



**Supplementary Fig. S1.** ROC curve for number of capillaries/mm (A), avascular score (B), enlarged capillaries (C), giant capillaries (D), microhaemorrhages (E) and the set of capillary parameters number of capillaries  $\leq 3, 6, 7, 8/\text{mm}$  and/or giant capillaries (F) for identification of patients with systemic sclerosis *versus* Raynaud's phenomenon and healthy controls.

**Supplementary Table S1.** Sensitivity, specificity, positive and negative predictive values and accuracy of capillary parameters for the diagnosis of systemic sclerosis *versus* primary Raynaud's phenomenon and healthy controls.

Capillary parameters	Cut-off point	S (%)	Sp (%)	PPV (%)	NPV (%)	A (%)
Number of capillaries/mm	≤ 3	-	-	-	-	-
	≤ 6	14.85	100	100	51.14	54.97
	≤ 7	30.69	100	100	56.25	63.35
	≤ 8	68.32	100	100	73.77	83.25
Microhaemorrhages	≥ 0.01	52.47	90.00	85.48	62.79	70.16
Enlarged capillaries	≥ 0.08	96.04	90.00	91.51	95.29	93.19
Giant capillaries	Presence	60.40	96.67	95.31	68.51	77.49
Avascular score	At least score 1	86.14	81.11	83.65	83.91	83.77
Number of capillaries/mm ≤ 3 and/or at least 1 giant capillaries	-	60.40	96.67	95.31	68.50	77.49
Number of capillaries/mm ≤ 6 and/or at least 1 giant capillaries	-	60.40	96.67	95.31	68.50	77.49
Number of capillaries/mm ≤ 7 and/or at least 1 giant capillaries	-	65.35	96.67	95.65	71.31	80.10
Number of capillaries/mm ≤ 8 and/or at least 1 giant capillaries	-	77.23	96.67	96.30	79.09	86.39

A: accuracy; NPV: negative predictive value; PPV: positive predictive value; S: sensibility; Sp: specificity.