

As an example of a Type I Error, consider the case of a series of experiments designed to determine the "popping efficiency" (defined as the percent of kernels popped) of a new brand of popcorn developed by James Wilson. James had growers producing his popcorn in different parts of the country, and he was interested in the "popping efficiency" of the corn from different growers. This, James's declaration that growing location is a significant variable was a Type Error.