

# APPENDIX

This additional file contains the plots mentioned during the report that were not included.

## Pairplots

In this page the mentioned pairplot on the numerical variables can be found, where the the samples positive on cancer have been highlighted.

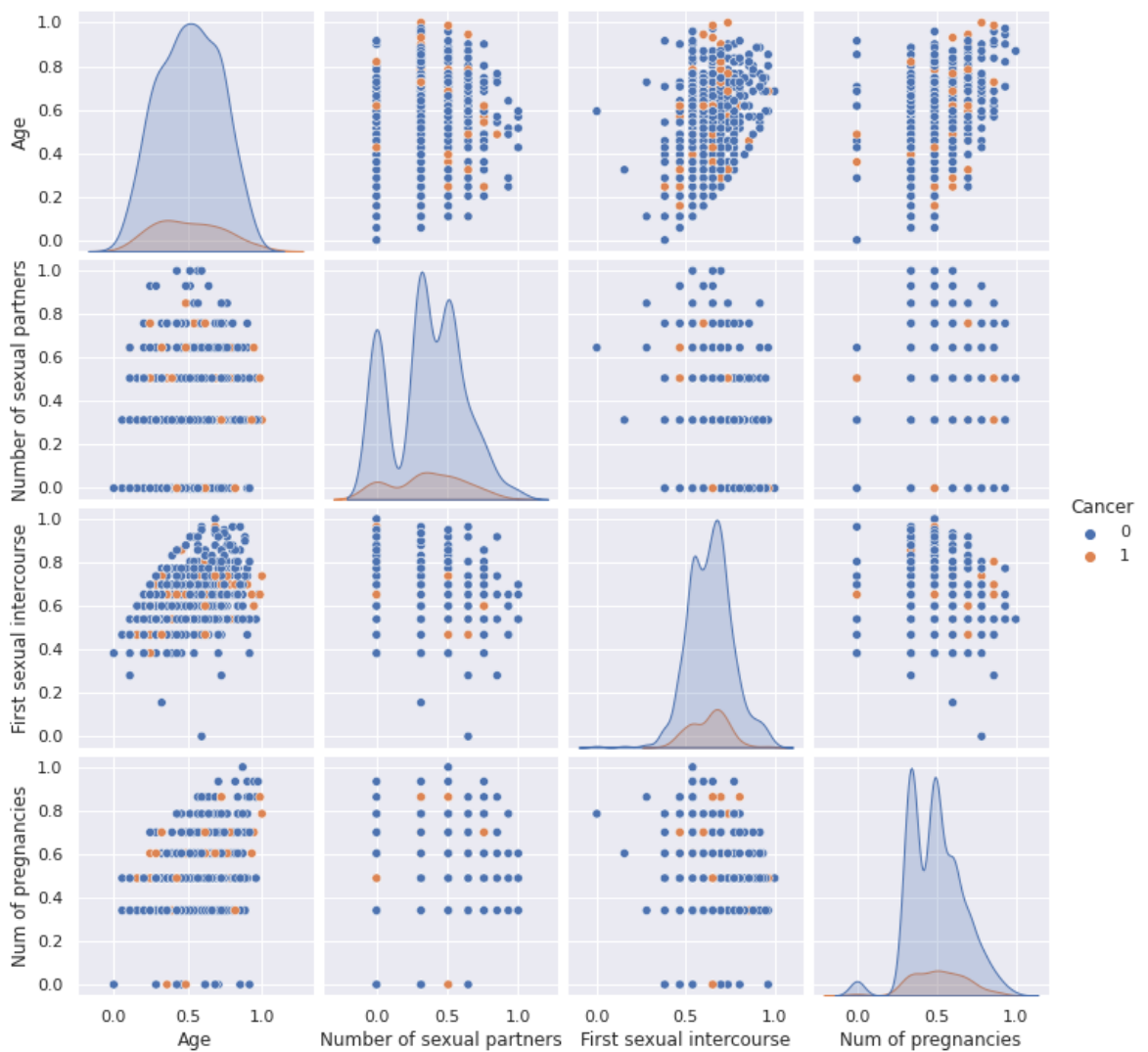


Figure 1: Pairplot

# Dimensionality Reduction

Next, the comparison of correlation before and after PCA decomposition in 6 dimensions.

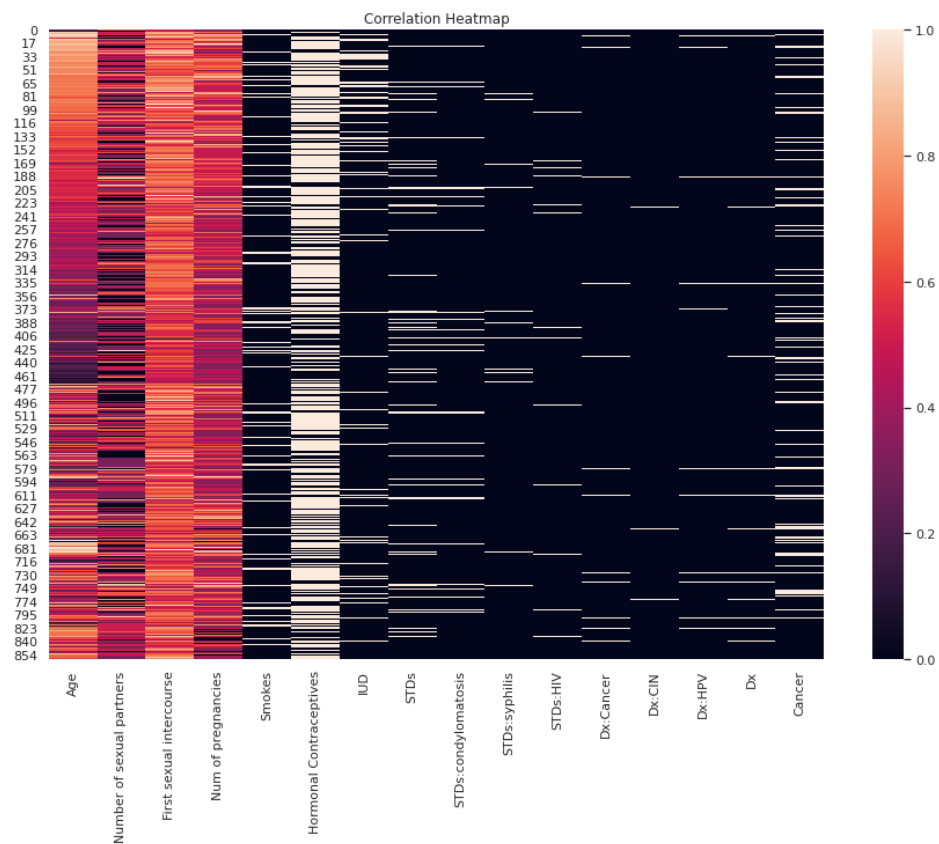


Figure 2: Before PCA

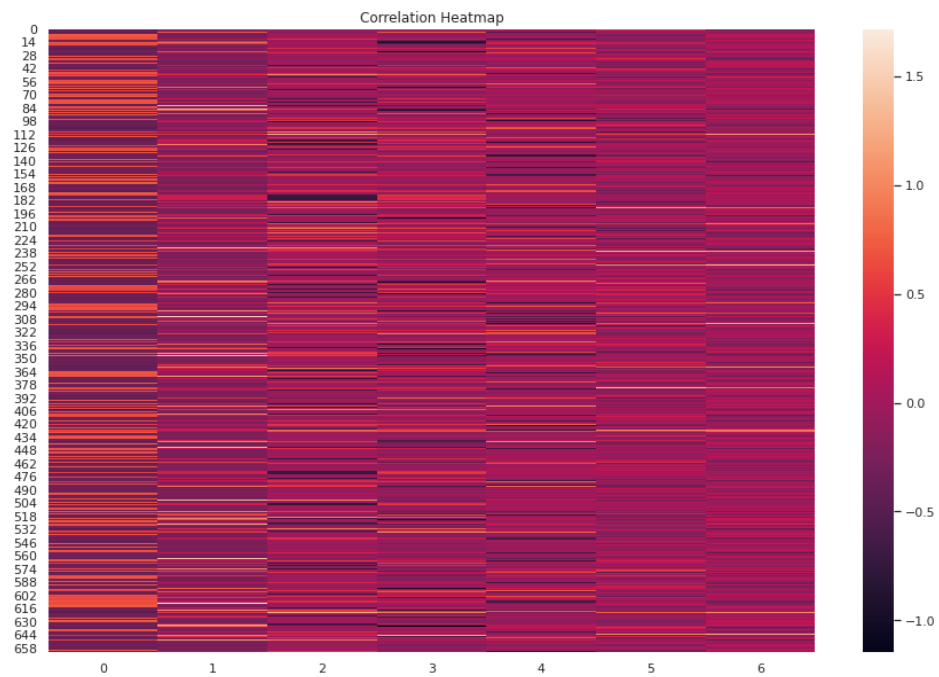


Figure 3: After PCA

As it has been said, even though we see better associations between components, we have lost the relation with the variables and the target which is the main goal. The aim of the study is to understand which are the risk factors that can cause cervical cancer on women.