

Table 1-2 Characteristics of the included studies

Author (Year)	Pulmonary function tests		Surgical methods		Operation approach		Tumor location					
	FEV1 % predicted	DLCO % predicted	Open	minimally invasive	Lobectomy	Segmentectomy	RUL	RML	RLL	LUL	LLL	Other
Dong 2020	-	-	0	20	10	10	-	-	-	-	-	-
	-	-	0	28	17	11	-	-	-	-	-	-
Patel 2021	-	-	84	770	-	-	-	-	-	-	-	-
	-	-	72	10617	-	-	-	-	-	-	-	-
Drawbert 2021	-	-	1811	1400	-	-	1211	348	666	925	583	86
	-	-	2068	1646	-	-	1206	315	677	906	617	98
Linden 2020	88.36±10.45	78.65±20.16	152	1669	1494	327	-	-	-	-	-	-
	84.25±12.17	74.14±18.35	14275	30229	39943	4561	-	-	-	-	-	-
Dong 2021	-	-	-	-	51	84	43	14	15	48	16	
	-	-	-	-	92	124	75	20	31	63	28	
Towe 2018	85.31±8.98	83.90±15.21	2	446	-	-	-	-	-	-	-	-
	75.62±7.42	73.21±13.96	33	580	-	-	-	-	-	-	-	-
Geraci 2021	89.12±20.66	82.45±13.12	-	-	53	79	36	12	23	46	15	-
	85.43±16.35	79.89±11.28	-	-	71	37	43	8	25	23	16	-

FEV1% predicted, percent of forced expiratory volume in 1 second predicted; DLCO% predicted, percent of diffusing capacity of the lung for carbon monoxide predicted; RUL, right upper lobe; RML, right middle lobe; RLL, right lower lobe; LUL, left upper lobe; LLL, left lower lobe.