

Homework - Biostatistics **YoungDucks**

Academic Year 2012/2013

1 Data about the group

Group members : April Duck, May Duck, June Duck, Huey Duck, Dewey Duck, Louie Duck

Due date : 15th of October 2012

Sources : Lecture Notes

Template to use : Probability.doc

2 Assignment

A genetically modified mouse does not survive the first month of life with probability 0.3 .

- We planned an experiment that included 7 mice. What is the probability that after a month not more than a mouse will survive?
- What is the expected number of mice still alive after the first month?
- Is the animal represented in the picture a genetically modified mouse?