4.5   (a)

Time in Days	Estimated Survival	Standard Error
0–40	1.0000	0.0000
40–45	0.9828	0.0171
45–106	0.9655	0.0240
106–121	0.9480	0.0293
121–229	0.9297	0.0339
229–344	0.9115	0.0378
344–864	0.8912	0.0421
864–929	0.8672	0.0473
929–943	0.8383	0.0539
943–1016	0.8093	0.0592
1,016–1,196	0.7782	0.0646
1,196–2,171	0.7458	0.0696
2,171–2,276	0.6884	0.0846
2,276–2,650	0.6258	0.0974
>2,650	0.5364	0.1176

(b) $(0.8087, 0.9737)$

(c) $(0.7731, 0.9497)$

(d) $(0.7960, 0.9497)$

4.7

Time	Y	Left Truncated $S(t \mid$ Alive at 60$)$	Left Truncated $S(t \mid$ Alive at 70$)$	Y	No Truncation $S(t \mid$ Alive at 60$)$	No Truncation $S(t \mid$ Alive at 70$)$
58	2	1.0000	1.0000	30	1.0000	1.0000
59	3	1.0000	1.0000	30	1.0000	1.0000
60	5	0.8000	1.0000	30	0.9667	1.0000
61	6	0.8000	1.0000	30	0.9667	1.0000
62	9	0.7111	1.0000	29	0.9333	1.0000
63	10	0.6400	1.0000	28	0.9000	1.0000
64	10	0.6400	1.0000	28	0.9000	1.0000
65	10	0.5120	0.8000	27	0.8333	0.9259
66	10	0.4608	0.7200	25	0.8000	0.8889
67	12	0.4608	0.7200	25	0.8000	0.8889
68	13	0.3899	0.6092	24	0.7333	0.8148
69	14	0.3342	0.5222	22	0.6667	0.7407
70	13	0.2828	0.4419	18	0.5926	0.6584
71	12	0.2357	0.3682	16	0.5185	0.5761
72	12	0.1964	0.3068	14	0.4444	0.4938
73	11	0.1785	0.2790	11	0.4040	0.4489
74	9	0.1587	0.2480	9	0.3591	0.3991
76	7	0.1360	0.2125	7	0.3078	0.3420
77	5	0.1088	0.1700	5	0.2463	0.2736
78	4	0.1088	0.1700	4	0.2463	0.2736
79	3	0.1088	0.1700	3	0.2463	0.2736
80	1	0.1088	0.1700	1	0.2463	0.2736