

268. You are given the following ages at time of death for 10 individuals:

25 30 35 35 37 39 45 47 49 55

Using a uniform kernel with bandwidth $b = 10$, determine the kernel density estimate of the probability of survival to age 40.

(A) 0.377

(B) 0.400

(C) 0.417

(D) 0.439

(E) 0.485