

# Reinterventions exploration

## Proportion of reinterventions

### Patients with 5y FU, reinterventions

Notes: - reintervention means that at least has that number of reinterventions

#### all reinterventions

##	reintervention	N	prop
## 1:	0	258	64.7
## 2:	1	83	20.8
## 3:	2	28	7.0
## 4:	3	13	3.3
## 5:	4	10	2.5
## 6:	5	5	1.3
## 7:	6	2	0.5

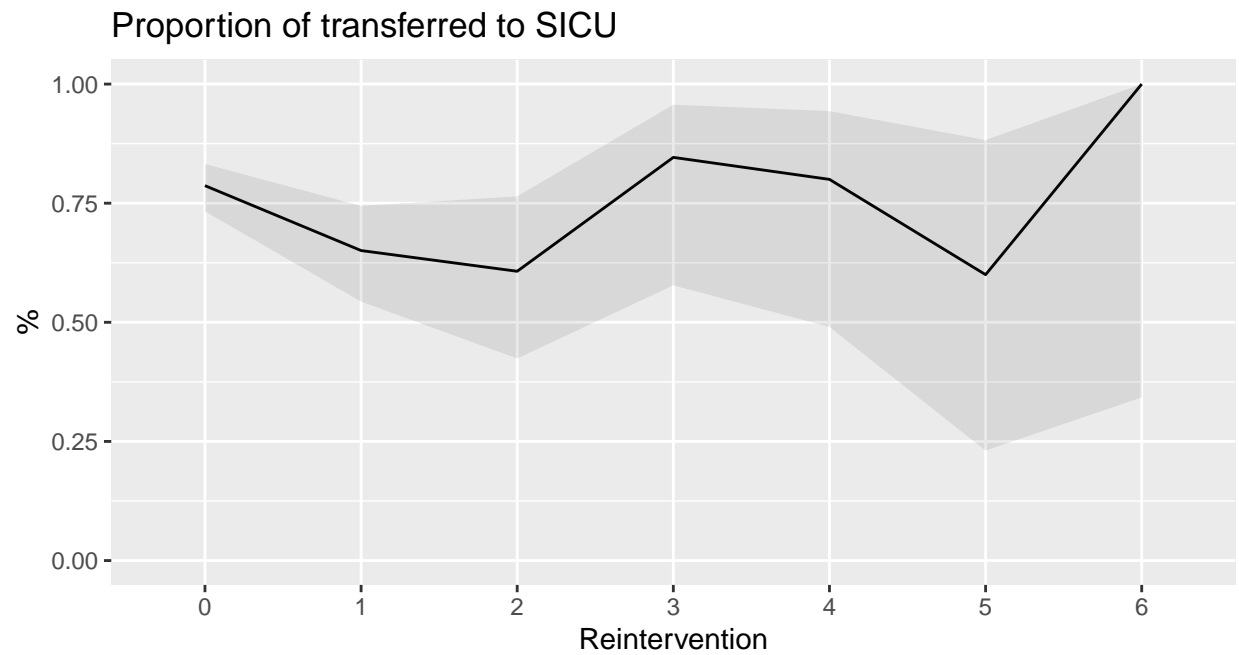
#### reinterventions before 5y

##	reintervention	N	prop
## 1:	0	258	68.8
## 2:	1	73	19.5
## 3:	2	26	6.9
## 4:	3	10	2.7
## 5:	4	5	1.3
## 6:	5	2	0.5
## 7:	6	1	0.3

The analysis follows with 5Y FU. Number of patients 258

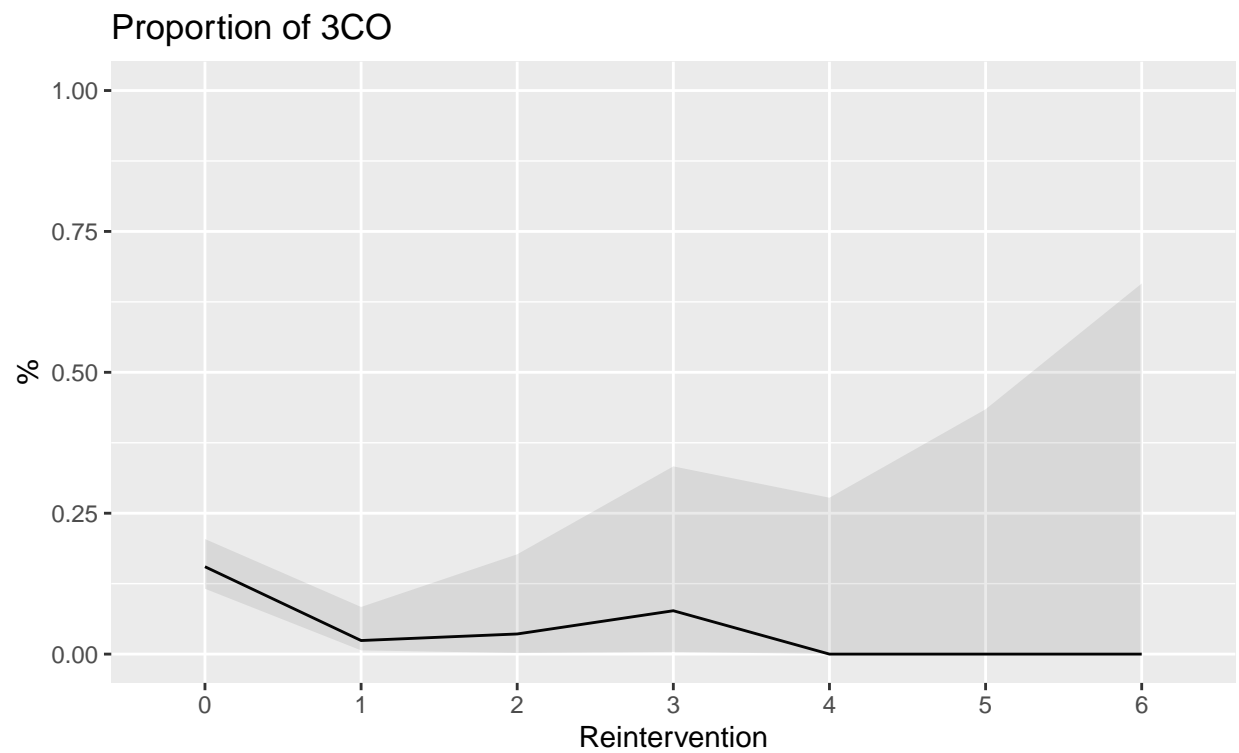
## Proportion of SICU transfers

##	reintervention	prop	N	sd
## 1:	0	0.787	258	0.025
## 2:	1	0.651	83	0.052
## 3:	2	0.607	28	0.092
## 4:	3	0.846	13	0.100
## 5:	4	0.800	10	0.126
## 6:	5	0.600	5	0.219
## 7:	6	1.000	2	0.000

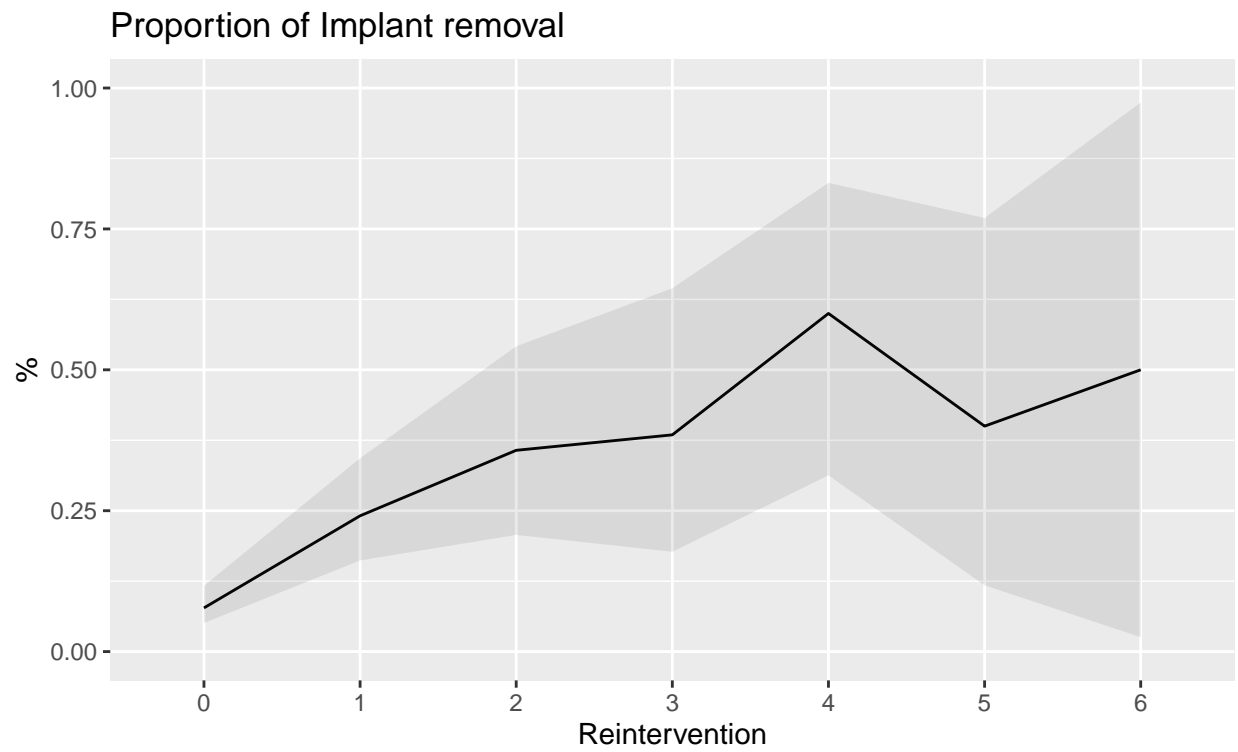


```
##               Estimate Std. Error  t value    Pr(>|t|)
## (Intercept)    0.77008  0.02594933  29.676301 5.406793e-101
## reintervention -0.05152  0.02871312  -1.794301 7.355984e-02
```

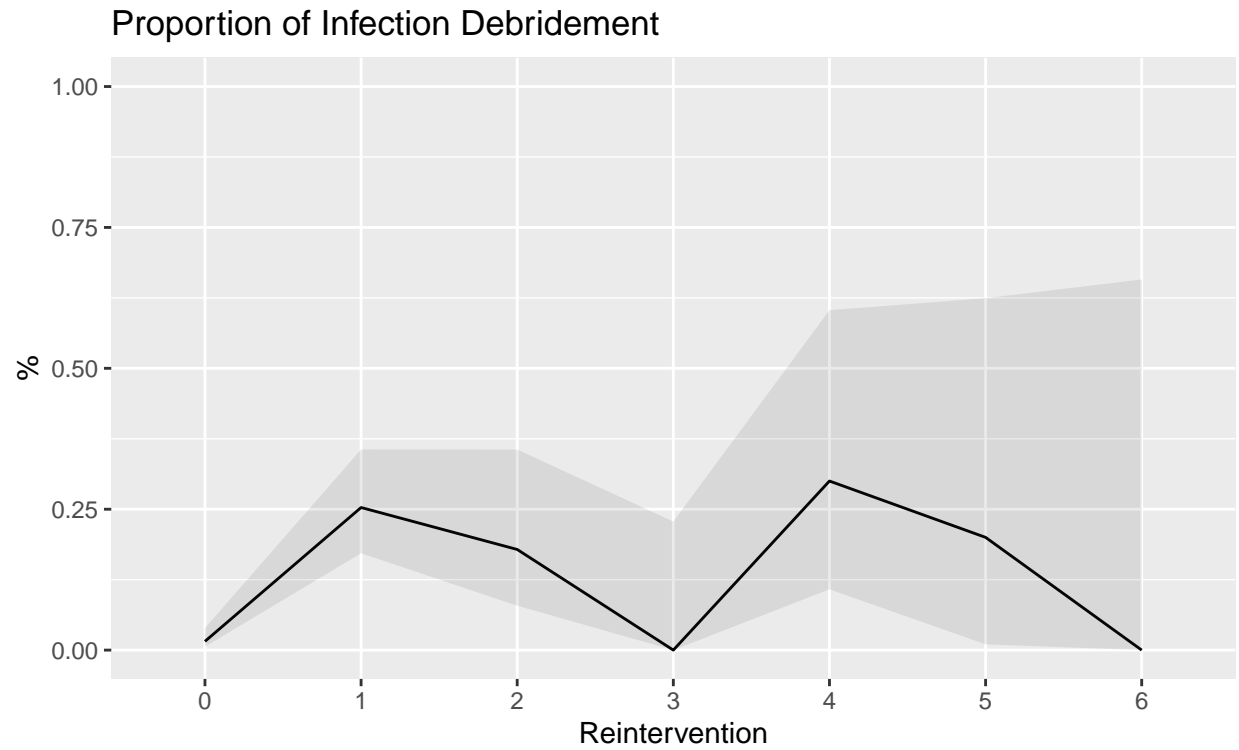
## Evolution of surgeries



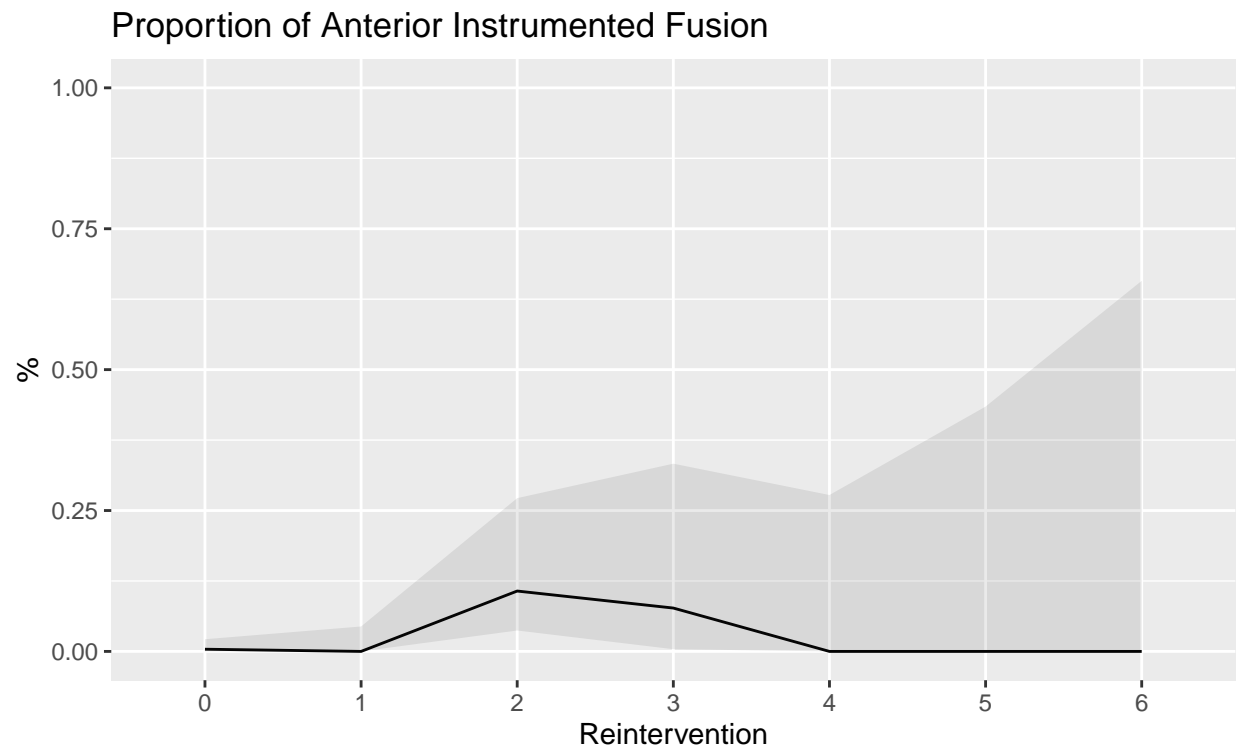
	Estimate	Std. Error	t value	Pr(> t )
(Intercept)	0.14265143	0.01891685	7.540970	3.466497e-13
reintervention	-0.05894857	0.02093164	-2.816242	5.112294e-03



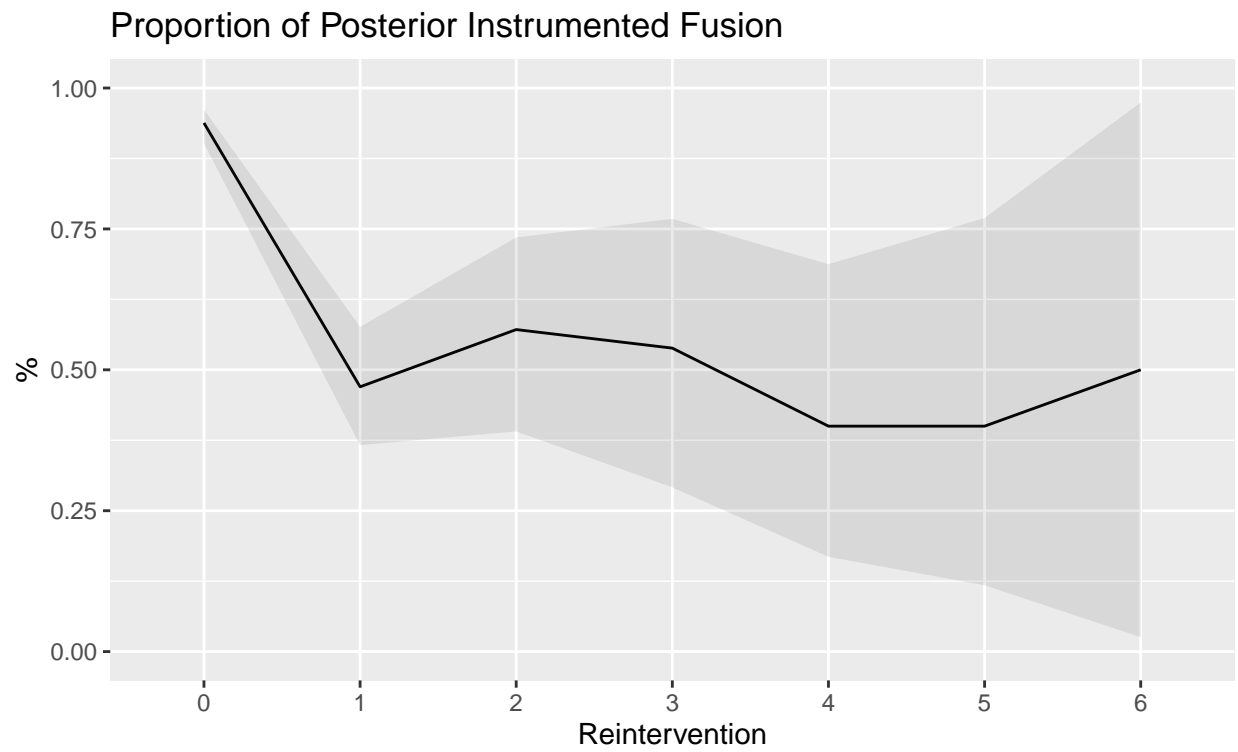
	Estimate	Std. Error	t value	Pr(> t )
(Intercept)	0.08422857	0.02016044	4.177914	3.653148e-05
reintervention	0.12822857	0.02230767	5.748182	1.853855e-08



	Estimate	Std. Error	t value	Pr(> t )
(Intercept)	0.04390857	0.01573302	2.790855	5.522088e-03
reintervention	0.07430857	0.01740871	4.268472	2.488605e-05



	Estimate	Std. Error	t value	Pr(> t )
(Intercept)	-0.00048	0.006669378	-0.07197073	9.426631e-01
reintervention	0.02912	0.007379717	3.94595096	9.467755e-05



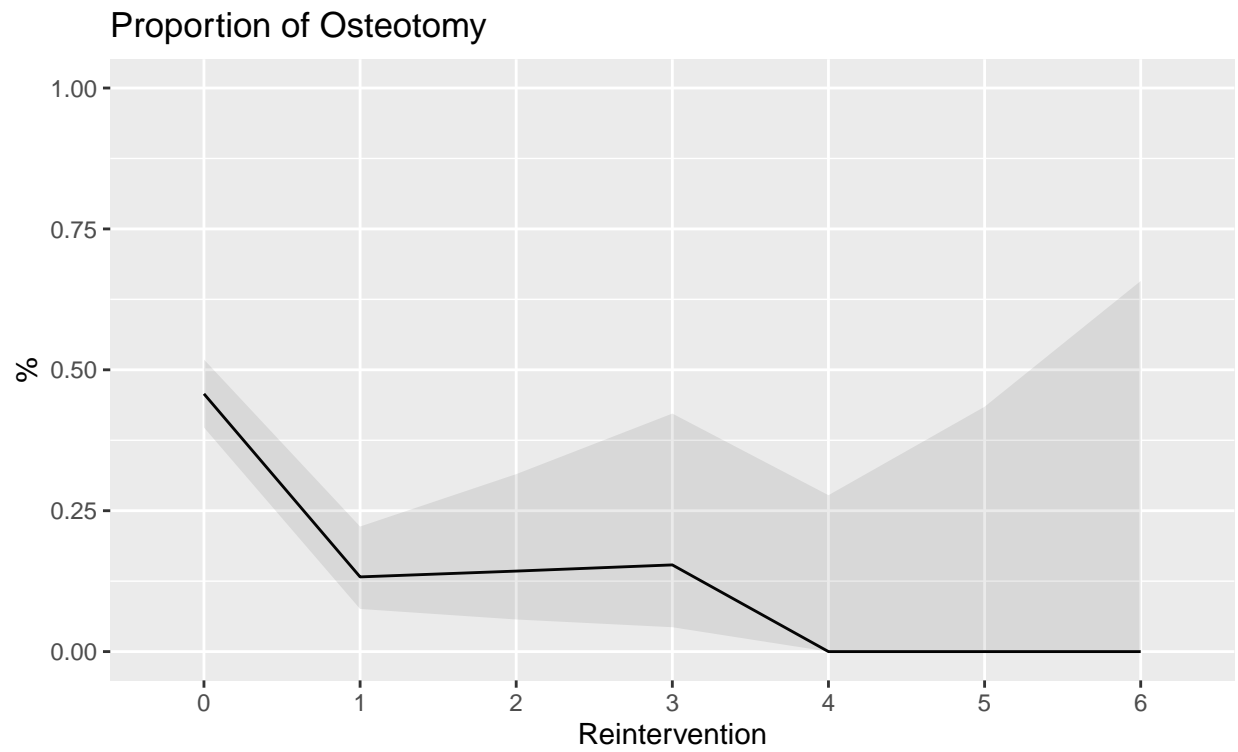
	Estimate	Std. Error	t value	Pr(> t )
(Intercept)	0.8968229	0.02194218	40.872099	3.634037e-141
reintervention	-0.2167771	0.02427919	-8.928518	1.872350e-17



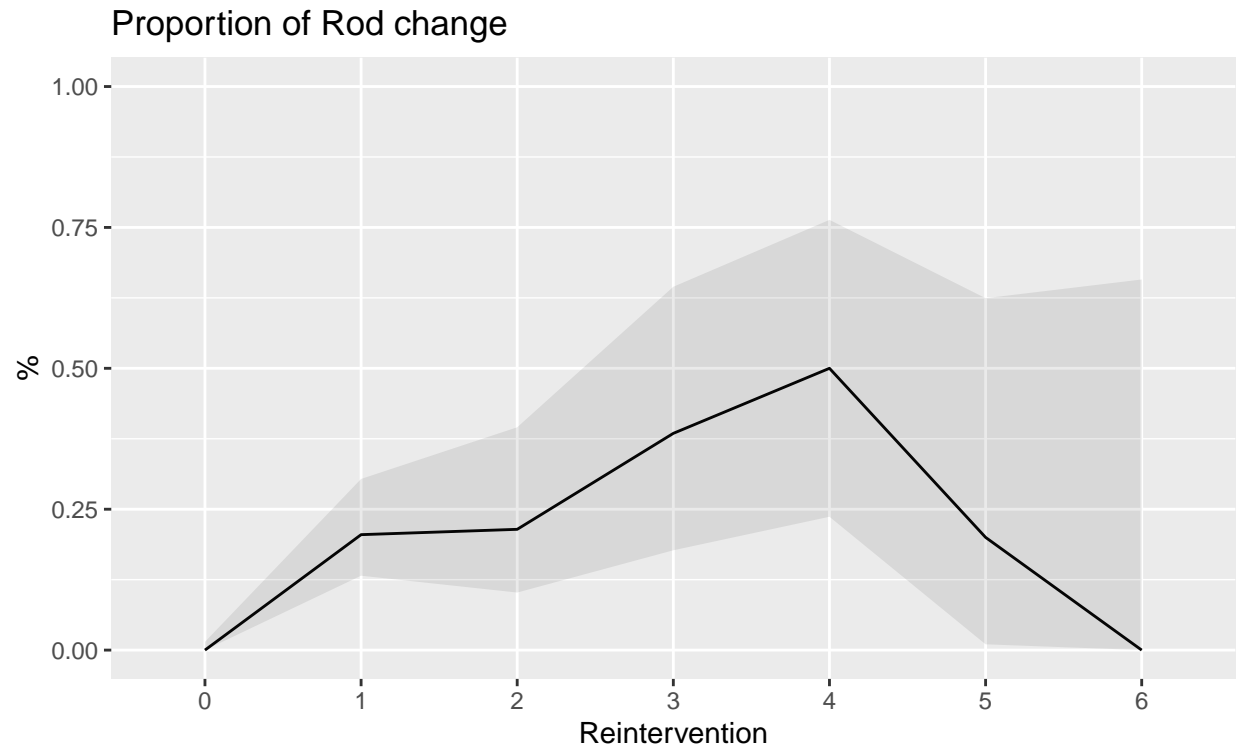
	Estimate	Std. Error	t value	Pr(> t )
(Intercept)	0.28790857	0.02607739	11.040544	9.083852e-25
reintervention	-0.06169143	0.02885483	-2.137993	3.315471e-02



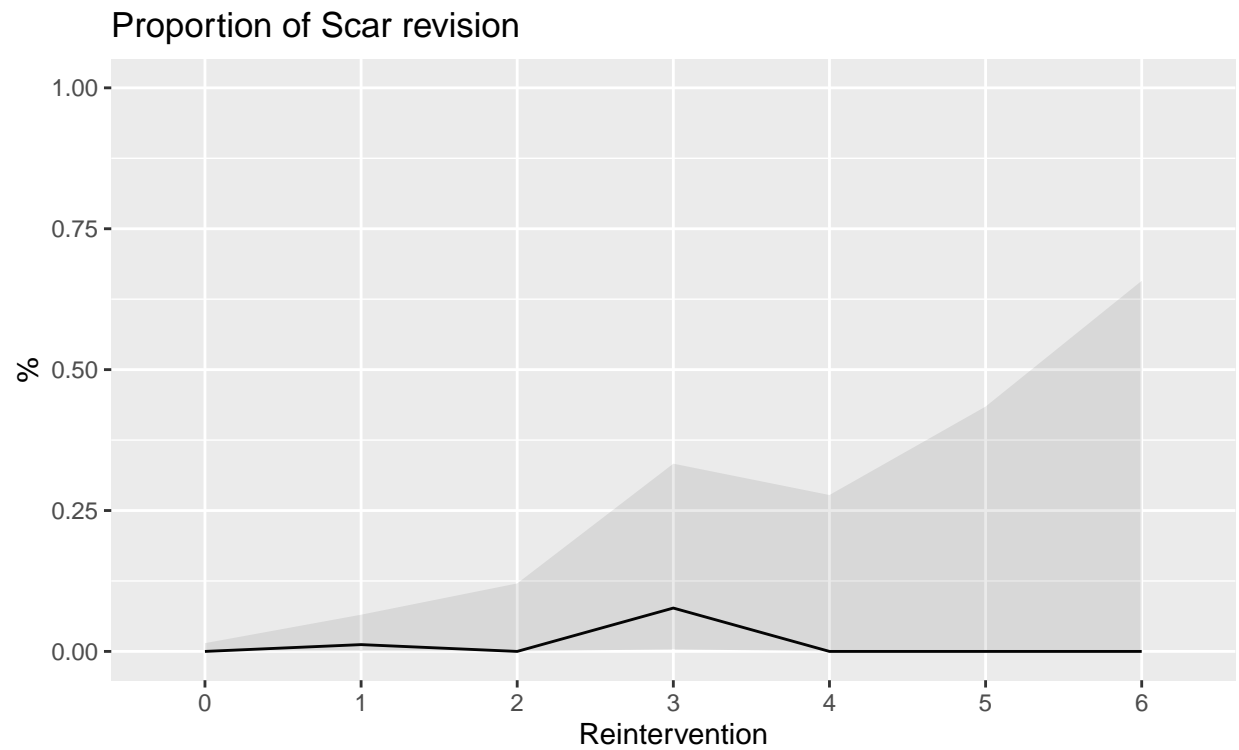
	Estimate	Std. Error	t value	Pr(> t )
(Intercept)	0.40157714	0.02891126	13.889990	9.230518e-36
reintervention	-0.05282286	0.03199053	-1.651203	9.952328e-02



	Estimate	Std. Error	t value	Pr(> t )
(Intercept)	0.4305143	0.02757220	15.614069	8.210859e-43
reintervention	-0.1654857	0.03050885	-5.424187	1.038237e-07



	Estimate	Std. Error	t value	Pr(> t )
(Intercept)	0.01033143	0.01429092	0.7229366	4.701636e-01
reintervention	0.13513143	0.01581301	8.5455851	3.145266e-16





	Estimate	Std. Error	t value	Pr(> t )
(Intercept)	-0.001005714	0.004275869	-0.235207	0.814174762
reintervention	0.013394286	0.004731281	2.831006	0.004886866

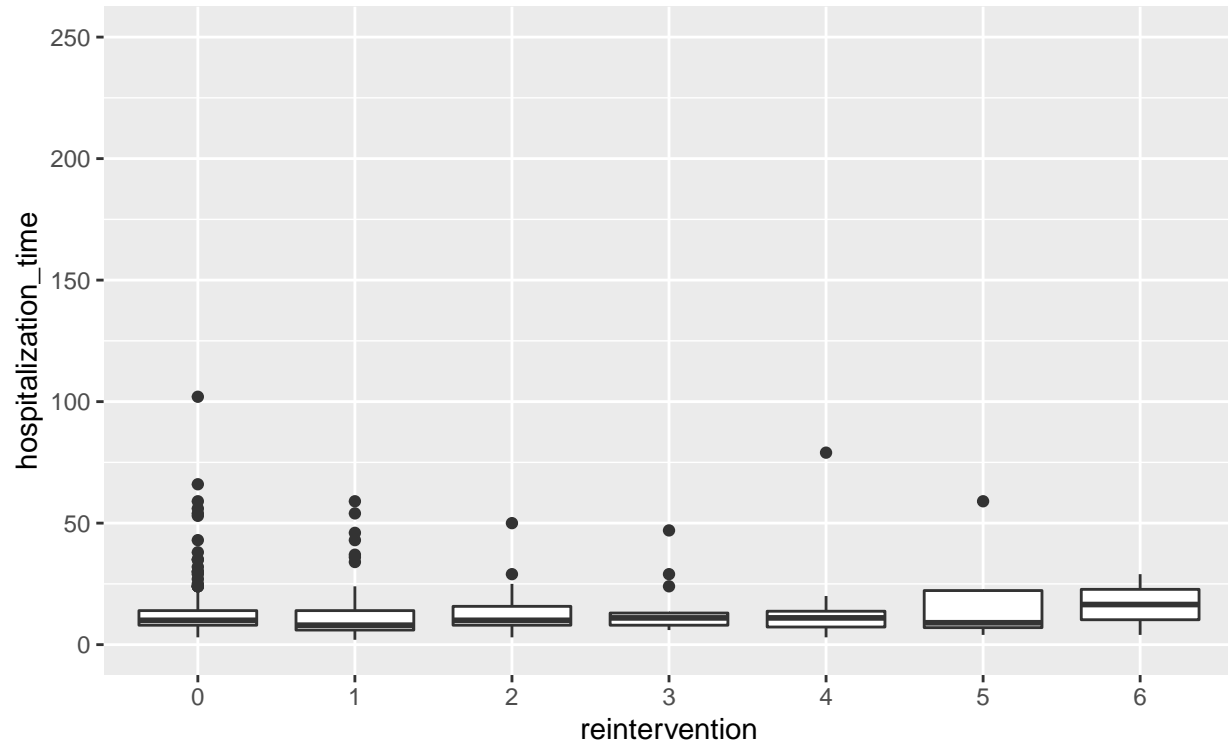
## Hospitalization Time

Basic stats hospitalization time

	type	index	ur
1:	Mean	12.87984	13.35714
2:	Sd	10.24738	12.48428

t-test mean comparison p-values index vs ur

[1] 0.6990194



##	reintervention	0%	25%	50%	75%	100%
## 1:	0	3	8.00	10.0	14.00	102
## 2:	1	2	6.00	8.0	14.00	59
## 3:	2	3	8.00	10.0	15.75	50
## 4:	3	6	8.00	11.0	13.00	47
## 5:	4	3	7.25	11.0	13.75	79
## 6:	5	4	7.00	9.0	22.25	59
## 7:	6	4	10.25	16.5	22.75	29

##	Estimate	Std. Error	t value	Pr(> t )
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```
## (Intercept)      12.7057143   0.6235471 20.3765110 6.606653e-63
## reintervention   0.3057143   0.6899596  0.4430901 6.579527e-01
```

Note: linear model only up to 3 reinterventions (included)

## Blood Loss

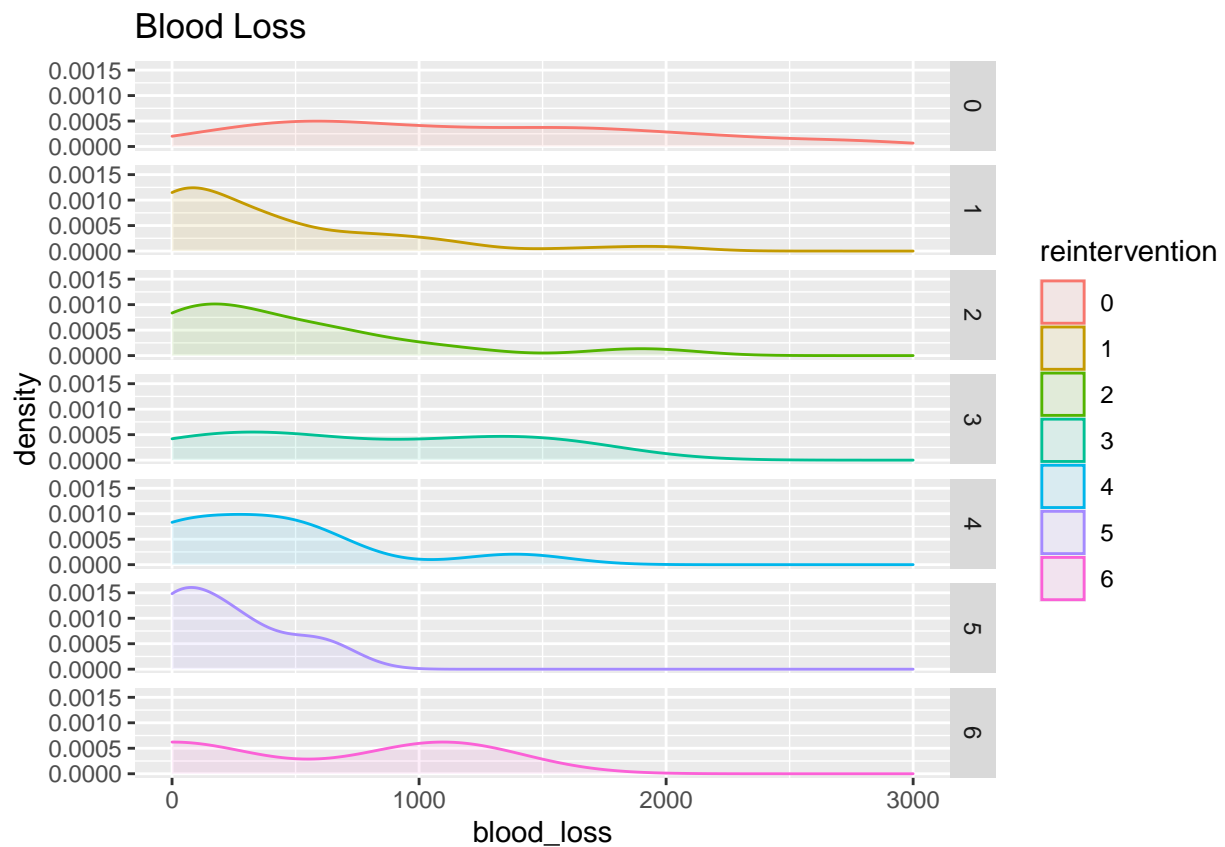
### Basic stats blood loss

```
type    index    ur
1: Mean 1579.701 512.4496
2:   Sd 1373.563 720.7775
```

### t-test mean comparison p-values index vs ur

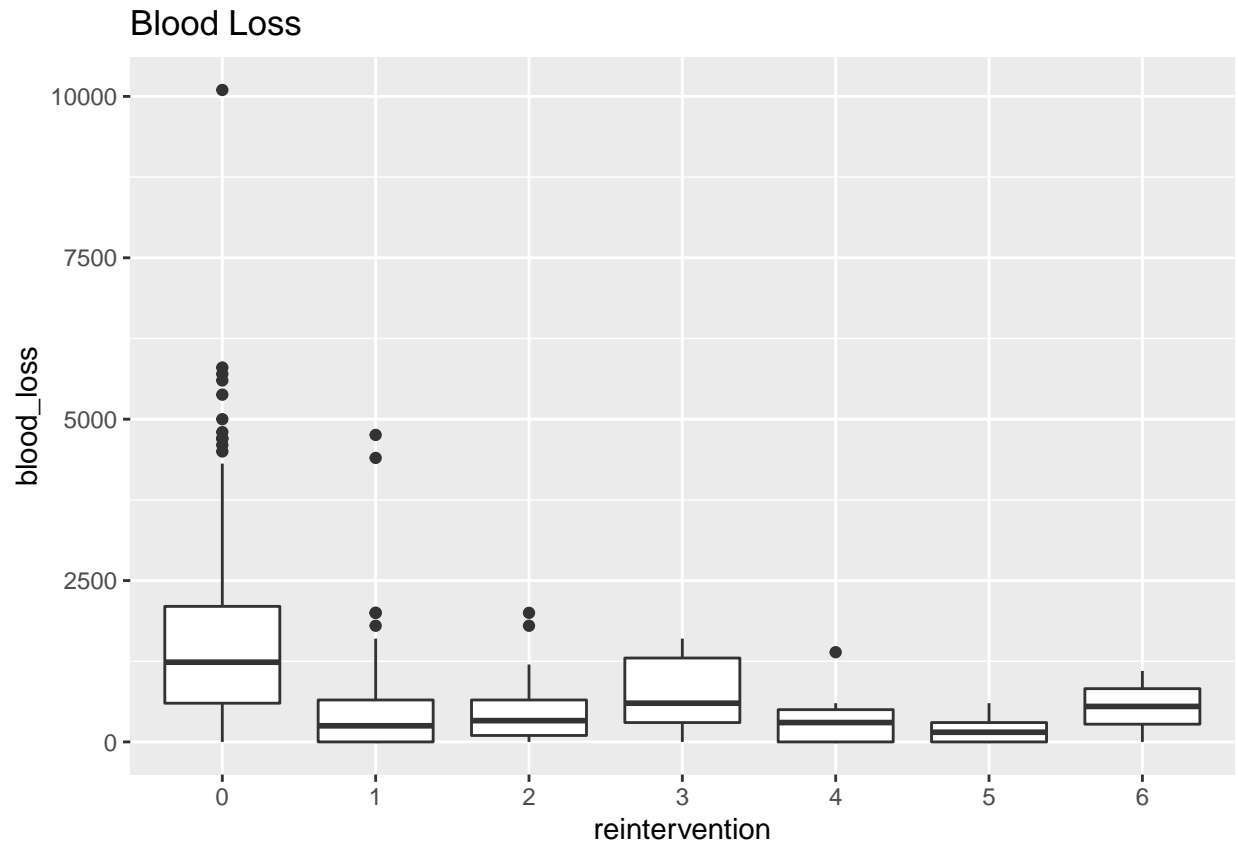
```
[1] 7.690981e-18
```

Warning: Removed 98 rows containing non-finite values (stat\_density).



	Estimate	Std. Error	t value	Pr(> t )
(Intercept)	1468.3478	82.73903	17.746738	4.959417e-49
reintervention	-503.4387	84.38847	-5.965729	6.681517e-09

Warning: Removed 73 rows containing non-finite values (stat\_boxplot).



## Surgical Time

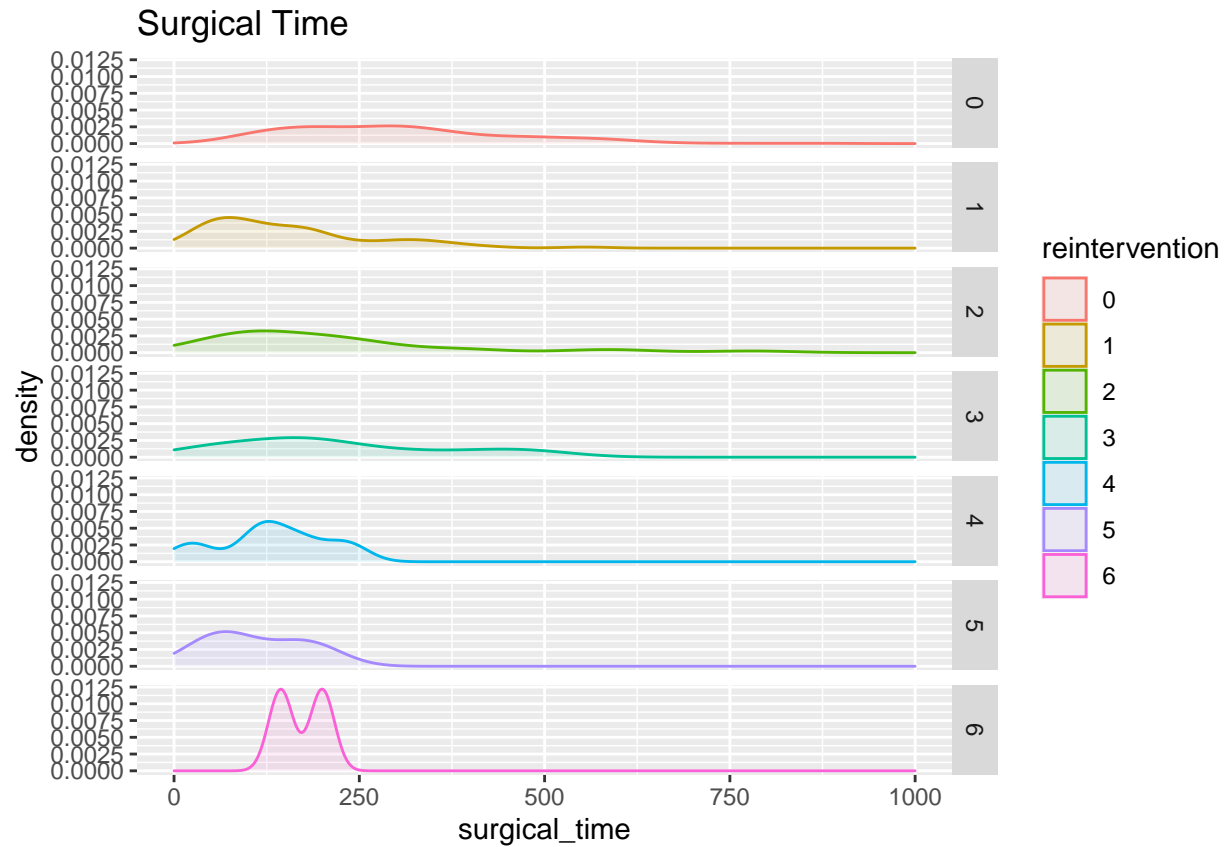
Basic stats surgical time

	type	index	ur
1:	Mean	307.2132	172.2889
2:	Sd	164.3626	130.8314

t-test mean comparison p-values index vs ur

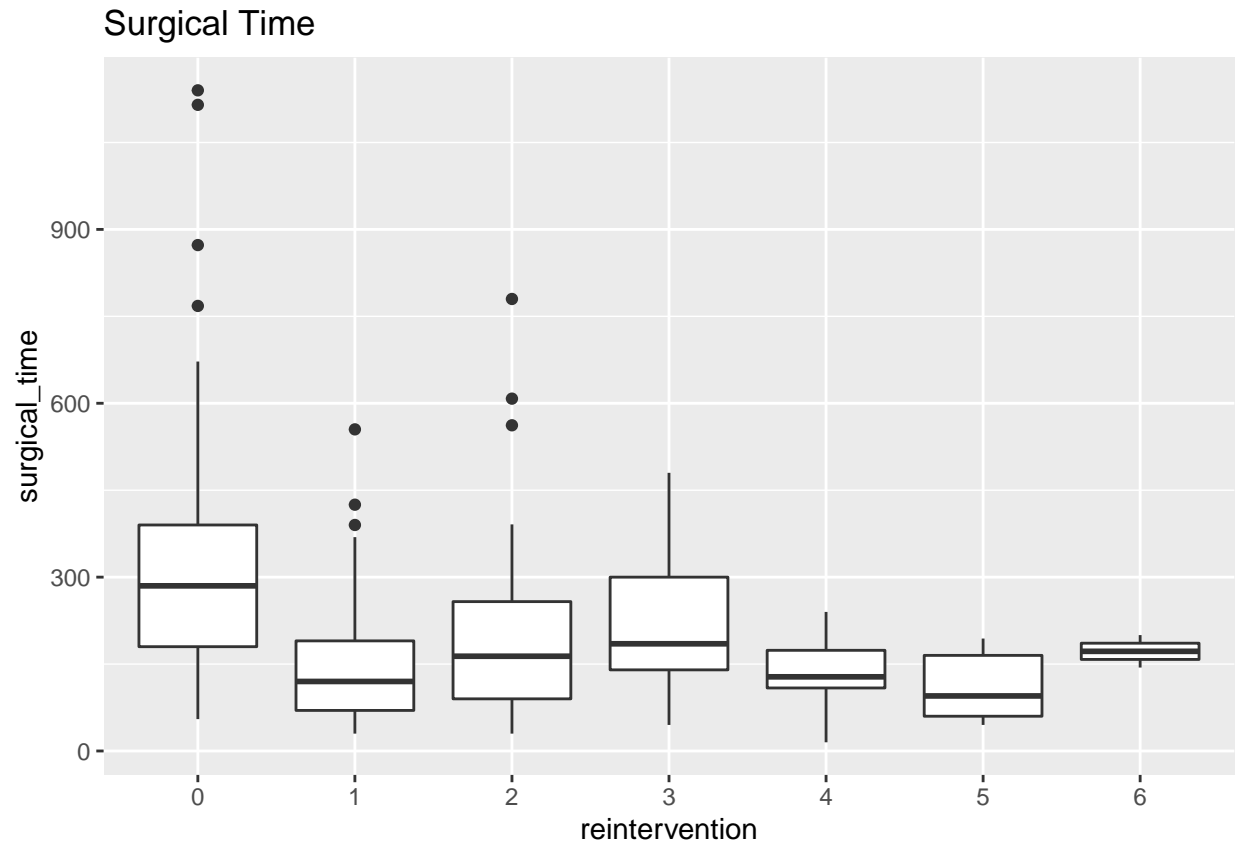
[1] 4.799287e-17

Warning: Removed 8 rows containing non-finite values (stat\_density).



	Estimate	Std. Error	t value	Pr(> t )
(Intercept)	292.74242	9.658606	30.308972	9.332159e-103
reintervention	-56.93692	10.706503	-5.317975	1.809694e-07

Warning: Removed 6 rows containing non-finite values (stat\_boxplot).



Note: linear model only up to 3 reinterventions (included)