

## Online appendix 1: Population characteristics by LVEF category.

variable	category	Total	> 51% N=934	41-51% N=213	30-40% N=204	≤ 30% N=49	p-value
Gender - female		415	307	40	60	8	0.0003
Age (mean ± SD)		69.6 ± 10.8	68.9 ± 10.8	69.2 ± 11.2	72.5 ± 10.3	71.7 ± 8.3	0.00077
BMI (mean ± SD)		29.9 ± 11.9	30.1 ± 10.2	31.1 ± 21.3	28.4 ± 4.9	27.1 ± 3	< 0.0001
Hypertension		1020	694	143	152	31	0.11
Smoker		258	173	49	27	9	0.13
LVEF (mean ± SD)		53.9 ± 11.7	61 ± 4.4	47 ± 2.8	35.8 ± 3.8	23.8 ± 3.2	< 0.0001
Periph. arterial disease		209	120	37	40	12	0.02
Previous CHF		95	30	15	38	12	< 0.0001
CKD		147	77	21	37	12	< 0.0001
GRACE (mean ± SD)		148.7 ± 36.5	140.1 ± 33	154.4 ± 35.2	175.6 ± 35.1	178.5 ± 37.8	< 0.0001
Killip	1	1072	811	150	97	14	< 0.0001
	2	230	94	43	68	25	
	3	77	23	19	28	7	
	4	21	6	1	11	3	
Number of vessels	0 or 1 vessel	750	523	110	97	20	0.05
	2 or 3 vessels	574	369	92	91	22	
	Left main +0/1 vessels	14	6	3	3	2	
	Left main +2/3 vessels	62	36	8	13	5	
Complete	revascularization	520	365	81	63	11	0.05
CABG		76	50	17	7	2	0.27
Aspirin		1261	842	196	183	40	0.24
Clopidogrel		948	630	136	151	31	0.18
OACs		142	82	26	28	6	0.16
Beta-blockers		924	617	142	133	32	0.99
ACEI-ARB treatment		971	621	166	148	36	0.01
Estatins		1174	791	175	169	39	0.68
Diuretics		407	197	71	111	28	< 0.0001
MACE in follow-up		783	487	113	148	35	< 0.0001
MI in follow-up		293	203	43	39	8	0.72
CVA in follow-up		75	54	7	12	2	0.58
CHF in follow-up		374	203	67	82	22	< 0.0001
Sudden death		40	17	8	12	3	0.58

BMI: body mass index; CABG: coronary artery bypass grafting; CHF: congestive heart failure; CKD: chronic kidney disease; CVA: cerebrovascular accident; HF: heart failure; LVEF: left ventricle ejection fraction; MACCE: major adverse cardiac and cerebrovascular events; MI: myocardial infarction; OAs: oral anticoagulants;