Cohort 2 - Results

Descriptive data

Gender



Figure 1 - Female



Figure 2 – Male

Age groups



Figure 3 - Age: <59



Figure 4 - Age: 60-69

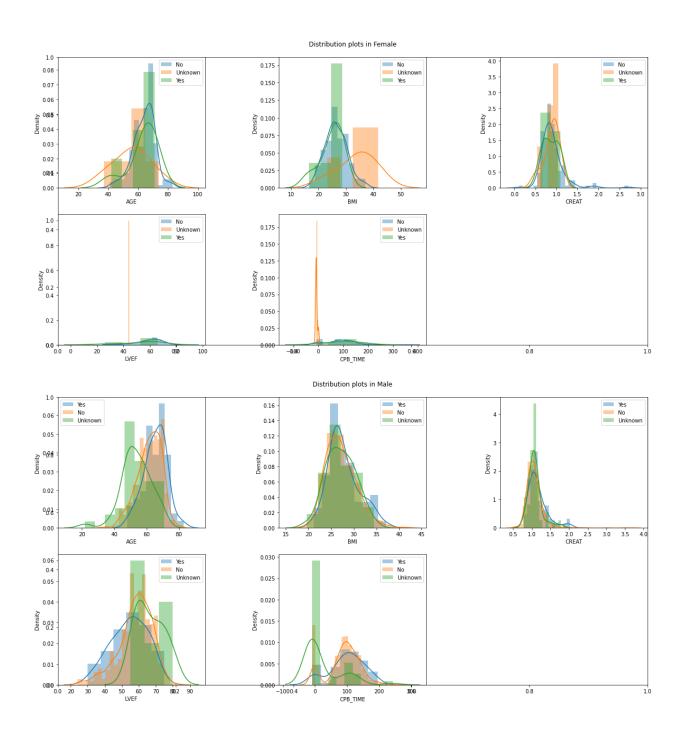


Figure 5 - Age: >70

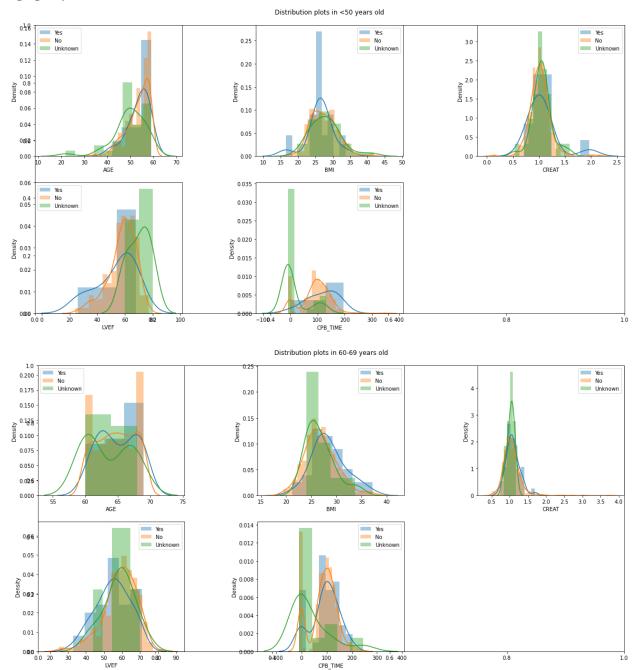
Numerical features

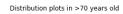
Distribution plots:

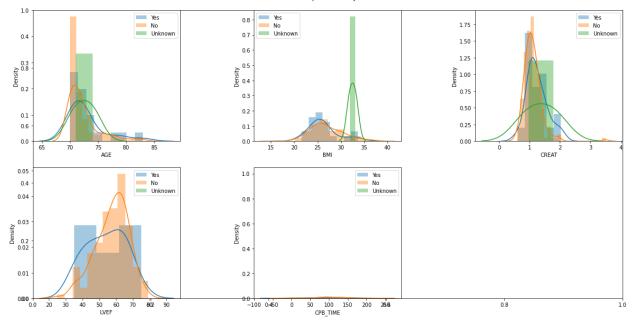
Gender



Age groups

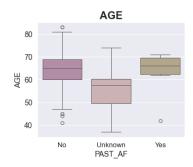


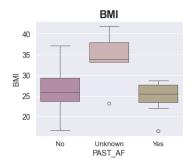


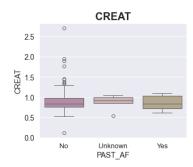


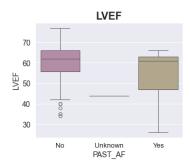
Box plots

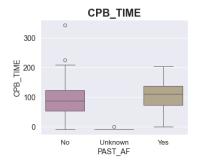
Gender











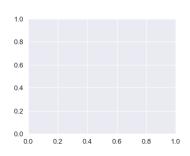
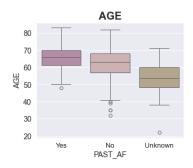
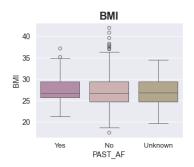
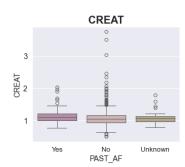
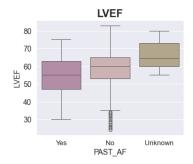


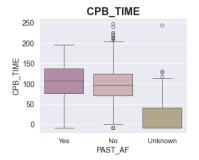
Figure 6: Female population











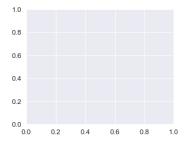
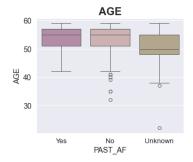
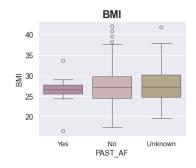
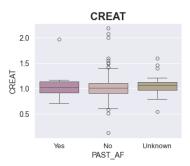


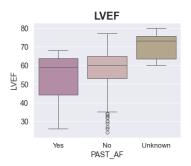
Figure 7: Male population

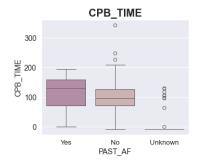
Age group











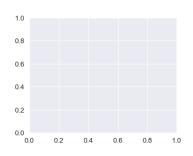
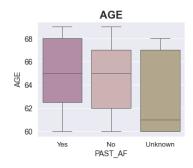
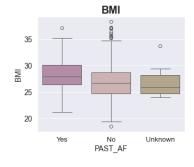
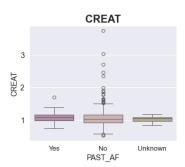
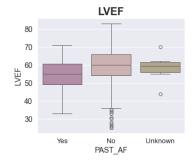


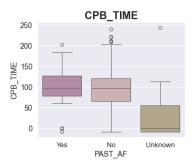
Figure 8: Age < 59











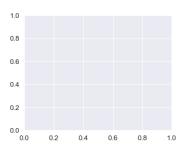
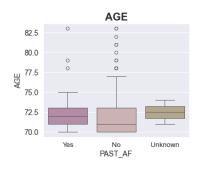
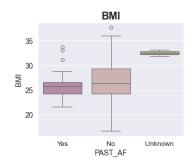
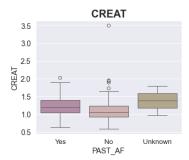
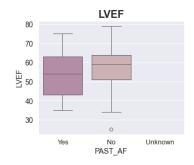


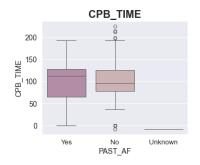
Figure 9: Age - 60-69











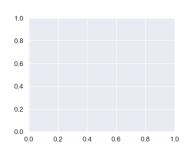


Figure 10: Age >70

Correlation

Gender

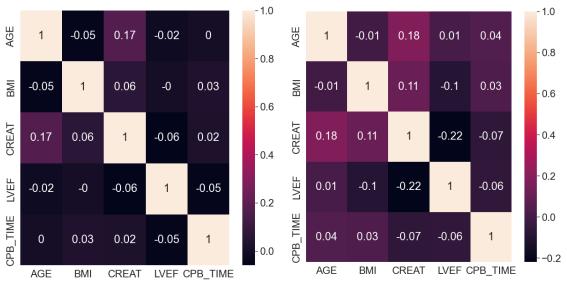


Figure 11: Male Figure 12: Female

Age group

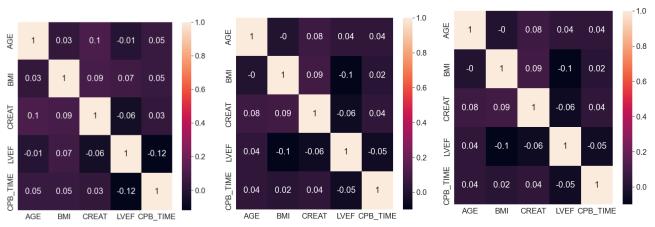


Figure 13 - Age < 59 Figure 14 - Age: 60-69 Figure 15 - Age > 70

Categorical Features:

Gender



Figure 16 – Female

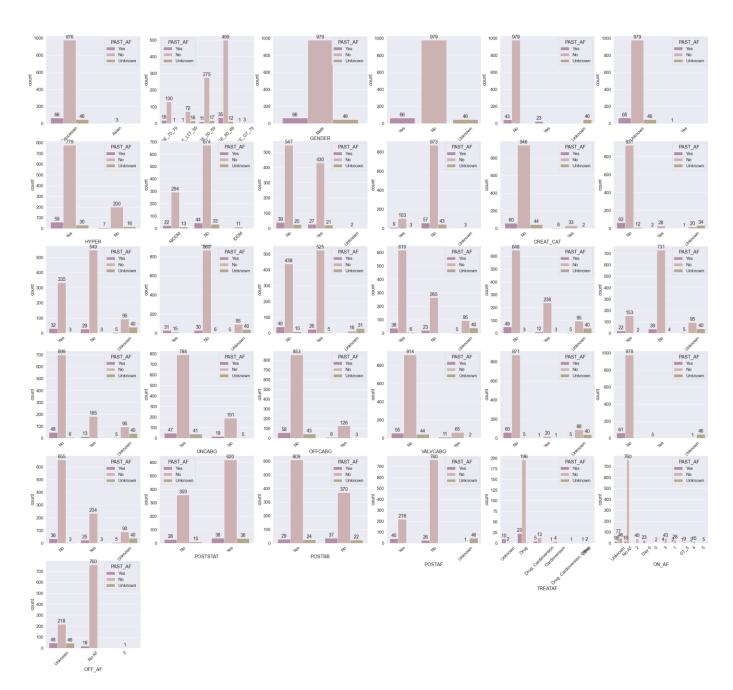


Figure 17: Male



Figure 18 - Age < 60

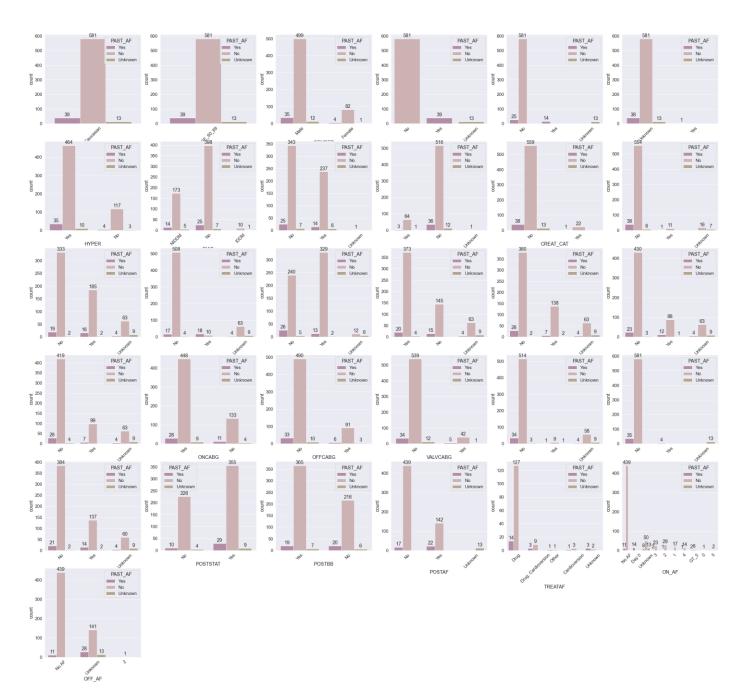


Figure 19 - Age: 60-69

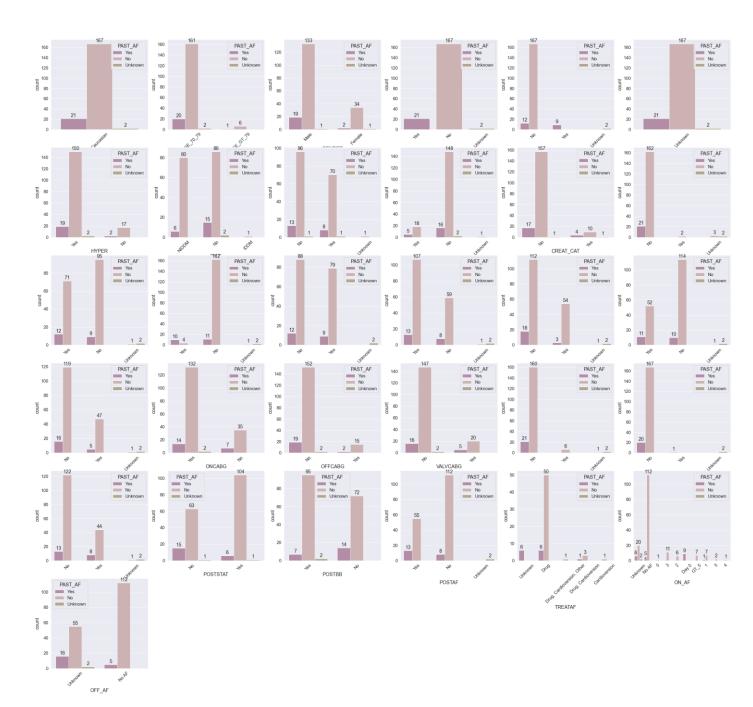


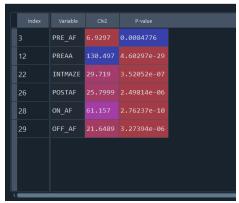
Figure 20 - Age > 70

Statistical tests (chi 2 test)

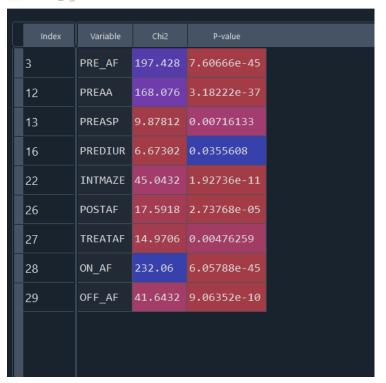




results_age1 - DataFrame



results_age2 - DataFrame



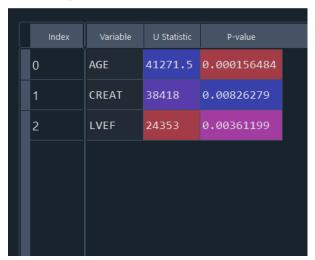
results_age3 - DataFrame

Index	Variable	Chi2	P-value	
3	PRE_AF	66.0615	4.37067e-16	
12	PREAA	55.3948	9.35783e-13	
24	POSTSTAT	7.39593	0.00653717	
26	POSTAF	5.58462	0.0181188	
27	TREATAF	28.5043	9.85603e-06	
28	ON_AF	84.43	2.1202e-14	
29	OFF_AF	13.0674	0.000300487	

Statistical tests (mann whitney u test)

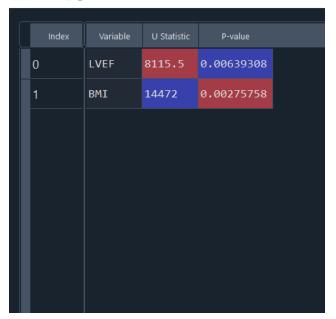
Female: None

results_nummale - DataFrame



Age 1: none

results_age2 - DataFrame



results_age3 - DataFrame

