

Propotion CI when sample $p(p-1) = 0$

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How do I handle a proportion CI when my sample $p=1$? It is an accuracy test. The equipment is very accurate. Time constraints are a driver in test design. At lower sample sizes often the accuracy will be 100%. I don't infer that the population will be 100%, but how is CI calculated when $p(1-p)=0$?

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