Participant ID	Observed time (yrs)	Status (1=death; 0=censored)	Treatment arm (1=intervention, 0=control)
1	1	1	1
2	2.5	1	1
3	3	1	1
4	4	1	1
5	4.5	1	1
6	5	0	1
7	0.5	1	0
8	0.75	1	0
9	1.25	1	0
10	1.5	0	0
11	2	1	0
12	3.5	1	0

(handwritten annotations in margins:)

$var\left(\left(\log(a)\right)\right)/3(Y_0) - \log(Y_1^\beta)$

$\log(D_0 +$

$\log($

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Q4. For the treatment arm, we have the following survival ~~to~~ probability table, where t represents the time interval, c represents censor~~ing~~ed number of patients in that time interval, d represents number of death.; and s represents survival probability at that interval < r represents number of at-risk patients.

Treatment arm:

t	c	d	r	$1-\frac{d}{r}$	s
[0,1)	0	0	6	1	1
[1,2.5)	0	1	6	$1-\frac{1}{6}$	0.830
[2.5,3)	0	1	5	$1-\frac{1}{5}$	0.83×0.8=0.6644
[3,4)	0	1	4	$1-\frac{1}{4}$	0.66×0.75=~~0.4975~~0.50
[4,4.5)	0	1	3	$1-\frac{1}{3}$	0.50×0.67=0.34
[4.5,5)	0	1	2	$1-\frac{1}{2}$	0.34×0.50=0.17

t	c	d	r	$1-\frac{d}{r}$	s
≥5	1	0	1	$1-\frac{0}{1}$	0.17

control arm:

t	c	d	r	$1-\frac{d}{r}$	s
[0,0.5)	0	0	6	1	1
[0.5,0.75)	0	1	6	$1-\frac{1}{6}$	0.83
[0.75,1.25)	0	1	5	$1-\frac{1}{5}$	0.83×0.8=0.66
[1.25,2)	1	1	4	$1-\frac{1}{4}$	0.66×0.75=0.50
[2,3.5)	0	1	2	$1-\frac{1}{2}$	0.5×0.5=0.25
≥3.5	0	1	1	0	~~0.25~~ 0

Q4 continued:

The solid line connected by • is the KM curve for the treatment group.

The dashed line connected by x represents the km curve for control arms.

"+" signs represents censoring