Advanced Theory

Survival Analysis 2005

Problem for March 1, 2005

$$\chi^2_{MH} = (\sum a_i - \sum \hat{A}_i)^2 / \sum V_i$$

$$\chi^2_0 = (\sum a_i - \sum \hat{A}_i)^2 / \sum \hat{A}_i + (\sum c_i - \sum \hat{C}_i)^2 / \sum \hat{C}_i$$

Prove $\chi^2_{MH} > \chi^2_0$.