

Unit 11 – Chi Square Tests
Homework

Due Monday December 4, 2017

Last submission date for credit: Monday December 18, 2017

1. This exercise gives you practice doing a Fisher Exact Test. See course notes Unit 11, page 18.

Source: Fisher LD and Van Belle G. Biostatistics: A Methodology for the Health Sciences. New York: Wiley, 1993. Chapter 6 problem 5, page 232.

Smith, Delgado and Rutledge (1976) report data on ovarian carcinoma. Individuals had different numbers of courses of chemotherapy. The 5-year survival data for those with 1-4 and 10 or more courses of chemotherapy are:

Courses	Five Year Status	
	Dead	Alive
1-4	21	2
≥ 10	2	8

Using Fisher's Exact test, is there a statistically significant association ($p < .05$) in this table?