

Tables and Figures

November 28, 2022

Tables

Table 1: Word Bank

Terms	Brief definition
Observation	Unit of study
Time	Time since entry into study
Event	Occasion that marks the outcome
Censored	No event was observed
Survival time	Time elapsed until event/censored
Median survival time	Time when about half of observations had events
Nth year survival	Proportion of observations still 'alive' year N
Kaplan-Meier plot	Curves that tell the story
Hazard ratio	Measure for comparing probability of 'event'
Log-rank test	Tool for comparing groups without controlling for other factors
Cox model	Tool for comparing groups while controlling for other factors

Table 2: Description of data

Characteristic	N = 1,002
Age (yrs)	75 (32, 104)
Unknown	445
Sex	
F	294 (53%)
M	262 (47%)
Unknown	446
CRA	
High Risk	159 (41%)
Not High Risk	230 (59%)
Unknown	613
Tooth type	
A	190 (19%)
P	808 (81%)
Unknown	4
Jaw	
Md	474 (47%)
Mx	528 (53%)
Repair material	
Amal	379 (38%)
GI	114 (11%)
RBC	92 (9.2%)

Table 2: Description of data (*continued*)

Characteristic	N = 1,002
RMGI	416 (42%)
Unknown	1
Surfaces	
B	403 (40%)
L	214 (21%)
Other	385 (38%)
Number of surfaces	
1	724 (72%)
2	278 (28%)
Root canal treated?	
No RCT	648 (65%)
RCT	348 (35%)
Unknown	6
Crown type	
C	55 (5.5%)
Other	384 (38%)
PFM	560 (56%)
Unknown	3
Provider	
faculty	356 (36%)
student	646 (64%)
Status	
Censored	673 (67%)
Event	329 (33%)
Time	1.92 (0.00, 12.12)
¹ Formats: Median (range), n (%)	

Table 3: Median survival time

Median survival time	95% CI (lower)	95% CI (upper)
5.11	4.48	5.72

Table 4: 1, 3, and 5 year survival

Time	Number at risk	Number of events	Probability of survival	Standard Error	95% CI (lower)	95% CI (upper)
1	690	64	0.923	0.009	0.904	0.941
3	342	161	0.664	0.019	0.628	0.702
5	140	60	0.513	0.023	0.471	0.560

Table 5: Cox model results

Characteristic	HR	95% CI	p-value
Age (yrs)	1.01	0.99, 1.03	0.4
Sex			
F			
M	1.18	0.79, 1.74	0.4
CRA			
High Risk			
Not High Risk	0.71	0.47, 1.06	0.092
Tooth type			
A			
P	1.74	0.92, 3.30	0.091
Jaw			
Md			
Mx	0.67	0.43, 1.06	0.086
Repair material			
Amal			
GI	2.41	1.21, 4.82	0.013
RBC	1.53	0.63, 3.72	0.4
RMGI	1.26	0.79, 2.00	0.3
Surfaces			
B			
L	1.28	0.73, 2.26	0.4
Other	1.42	0.84, 2.40	0.2
Number of surfaces			
1			
2	1.36	0.87, 2.13	0.2
Root canal treated?			
No RCT			
RCT	1.53	1.01, 2.32	0.047
Crown type			
C			
Other	1.29	0.47, 3.58	0.6
PFM	1.20	0.45, 3.18	0.7
Provider			
faculty			
student	1.42	0.85, 2.38	0.2

¹ HR = Hazard Ratio, CI = Confidence Interval

Figures

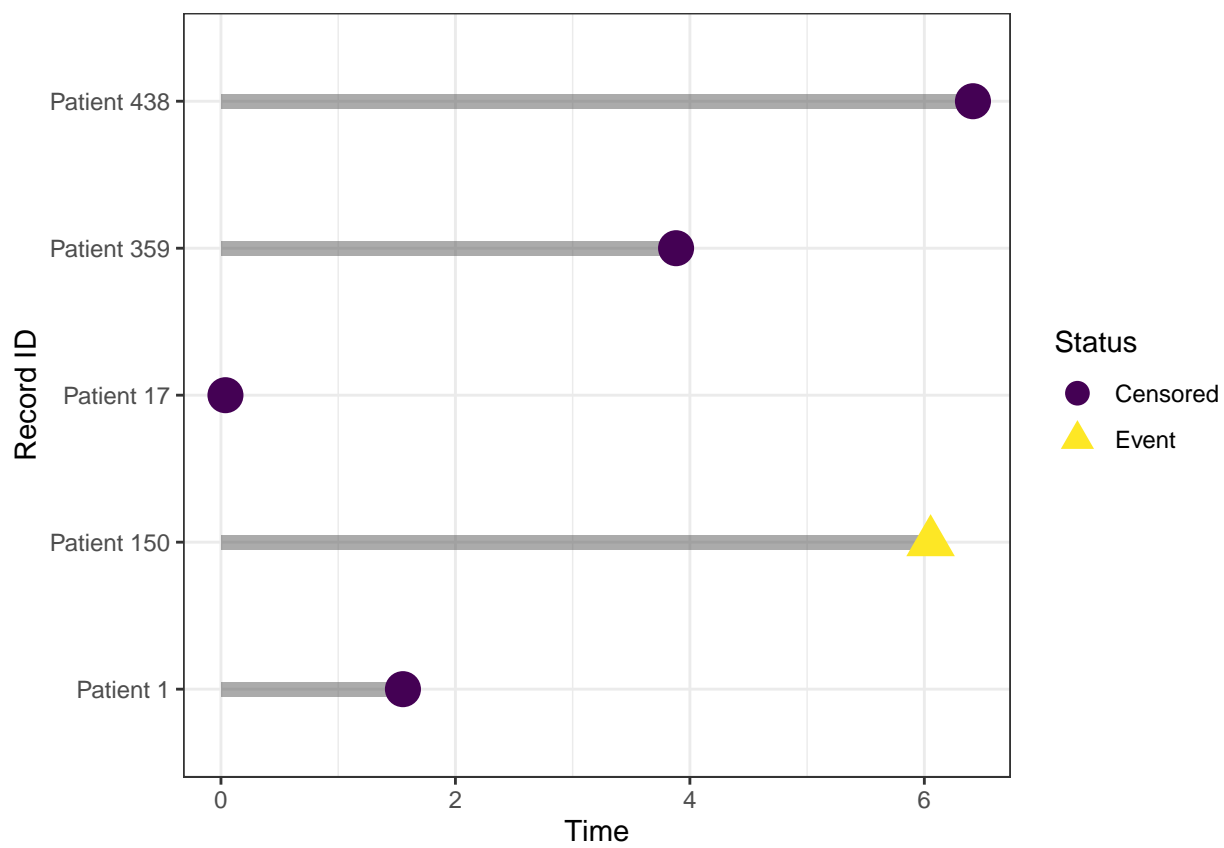


Figure 1: Timeline chart

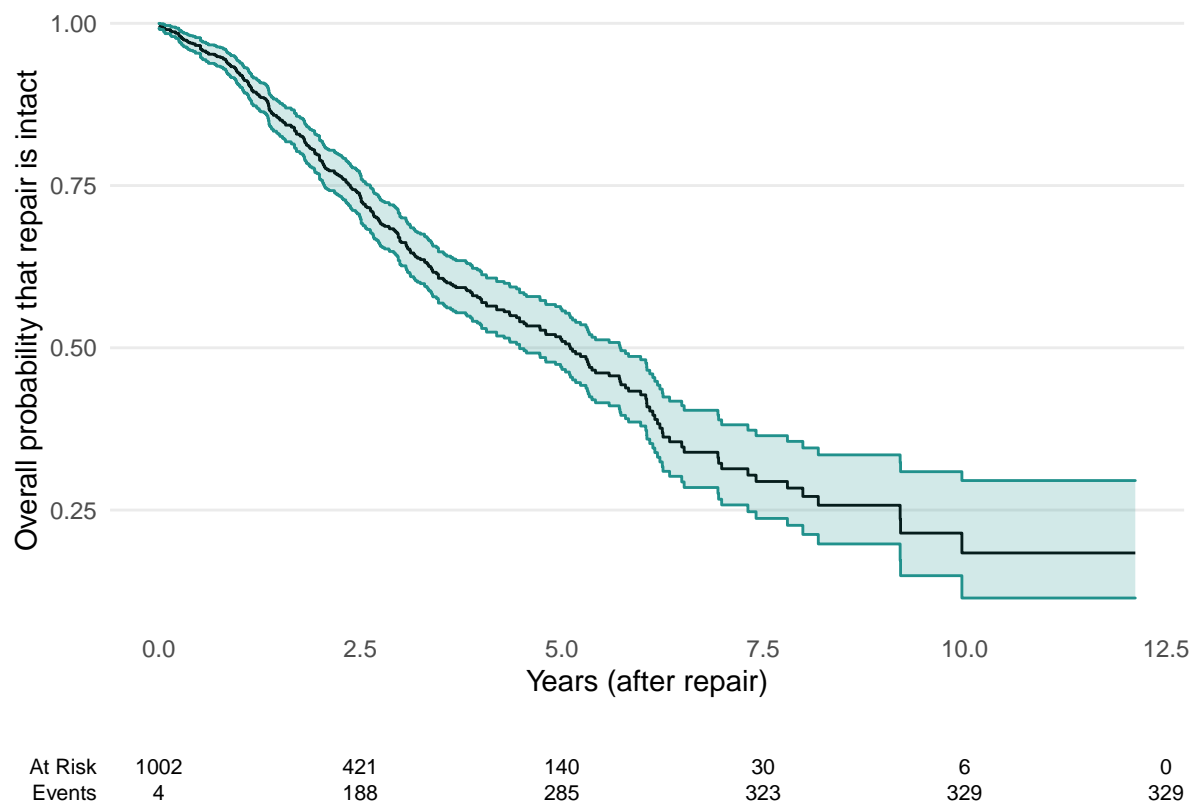


Figure 2: Kaplan-Meier plot

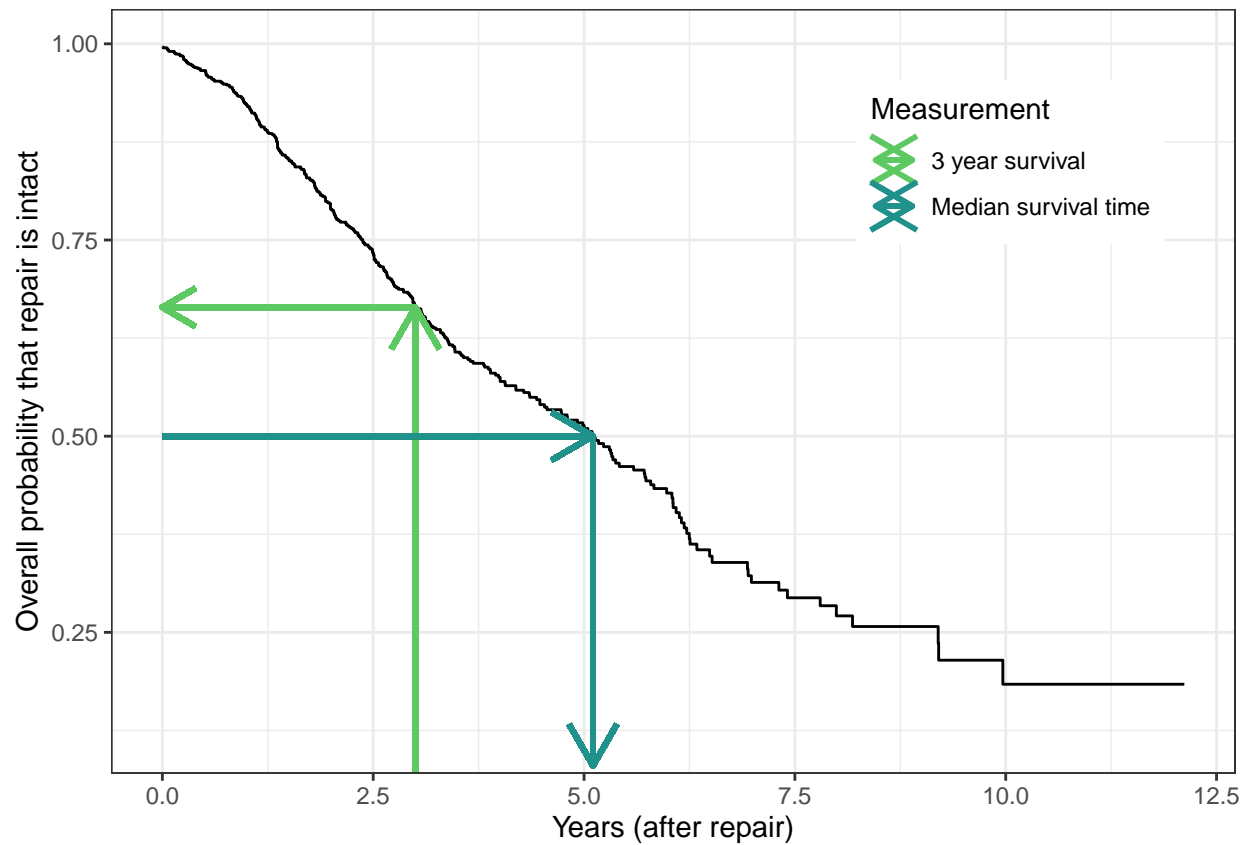
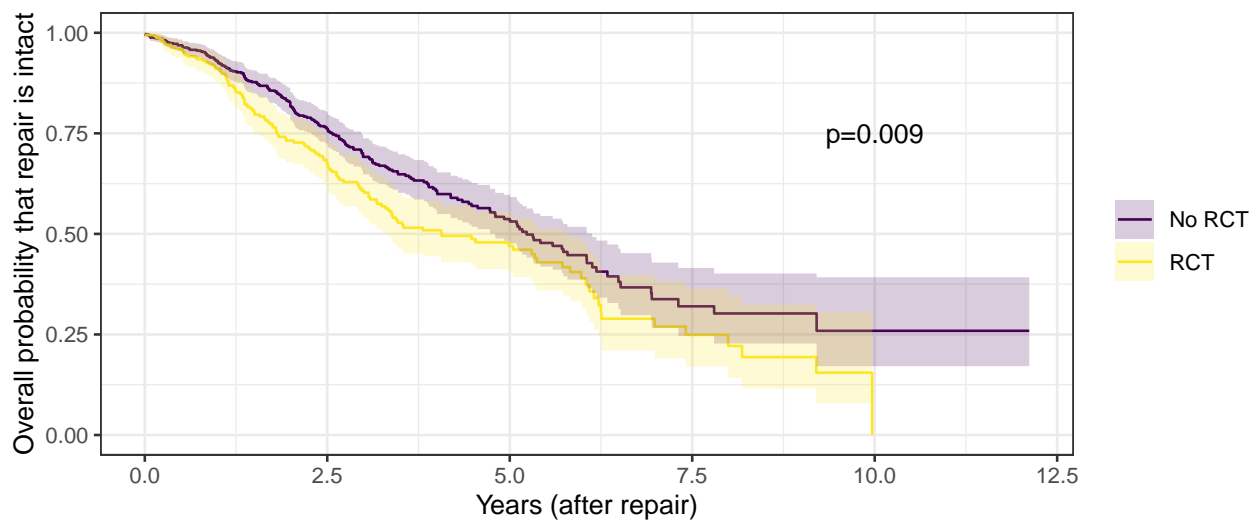
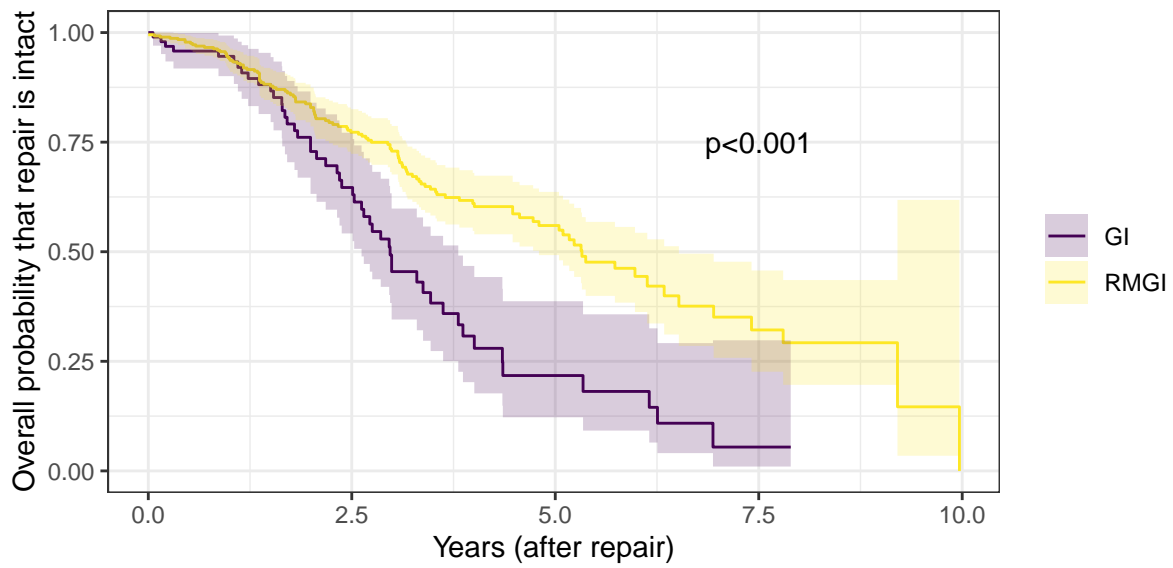


Figure 3: Median survival v. 3-year survival



No RCT						
At Risk	648	283	89	18	6	0
Events	2	110	171	194	196	196
RCT						
At Risk	348	137	51	12	0	0
Events	2	78	113	128	132	132

Figure 4: Comparing RCT groups



GI					
At Risk	114	39	6	1	0
Events	0	25	45	49	49
RMGI					
At Risk	416	174	56	11	0
Events	2	62	98	112	115

Figure 5: Comparing repair materials