Appendix A: An overview per disease of the distribution and source of the input parameters and a graphical representation of the output of the model.

Inhoud

[Peripheral arterial disease (Fontaine III/IV) 7](#_Toc43833191)

[Surgical procedure: Bypass surgery 7](#_Toc43833192)

[Aortic valve insufficiency or stenosis 8](#_Toc43833193)

[Surgical procedure: Aortic valve replacement (transaortic valve implantation) 8](#_Toc43833194)

[Renal cellular carcinoma, stage II/III 8](#_Toc43833195)

[Surgical procedure: Total nefrectomy 9](#_Toc43833196)

[Abdominal aneurysma of the aorta 10](#_Toc43833197)

[Surgical procedure: transabdominal repair 10](#_Toc43833198)

[Arrythmias (Wolf-Parkinson White, AV-nodal re-entry tachycardia, Flutter) 11](#_Toc43833199)

[Surgical procedure: pacemaker 11](#_Toc43833200)

[11](#_Toc43833201)

[Mitral valve regurgitation or stenosis 12](#_Toc43833202)

[Surgical procedure: mitral valve replacement (thoracotomy) 12](#_Toc43833203)

[Aortic valve stenosis 13](#_Toc43833204)

[Surgical procedure: aortic valve replacement (thoracotomy) 13](#_Toc43833205)

[Cholangeocarcinoma 14](#_Toc43833206)

[Surgical procedure: surgical resection 14](#_Toc43833207)

[End-stage renal disease 15](#_Toc43833208)

[Surgical procedure: living donor kidney transplant 15](#_Toc43833209)

[Non-small cell lung carcinoma 16](#_Toc43833210)

[Surgical procedure: lobectomy 16](#_Toc43833211)

[Coloncarcinoma with liver metastases 17](#_Toc43833212)

[Surgical procedure: hepatectomy 17](#_Toc43833213)

[Renal cell carcinoma, stage I 18](#_Toc43833214)

[Surgical procedure: partial nefrectomy 18](#_Toc43833215)

[End-stage liver disease 19](#_Toc43833216)

[Surgical procedure: living donor liver transplant 19](#_Toc43833217)

[End-stage heart failure 20](#_Toc43833218)

[Surgical procedure: implantation of a left ventricle assist device 20](#_Toc43833219)

[Laryngeal carcinoma 21](#_Toc43833220)

[Surgical procedure: surgical resection 21](#_Toc43833221)

[21](#_Toc43833222)

[Aortic valve insufficiency 22](#_Toc43833223)

[Abdominal aneurysm of the aorta 23](#_Toc43833224)

[Adults with untreated atrial septum defect 24](#_Toc43833225)

[Penis carcinoma 25](#_Toc43833226)

[Pancreas carcinoma 26](#_Toc43833227)

[Instable angina pectoris 27](#_Toc43833228)

[Instable angina pectoris 28](#_Toc43833229)

[Hepatocellular carcinoma 29](#_Toc43833230)

[Colon carcinoma with peritoneal metastases 30](#_Toc43833231)

[Ovarium carcinoma 31](#_Toc43833232)

[Oral carcinoma 32](#_Toc43833233)

[High-risk endometrium carcinoma 33](#_Toc43833234)

[Upper urinary tract carcinoma 34](#_Toc43833235)

[Muscle invasive bladder cancer 35](#_Toc43833236)

[Resectable mammacarcinoma 36](#_Toc43833237)

[Empyema 37](#_Toc43833238)

[High-grade glioma 38](#_Toc43833239)

[Symptomatic carotid artery plaques 39](#_Toc43833240)

[Cervical cancer 40](#_Toc43833241)

[Low-grade glioma 41](#_Toc43833242)

[Low-risk endometrium carcinoma 42](#_Toc43833243)

[Fontaine II peripheral artery disease 43](#_Toc43833244)

[Resectable mammacarcinoma 44](#_Toc43833245)

[COPD with substantial emphysema 45](#_Toc43833246)

[Recurrent pneumothorax 46](#_Toc43833247)

[Mild salivary gland carcinoma 47](#_Toc43833248)

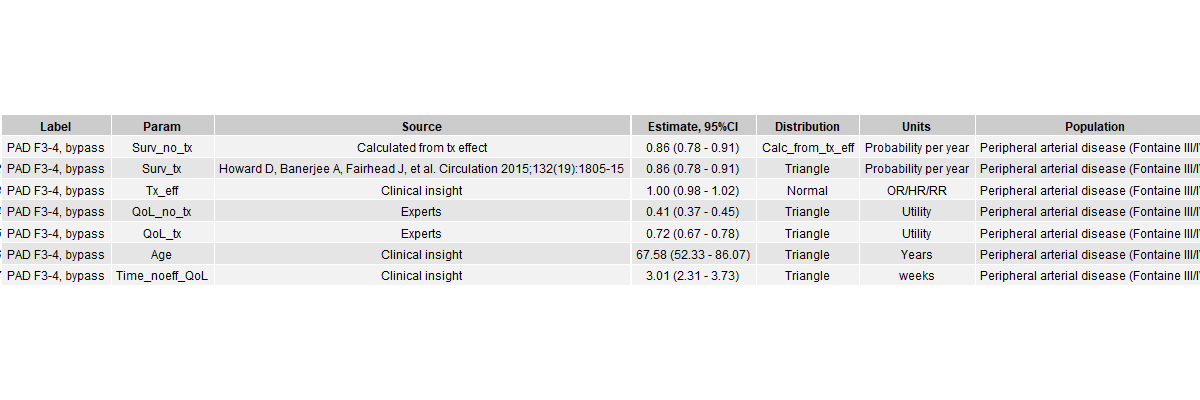
[Mild salivary gland carcinoma 48](#_Toc43833249)

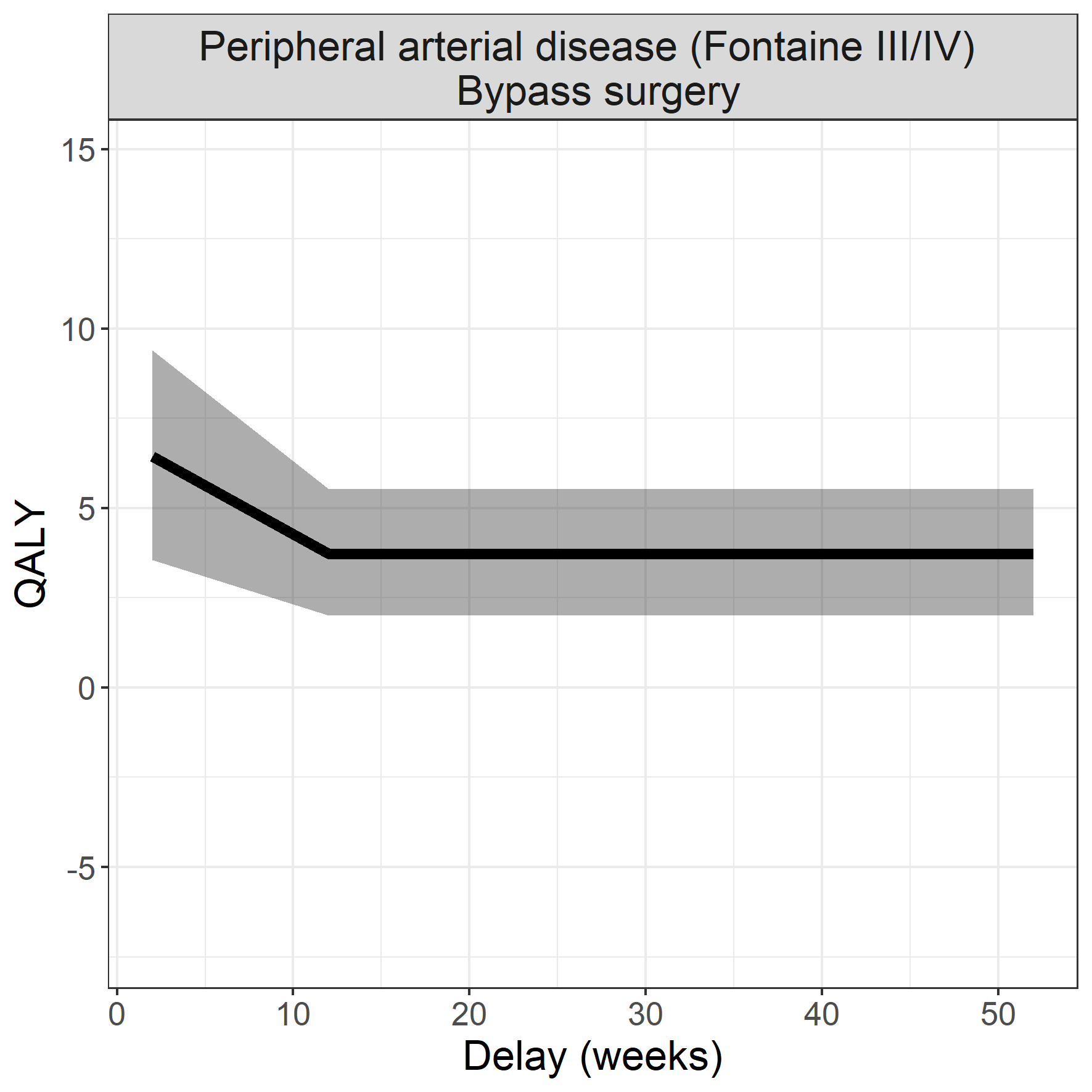
[End-stage renal disease 49](#_Toc43833250)

[49](#_Toc43833251)

## Peripheral arterial disease (Fontaine III/IV)

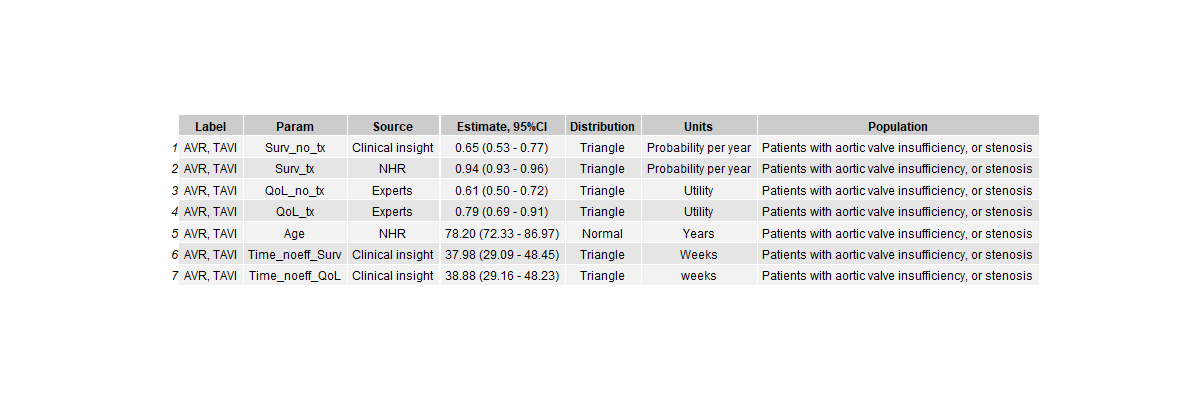
### Surgical procedure: Bypass surgery





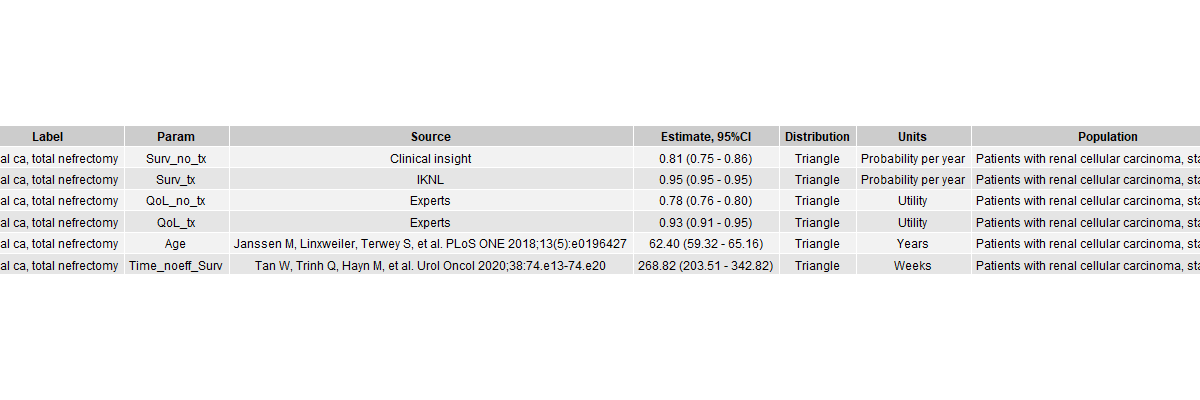
## Aortic valve insufficiency or stenosis

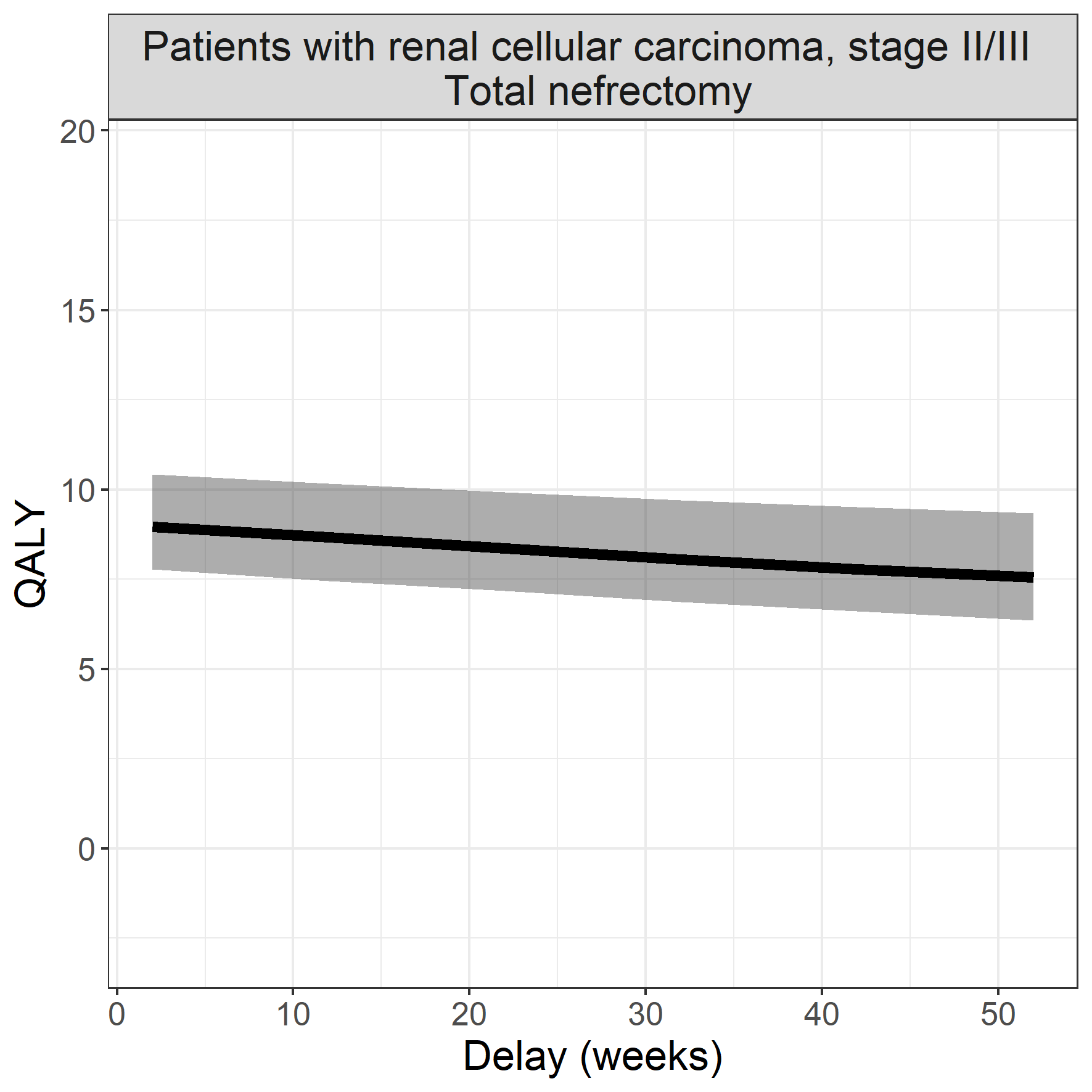
### Surgical procedure: Aortic valve replacement (transaortic valve implantation)



## Renal cellular carcinoma, stage II/III

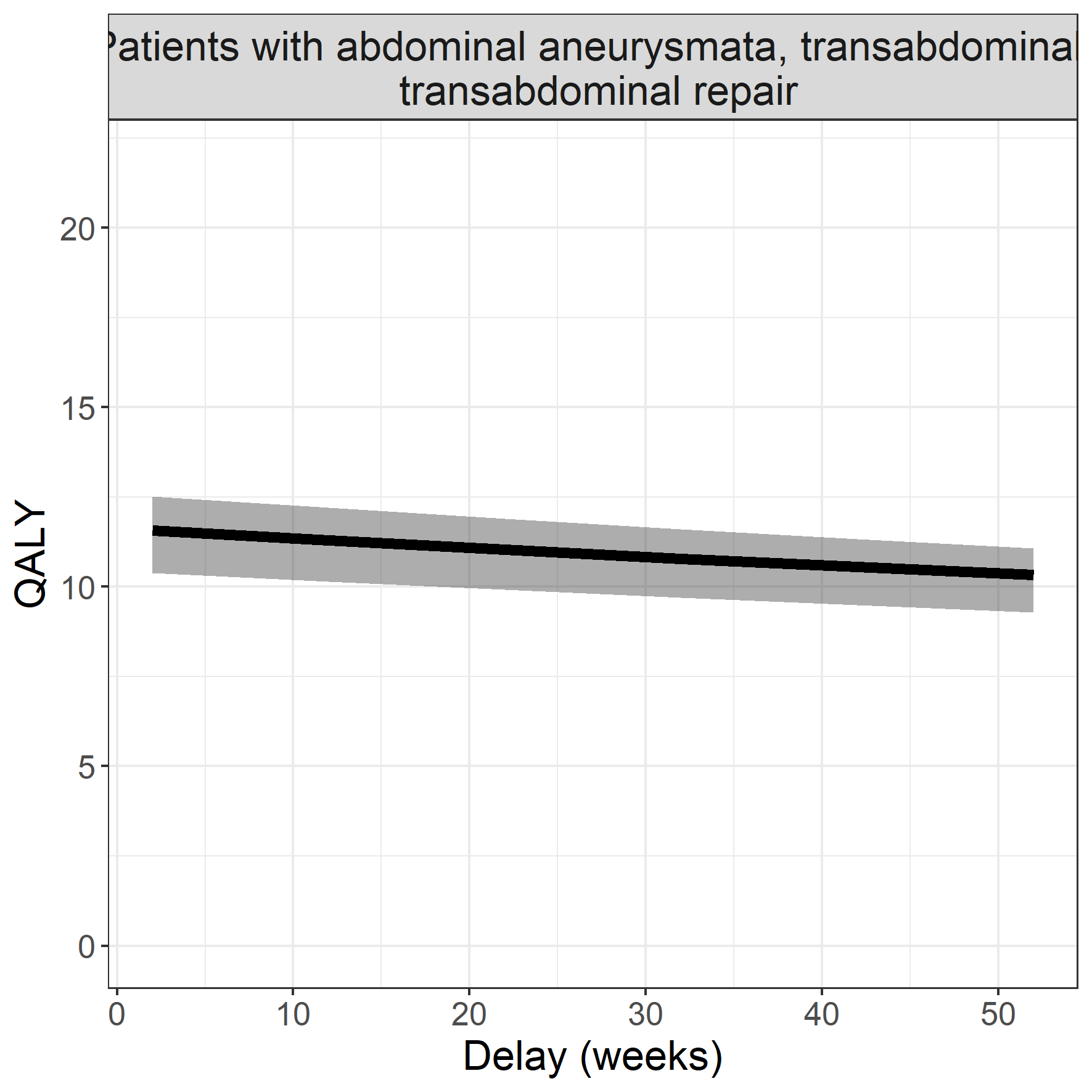
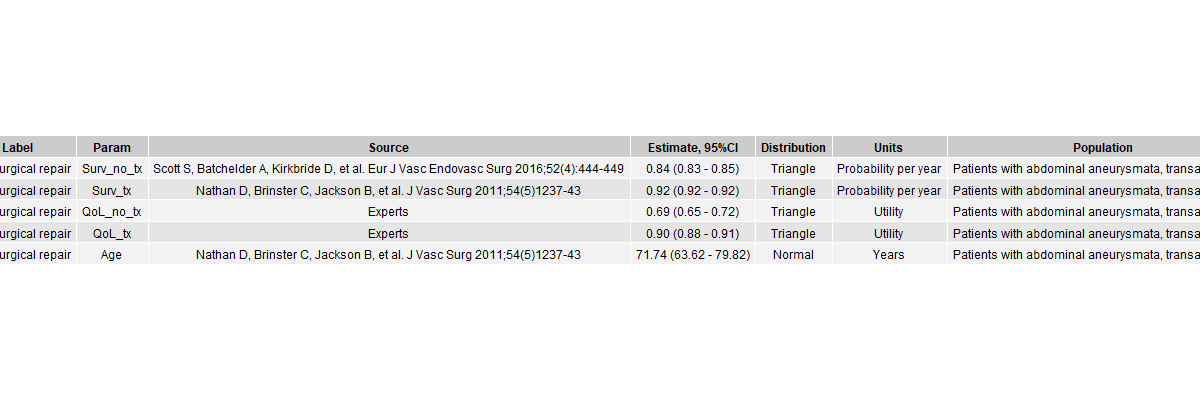
### Surgical procedure: Total nefrectomy





## Abdominal aneurysma of the aorta

### Surgical procedure: transabdominal repair



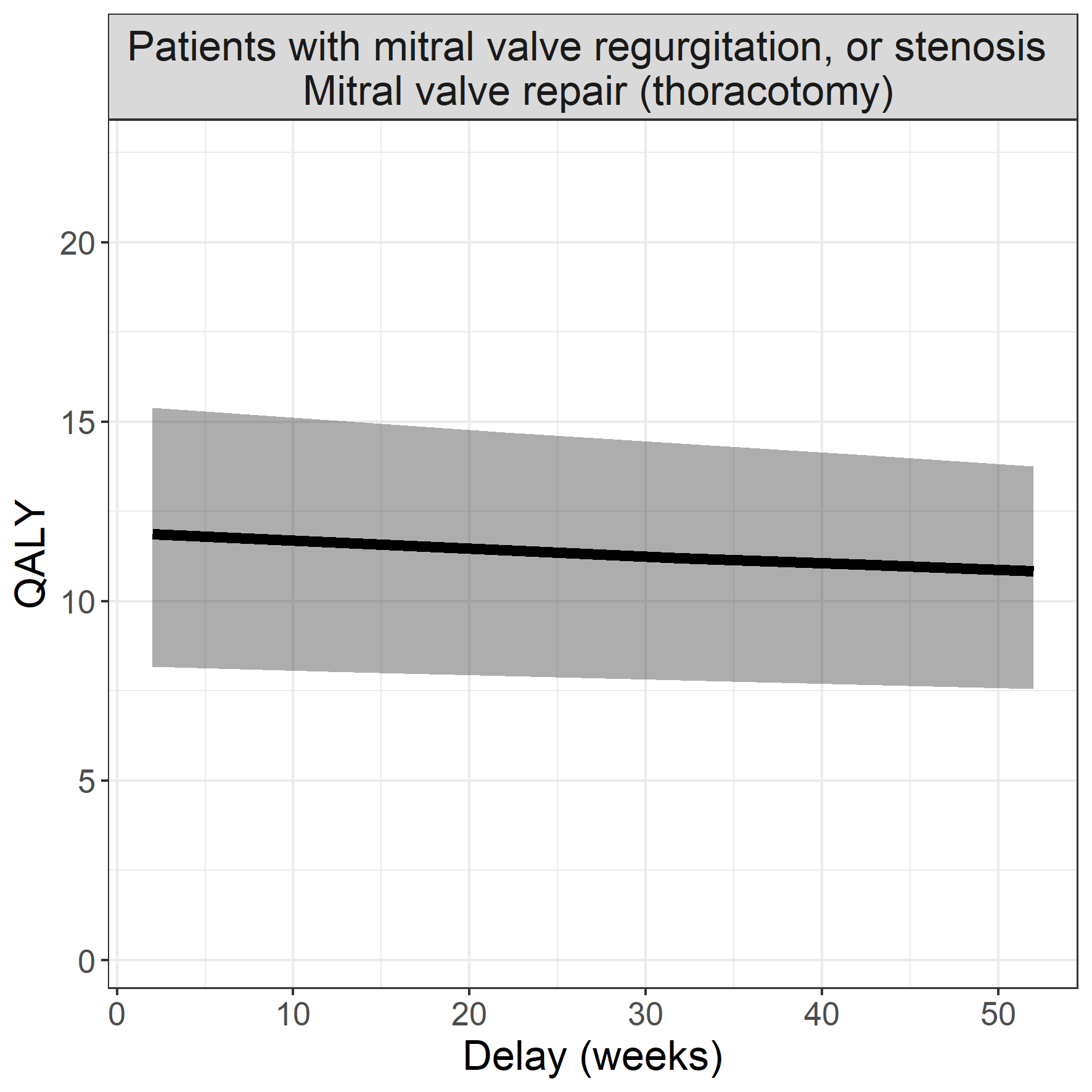
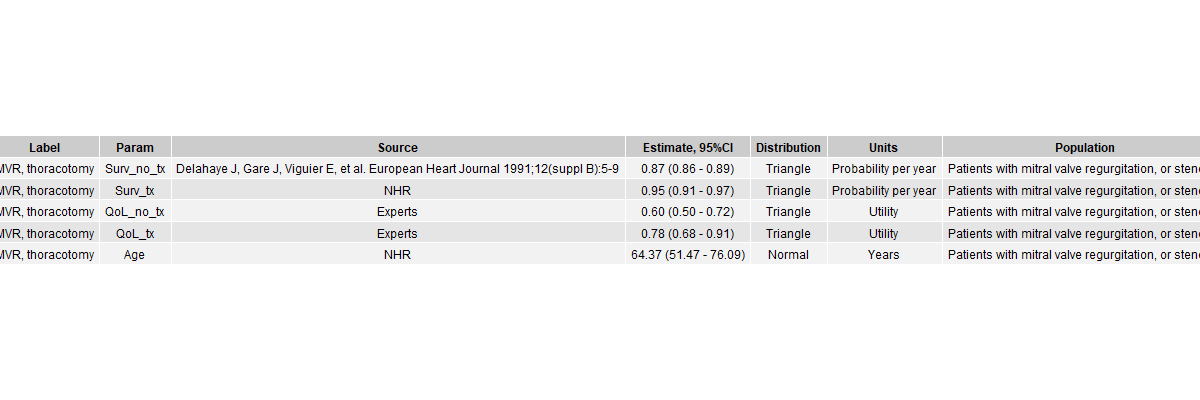
## Arrythmias (Wolf-Parkinson White, AV-nodal re-entry tachycardia, Flutter)

### Surgical procedure: pacemaker

## 

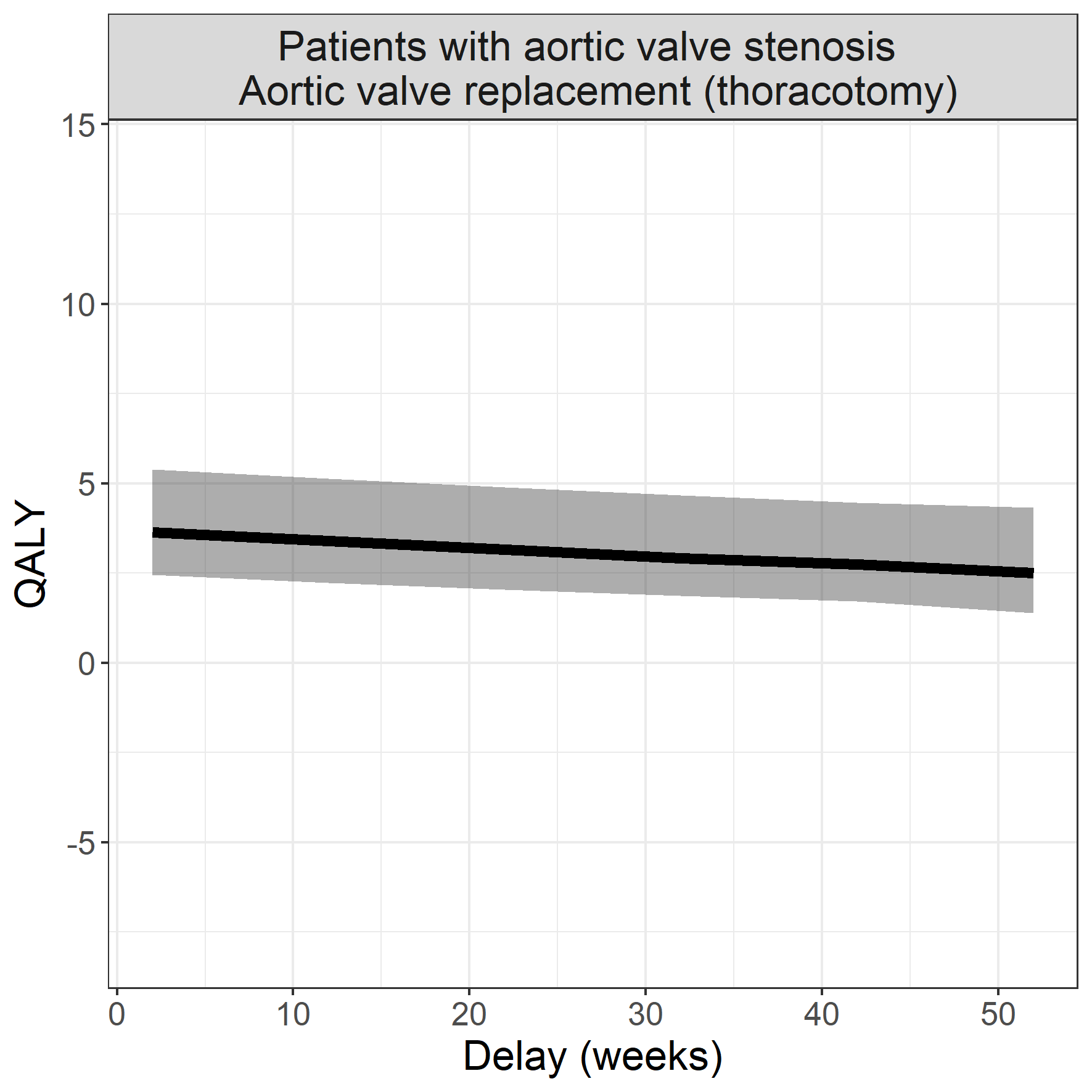
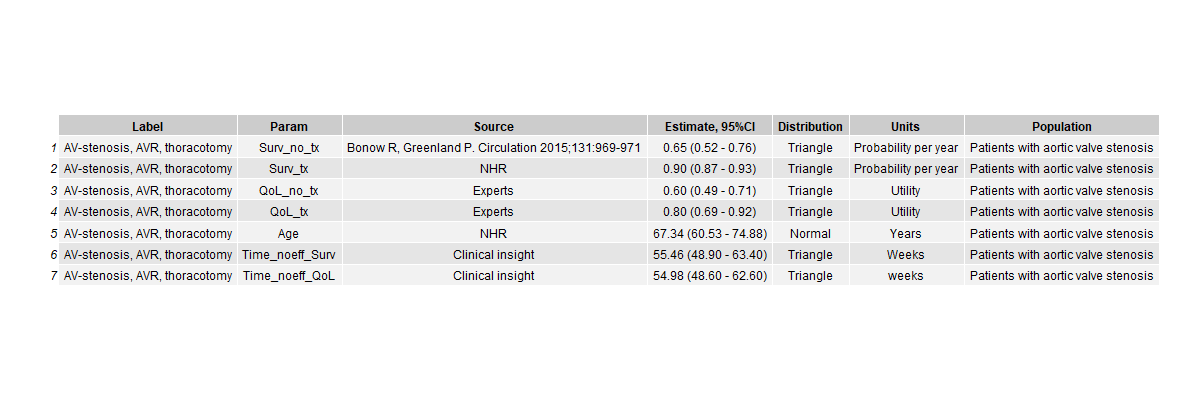
## Mitral valve regurgitation or stenosis

### Surgical procedure: mitral valve replacement (thoracotomy)



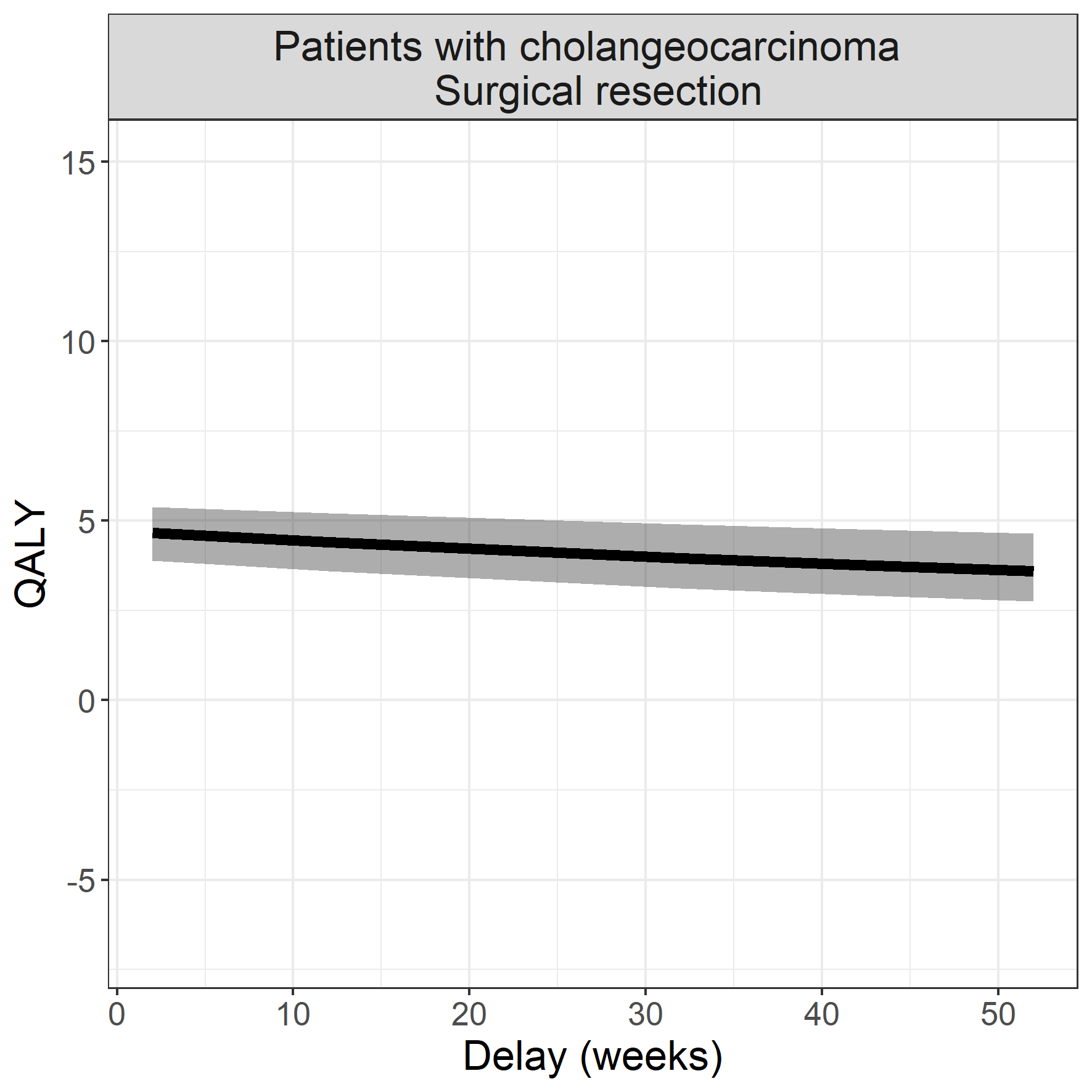
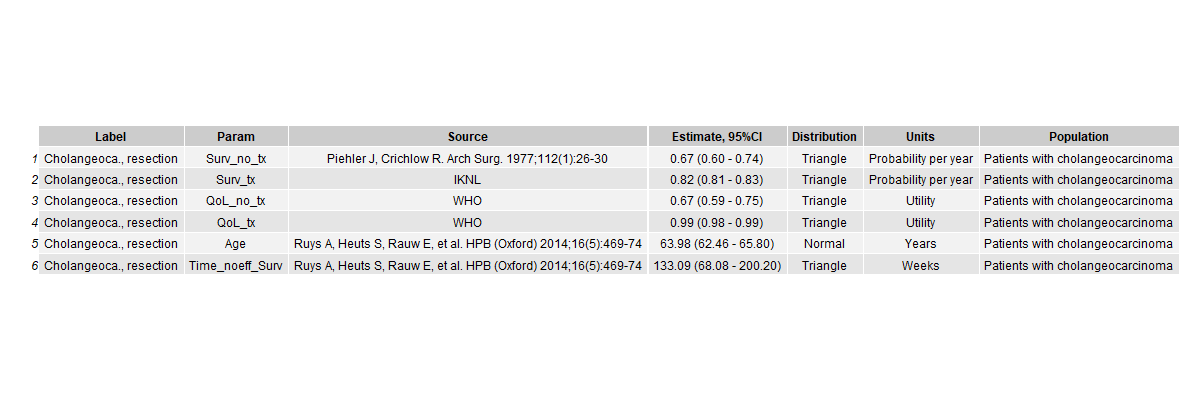
## Aortic valve stenosis

### Surgical procedure: aortic valve replacement (thoracotomy)



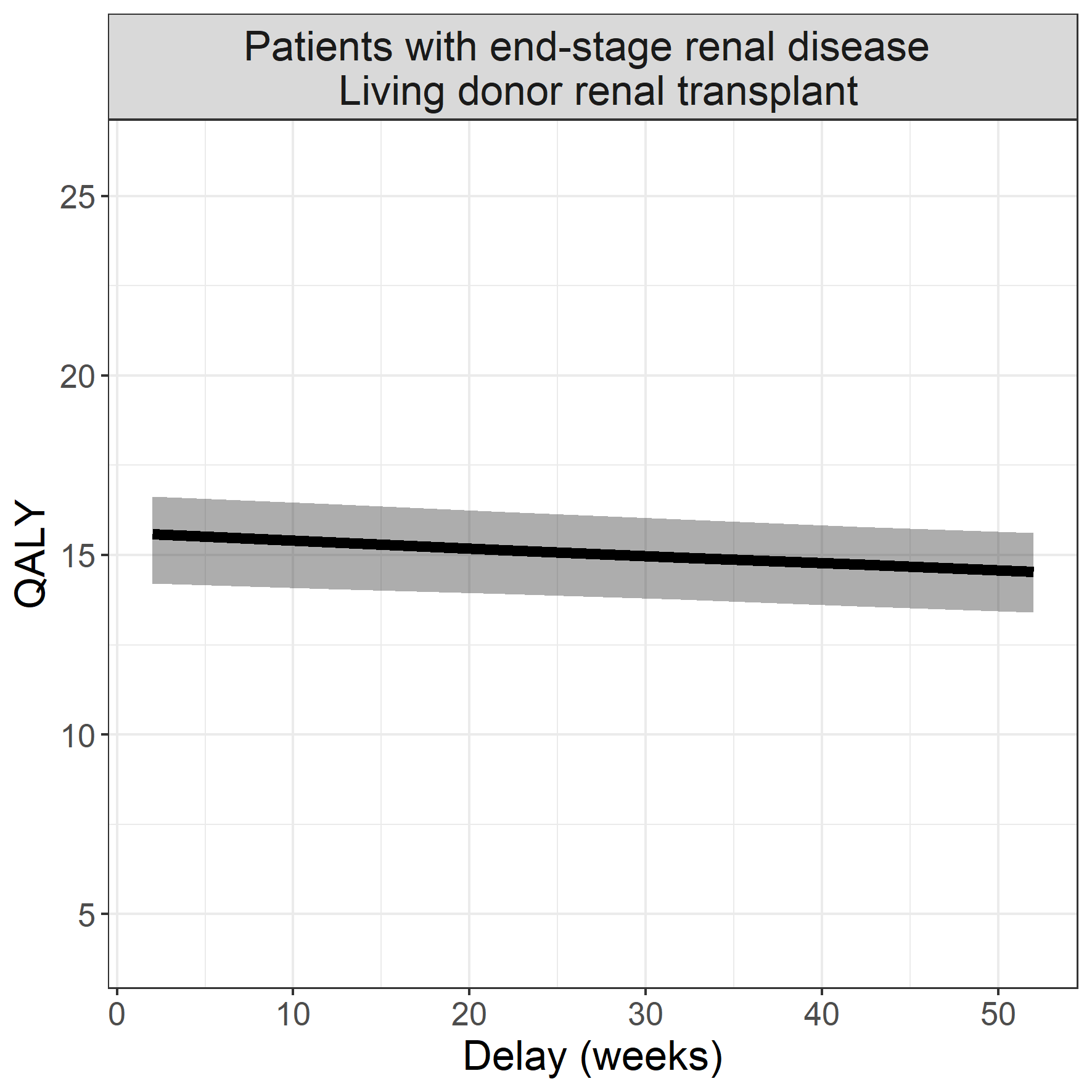
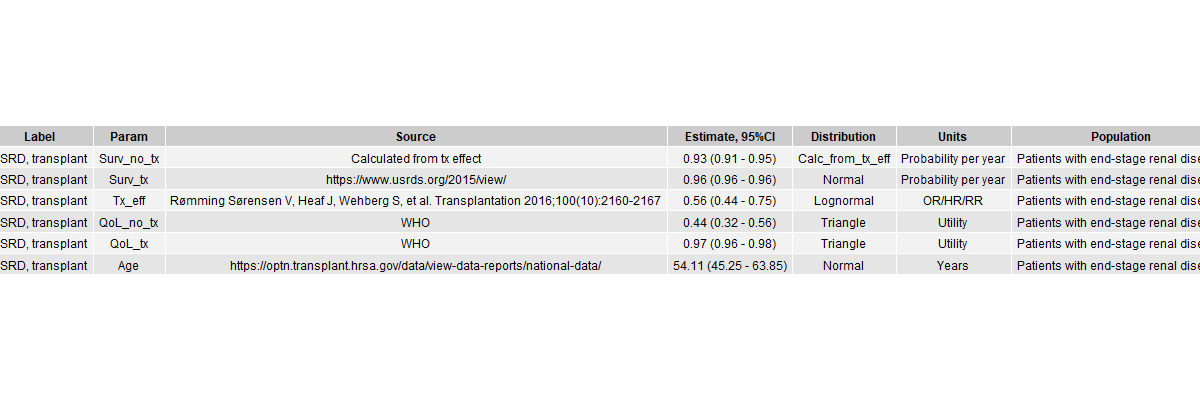
## Cholangeocarcinoma

### Surgical procedure: surgical resection



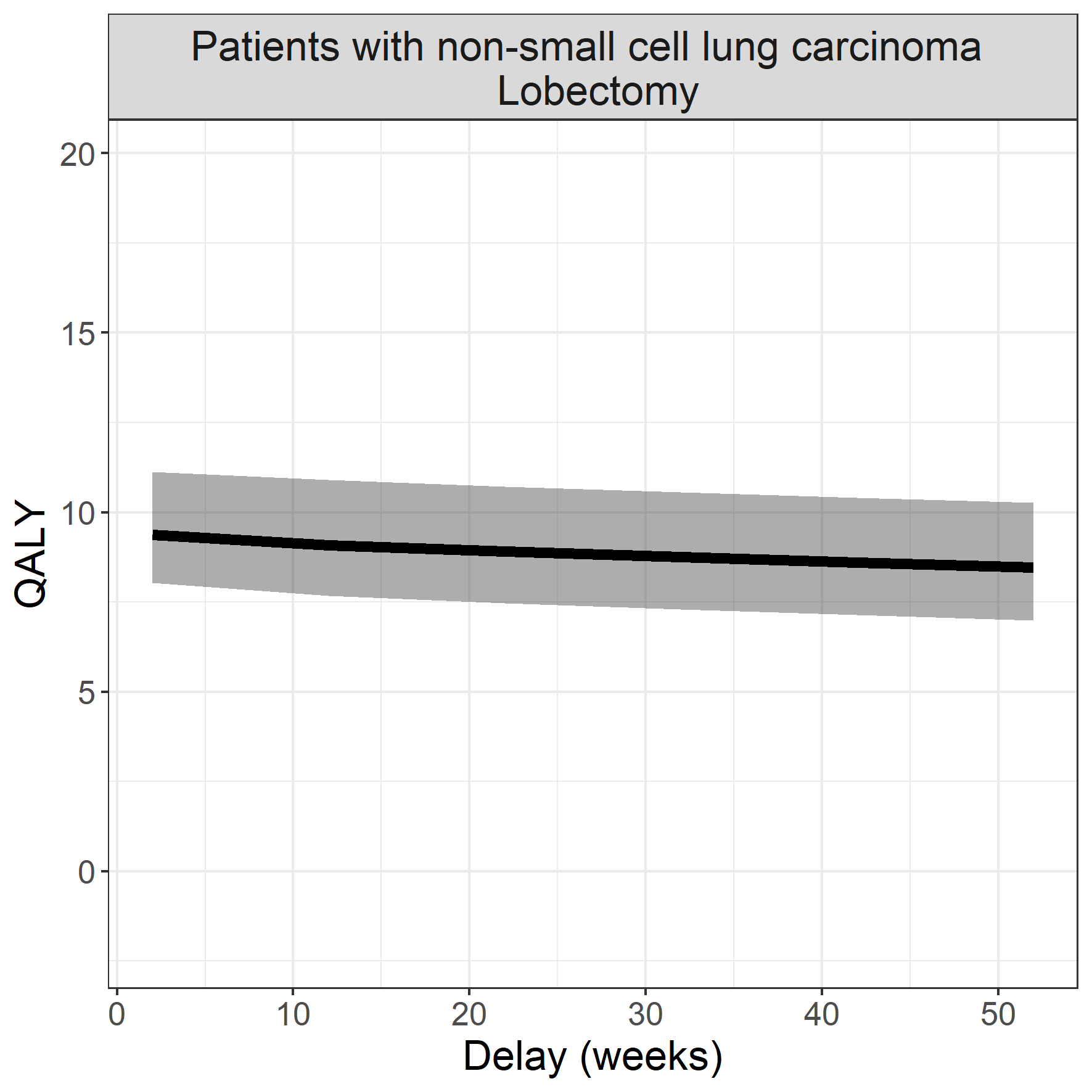
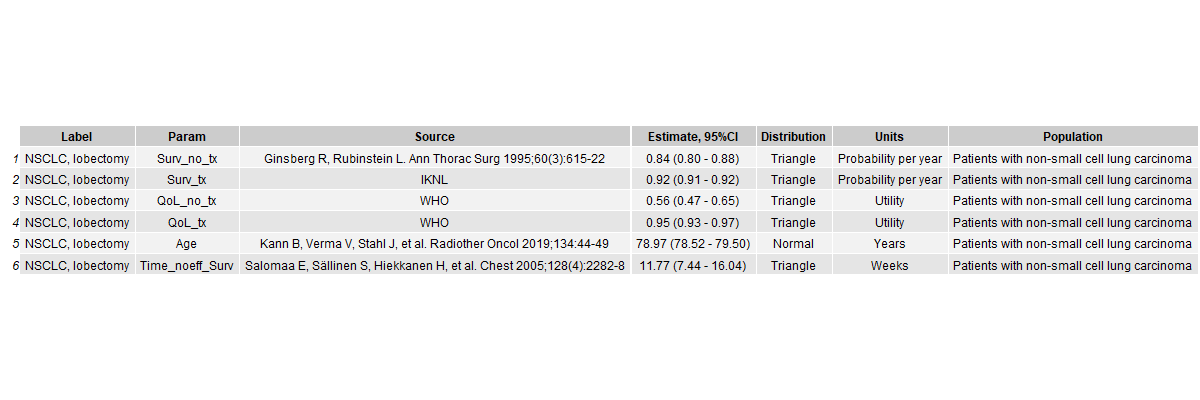
## End-stage renal disease

### Surgical procedure: living donor kidney transplant



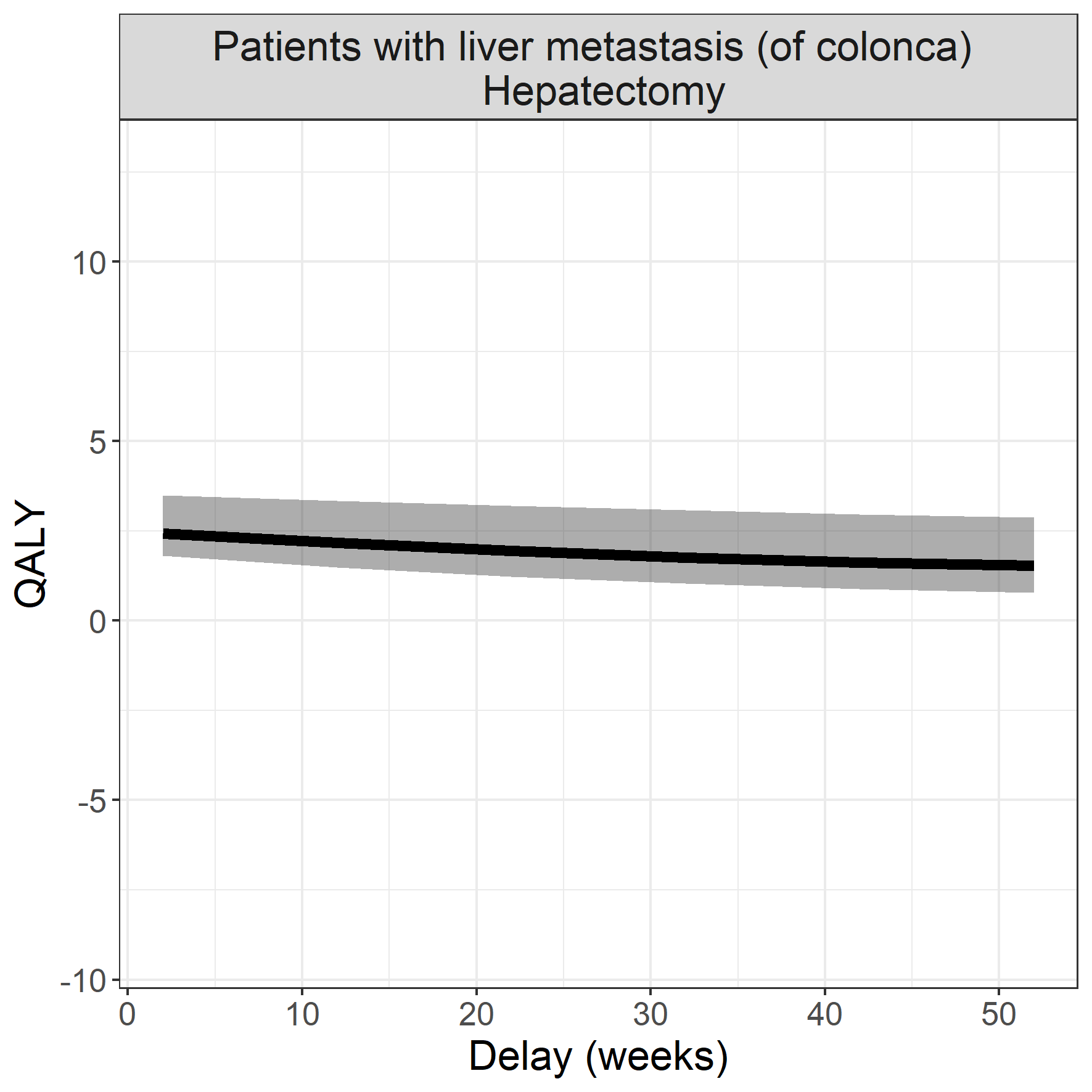
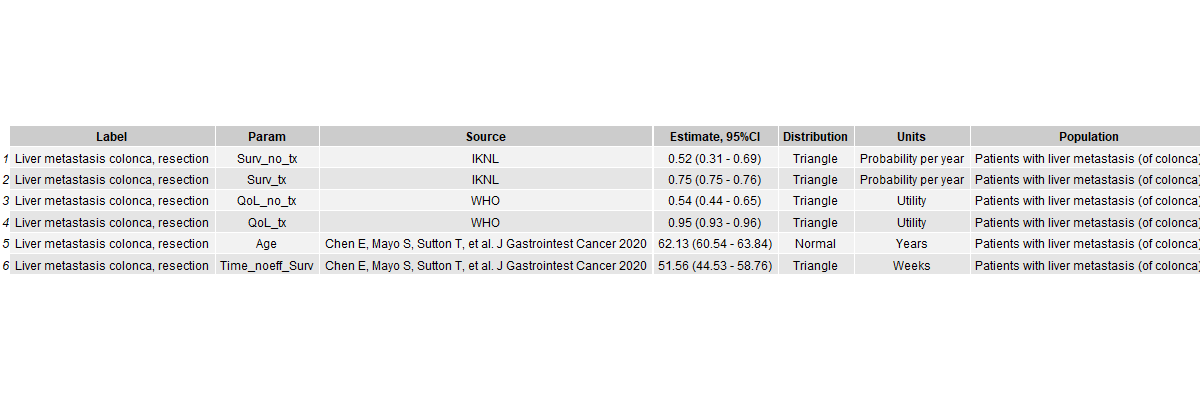
## Non-small cell lung carcinoma

### Surgical procedure: lobectomy



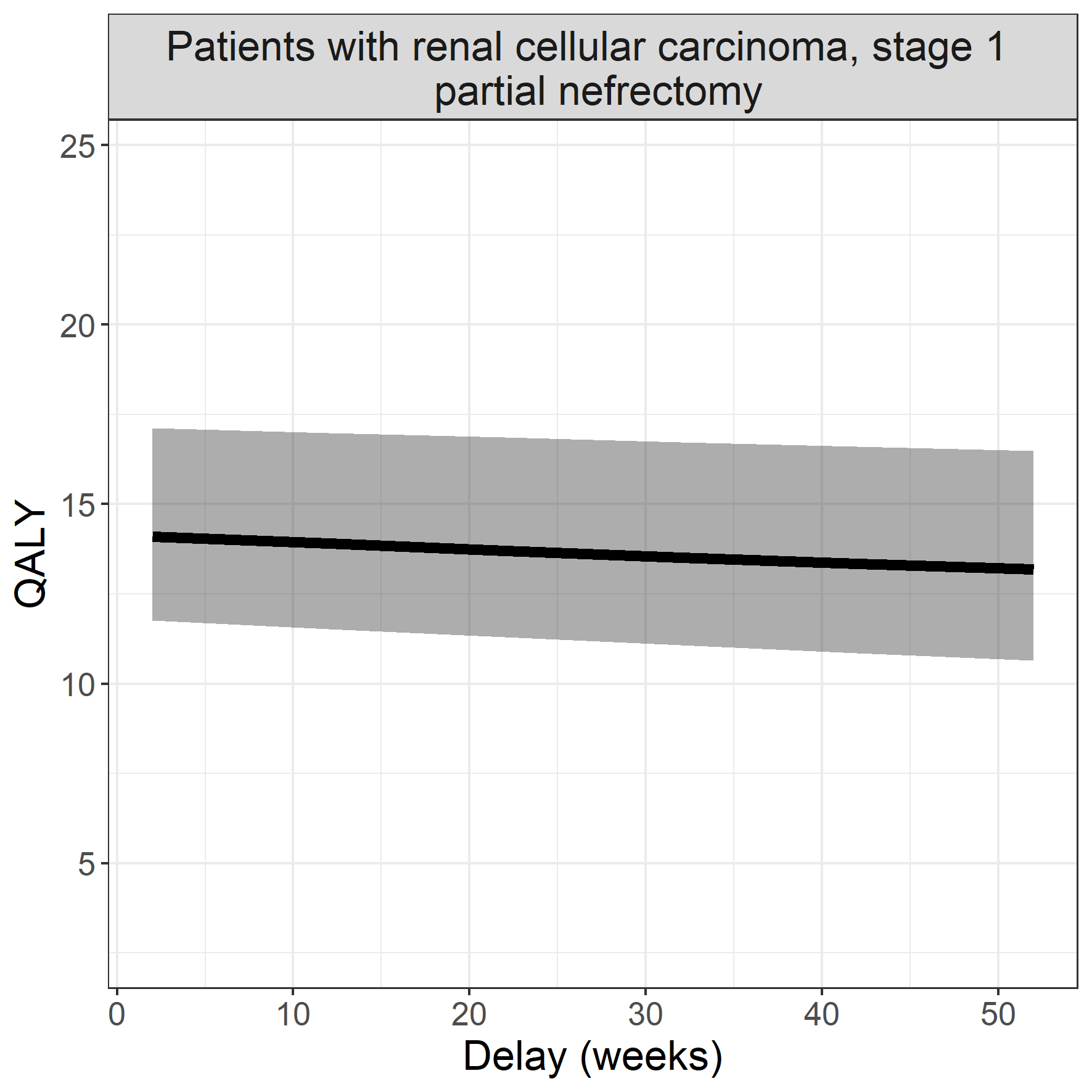
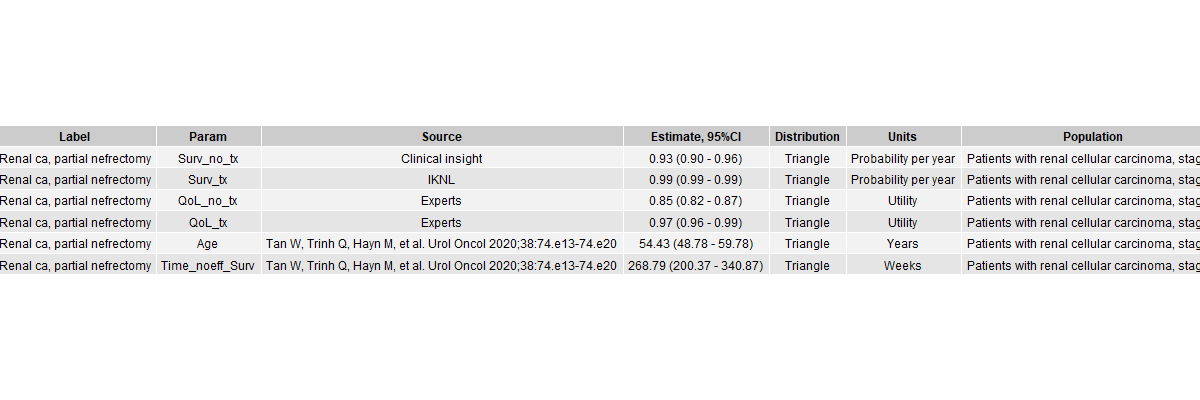
## Coloncarcinoma with liver metastases

### Surgical procedure: hepatectomy



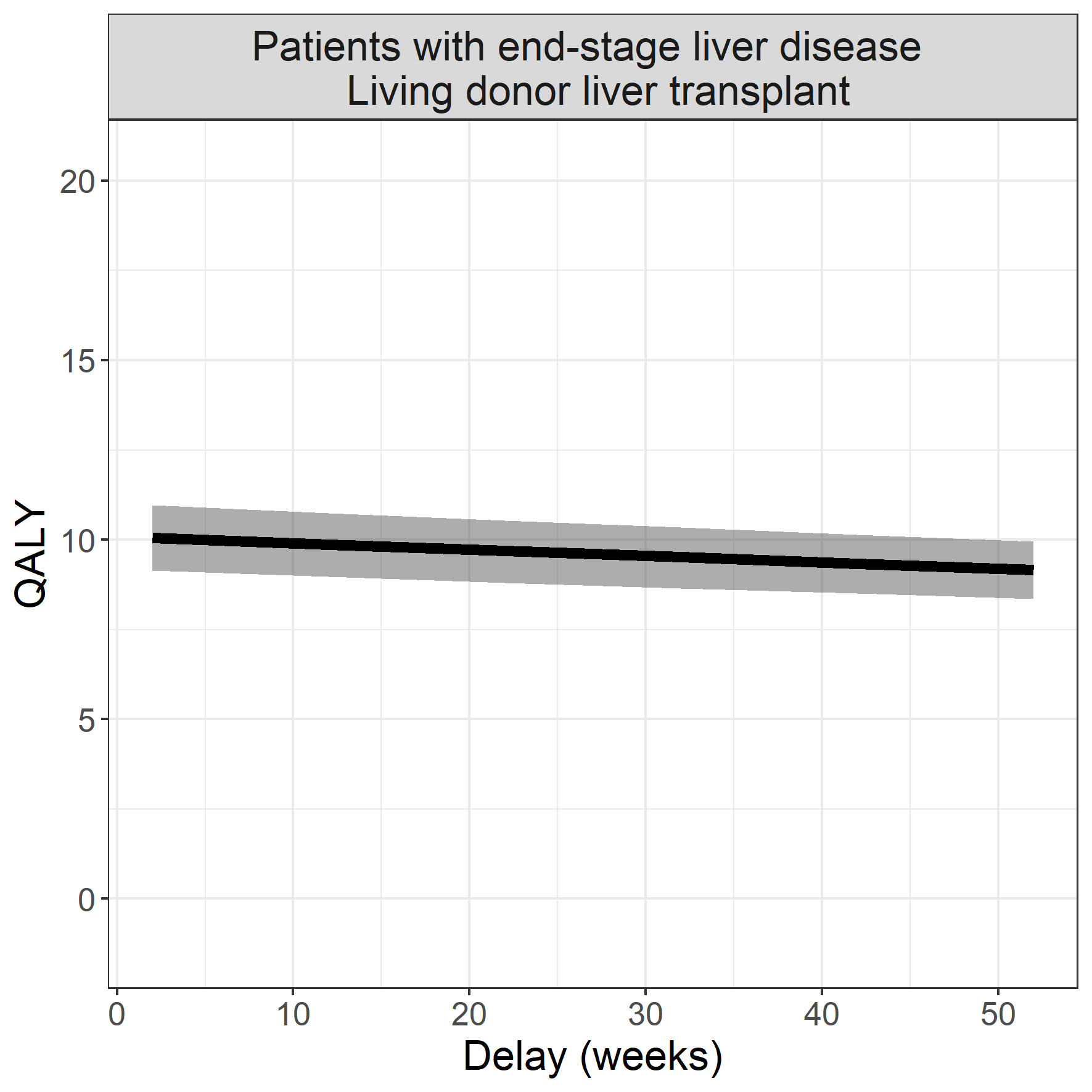
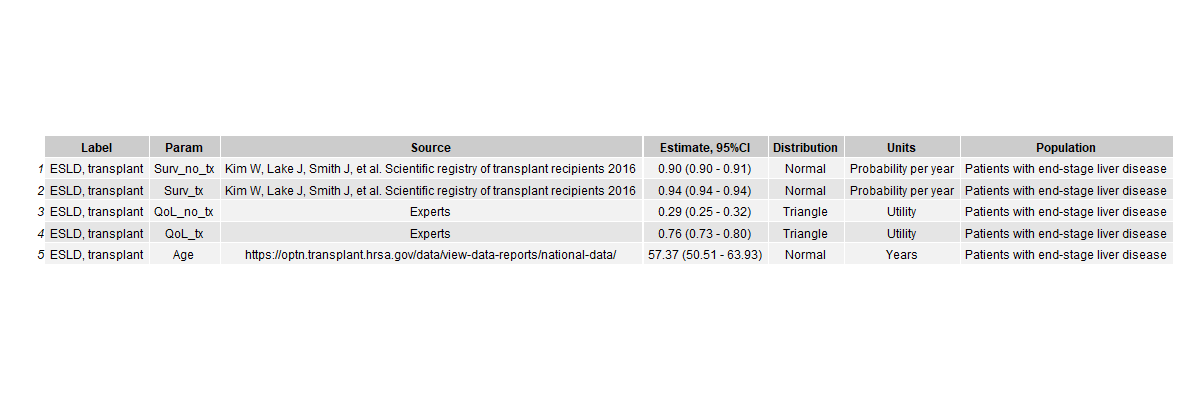
## Renal cell carcinoma, stage I

### Surgical procedure: partial nefrectomy



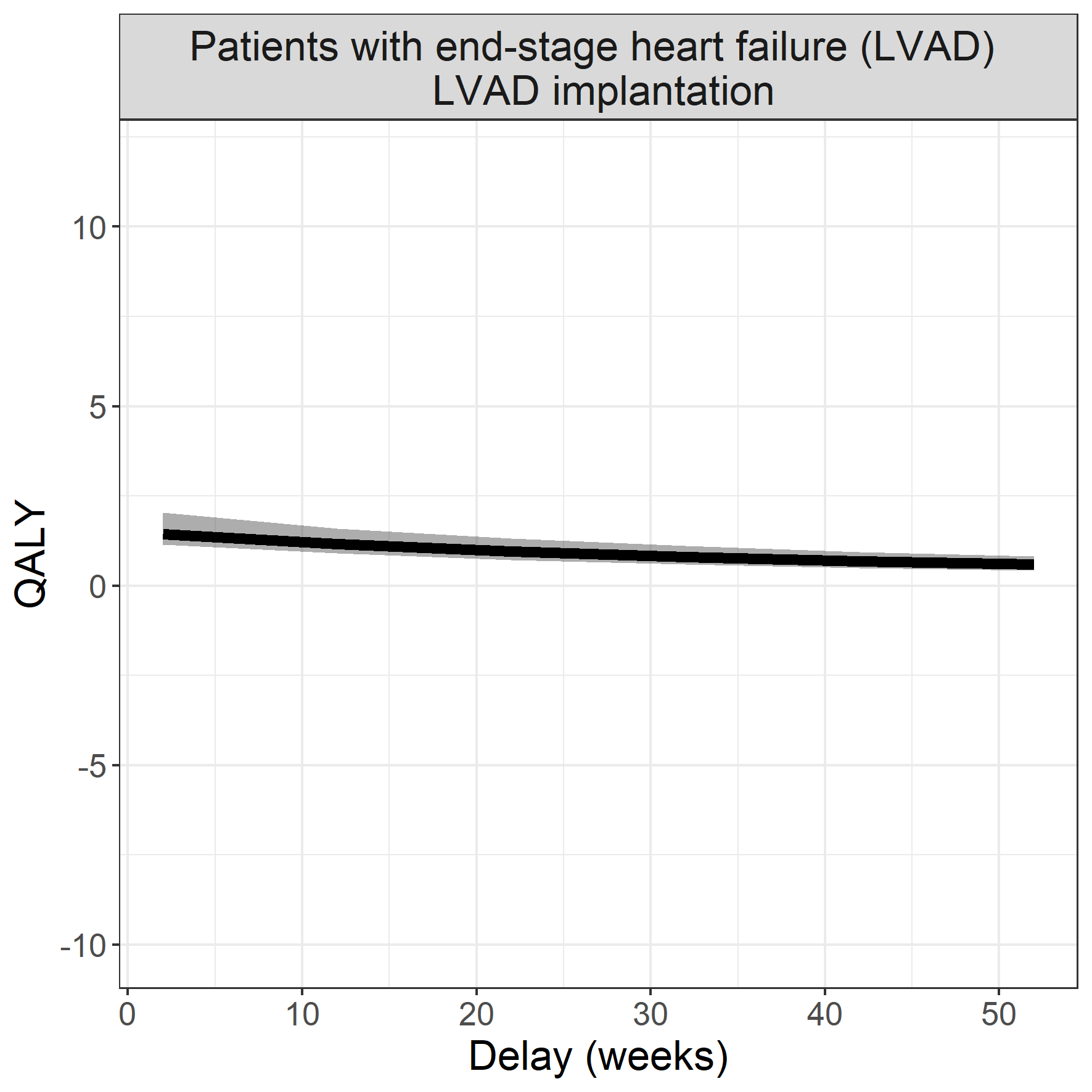
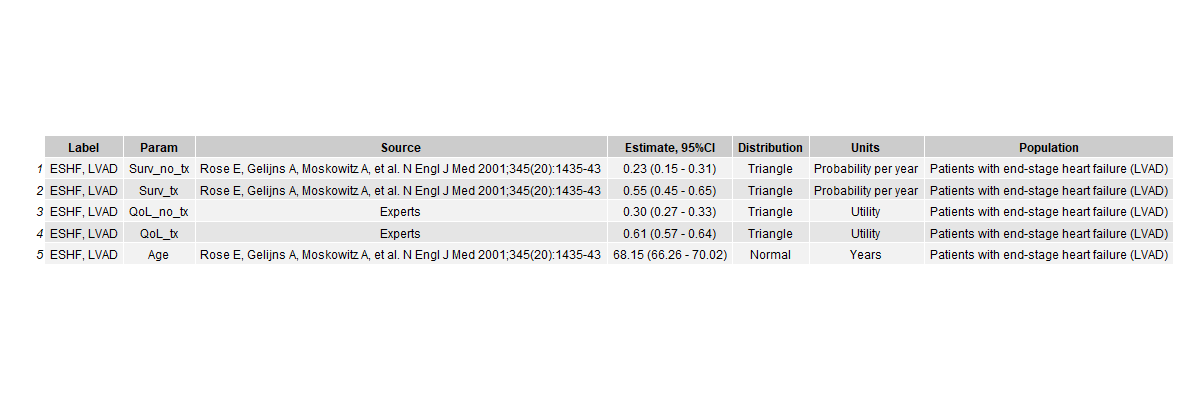
## End-stage liver disease

### Surgical procedure: living donor liver transplant



## End-stage heart failure

### Surgical procedure: implantation of a left ventricle assist device



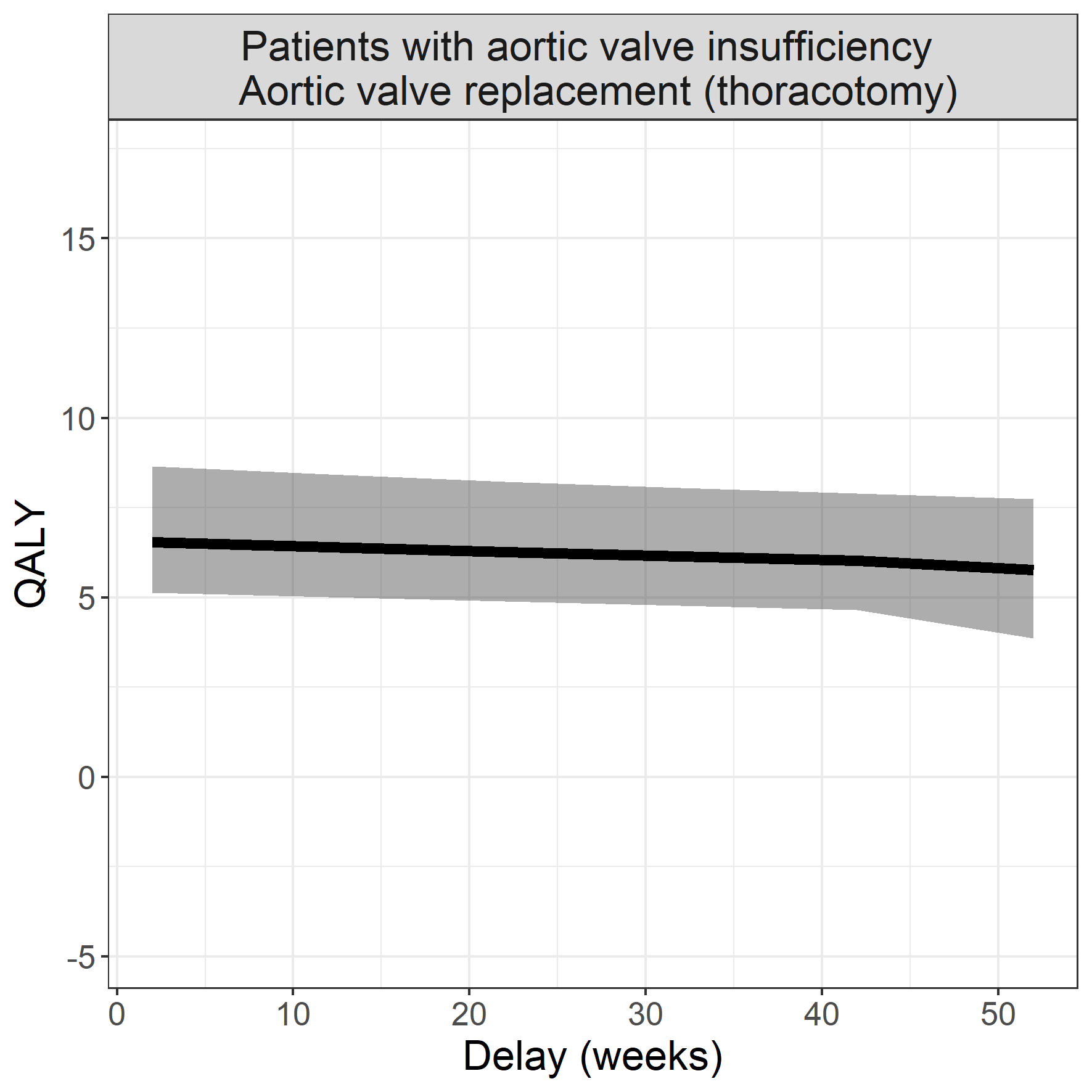
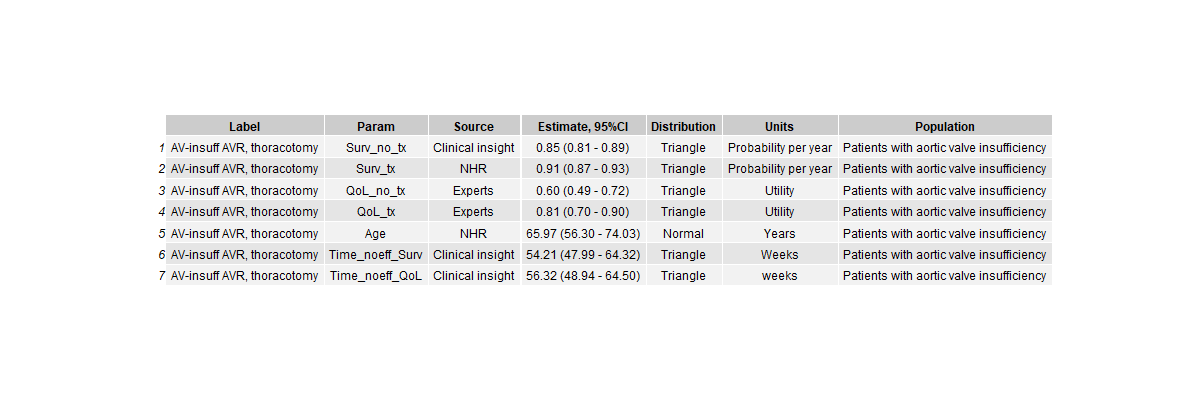
## Laryngeal carcinoma

### Surgical procedure: surgical resection

## 

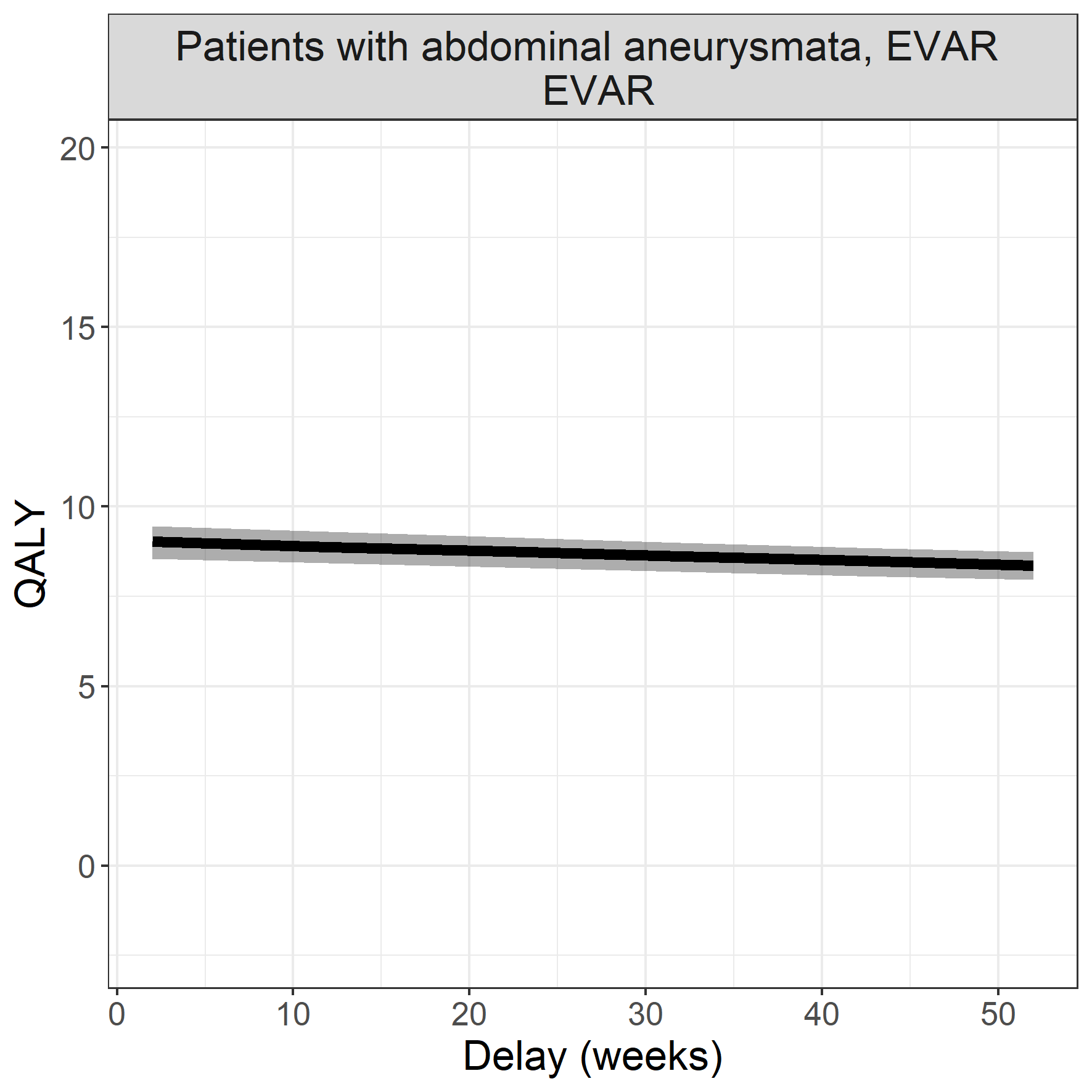
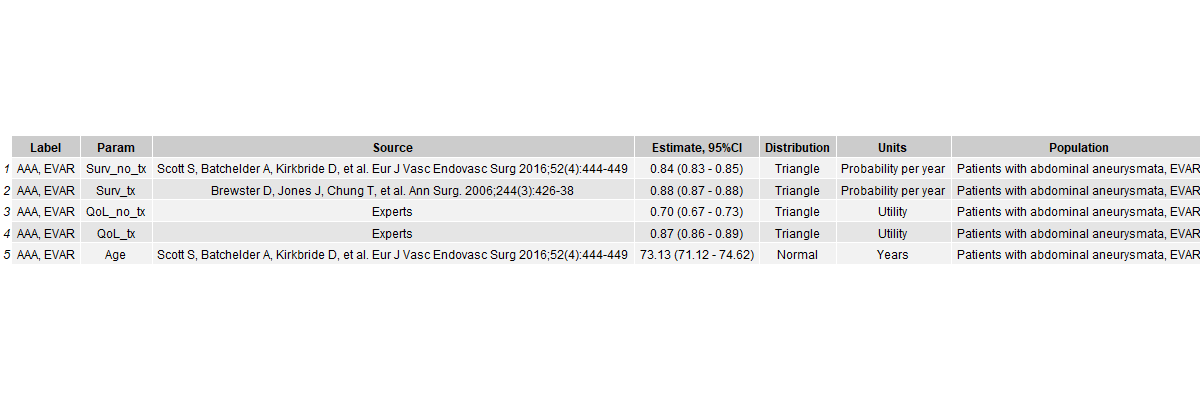
## Aortic valve insufficiency

**Surgical procedure: aortic valve replacement (thoracotomy)**



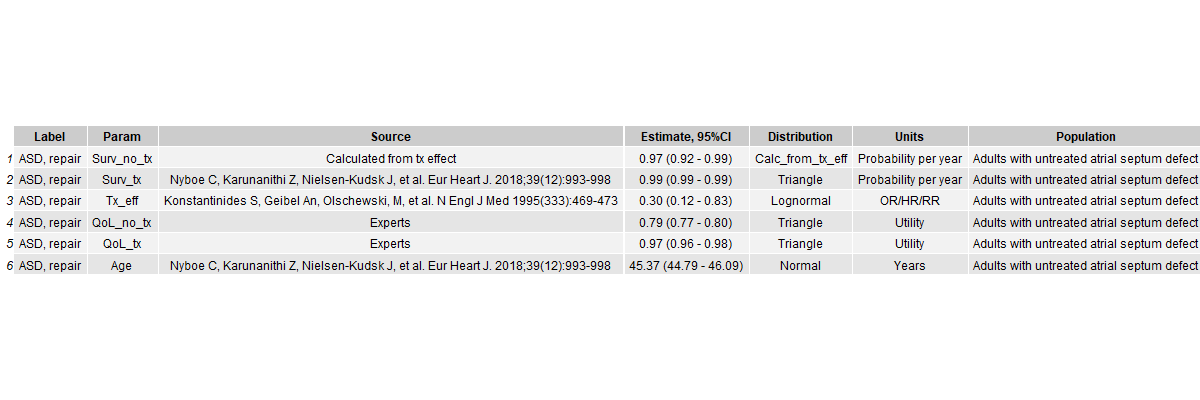
## Abdominal aneurysm of the aorta

**Surgical procedure: endovascular aorta repair**



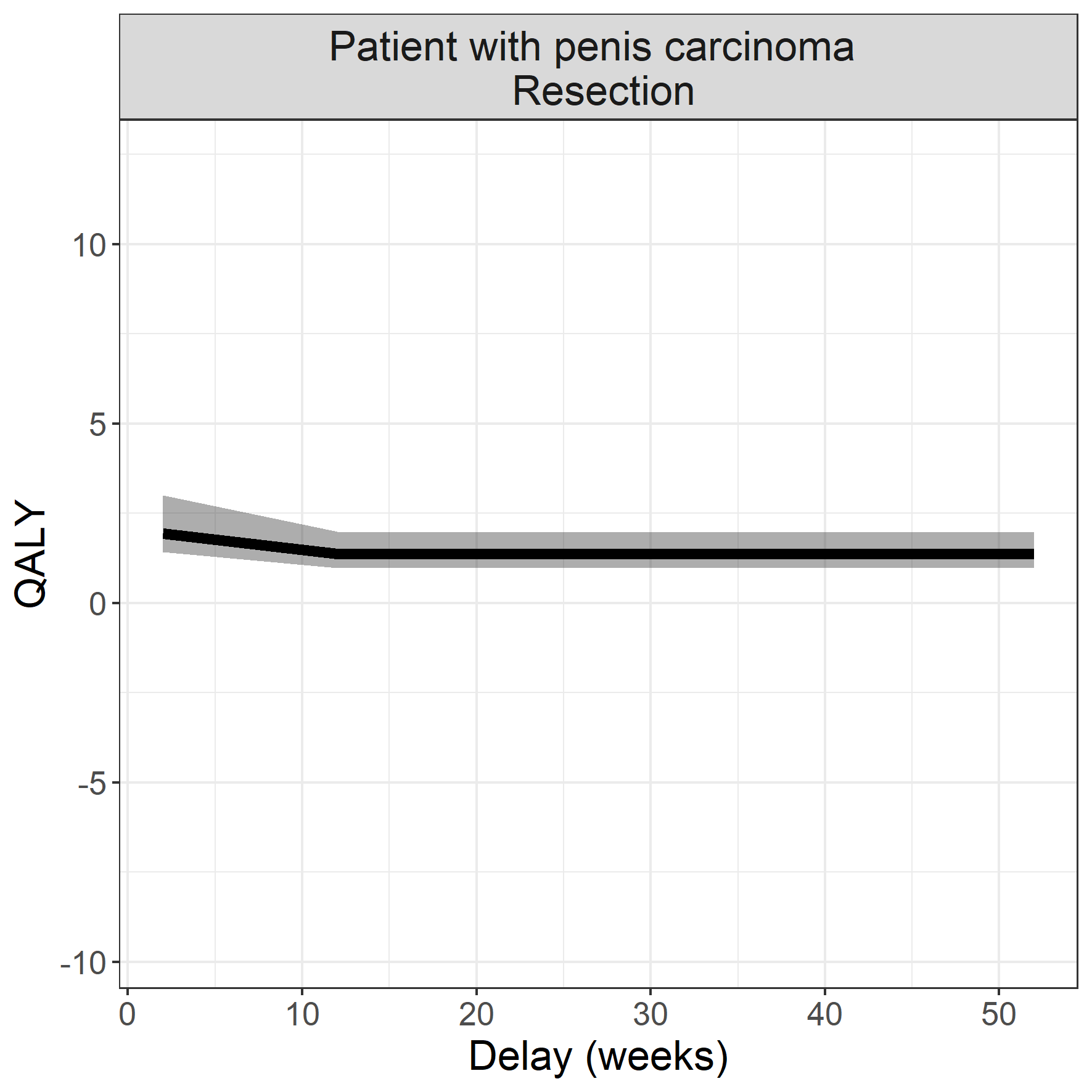
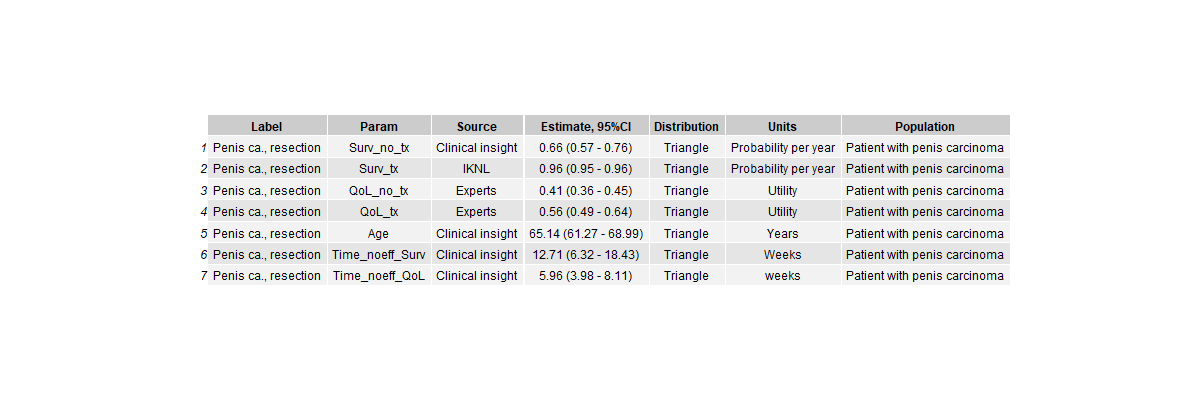
## Adults with untreated atrial septum defect

**Surgical procedure: surgical repair**



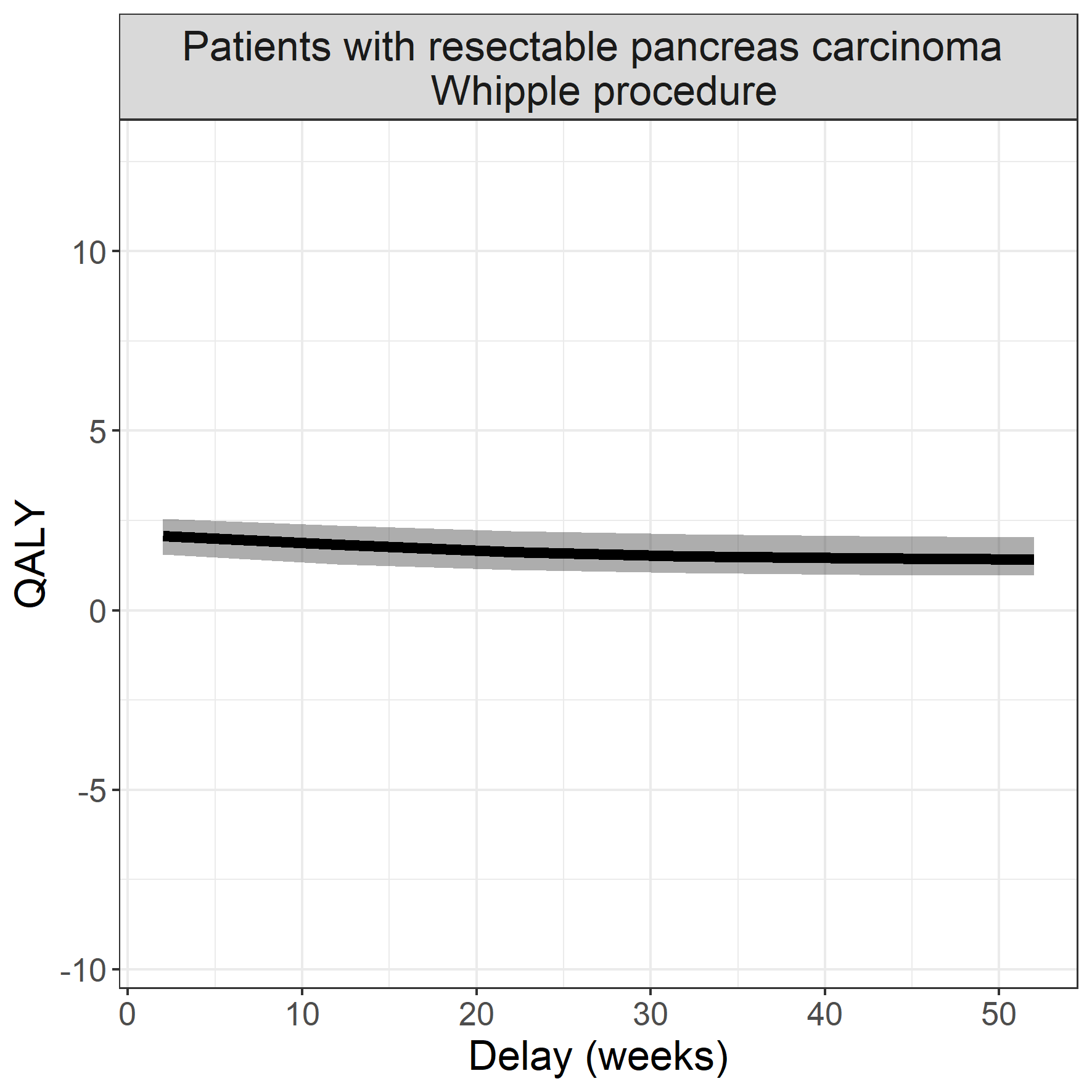
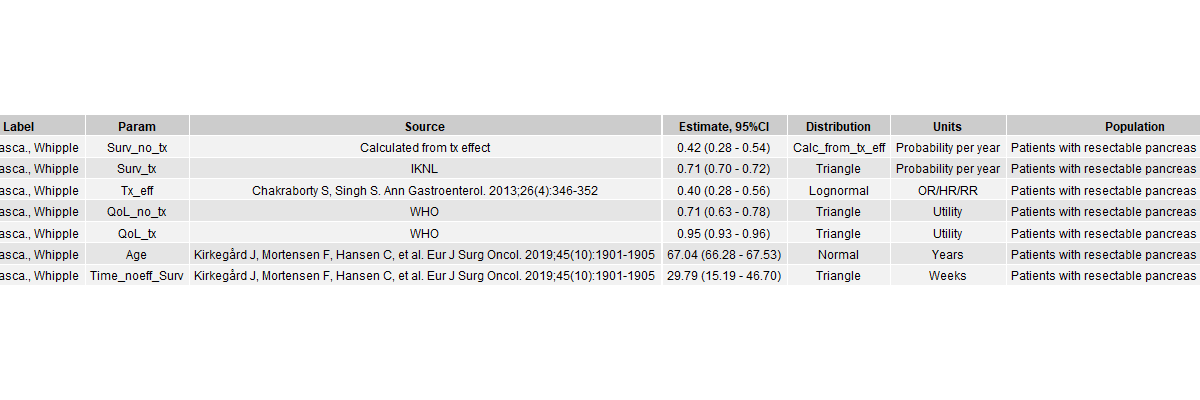
## Penis carcinoma

**Surgical procedure: surgical resection**



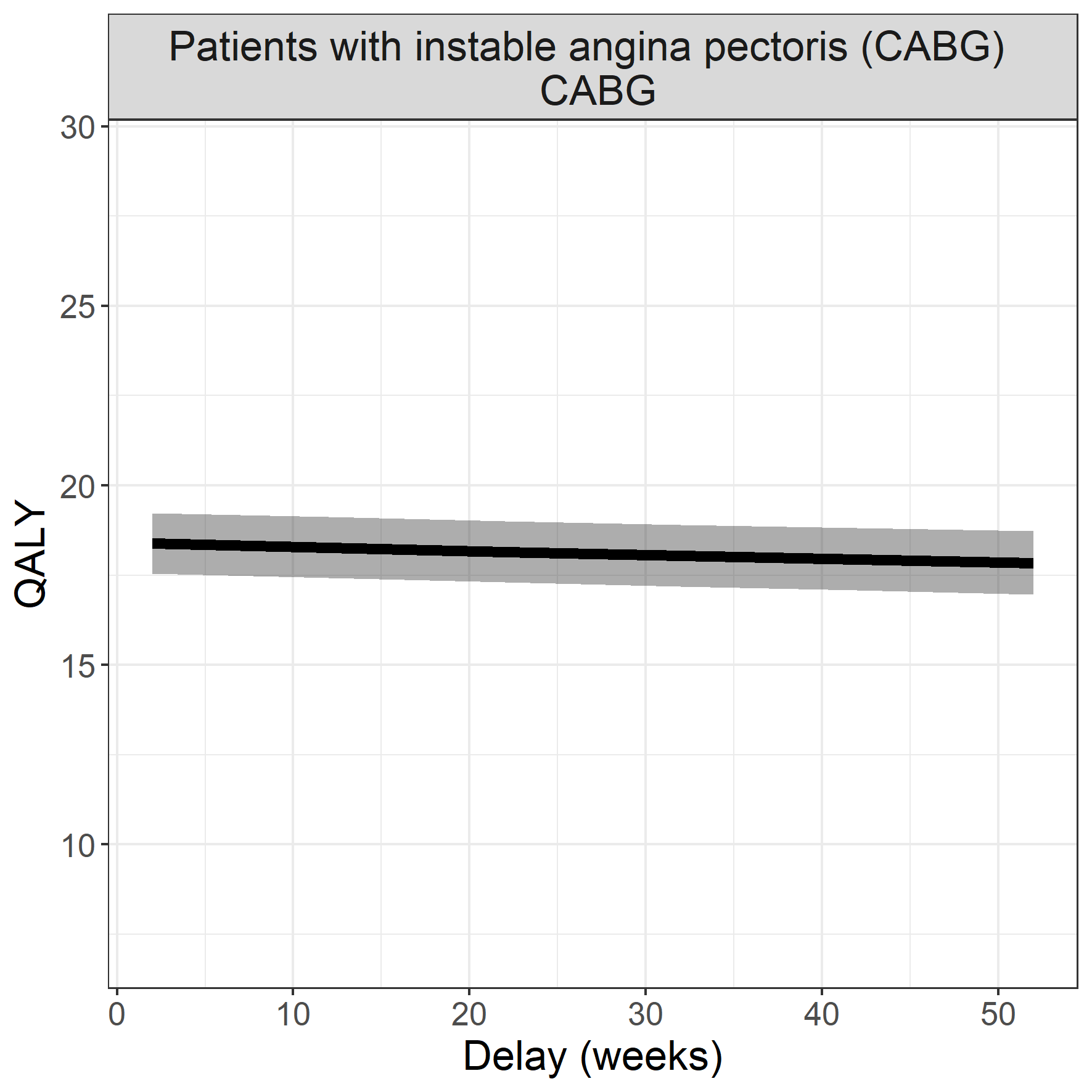
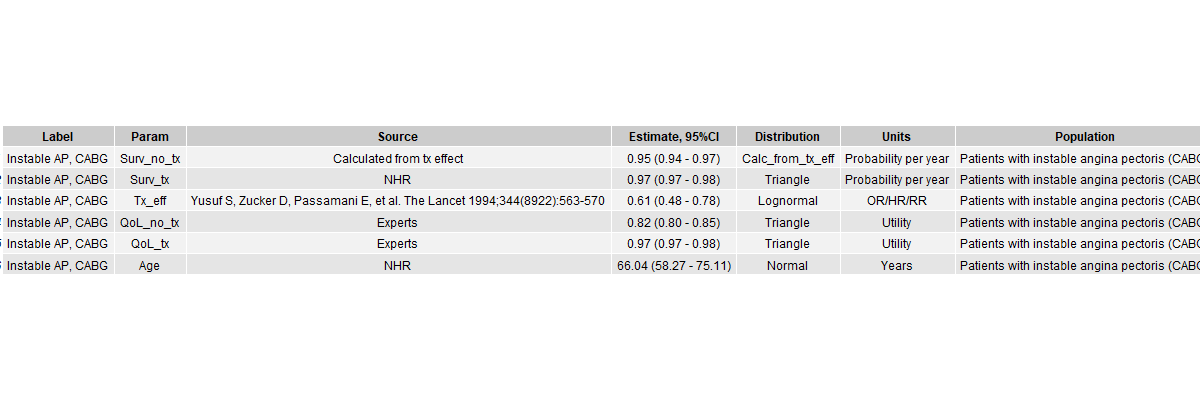
## Pancreas carcinoma

**Surgical procedure: whipple**



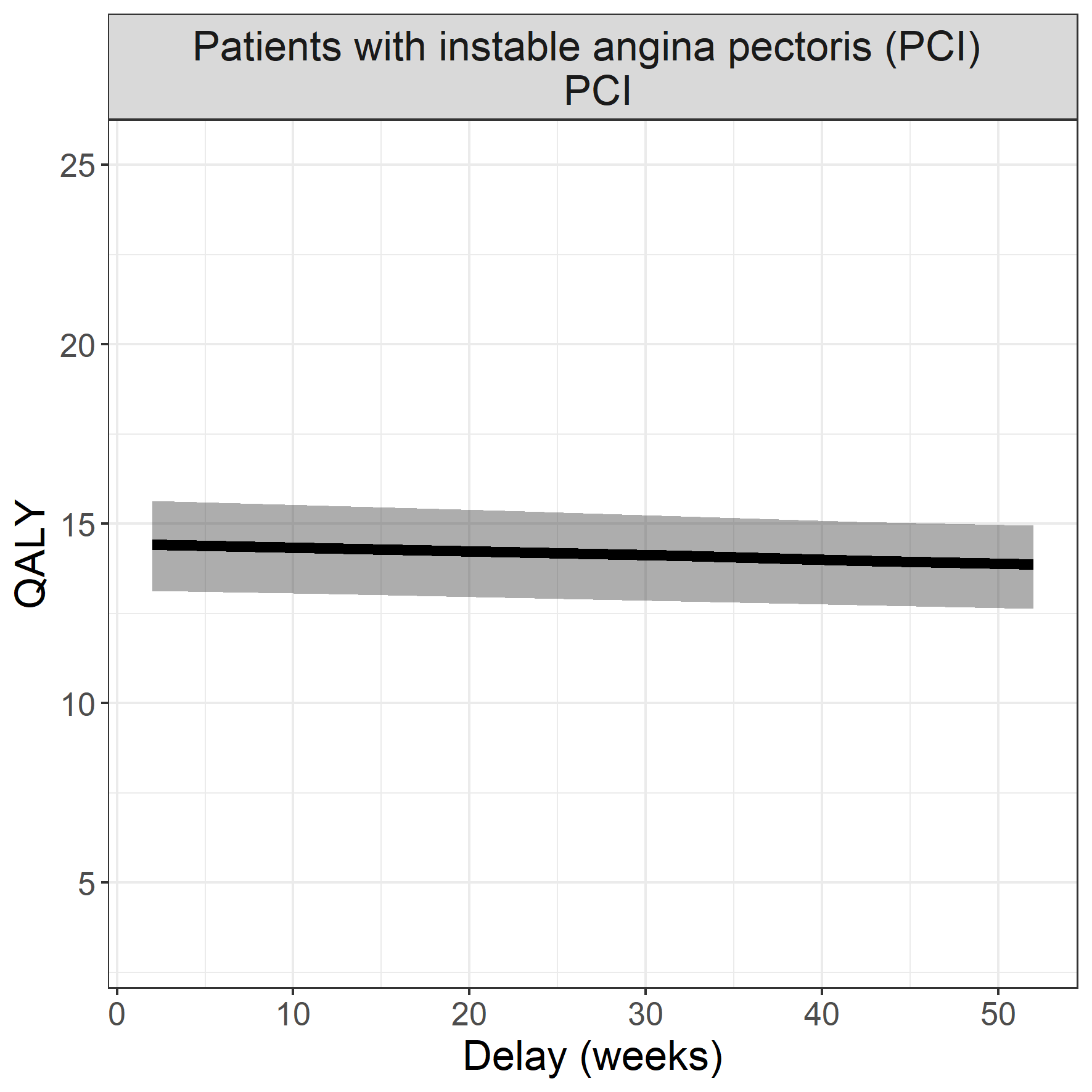
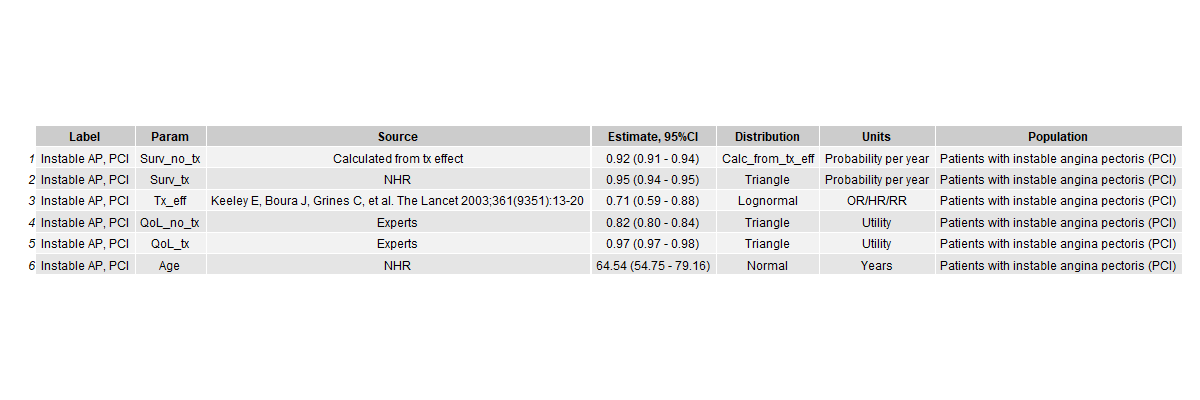
## Instable angina pectoris

**Surgical procedure: coronary bypass artery graft**



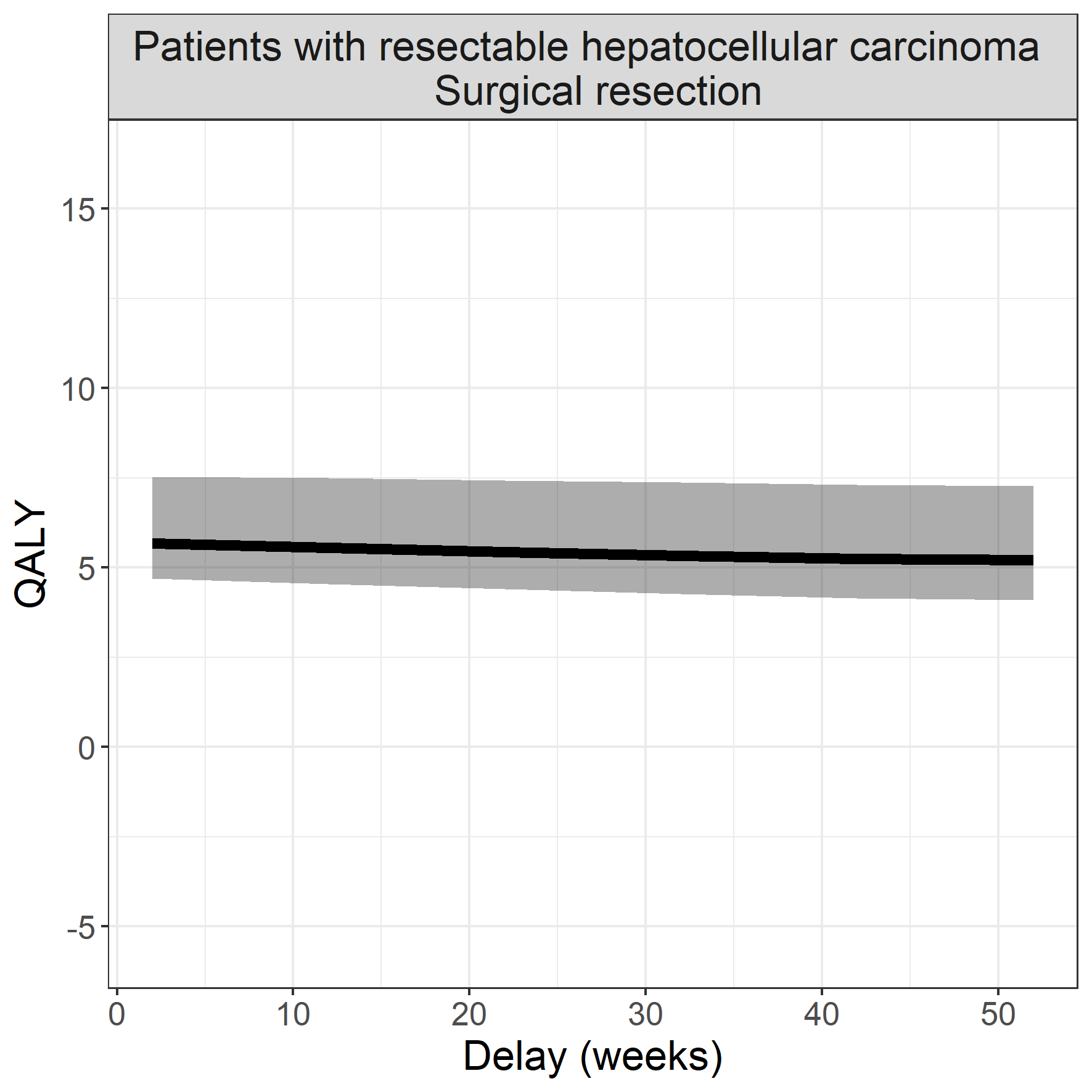
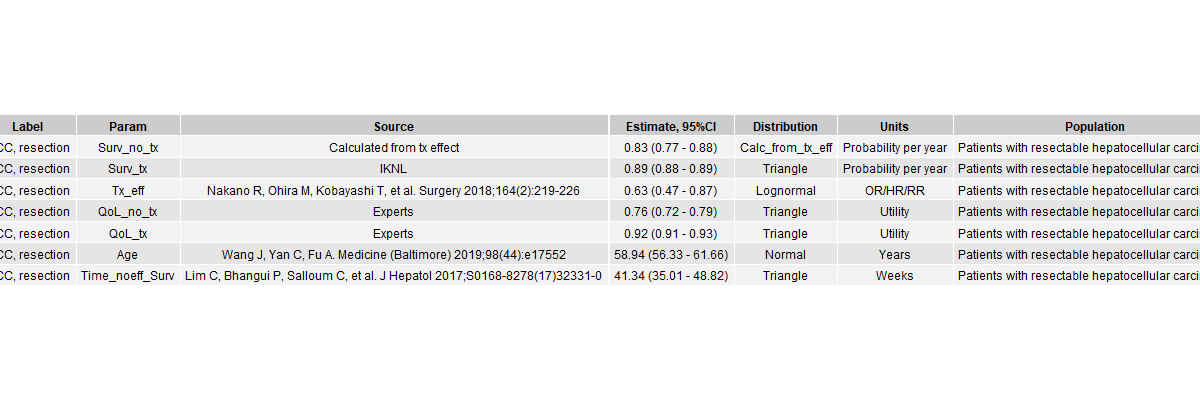
## Instable angina pectoris

**Surgical procedure: percutaneous coronary intervention**



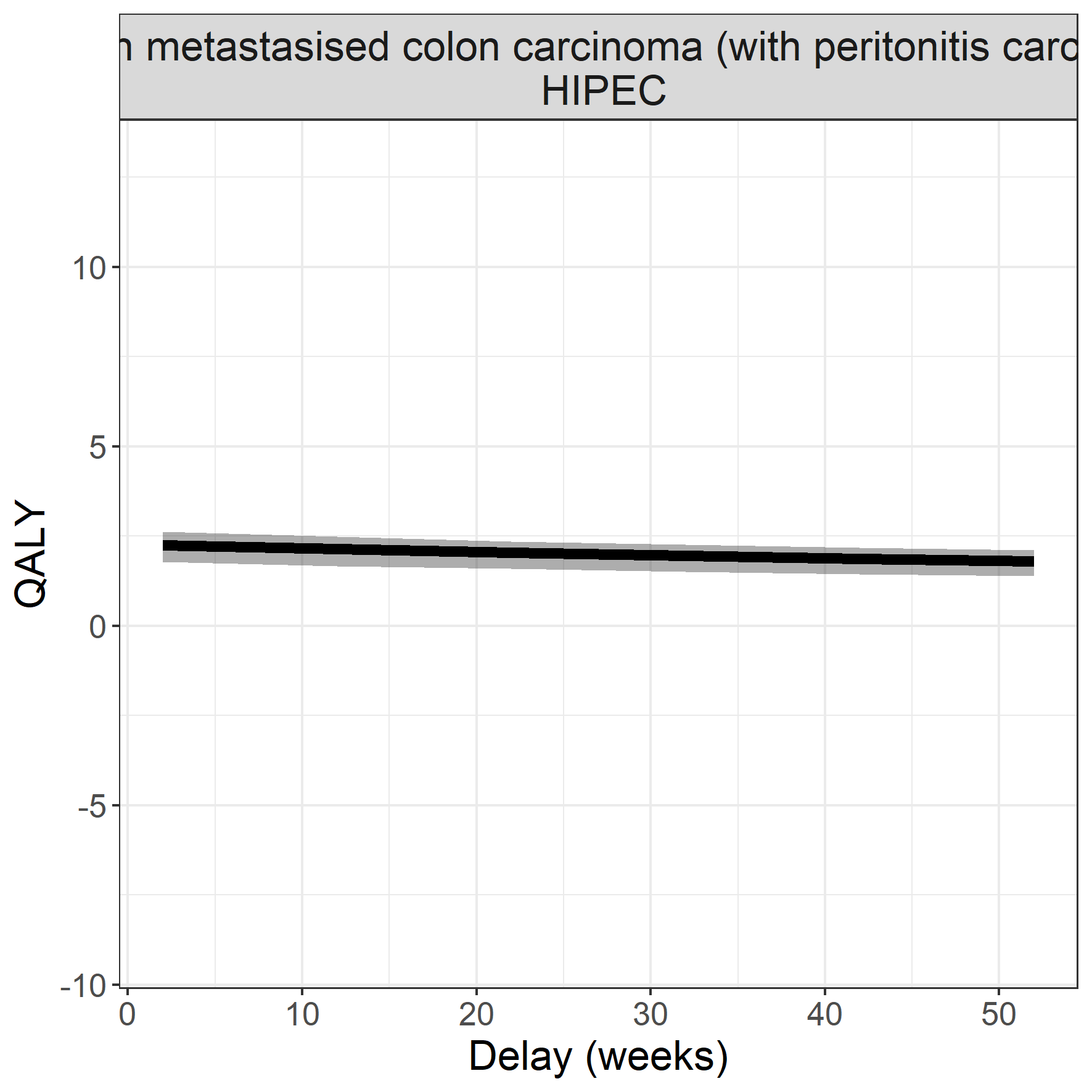
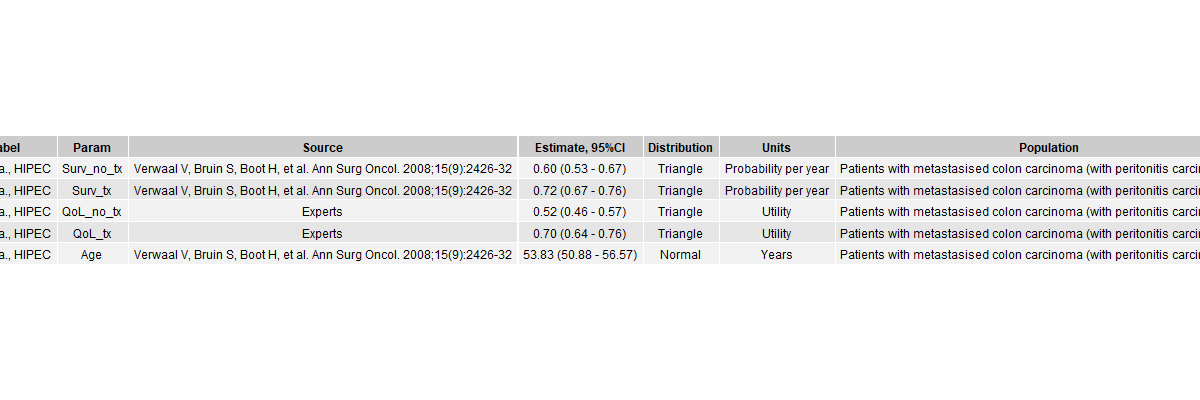
## Hepatocellular carcinoma

**Surgical procedure: surgical resection**



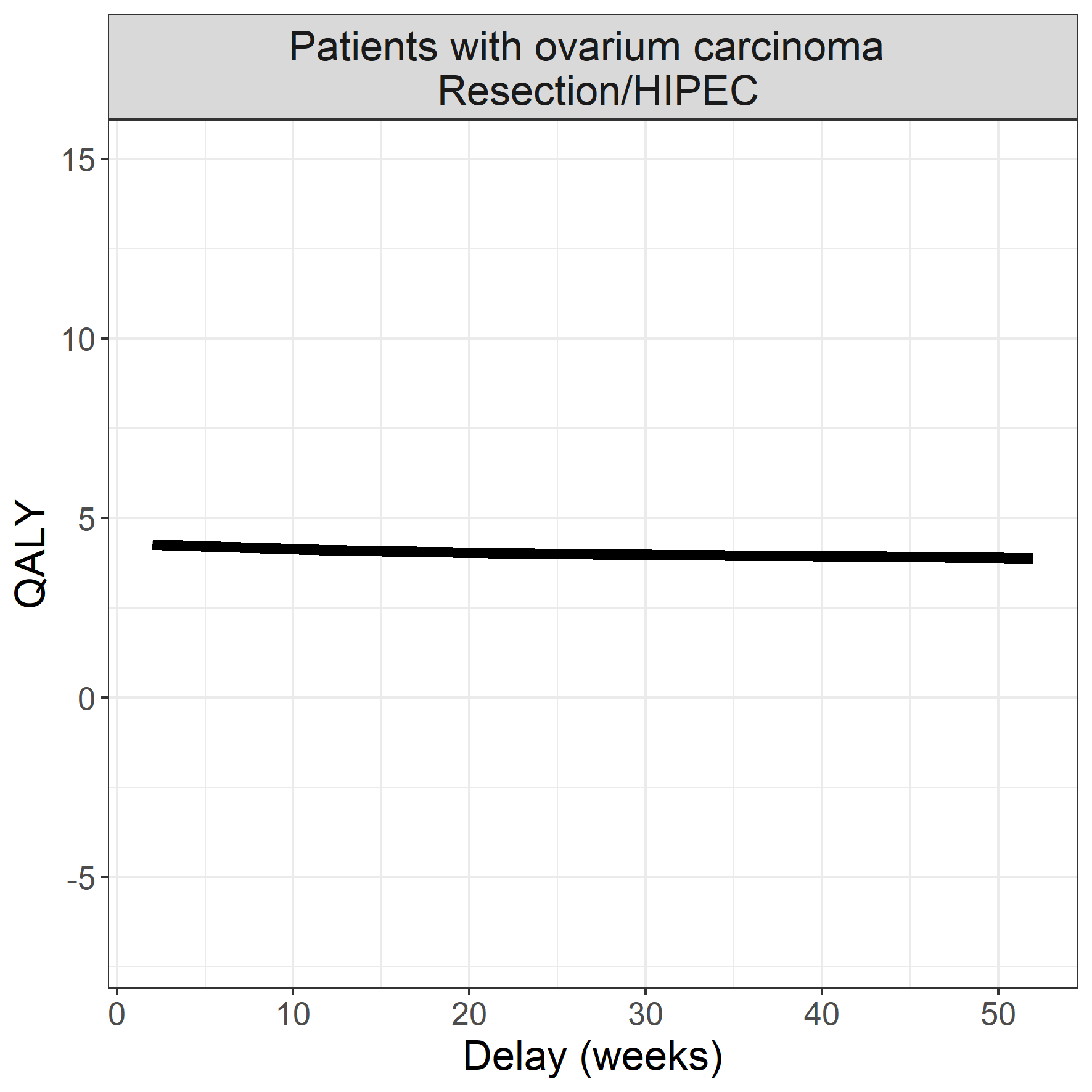
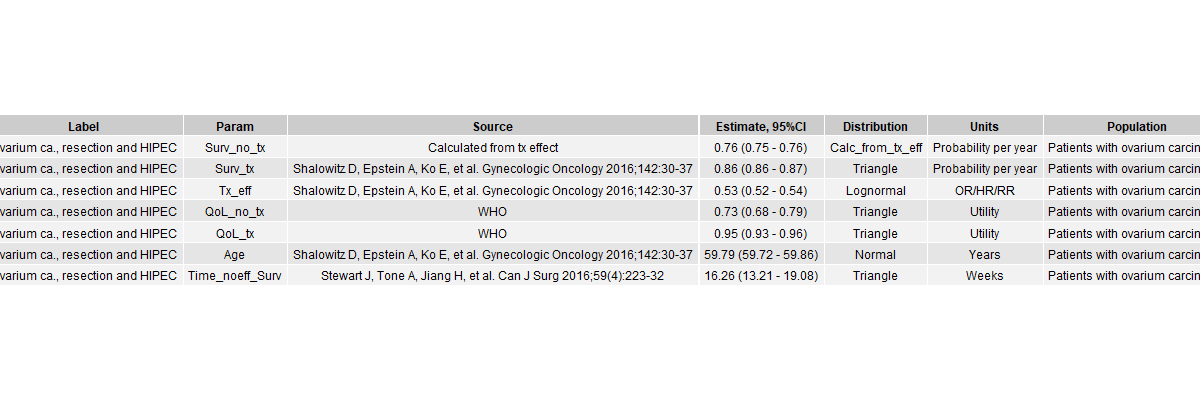
## Colon carcinoma with peritoneal metastases

**Surgical procedure: hyperthermic intraperitoneal chemotherapy**



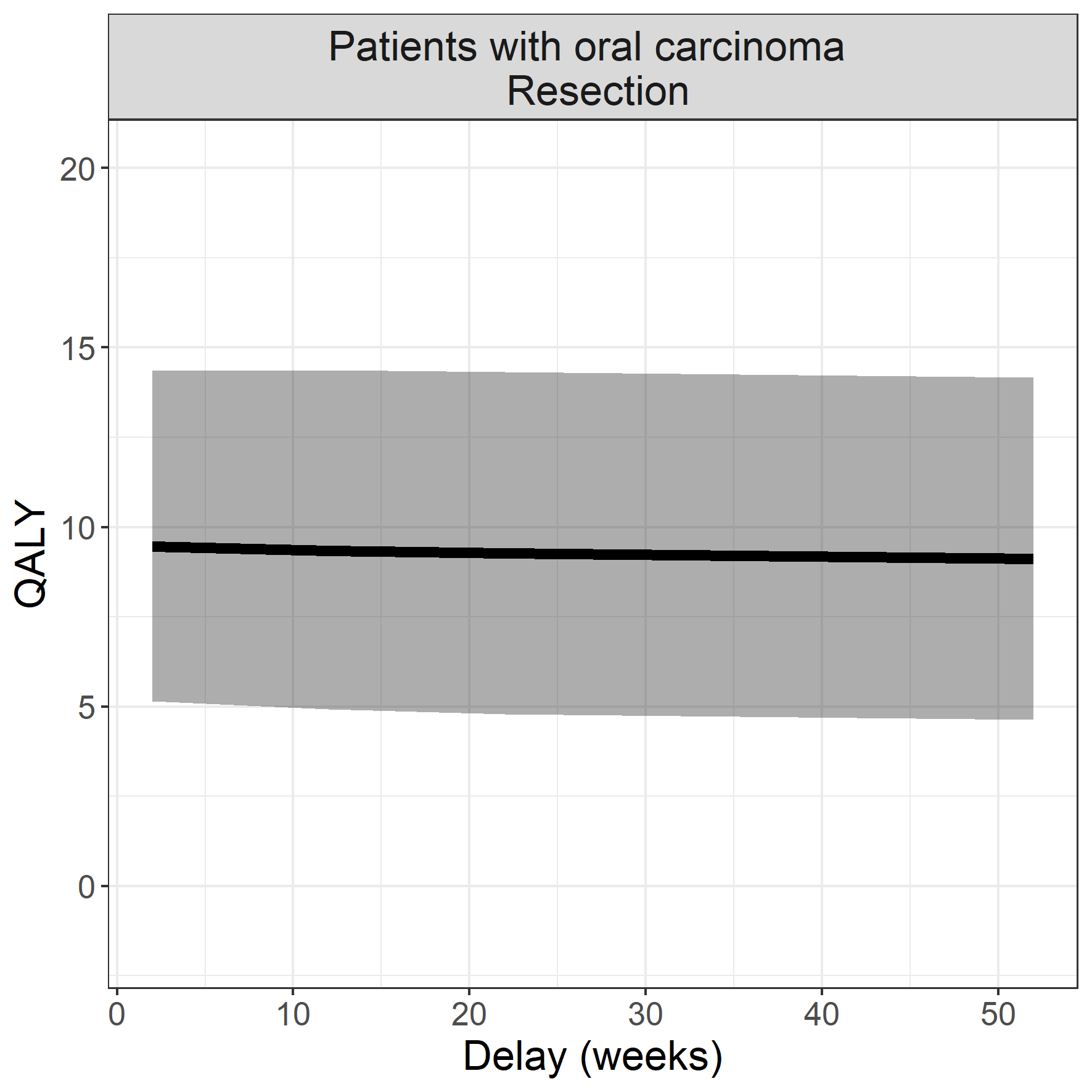
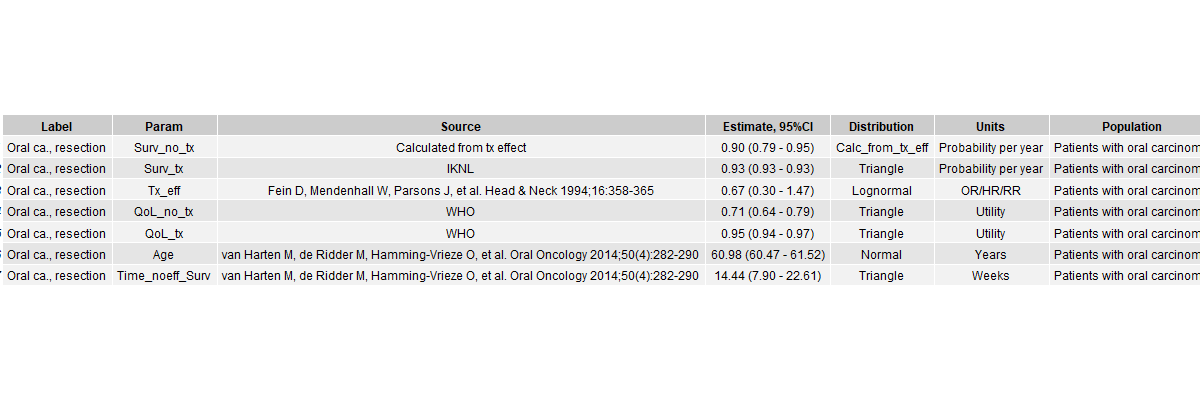
## Ovarium carcinoma

**Surgical procedure: debulking and hyperthermic intraperitoneal chemotherapy**



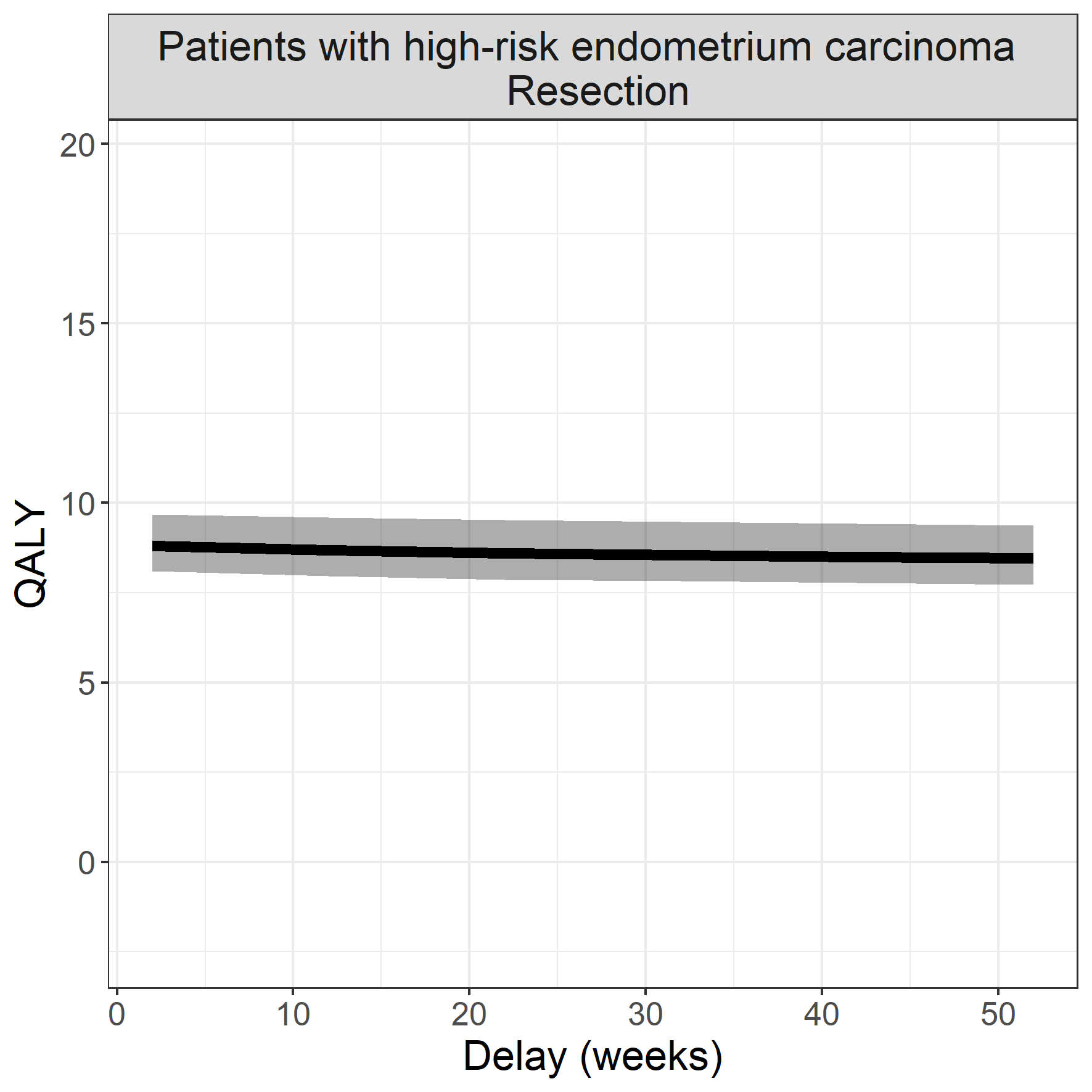
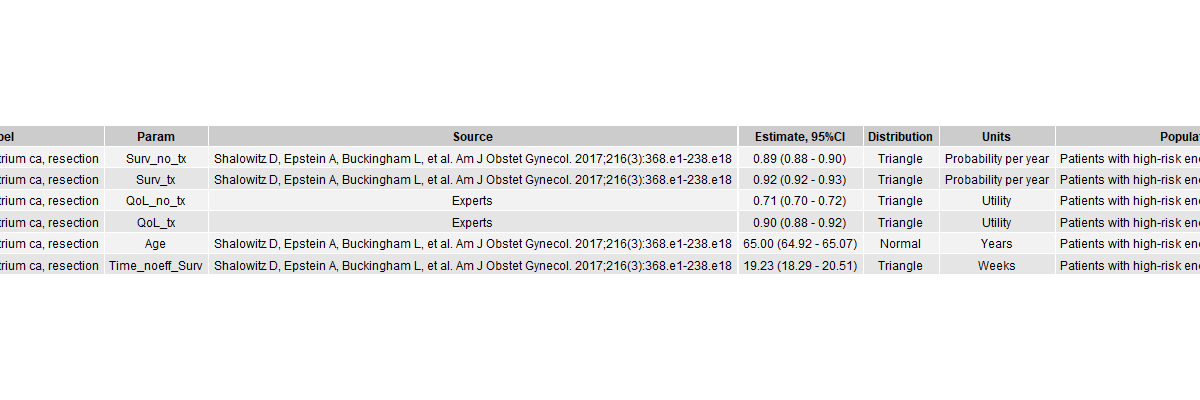
## Oral carcinoma

**Surgical procedure: surgical resection**



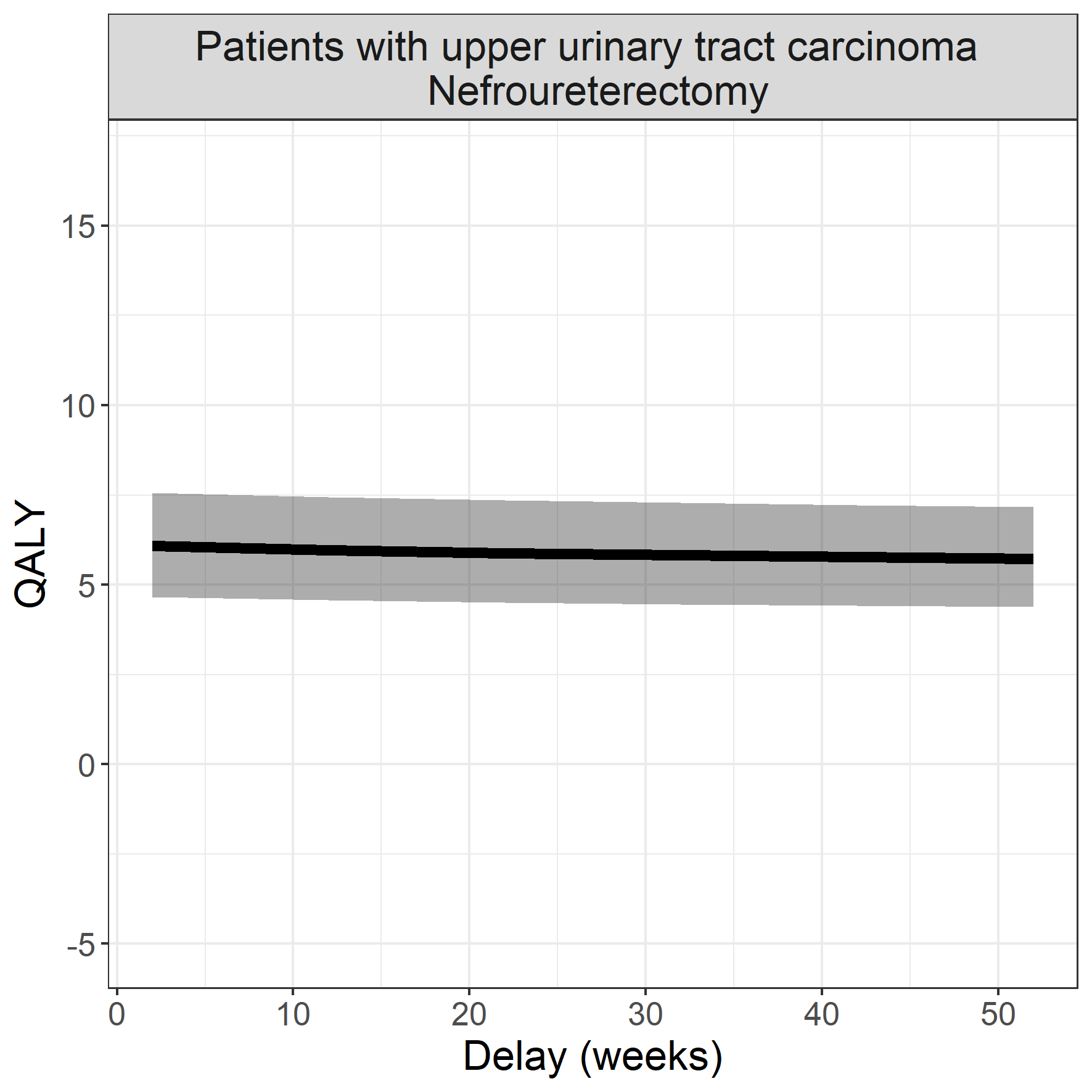
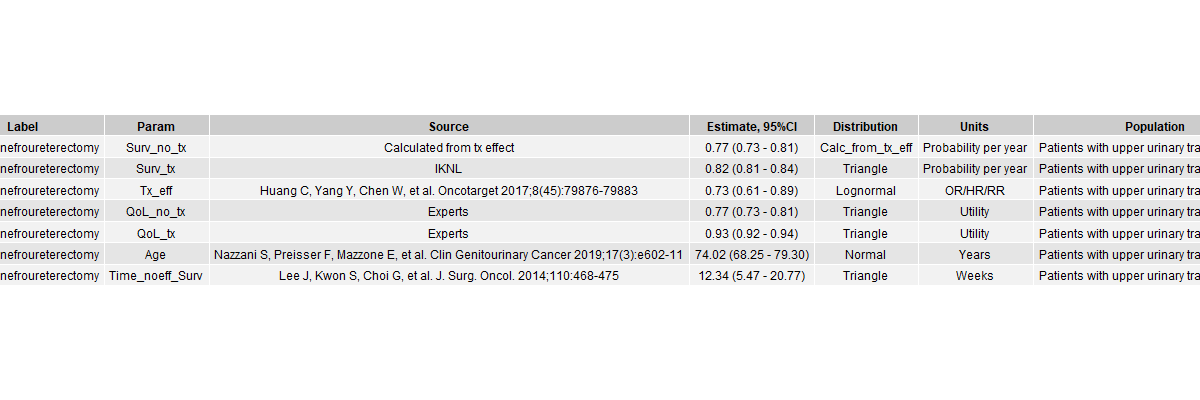
## High-risk endometrium carcinoma

**Surgical procedure: surgical resection**



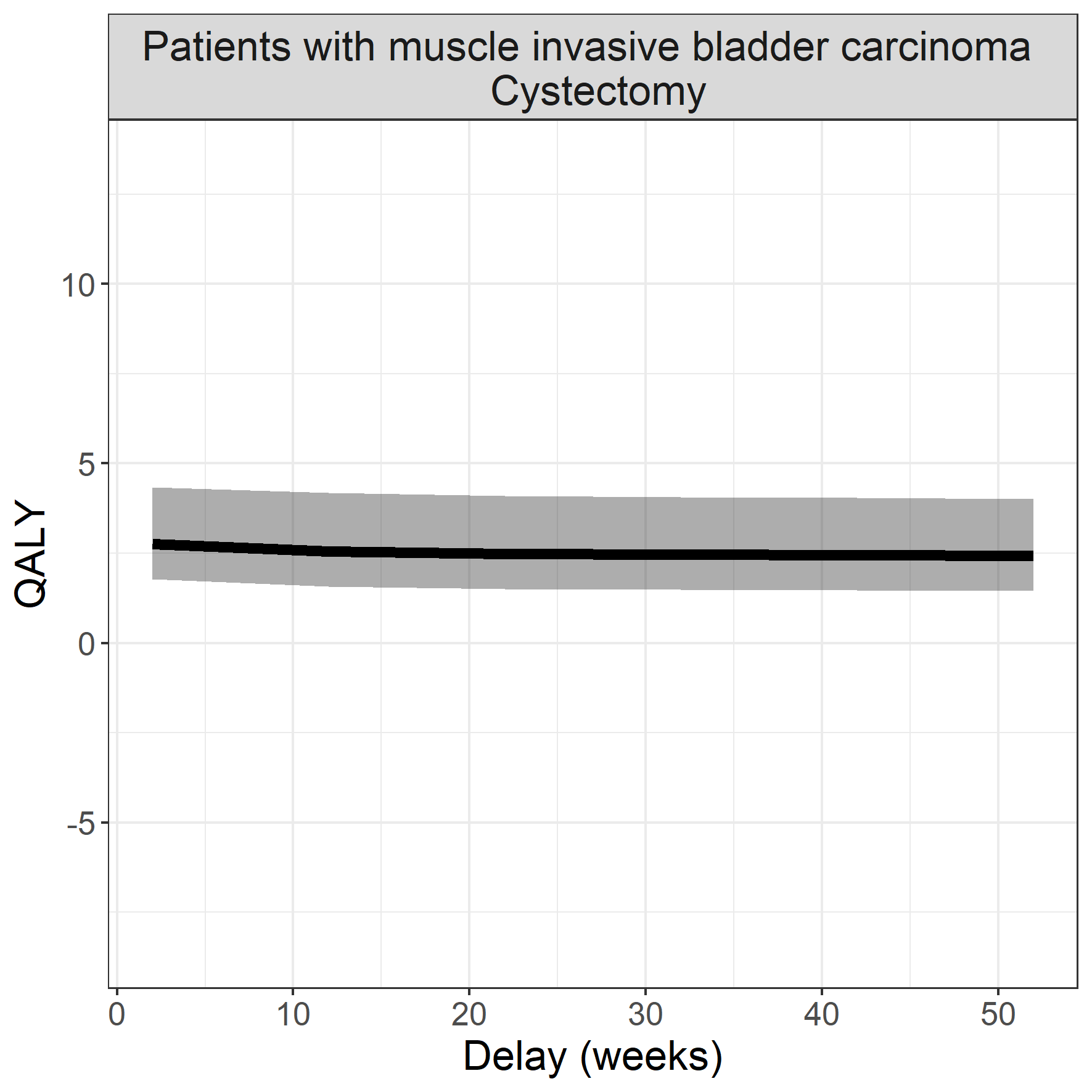
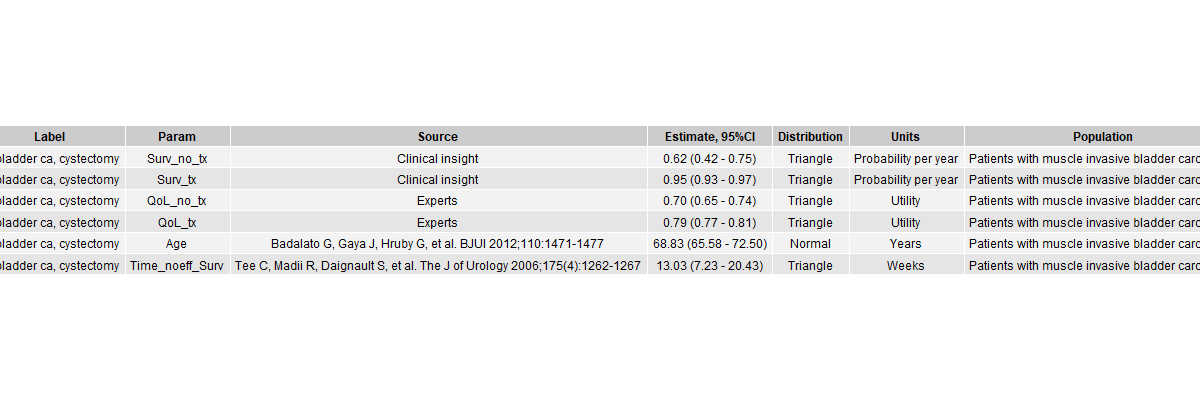
## Upper urinary tract carcinoma

**Surgical procedure: nefroureterectomy**



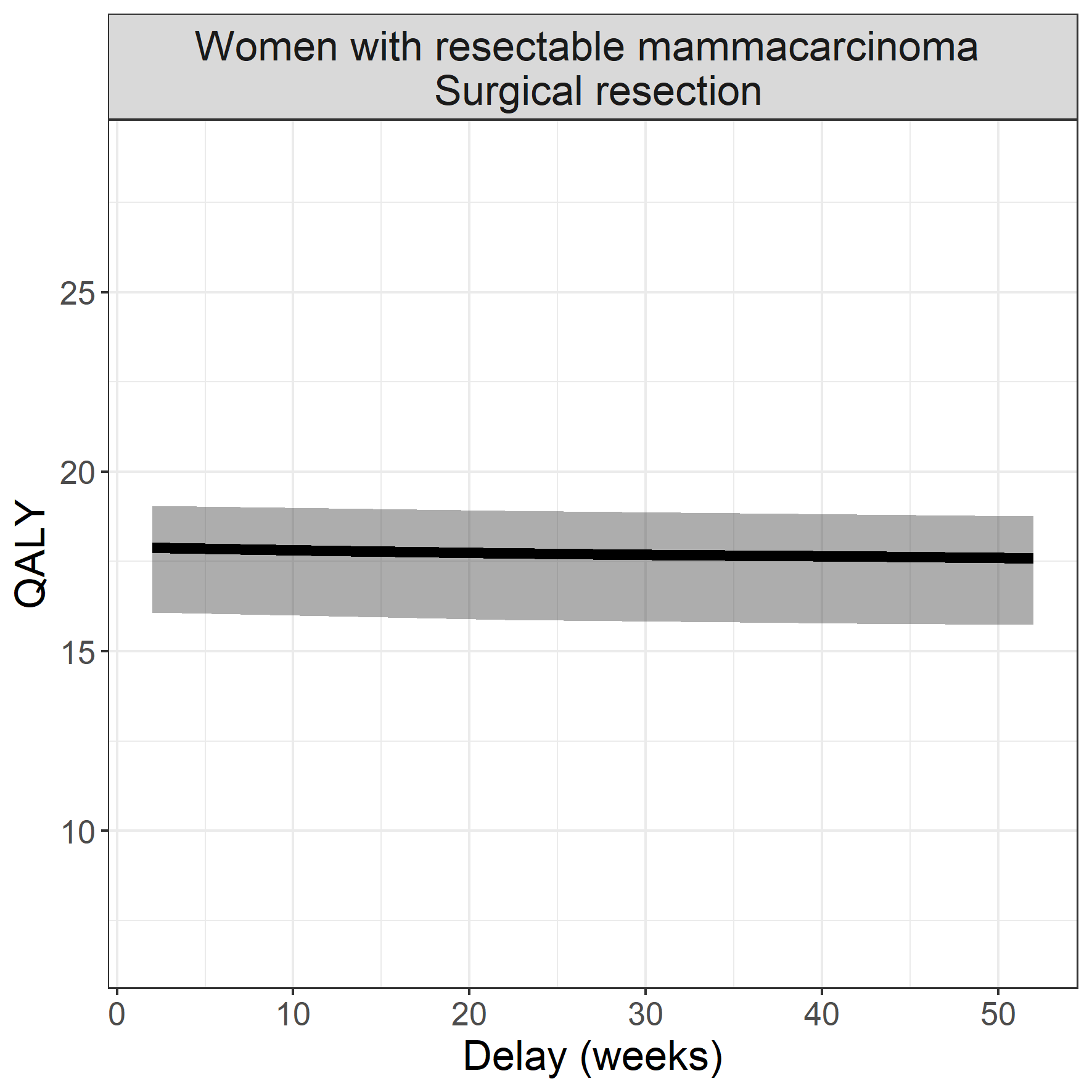
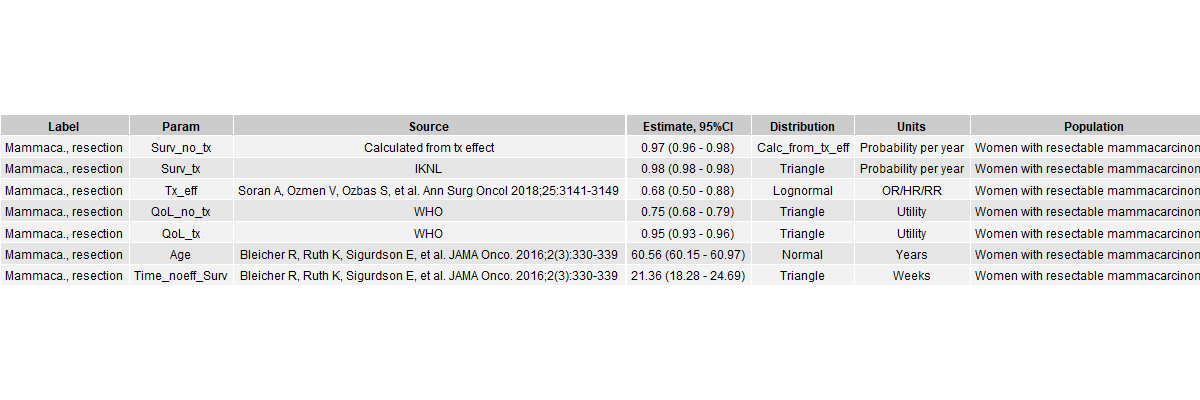
## Muscle invasive bladder cancer

**Surgical procedure: cystectomy**



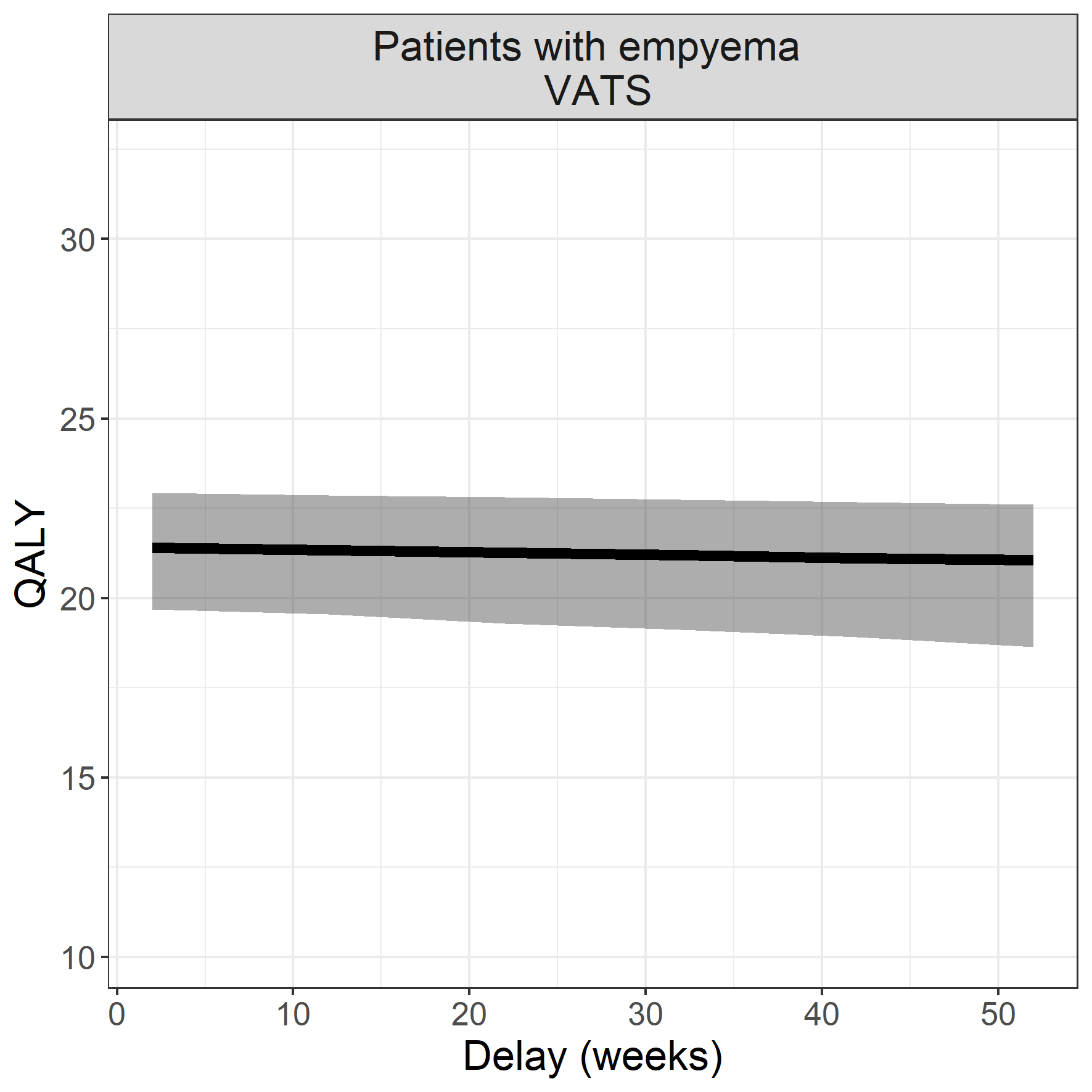
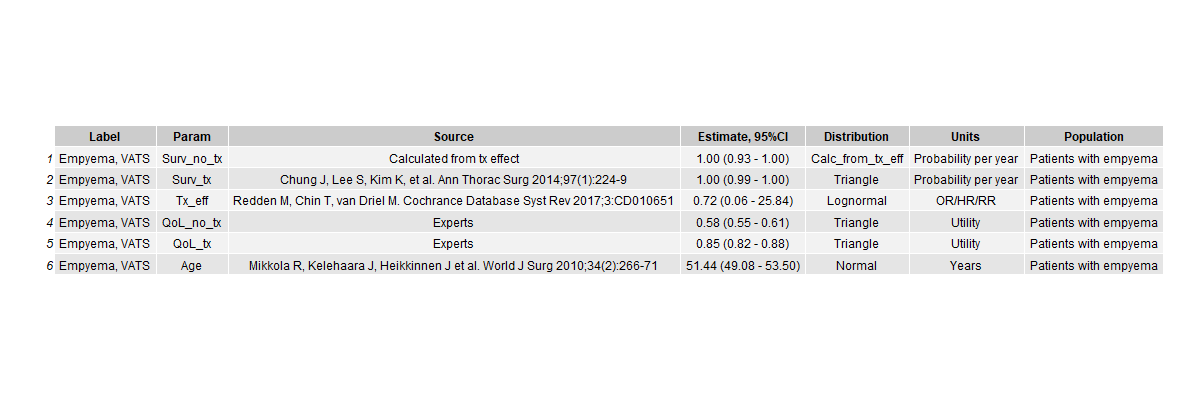
## Resectable mammacarcinoma

**Surgical procedure: surgical resection**



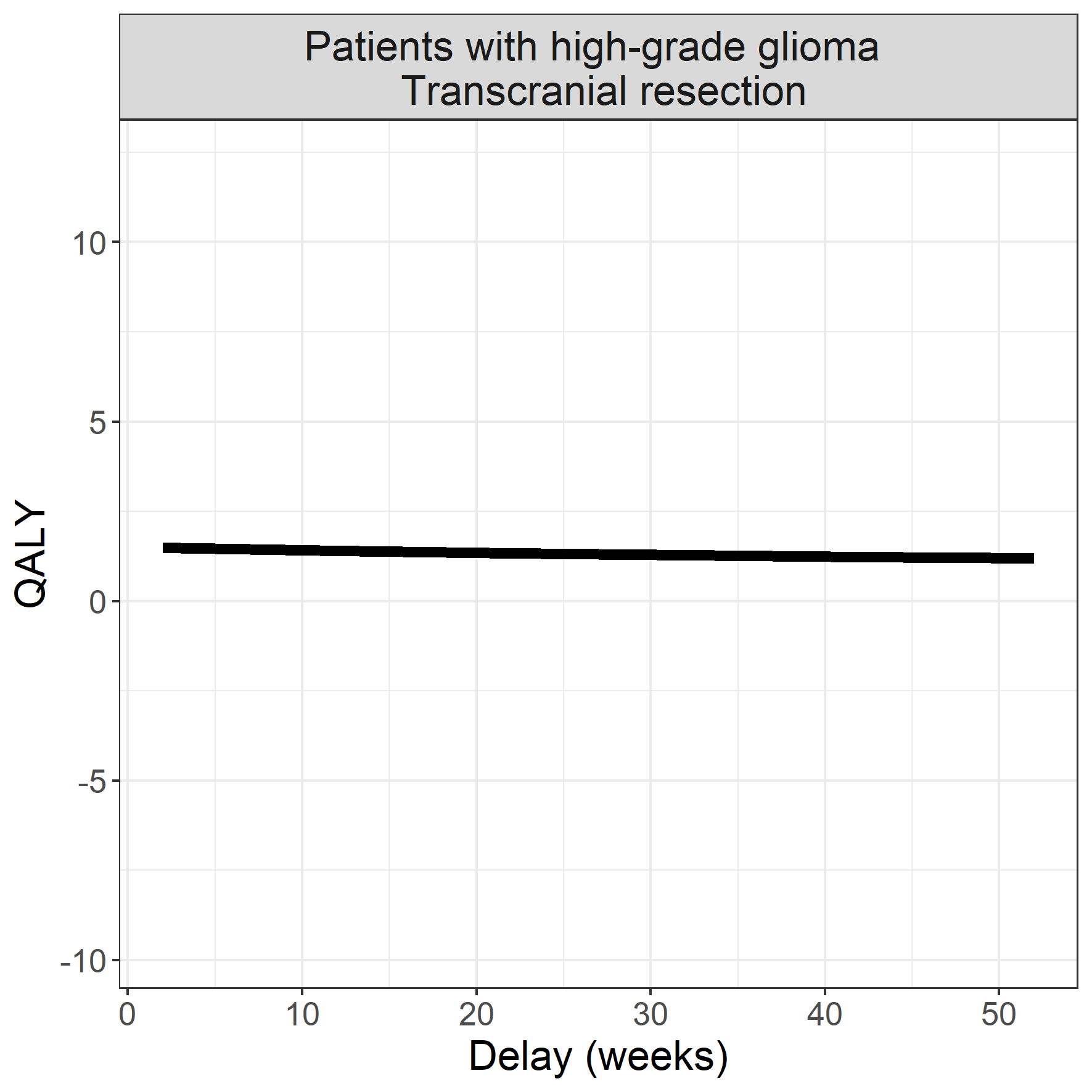
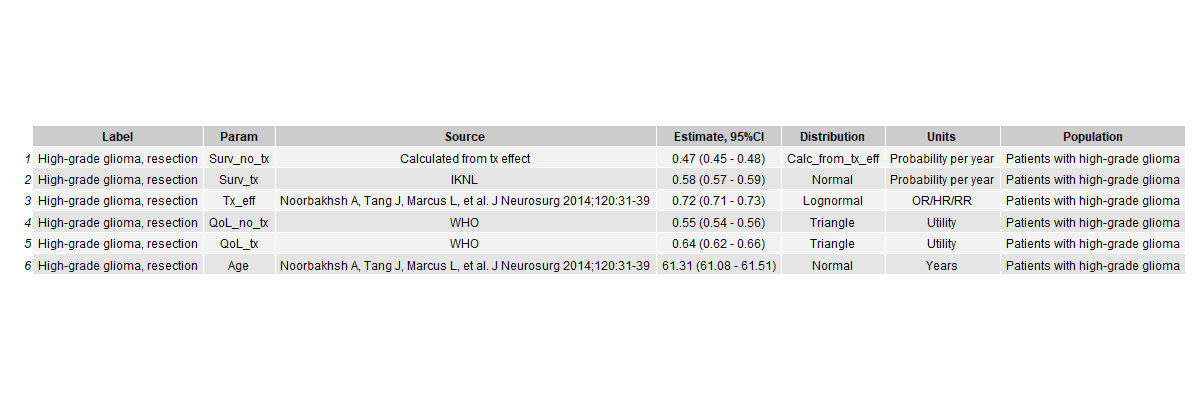
## Empyema

**Surgical procedure: video assisted thoracoscopy**



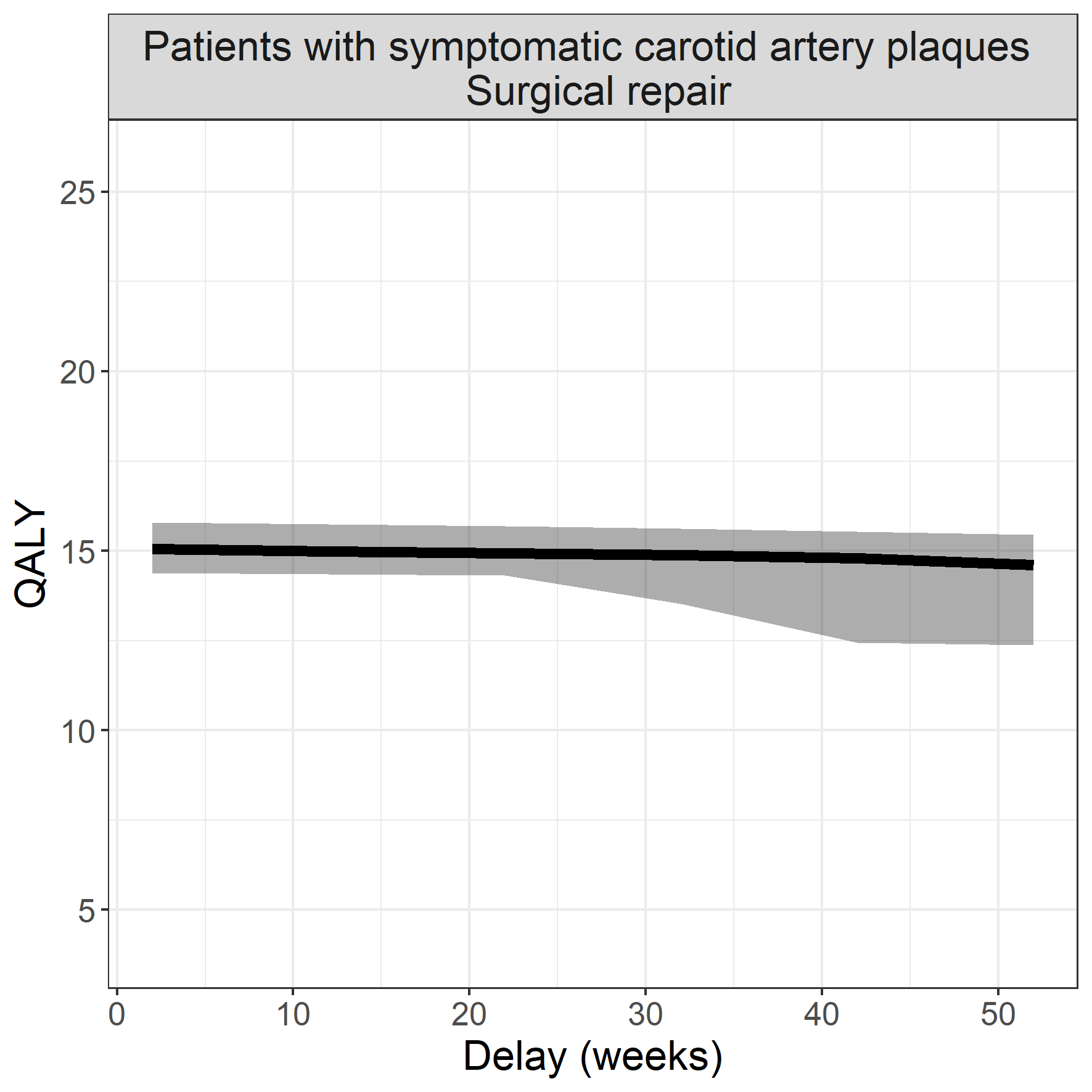
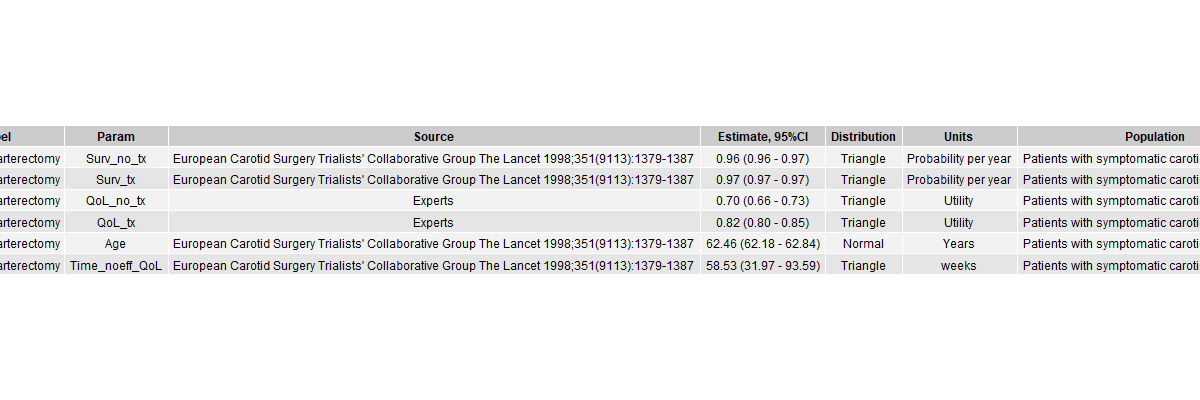
## High-grade glioma

**Surgical procedure: transcranial resection**



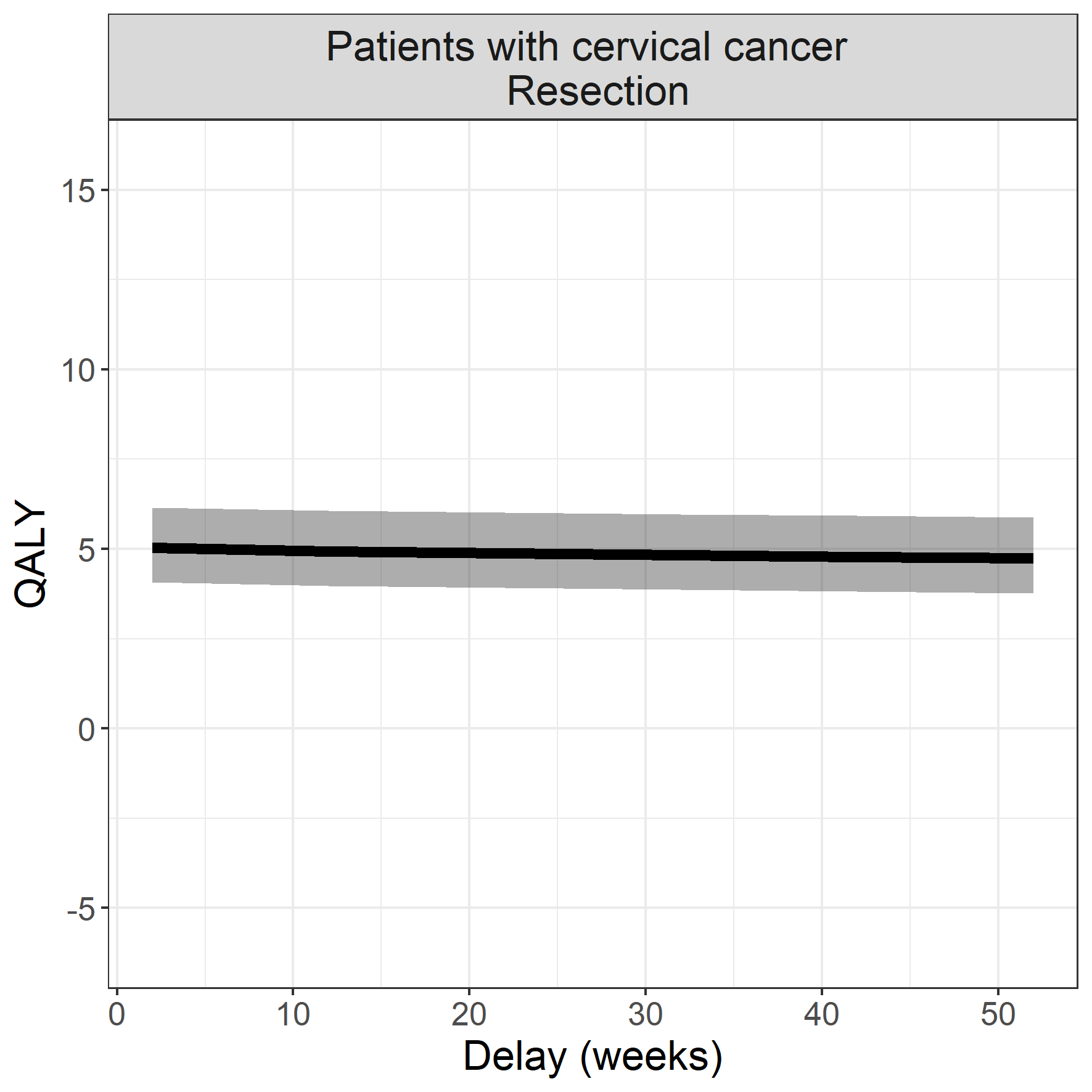
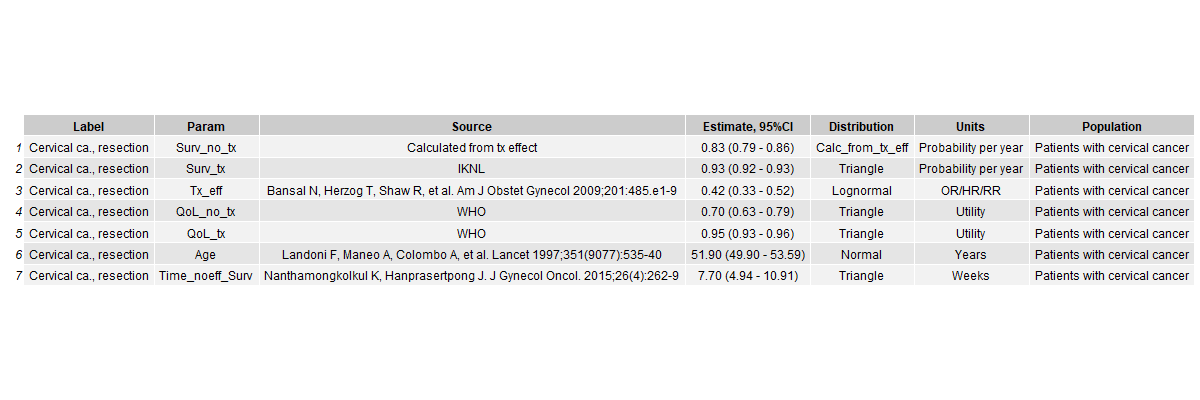
## Symptomatic carotid artery plaques

**Surgical procedure: endarterectomy**



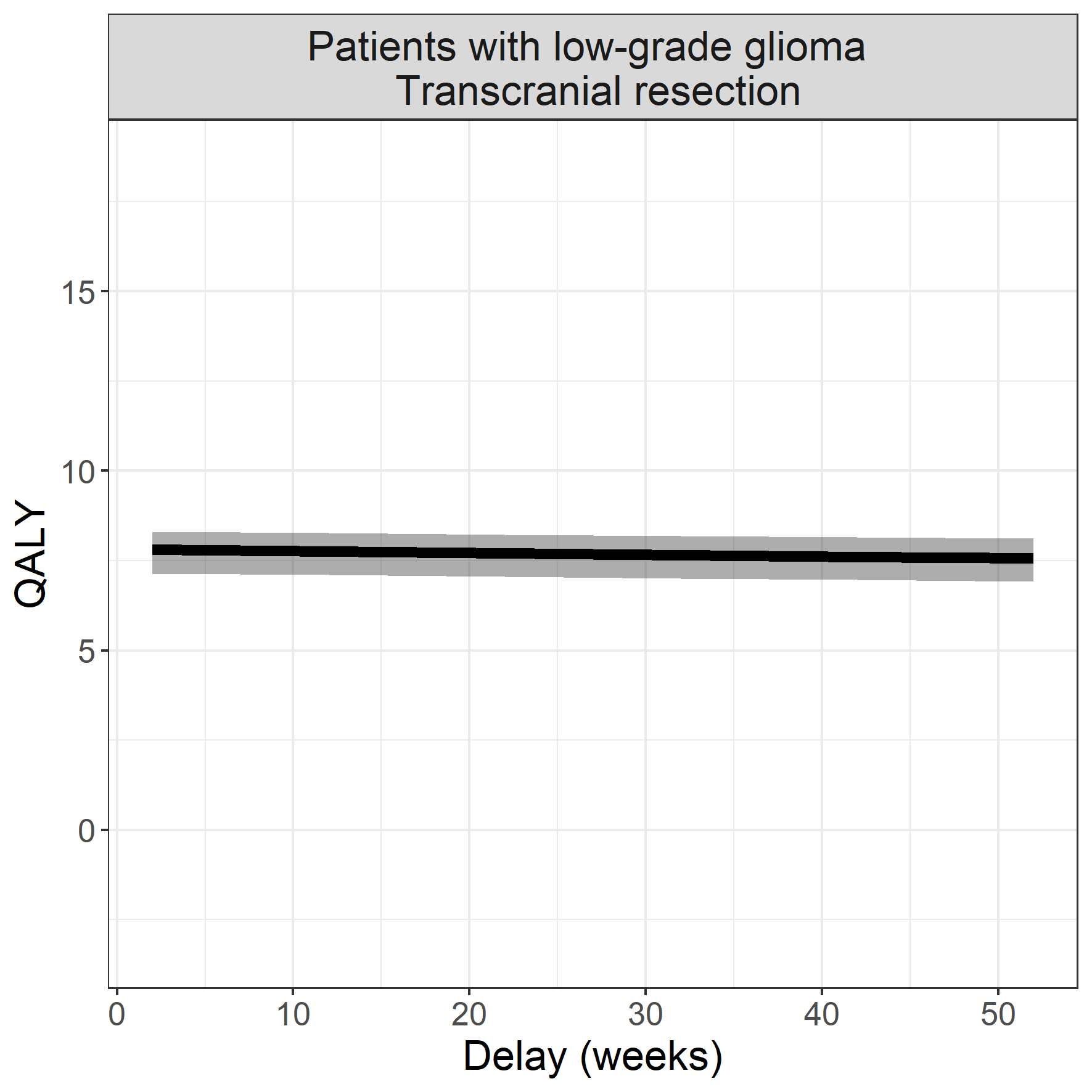
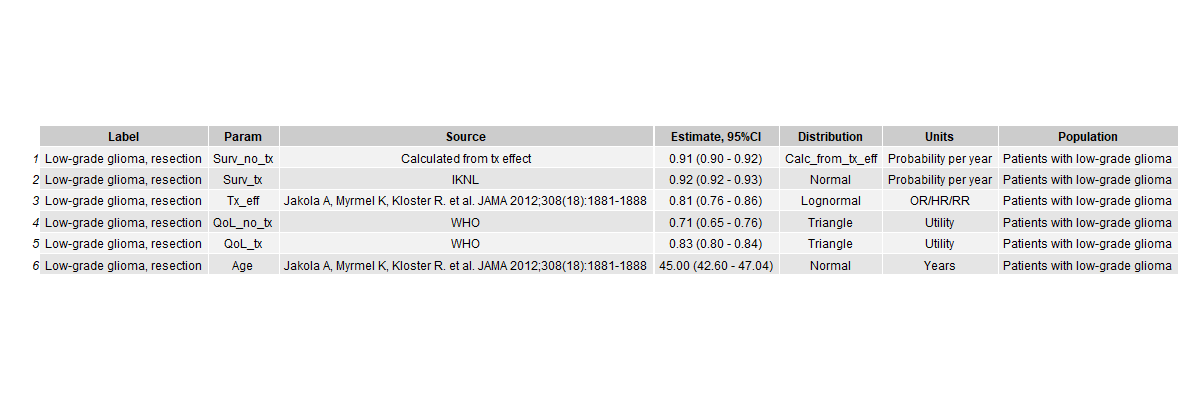
## Cervical cancer

**Surgical procedure: surgical resection**



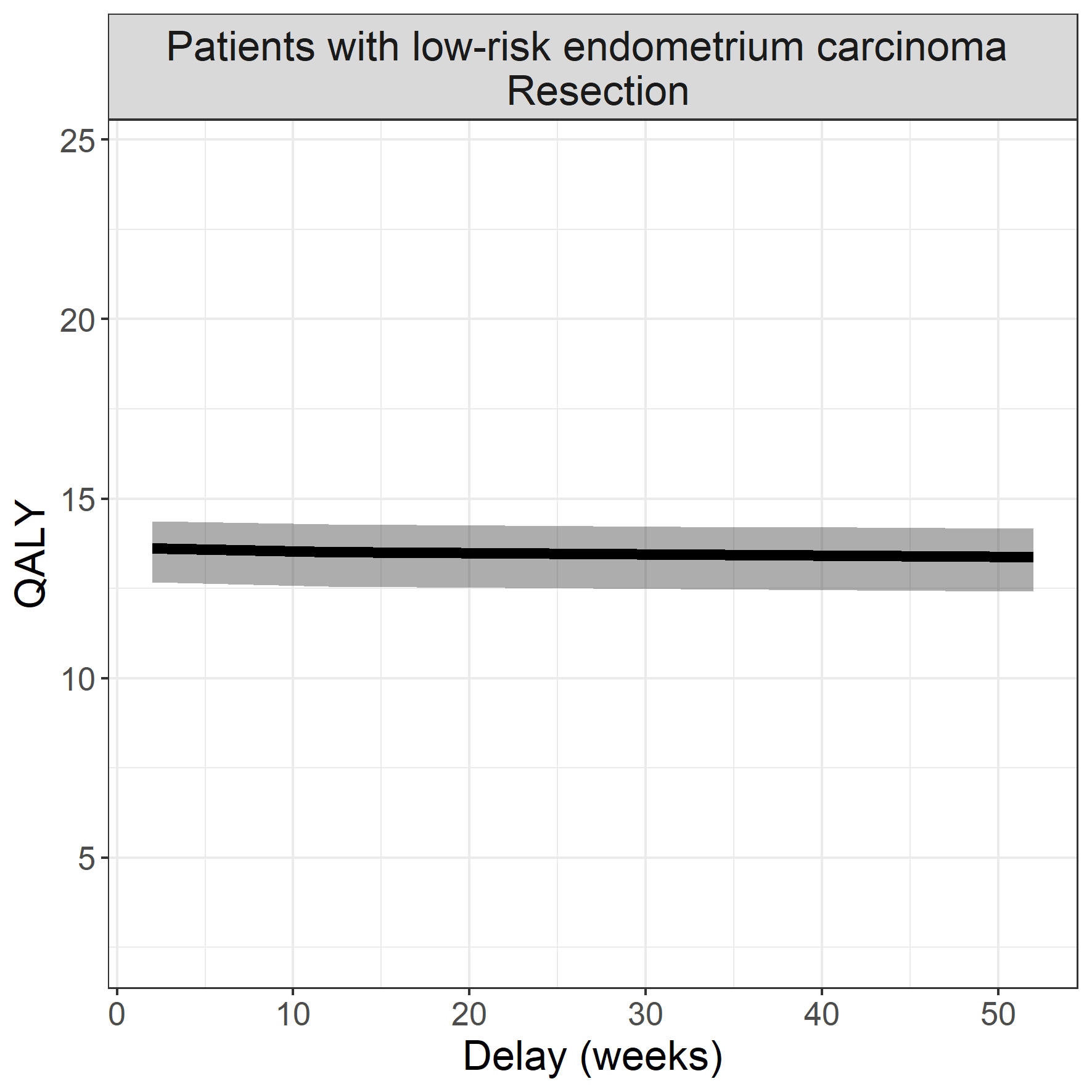
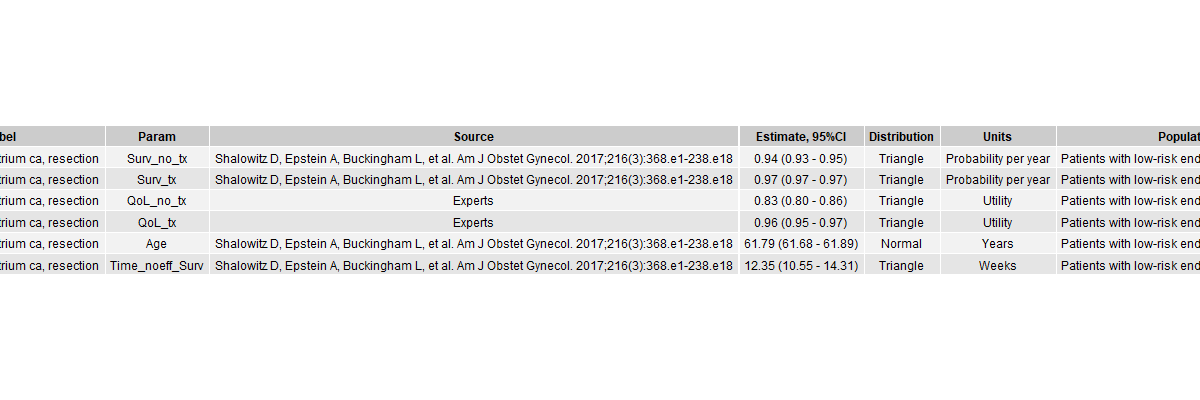
## Low-grade glioma

**Surgical procedure: transcranial resection**



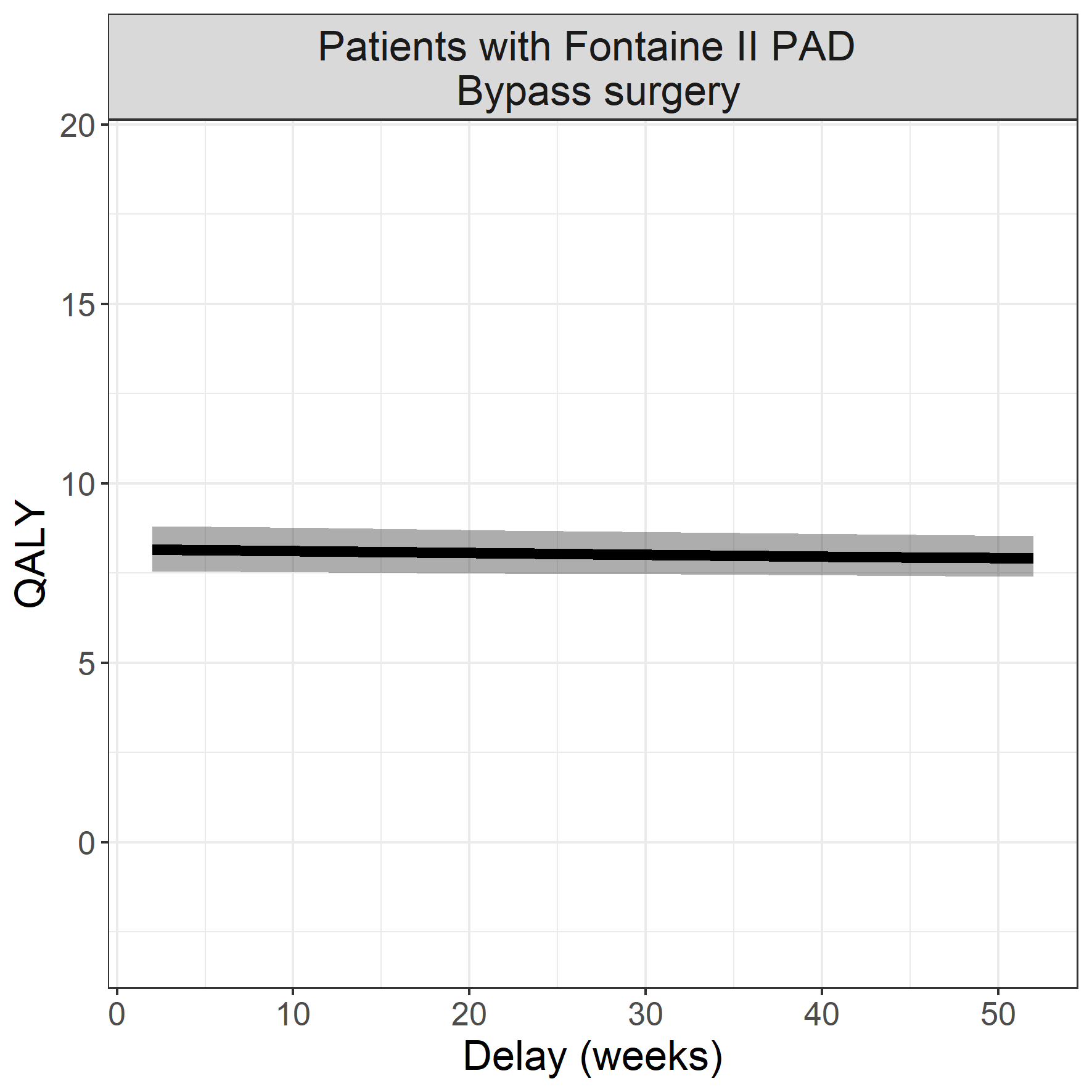
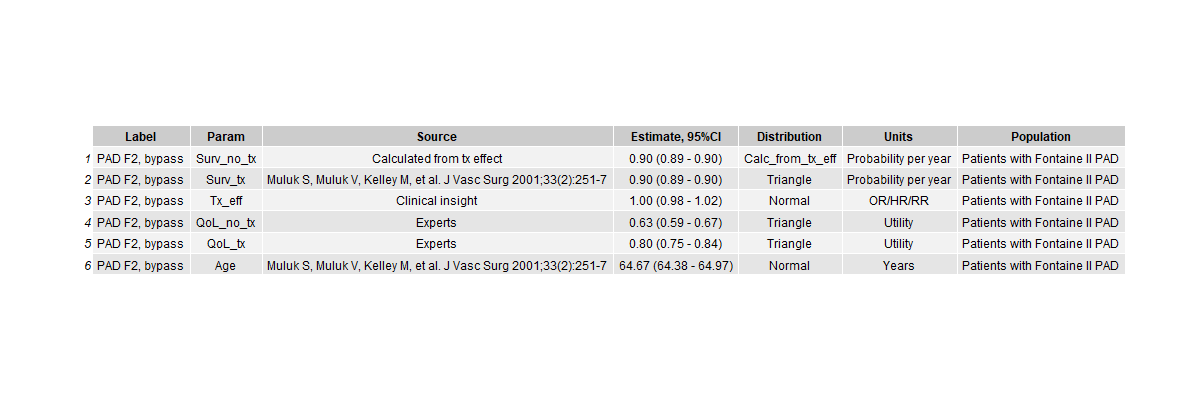
## Low-risk endometrium carcinoma

**Surgical procedure: surgical resection**



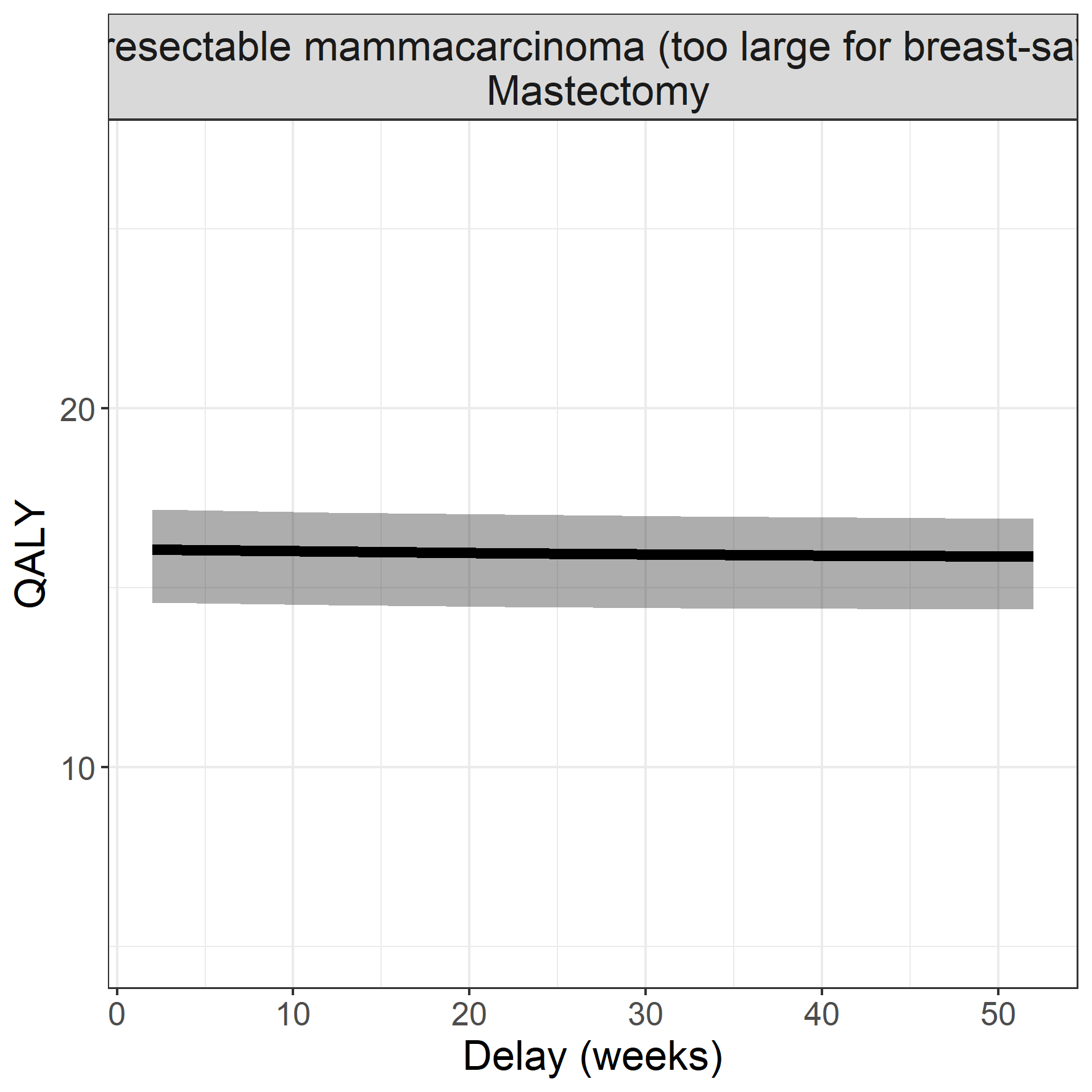
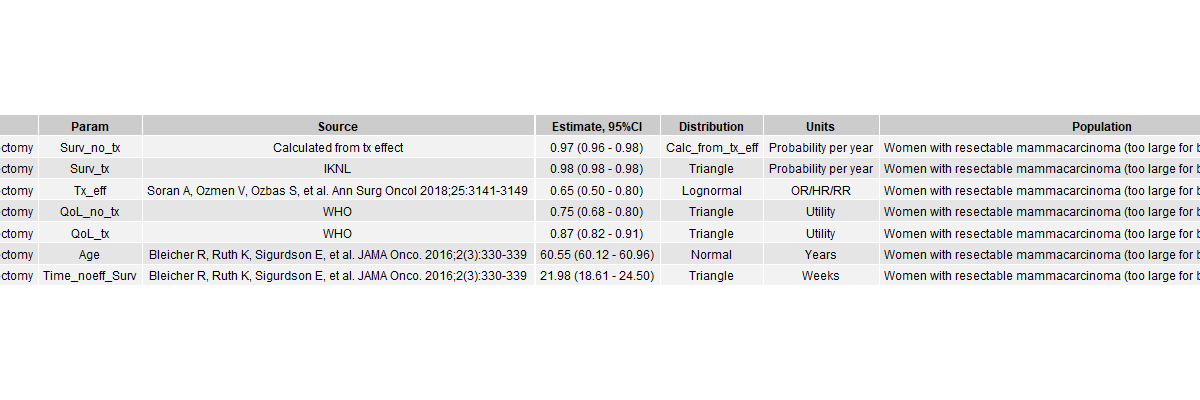
## Fontaine II peripheral artery disease

**Surgical procedure: bypass surgery**



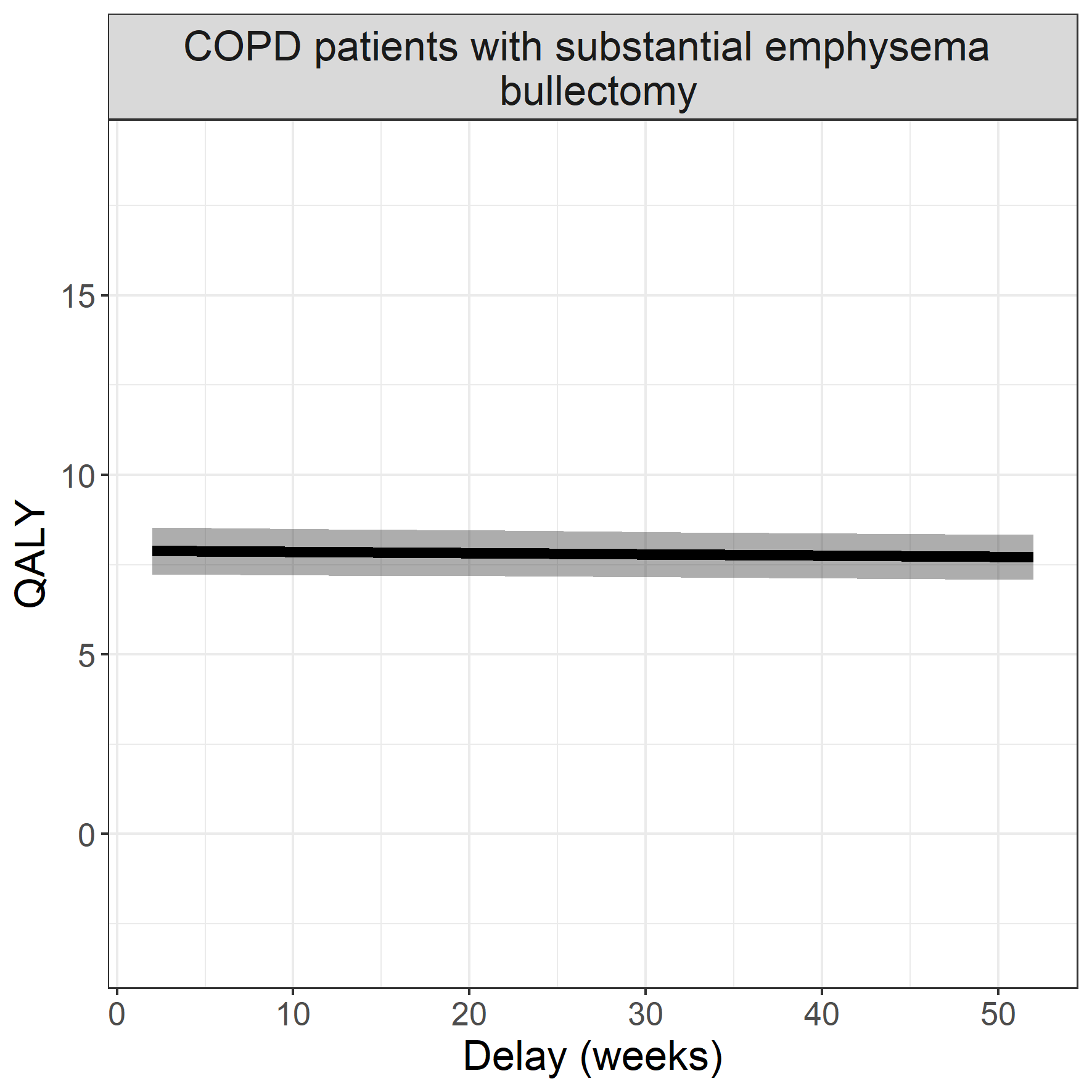
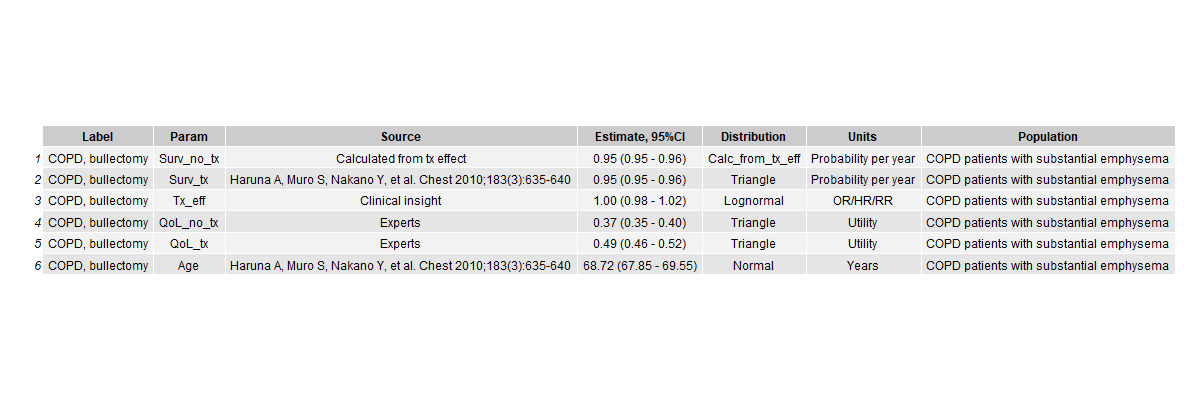
## Resectable mammacarcinoma

**Surgical procedure: mammectomy**



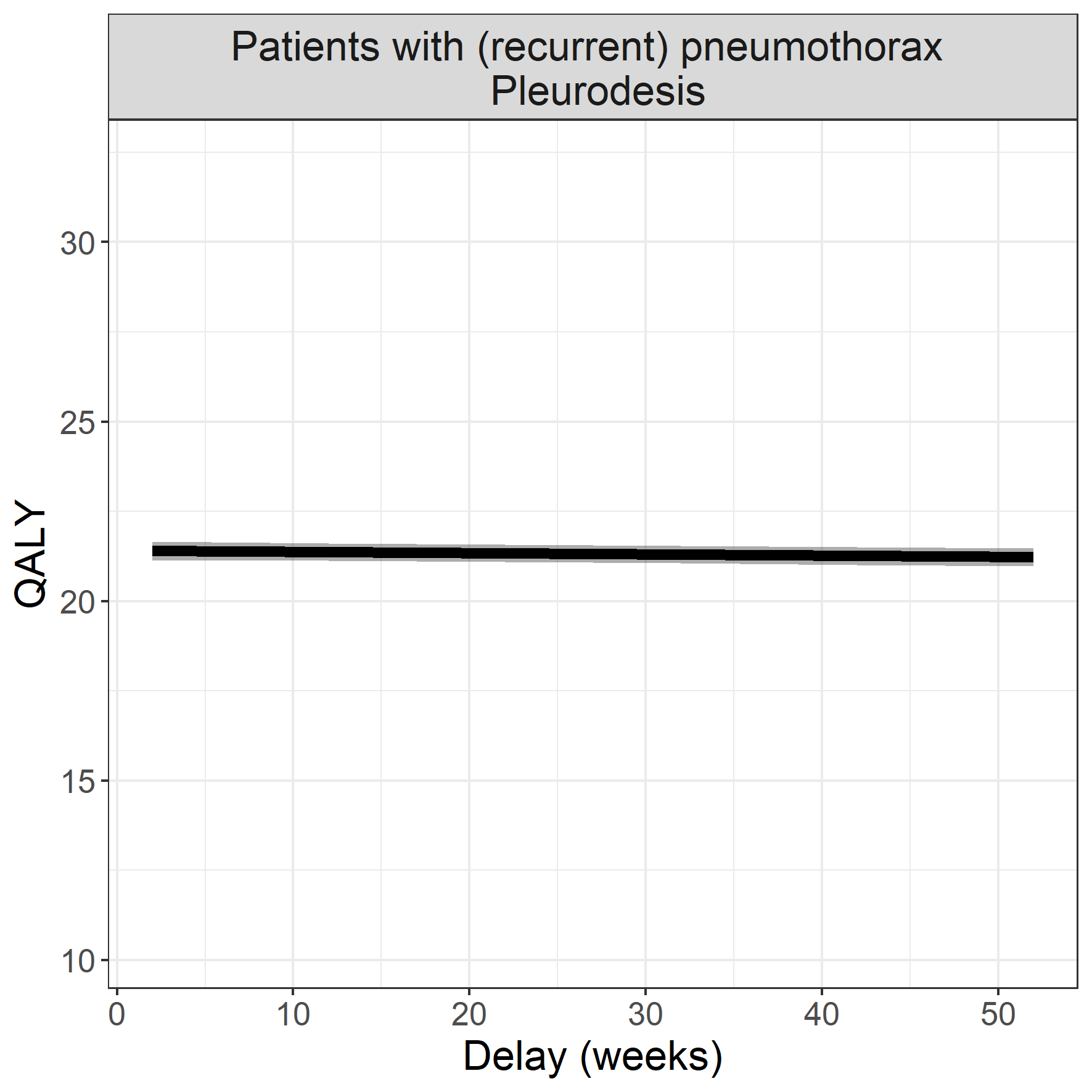
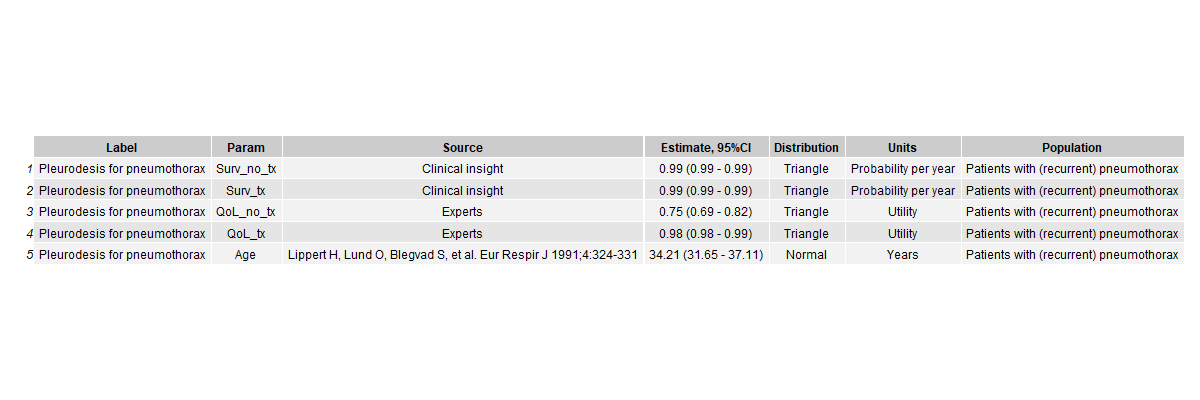
## COPD with substantial emphysema

**Surgical procedure: bullectomy**



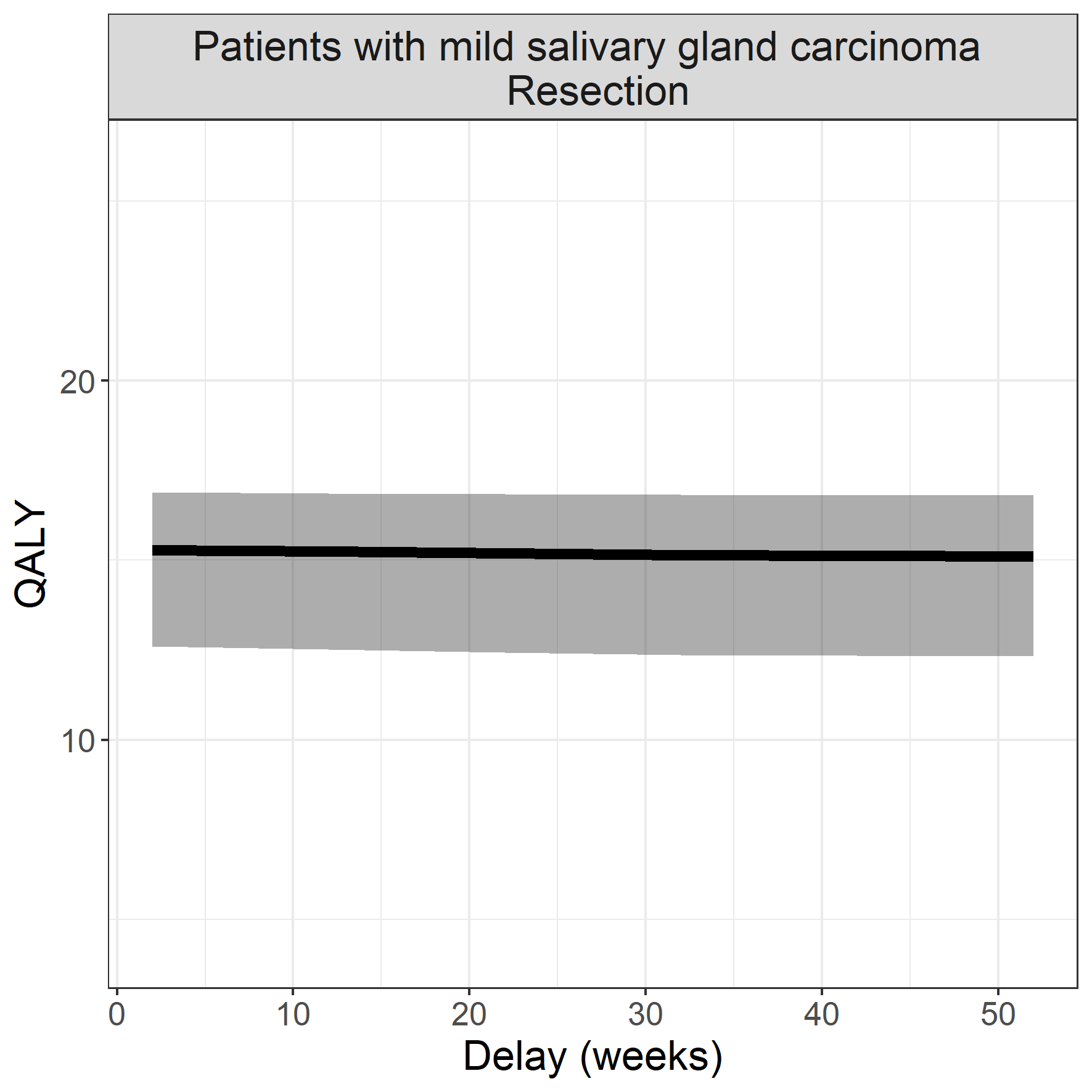
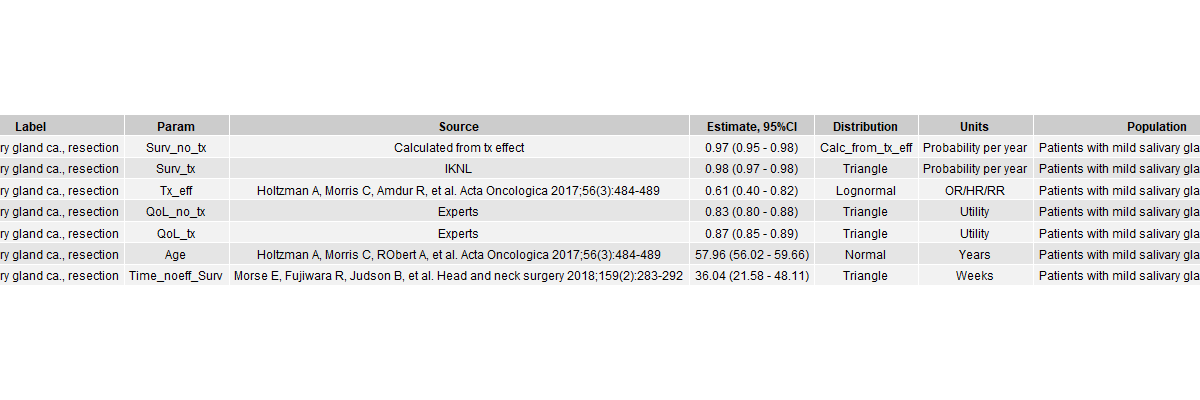
## Recurrent pneumothorax

**Surgical procedure: pleurodesis**



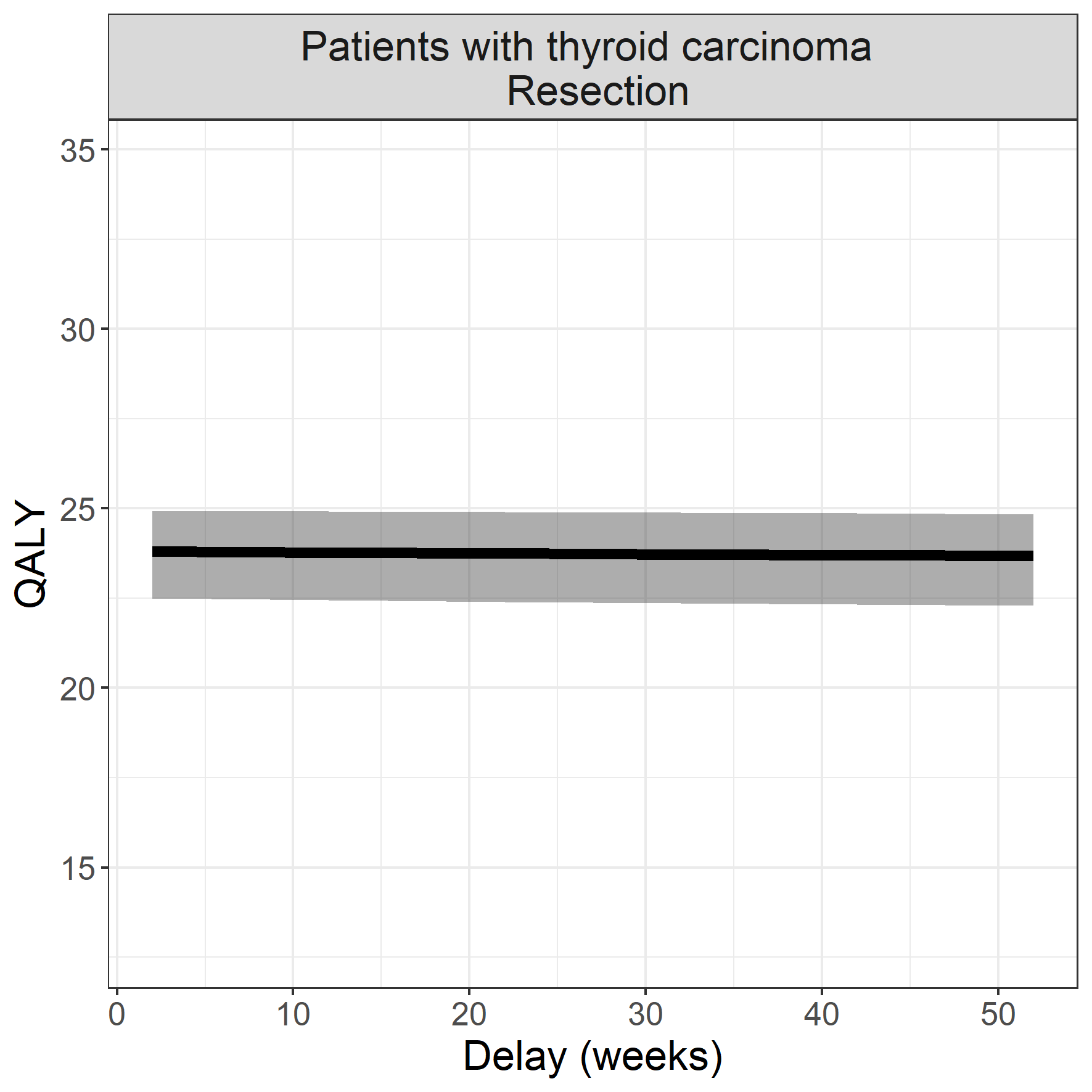
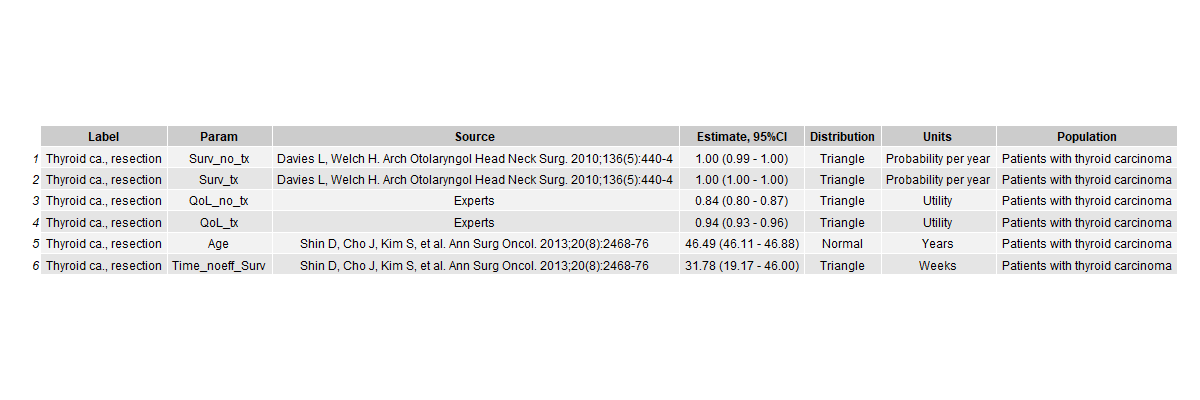
## Mild salivary gland carcinoma

**Surgical procedure: surgical resection**



## Mild salivary gland carcinoma

**Surgical procedure: surgical resection**



## End-stage renal disease

**Surgical procedure: installment of shunt for hemodialysis**

### 