

35. You are given the following information about a credibility model:

First Observation	Unconditional Probability	Bayesian Estimate of Second Observation
1	$1/3$	1.50
2	$1/3$	1.50
3	$1/3$	3.00

Determine the Bühlmann credibility estimate of the second observation, given that the first observation is 1.

- (A) 0.75
- (B) 1.00
- (C) 1.25
- (D) 1.50
- (E) 1.75