Table 6.3
Branch prediction data*

Branch Processing	*compress*	*eqntott*	*espresso*	*li*	*alvinn*	*hydro2d*	*tomcatv*
Branch resolution							
Not taken	40.35	31.84	40.05	33.09	6.38	17.51	6.12
Taken	59.65	68.16	59.95	66.91	93.62	82.49	93.88
BTAC prediction							
Correct	84.10	82.64	81.99	74.70	94.49	88.31	93.31
Incorrect	15.90	17.36	18.01	25.30	5.51	11.69	6.69
BHT prediction							
Resolved	19.71	18.30	17.09	28.83	17.49	26.18	45.39
Correct	68.86	72.16	72.27	62.45	81.58	68.00	52.56
Incorrect	11.43	9.54	10.64	8.72	0.92	5.82	2.05
BTAC incorrect and BHT correct	0.01	0.79	1.13	7.78	0.07	0.19	0.00
BTAC correct and BHT incorrect	0.00	0.12	0.37	0.26	0.00	0.08	0.00
Overall branch prediction accuracy	88.57	90.46	89.36	91.28	99.07	94.18	97.95

*Values given are percentages.

Table 6.3: Branch prediction data.