

University of Central Florida
Department of Computer Science
CDA 5106: Spring 2022
Machine Problem 2: Branch Prediction

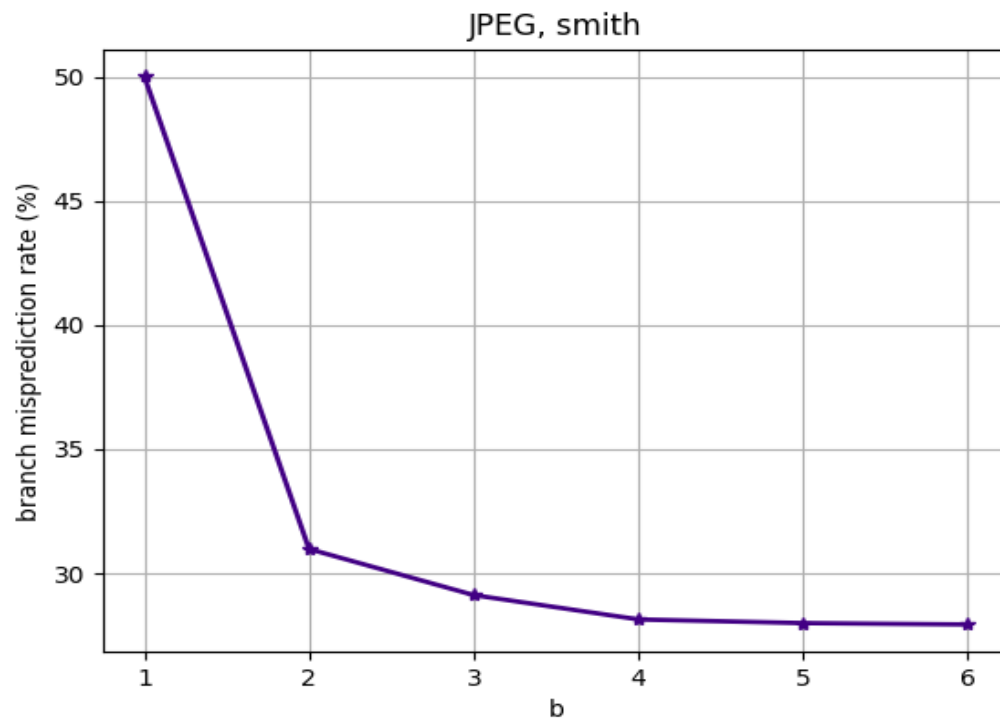
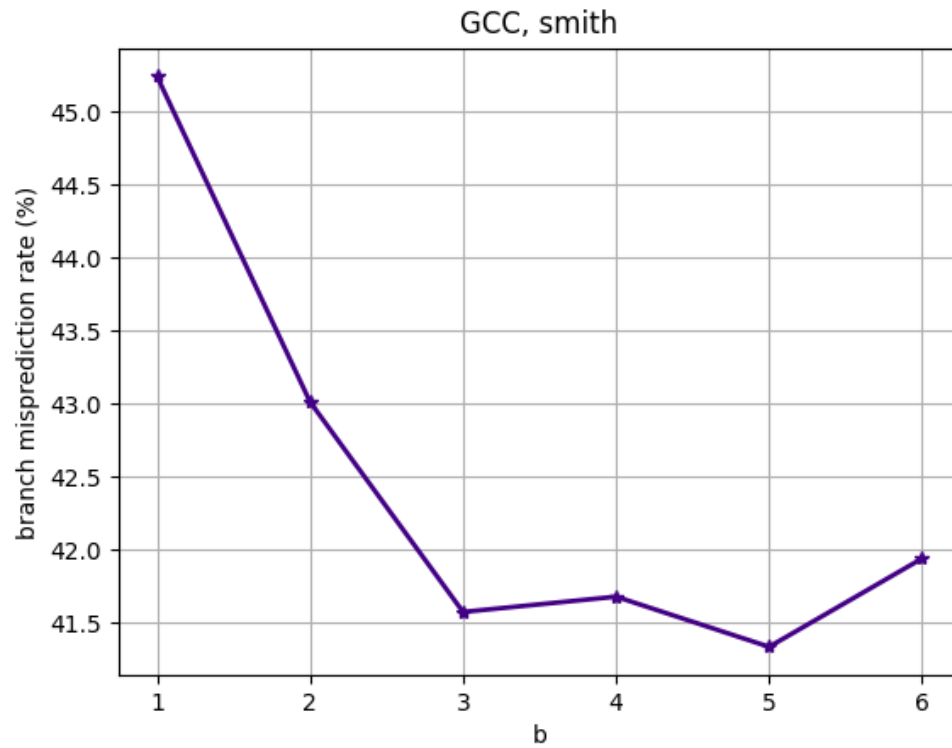
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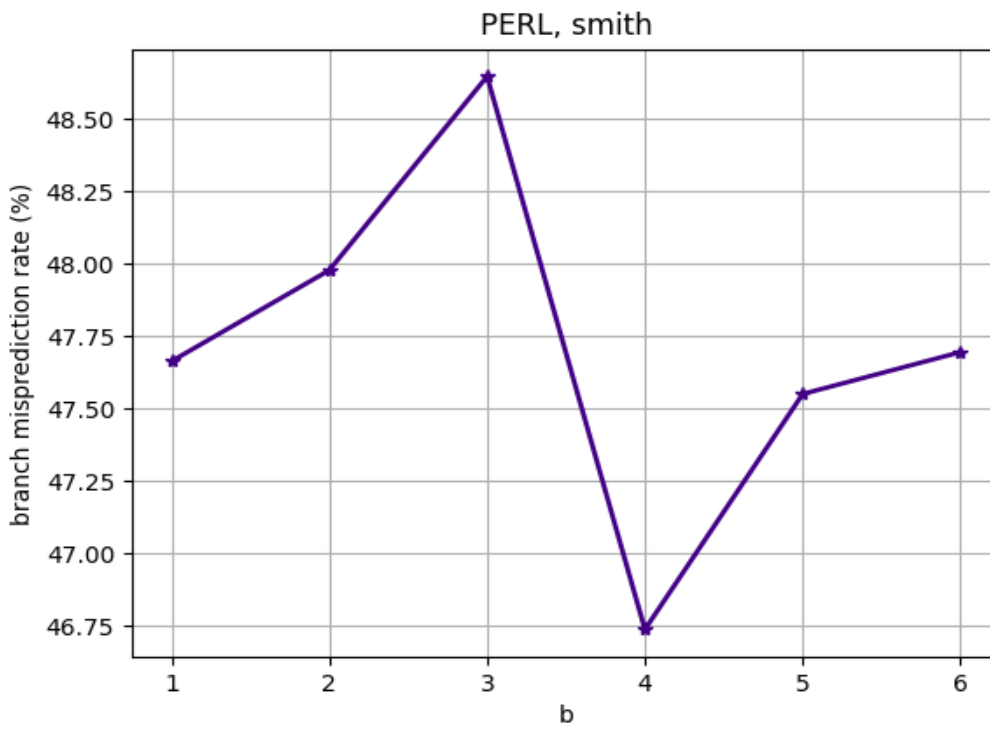
Shreyaskar Singh

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

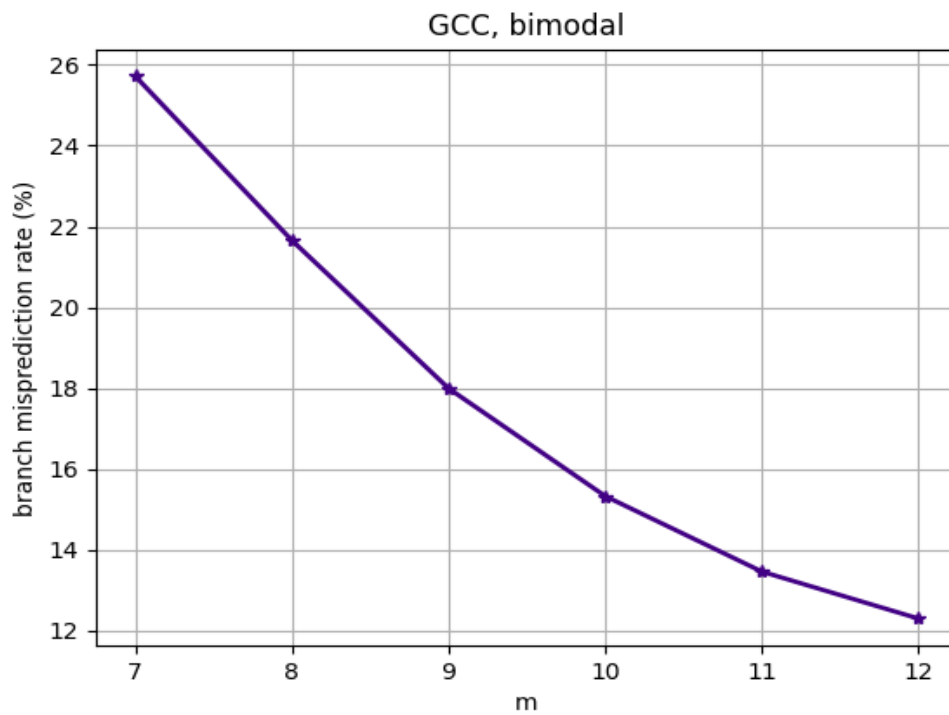
Student's electronic signature: Shreyaskar Singh

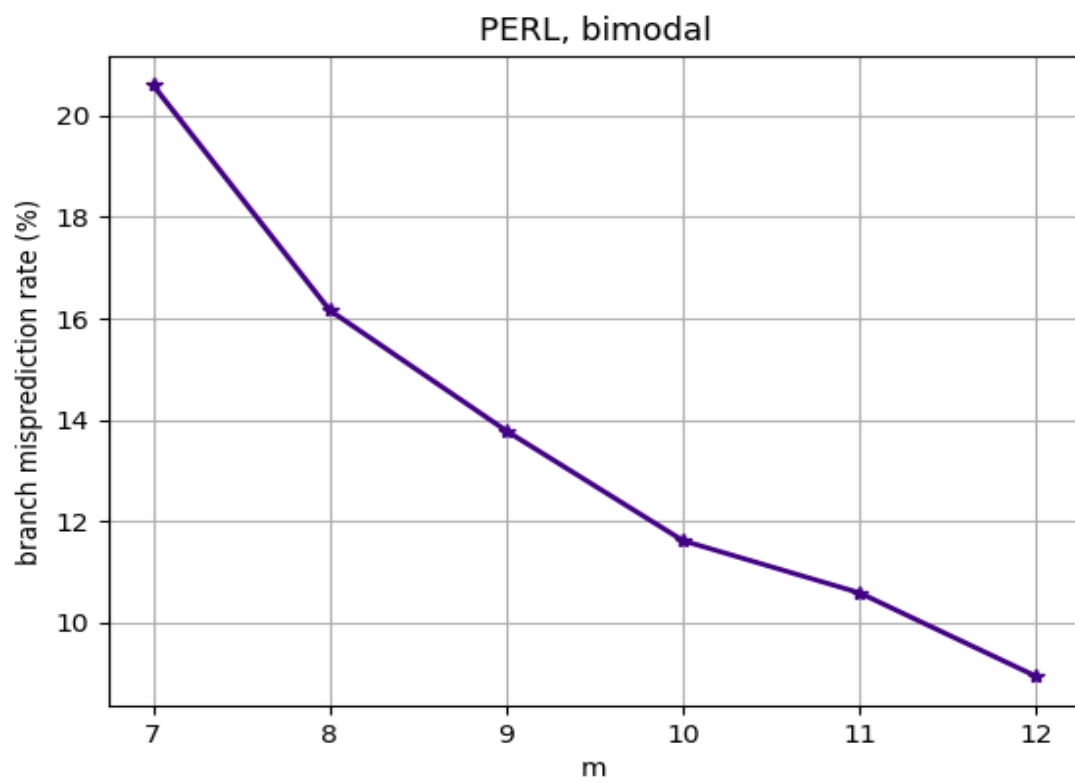
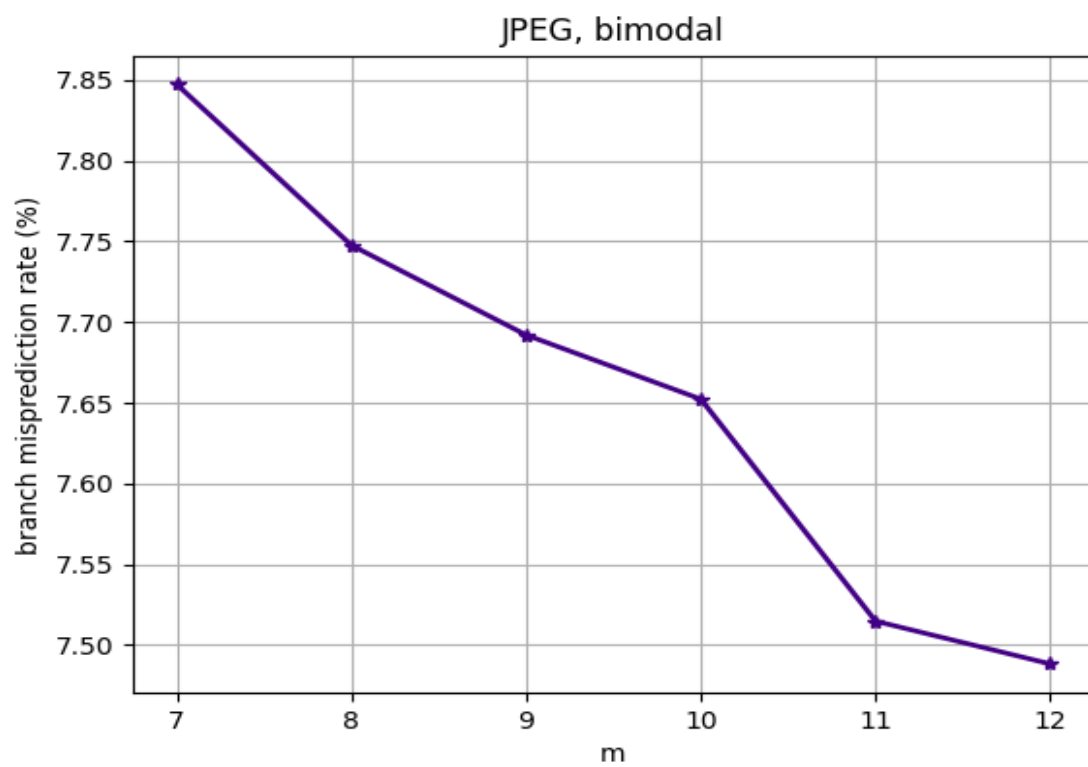
Graph for Smith n-Bit Counter with configurations for $1 \leq b \leq 6$



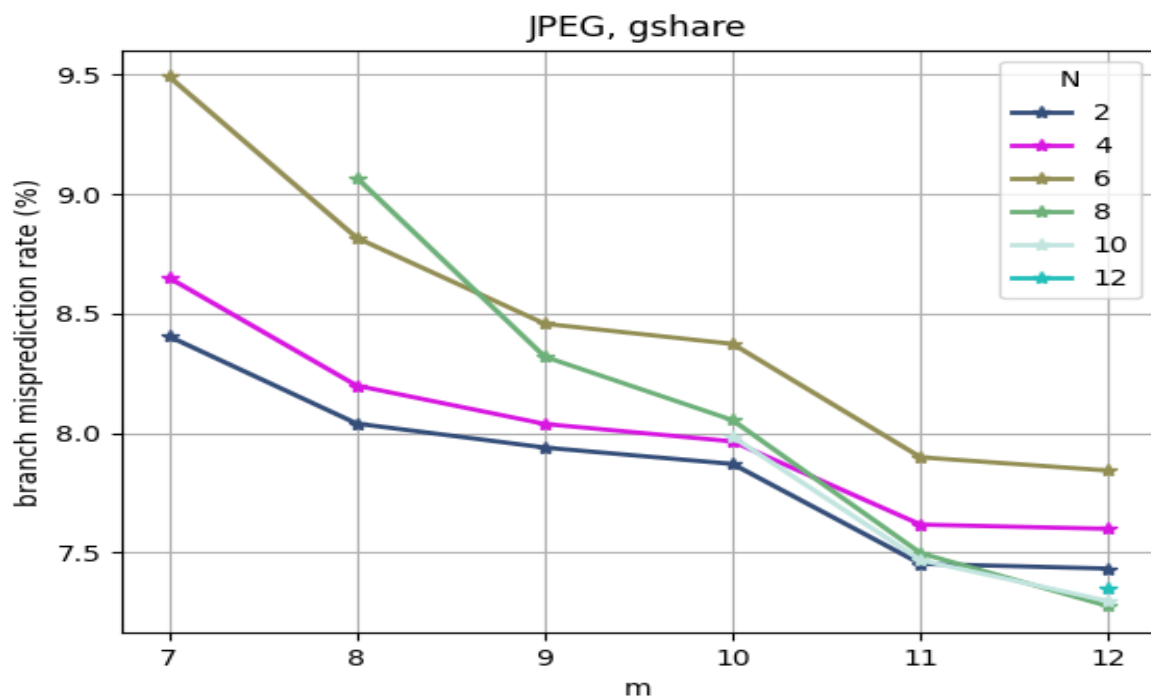
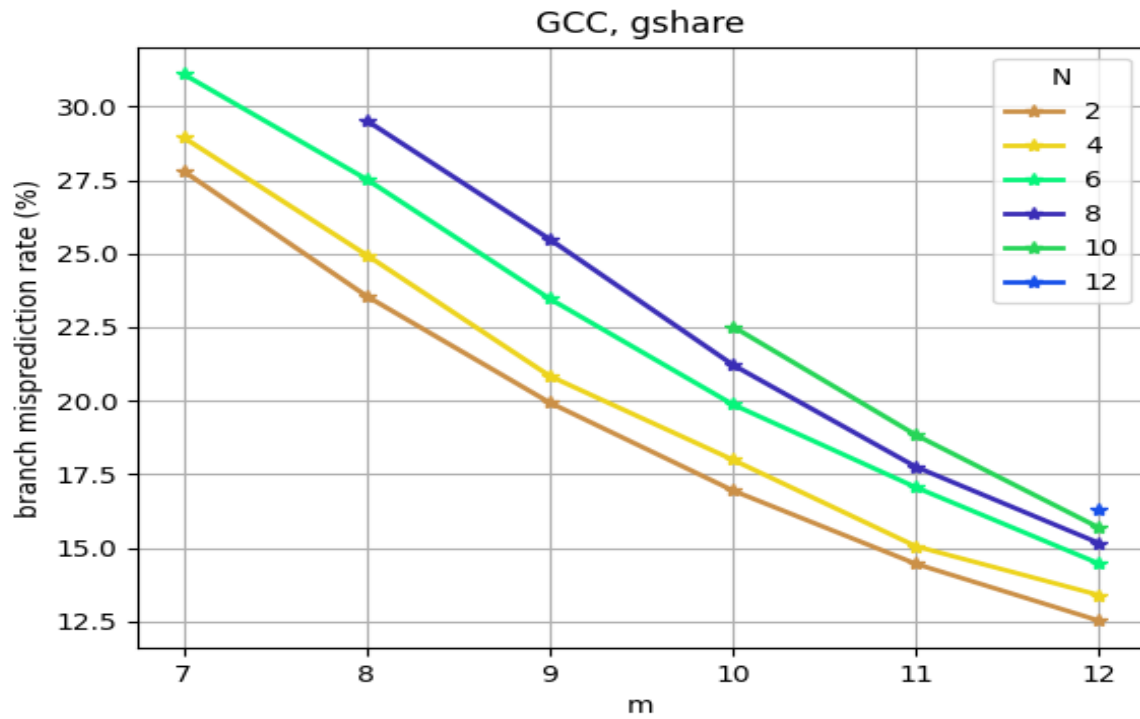


Graph for Bimodal Predictor with configurations for $7 \leq m \leq 12$





Graph for gshare predictor configurations for $7 \leq m \leq 12$ and $2 \leq n \leq m$, n is even



PERL, gshare

