BONUS Week 11 Homework

① This is a preview of the published version of the quiz

Started: Jul 2 at 7:54am

Quiz Instructions

Question 1		1 pts
(Lesson 8.8: Method of Moments.) BONUS: Suppose that we observe $X_1=5$, $X_2=9$, and $X_3=1$. What's the method of moments estimate of $E[X^2]$? $ \text{Mom estimate } C \text{ for } \text{ $$\pm$ [\times^k] is $$M_k$ $$\equiv \frac{1}{n} \text{ $$\geq$ $\frac{n}{c}$ $} \text{ $$\times$ $$} \text{ $$is } \text{ $$K$} \text{ $$}$		
○ a. 5	in this case:	
○ b. 25	MOM estinator for E[X2] is	
c. 35.7	$M_2 = \frac{1}{3} \left[5^2 + 9^2 + 1^2 \right]$	
○ d. 1/5	= 1/3 [107]	
○ e. 1/25	= 35.66	

Not saved

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