

**EVE 290**  
**Introduction to Environmental Engineering**

**HW #10 (B)**

In 2017, an epidemiologic study was conducted to determine whether consumption of GMO foods causes internal organ damage. The food intake histories of 4500 people exhibiting no internal organ damage were compared to those of 200 people with mild to moderate internal organ damage. Of those with healthy internal organs, 58 reported regular consumption of GMO products. Of those with mild to moderate internal organ damage, 8 reported regular consumption of GMO products.

- (a) What type of study design is described? Why?
- (b) Set up the appropriate 2 x 2 table.
- (c) Calculate and interpret the measures of frequency and/or association appropriate for this type of study.