Table S1 Results of logistic regression

Variable	Value	Lower confidence	Upper confidence	P value
(Intercept)	−1.59	−1.82	−1.35	<0.01
Age	0.00	0.00	0.00	0.41
Sex	−0.06	−0.11	−0.01	0.02
Stage	−0.11	−0.13	−0.08	<0.01
Smoking	−0.35	−0.40	−0.30	<0.01
Diabetes type 1	−0.56	−0.69	−0.43	<0.01
Cardiac infarction	0.00	−0.10	0.10	0.99
Neurological diseases	−1.31	−1.63	−1.01	<0.01
Heart failure	−0.05	−0.20	0.11	0.54
Kidney failure	0.16	−0.07	0.40	0.17
Chronic obstructive pulmonary disease	0.34	0.28	0.39	<0.01
Hypertension	−0.14	−0.19	−0.09	<0.01
Coronary disease	−0.05	−0.14	0.05	0.31
pT	0.15	0.12	0.17	<0.01
pN	0.27	0.24	0.30	<0.01
Upper lobectomy	−0.04	−0.09	0.02	0.17
Pneumonectomy	0.01	−0.07	0.10	0.75
Video-assisted thoracic surgery	0.70	0.63	0.76	<0.01
Squamous cell carcinoma	0.08	0.03	0.13	<0.01
Mediastinoscopy	−0.10	−0.21	0.02	0.09
Sum of N1 examined nodes	0.89	0.85	0.92	<0.01
Sum of N2 examined nodes	−0.07	−0.08	−0.05	<0.01

Table S2 5-year overall survival rates [95% CI] of the patients

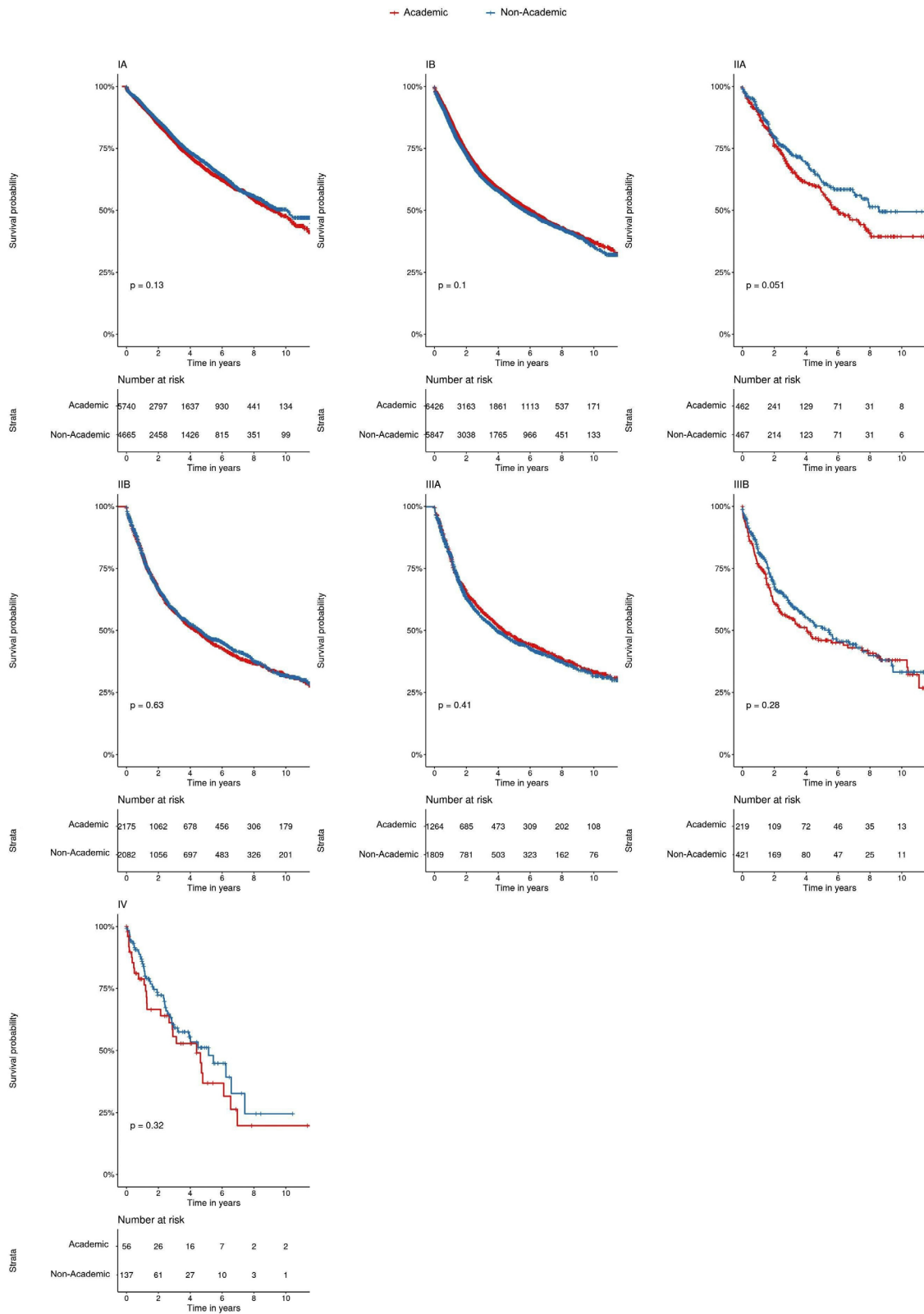| Subgroup	Academic (%)	Nonacademic (%)	P value
Clinical stage descriptor			
IA	66 [65–68]	69 [67–71]	0.13
IB	54 [53–56]	53 [51–54]	0.1
IIA	57 [52–64]	61 [55–68]	0.05
IIB	47 [44–49]	48 [45–50]	0.63
IIIA	47 [44–50]	45 [43–48]	0.41
IIIB	46 [39–54]	51 [45–58]	0.28
IV	37 [23–58]	51 [41–64]	0.32
Pathological stage descriptor			
IA1	79 [72–87]	77 [70–85]	0.76
IA2	75 [72–78]	74 [71–77]	0.68
IA3	67 [64–70]	69 [67–72]	0.71
IB	66 [64–68]	63 [61–65]	0.03
IIA	58 [55–62]	59 [56–62]	0.21
IIB	52 [50–54]	50 [48–52]	0.16
IIIA	37 [35–40]	39 [37–41]	0.22
IIIB	27 [23–32]	26 [22–30]	0.3

CI, confidence interval.

Figure S1 5-year survival rates (95% CI) of the patients regarding clinical stage.