

**Assignment 13: Due Dec 24, 2017**

\* Please name your homework file as 'Assignment13\_Your name.pdf' in pdf format and send it at [biostat\\_sjtu@163.com](mailto:biostat_sjtu@163.com) , thanks for your cooperation.

Researchers randomized 44 patients with chronic active hepatitis (慢性肝炎) were to receive prednisolone(脱氢皮质醇, 一种糖皮质激素) or no treatment (control). Try to calculate the survival functions and make the survival curves of groups in treatment and control (BMJ 1998;317:468-469).

Table I. Survival times (months) of 44 patients with chronic active hepatitis randomised to receive prednisolone or no treatment.

Prednisolone (n=22)	Control (n=22)
2	2
6	3
12	4
54	7
56 *	10
68	22
89	28
96	29
96	32
125*	37
128*	40
131*	41
140*	54
141*	61
143	63
145*	71
146	127*
148*	140*
162*	146*
168	158*
173*	167*
181*	182*

\*=censored (终检/截尾)