

# **SUPPLEMENTAL MATERIAL**

**Table S1. Hazard ratios (HRs) for cold pressor tolerance (aborted cold pressor test) with no prior myocardial infarction (MI) as reference, by MI status and sex. The Tromsø Study 2007-08.**

	Adjusted for age and sex*		Multivariable adjusted**	
	HR	95% CI	HR	95% CI
<b>Women and Men</b>				
No prior MI (n=4,235)	1.00	-	1.00	-
Prior unrecognized MI(n=387)	0.84	0.68-1.03	0.79	0.63-0.99
Prior recognized MI (n=227)	1.30	1.02-1.65	1.08	0.82-1.43
<b>Women only</b>				
No prior MI (n=2,482)	1.00	-	1.00	-
Prior unrecognized MI(n= 145)	0.84	0.62-1.12	0.78	0.56-1.09
Prior recognized MI (n=49)	1.75	1.21-2.52	1.30	0.81-2.06
<b>Men only</b>				
No prior MI (n=1,753)	1.00	-	1.00	-
Prior unrecognized MI (n=242)	0.83	0.61-1.11	0.79	0.57-1.10
Prior recognized MI (n=178)	1.07	0.78-1.47	1.02	0.72-1.44

\*The analyses of both women and men were adjusted for sex

\*\*Adjusted for sex, age, mean systolic blood pressure, use of blood pressure lowering drugs, diabetes, daily smoking, psychological distress and physical activity.

**Table S2. Characteristics of participants included and excluded from analyses, The Tromsø Study 2007-08.**

	Included (n= 4,849)	Excluded (n=2,457)
<b>Age in years</b>	62 ±9	66 ±10
Women	2,173(45%)	1,489 (60%)
Blood pressure		
Current use of blood-pressure medication	1284 (27%)	792 (32%)
Systolic blood pressure in mmHg	140 ±23	143±24
Hypertension	2,803 (58 %)	1,579 (64%)
Smoking habits		
Current daily smoker	899 (19%)	439 (18%)
Former daily smoker	2,272 (47%)	1,099 (46%)
Never daily smoker	1,621 (34%)	866 (36%)
Diabetes*	342(7%)	192 (8%)
Physical activity		
Sedentary lifestyle (Reading, watching TV)	811 (18%)	468(22%)
Walking, cycling, or other forms of exercise > 4 hours a week	2885 (65%)	1333 (63%)
Participation in recreational sports, heavy gardening, etc. >4 h a week	720 (16%)	339 (16%)

Psychological distress (HSCL-10 score >1.85)

540 (11%)

343 (14%)