Monday, April 8, 2019

- Warm-up
 - A U.S. magazine, Consumer Reports, carried out a survey of the calorie content of a number of different brands of hotdog. There were two types of hotdog: beef and poultry. Is there evidence that the calorie content of poultry hot dogs is lower than the calorie content of beef? The results below are the calorie content of the different brands of beef and poultry hotdogs.
 - Beef hotdogs: 186, 181, 176, 149, 184, 190, 158, 139, 175, 148, 152, 111, 141, 153, 190, 157, 131
 - Poultry hotdogs: 129, 132, 102, 106, 94, 102, 87, 99, 170, 113, 135, 142, 86, 143, 152, 146, 144

MC Practice



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- Beef hotdogs: 186, 181, 176, 149, 184, 190, 158, 139, 175, 148, 152, 111, 141, 153, 190, 157, 131
- Poultry hotdogs: 129, 132, 102, 106, 94, 102, 87, 99, 170, 113, 135, 142, 86, 143, 152, 146, 144

Ho Mb = Mp + 131.648 = 4.5 2 sample t-test Ha. Mb > Mp D-value = 0.000041

Independent groß Independent samples-

A Some Rundon Sade

assu randon 17410% of all poulong hot dog brands beg holdog brands

Symmetric - new y fairly symmetric=

Due to a produce of 0.000041 which is lower than and of

0.05 we reject the null There is statistical evidence that

the caloric content of poultry hat

doop is lower than beef.



Homework for the chapter

Due Wednesday.

Study for the test