

Table SI. Incidence proportion (IP) and odds ratio (OR) for psoriasis in Tromsø 5 (2001) or Tromsø 6 (2007–2008) by body mass index (BMI, kg/m²) in current non-smokers and current smokers at baseline, Tromsø 4 (1994 to 1995); n = 8,752 in age-adjusted model and n = 8,387 in multivariable model

	Women				Men				OR (95% CI) ^a				OR (95% CI) ^b						
	Cases		IP		Total		Cases		IP		Total		Women		Men		Total population		
	n	n	%	%	n	n	n	%	n	n	%	%	n	n	n	%	n	%	
Non-smoker	3,060	105	3.4	3.9	2,821	111	3.9		1.08 (0.96, 1.21)	1.14 (0.99, 1.33)	1.11 (1.01, 1.22)	1.03 (0.95, 1.13)	1.16 (0.99, 1.35)	1.12 (1.02, 1.23)					
BMI, cont. ^c	1,671	52	3.1	3.6	1,103	40	3.6		1.0 (Ref.)	1.0 (Ref.)	1.0 (Ref.)	1.0 (Ref.)	1.0 (Ref.)	1.0 (Ref.)					
BMI category ^d	1,002	32	3.2	3.8	1,434	55	3.8		0.94 (0.60, 1.49)	1.09 (0.72, 1.66)	1.03 (0.76, 1.40)	0.91 (0.57, 1.46)	1.07 (0.69, 1.64)	1.01 (0.74, 1.38)					
<25	387	21	5.4	5.6	284	16	5.6		1.61 (0.95, 2.75)	1.64 (0.90, 2.99)	1.66 (1.12, 2.47)	1.62 (0.93, 2.82)	1.72 (0.93, 3.16)	1.71 (1.13, 2.56)					
BMI threshold	2,420	75	3.1	3.5	2,162	75	3.5		1.0 (Ref.)	1.0 (Ref.)	1.0 (Ref.)	1.0 (Ref.)	1.0 (Ref.)	1.0 (Ref.)					
<28	640	30	4.7	5.5	659	36	5.5		1.42 (0.91, 2.22)	1.64 (1.09, 2.48)	1.56 (1.15, 2.10)	1.47 (0.93, 2.32)	1.71 (1.13, 2.59)	1.62 (1.19, 2.20)					
≥28	1,528	109	7.1	6.2	1,343	84	6.2		1.05 (0.93, 1.19)	1.06 (0.90, 1.26)	1.05 (0.95, 1.16)	1.06 (0.93, 1.21)	1.06 (0.90, 1.25)	1.05 (0.94, 1.16)					
Smoker	994	68	6.8	6.7	647	43	6.7		1.0 (Ref.)	1.0 (Ref.)	1.0 (Ref.)	1.0 (Ref.)	1.0 (Ref.)	1.0 (Ref.)					
BMI, cont. ^c	425	34	8.0	5.9	577	34	5.9		1.20 (0.77, 1.85)	0.86 (0.54, 1.38)	0.99 (0.73, 1.38)	1.21 (0.77, 1.91)	0.89 (0.56, 1.42)	1.01 (0.73, 1.40)					
BMI category ^d	109	7	6.4	5.9	119	7	5.9		0.95 (0.42, 2.13)	0.87 (0.38, 1.98)	0.89 (0.50, 1.58)	1.09 (0.48, 2.47)	0.79 (0.33, 1.90)	0.89 (0.49, 1.61)					
BMI threshold	1,308	92	7.0	6.0	1,071	64	6.0		1.0 (Ref.)	1.0 (Ref.)	1.0 Ref.	1.0 (Ref.)	1.0 (Ref.)	1.0 (Ref.)					
<28	220	17	7.7	7.4	272	20	7.4		1.11 (0.65, 1.91)	1.23 (0.73, 2.07)	1.15 0.79, 1.67	1.26 (0.73, 2.18)	1.23 (0.72, 2.10)	1.21 (0.83, 1.78)					
≥28																			

^aWomen and men: age-adjusted logistic regression model; Total population: age- and sex-adjusted logistic regression model. ^bWomen and men: multivariable logistic regression model including age, daily alcohol intake, and recreational physical activity score; Total population: Additionally adjusted for sex. ^cBMI continuous variable; per 2.5 units increase. ^dBMI category according to World Health Organization (WHO) with underweight and normal weight combined (< 25 kg/m²). 95% CI: 95% confidence interval.