Supplemental table 1. HRCT abnormalities and 68Ga-DOTA-NOC PET/CT SUVmax corresponding values at five levels for each lung in IPF and NSIP cases.

Pt no	Disease	Lung section	Lung	Disease extension: visual score	HRCT abnormalities	SUVmax
1	IPF	1	left	3	HC	3,70
1	IPF	1	right	2	HC	2,9
1	IPF	2	left	3	HC	none
1	IPF	2	left	3	GG	3,8
1	IPF	2	right	2	HC	2,8
1	IPF	3	left	2	HC	3,4
1	IPF	3	right	4	GG	4,2
1	IPF	4	left	4	HC	3,1
1	IPF	4	left	4	GG	4,5
1	IPF	4	right	2	HC	2,8
1	IPF	5	left	4	GG	3,9
1	IPF	5	right	2	HC	2,7
2	IPF	1	left	2	HC	1,5
2	IPF	1	right	2	HC	2,2
2	IPF	2	left	1	HC	0,8
2	IPF	2	right	2	HC	1
2	IPF	3	left	1	HC	0,9
2	IPF	3	right	2	HC	0,9
2	IPF	4	left	1	HC	1,2
2	IPF	4	right	2	HC	1,1
2	IPF	5	left	3	HC	1,3
2	IPF	5	right	4	HC	1,7
3	IPF	1	left	1	HC	1,6
3	IPF	1	right	1	HC	1,3
3	IPF	2	left	1	HC	1,8
3	IPF	2	right	1	HC	1,1
3	IPF	3	left	1	HC	1,6
3	IPF	3	right	1	HC	1,7
3	IPF	4	left	1	HC	2,4
3	IPF	4	right	2	HC	2,3
3	IPF	5	left	2	HC	2,9
3	IPF	5	right	3	HC	1,9
4	IPF	1	left	1	HC	1,4
4	IPF	1	right	1	HC	1,5
4	IPF	2	left	2	HC	1,9
4	IPF	2	right	2	HC	2,9
4	IPF	3	left	2	HC	2,7
4	IPF	3	right	2	HC	2,4
4	IPF	4	left	2	HC	1,8

4	IPF	4	right	2	HC	2,1
4	IPF	5	left	3	HC	2
4	IPF	5	right	3	HC	1,9
5	IPF	1	left	1	HC	2,2
5	IPF	1	right	1	HC	2
5	IPF	2	left	1	HC	2,5
5	IPF	2	right	2	HC	2,9
5	IPF	3	left	1	HC	2
5	IPF	3	right	2	HC	1,9
5	IPF	4	left	2	HC	2
5	IPF	4	right	3	HC	3,1
5	IPF	5	left	3	HC	3,5
5	IPF	5	right	3	HC	2,9
6	IPF	1	left	1	GG/reticular abnormalities	none
6	IPF	1	right	1	GG/reticular abnormalities	1,5
6	IPF	2	left	1	GG/reticular abnormalities	2,5
6	IPF	2	right	1	GG/reticular abnormalities	2,2
6	IPF	3	left	4	GG/reticular abnormalities	2,1
6	IPF	3	right	2	GG/reticular abnormalities	1,2
6	IPF	4	left	4	HC	2
6	IPF	4	right	3	GG/reticular abnormalities	1,8
6	IPF	5	left	4	HC	na
6	IPF	5	right	4	HC	na
7	IPF	1	left	1	GG/reticular abnormalities	0,7
7	IPF	1	right	1	GG/reticular abnormalities	0,8
7	IPF	2	left	2	reticular abnormalities	2,4
7	IPF	2	right	1	reticular abnormalities	1,3
7	IPF	3	left	2	reticular abnormalities	1,8
7	IPF	3	right	2	reticular abnormalities	1,2
7	IPF	4	left	3	reticular abnormalities	1,7
7	IPF	4	right	2	reticular abnormalities	1,7
7	IPF	5	left	4	reticular abnormalities	1,8
7	IPF	5	right	3	HC	na
8	NSIP	1	left	1	minimal reticular changes	na
8	NSIP	1	right	1	GG	2
8	NSIP	2	left	1	GG	1,9
8	NSIP	2	right	2	GG	3,3
8	NSIP	3	left	1	minimal reticular changes	na
8	NSIP	3	right	2	minimal reticular changes	na
8	NSIP	4	left	2	minimal reticular changes	na
8	NSIP	4	right	2	HC	4,1
8	NSIP	5	left	2	minimal reticular changes	na
8	NSIP	5	right	3	GG	3,9
9	NSIP	1	left	2	GG	1,4
9	NSIP	1	right	3	GG	2,6
9	NSIP	2	left	3	GG	1,7
9	NSIP	2	right	3	GG	2,8

9	NSIP	3	left	3	GG	2,1
9	NSIP	3	right	4	GG	2,4
9	NSIP	4	left	3	GG	2,8
9	NSIP	4	right	4	GG	3,2
9	NSIP	5	left	4	GG	2,9
9	NSIP	5	right	4	GG	3,5
10	NSIP	1	left	1	minimal reticular changes	na
10	NSIP	1	right	1	minimal reticular changes	na
10	NSIP	2	left	1	GG	3,1
10	NSIP	2	right	2	GG	2,3
10	NSIP	3	left	1	GG	2,6
10	NSIP	3	right	2	GG	2
10	NSIP	4	left	2	GG	1,4
10	NSIP	4	right	2	GG	2,5
10	NSIP	5	left	2	GG	1,4
10	NSIP	5	right	1	GG	2,7
11	NSIP	1	left	1	GG	1
11	NSIP	1	right	1	minimal reticular changes	na
11	NSIP	2	left	1	GG	1,4
11	NSIP	2	right	1	minimal reticular changes	na
11	NSIP	3	left	1	GG	2,2
11	NSIP	3	right	0	no abnormalities	none
11	NSIP	4	left	0	no abnormalities	none
11	NSIP	4	right	1	GG	1,4
11	NSIP	5	left	2	aspecific reticular abnormalities	na
11	NSIP	5	right	1	aspecific reticular abnormalities	na
12	NSIP	1	left	1	reticular abnormalities	1
12	NSIP	1	right	1	reticular abnormalities	1,2
12	NSIP	2	left	2	reticular abnormalities	1,2
12	NSIP	2	right	1	reticular abnormalities	0,9
12	NSIP	3	left	3	reticular abnormalities	1,3
12	NSIP	3	right	2	reticular abnormalities	1,1
12	NSIP	4	left	3	reticular abnormalities	1,4
12	NSIP	4	right	2	reticular abnormalities	1,4
12	NSIP	5	left	4	HC/reticular abnormalities	na
12	NSIP	5	right	4	HC/reticular abnormalities	na
13	NSIP	1	left	1	GG	1,4
13	NSIP	1	right	1	GG	1,2
13	NSIP	2	left	1	GG	1,2
13	NSIP	2	right	2	GG	1,2
13	NSIP	3	left	1	GG	na
13	NSIP	3	right	2	GG	na
13	NSIP	4	left	2	GG	na
13	NSIP	4	right	2	GG	na
13	NSIP	5	left	2	GG/microcistic HC	1,4

13	NSIP	5	right	3	GG/microcistic HC	1,4
14	NSIP	1	left	3	GG/reticular abnormalities	1,5
14	NSIP	1	right	3	GG/reticular abnormalities	2,7
14	NSIP	2	left	3	GG	1,4
14	NSIP	2	right	3	GG	1,5
14	NSIP	3	left	4	GG	2,2
14	NSIP	3	right	4	GG	1,7
14	NSIP	4	left	3	GG/reticular abnormalities	2,4
14	NSIP	4	right	4	GG/reticular abnormalities	1,8
14	NSIP	5	left	4	GG/reticular abnormalities	2,4
14	NSIP	5	right	4	GG/reticular abnormalities	na

Lung Section: 1=aortic arch, 2=tracheal bifurcation, 3=the origin of the apical segmental bronchus of the right lower lobe, 4=the entrance of the lower right pulmonary vein in the left atrium, 5=a level corresponding to the top of the right hemidiaphragm; HC: honeycombing; GG: ground glass opacity; na: SUVmax not detectable. Twelve lung levels (3/12 IPF, 9/12 NSIP) were excluded from SUVmax analysis due to the presence of interfering high uptake in abdominal organs (e.g. spleen, liver). In 9 lung levels of NSIP subjects, HRCT detected the presence of aspecific abnormalities (fine reticular changes) that could not be classified according to the previously used scoring systems for the presence of very fine reticular changes and SUVmax could not determined.