# Cohort 1 - Results

# Descriptive data

#### Gender





Figure 1: Female

Figure 2: Male

#### Age groups



Figure 3: Age - 40-49



Figure 4: Age - 50-59

Figure 5: Age- 60-69

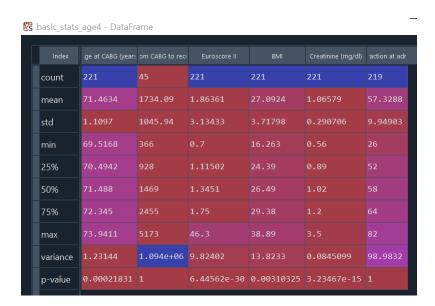
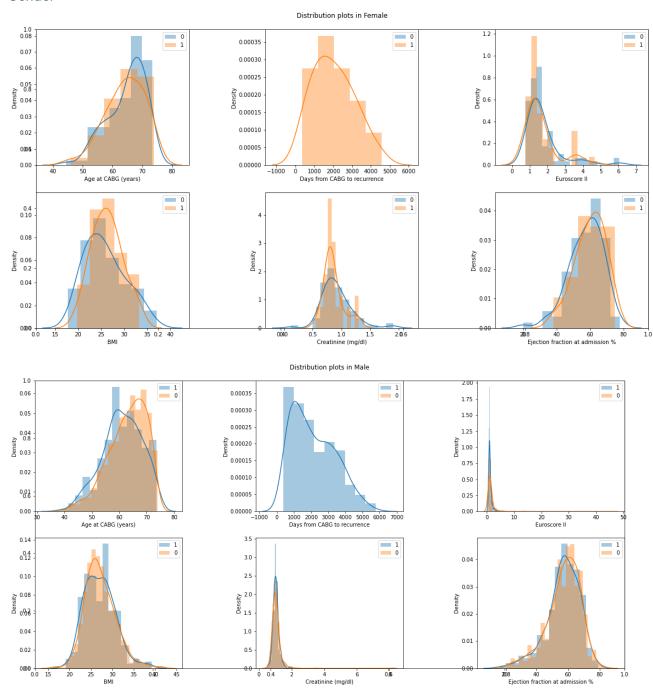


Figure 6: Age - 70-79

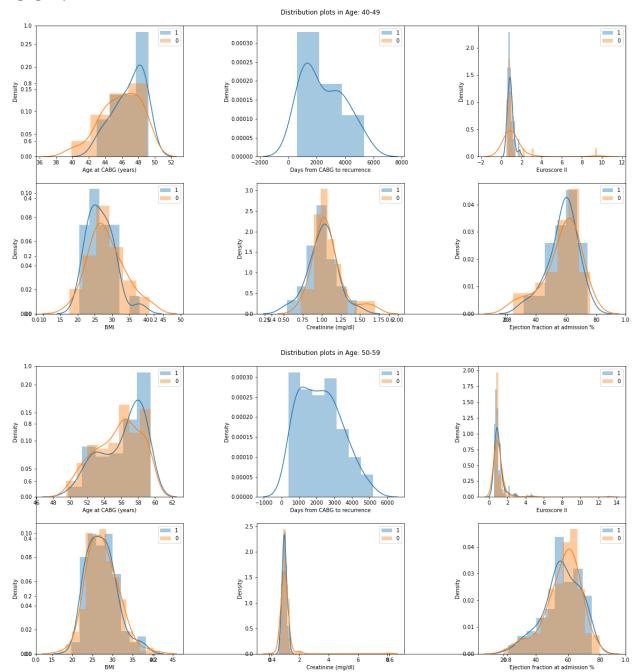
## Numerical features

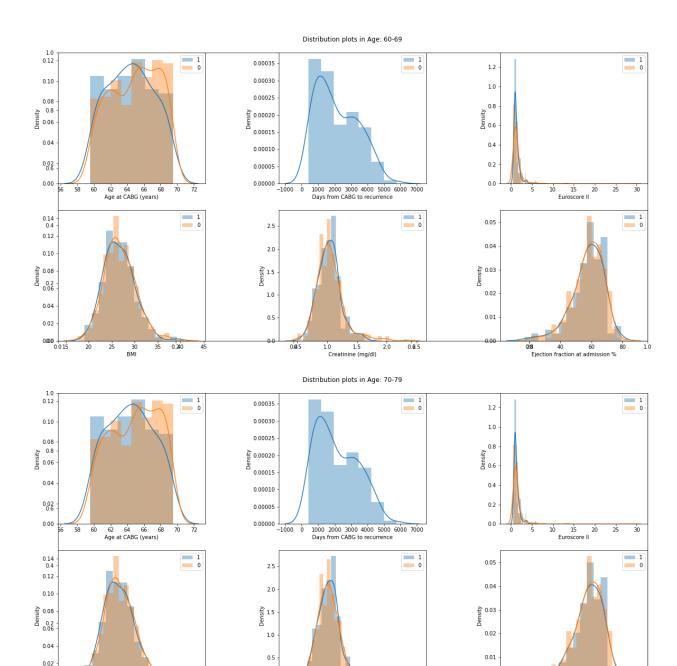
# Distribution plots:

#### Gender



### Age groups



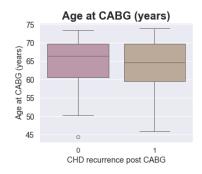


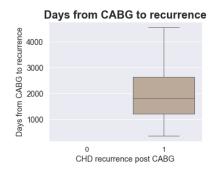
1.0 1.5 Creatinine (mg/dl) 028 40 60 Ejection fraction at admission %

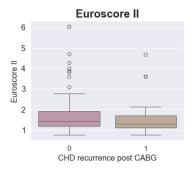
0.015

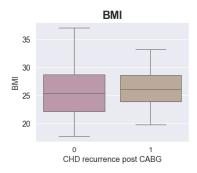
## Box plots

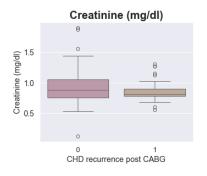
#### Gender

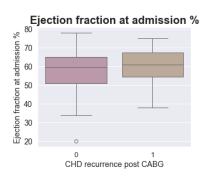


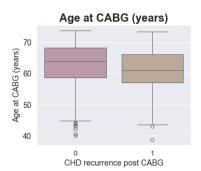


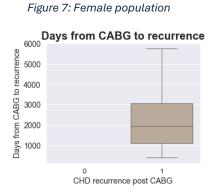


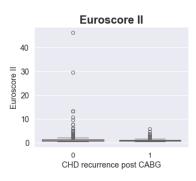


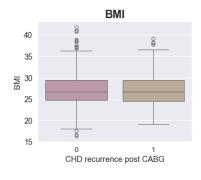


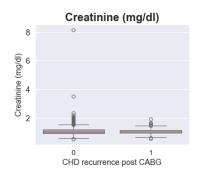












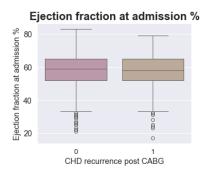
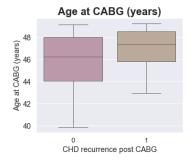
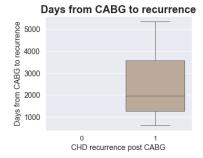
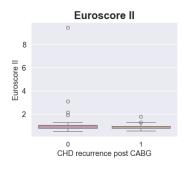


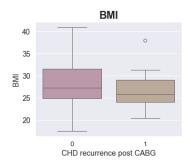
Figure 8: Male population

### Age group









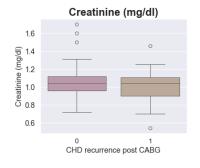
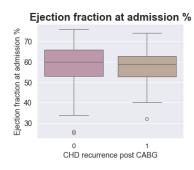
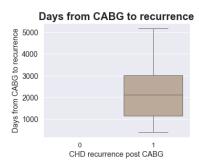


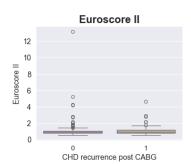
Figure 9: Age - 40-49

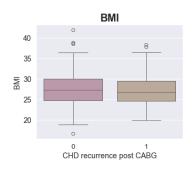


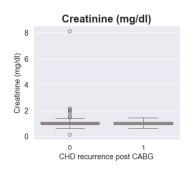


0 1 CHD recurrence post CABG









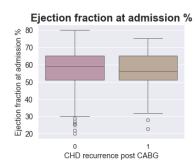
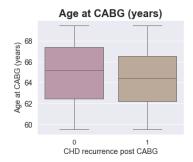
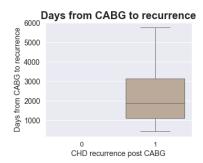
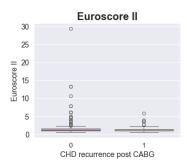
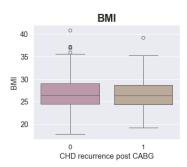


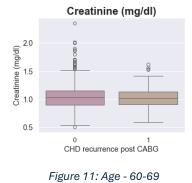
Figure 10: Age - 50-59

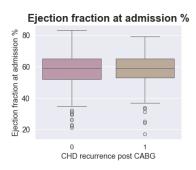


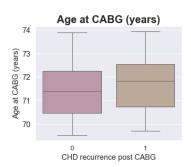


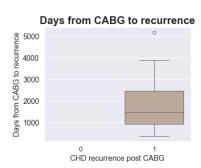


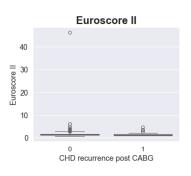


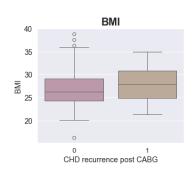


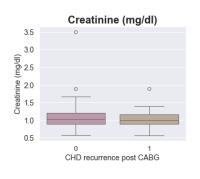












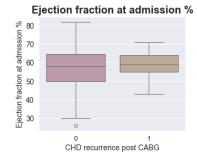


Figure 12: Age - 70-79

### Correlation

#### Gender

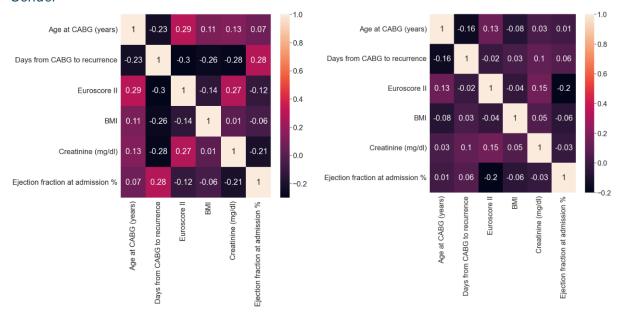


Figure 13: Female population

Figure 14: Male population

#### Age group

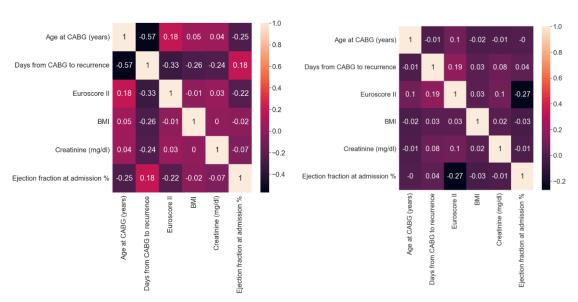


Figure 15: Age - 40-49

Figure 16: Age - 50-59

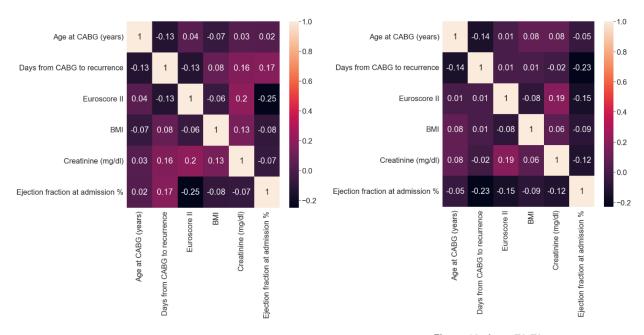


Figure 17: Age - 60-69

Figure 18: Age - 70-79

# Categorical Features:

### Gender

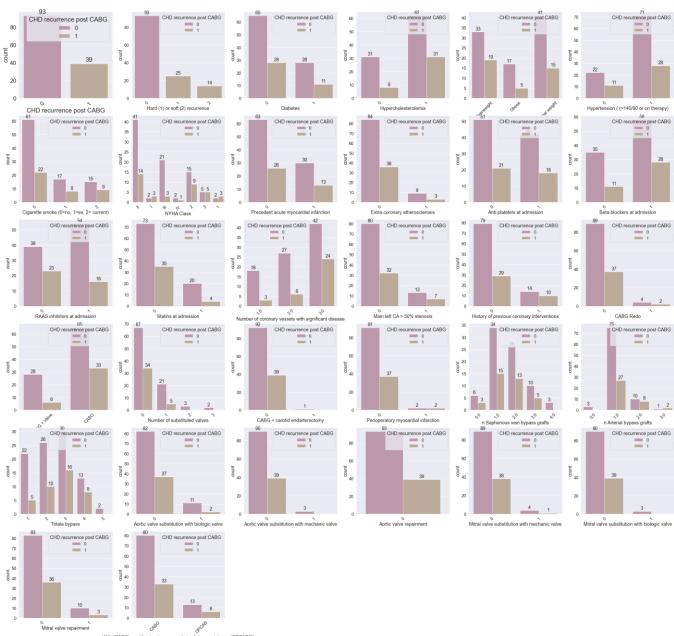


Figure 19: Female population

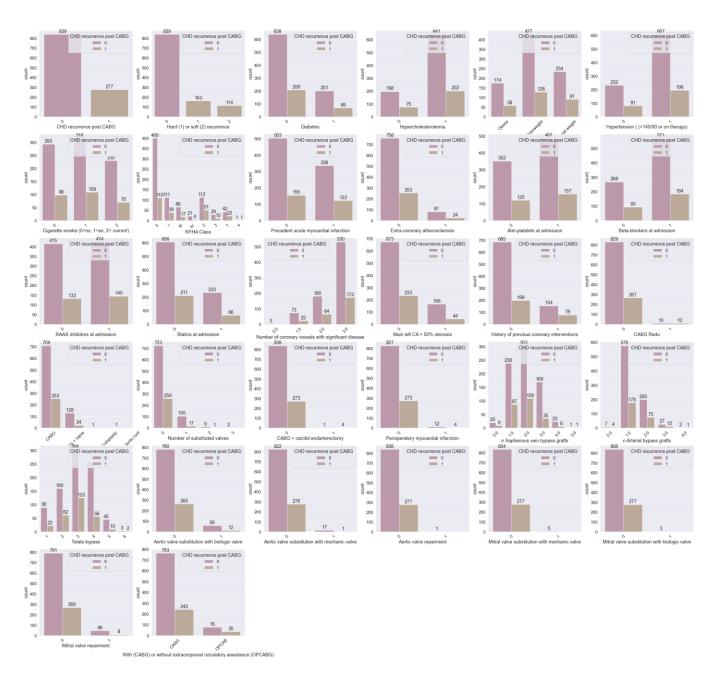


Figure 20: Male population

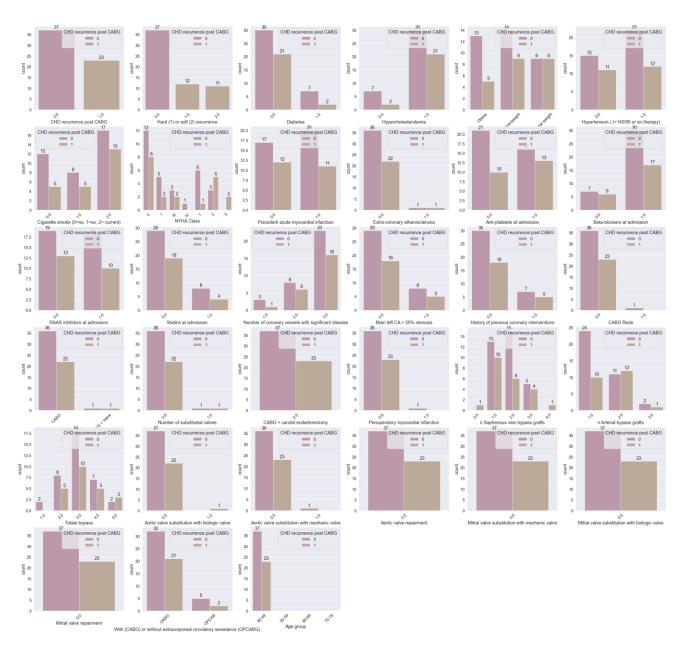


Figure 21: Age - 40-49

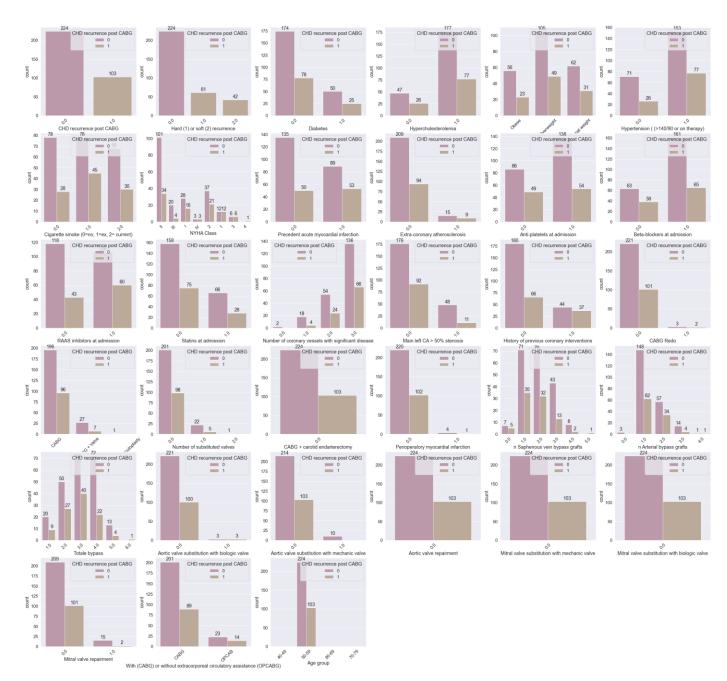


Figure 22: Age - 50-59

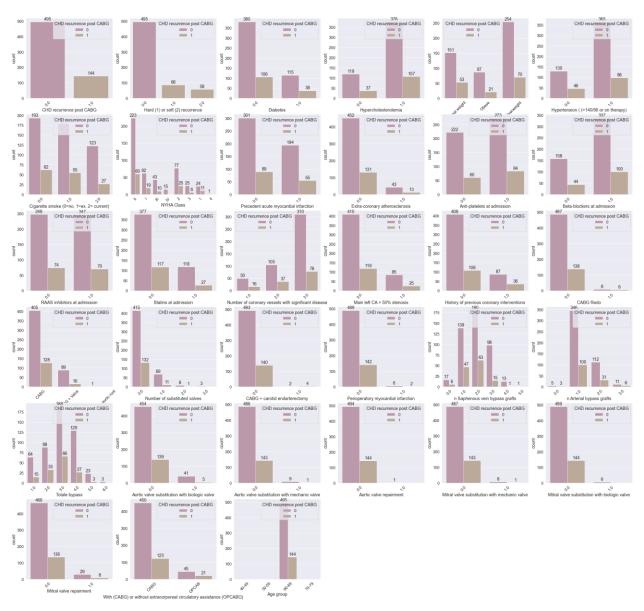


Figure 23: Age - 60-69

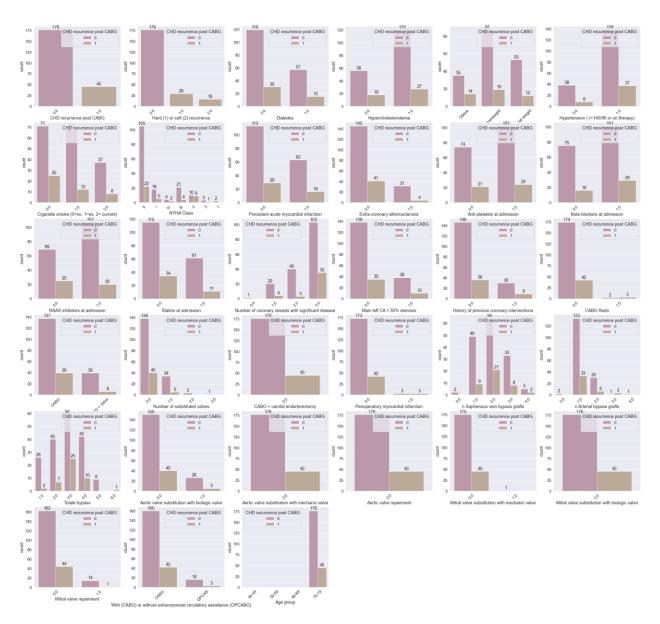
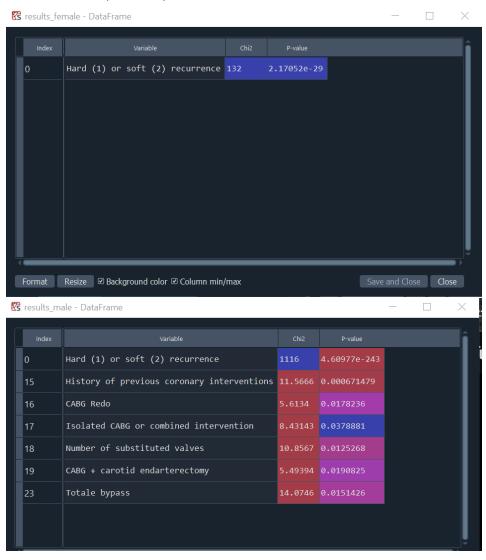
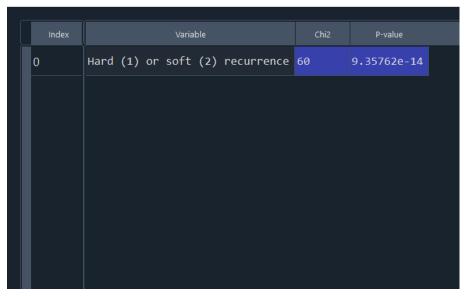


Figure 24: Age - 70-79

### Statistical tests (chi2 test)

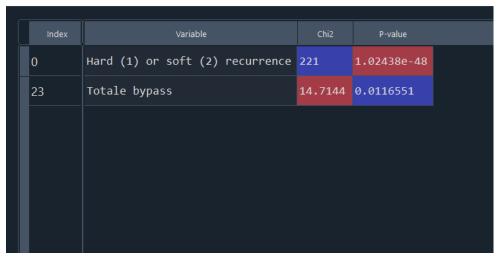


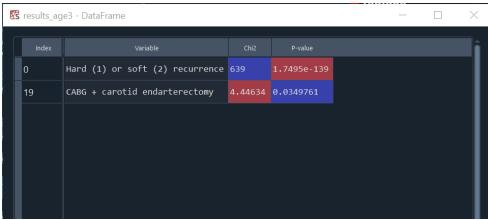
### results\_age1 - DataFrame





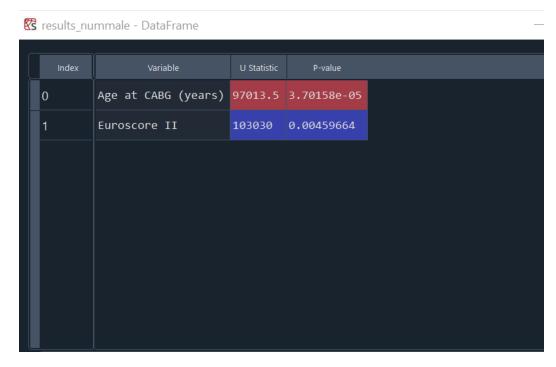
### results\_age4 - DataFrame





### Statistical tests (mann whitney u test)

### None in female



None in age group 1

None in age 2

None in age 3

None in age 4