

Supplemental Table 1: Risk of Incident Heart Failure Associated with Different Patterns of Myocardial Infarction in Subgroups

Subgroup		Events		Model 1*		Model 2 [†]		Interaction p-value ^{††}
		Type	N (%)	HR (95%CI)	P-value	HR (95%CI)	P-Value	
Age (year)	≥ 53	No MI (n=4611)	602 (13.1)	1 (ref.)	--	1 (ref.)	--	<.001
		Silent MI (n=191)	37 (19.4)	1.52 (1.09-2.12)	.014	1.19 (0.85-1.66)	.308	
		Clinical MI (n=213)	73 (34.3)	2.88 (2.25-3.69)	<.001	2.42 (1.89-3.11)	<.001	
	<53	No MI (n=3996)	216 (5.4)	1 (ref.)	--	1 (ref.)	--	
		Silent MI (n=114)	17 (14.9)	2.87 (1.75-4.70)	<.001	1.66 (1.00-2.75)	.052	
		Clinical MI (n=118)	31 (26.3)	5.70 (3.85-8.44)	<.001	4.51 (3.04-6.68)	<.001	
Sex	Men	No MI (n=3,544)	359 (10.1)	1 (ref.)	--	1 (ref.)	--	0.093
		Silent MI (n=172)	29 (16.9)	1.64 (1.12-2.40)	.011	1.19 (0.81-1.74)	.396	
		Clinical MI (n=244)	68 (27.9)	2.90 (2.23-3.76)	<.001	2.54 (1.95-3.29)	<.001	
	Women	No MI (n=5,063)	585 (8.6)	1 (ref.)	--	1 (ref.)	--	
		Silent MI (n=133)	39 (16.5)	2.13 (1.42-3.18)	<.001	1.57 (1.05-2.35)	.029	
		Clinical MI (n=87)	89 (31.5)	5.17 (3.68-7.27)	<.001	3.64 (2.58-5.14)	<.001	
Race	White	No MI (n=6,836)	585 (8.6)	1 (ref.)	--	1 (ref.)	--	0.304
		Silent MI (n=236)	39 (16.5)	1.82 (1.32-2.52)	<.001	1.44 (1.04-2.00)	.028	
		Clinical MI (n=283)	89 (31.5)	3.68 (2.93-4.63)	<.001	2.95 (2.35-3.71)	<.001	
	Black	No MI (n=1,771)	233 (13.2)	1 (ref.)	--	1 (ref.)	--	
		Silent MI (n=69)	15 (21.7)	1.85 (1.09-3.13)	.022	1.11 (0.64-1.90)	.719	
		Clinical MI (n=48)	15 (31.3)	2.62 (1.54-4.46)	<.001	2.32 (1.35-3.97)	.002	
Diabetes	Present	No MI (n=620)	160 (25.8)	1 (ref.)	--	1 (ref.)	--	.243
		Silent MI (n=51)	17 (33.3)	1.58 (0.95-2.61)	.077	1.37 (0.82-2.30)	.232	
		Clinical MI (n=48)	22 (45.8)	2.62 (1.65-4.16)	<.001	2.71 (1.71-4.31)	<.001	
	Absent	No MI (n=7925)	646 (8.2)	1 (ref.)	--	1 (ref.)	--	
		Silent MI (n=254)	37 (14.6)	1.71 (1.23-2.38)	.002	1.39 (1.00-1.94)	.053	
		Clinical MI (n=282)	82 (29.1)	3.53 (2.79-4.47)	<.001	2.91 (2.30-3.69)	<.001	
Hypertension	Yes	No MI (n=2280)	364 (16.0)	1 (ref.)	--	1 (ref.)	--	0.270
		Silent MI (n=121)	27 (22.3)	1.52 (1.03-2.26)	.036	1.16 (0.78-1.72)	0.466	
		Clinical MI (n=130)	58 (44.6)	3.69 (2.77-4.91)	<.001	3.51 (2.63-4.66)	<.001	
	No	No MI (n=6691)	453 (7.2)	1 (ref.)	--	1 (ref.)	--	
		Silent MI (n=203)	26 (14.2)	1.95 (1.31-2.90)	.001	1.64 (1.10-2.45)	0.015	
		Clinical MI (n=232)	46 (22.9)	2.90 (2.12-3.96)	<.001	2.30 (1.68-3.15)	<.001	
Body Mass Index (kg/m ²)	≥25	No MI (n=5465)	615 (11.3)	1 (ref.)	--	1 (ref.)	--	0.093
		Silent MI (n=227)	48 (21.2)	1.86 (1.38-2.50)	<.001	1.42 (1.05-1.91)	.022	
		Clinical MI (n=254)	92 (36.2)	3.61 (2.88-4.52)	<.001	3.06 (2.44-3.83)	<.001	
	<25	No MI (n=3138)	202 (6.4)	1 (ref.)	--	1 (ref.)	--	
		Silent MI (n=78)	6 (7.7)	1.28 (0.57-2.89)	.554	0.97 (0.43-2.19)	.936	
		Clinical MI (n=77)	12 (15.6)	2.12 (1.17-3.84)	.013	1.76 (0.97-3.19)	.062	

Heart rate (beat/min)	≥ 60	No MI (n=4432)	455 (10.3)	1 (ref.)	--	1 (ref.)	--	0.815	
		Silent MI (n=162)	30 (18.5)	1.75 (1.21-2.54)	.003	1.40 (0.96-2.03)	.079		
		Clinical MI (n=171)	56 (32.8)	3.34 (2.51-4.44)	<.001	2.97 (2.24-3.95)	<.001		
	<60	No MI (n=4175)	363 (8.7)	1 (ref.)	--	1 (ref.)	--		
		Silent MI (n=143)	24 (16.8)	1.93 (1.27-2.93)	.002	1.29 (0.85-1.98)	.234		
		Clinical MI (n=160)	48 (30.0)	3.54 (2.60-4.82)	<.001	2.75 (2.02-3.77)	<.001		
Smoking	Current	No MI (n=1770)	245 (13.8)	1 (ref.)	--	1 (ref.)	--		0.076
		Silent MI (n=75)	16 (21.3)	1.69 (1.02-2.80)	.044	1.34 (0.80-2.25)	.262		
		Clinical MI (n=95)	32 (33.7)	2.61 (1.79-3.81)	<.001	2.41 (1.64-3.52)	<.001		
	Former	No MI (n=2800)	268 (9.6)	1 (ref.)	--	1 (ref.)	--		
		Silent MI (n=96)	17 (17.7)	1.63 (1.00-2.68)	.051	1.23 (0.75-2.03)	.410		
		Clinical MI (n=124)	36 (29.0)	3.02 (2.12-4.32)	<.001	2.52 (1.77-3.60)	<.001		
	Never	No MI (n=4030)	305 (7.6)	1 (ref.)	--	1 (ref.)	--		
		Silent MI (n=134)	21 (15.7)	2.19 (1.40-3.42)	<.001	1.68 (1.07-2.63)	.023		
		Clinical MI (n=111)	36 (32.4)	4.66 (3.26-6.65)	<.001	3.95 (2.77-5.65)	<.001		

HR=hazard ratio; CI=confidence interval; MI= myocardial infarction

*Model 1 adjusted for age, sex, and race (Subgroup used in stratification is not included in the model).

†Model 2 adjusted for variables in model 1 plus body mass index, smoking status, heart rate, systolic blood pressure, blood pressure lowering medications, and diabetes mellitus (Subgroup used in stratification is not included in the model).

†† Based on model 2