Conditional Branches

1. Multiple Pipelines
2. Delayed Branches
3. Predicated Execution

Bob Rao

Control
Depend

Flow Dependence
RAW Hazard

ADD R0, R1, R2, R

ARM

SLA VASS
Brand Prediction

BT FN

97% SERNE 98.5%

Representative Profiling

Jim Smith 1981 ISCA
25+ Con Inc. N T