

Supplementary table 1

List of variables available from the baseline assessment interviews in the Danish Skin Cohort

Variable	Type	Choice	Details
Height	Continuous	Single	Centimetres
Weight	Continuous	Single	Kilograms
Smoking	Categorical	Single	Current daily smoker Current non-daily smoker Former smoker Never smoker
Alcohol use	Continuous	Single	Units of alcohol per week
Alcohol use	Categorical	Single	AUDIT-C for alcohol, questionnaire (multiple questions, one variable for each question)
Skin type	Categorical	Single	Fitzpatrick skin types 0-6
Leisure time activity level	Ordinal	Single	Athletic Vigorous Moderate Sedentary
Joint pain within last 7 days	Interval	Single	Numeric Rating Scale (0 to 10)
Skin pain within last 7 days	Interval	Single	Numeric Rating Scale (0 to 10)

Skin pruritus within last 3 days	Interval	Single	Numeric Rating Scale (0 to 10)
Trouble sleeping within last 3 days	Interval	Single	Numeric Rating Scale (0 to 10)
Age at AA onset	Continuous	Single	Age in years
Active AA in the past 12 months	Dichotomous	Single	Yes / No
Family history of AA	Categorical	Multiple	Sibling Mother Father Grandparent Children
Current body surface area affected by AA at any point during the past 12 months affected by AA	Interval	Single	0 to 100
Largest body surface area affected by AA at any point during the past 12 months	Interval	Single	0 to 100
Largest body surface area affected by AA at any point during the past 12 months affected by AA at any point in your life	Interval	Single	0 to 100
Patient reported current disease severity	Interval	Single	Numeric Rating Scale (0 to 10)
Disease development/progression in the past 12 months	Categorical	Single	AA has worsened a lot AA has worsened AA has remained unchanged AA has improved a little AA has improved a lot AA has gone into complete remission

Number of disease flares in the past 12 months	Continuous	Single	A flare is defined as one or more consecutive days with significant worsening of symptoms requiring escalation of treatment or seeking additional medical advice
Time from first AA symptoms to first AA diagnosis by a physician	Continuous	Single	Time in years
Time from first AA symptoms to first AA diagnosis by a dermatologist	Continuous	Single	Time in years
Seasonal changes in severity	Categorical	Multiple	Worsens during spring Worsens during summer Worsens during fall Worsens during winter No seasonal variation
WPAI			Work productivity and activity index Multiple variables (one for each question)
EQ-5D-5L			EuroQoL 5 Dimensions 5 Levels Multiple variables (one for each question)
DLQI			Dermatology Life Quality Index Multiple variables (one for each question)
MFI-20			Multidimensional Fatigue Inventory Multiple variables (one for each question)
AASIS			Alopecia Areata Symptom Impact Scale Multiple variables (one for each question)
PRO Measure for Eye Irritation	Ordinal	Single	Please rate how irritated (e.g. itching, stinging, burning, or dry) either of your eyes have been in the past 7 days.

			<p>My eyes have not been irritated</p> <p>My eyes have been a little irritated</p> <p>My eyes have been moderately irritated</p> <p>My eyes have been severely irritated</p>
PRO Measure for Eyebrows	Ordinal	Single	<p>Look at the hair in both of your eyebrows. Please rate your eyebrows, as they look today. This question asks about gap(s) in your eyebrows or thinning in your eyebrows. If you have gap(s) in your eyebrows and thinning in your eyebrows, please choose your answer based on the type of hair loss that bothers you the most.</p> <p>I have full eyebrows on each eye</p> <p>I have a minimal gap(s) or a minimal amount of thinning in at least one of my eyebrows</p> <p>I have a large gap(s) or a large amount of thinning in at least one of my eyebrows</p> <p>I have no or barely any eyebrow hairs</p>
PRO Measure for Eyelashes	Ordinal	Single	<p>Look at your upper and lower eyelashes on both your eyes. Please rate your eyelashes, as they look today.</p> <p>I have full eyelashes on each eyelid</p> <p>I have a minimal gap or minimal gaps along the eyelids</p> <p>I have a large gap or large gaps along the eyelids</p> <p>I have no or barely any eyelash hair</p>
PRO Measure for Nail Appearance	Ordinal	Single	<p>Examine your fingernails and toenails. Please rate your fingernails and toenails, as they look today.</p>

			<p>Nails are not at all damaged (e.g. pitted, rough, brittle, split)</p> <p>At least one nail is a little damaged (e.g. pitted, rough, brittle, split)</p> <p>At least one nail is moderately damaged (e.g. pitted, rough, brittle, split)</p> <p>At least one nail is very damaged (e.g. pitted, rough, brittle, split) or you have lost at least one nail</p>
Scalp Hair Assessment PRO	Ordinal	Single	<p>Use mirrors to look at your entire scalp.</p> <p>Please rate the total area of your scalp that is missing hair right now.</p> <p>Areas of vellus hair (peach fuzz or baby hair) should also be considered as missing hair.</p> <p>No missing hair (0% of my scalp is missing hair; I have a full head of hair)</p> <p>A limited area (1-20% of my scalp is missing hair)</p> <p>A moderate area (21-49% of my scalp is missing hair)</p> <p>A large area (50-94% of my scalp is missing hair)</p> <p>Nearly all or all (95-100% of my scalp is missing hair)</p>