Name: _____

Review Problem

Fatty acids present in fish oil may be useful for treating some psychiatric disorders. An article reported September 3, 1998 at the Yahoo Health website described a randomized experiment done by a Harvard Medical School researcher in which 14 bipolar patients received fish oil daily, while 16 other patients received a placebo daily. After four months, 9 of the 14 patients who received fish oil had responded favorably, but only 3 or the 16 placebo patients had done so.

a. Calculate and interpret a 90% confidence interval for the difference between the proportions showing favorable response in the two groups.

b. Comment on the accuracy of the interval.

c. If the medical school researcher used a double-blind procedure, explain how the experiment would be set up.

My signature verifies that I used my book, notes, past quizzes or tests to help in my completion of this review problem. I did not discuss or receive help from anyone.

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