

# Machine Problem 2: Branch Prediction

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November 12, 2021

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

Student’s electronic signature: Kobee Raveendran

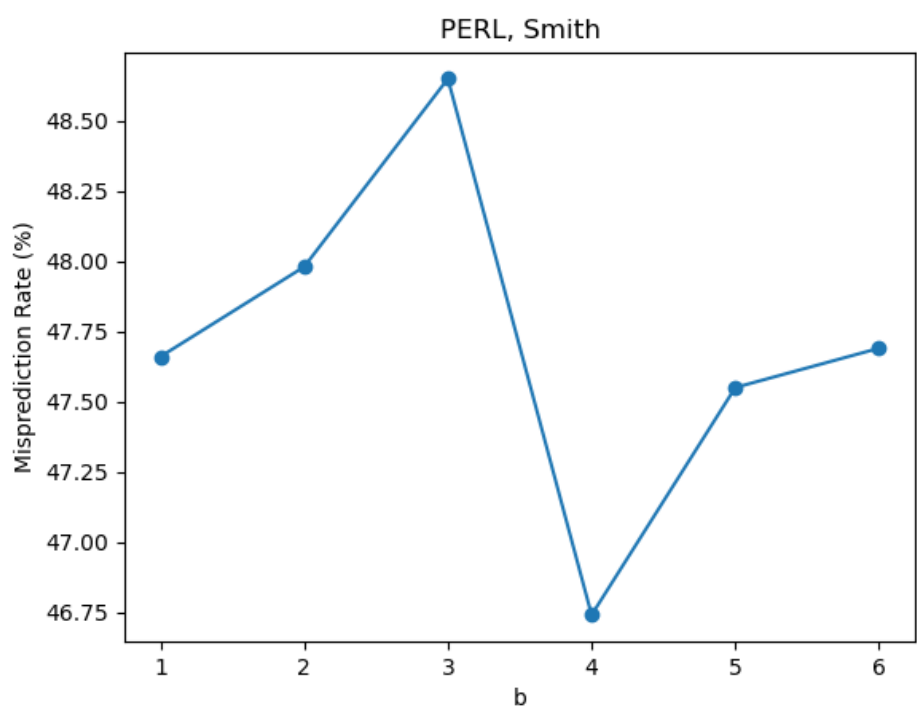
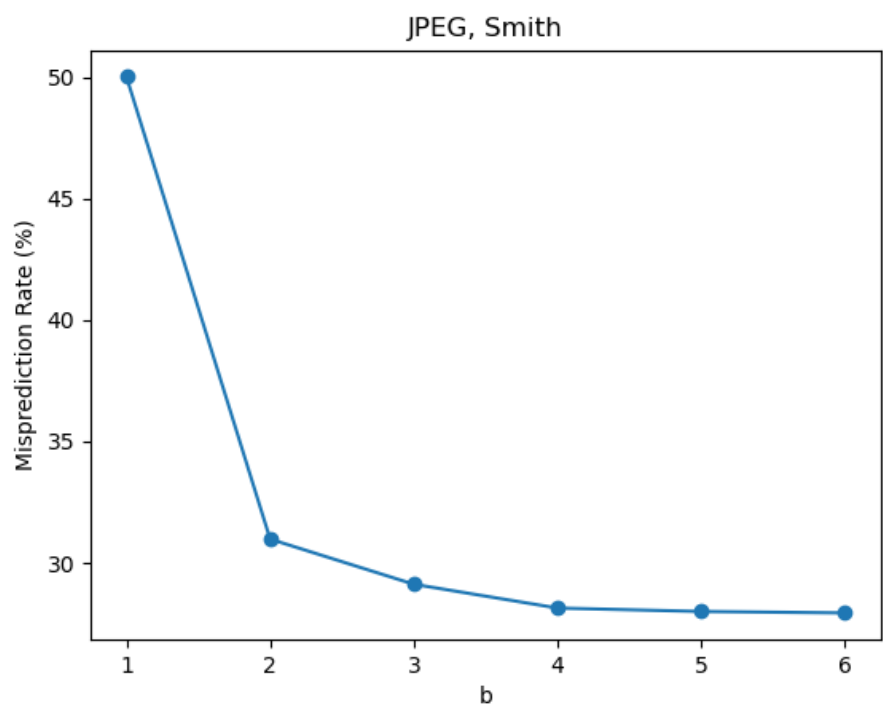
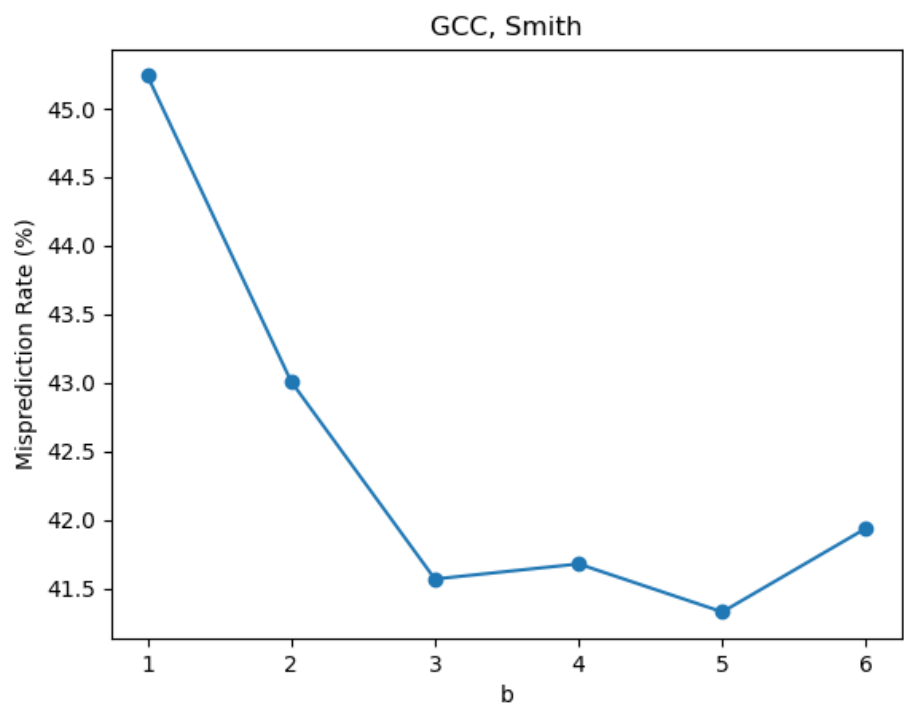
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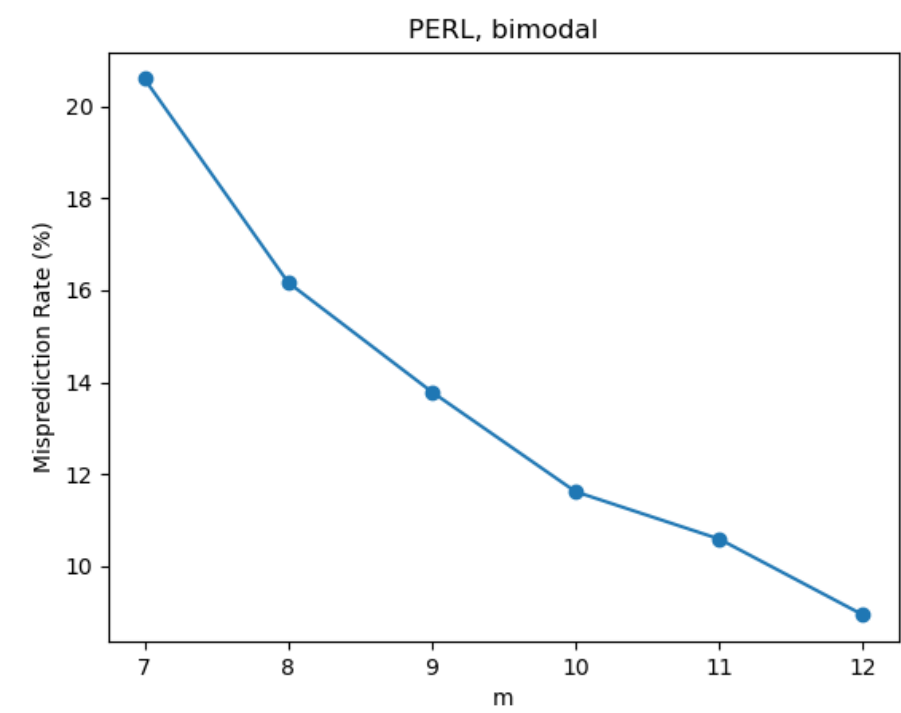
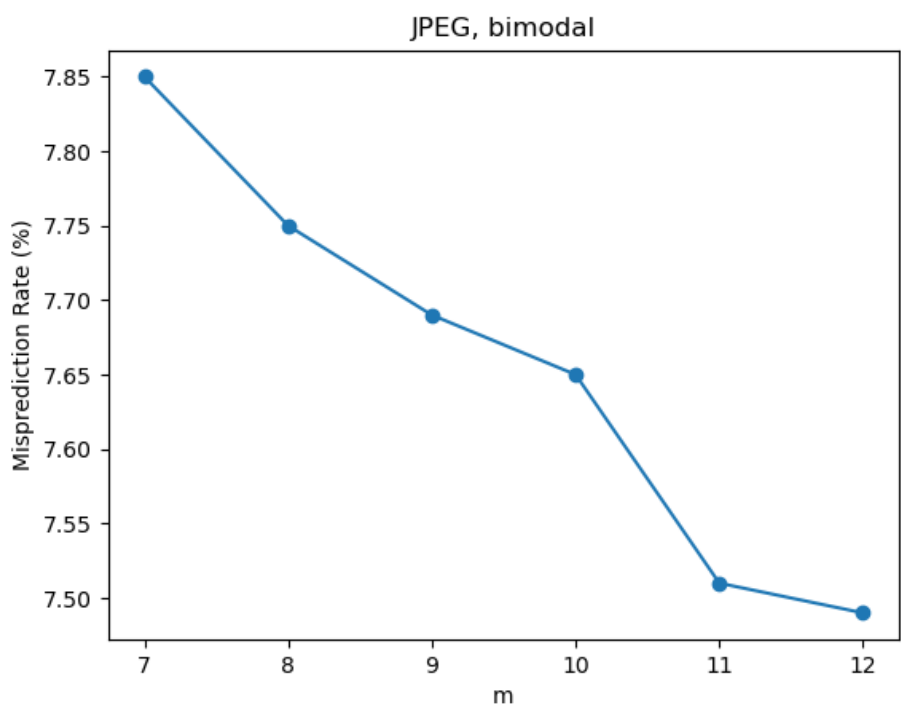
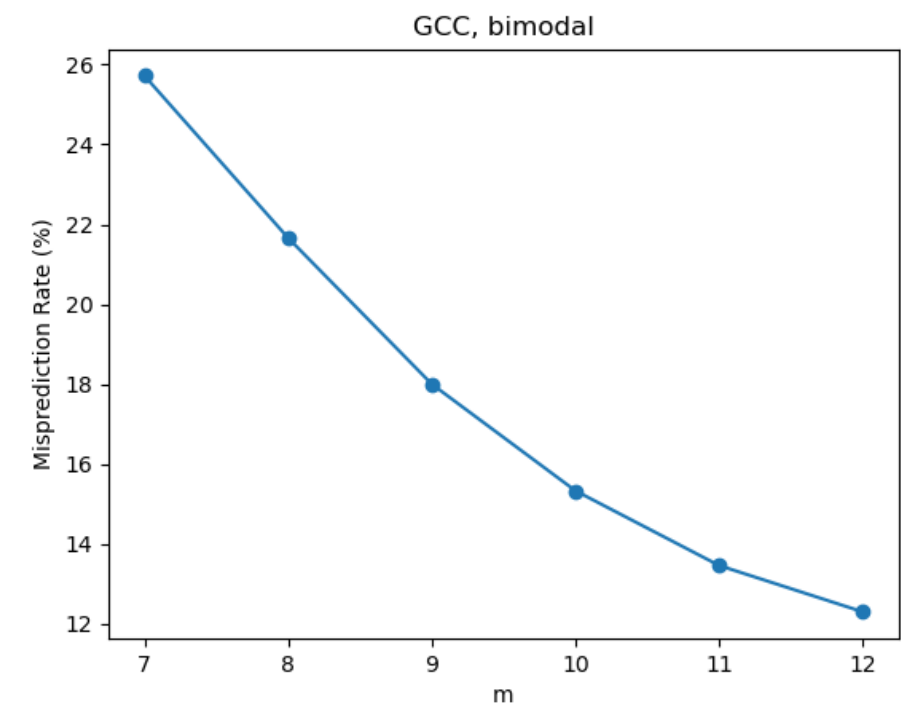
CDA5106: Advanced Computer Architecture

Fall 2021

# 1 N-bit Smith Counter



## 2 Bimodal Predictor



3 Gshare Predictor

