

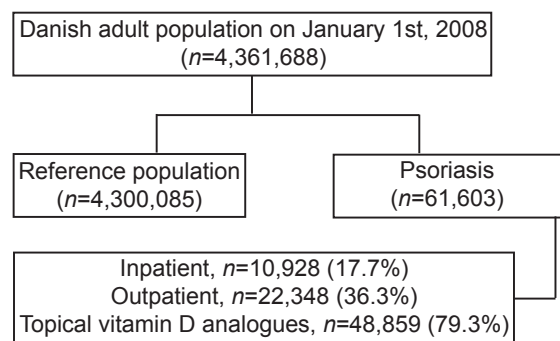


Fig. S1. Sample selection diagram.

Table SI. Crude (unadjusted) hazard ratios (HR) of myocardial infarction associated with psoriasis or psoriatic arthritis (*p*-value < 0.0001)

	Any myocardial infarction	First-time myocardial infarction
	Unadjusted HR (95% CI)	Unadjusted HR (95% CI)
Any psoriasis		
Mild psoriasis	1.48 (1.38–1.58)	1.46 (1.35–1.57)
Severe psoriasis	1.80 (1.60–2.04)	1.79 (1.56–2.05)
Skin disease only		
Mild psoriasis	1.47 (1.37–1.57)	1.45 (1.35–1.57)
Severe psoriasis	1.97 (1.70–2.28)	1.90 (1.61–2.25)
Joint disease		
Psoriatic arthritis	1.57 (1.34–1.83)	1.55 (1.31–1.85)

CI: confidence interval.

Table SII. Full coefficients of adjusted hazard ratios (HR) for risk of myocardial infarction in patients with psoriasis

	Any myocardial infarction		First-time myocardial infarction	
	Adjusted HR (95% CI)	p-value	Adjusted HR (95% CI)	p-value
Any psoriasis				
Mild psoriasis	1.02 (0.96–1.09)	0.5209	1.03 (0.96–1.11)	0.3646
Severe psoriasis	1.21 (1.07–1.37)	0.0023	1.21 (1.05–1.39)	0.0065
Sex	2.01 (1.97–1.37)	<0.0001	2.06 (2.02–2.10)	<0.0001
Age	1.06 (1.06–1.06)	<0.0001	1.07 (1.06–1.07)	<0.0001
Socioeconomic status				
Lowest group	1.04 (1.01–1.07)	0.0029	1.03 (1.00–1.06)	0.0814
Below average	1.02 (1.00–1.05)	0.0891	1.02 (0.99–1.05)	0.1778
Average	(reference)		(reference)	
Above average	0.91 (0.88–0.94)	<0.0001	0.91 (0.88–0.95)	<0.0001
Highest group	0.82 (0.80–0.85)	<0.0001	0.82 (0.79–0.84)	<0.0001
Healthcare consumption	1.01 (1.00–1.02)	0.0314	1.01 (1.00–1.02)	0.0250
Previous CVD	2.18 (2.13–2.22)	<0.0001	1.70 (1.66–1.74)	<0.0001
Smoking	2.07 (2.03–2.11)	<0.0001	2.20 (2.15–2.25)	<0.0001
Alcohol abuse	1.25 (1.21–1.30)	<0.0001	1.27 (1.22–1.32)	<0.0001
Diabetes	1.56 (1.52–1.60)	<0.0001	1.63 (1.60–1.68)	<0.0001
Hypertension	1.32 (1.30–1.35)	<0.0001	1.29 (1.27–1.32)	<0.0001
Statin use	0.99 (0.97–1.02)	0.5331	0.90 (0.88–0.92)	<0.0001

CI: confidence interval; CVD: cardiovascular disease.

TableSIII. Full coefficients of adjusted hazard ratios (HR) for risk of myocardial infarction in patients with cutaneous psoriasis (without psoriatic arthritis)

	Any myocardial infarction		First-time myocardial infarction	
	Adjusted HR (95% CI)	<i>p</i> -value	Adjusted HR (95% CI)	<i>p</i> -value
Skin disease only				
Mild psoriasis	1.01 (0.94–1.08)	0.7881	1.03 (0.95–1.11)	0.4790
Severe psoriasis	1.19 (1.03–1.39)	0.0221	1.15 (0.97–1.37)	0.1028
Sex	2.01 (1.97–2.04)	<0.0001	2.06 (2.02–2.10)	<0.0001
Age	1.06 (1.06–1.06)	<0.0001	1.07 (1.06–1.07)	<0.0001
Socioeconomic status				
Lowest group	1.04 (1.01–1.07)	0.0033	1.03 (1.00–1.06)	0.0853
Below average	1.02 (1.00–1.05)	0.0990	1.02 (0.99–1.05)	0.1896
Average	(reference)		(reference)	
Above average	0.91 (0.88–0.94)	<0.0001	0.91 (0.88–0.94)	<0.0001
Highest group	0.82 (0.80–0.85)	<0.0001	0.82 (0.79–0.84)	<0.0001
Healthcare consumption	1.01 (1.00–1.02)	0.0570	1.01 (1.00–1.02)	0.0351
Previous CVD	2.18 (2.13–2.22)	<0.0001	1.70 (1.66–1.74)	<0.0001
Smoking	2.07 (2.03–2.11)	<0.0001	2.20 (2.15–2.25)	<0.0001
Alcohol abuse	1.25 (1.21–1.30)	<0.0001	1.27 (1.22–1.32)	<0.0001
Diabetes	1.56 (1.52–1.60)	<0.0001	1.63 (1.58–1.68)	<0.0001
Hypertension	1.32 (1.30–1.35)	<0.0001	1.29 (1.27–1.32)	<0.0001
Statin use	0.99 (0.97–1.01)	0.5154	0.90 (0.87–0.92)	<0.0001

CI: confidence interval; CVD: cardiovascular disease.

Table SIV. Full coefficients of adjusted hazard ratios (HR) for risk of myocardial infarction in patients with psoriatic arthritis

	Any myocardial infarction		First-time myocardial infarction	
	Adjusted HR (95% CI)	<i>p</i> -value	Adjusted HR (95% CI)	<i>p</i> -value
Joint disease				
Psoriatic arthritis	1.22 (1.05–1.43)	0.0116	1.23 (1.04–1.47)	0.0177
Sex	2.01 (1.97–2.05)	<0.0001	2.06 (2.02–2.10)	<0.0001
Age	1.06 (1.06–1.06)	<0.0001	1.07 (1.06–1.07)	<0.0001
Socioeconomic status				
Lowest group	1.04 (1.01–1.07)	0.0049	1.03 (1.00–1.06)	0.0904
Below average	1.02 (1.00–1.05)	0.1126	1.02 (0.99–1.05)	0.2138
Average	(reference)		(reference)	
Above average	0.91 (0.88–0.94)	<0.0001	0.91 (0.88–0.95)	<0.0001
Highest group	0.82 (0.79–0.85)	<0.0001	0.81 (0.79–0.84)	<0.0001
Healthcare consumption	1.01 (1.00–1.02)	0.0087	1.01 (1.00–1.02)	0.0113
Previous CVD	2.17 (2.13–2.22)	<0.0001	1.70 (1.66–1.74)	<0.0001
Smoking	2.08 (2.04–2.12)	<0.0001	2.21 (2.16–2.26)	<0.0001
Alcohol abuse	1.26 (1.21–1.31)	<0.0001	1.28 (1.23–1.33)	<0.0001
Diabetes	1.55 (1.51–1.60)	<0.0001	1.63 (1.58–1.68)	<0.0001
Hypertension	1.33 (1.30–1.35)	<0.0001	1.30 (1.27–1.33)	<0.0001
Statin use	0.99 (0.97–1.02)	0.5318	0.90 (0.87–0.92)	<0.0001

CI: confidence interval; CVD: cardiovascular disease.