	Width	Int ALU	Int Multiplier	Memory Port	FP ALU	FP Multiplier	Prediction	Instruction Issue	CPI	Speedup	Cost	Weighted Speedup

	Width	Int ALU	Int Multiplier	Memory Port	FP ALU	FP Multiplier	Prediction	Instruction Issue	CPI	Speedup	Cost	Weighted Speedup
1	1	1	1	1	1	1	taken	in-order	2.2941	1.0000	1350	0.7407
2	1	1	1	1	1	1	not taken	in-order	2.2941	1.0000	1350	0.7407
3	1	1	1	1	1	1	2 level	in-order	2.0068	1.1432	1800	0.6351
4	2	1	1	1	1	1	taken	in-order	2.1364	1.0738	1600	0.6711
5	2	1	1	1	1	1	not taken	in-order	2.1385	1.0728	1600	0.6705
6	2	1	1	1	1	1	2 level	in-order	1.8579	1.2348	2050	0.6023
7	4	1	1	1	1	1	taken	in-order	1.9832	1.1568	1850	0.6253
8	4	1	1	1	1	1	not taken	in-order	1.9868	1.1547	1850	0.6241
9	4	1	1	1	1	1	2 level	in-order	1.6972	1.3517	2300	0.5877

Test Suite 8: Varying Machine Width and Branch Prediction for In-Order Instruction Execution