

Stat 10, Section 2A
Thursday, Oct 1st, 2009

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1 Some random numbers

07649 50734 61560 57261 21491
85526 03970 42004 24326 59021
86950 84871 57415 18237 93254
09256 69690 50602 60507 77222
83631 47171 97217 63642 82877

2 Review problems

We reviewed questions 1 & 7 from Quiz 2, Attempt 1. In Q1, we noted that no one can have less than zero drinks, which suggested the distribution is likely right-skewed. In Q7, note that “at most 2” means 0, 1, or 2.

We also examined a slight variation on problem 33 in chapter 11: Dice game. You are playing a children’s game in which the number of spaces you get to move is determined by rolling the die. You must land on exactly the final space in order to win. If you are 14 spaces away, how many turns might it take you to win? (Simulate.)

3 Simulation handout

We examined what effect the following policy would have on population growth: couples may have children until their first girl, and then they are not permitted to have any additional children.

What we really want to answer is, will this policy permit the population to grow uncontrollably? We used simulation to answer this question.