

SUPPLEMENTAL TABLE 1. Cox Regression Analysis and Log-rank Test Results

with Various Cut-off Values for RI-SUV

	Cut-off value for RI-SUV (%)								
	-20	-15	-10	-5	0	5	10	15	20
<u>Overall survival</u>									
HR for 3-y survival	2.39	5.65	3.79	6.05	7.31	5.96	3.81	2.09	3.64
<i>P</i> value	0.23	0.019	0.015	0.00011	0.00013	0.00025	0.0019	0.12	0.096
Log-rank <i>P</i> value	0.22	0.0084	0.0093	0.00023	0.00001	0.00005	0.00093	0.115	0.075
<u>PFS</u>									
HR for 1-y PFS	1.40	3.03	2.60	3.28	3.68	3.23	2.73	1.87	1.60
<i>P</i> value	0.48	0.0092	0.011	0.00099	0.00043	0.0012	0.0043	0.12	0.52
Log-rank <i>P</i> value	0.48	0.0063	0.0082	0.00053	0.00019	0.00069	0.0030	0.115	0.52

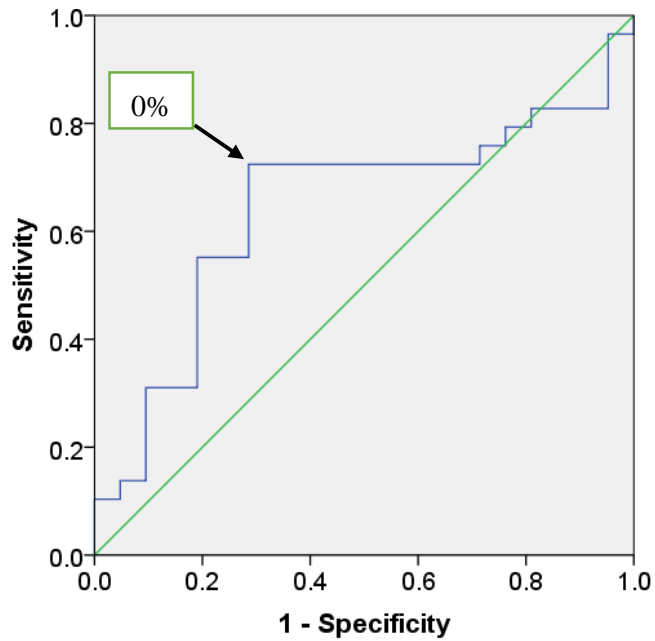
RI-SUV = retention index of standardized uptake value; HR = hazard ratio; PFS = progression-free survival.

SUPPLEMENTAL TABLE 2. Predictive Value of RI-SUV (cut-off 0%) for 3-year

Mortality and 1-year Disease Progression

	Sensitivity, % (n)	Specificity, % (n)	PPV, % (n)	NPV, % (n)	Accuracy, % (n)
3-y mortality	83.3 (20/24)	71.4 (15/21)	76.9 (20/26)	78.9 (15/19)	77.8 (35/45)
1-y disease progression	81.3 (13/16)	56.3 (18/32)	48.1 (13/27)	85.7 (18/21)	64.6 (31/48)

PPV = positive predictive value; NPV = negative predictive value.



**SUPPLEMENTAL FIGURE 1. Receiver Operating Characteristic Curve of RI-SUV
for Prediction of 3-year Survival**

According to the receiver operating characteristic curve, a cut-off value of 0% for RI-SUV was determined as the optimal cut-off point to predict long-term prognosis in patients with idiopathic pulmonary fibrosis.