

QUESTIONS

1. Consider the survival data given in the following table. Compute and plot the estimated survivorship function, the probability density function, and the hazard function.

Year of Follow-up	Number Alive at Beginning of the Interval	Number Dying in the interval
0 – 1	1100	240
1 – 2	860	180
2 – 3	680	184
3 – 4	496	138
4 – 5	358	118
5 – 6	240	60
6 – 7	180	52
7 – 8	128	44
8 – 9	84	32
≥ 9	52	28