

Assignment 14: Solutions

1. (a)

Therapy	Time	Death/Transplant	$n(t)$	$\hat{S}(T)$
	...			
Penicillamine	799	Yes	139	.873
Penicillamine	824	Yes	138	.867
Penicillamine	839	No	137	.867
Penicillamine	877	Yes	136	.860
Penicillamine	901	Yes	135	.854
Penicillamine	904	Yes	134	.848
	...			

(b) (i) Approximately 65% for both.

(ii) About 7 years for the penicillamine group and 8.5 years for the placebo group.

(c) Log-rank test.

(d) The study did not provide any evidence that penicillamine reduces the risk of liver failure or mortality.