

Supplementary

Table 1. ANOVA analysis of global volumes of specific CT findings across multidisciplinary diagnoses.

CT feature	ILD type	Average (mL)	ANOVA <i>p</i> -value
Reticulation	IPF	165.6	0.464
	IPAF	169.2	
	CTD	140.8	
	HP	138.5	
Low attenuation	IPF	49.3	0.657
	IPAF	55.5	
	CTD	64.5	
	HP	26.7	
Ground-glass opacity	IPF	784	0.247
	IPAF	846.5	
	CTD	631.8	
	HP	752.4	
Honeycombing	IPF	10.4	0.819
	IPAF	16.7	
	CTD	8.2	
	HP	12.8	

IPF = Idiopathic pulmonary fibrosis; IPAF = Interstitial pneumonia with autoimmune features; CTD = Connective tissue disease; HP = Hypersensitivity pneumonitis.

Table 2. (a). ANOVA analysis of left lung central volumes of specific CT findings across multidisciplinary diagnoses. **(b).** ANOVA analysis of right lung central volumes of specific CT findings across multidisciplinary diagnoses.

(a)			
CT feature	ILD type	Average (mL)	ANOVA <i>p</i> -value
Reticulation	IPF	13.3	0.666
	IPAF	18	
	CTD	13.6	
	HP	16.2	
Low attenuation	IPF	10	0.22
	IPAF	19.6	
	CTD	28.2	
	HP	1.1	
Ground-glass opacity	IPF	112.4	0.125
	IPAF	146.5	
	CTD	90.6	
	HP	130.7	
Honeycombing	IPF	1.94	0.675
	IPAF	3.28	
	CTD	0.971	
	HP	3.35	
(b)			
CT feature	ILD type	Average (mL)	ANOVA <i>p</i> -value
Reticulation	IPF	20.5	0.891
	IPAF	22.5	
	CTD	24.5	
	HP	23.1	
Low attenuation	IPF	18.6	0.525

	IPAF	14.6	
	CTD	15.1	
	HP	4.96	
Ground-glass opacity	IPF	124.3	0.548
	IPAF	155.8	
	CTD	128.1	
	HP	149.9	
Honeycombing	IPF	2.71	0.729
	IPAF	4.46	
	CTD	1.84	
	HP	3.06	

IPF = Idiopathic pulmonary fibrosis; IPAF = Interstitial pneumonia with autoimmune features; CTD = Connective tissue disease; HP = Hypersensitivity pneumonitis.

Table 3. (a). ANOVA analysis of left lung peripheral volumes of specific CT findings across multidisciplinary diagnoses. **(b).** ANOVA analysis of right lung peripheral volumes of specific CT findings across multidisciplinary diagnoses.

(a)			
CT feature	ILD type	Average (mL)	ANOVA <i>p</i> -value
Reticulation	IPF	53.1	0.449
	IPAF	55.2	
	CTD	45.1	
	HP	43.8	
Low attenuation	IPF	10.6	0.915
	IPAF	9.27	
	CTD	12.7	
	HP	8.04	
Ground-glass opacity	IPF	264.4	0.022
	IPAF	264.8	
	CTD	180.8	
	HP	221.4	
Honeycombing	IPF	2.88	0.932
	IPAF	3.87	
	CTD	2.3	
	HP	3.42	
(b)			
CT feature	ILD type	Average (mL)	ANOVA <i>p</i> -value
Reticulation	IPF	78.7	0.026
	IPAF	73.5	
	CTD	57.7	
	HP	55.4	
Low attenuation	IPF	10.1	0.956
	IPAF	12.1	
	CTD	8.53	
	HP	12.6	
Ground-glass opacity	IPF	282.8	0.33
	IPAF	279.4	
	CTD	232.2	
	HP	250.4	
Honeycombing	IPF	2.91	0.782
	IPAF	5.07	
	CTD	3.04	
	HP	3.01	

IPF = Idiopathic pulmonary fibrosis; IPAF = Interstitial pneumonia with autoimmune features; CTD = Connective tissue disease; HP = Hypersensitivity pneumonitis. The bolded values represent the significant results.

Table 4. (a). ANOVA analysis of left lung lower zone volumes of specific CT findings across multidisciplinary diagnoses. (b). ANOVA analysis of right lung lower zone volumes of specific CT findings across multidisciplinary diagnoses.

(a)			
CT feature	ILD type	Average (mL)	ANOVA <i>p</i> -value
Reticulation	IPF	28.2	0.113
	IPAF	32.9	
	CTD	28.5	
	HP	19.8	
Low attenuation	IPF	3.09	0.786
	IPAF	4.7	
	CTD	1.44	
	HP	2.3	
Ground-glass opacity	IPF	154.8	0.042
	IPAF	162.2	
	CTD	125.2	
	HP	119.8	
Honeycombing	IPF	1.45	0.787
	IPAF	3.05	
	CTD	2.5	
	HP	1.75	
(b)			
CT feature	ILD type	Average (mL)	ANOVA <i>p</i> -value
Reticulation	IPF	39.5	0.055
	IPAF	41.2	
	CTD	36.9	
	HP	27.1	
Low attenuation	IPF	0.047	0.5
	IPAF	1.58	
	CTD	0.145	
	HP	2.49	
Ground-glass opacity	IPF	159.6	0.312
	IPAF	154.8	
	CTD	157.2	
	HP	128.9	
Honeycombing	IPF	1.59	0.626
	IPAF	2.53	
	CTD	2.21	
	HP	1.19	

IPF = Idiopathic pulmonary fibrosis; IPAF = Interstitial pneumonia with autoimmune features; CTD = Connective tissue disease; HP = Hypersensitivity pneumonitis.

Table 5. (a). ANOVA analysis of left lung upper zone volumes of specific CT findings across multidisciplinary diagnoses. (b). ANOVA analysis of right lung upper zone volumes of specific CT findings across multidisciplinary diagnoses.

(a)			
CT feature	ILD type	Average (mL)	ANOVA <i>p</i> -value
Reticulation	IPF	15.8	0.462
	IPAF	1.7	
	CTD	13.2	

Low attenuation	HP	19.7	0.168
	IPF	15.3	
	IPAF	11.7	
	CTD	28.8	
Ground-glass opacity	HP	3.17	0.111
	IPF	74.1	
	IPAF	88.5	
	CTD	50.2	
Honeycombing	HP	94.5	0.618
	IPF	1.98	
	IPAF	2.11	
	CTD	0.238	
	HP	3.7	

(b)

CT feature	ILD type	Average (mL)	ANOVA <i>p</i> -value
Reticulation	IPF	23	0.776
	IPAF	23.1	
	CTD	18.6	
	HP	22.7	
Low attenuation	IPF	18	0.234
	IPAF	8.05	
	CTD	9.86	
	HP	3.36	
Ground-glass opacity	IPF	92.1	0.177
	IPAF	105.5	
	CTD	72.4	
	HP	116.2	
Honeycombing	IPF	2.57	0.797
	IPAF	3.98	
	CTD	1.06	
	HP	3.15	

IPF = Idiopathic pulmonary fibrosis; IPAF = Interstitial pneumonia with autoimmune features; CTD = Connective tissue disease; HP = Hypersensitivity pneumonitis.

Table 6. Patient mortality data compared to normal tissue volume.

Mortality status	Average (mL)	<i>p</i> -value
Alive (<i>n</i> = 177)	1667.5	0.323
Deceased (<i>n</i> = 48)	1560.7	