

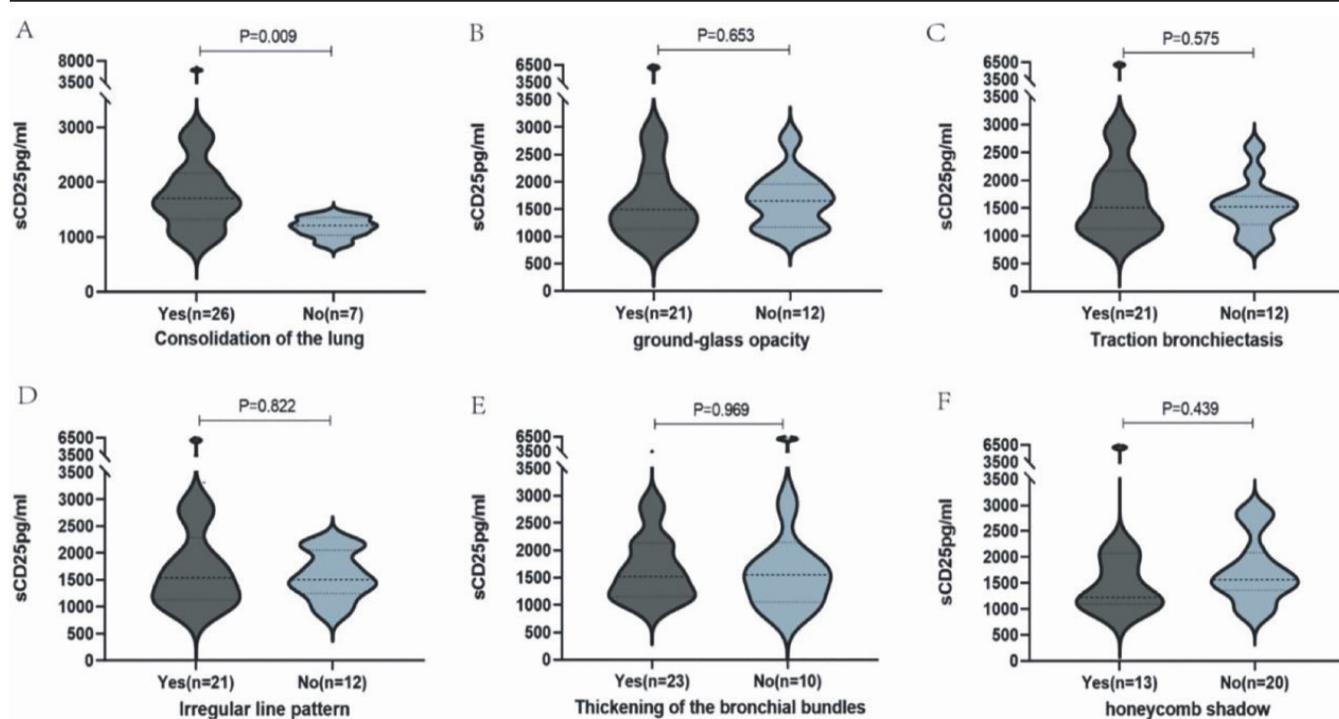
Supplementary Table S1. Among sCD25, anti-CCP, RF and CRP, only sCD25 is significantly associated with RA-ILD after the multivariate analysis.

Index	B	SE	Wald	p-value	OR	95%CL
sCD25	0.003	0.001	11.809	0.001	1.003	1.001-1.004
CRP	0.001	0.006	1.926	0.165	1.001	0.990-1.013
RF	0.000	0.000	0.054	0.816	1.000	1.000-1.001
CCP	0.001	0.003	0.078	0.781	1.001	0.996-1.006
constant	-3.362	0.609	30.501	0.000	0.035	

Supplementary Table S2. The clinical and laboratory manifestations of RA-ILD patients with sCD25-positive and negative.

Index	sCD25 (+) (n=32) n (%)	sCD25 (-) (n=9) n (%)	p-value in Chi-square test
Female	23 (74.2)	8 (25.8)	0.294
Age (>60 years)	21 (84.0)	4 (16.0)	0.250
Rheumatoid nodules	7 (100.0)	0 (0)	0.123
Haematological involvements	10 (66.7)	5 (33.3)	0.181
Metabolic disorders	19 (73.1)	7 (26.9)	0.311
DAS28 scores DAS28 > 5.1	14 (73.7)	5 (26.3)	0.530
DAS28 ≤2.6	30 (81.1)	7 (18.9)	0.154
ESR (+)	24 (80.0)	6 (20.0)	0.618
CRP(+)	20 (90.9)	2 (9.1)	0.032
RF(+)	31 (77.5)	9 (22.5)	0.591
Anti-CCP(+)	30 (76.9)	9 (23.1)	0.442
HRF-IgG(+)	7 (100.0)	0 (0)	0.123
HRCT patterns			
UIP(+)	24 (100.0)	0 (0)	0.000
NSIP(+)	8 (88.9)	1 (11.1)	0.374
RA-ILA(+)	0 (0)	8 (100.0)	0.000

The numbers (n) indicated the number of patients with the specific characteristics among RA patients with elevated sCD25 levels or normal sCD25 levels, and the following percentages (%) indicated the percentages of patients with the specific characteristics among RA patients with elevated sCD25 levels or normal sCD25 levels. HRF-IgG: hidden rheumatoid factor-IgG.



Supplementary Fig. S1. Serum sCD25 level in RA-ILD with different HRCT patterns.

A: consolidation; B: ground glass attenuation; C: traction bronchiectasis; D: Irregular line pattern; E: thickening of the bronchial bundles; F: honeycomb shadow.