

**University of Central Florida**  
**Department of Computer Science**  
**CDA 5106: Fall 2023**  
**Machine Problem 2: Branch Prediction**

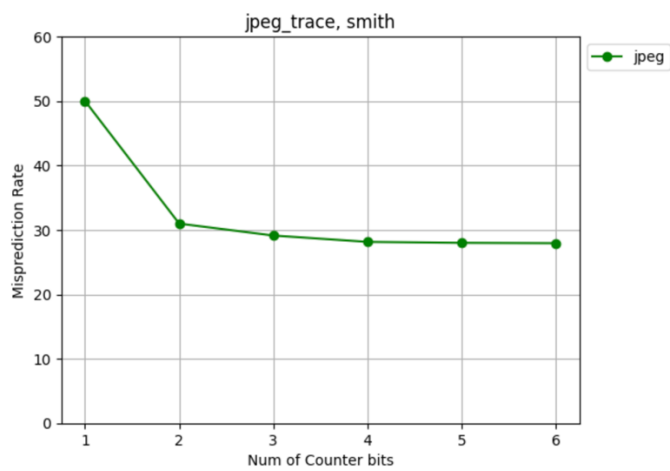
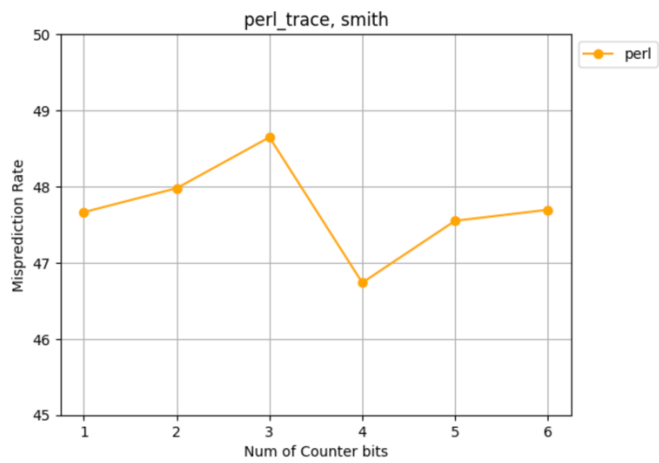
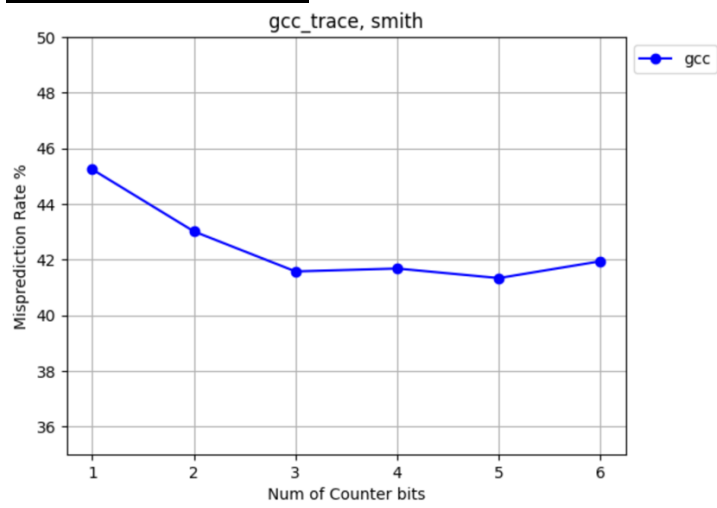
**by**

**Manikanta Varaganti**

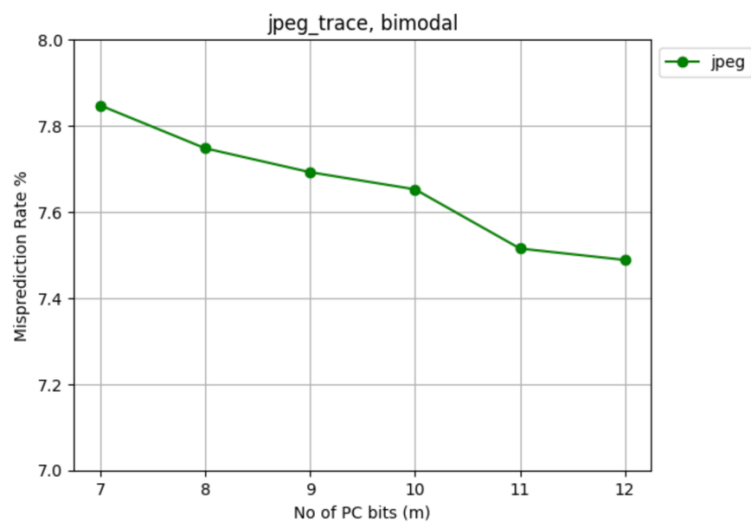
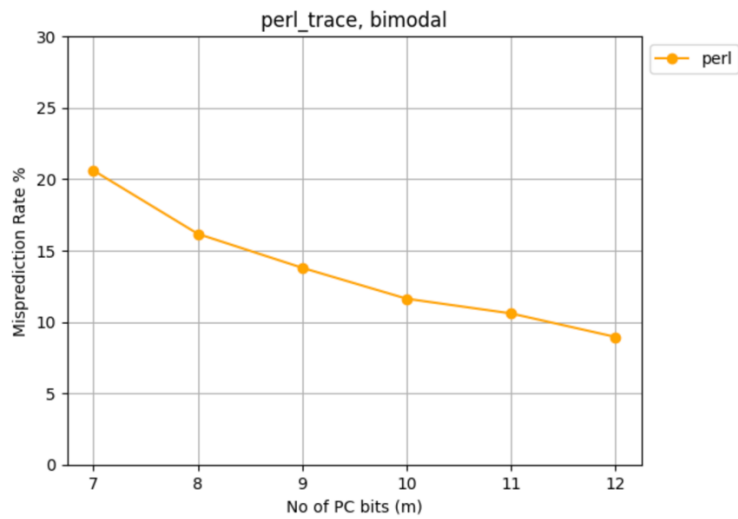
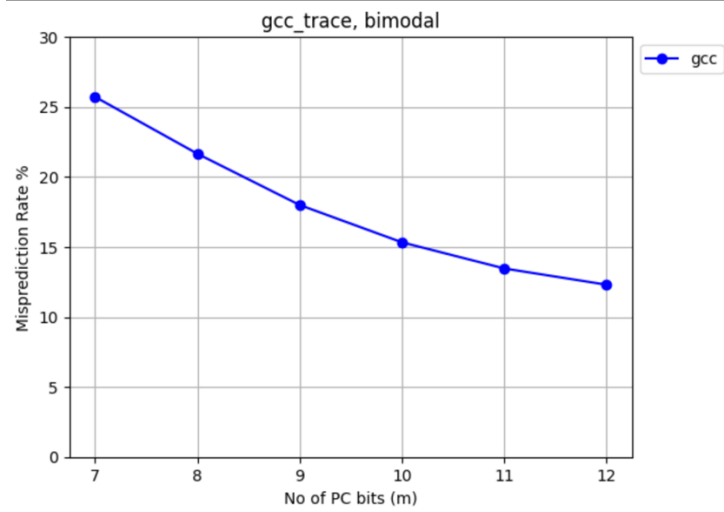
Honor Pledge: "I have neither given nor received unauthorized aid on this test or assignment."

Student's electronic signature:      Manikanta Varaganti  
(sign by typing your name)

## Smith N-Bit Predictor



## Bimodal Branch Predictor



## GShare Branch Predictor

