

1. Mostly ok, though a few miscopies about the proportions in the regions.

They should add up to 1 (hint!)

If you didn't get this, check the answers

Math 461

Hw 4

Recap

2. In problems like this, never assume independence unless specified. In any case, independence is inconsistent with the given data. If the two components are made by the same person, or in the same lab, it's reasonable to assume that they're not independent.

3. Some of you made this into a harder problem by formalizing the linear algebra. Always check your answer. Fractions are ok, decimals not necessary for me.

Most of you came up with a story in 3b. Common topics were studying for exams, working in study groups, sports situations, dating, but there were ones involving crimes, war and, yes, the bar scene.

The two semifinalists began

"Harold and Bob are climbing a peach tree trying to get at the succulent fruit at the top of the tree (the ones - The grand are not ripe yet..." X. Li

"Unfortunately, a number of soybean aphids wandered into the wrong university lab and have become carriers for a new pathogen that makes an afflicted human blink at twice the normal rate..." A. Schmitz

I will read the winner, by A. Silver, in class.