

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

by

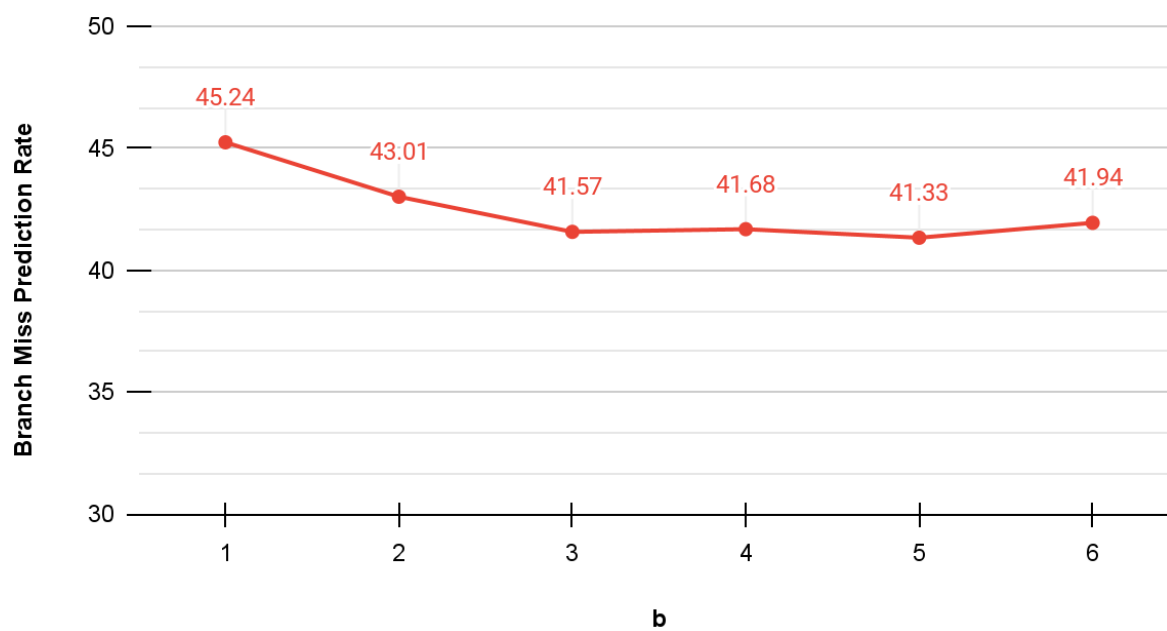
<< SAI SRIRAM AMPAPURAPU >>

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

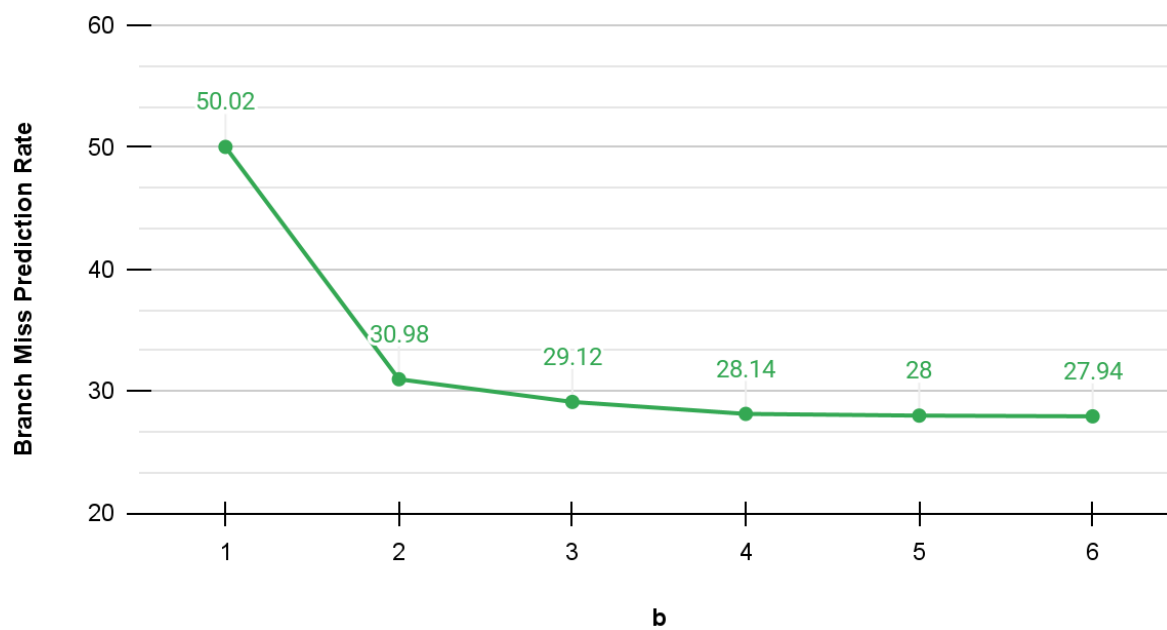
Student's electronic signature: ____Sai Sriam Ampapurpau_____
(sign by typing your name)

Smith N-Bit Counter Predictor

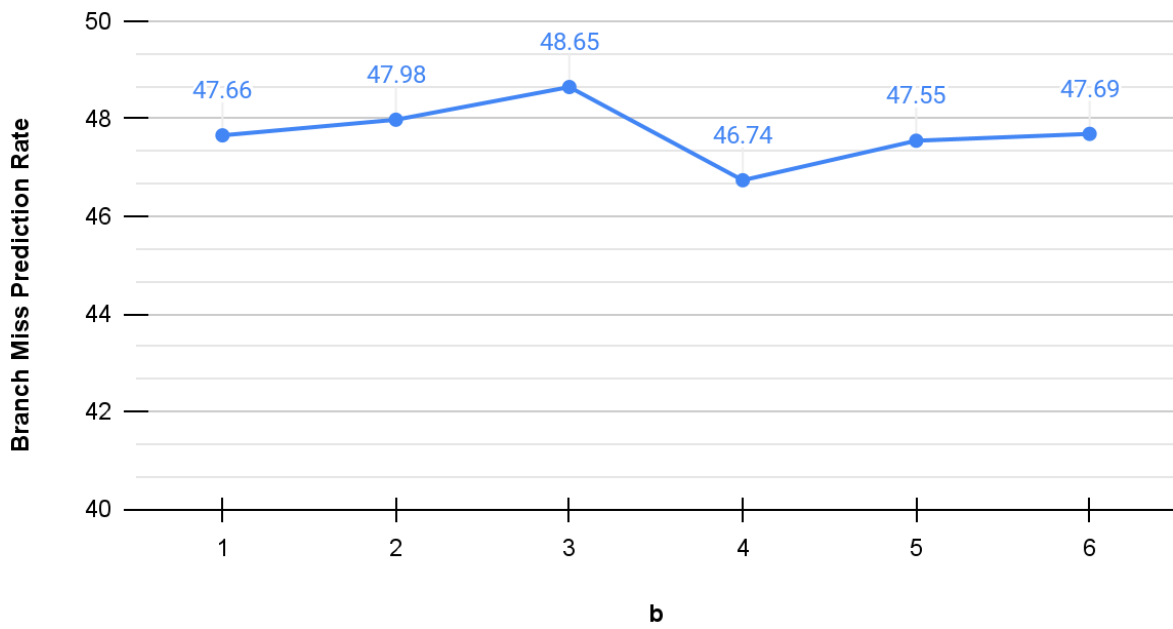
GCC_trace, Smith



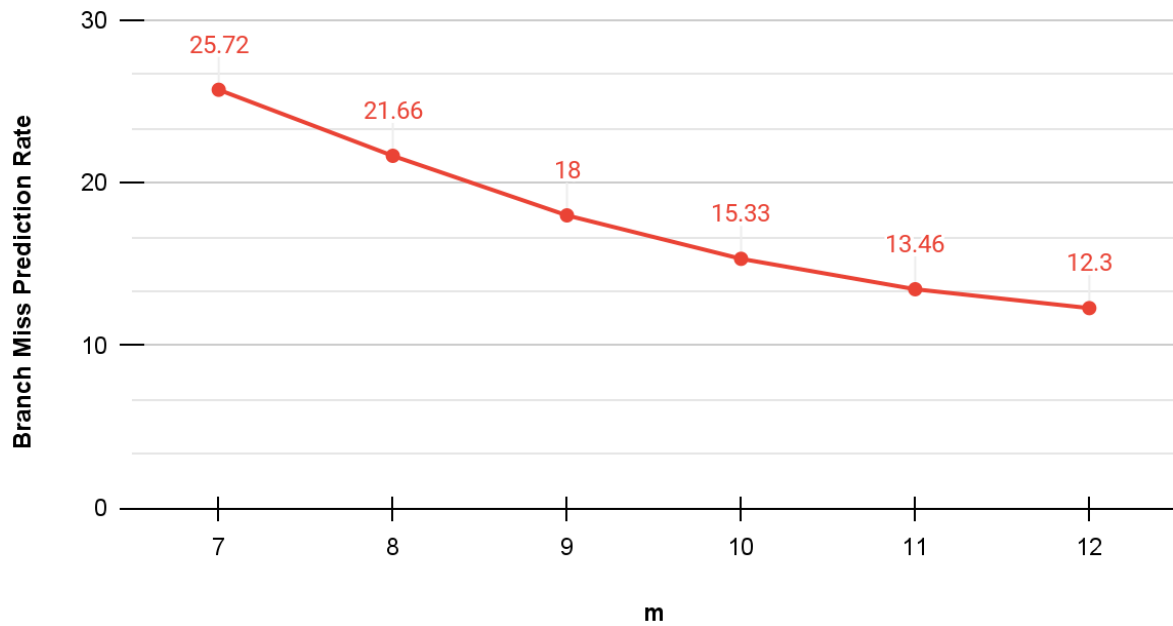
JPEG_trace, Smith



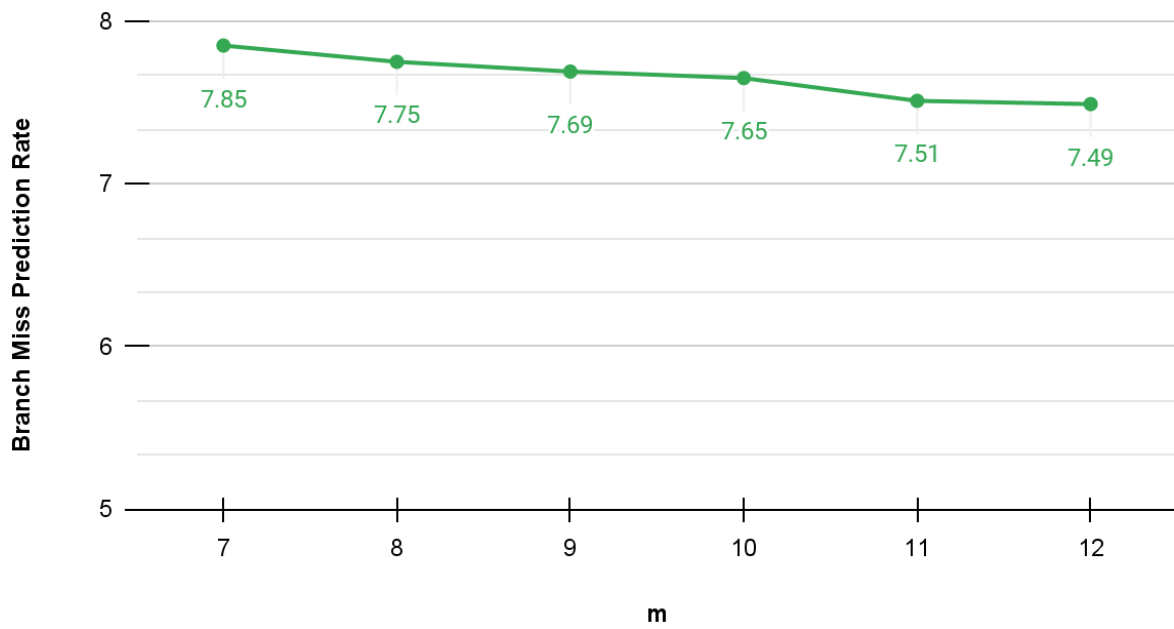
PERL_trace, Smith

Bimodal Predictor

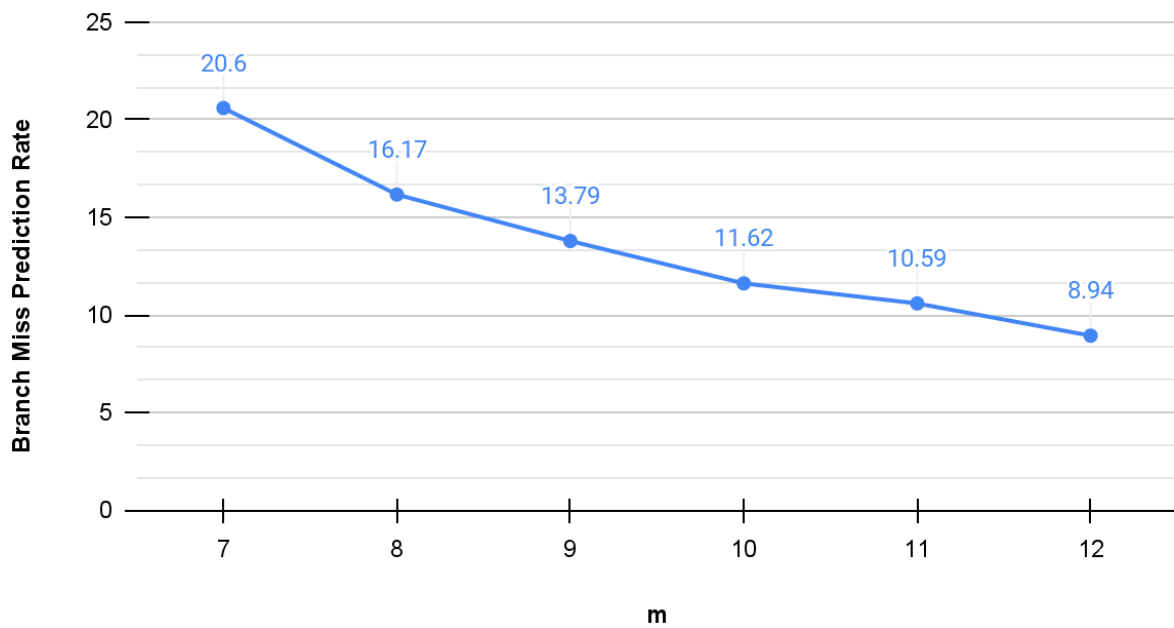
GCC_trace, Bimodal



JPEG_trace, Bimodal

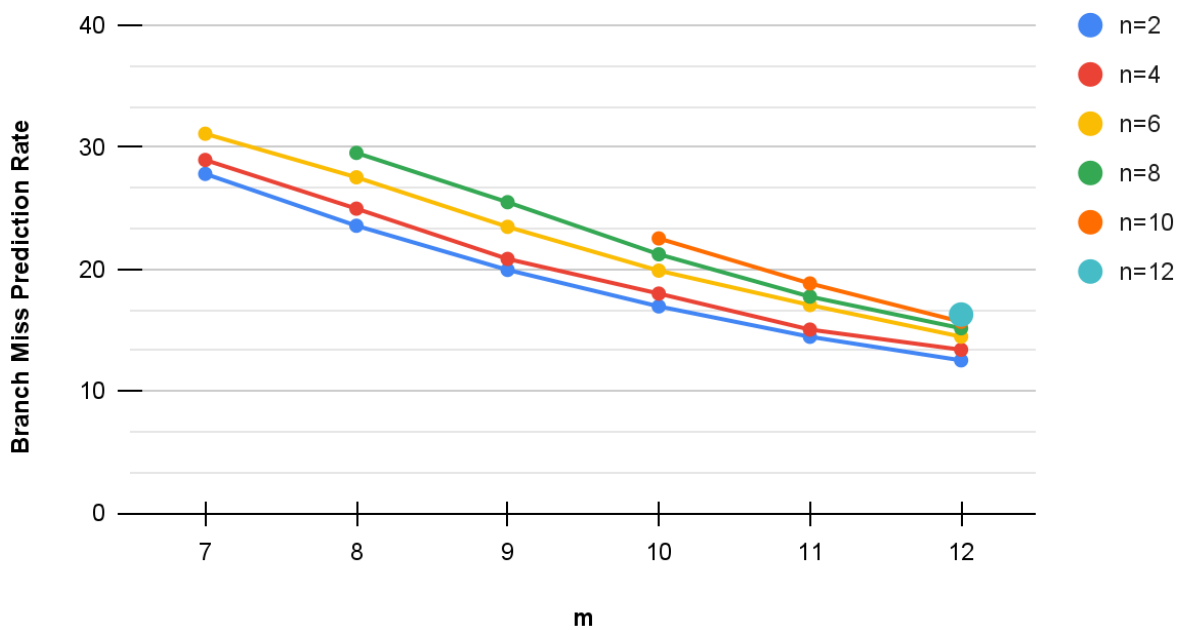


PERL_trace, Bimodal

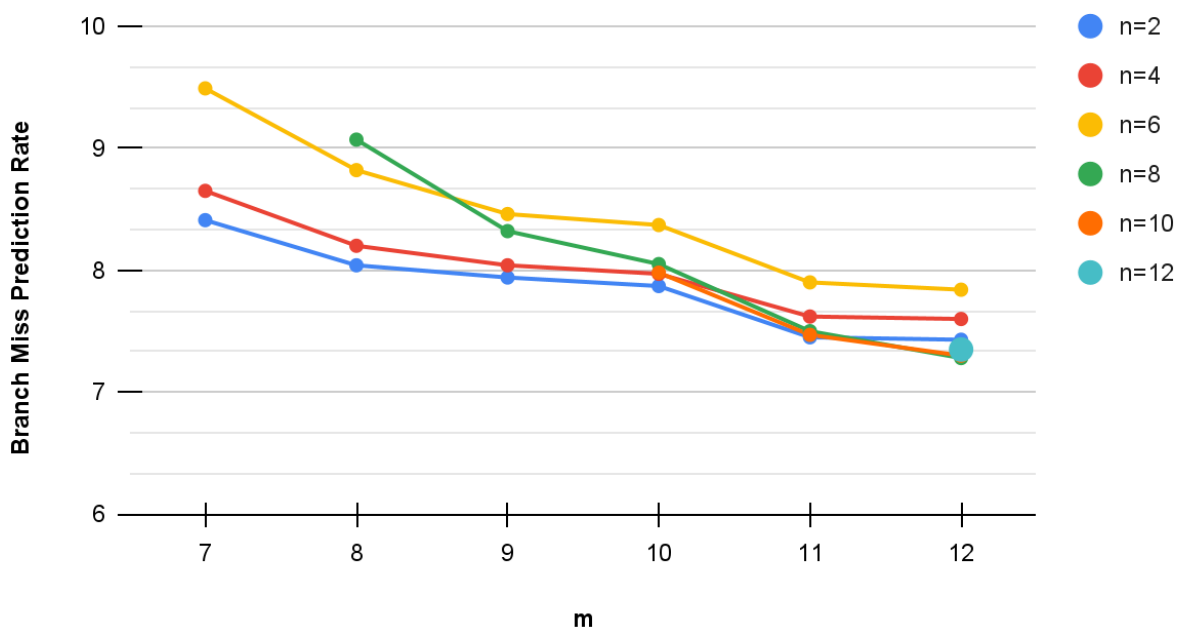


GSHARE Predictor

GCC_trace, GShare



JPEG_trace, GShare



PERL_trace, GShare

