

Table S1. Available Data 1

hr	nyha	nyha_dic	scholarity	age	lvef	gender	etiol	smok	packyears	height	weight	bmi	hipert	diabete	yslipidemi	atrialfyb	crt	ami	renaldis	stroke	cancer	ACI	ARB	Statins	Other anti	Nitrates	Betablock	Antiarrhytl	Antiplatelt	Anticoagul	Digitalis	Diuretics	
55770577	2	1	2	62	2	0	2	0	4	1.57	79	2	1	1	1	0	0	0	0	0	0	0	0	1	1	0	1	0	1	0	0	1	
55777324	3	2		51	1	1	2	0	105	1.7	134	2	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	
55481870	3	2	2	50	1	1	2	0	0	1.7	93	2	1	1	1	0	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	1	
55788469	3	2	2	54	1	1	2	0	0	1.63	74	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	
55760743	2	1	2	76	1	1	1	0	55	1.6	100	2	1	0	1	0	0	1	1	1	0	0	0	1	1	1	0	1	0	1	0	0	1
55790116	3	2	2	46	1	1	2	0	0	1.78	91	1	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	1	
55390394	3	2	1	54	1	1	2	0	0	1.73	89	1	1	1	1	0	0	1	1	0	1	1	0	1	1	1	1	0	1	0	0	1	
5086459C	3	2	2	63	1	1	2	0	0	1.86	72	1	1	1	1	1	0	0	0	0	0	1	0	1	0	0	1	1	0	1	0	1	
55785739	1	1	2	67	1	1	2	0	0	1.72	79	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1
55775622	3	2	1	66	1	1	1	0	42	1.7	86	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1	0	0	1
53742635	1	1	2	54	2	1	2	0	0	1.7	65	1	1	1	0	0	0	0	1	0	0	0	0	1	1	0	0	1	0	1	0	0	1
55706936	3	2	2	69	1	0	2	0	0	1.55	68	1	0	1	1	0	1	0	0	0	0	0	1	1	1	0	0	1	0	0	0	1	1
55613740	2	1	2	30	2	0	2	0	10	1.65	73	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1
55770092	2	1	2	40	1	0	2	0	0	1.6	82	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
5352913K	1	1	2	54	2	0	2	0	0	1.48	55	1	0	1	0	0	1	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	1
55788080	1	1	2	47	2	1	2	0	35	1.82	100	2	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	1
2979371I	1	1	2	64	1	1	2	0	0	1.63	65	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1
55603816	3	2		68	1	1	2	0	41	1.88	96	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	1	0	0	1
55710514	3	2	2	65	1	0	2	0	0	1.68	80	1	1	0	0	1	2	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	1
55789620	2	1	2	64	2	1	2	0	0	1.64	77	1	1	1	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	1	0	0	1
77081413	2	1	2	70	1	1	1	0	0	1.85	84	1	1	1	0	0	2	1	1	0	0	0	1	0	1	1	1	1	0	0	0	0	1
55790461	3	2	1	63	1	0	2	0	0	1.46	54	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	1	1	
55613421	3	2	1	56	2	1	2	0	0	1.7	89	2	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	1
55790914	3	2	1	58	2	1	2	0	0	1.68	60	1	0	1	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	0	0	1
55746283	3	2	2	65	2	0	2	0	0	1.7	70	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	1
55776979	2	1	2	54	1	0	2	1	40	1.55	50	1	1	0	1	0	0	0	0	0	0	0	0	1	0	1	1	1	0	1	0	0	1
55783321	4	2	2	59	1	1	1	0	40	1.73	78	1	1	0	0	0	0	1	0	0	0	0	1	0	1	1	1	1	0	0	1	0	1
2608935F	1	1	1	51	1	1	2	0	5	1.8	73	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1
55609570	3	2	2	37	1	0	2	0	0	1.68	102	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	1
90983721	3	2	2	72	1	1	2	0	0	1.88	76	1	1	1	0	1	0	0	0	0	0	1	0	1	0	0	1	0	0	0	1	0	1
55786816	3	2	1	76	2	1	2	0	4	1.74	82	1	0	1	1	1	0	0	0	0	0	0	1	0	1	0	0	1	0	0	1	0	1
55587351	1	1		50	1	1	2	0	0	1.73	89	1	1	0	0	1	0	0	1	0	0	0	1	1	0	0	1	0	0	0	0	0	1
55789533	3	2	2	62	2	0	2	0	80	1.6	90	2	1	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
55384334	1	1	2	69	2	1	1	0	40	1.73	85	1	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	1	0	1	0	0	1
55784026	3	2	2	37	1	1	1	0	0	1.72	91	2	1	0	0	0	0	1	0	0	0	0	1	0	1	1	1	1	0	1	0	0	1
55790032	3	2		50	2	1	2	0	0	1.81	78	1	1	0	0	1	0	0	0	0	0	1	0	0	0	1	1	1	0	0	1	0	1
2835602B	1	1	2	49	1	1	2	0	0	1.68	121	2	1	0	0	0	1	1	0	0	0	0	1	1	1	1	1	1	0	0	1	0	1
55770226	3	2	1	75	2	1	1	0	0	1.63	72	1	1	1	1	0	0	0	1	0	0	0	1	0	1	0	0	1	0	1	0	0	1
55783548	3	2	2	47	1	1	2	0	1	1.76	106	2	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	1
55789369	3	2	1	63	1	0	2	0	10	1.75	80	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1
55785302	2	1	2	62	1	0	2	0	30	1.6	90	2	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	1
55780493	3	2	2	56	1	1	2	0	20	1.76	80	1	0	1	1	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	0	0	1
55791505	1	1		69	2	1	2	0	0	1.9	75	1	1	1	1	0	0	0	1	0	0	0	0	1	1	0	0	0	0	1	0	0	1
55744562	1	1	2	64	1	1	2	0	40	1.74	67	1	1	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1
55542539	3	2	2	51	1	1	2	0	0	1.72	77	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	1
90234540	3	2	2	53	1	1	2	0	20	1.78	85	1	1	1	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	0	0	1
55779955	3	2	2	48	1	1	2	0	0	1.85	105	2	1	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1
55789662	4	2	2	42	2	0	1	0	0	1.79	70	1	0	1	0	0	0	1	0	0	0	0	0	0	1	1	1	1	0	0	1	0	1
55746164	2	1	2	50	1	1	1	0	13	1.75	84	1	0	0	0	0	2	1	0	0	0	0	1	0	1	0	0	1	0	1	1	0	1
55589616	2	1	2	63	1	1	1	0	0	1.7	95	2	1	1	0	0	0	2	1	0	0	0	1	0	1	1	1	1	1	0	0	0	1
55776882	3	2		69	2	0	1	0	20	1.71	73	1	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	1	0	1	0	0	1
55783641	1	1	1	66	2	0	2	0	0	1.5	68	2	1	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	1	0	0	1
55397926	3	2	2	65	2	0	2	0	0	1.7	71	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	0	1	0	1
88240238	3	2	2	44	2	0	1	0	20	1.65	72	1	0	1	0	0	0	1	0	0	0	0	1	0	1	0	0	1	0	0	1	0	1
55782692	2	1		56	1	1	1	0	0	1.73	100	2	1	0	0	1	0	1	0	0	0	0	1	0	1	0	0	1	1	0	1	1	1
55775827	1	1	1</																														

hr	nyha	nyha_dic	scholarity	age	lvef	gender	etiol	smok	packyears	height	weight	bmi	hipert	diabete	yslipidemi	atrialfyb	crt	ami	renaldis	stroke	cancer	ACI	ARB	Statins	Other anti	Nitrates	Betablock	Antiarrhytl	Antiplatelt	Anticoagul	Digitalis	Diuretics		
55612119	3	2	2	62	1	1	1	0	6	1.63	70	1	0	1	0	0	0	1	1	0	0	0	1	0	1	0	0	1	0	1	0	1		
13701232	2	1	2	64	1	1	1	0	90	1.65	79	1	0	0	1	0	0	1	0	0	0	0	0	1	1	0	0	1	0	1	0	1		
55790931	2	1	55790931	68	2	1	1	0	0	1.68	88	2	1	0	1	0	0	0	0	0	0	0	1	0	1	0	1	1	1	0	0	1		
55782703	1	1		61	1	1	2	0	0	1.7	85	1	1	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	1		
55767433	3	2	1	69	2	0	1	0	0	1.59	49	1	1	0	0	1	1	0	0	1	0	1	0	1	0	0	1	0	0	1	1	1		
55783080	3	2	2	46	2	0	1	0	0	1.7	88	2	1	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	1	0	0	1	
55789845	2	1	2	45	1	1	2	0	42	1.8	87	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	
3032151E	2	1	2	57	1	1	2	1	40	1.82	67	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	1	0	1	0	1	
55775470	3	2	2	55	1	1	2	0	100	1.9	113	2	1	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	1	
55786707	3	2	2	47	1	1	1	0	10	1.9	92	1	1	1	0	0	0	1	0	0	0	0	0	1	1	1	1	1	0	1	0	1	1	
55755812	3	2	2	75	2	0	2	0	0	1.53	58	1	1	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0	0	0	0	1	
55774371	2	1	1	71	2	0	2	0	0	1.52	68	1	1	1	1	0	0	1	0	0	1	0	1	1	1	0	0	1	0	0	0	0	1	
55601087	2	1	1	65	1	0	2	0	0	1.66	65	1	1	1	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	1	0	1	
3101067E	3	2	2	53	1	0	2	0	0	1.68	62	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	
55777332	3	2	2	49	2	0	2	0	25	1.5	63	1	1	1	0	0	1	0	0	0	0	0	1	0	1	0	0	1	0	0	0	1	1	
33569184	3	2	1	69	1	0	2	0	118	1.6	65	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	
55764026	1	1	2	64	1	0	2	0	10	1.43	43	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	
55569349	3	2	1	68	2	0	1	0	0	1.7	73.5	1	1	1	1	1	0	1	0	0	0	0	0	1	1	1	0	0	1	0	1	0	1	
55788219	2	1	2	51	1	0	2	0	0	1.57	64	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	1	0	1	1	
5142060K	3	2	2	64	2	0	2	0	0	1.7	80	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	1	
55764014	3	2	1	63	1	0	2	0	0	1.55	64	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	0	0	1	
55604288	3	2	1	73	2	0	1	0	0	1.58	54	1	1	0	0	0	0	1	0	0	0	1	0	1	0	0	1	0	1	0	0	0	1	
15128349	1	1	2	68	2	1	1	1	25	1.75	66	1	1	1	0	0	0	1	0	0	0	0	1	0	1	0	0	1	0	1	0	0	0	
55443214	4	2	2	66	2	0	1	0	0	1.6	60	1	1	1	1	0	0	1	1	0	0	0	0	1	1	1	0	1	0	1	0	0	1	
55788727	3	2	2	45	1	1	1	0	6	1.8	94	1	1	0	0	1	0	1	0	0	0	0	1	0	1	0	0	1	1	0	1	1	1	
55787575	1	1	2	56	2	1	1	0	0	1.7	92	2	0	1	0	0	0	1	0	0	0	0	1	0	1	0	0	1	0	1	0	0	1	
55748411	1	1	1	50	1	1	2	0	0	1.8	100	2	1	1	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	0	1	
5295663I	3	2	1	53	1	1	2	0	12	1.65	60	1	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	1	0	0	1	1	1	
55788277	3	2	2	63	2	0	1	1	46	1.65	70	1	1	0	1	0	0	1	0	0	0	0	1	0	1	0	0	1	0	1	0	0	1	
55606634	3	2	55768059	66	2	0	2	0	0	1.77	79	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	1	
55768059	3	2		66	1	1	2	0	35	1.77	98	2	1	0	1	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	
2651794B	3	2	2	68	2	1	2	0	0	1.65	46	1	0	0	0	1	2	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	1	
55748108	3	2	2	64	1	1	2	0	60	1.75	95	2	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	1	
55791784	2	1	2	67	1	1	2	0	0	1.77	68	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	1	0	0	1	
55785679	3	2	2	53	1	1	2	0	0	1.6	65	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	
55779636	2	1	1	61	1	1	2	0	2,5	1.78	80	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	
55776576	3	2	2	38	1	0	1	0	7,5	1.75	72	1	1	0	1	0	0	1	0	0	0	0	1	0	1	1	1	1	0	1	0	0	1	
55784190	3	2	2	46	1	1	2	0	0	1.7	75	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	1	
55592064	2	1	2	39	1	0	2	0	0	1.5	60	1	1	0	1	0	2	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	1	
55776342	2	1	2949097E	36	2	0	1	0	0	1.87	80	1	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	1	0	1	
2949097E	3	2		78	1	0	2	0	0	1.45	50	1	1	1	1	0	1	0	0	0	0	0	0	1	1	1	0	1	0	1	0	1	1	
55772440	2	1	2	30	2	1	2	0	0	1.63	53	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	
2955647J	3	2	1	56	2	1	2	0	0	1.84	73	1	0	0	0	1	2	0	0	0	0	0	0	1	0	0	0	1	1	0	1	0	1	
55583776	2	1	2	58	2	1	1	0	0	1.7	75	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	
55790131	3	2	2	75	1	1	1	0	0	1.85	110	2	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	0	1		
55786416	1	1	2	52	1	1	1	0	0	1.87	102	1	0	1	1	1	0	1	0	0	0	0	1	0	0	1	0	0	1	0	0	1	1	
5252340C	1	1	2	52	1	1	2	1	3,75	1.78	98	2	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	1	1	
13981413	3	2	2	68	2	0	1	0	0	1.6	70	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	1
55779073	3	2	2	65	1	1	2	0	60	1.7	117	2	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	1	
55464972	2	1	2	70	1	1	1	0	0	1.69	87	2	1	0	1	0	0	1	1	0	0	0	1	0	1	1	1	1	0	1	0	0	1	
55779649	3	2	2	63	1	1	2	0	0	1.55	87.5	2	1	1	1	1	0	0	0	0	0	0	1	0	1	1	1	1	1	0	1	0	1	
55787210	3	2	2	63	1	1	2	0	0	1.7	80	1	1	0	1	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	1	0	1	
90358770	1	1	2	59	2	0	2	0	0	1.62	58	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	1	
55771193	3	2	2	40	1	0	2	0	3	1.53	102	2	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	
55522343	3	2	2	58	1	1	1	0	0	1.7	70	1	1	0	0	0	2	0	0	0														

k_1a	k_1b	k_1c	k_physlim	k_2	k_3	k_4	k_5	k_symp	k_6	k_7	k_gol	k_8a	k_8b	k_8c	k_soclim	k_tot	k_dic	k_quart	m_1	m_2	m_3	m_4	m_5	m_6	m_7	m_8	m_9	m_10	m_11	m_12	m_13	m_14	m_15	m_16	m_17	m_18	m_19	m_20	m_21	m_fis	m_emo	m_tot	m_dic	m_quart			
3	3	1	33	5	4	7	5	88	4	3	63	3	3	5	67	63	2	3		5	5	5	0	0	0	0	5	5	5	5	5	4	0	0	0	5	5	5	5	4	24	24	68	2	3		
3	2	2	33	1	2	1	5	29	1	2	13	2	2		25	25	1	2		2	5	5	5	0	5	5	5	5	5	2	3	5	5	3	2	3	4	5	35	21	83	2	4				
1	1	1	0	4	1	7	5	69	1	1	0	1	1	1	0	17	1	1		2	5	5	5	5	0	5	5	5	5	2	3	5	5	3	2	3	4	5	35	21	83	2	4				
4	3	2	50	5	2	6	5	75	2	2	25	2	2	2	25	44	1	2																													
5	3	4	75	5	5	7	5	92	4	3	63	5	2	2	50	70	2	3																													
3	2	2	33	4	2	4	2	46	2	2	25		1	3	25	32	1	2																													
4	2	1	33	2	2	4	1	23	3	1	25	1	3	3	25	27	1	2																													
4	5	1	58	5	2	7	5	79	1	3	25	1	1		0	41	1	2		0	0	5	4	3	0	5	5	5	3	2	4	0	5	0	0	3	4	0	4	23	11	57	2	3			
5	5	5	100	5	7	7	5	100	5	5	100	5	5	5	100	100	2	4		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1				
2	3	1	25	1	1	1	5	25	1	1	0	2	1	1	8	15	1	1		5	5	5	5	5	4	5	5	5	5	5	5	0	0	0	5	5	5	4	4	44	23	87	2	4			
5	5	5	100	5	7	7	5	100	5	5	100	5	5	5	100	100	2	4																													
3	3	2	42	5	4	6	5	83	2	1	25	3	2	2	25	41	1	2																													
2	3	1	25	3	4	4	3	50	2	2	25	3	2	2	33	33	1	2		5	5	5	5	5	5	5	5	5	5	5	5	5	3	5	5	5	2	2	45	19	97	2	4				
5	3		75	4	5	7	5	85	5	3	75	2	2		58	56	2	4																													
5	5	3	83	3	7	7	5	88	5	3	75	3	3	5	67	78	2	4		3	0	5	0	0	0	0	5	0	0	3	3	0	0	0	0	0	3	3	0	14	6	25	1	1			
5	3	2	58	3	5	5	5	71	4	3	63	4	4	5	83	69	2	3		0	0	4	4	3	0	0	5	4	2	4	4	3	0	4	0	3	2	4	3	4	18	16	53	2	3		
5	5	5	100	5	6	6	5	92	5	4	88	4	3	5	75	89	2	4		5	5	5	5	5	4	5	5	5	5	5	5	5	0	0	0	5	5	5	5	5	5	44	25	89	2	4	
3	1	1	17	5	2	2	2	40	2	2	25	3	2	1	25	27	1	2		5	5	5	5	5	4	5	5	5	5	5	5	5	5	0	0	0	5	5	5	5	5	5	44	25	89	2	4
2	2	1	17	5	1	1	2	31	2	2	25	3	2	1	25	24	1	1																													
5	3	2	58	3	4	3	5	58	3	3	50	3	3	4	58	56	2	3																													
5	4	3	75	4	5	4	5	73	4	3	63	4	3		63	68	2	3		2	3	2	1	0	5	5	5	2	2	5	2	3	0	5	5	3	2	5	4	5	23	19	66	2	3		
2	2	2	25	5	1	4	2	44	2	1	13	2	2		25	27	1	2																													
3	2	1	25	3	2	2	2	27	1	1	0	1	2	1	8	15	1	1		3	4	4	4	5	4	5	5	5	5	4	4	4	5	5	5	5	5	5	5	5	37	25	95	2	4		
4	2		50	1	3	3	1	17	2	1	13	2	2	2	25	26	1	2		0	3	5	3	4	3	0	0	5	4	3	4	2	0	0	3	0	1	5	0	3	24	9	48	1	2		
4	2	2	42	5	4	3	3	58	3	3	50	3	3	5	67	54	2	3		0	3	5	3	4	3	0	0	5	4	3	4	2	0	0	3	0	1	5	0	3	24	9	48	1	2		
5	4	1	58	5	7	7	5	100	5	5	100	5	5		100	90	2	4		5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	0	3	5	5	5	45	18	93	2	4		
2	1	1	8	1	1	1	1	0	1	1	0	1	1	1	0	2	1	2																													
5	5	5	100	5	7	7	5	100	5	4	88	5	5	5	100	97	2	4		5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	0	3	5	5	5	5	45	18	93	2	4
3	3	1	33	3	2	2	5	46	4	3	63	3	1	3	33	44	1	2		3	5	5	5	3	4	0	5	5	4	3	5	5	0	5	3	4	5	5	35	23	83	2	4				
5	5	1	67	4	1	3	1	27	2	2	25	2	1	1	8	32	1	2		0	0	3	0	0	0	0	0	5	0	2	0	0	0	0	0	0	3	0	0	5	3	13	1	1			
5	3	2	58	5	5	5	5	83	5	3	75	3	3	3	50	67	2	3		0	0	4	4	4	0	0	5	5	5	0	0	0	0	0	0	0	0	4	0	12	4	31	1	2			
5	5	4	92	5	7	7	5	100	5	5	100	5	5	5	100	98	2	4		0	0	0	0	0	0	0	1	0	1	0	1	0	2	1	0	0	0	0	0	1	0	6	6	1	1		
3	1		25	5	2	7	5	79	2	1	13	2	1		13	32	1	2																													
5	5	4	92	5	5	5	5	83	4	3	63	3	3	3	2	42	70	2	3		0	3	3	0	0	0	0	3	5	0	3	3	0	0	0	0	0	0	0	3	12	3	23	1	1		
5	2	1	42	3	4	2	3	33	2	1	13	2	2	2	33	30	1	2																													
5	2	2	50	2	1	1	1	6	1	1	0	1	1	1	0	14	1	1		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	45	25	105	2	4			
5	3	3	67	5	6	6	5	92	3	3	50	3	3	3	50	65	2	3		0	0	1	1	0	0	2	0	2	1	0	1	0	1	1	0	1	0	0	4	2	13	1	1				
3		2	38	2	4	3	3	40	5	3	75	2	2	2	25	44	1	2		3	5	4	5	4	3	3	5	3	4	5	1	3	0	0	3	0	1	2	0	0	31	3	54	2	3		
3				1	5	1	5	42	2	1	13	1	1	1	6	42	32	1	2																												
4	2	1	33	5	6	7	5	96	2	2	25	3	1	2	25	45	1	2																													
3	2		38	4	4	6	5	77	3	1	25	1	2	2	17	39	1	2																													
2	3	2	33	5	2	2	2	40	3	5	75	3	3	3	42	47	1	2																													
3				5	7	7	5	100	5	5	100	5	5		100	100	2	4		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1			
3	5	3	67	3	5	7	3	67	3	2	38	3	3	4	58	57	2	3		4	3	2	3	4	3	3	4	3	3	3	4	3	2	4	2	4	4	1	1	29	14	64	2	3			
3	3	3	50	5	5	5	3	71	3	3	50	3	2		38	52	2	3		0	2	4	3	4	5	4	3	2	4	4	3	2	4	5	3	0	2	4	3	4	27	13	65	2	3		
3	2	2	33	4	2	2	1	27	1	3	25	1	1	1	0	21	1	1		5	5	5	5	4	5	4	5	5	5	5	5	0	3	3	4	5	3	5	43	20	89	2	4				
2	2		25	2	2	2	1	15	2	2	25	2	1																																		

	k_1b	k_1c	k_hybrid	k_2	k_3	k_4	k_5	k_symp	k_6	k_7	k_8	k_8a	k_8b	k_8c	k_sodium	k_7tot	k_dic	k_quart	m_1	m_2	m_3	m_4	m_5	m_6	m_7	m_8	m_9	m_10	m_11	m_12	m_13	m_14	m_15	m_16	m_17	m_18	m_19	m_20	m_21	m_fis	m_emo	m_tot	m_dlc	m_quart	
1	3	1	2	58	5	5	6	5	88	4	3	63	4	4	75	71	2	3	1	0	2	0	0	0	0	0	0	0	0	5	0	0	0	10	0	0	0	0	0	21	4	26	1	1	
2	4	2	42	5	5	7	3	79	3	3	50	3	3	4	58	57	2	3	0	0	2	0	2	4	3	4	2	3	0	5	2	0	0	0	0	0	2	2	0	21	4	36	1	2	
3	3	1	33	5	3	2	5	63	3	2	50	3	2	2	33	42	1	2	0	5	5	4	5	5	0	5	5	5	3	5	3	5	0	0	2	0	5	5	32	15	72	2	3		
3	4	1	33	5	2	5	5	58	3	3	42	3	2	4	58	52	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	3	1	50	3	4	4	5	63	3	3	50	3	3	3	50	53	2	3	4	5	4	4	4	3	0	3	3	3	0	0	3	4	0	0	0	0	3	4	0	27	7	47	1	2	
4	3	1	42	5	4	4	1	50	3	3	50	3	3	3	50	47	1	2	0	5	5	4	4	3	4	0	0	3	0	2	3	4	0	2	0	0	0	4	5	4	28	13	48	1	2
3	3	2	42	5	5	5	5	83	3	3	50	3	4	5	75	63	2	3	0	0	3	3	3	3	0	4	3	0	5	5	0	0	0	0	0	0	0	0	0	22	0	32	1	2	
5	4	2	88	5	5	7	5	92	4	4	75	5	4	4	83	84	2	4	0	0	2	0	0	0	0	0	0	1	0	0	3	0	5	0	0	0	2	1	2	5	5	16	1	1	
1	1	1	0	5	2	1	1	33	2	2	0	1	1	1	0	15	1	1	5	5	5	2	3	5	4	5	5	5	3	5	5	4	3	3	3	3	5	2	3	39	16	83	2	4	
2	2	1	17	2	2	1	1	25	1	1	2	1	1	1	8	13	1	1	0	1	2	2	2	1	1	1	5	2	5	5	2	2	0	4	5	5	5	3	2	13	20	59	2	3	
4	4	2	58	5	4	5	5	79	4	3	63	2	2	1	17	54	2	3	1	3	3	2	3	3	3	2	2	3	2	3	3	2	3	3	2	3	3	23	14	55	2	3			
5	3	3	67	2	5	5	3	52	4	3	63	2	4	4	58	60	2	3	1	3	3	2	3	3	3	3	2	2	3	2	3	3	2	3	3	3	3	23	14	55	2	3			
3	3	1	33	4	1	1	1	19	2	2	25	2	3	3	42	30	1	2	2	5	5	4	4	5	4	5	4	5	4	4	5	1	4	5	5	4	5	5	4	38	23	90	2	4	
3	2	2	33	3	2	3	5	50	3	3	50	2	2	2	25	40	1	2	0	0																									

Table S2. Available Data 2

Subtitle				
data not collected or missing				
sex:	0 female 1 male	hr: hospital record nyha_dic: nyha dicotomizado nyha: New York Heart Association	k_1a question 1a of KCCQ-12 k_1b question 1b of KCCQ-12 k_1c question 1c of KCCQ-12	m_1 question 1 of MLHFQ m_2 question 2 of MLHFQ m_3 question 3 of MLHFQ
etiol	1 ischemic 2 non-ischemic	bmi: body index mass hipert: hipertensão arterial sistêmica diabete: diabetes mellitus	k_physlim Score of the domain - Physical Limitation k_2 question 2 of KCCQ-12 k_3 question 3 of KCCQ-12	m_4 question 4 of MLHFQ m_5 question 5 of MLHFQ m_6 question 6 of MLHFQ
smok	0 non-smoker or ex-smoker 1 active smoker	atrialfyb: atrial fibrillation ami: ainfarto agudo do miocardio renaldis: doença renal crônica	k_4 question 4 of KCCQ-12 k_5 question 5 of KCCQ-12 k_symp Score of the domain - Symptoms	m_7 question 7 of MLHFQ m_8 question 8 of MLHFQ m_9 question 9 of MLHFQ
comorbidities	0 no 1 yes	KCCQ - 12: Kansas city cardiomyopathy questionnaire-12 MLHFQ: minnesota living heart failure questionnaire ACI: Angiotensin-converting enzyme inhibitors	k_6 question 6 of KCCQ-12 k_7 question 7 of KCCQ-12 k_qol Score of the domain - Quality of Life	m_10 question 10 of MLHFQ m_11 question 11 of MLHFQ m_12 question 12 of MLHFQ
crt	0 absence of device 1 pacemaker 2 implantable cardioverter-defibrillator	ARB: Angiotensin receptor blockers Other antihyp: Other antihypertensive drugs QoL: Quality of Life	k_8a question 8a of KCCQ-12 k_8b question 8b of KCCQ-12 k_8c question 8c of KCCQ-12	m_13 question 13 of MLHFQ m_14 question 14 of MLHFQ m_15 question 15 of MLHFQ
nyha_ajt	1 classes I and II 2 classes III and IV		k_soclim Score of the domain - Social Limitation k_tot escore total do KCCQ-12 k_dic Overall score of KCCQ-12 dichotomized k_quart Overall score of KCCQ-12 divided into quartiles	m_16 question 16 of MLHFQ m_17 question 17 of MLHFQ m_18 question 18 of MLHFQ m_19 question 19 of MLHFQ
lvef	1 LVEF ≤ 30% 2 LVEF >30%			m_20 question 20 of MLHFQ m_21 question 21 of MLHFQ m_tot Overall score of MLHFQ Overall score of MLHFQ
bmi	1 < 30.0kg/m2 2 ≥ 30.0kg/m2			m_dic dichotomized Overall score of MLHFQ
Scholarity:	1 Illiterate or elementary school ≤ 4 years 2 Incomplete elementary school > 4 years or higher level of education			m_quart divided into quartiles m_fis MLHFQ Physical Domain m_emo MLHFQ Emotional Domain
k_dic	1 ≤ 49 pontos (very poor to fair quality of life) 2 ≥ 50 pontos (fair to excellent quality of life)			
k_quart	1 (0-24 pontos -Very poor to poor QoL) 2 (25-49 - Very poor to fair QoL) 3 (50-74 - Fair to good QoL) 4 (75 - 100 - Good to excellent QoL)			
m_dic	1 ≤ 52 pontos (Fair to excellent QoL) 2 ≥ 53 pontos (Very poor to fair QoL)			
m_quart	1 (0-26 pontos - Good to excellent QoL) 2 (27-52 - Fair to good QoL) 3 (53-78 - Fair to poor QoL) 4 (79-105 - Poor to very poor QoL)			