

Table 1. Population Characteristics in 3 subgroups: AF patients with recurrence, AF patients with no recurrence and Control. Demographics, Comorbidities, Blood Test Results

	AF-recurrence N=14	AF-no recurrence N=36	Control N=20	P AF rec vs no rec	P AF rec vs Control	P AF no rec vs Control	P ANOVA/Chi sq
Clinical Characteristics							
Age, y	67±12	69±10	69±10	0.91	0.88	0.99	0.88
Sex, males	8(57)	18(50)	11(45)	0.76	0.99	0.78	0.26
BMI	24±3	29±6	25±3	0.007	0.35	0.007	0.015
Comorbidities							
Hypertension	9 (64)	22(61)	9(45)	0.99	0.25	0.32	0.42
CAD Obstructive	0(0)	0(0)	0(0)	0.99	0.99	0.99	0.99
CAD Non-obstructive	1(7)	4(11)	1(5)	0.99	0.99	0.64	0.72
Previous MI	0(0)	0(0)	0(0)	0.99	0.99	0.99	0.99
Diabetes	2(14)	4(11)	1(5)	0.99	0.56	0.64	0.64
Dyslipidemia	3(21)	7(19)	5(25)	0.99	0.99	0.74	0.89
Asthma/COPD	1(7)	4(11)	2(10)	0.99	0.99	0.99	0.92
Sleep Apnoea	3(21)	9(25)	4(20)	0.99	0.99	0.75	0.90
Blood Tests							
Hb (g/dl)	13.7±1.4	14.7±1.3	13.9±1.1	0.11	0.91	0.16	0.07
Htc (%)	41±4	43±3	42±5	0.08	0.54	0.35	0.32
WBC (K/ul)	6.5±1.8	6.6±1.6	6.1±1.6	0.98	0.77	0.56	0.57
HbA1C (%)	5.7±0.4	5.6±0.4	5.4±0.5	0.8	0.41	0.72	0.43
Glucose (mg/dl)	106±18	110±28	107±14	0.51	0.87	0.63	0.70
Urea (mg/dl)	37.8±6.6	39.9±10.3	31.0±4.8	0.75	0.07	0.002	0.003
Creatinine (mg/dl)	1.04±0.12	1.04±0.22	0.88±0.19	0.99	0.10	0.035	0.027
eGFR (ml/min/1.72m2)	68±12	75±18	80±10	0.33	0.06	0.56	0.08
Triglycerides	90±25	170±150	130±80	0.13	0.60	0.49	0.146
Total Cholesterol	170±22	167±47	203±33	0.97	0.06	0.012	0.010
HDL Cholesterol	59±20	48±9	66±25	0.28	0.59	0.012	0.016
LDL Cholesterol	99±28	97±34	133±39	0.99	0.041	0.008	0.006
Albumin	4.0±0.4	4.2±0.2	4.4±0.2	0.88	0.26	0.44	0.71
TSH	1.14±0.89	1.55±0.61	2.15±1.70	0.67	0.11	0.28	0.10
log NTpro-BNP	2.97±0.35	2.80±0.56	1.84±0.32	0.50	<0.001	<0.001	<0.001

Abbreviations: BMI body mass index, CAD coronary artery disease, COPD chronic obstructive pulmonary disease, Hb hemoglobin, Htc hematocrit, HbA1C glycosylated hemoglobin, eGFR estimated glomerular filtration rate, TSH thyroid-stimulating hormone, NTpro-BNP N-Terminal pro-B-Type natriuretic peptide