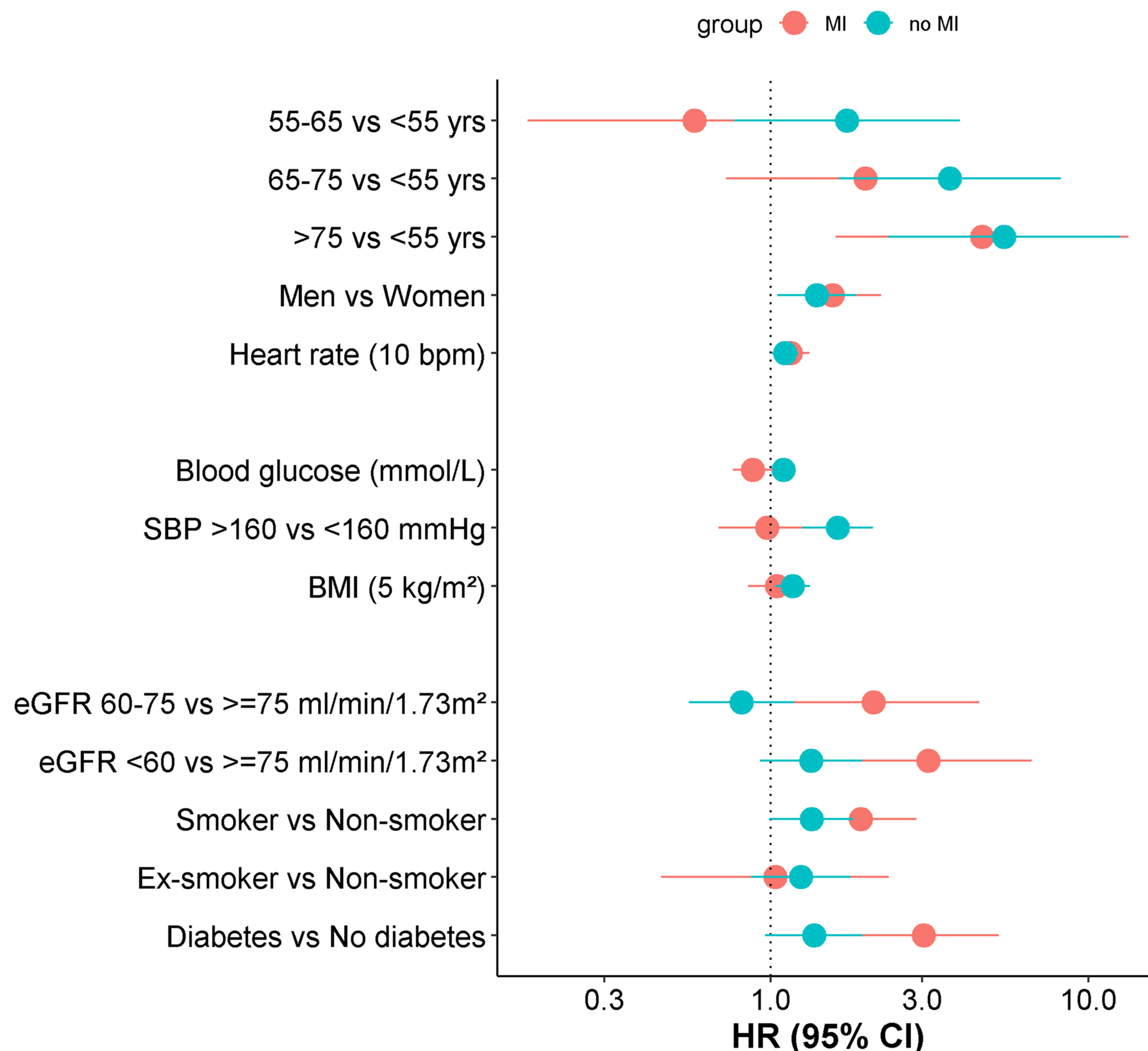


# Predictors of HF onset in patients with or without a history of MI

## Cohorts used in the analysis

In **HOMAGE cohort** (Derivation cohort)  
Participants at high risk of HF (N=26 478)

In **UK BIOBANK** (Validation cohort)  
Population-based cohort (N= 500 001)



	Patients with history of MI HR (95% CI)	Patients without history of MI HR (95% CI)
<b>Age in year</b>	1.04 (1.03-1.05)	1.12 (1.11-1.12)
<b>Male</b>	1.00 (0.83-1.21)	2.06 (1.99-2.13)
<b>HbA1c</b>	1.13 (1.07-1.20)	1.19 (1.17-1.20)
<b>Hypertension</b>	1.14 (1.08-1.22)	1.61 (1.54-1.69)
<b>BMI</b>	1.22 (1.12-1.33)	1.49 (1.46-1.51)
<b>eGFR</b>	0.73 (0.67-0.81)	0.67 (0.66-0.69)
<b>Smoker</b>	1.88 (1.48-2.38)	1.97 (1.87-2.08)
<b>Ex-smoker</b>	1.36 (1.13-1.63)	1.32 (1.27-1.37)
<b>Diabetes</b>	1.50 (1.22-1.84)	1.81 (1.72-1.91)

**Predictors of HF are dependant on MI status:**  
**Blood pressure/hypertension, BMI , Blood glucose/HbA1c**  
 more strongly associated with HF onset in participants without prior MI