

Quiz Problem 5
Due Mar. 4th, 11:59 pm EST

Problem.

Let $X_n \stackrel{iid}{\sim} f_\theta$ where

$$f_\theta(x) = \frac{\theta}{(1+x)^{\theta+1}} \text{ for } x > 0.$$

What is the Fisher information $I_N(\theta)$?

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