Sem2a

R markdown practice

- Learning objectives:

1. A good understanding about R markdown. How to render `.html` and `.pdf` files.
2. Good grasp of syntax like lists, bullet points, headers, etc.
3. Display tables and graphs.
4. Push file to GitHub.

Make a table and a plot

```
library(MASS)
library(survival)
library(knitr)
dat <- VA
kable(dat)
```

stime	status	treat	age	Karn	diag.time	cell	prior
72	1	1	69	60	7	1	0
411	1	1	64	70	5	1	10
228	1	1	38	60	3	1	0
126	1	1	63	60	9	1	10
118	1	1	65	70	11	1	10
10	1	1	49	20	5	1	0
82	1	1	69	40	10	1	10
110	1	1	68	80	29	1	0
314	1	1	43	50	18	1	0
100	0	1	70	70	6	1	0
42	1	1	81	60	4	1	0
8	1	1	63	40	58	1	10
144	1	1	63	30	4	1	0
25	0	1	52	80	9	1	10
11	1	1	48	70	11	1	10
30	1	1	61	60	3	2	0
384	1	1	42	60	9	2	0
4	1	1	35	40	2	2	0
54	1	1	63	80	4	2	10
13	1	1	56	60	4	2	0
123	0	1	55	40	3	2	0
97	0	1	67	60	5	2	0
153	1	1	63	60	14	2	10
59	1	1	65	30	2	2	0
117	1	1	46	80	3	2	0

stime	status	treat	age	Karn	diag.time	cell	prior
16	1	1	53	30	4	2	10
151	1	1	69	50	12	2	0
22	1	1	68	60	4	2	0
56	1	1	43	80	12	2	10
21	1	1	55	40	2	2	10
18	1	1	42	20	15	2	0
139	1	1	64	80	2	2	0
20	1	1	65	30	5	2	0
31	1	1	65	75	3	2	0
52	1	1	55	70	2	2	0
287	1	1	66	60	25	2	10
18	1	1	60	30	4	2	0
51	1	1	67	60	1	2	0
122	1	1	53	80	28	2	0
27	1	1	62	60	8	2	0
54	1	1	67	70	1	2	0
7	1	1	72	50	7	2	0
63	1	1	48	50	11	2	0
392	1	1	68	40	4	2	0
10	1	1	67	40	23	2	10
8	1	1	61	20	19	3	10
92	1	1	60	70	10	3	0
35	1	1	62	40	6	3	0
117	1	1	38	80	2	3	0
132	1	1	50	80	5	3	0
12	1	1	63	50	4	3	10
162	1	1	64	80	5	3	0
3	1	1	43	30	3	3	0
95	1	1	34	80	4	3	0
177	1	1	66	50	16	4	10
162	1	1	62	80	5	4	0
216	1	1	52	50	15	4	0
553	1	1	47	70	2	4	0
278	1	1	63	60	12	4	0
12	1	1	68	40	12	4	10
260	1	1	45	80	5	4	0
200	1	1	41	80	12	4	10
156	1	1	66	70	2	4	0
182	0	1	62	90	2	4	0
143	1	1	60	90	8	4	0
105	1	1	66	80	11	4	0
103	1	1	38	80	5	4	0
250	1	1	53	70	8	4	10
100	1	1	37	60	13	4	10
999	1	2	54	90	12	1	10
112	1	2	60	80	6	1	0
87	0	2	48	80	3	1	0
231	0	2	52	50	8	1	10
242	1	2	70	50	1	1	0
991	1	2	50	70	7	1	10
111	1	2	62	70	3	1	0
1	1	2	65	20	21	1	10

stime	status	treat	age	Karn	diag.time	cell	prior
587	1	2	58	60	3	1	0
389	1	2	62	90	2	1	0
33	1	2	64	30	6	1	0
25	1	2	63	20	36	1	0
357	1	2	58	70	13	1	0
467	1	2	64	90	2	1	0
201	1	2	52	80	28	1	10
1	1	2	35	50	7	1	0
30	1	2	63	70	11	1	0
44	1	2	70	60	13	1	10
283	1	2	51	90	2	1	0
15	1	2	40	50	13	1	10
25	1	2	69	30	2	2	0
103	0	2	36	70	22	2	10
21	1	2	71	20	4	2	0
13	1	2	62	30	2	2	0
87	1	2	60	60	2	2	0
2	1	2	44	40	36	2	10
20	1	2	54	30	9	2	10
7	1	2	66	20	11	2	0
24	1	2	49	60	8	2	0
99	1	2	72	70	3	2	0
8	1	2	68	80	2	2	0
99	1	2	62	85	4	2	0
61	1	2	71	70	2	2	0
25	1	2	70	70	2	2	0
95	1	2	61	70	1	2	0
80	1	2	71	50	17	2	0
51	1	2	59	30	87	2	10
29	1	2	67	40	8	2	0
24	1	2	60	40	2	3	0
18	1	2	69	40	5	3	10
83	0	2	57	99	3	3	0
31	1	2	39	80	3	3	0
51	1	2	62	60	5	3	0
90	1	2	50	60	22	3	10
52	1	2	43	60	3	3	0
73	1	2	70	60	3	3	0
8	1	2	66	50	5	3	0
36	1	2	61	70	8	3	0
48	1	2	81	10	4	3	0
7	1	2	58	40	4	3	0
140	1	2	63	70	3	3	0
186	1	2	60	90	3	3	0
84	1	2	62	80	4	3	10
19	1	2	42	50	10	3	0
45	1	2	69	40	3	3	0
80	1	2	63	40	4	3	0
52	1	2	45	60	4	4	0
164	1	2	68	70	15	4	10
19	1	2	39	30	4	4	10
53	1	2	66	60	12	4	0

stime	status	treat	age	Karn	diag.time	cell	prior
15	1	2	63	30	5	4	0
43	1	2	49	60	11	4	10
340	1	2	64	80	10	4	10
133	1	2	65	75	1	4	0
111	1	2	64	60	5	4	0
231	1	2	67	70	18	4	10
378	1	2	65	80	4	4	0
49	1	2	37	30	3	4	0

```
plot(VA)
```