

56. You are given the following information about a group of policies:

Claim Payment	Policy Limit
5	50
15	50
60	100
100	100
500	500
500	1000

Determine the likelihood function.

- (A) $f(50)f(50)f(100)f(100)f(500)f(1000)$
- (B) $f(50)f(50)f(100)f(100)f(500)f(1000) / [1-F(1000)]$
- (C) $f(5)f(15)f(60)f(100)f(500)f(500)$
- (D) $f(5)f(15)f(60)f(100)f(500)f(500) / [1-F(1000)]$
- (E) $f(5)f(15)f(60) [1-F(100)] [1-F(500)]f(500)$