

Table S1. Algorithms using combinations of questions from the self reported questionnaire that assigned a diagnosis of HS, psoriasis or vitiligo.

Alg. No.	Hidradenitis suppurativa (HS)	Se	Sp	ROC	Psoriasis	Se	Sp	ROC	Vitiligo	Se	Sp	ROC
1	I have HS	93.3	96.8	0.95 (0.9-0.99)	I have psoriasis	82.2	98.6	0.90 (0.87-0.94)	I have vitiligo	77.8	100	0.89 (0.84-0.94)
2	I have HS & it was diagnosed by a dermatologist	92.3	96.7	0.94 (0.89-1)	I have psoriasis & it was diagnosed by a dermatologist	85.7	97.5	0.92 (0.88-0.95)	I have vitiligo & it was diagnosed by a dermatologist	80.3	100	0.90 (0.85-0.95)
3	I have HS & it was diagnosed by a non-dermatologist-practitioner	93.3	94	0.94 (0.87-1)	I have psoriasis & it was diagnosed by a non-dermatologist-practitioner	78.8	87.3	0.83 (0.76-0.9)	I have vitiligo & it was diagnosed by a non-dermatologist-practitioner	66.7	91.7	0.79 (0.63-0.96)
4	I have HS & it was diagnosed by a doctor	93.3	94	0.94 (0.87-1)	I have psoriasis & it was diagnosed by a doctor	82.8	98.4	0.91 (0.87-0.94)	I have vitiligo & it was diagnosed by a doctor	77.8	100	0.89 (0.83-0.94)
5	I have HS & I made the diagnosis myself	85.7	92.5	0.89 (0.75-1)	I have psoriasis & I made the diagnosis myself	60	84.9	0.72 (0.61-0.84)	I have vitiligo & I made the diagnosis myself	75	93.3	0.84 (0.74-0.94)
6	Photographs of typical lesions in armpit OR inguinal creases OR bottom	56.3	98.9	0.94 (0.89 -0.99)	Photographs of typical lesions on elbows/lumbosacral area OR nails OR scalp	73.5	96.7	0.85 (0.81-0.89)	Photographs of typical lesions (face/hands/trunk)	69.4	95.3	0.82 (0.75-0.90)
7	I have HS & photographs of typical lesions in armpit OR inguinal creases OR bottom	92.9	96.2	0.94 (0.89 -0.99)	I have psoriasis & photographs of typical lesions on elbows/lumbosacral area OR scalp	75	96.7	0.85 (0.81-0.89)	I have vitiligo & photographs of typical lesions (face/hands/trunk)	78.1	95.2	0.87 (0.79-0.94)
8	I had painful abscesses/lesions & occurring repeatedly in the same area	66.7	97.3	0.82 (0.75-0.89)	Photographs of typical lesions on elbows/lumbosacral area OR nails OR scalp OR I had lesions of armpit/groin crease, between buttocks or under breasts for more than 2 weeks	68.1	97.1	0.83 (0.78-0.87)				
9	I have HS & I had painful abscesses/lesions & in armpit/inguinal creases/bottom & occurring repeatedly in the same area	95.8	95.7	0.96 (0.92-1)	I have psoriasis & photographs of typical lesions on elbows/lumbosacral area OR scalp OR I had lesions of armpit/groin crease, between buttocks or under breasts for more than 2 weeks	87.2	96.9	0.92 (0.88-0.96)				
10	I had lesions in armpit/inguinal creases/bottom & occurring repeatedly in the same area	61.1	97.5	0.79 (0.73-0.86)								
11	I have HS & I had lesions in armpit/inguinal creases/bottom & occurring repeatedly in the same area	92	95.6	0.94 (0.88-0.99)								

ROC: receiver operating characteristic; Se: sensitivity; Sp: specificity.