

Math 263
Quiz 12 Spring 2014

Name _____

The sound quality of four recording methods, A, B, C, D, are compared using ANOVA, with the results in the table.

	Sum of squares	Degrees freedom	Mean Squares	<i>F</i>
Between groups	68			
Within groups		18		
Total	162			

- (a) Fill in the missing entries in the table.
- (b) What are H_0 and H_a ?

- (c) What is the distribution of the statistic?

- (d) What is its P -value?

- (e) What is the interpretation of the P -value in terms of recordings?

- (f) What is your conclusion about the recording methods?