

form is inherently **non-asymptotic.**" Course Feedback In the solution to the last question. **Technical Problems** "Therefore, this test is not asymptotic, because we do not know the distribution of the test statistic." **Entrance Survey:Entrance** Related to: Unit 4 Hypothesis testing: Homework 8 / 1. Chi-squared Goodness of Fit Testing for a Gaussian Distribution This post is visible to everyone. 2 responses 1. Entrance Survey Add a Response Introductions SaeyoungRho (Staff) + Please introduce yourself a day ago Asymptotic means it approaches to something as n goes to infinity. If it is possible to have a large Micromasters number of samples, we can use the asymptotic theory in statistics. However, when we do not have enough observations, we cannot rely on asymptotic features. Remember that CLT, LLN show how the Micromasters connection statistic behaves asymptotically. In the last part, "Therefore, this test is not asymptotic, because we do not know the distribution of the test statistic." <- this means, we do not know the exact distribution Midterm Exam 1:Midterm Exam when n is small. Now I see what triggered your confusion. I will update this solution, and I believe you have a good understanding of the asymptotic test. Thank you for the clarification, Saeyoung. What asymptotic means is clear. The confusion I have is here: The χ^2 test in this _____ scenario is valid only when n goes to infinity. But we say that the test is not asymptotic. posted about 22 hours ago by Nimnath (Community TA) Add a comment mrBB (Community TA) + about 19 hours ago ••• It seems clear to me the sentence you quote from the last exercise either contains a typo ("not" should be "only", just like in the sentence above) or shouldn't be there at all.

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General

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