Appendix for "Nuances in working time preferences among women in part-time manual labour"

December 2018

Technical documentation of the article "Nuances in working time preferences among women in part-time manual labour" submitted to *Work, Employment and Society*.

Data description

Figure 1 shows the time series of employees in the firm.

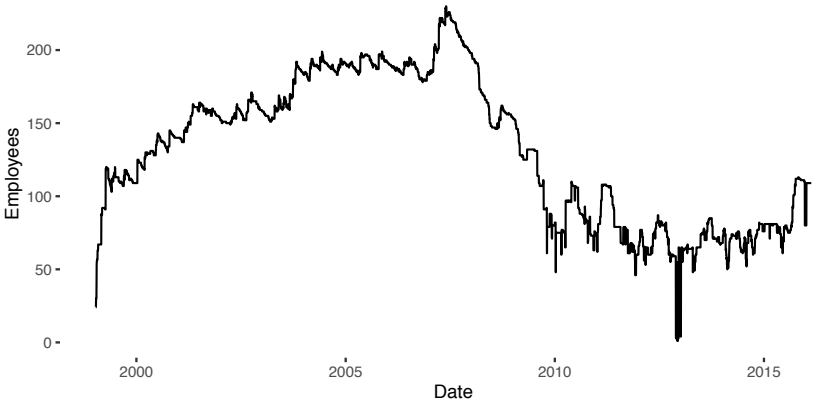

Figure 1: Time series of the number of employees in the firm.

Figure 2 presents a pair plot with both the descriptive statistics of individual variables (in the diagonal) and the bivariate associations between all ofo them (out of the diagonal). The concrete graphic is choosed to respect the original data type. For instance, continuous data (like age and years working) is described individually with a density plot, and the relationship with a scatterplot (see the top 2x2 left matrix), whereas for categorical data barplots are employed. The meaning of the variables is the following:

age Age, in years.

years.working Number of years employed in the firm.

turn.changed Binary variable whether the employee has ever had her turn changed.

turn.2 Binary variable identifying employees currently working in the second turn.

has.kids Binary variable ifentifying whether the employee has kids.

younger.kid.young Binary variable that assesses whether the employee's younger kid is less that 18 years old.

nationality.spain Whether the employee's nationality is Spanish.

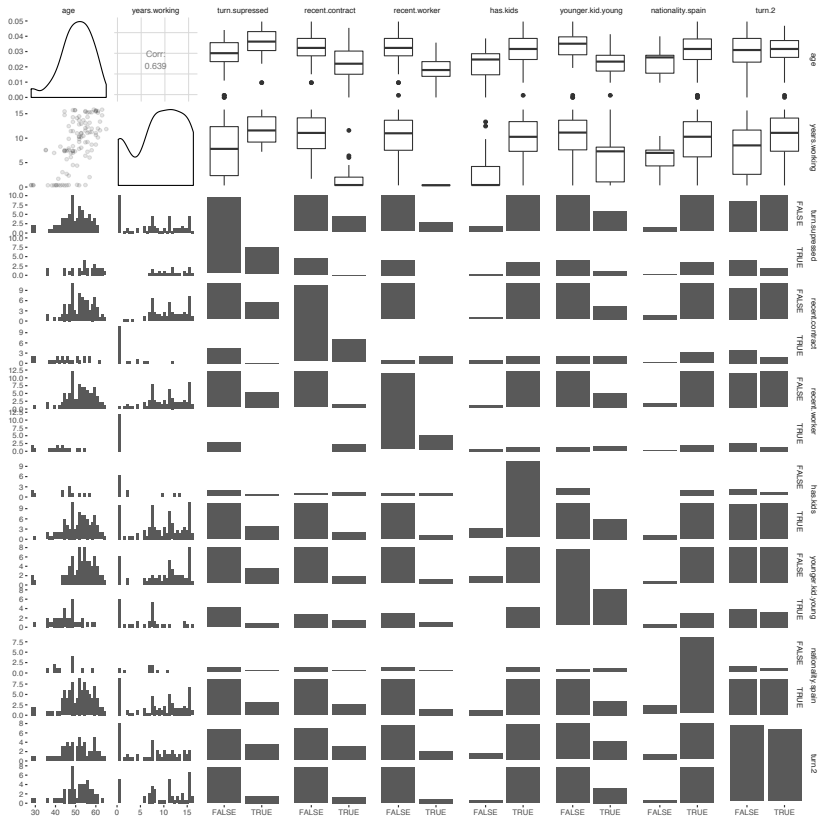

Figure 2: Pair plot of the descriptive features of variables. Individual variables in the diagonal, and binary relationships in the outer diagonal.

Cluster analysis

Figure 3 shows the dendrogram classifying the employees. Cluster analysis has been performed using the Gower distance, which is suitable for mixed-type variables (binary and continuous, as in this setting), and the clustering algorithm is hierarchical agglomeration with the complete method.

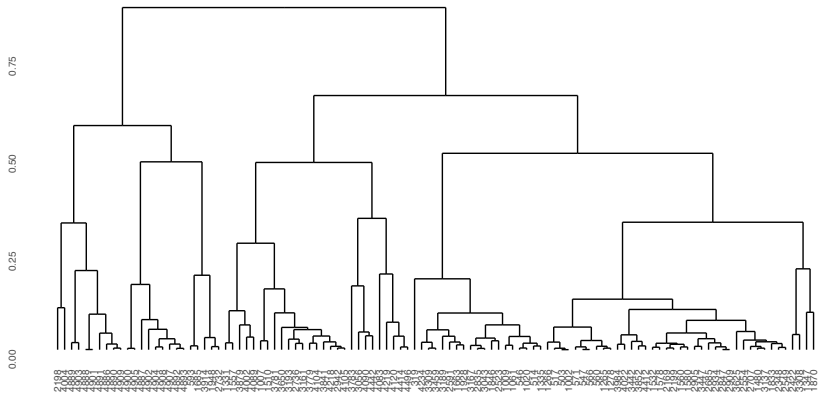

Figure 3: Dendrogram classifying the employees. Numbers represent internal employee ids.

Figure 4 shows a pair plot of the descriptive statistics of the variables, with colors representing the classification of employees in the different clusters

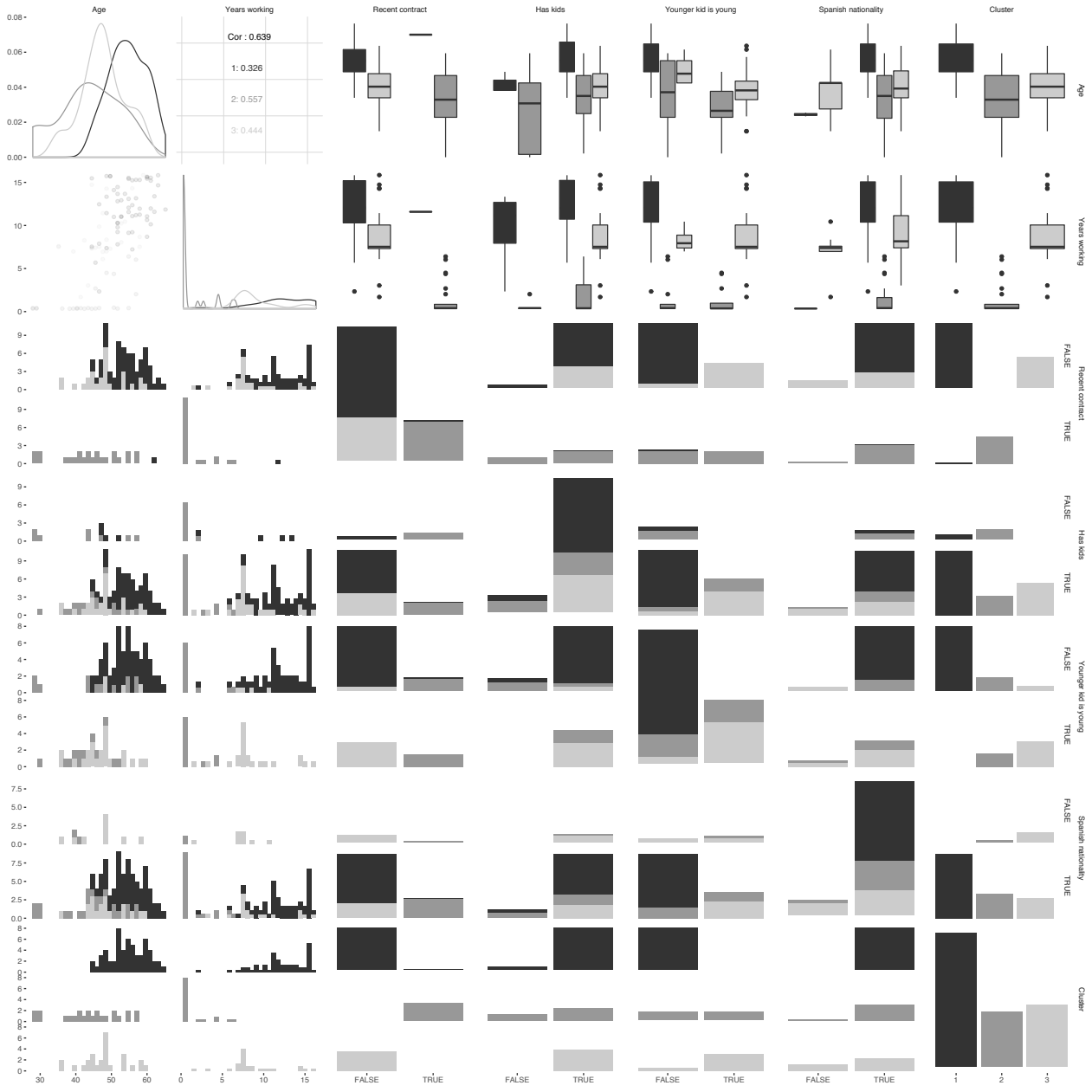

Figure 4: Pairplot of the employees' features, by cluster.