

147. From a population having distribution function F , you are given the following sample:

2.0, 3.3, 3.3, 4.0, 4.0, 4.7, 4.7, 4.7

Calculate the kernel density estimate of $F(4)$, using the uniform kernel with bandwidth 1.4.

- (A) 0.31
- (B) 0.41
- (C) 0.50
- (D) 0.53
- (E) 0.63