

**ZMATH 2014c.00853**

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**An exercise to introduce power.**

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Summary: In introductory statistics courses, the concept of power is usually presented in the context of testing hypotheses about the population mean. We instead propose an exercise that uses a binomial probability table to introduce the idea of power in the context of testing a population proportion.

*Classification:* K75 M65 K65 D85

*Keywords:* hypothesis testing; binomial distribution; population proportion; type I error; type II error; sample size

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