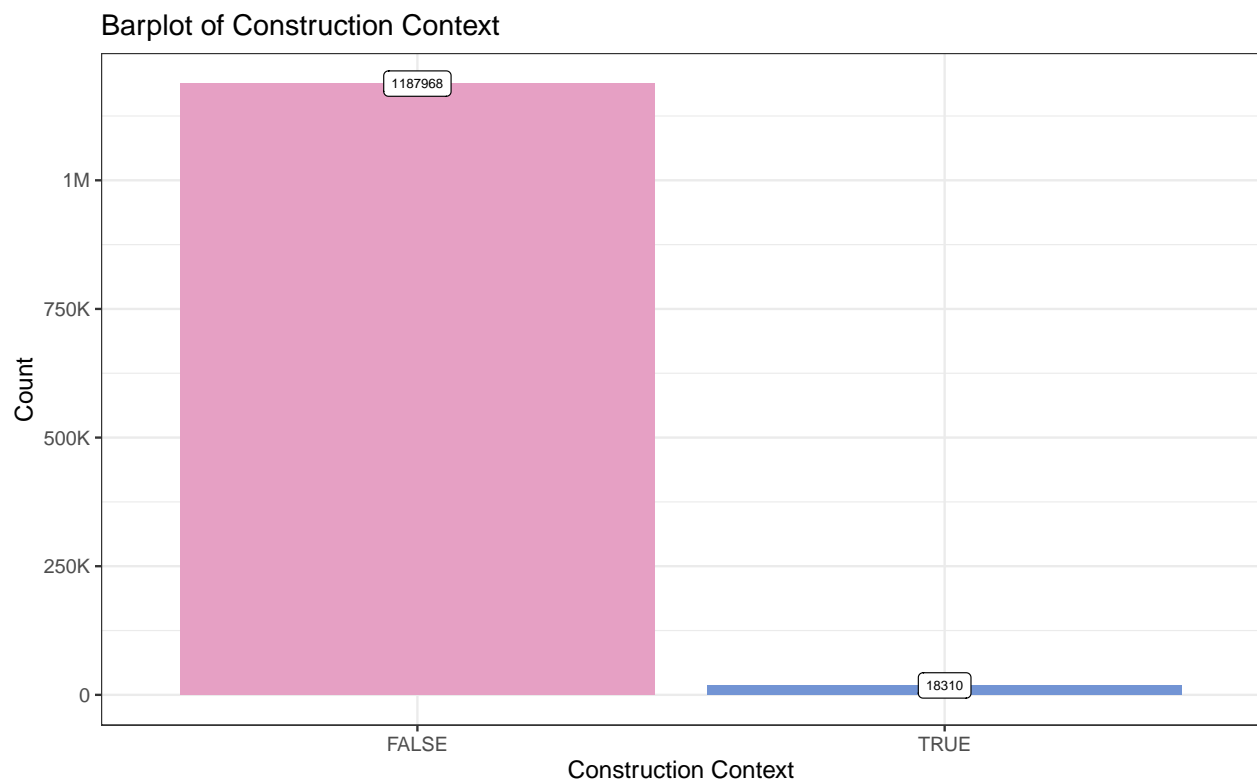


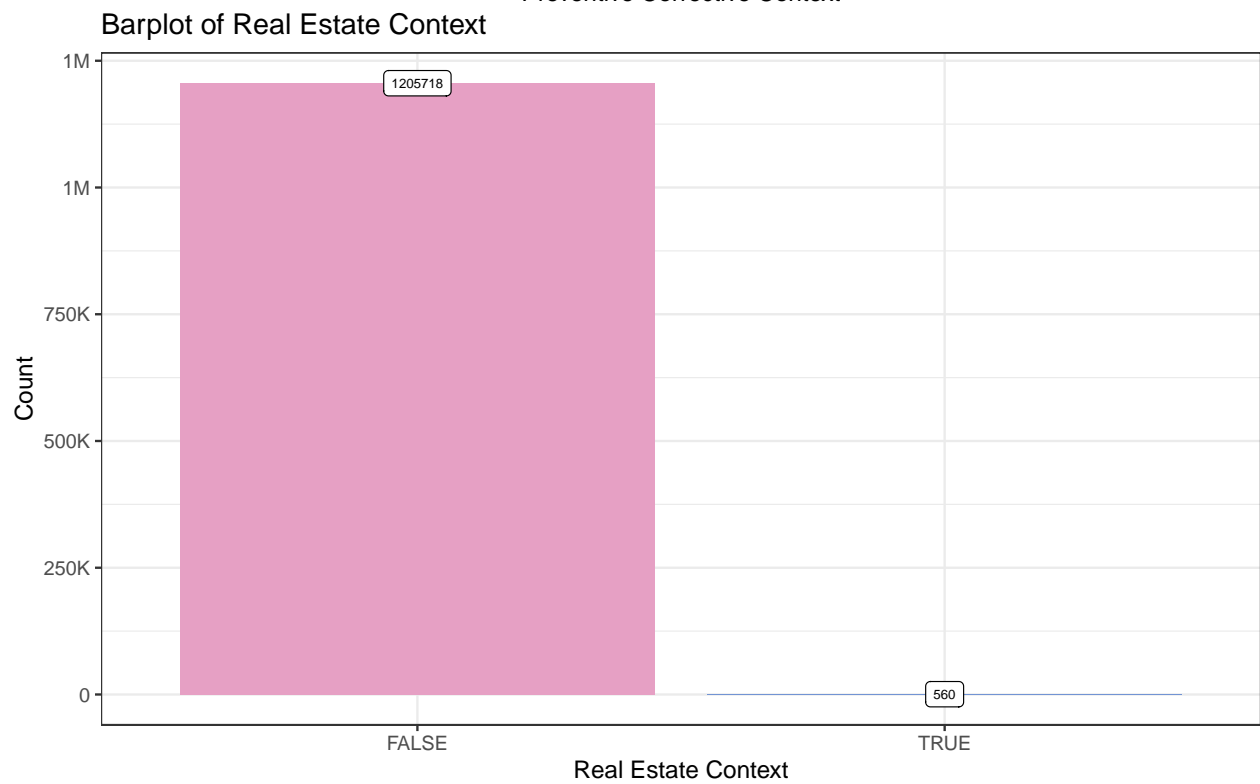
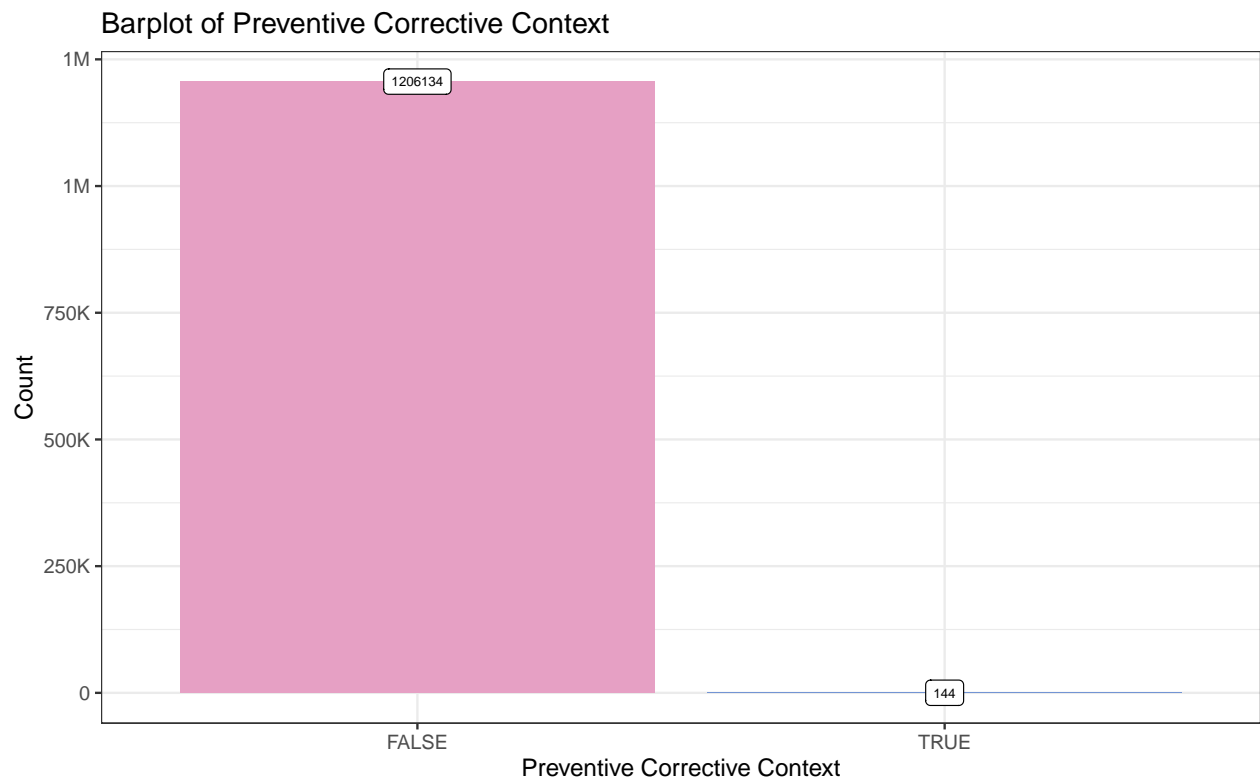


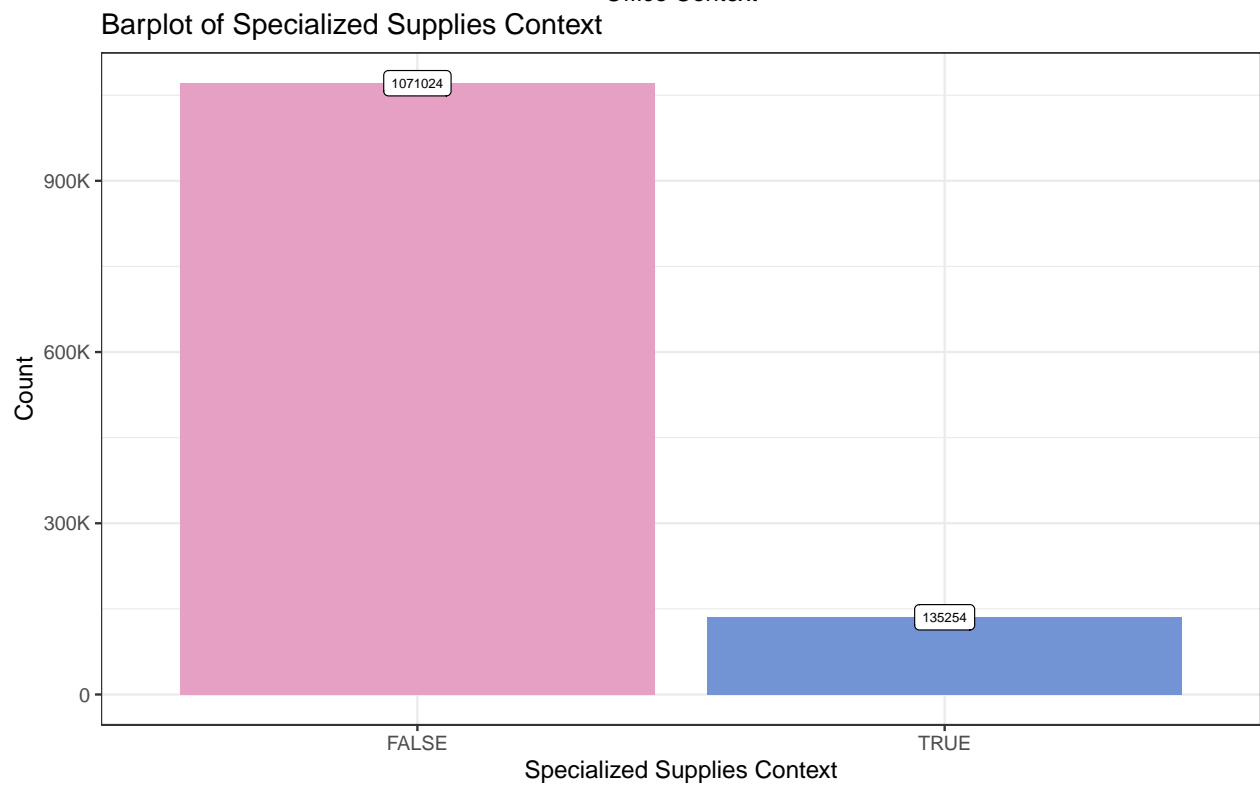
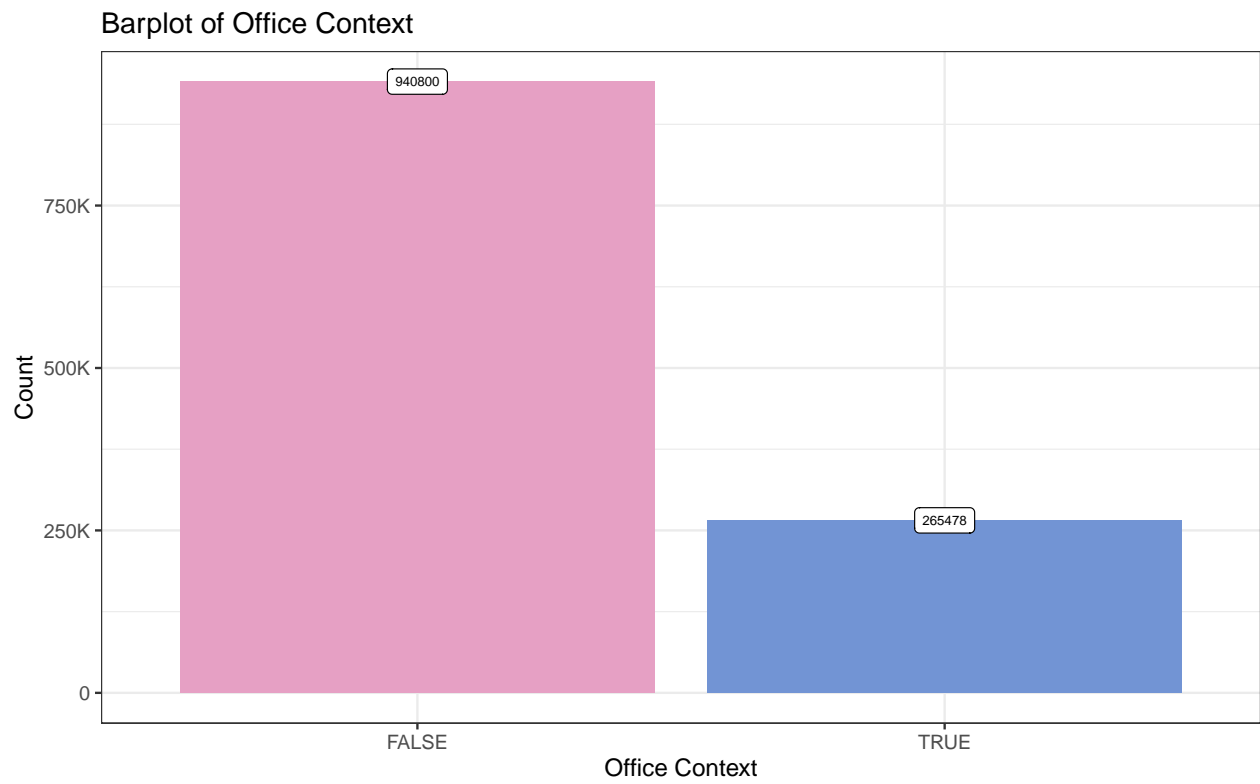




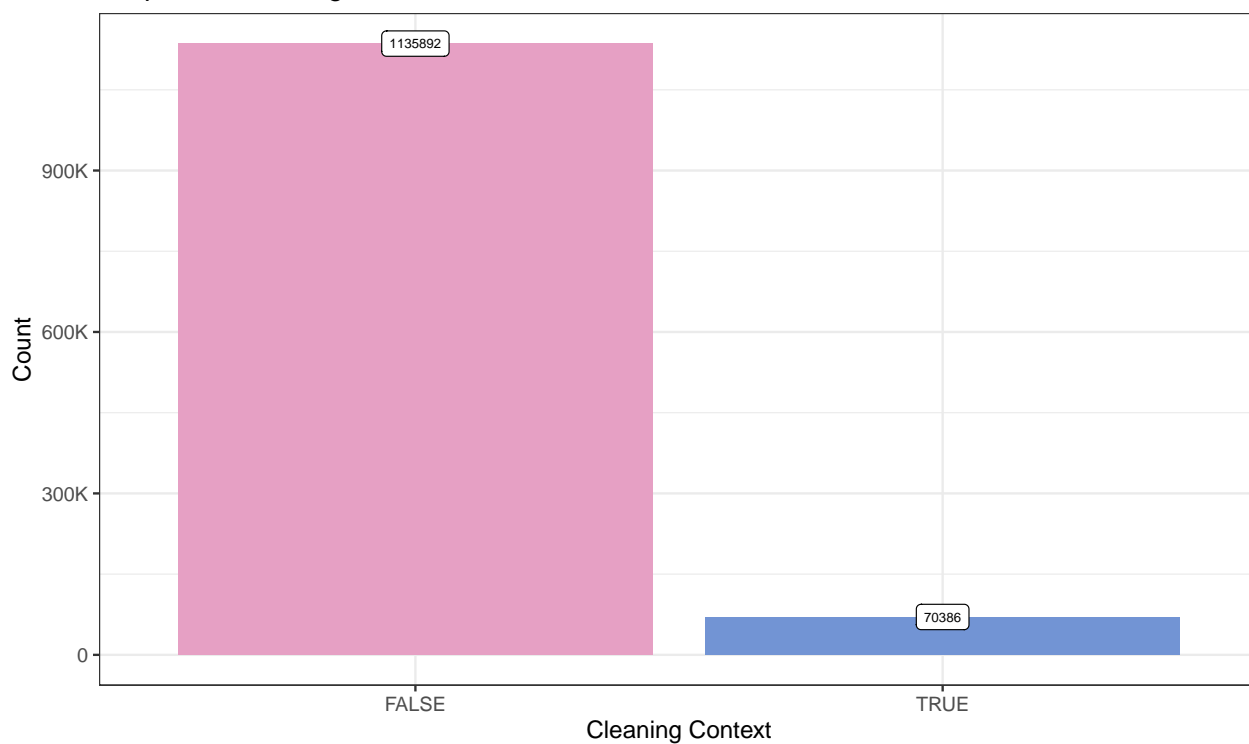




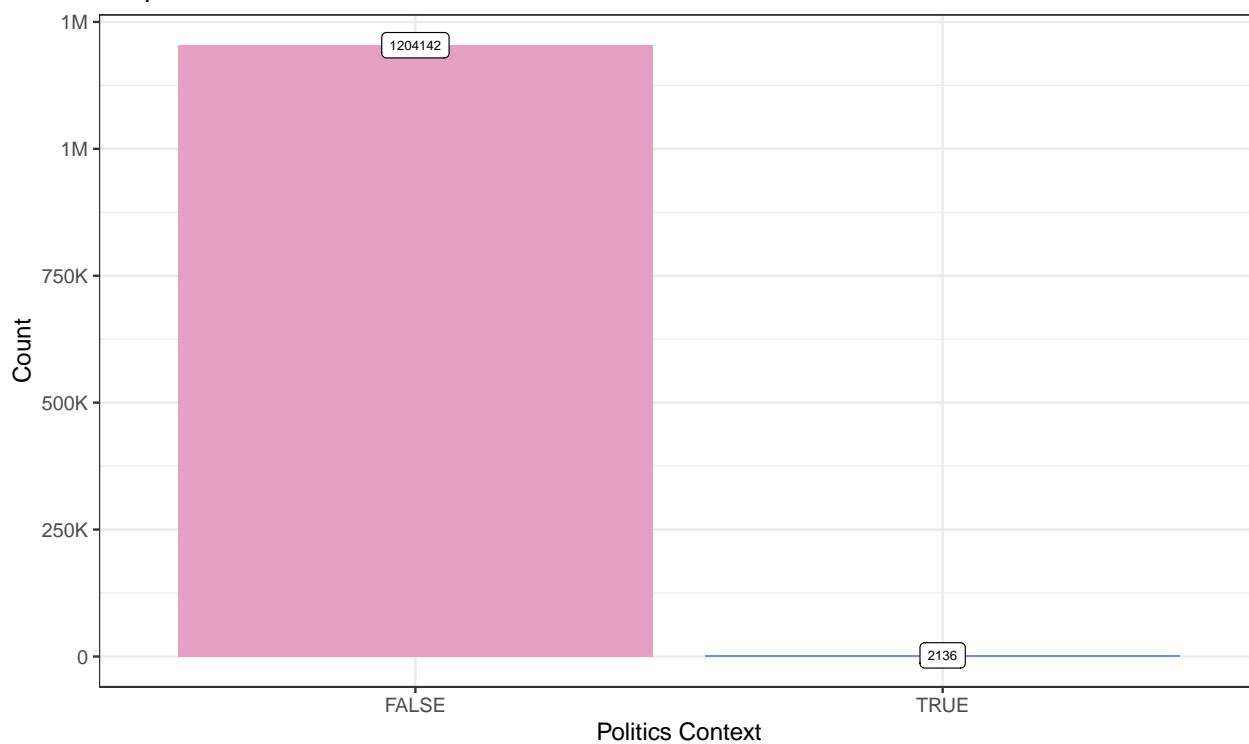


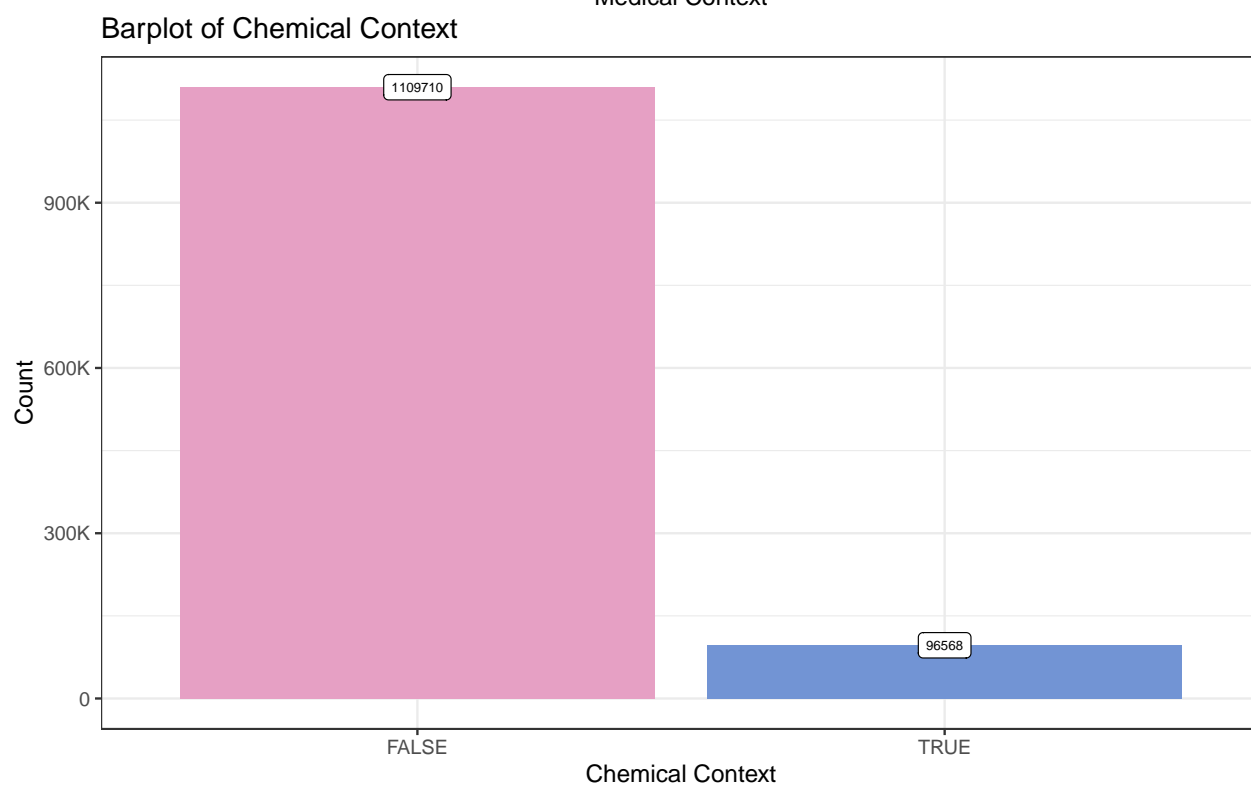
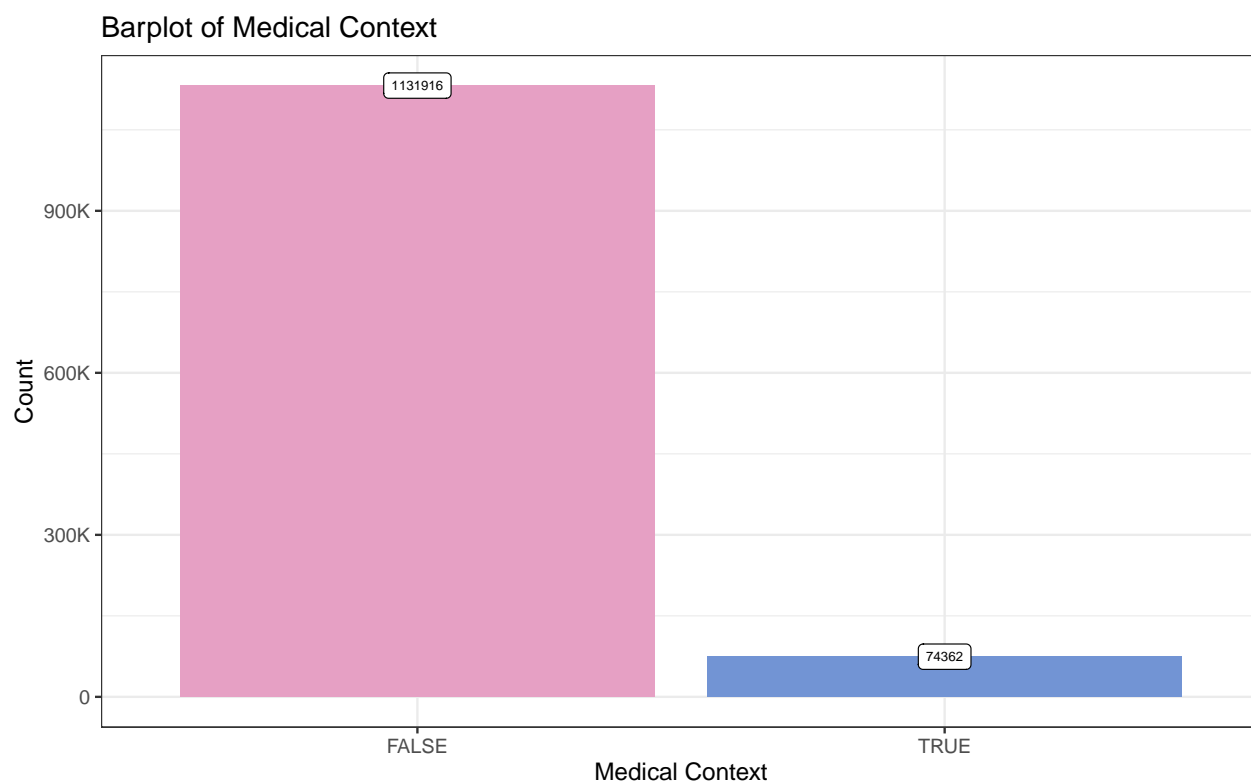


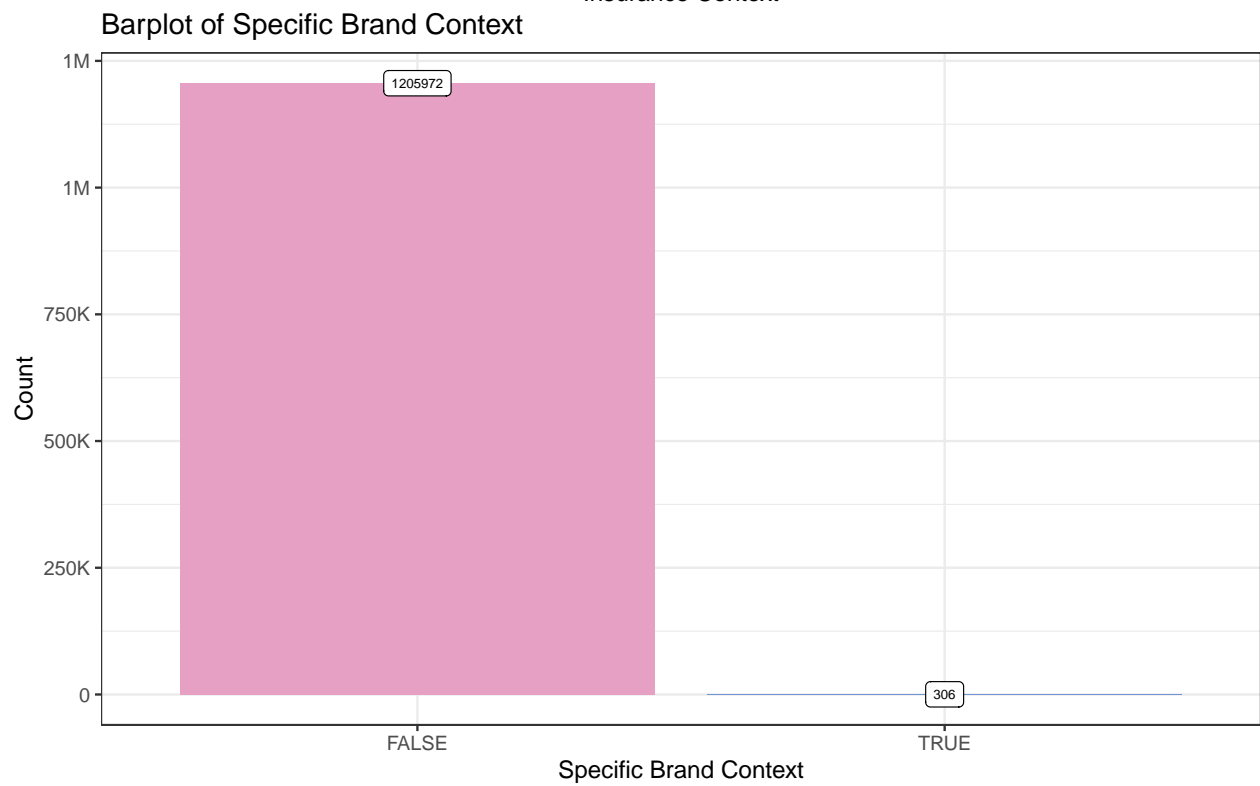
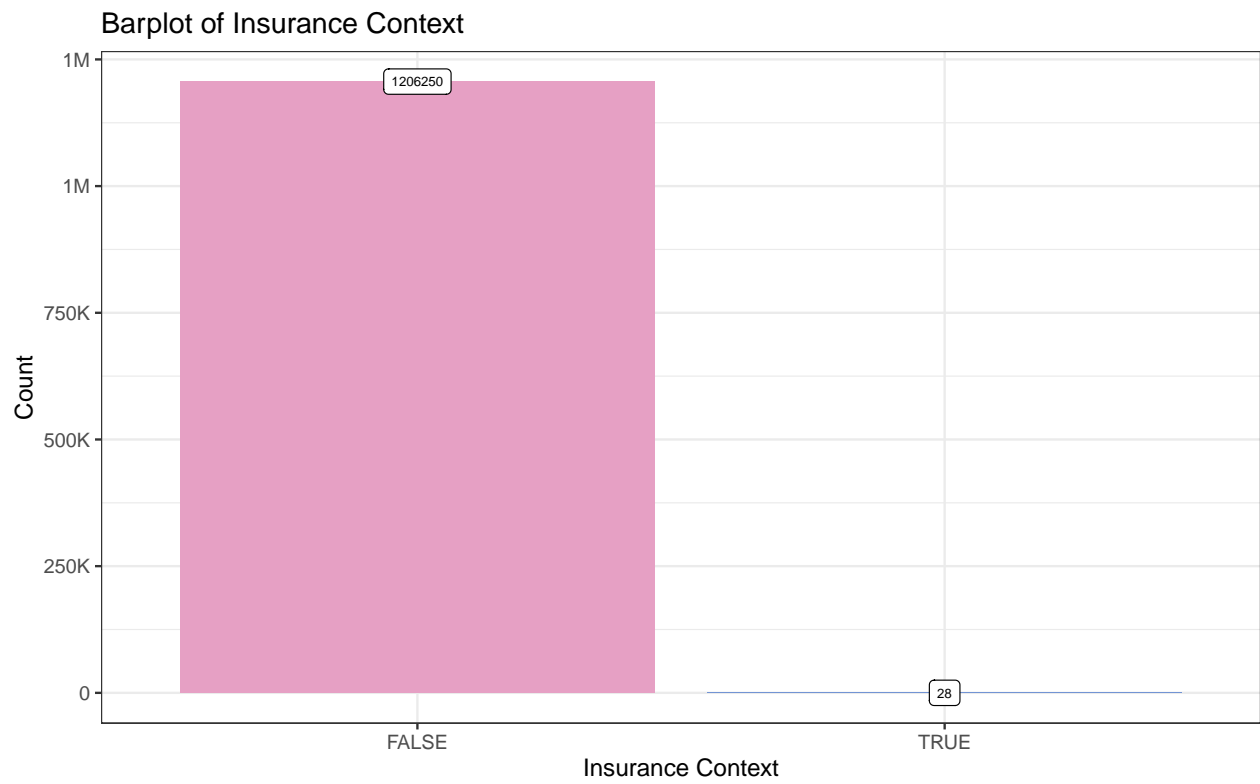
Barplot of Cleaning Context



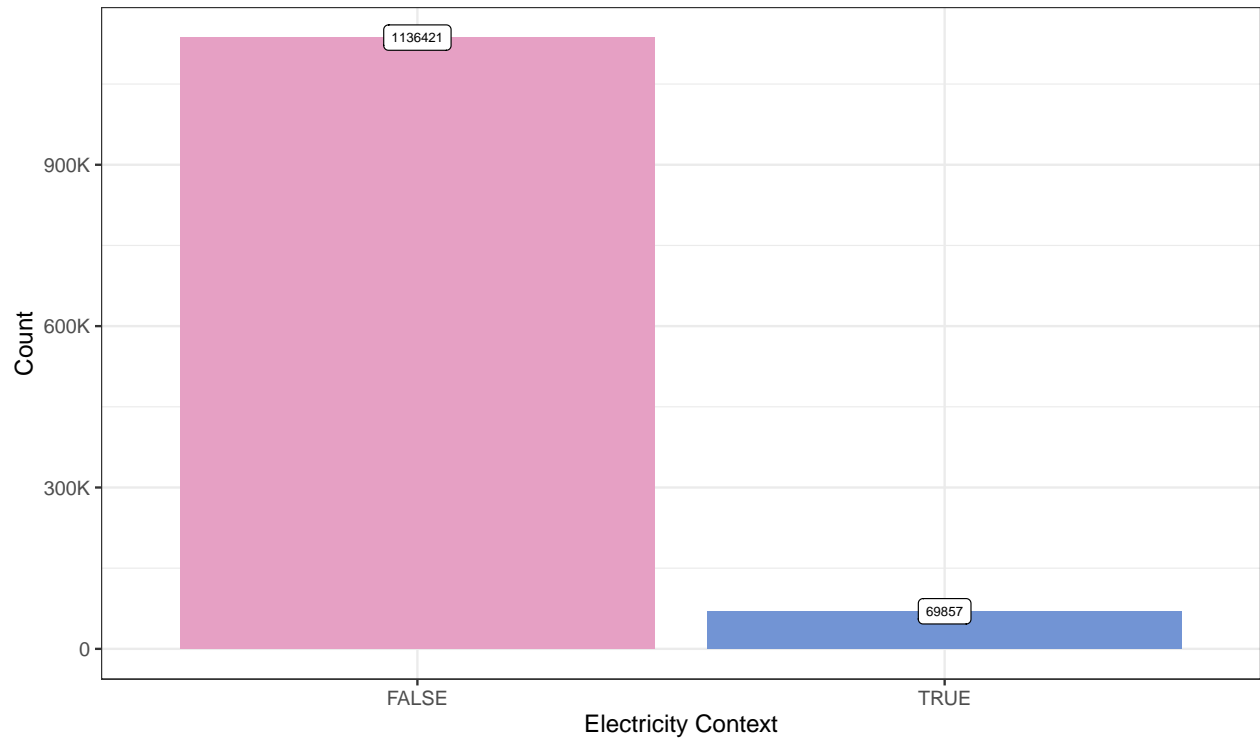
Barplot of Politics Context



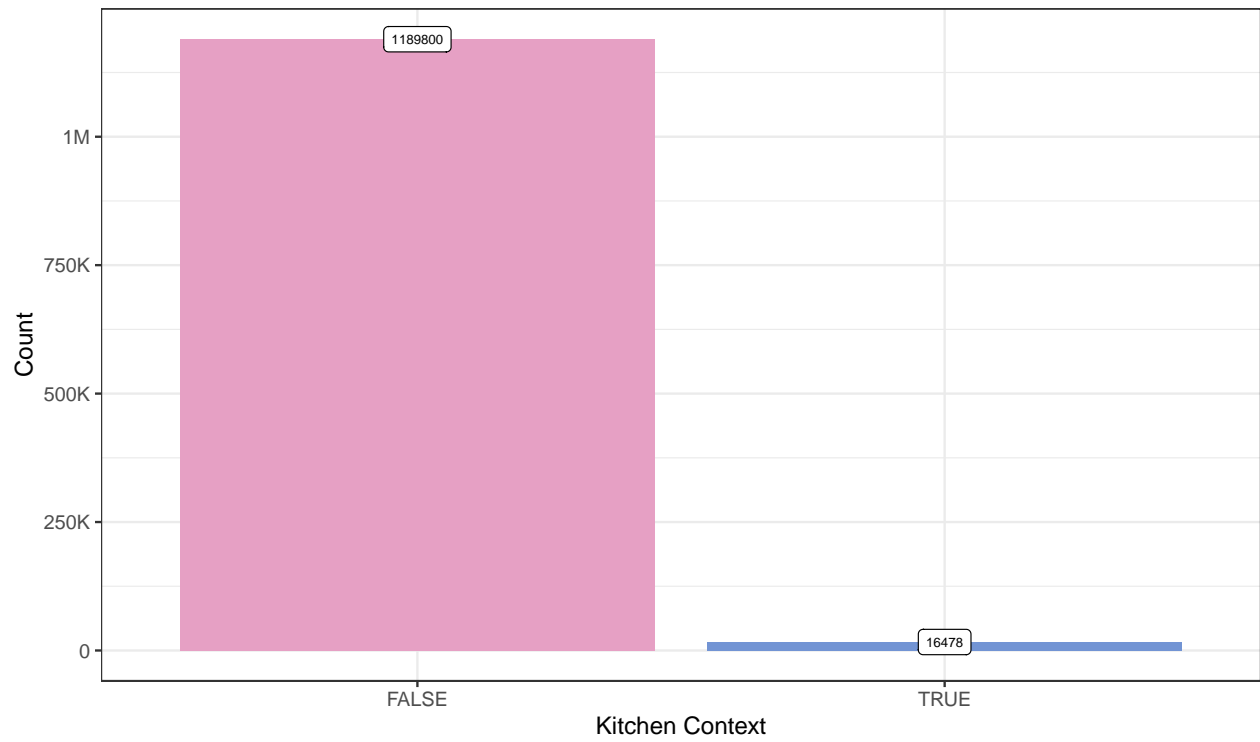




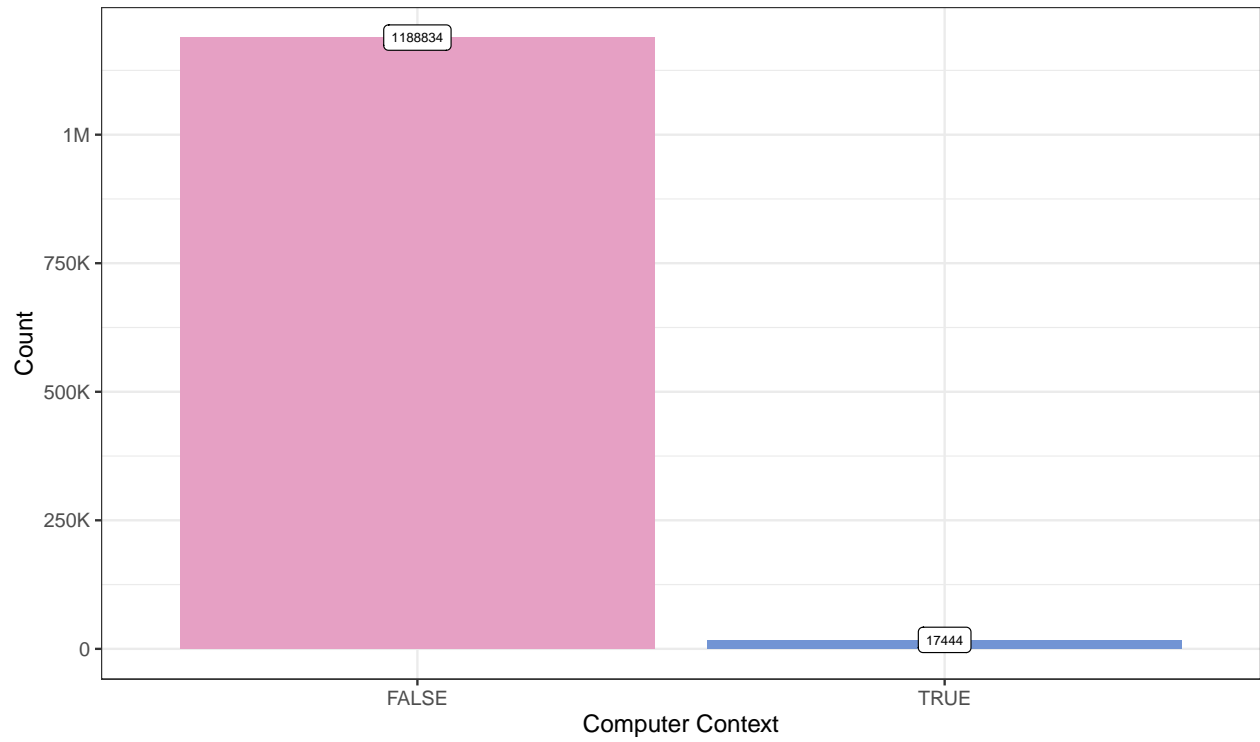
Barplot of Electricity Context



Barplot of Kitchen Context



Barplot of Computer Context



Barplot of Air Conditioning Context

