

1 **Supplementary Table 1.** Comparison of quantitative measurement of avascular area among SLE,
 2 DM, and SSc patients

Onychoscopic finding, N (%)	SLE (N = 54)	DM (N = 32)	SSc (N = 51)	P value
Avascular area				
• Grade 0	13 (24%)	2 (6.2%)	2 (3.9%)	0.004*
• Grade 1	26 (48.2%)	10 (31.3%)	16 (31.4%)	0.14
• Grade 2	10 (18.5%)	15 (46.9%)	18 (35.3%)	0.01*
• Grade 3	5 (9.3%)	5 (15.6%)	15 (29.4%)	0.02*

3 DM, Dermatomyositis; SLE, Systemic lupus erythematosus; SSc, Systemic sclerosis. *Statistically
 4 significant.

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25 **Supplementary Table 2.** Multinomial logistic regression analysis of quantitative measurement
 26 among SLE, DM, and SSc patients

Variable	OR	95%CI	P value
No avascular area (Grade 0)			
• DM vs. SSc	1.63	0.21-12.21	0.63
• SLE vs. SSc	7.76	1.65-36.43	0.009*
• SLE vs. DM	4.75	0.99-22.66	0.05
Extensive avascular area (Grade 2-3)			
• DM vs. SSc	0.90	0.36-2.27	0.83
• SLE vs. SSc	0.20	0.09-0.47	<0.001*
• SLE vs. DM	0.23	0.09-0.58	0.002*

27 DM, Dermatomyositis; OR, odds ratio; SLE, Systemic lupus erythematosus; SSc, Systemic sclerosis;
 28 95%CI, 95% confidence interval. *Statistically significant.

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