1. What structure did your final decision tree classifier have?
   a. The tree has 4 leaves, one of which predicts crumpets. The variables used are breakfast tea, pepperoni as pizza topping, and dinner papaya drink
2. What was the if-else tree you got? (Copy it into your write-up for completeness.)
   a. if entry[70] <= 0:

   return 0

   else:

   if entry[89] <= 0:

   if entry[109] <= 0:

   return 1

   else:

   return 0

   else:

   return 0

3. Run the original training data back through your classifier.What was the accuracy of your resulting classifier, on the training data?
   a. The classifier got 248 wrong out of 4000, or 6.2%
4. What else did you learn along the way here?
   a. I learned that when calculating the bha coefficient, regularization is desperately needed to offset the possibility of extremely small nodes with 100% purity.
5. What can you conclude?
   a. I can conclude that people who like tea for breakfast are most likely to prefer crumpets over other cookies by a large amount, eliminating almost ⅞ of the training data with a single branch.