Biology 4605 / 7220 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

In Class Worksheet #3 29 November 2010

For each example, define response and explanatory, assign symbols, and write a model (GLM or GzLM). Show the source and df table for each analysis.

1. Does survival of tomato seedlings

(planted 5 per pot) depend on type

of fertilizer (4 types) and light regime

(3 regimes) ?

2. Does the number of children per family

differ between urban and rural areas,

controlling for differences in birth rates

among Canadian provinces?