

대한심장혈관흉부외과학회 제38차 춘계통합학술대회

KATSO Registry for Lung Cancer

대한흉부종양외과학회
아주대학교병원
함석진

등 록 현황

대한심장혈관흉부외과 국가데이터베이스



관상동맥우회술
데이터베이스



Heart Valve Surgery
Registry



흉부종양외과학회
KATSO Registry



소아 및
선천성심장수술
데이터베이스



대동맥수술
데이터베이스



심장이식 및
LVAD Registry

행사 일정

MORE +

2024-12-20

제6차 상임이사회 및 위원장회의

2024-11-15

제 326차 서울경기 월례 집담회

서울대학교병원

SCROLL DOWN

2024-10-22

제5차 위원장회의



대한흉부종양외과학회
THE KOREAN ASSOCIATION FOR THORACIC SURGICAL ONCOLOGY

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MEETINGS

VIDEO

JOURNAL

KATSO REGISTRY



YouTube

대한흉부종양외과학회 채널

2023년 대한흉부종양외과학회
정례학술토론회 및 송년회 (제 40차)
(2023.12.01. 금요일, 서울 ...)

2023-10-04

자세히보기

Notice

더보기 >

[대폐] 2024년 대한폐암학회 춘계학술대회 개최

2024-04-08

[대폐학] 2024년 대한폐암학회 산하 중앙면역다학제연구회 춘계...

2024-03-29

[국립암센터] 제79회 암경복포럼

2023-11-13

KATSO Meetings

더보기 >

2023년 대한흉부종양외과학회 제 15회 추계 학술대회, 9월 15일 (...)
2023-06-13

2023년 대한흉부종양외과학회 정례학술토론회 (제 39차)
2023-01-28

2022년 대한흉부종양외과학회 정례학술토론회 및 송년회 (제 38...)
2022-11-18

KATSO Registry

현황 2022.10



폐암

12,487례



흉선종

1,234례



식도암

8례

웹페이지 주소

The screenshot shows the homepage of the KATSO Registry eCRF system. At the top, there is a dark blue header with the logo of the Korean Association for Thoracic Surgical Oncology (KATSO) and the text "대한흉부종양외과학회 eCRF" on the left, and a "Help" icon on the right. The main content area features a large background image of two doctors, a man and a woman, looking at a tablet. On the left side of the main area, there are three circular icons: "Data e-Capture" (cloud and laptop), "Realtime Analysis" (bar chart), and "Study Report" (document). In the center, the text "THE KOREAN ASSOCIATION FOR THORACIC SURGICAL ONCOLOGY" is displayed. On the right side, there is a login section titled "eCRF Log in" with input fields for "사용자ID:" and "비밀번호:", a "LOGIN" button, and a checkbox for "ID기억하기". Below the login fields, there are two bullet points: "아이디, 비밀번호 찾기" and "회원가입을 하려면 여기를 클릭하세요.". At the bottom, the text "KATSO Registry eCRF" is shown in orange, followed by "대한흉부종양외과학회에서 운영하는 Registry eCRF System 입니다." in black.

대한흉부종양외과학회 eCRF Help

THE KOREAN ASSOCIATION FOR THORACIC SURGICAL ONCOLOGY

Data e-Capture

Realtime Analysis

Study Report

eCRF Log in

사용자ID: LOGIN

비밀번호: ☐ ID기억하기

- 아이디, 비밀번호 찾기
- 회원가입을 하려면 여기를 클릭하세요.

KATSO Registry eCRF
대한흉부종양외과학회에서 운영하는 Registry eCRF System 입니다.

<http://katso.crf.kr>

➤ Lung Cancer Registry

Center: (35)아주대병원 연구대상자 번호 /연구참조: ☒ Partial search

Icon Description: No data entered Currently entering Open query Query Answered Signed or not Data locked Total : 1,193

Center ▲	연구대상자 번호 ▲	연구참조 ▲	Age at Adm (1) ▲	Gender ▲	Registration
(35)아주대병원	35-01193	dfgh3075871		[1] Male	● (1)
(35)아주대병원	35-01192	dfgh1954049		[1] Male	● (1)
(35)아주대병원	35-01191	dfgh0625641		[2] Female	● (4)
(35)아주대병원	35-01190	dfgh2859068		[2] Female	●
(35)아주대병원	35-01189	dfgh0981675		[1] Male	● (3)
(35)아주대병원	35-01188	dfgh0617760		[1] Male	●
(35)아주대병원	35-01187	dfgh3054780		[2] Female	●
(35)아주대병원	35-01186	dfgh3074946		[1] Male	● (6)
(35)아주대병원	35-01185	dfgh3075797		[2] Female	● (1)
(35)아주대병원	35-01184	dfgh3071225		[1] Male	● (6)
(35)아주대병원	35-01183	dfgh0056026		[1] Male	●
(35)아주대병원	35-01182	dfgh3031671		[1] Male	● (1)
(35)아주대병원	35-01181	dfgh1760470		[1] Male	●
(35)아주대병원	35-01180	dfgh2544320		[2] Female	●
(35)아주대병원	35-01179	dfgh1351144		[2] Female	●
(35)아주대병원	35-01178	dfgh2126633		[2] Female	●
(35)아주대병원	35-01177	dfgh2477583		[1] Male	● (1)
(35)아주대병원	35-01176	dfgh0190938		[2] Female	● (1)
(35)아주대병원	35-01175	dfgh2932713		[2] Female	●
(35)아주대병원	35-01174	dfgh3026734		[2] Female	●

Study

Subject list

Enroll

 Subject information

연구대상자 번호 : 35-01193
연구참조 : dfgh3075871
Center: (35)아주대병원

[Visit / Form](#)

Registration

- General information
- Preop. data
- Operation
- Pathology
- Complications
- F/U & Recurrence

Icon Description:

- No data entered
- Currently entering
- Open query
- Query Answered
- Signed or not
- Data locked
- (#) Open query count

➤ Lung Cancer Registry

Center: (35)아주대병원 연구대상자 번호/연구참조: ☒ Partial search

General information (Registration)

General information

Query (0/1)

Comment

Audit Trail

☒ Basic ☒ Advanced

General information

Age years old

Gender ☒ Male ☐ Female

Height 162 cm

Weight kg

ECOG status ☐ 0 ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ Unknown

Admission date 2024-05-12 

Last update 2024-05-30 (automatic)

Study Memo

Smoking Hx

Smoking History

- ☐ Never smoker (≤ 100 ea)
- ☐ Current smoker - cigarette smoking (smoking cessation < 1 year)
- ☐ Current smoker - electronic tobacco
- ☒ Ex-smoker (smoking cessation ≥ 1 year)
- ☐ Passive smoking
- ☐ Unknown

if passive smoking, ☐ spouse ☐ parent

Smoking amount pack(1pack = 20ea) Smoking period year pack years

Smoking cessation

화스너 옆개로 사용하세요

Lung Cancer Registry

Center	연구대상자 번호	연구번호	Edit date	Editor
(35)아주대병원	35-00782	wer1089140	2022-09-13 오전 11:21	yws081011 (유우식)

General Information (Registration)

General information

☒ Basic ☒ Advanced

General information

Age years old

Gender ☒ Male ☐ Female

Height cm

Weight kg

ECOG status: ☐ 0 ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ Unknown

[ECOG status] is missing.

Admission date

Last update (automatic)

Study Memo

▲ Top ▼ Bottom

Smoking Hx

Smoking History

☒ Never smoker (≤ 100 ea)
☐ Current smoker - cigarette smoking (smoking cessation < 1year)
☐ Current smoker - electronic tobacco
☐ Ex-smoker (smoking cessation ≥ 1 year)
☐ Passive smoking
☐ Unknown

if passive smoking, ☐ spouse ☐ parent

Smoking amount pack(1pack = 20ea)

Smoking period year pack years

Smoking cessation Choose

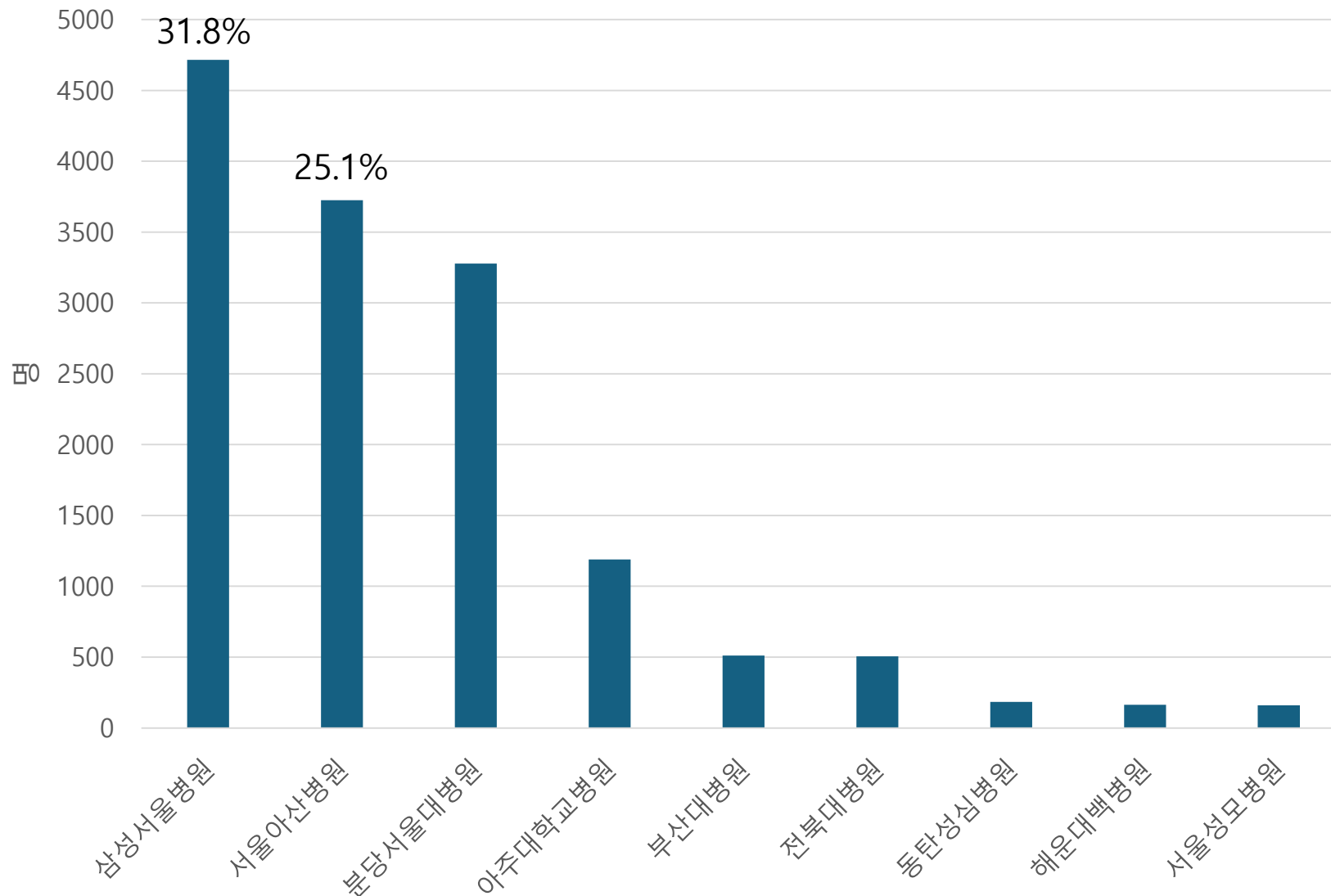
[illegible]

KATSO 폐암 레지스트리

- Total **14076** patients
 - Jan. 2010 ~ Dec. 2023
 - 21 centers



병원별 폐암 데이터 등록 현황



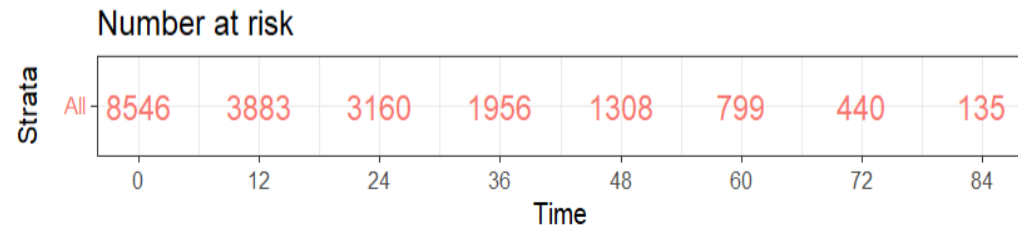
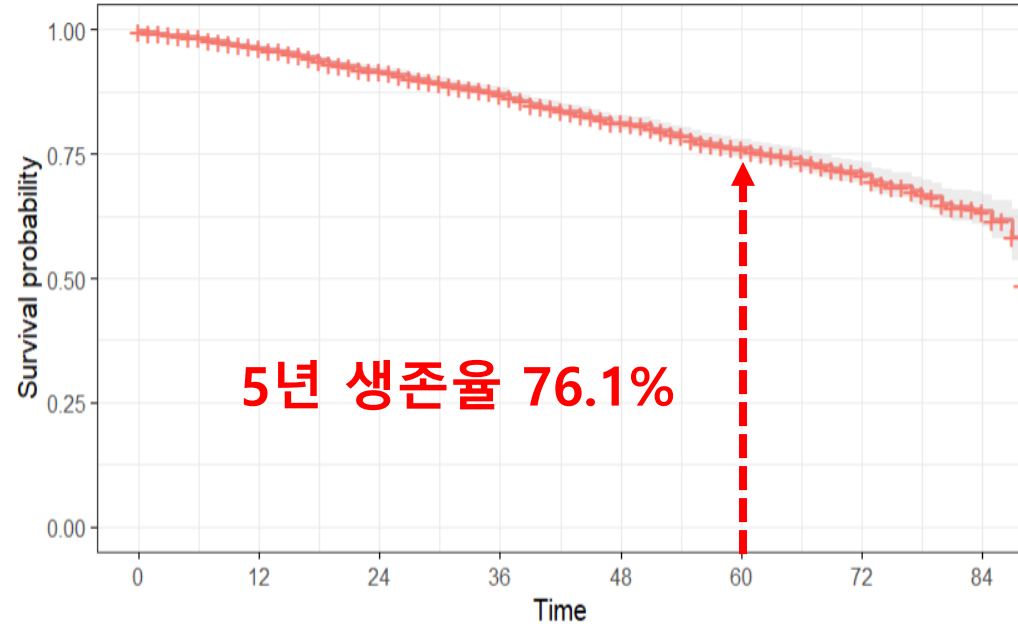
연도별 폐암 데이터 등록 현황

[illegible]

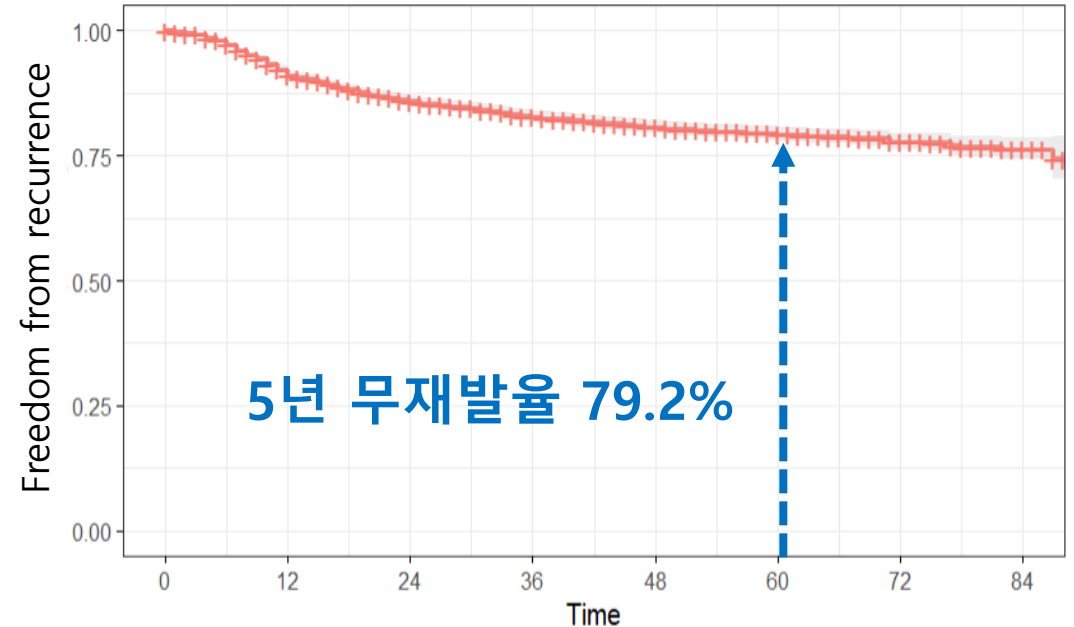
자료분석

전체 환자에서의 생존 분석

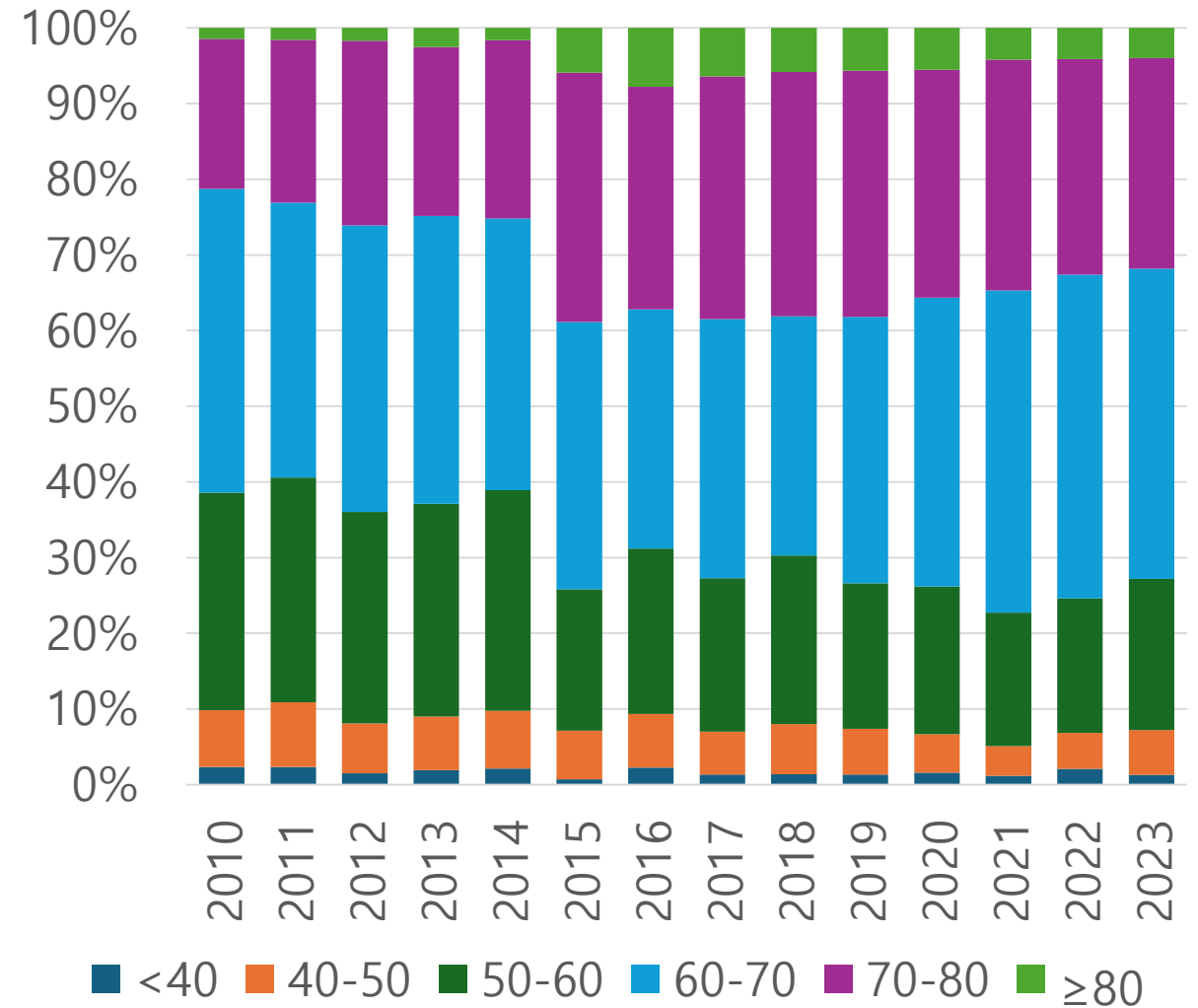
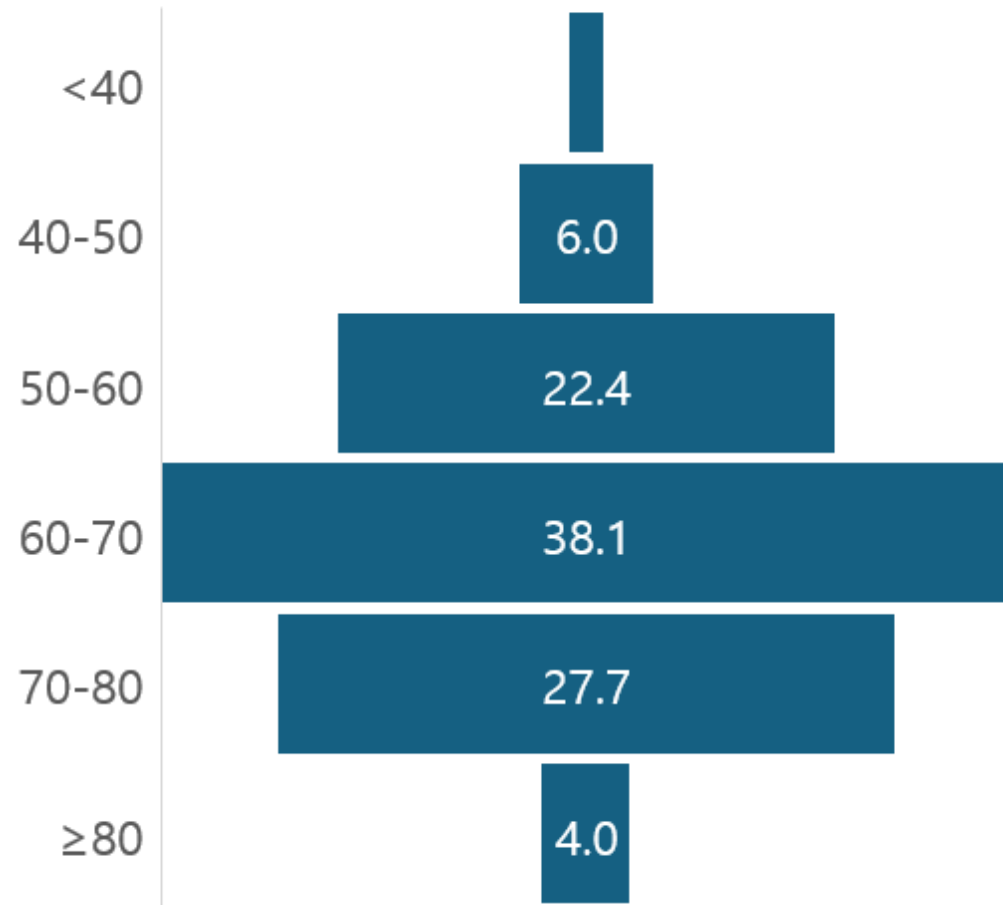
Overall Survival



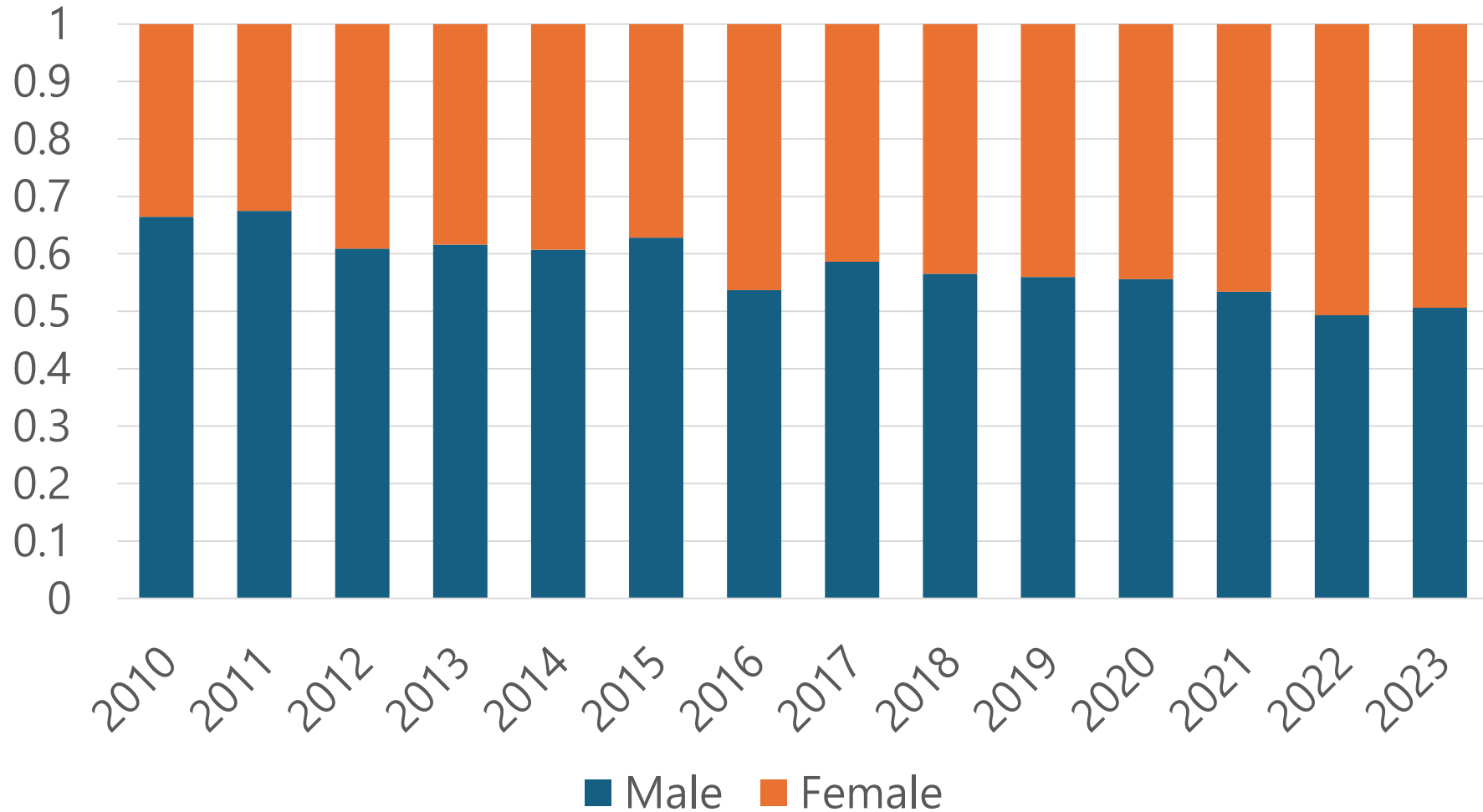
Freedom From Recurrence



폐암 수술 시 연령분포와 연도별 추이



성별 분포의 연도별 추이

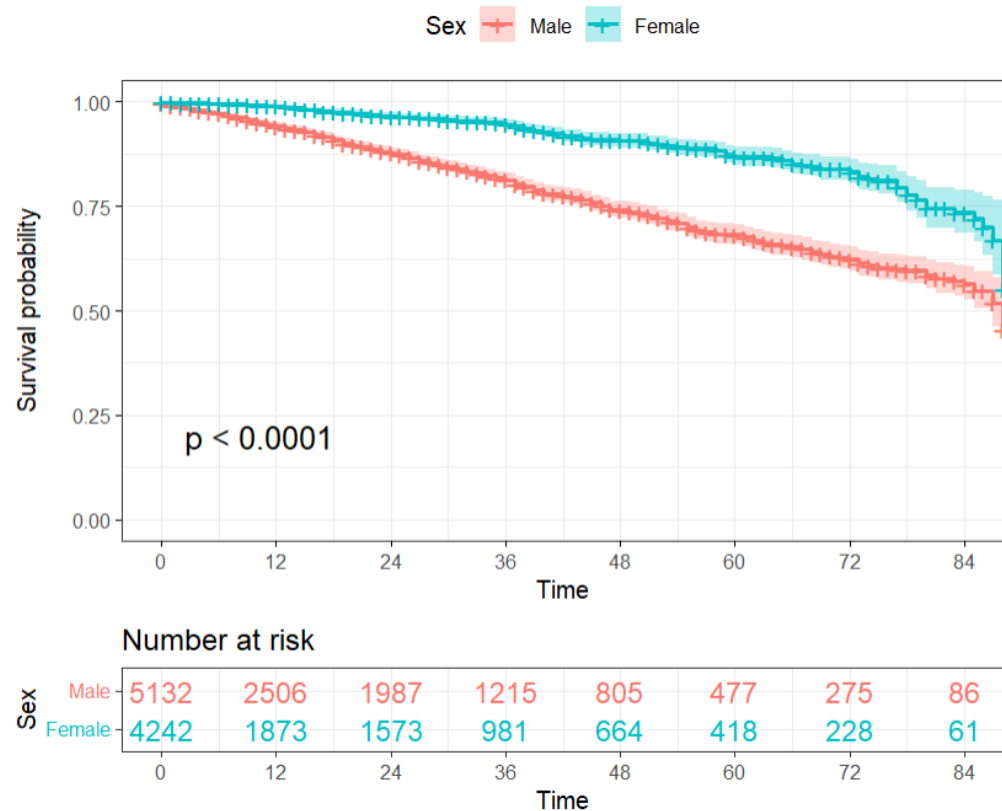


8th TNM 병기에 따른 성별분포

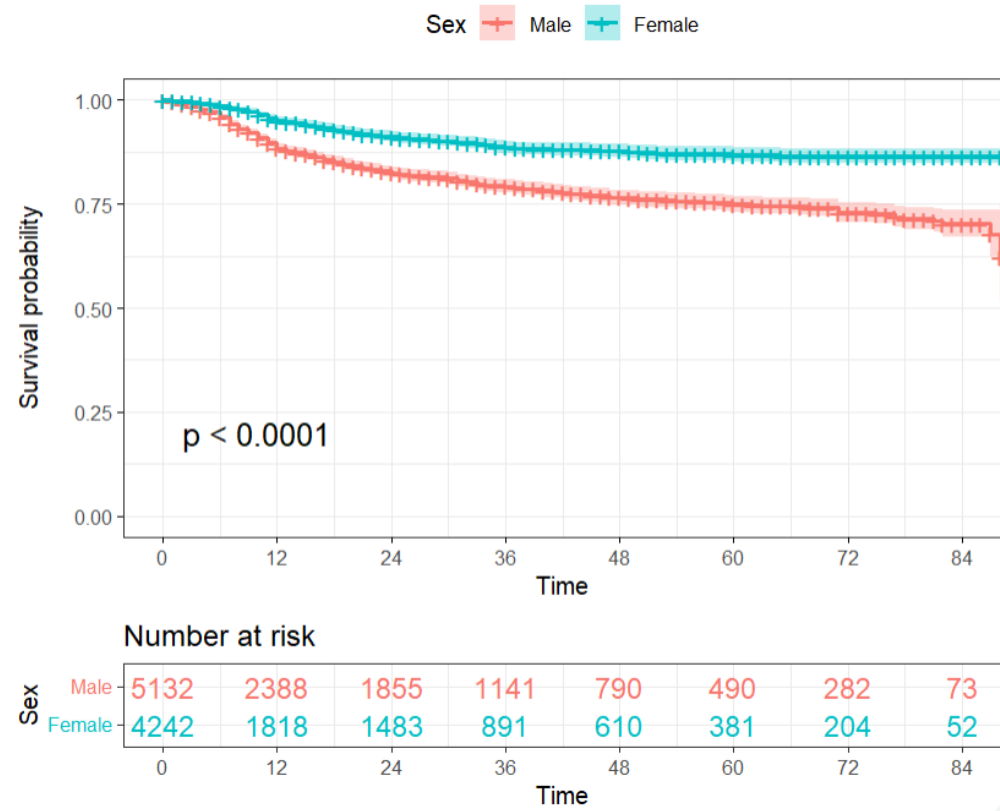


성별에 따른 생존 분석 결과

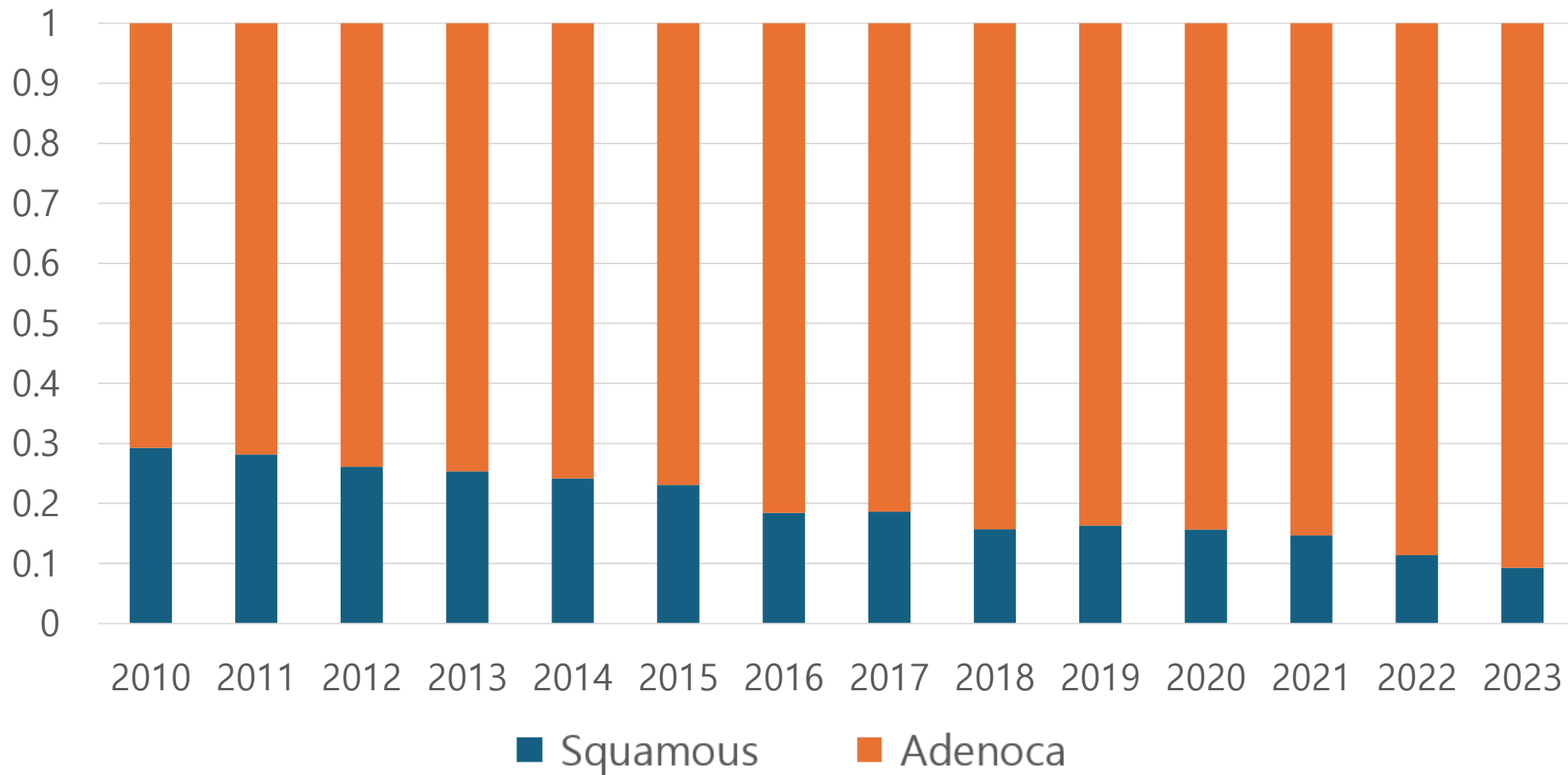
Overall Survival



Freedom From Recurrence

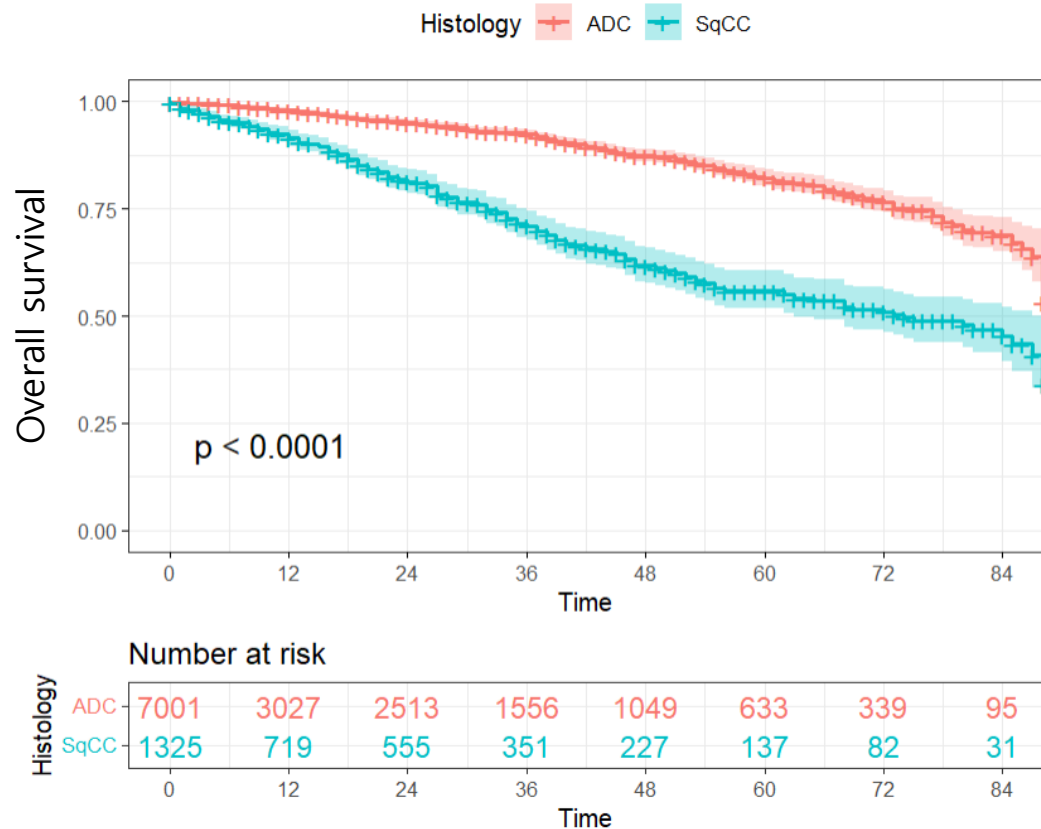


조직학적 분류의 연도별 추이

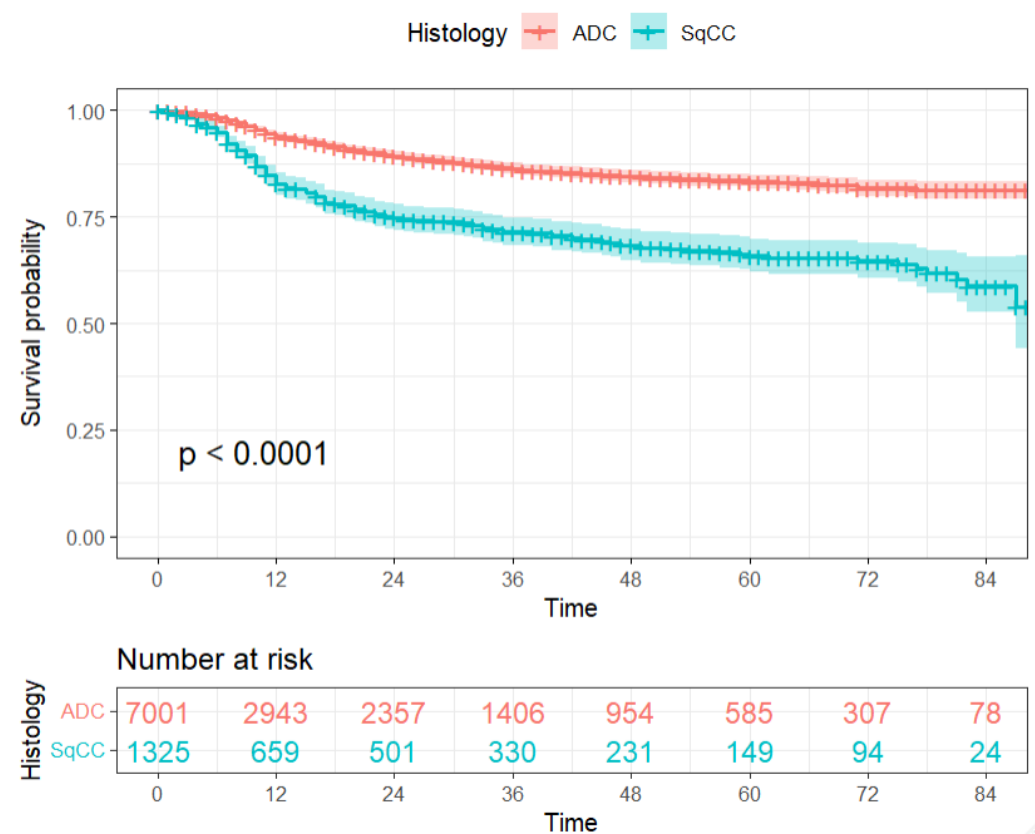


조직학적 분류에 따른 생존분석 결과

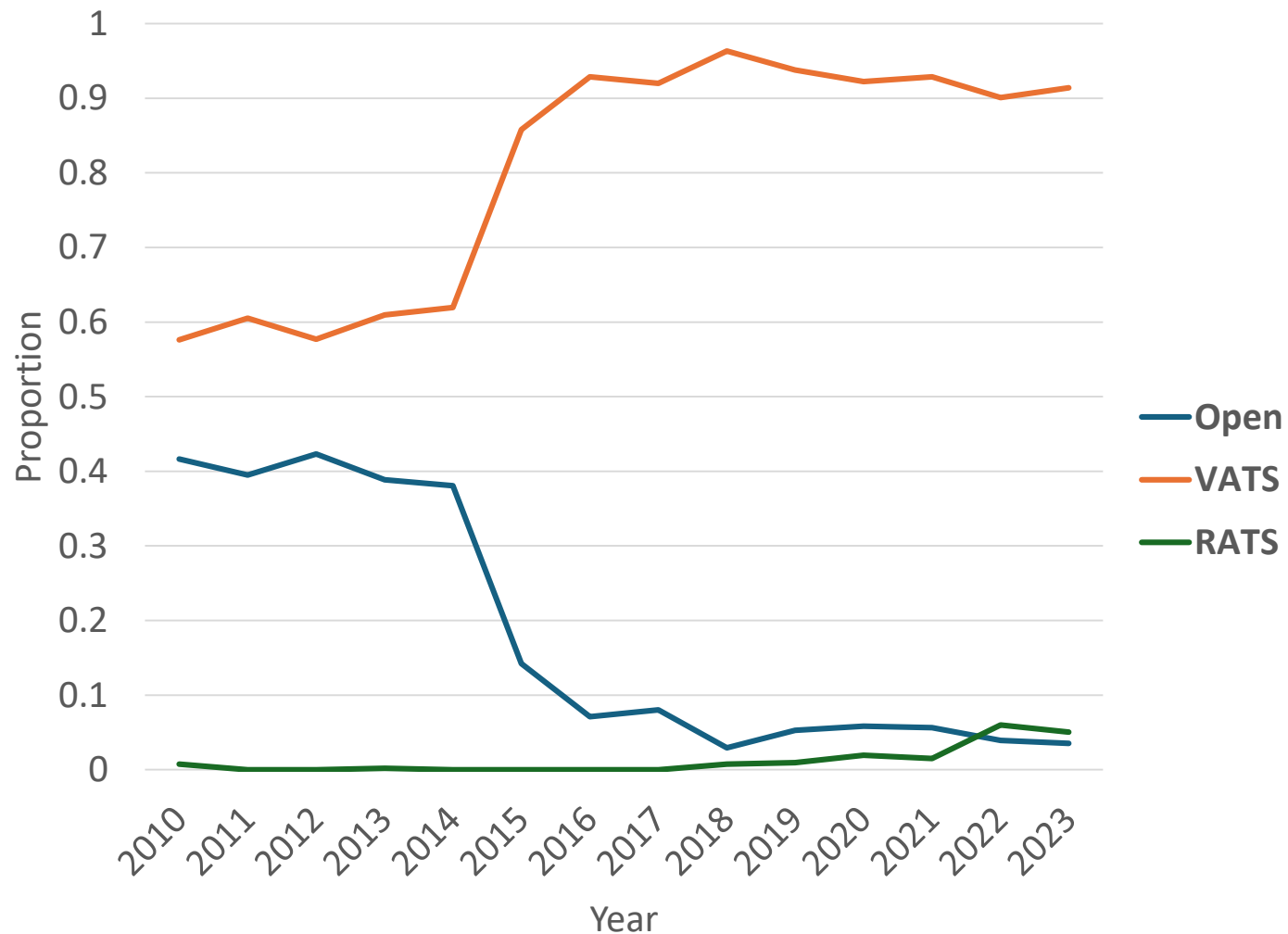
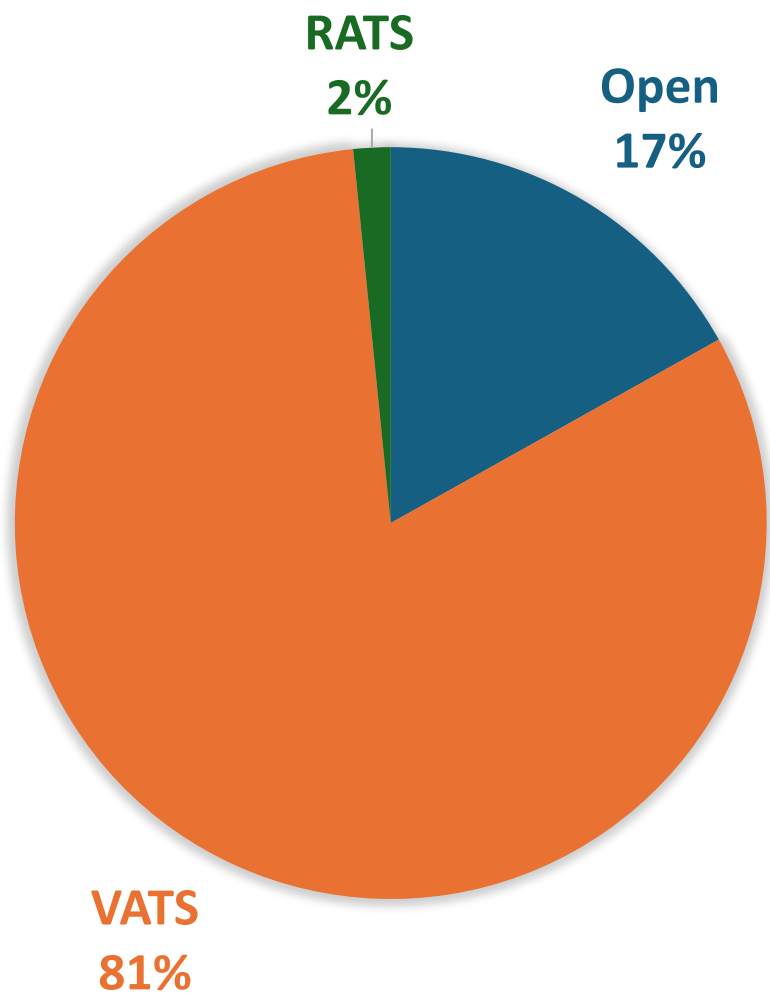
Overall Survival



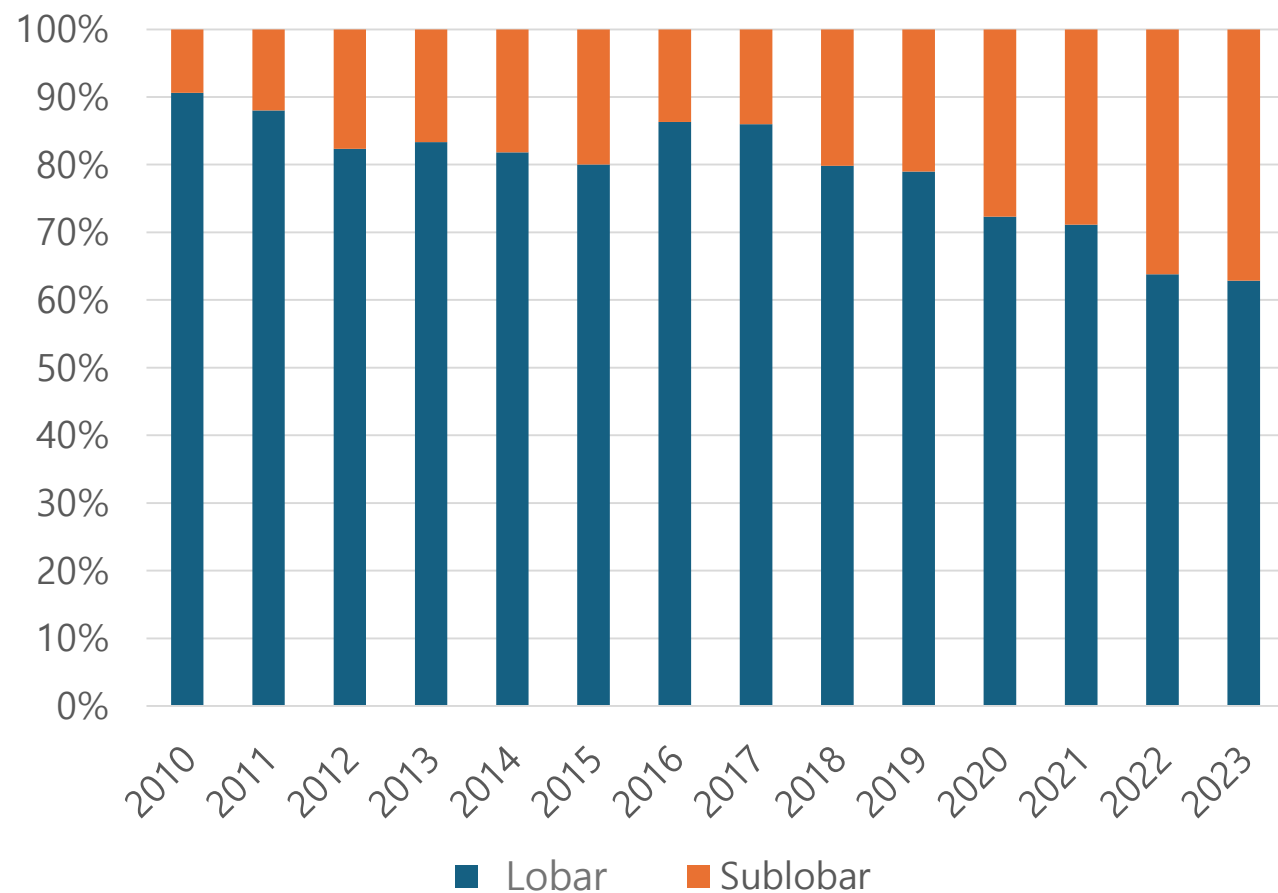
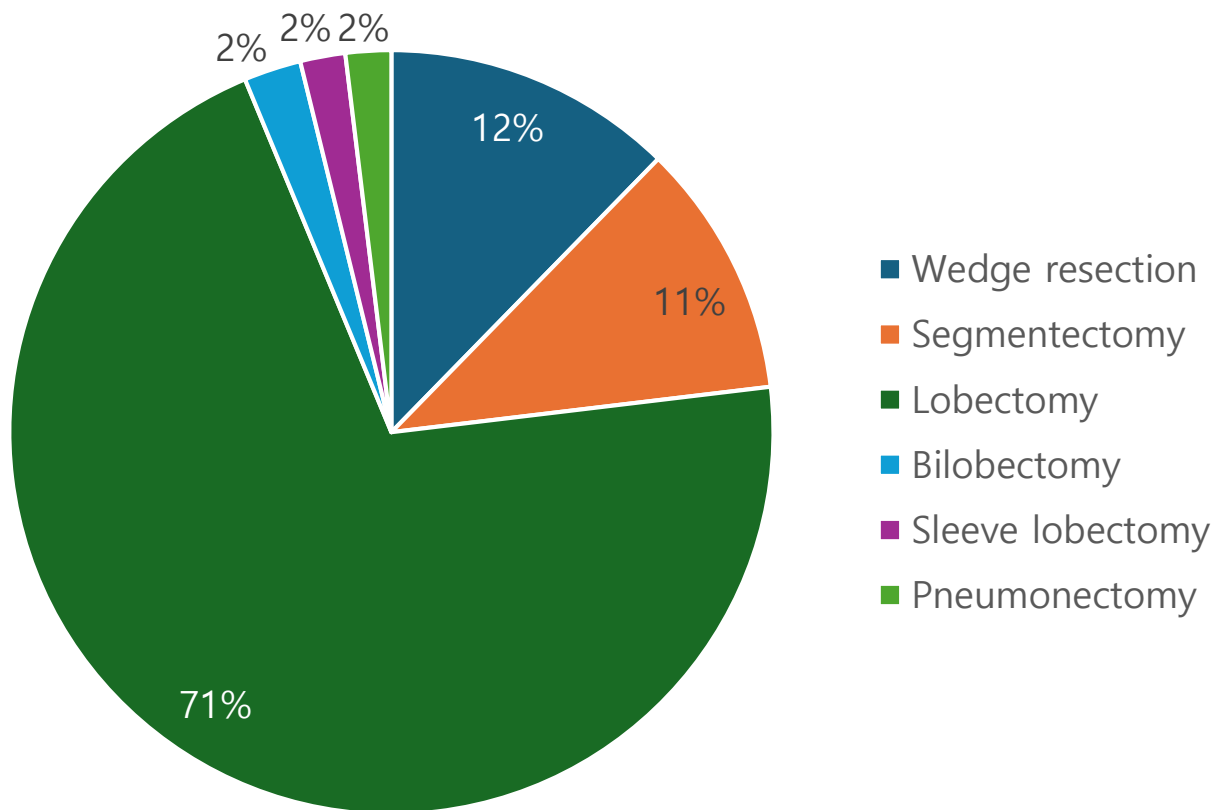
Freedom From Recurrence



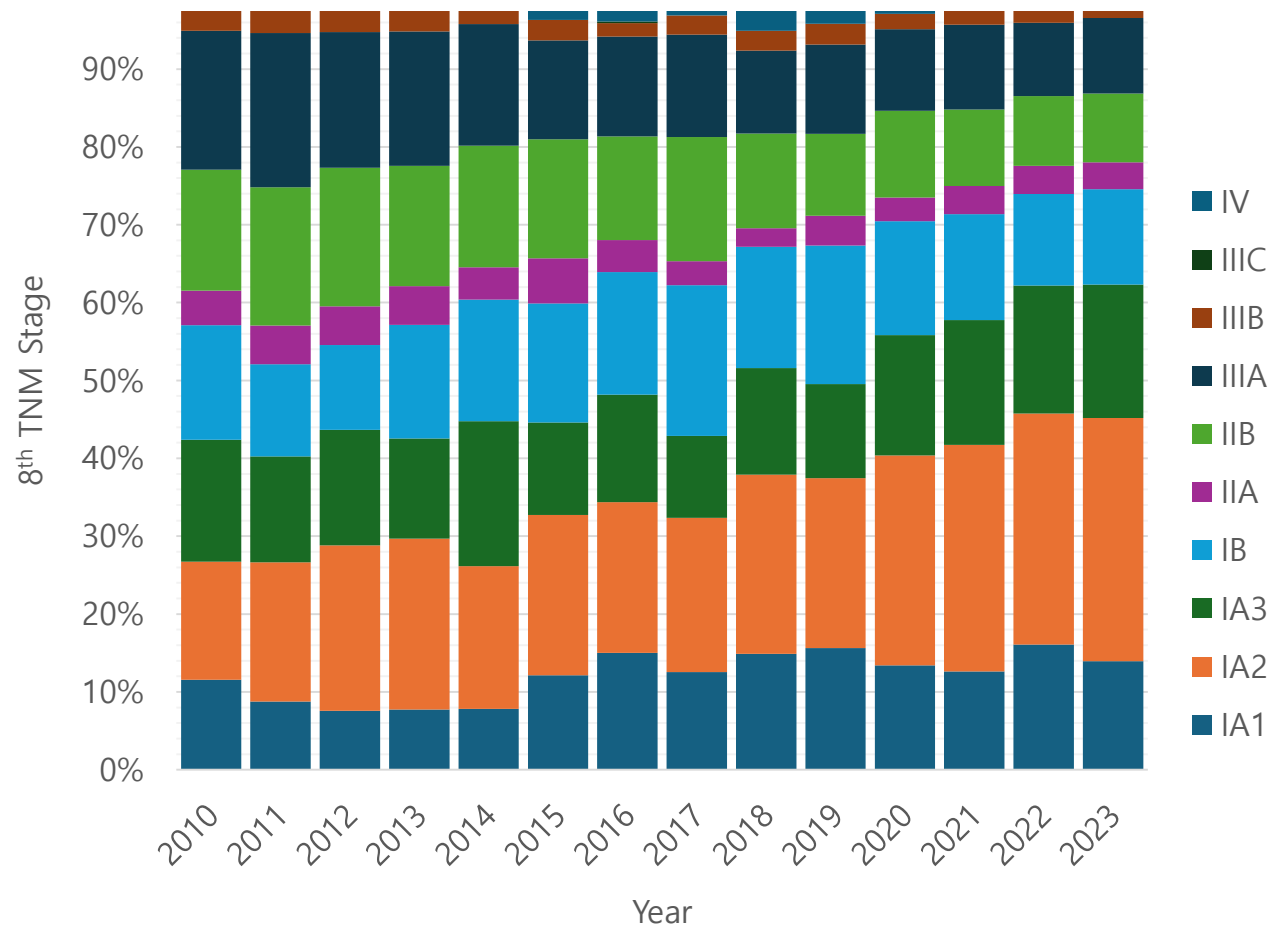
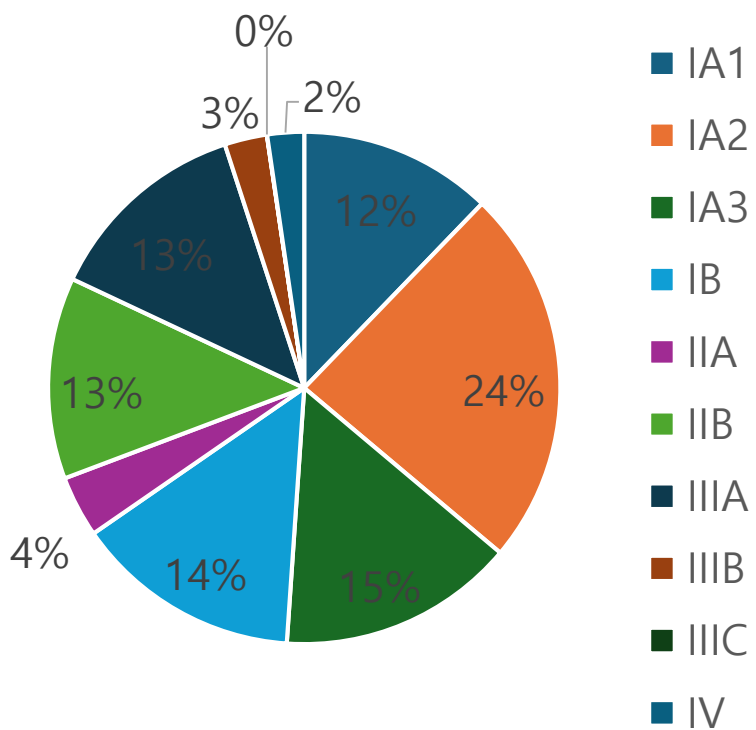
수술 접근법의 분포와 연도별 추이



폐절제 범위의 분포

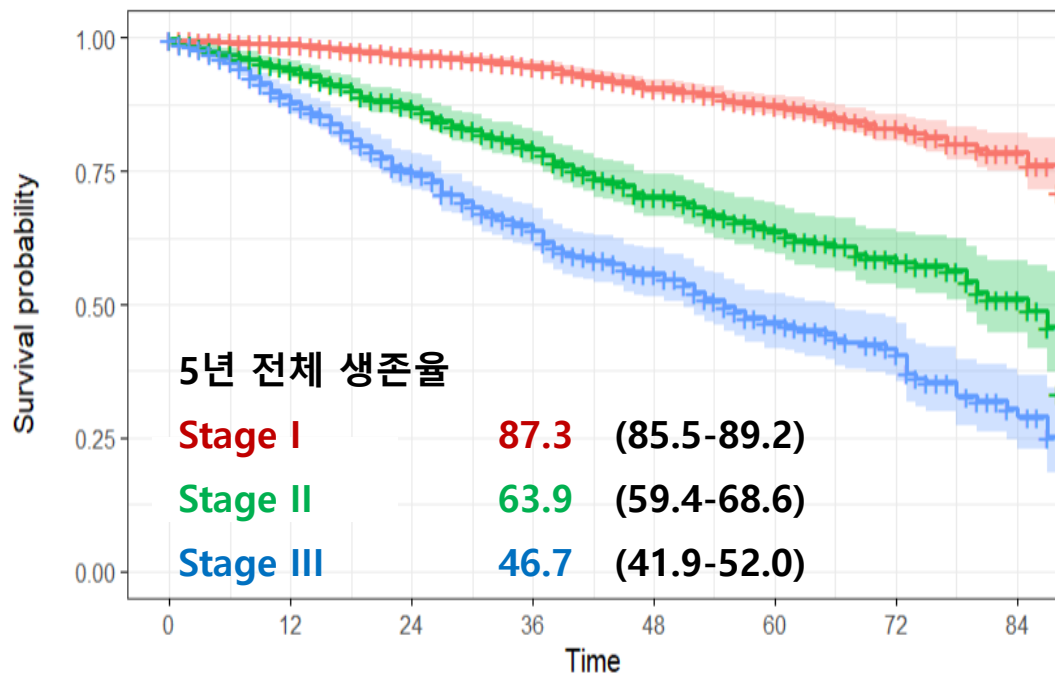


8th TNM 병기의 분포와 추이



8th TNM 병기에 따른 생존분석 결과

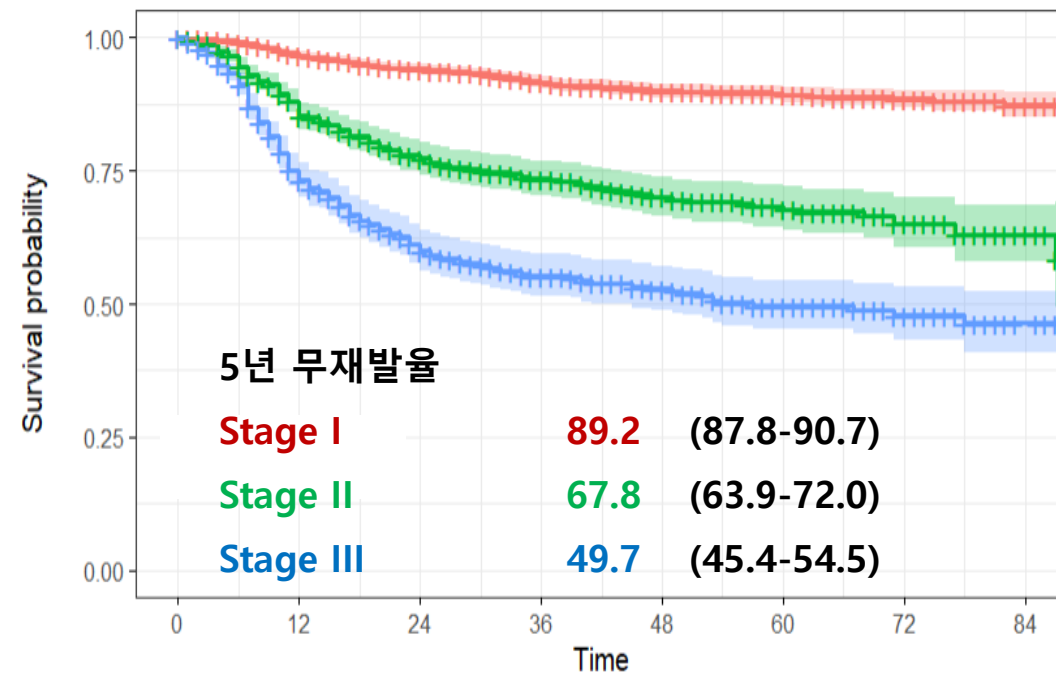
Overall Survival



Number at risk

Time (months)	0	12	24	36	48	60	72	84
Stage I	6095	2657	2206	1355	904	549	286	87
Stage II	1284	663	533	350	237	147	89	28
Stage III	1167	563	421	251	167	103	65	20

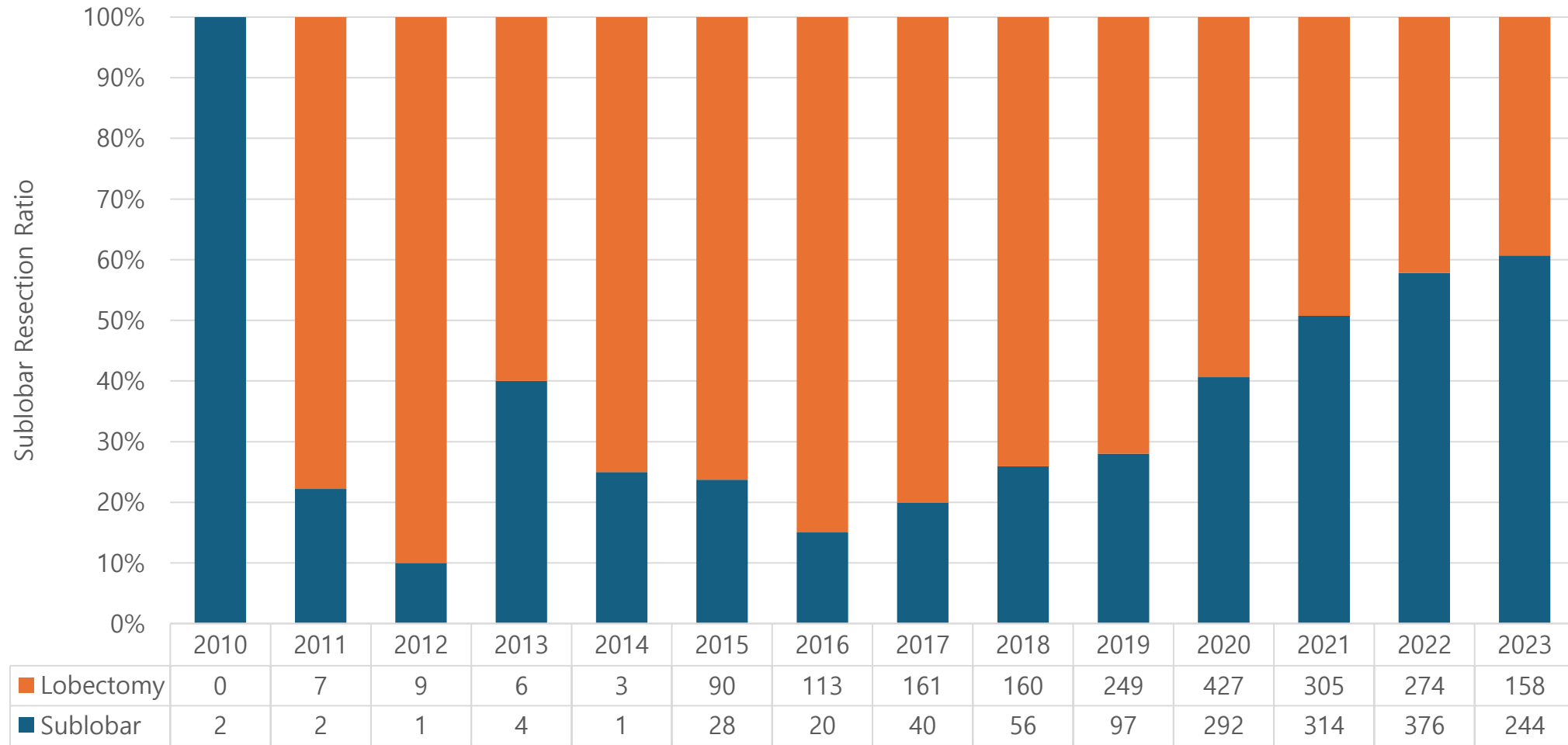
Freedom From Recurrence



Number at risk

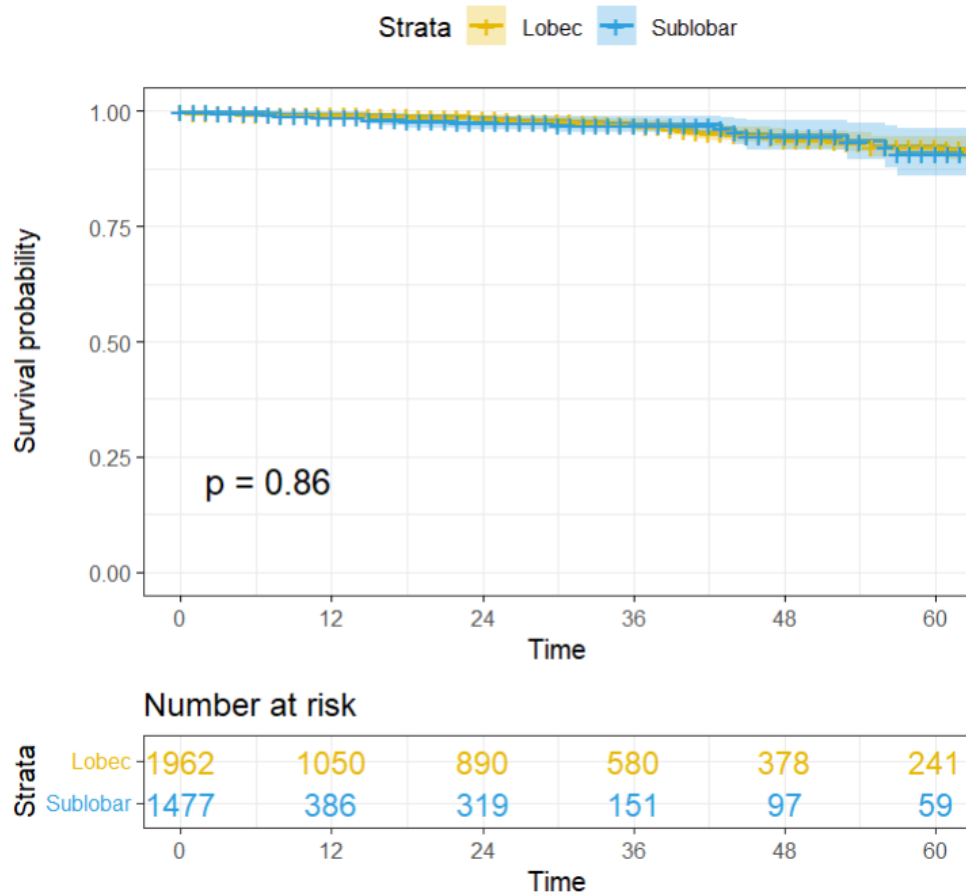
Time (months)	0	12	24	36	48	60	72	84
Stage I	6095	2621	2146	1295	873	545	285	80
Stage II	1284	616	467	307	217	138	83	24
Stage III	1167	482	338	193	136	80	48	10

2cm미만 종양(cT1abN0M0)에서 Sublobar Resection 비율의 연도별 추이

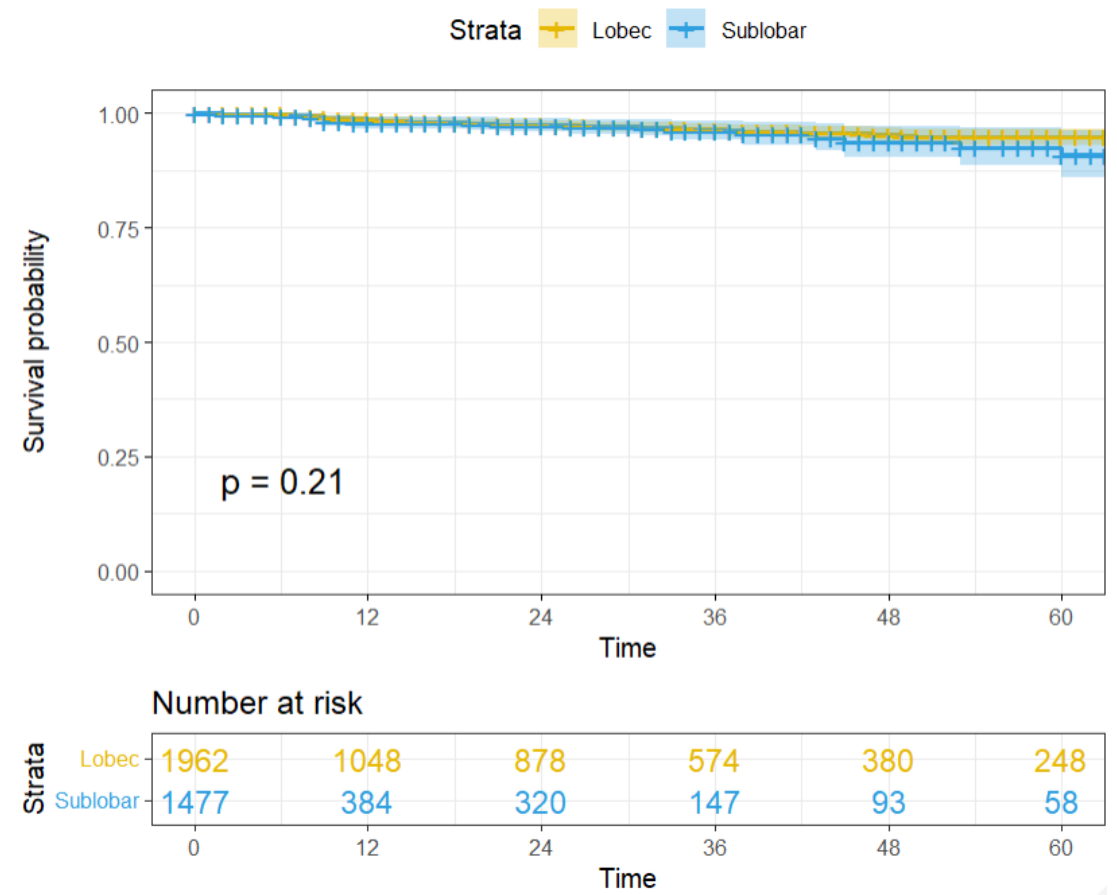


2cm미만 종양(cT1abN0M0)에서 절제범위에 따른 생존분석 결과

Overall Survival

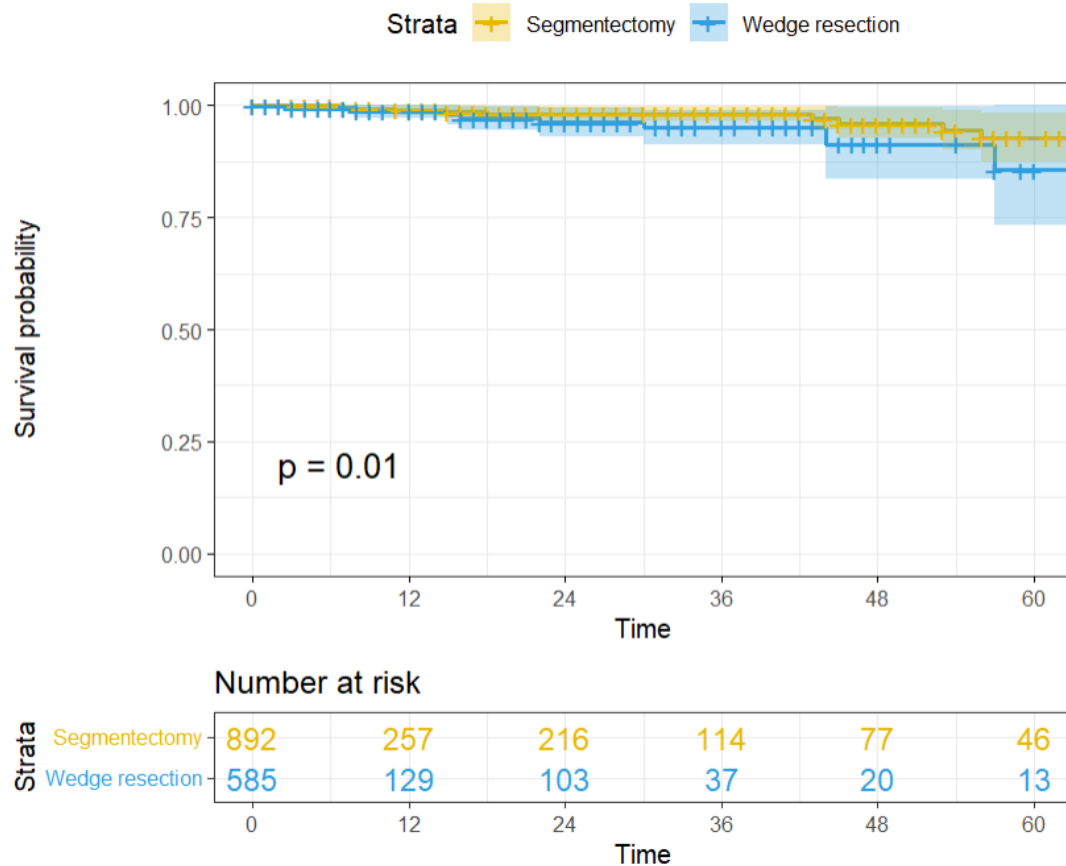


Freedom From Recurrence

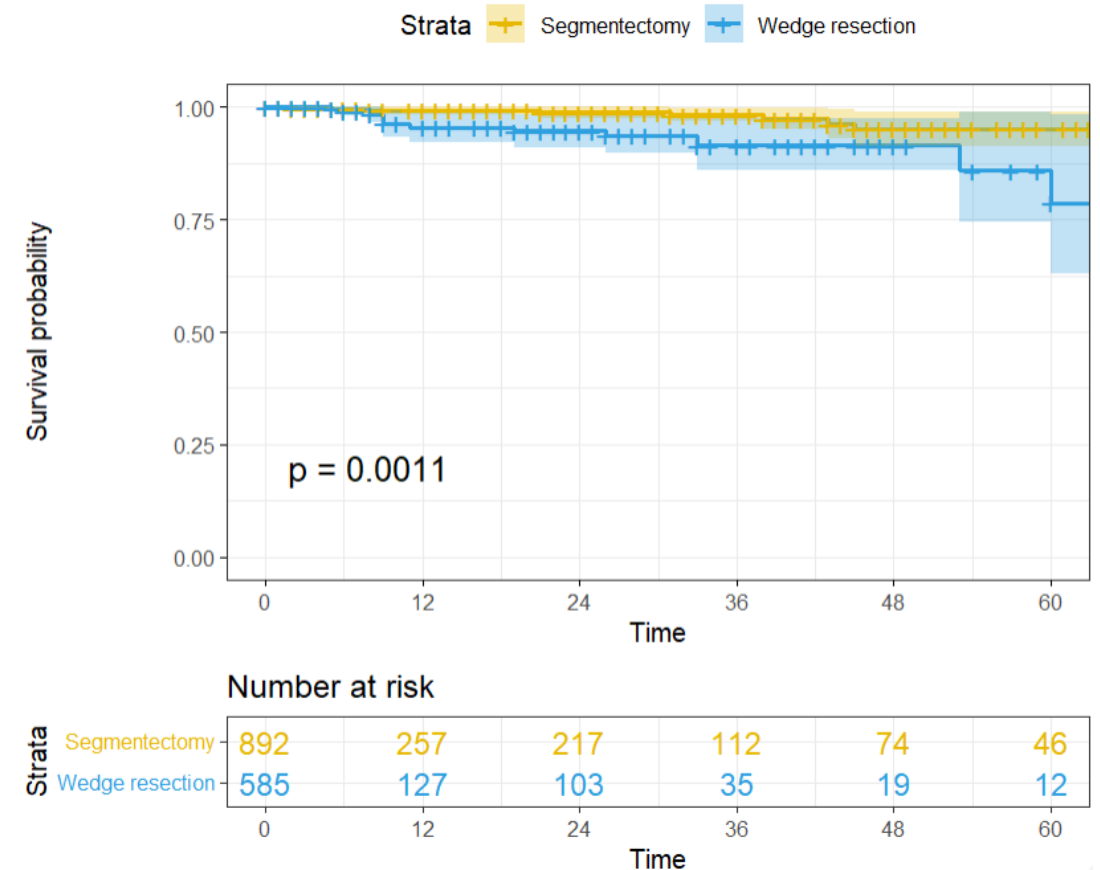


2cm미만 종양(cT1abN0M0)에서 절제범위에 따른 생존분석 결과

Overall Survival



Freedom From Recurrence



맺음말

- 자료 등록
 - 기관 참여 부족이 가장 큰 문제
 - 어떻게 활성화 시킬 것인가?
- 자료의 질문제
 - 누락 데이터항목 관리
 - 병원별로 참여 기간이 상이
 - 항목 개선 필요
- 자료의 이용
 - 자료 부실은 있지만, 분석할 만한 데이터가 축적됨
 - 연구 주제 공모 등을 통한 이용방안 모색
 - Authorship의 문제