

| Benchmark | Dynamic | CHA | | | VTA | | | PTA | | | TFA | | |
|--------------|---------|-----------|-----------|---------------|-----------|-----------|---------------|-----------|-----------|---------------|-----------|-----------|---------------|
| | | <i>TP</i> | <i>FN</i> | <i>Recall</i> | <i>TP</i> | <i>FN</i> | <i>Recall</i> | <i>TP</i> | <i>FN</i> | <i>Recall</i> | <i>TP</i> | <i>FN</i> | <i>Recall</i> |
| check | 149 | 149 | 0 | 1.000 | 116 | 33 | 0.779 | 116 | 33 | 0.779 | 145 | 4 | 0.973 |
| compiler | 487 | 486 | 1 | 0.998 | 297 | 190 | 0.610 | 300 | 187 | 0.616 | 466 | 21 | 0.957 |
| compress | 351 | 351 | 0 | 1.000 | 247 | 104 | 0.704 | 313 | 38 | 0.892 | 313 | 38 | 0.892 |
| crypto | 449 | 449 | 0 | 1.000 | 279 | 170 | 0.621 | 349 | 100 | 0.777 | 406 | 43 | 0.904 |
| derby | 583 | 583 | 0 | 1.000 | 352 | 231 | 0.604 | 433 | 150 | 0.743 | 549 | 34 | 0.942 |
| helloworld | 21 | 21 | 0 | 1.000 | 20 | 1 | 0.952 | 20 | 1 | 0.952 | 21 | 0 | 1.000 |
| mpegaudio | 254 | 254 | 0 | 1.000 | 213 | 41 | 0.839 | 232 | 22 | 0.913 | 246 | 8 | 0.969 |
| scimark | 377 | 377 | 0 | 1.000 | 283 | 94 | 0.751 | 349 | 28 | 0.926 | 367 | 10 | 0.973 |
| serial | 451 | 451 | 0 | 1.000 | 298 | 153 | 0.661 | 340 | 111 | 0.754 | 399 | 52 | 0.885 |
| startup | 1344 | 1337 | 7 | 0.995 | 1048 | 296 | 0.780 | 1117 | 227 | 0.831 | 1096 | 248 | 0.815 |
| sunflow | 225 | 225 | 0 | 1.000 | 200 | 25 | 0.889 | 200 | 25 | 0.889 | 214 | 11 | 0.951 |
| xml | 513 | 513 | 0 | 1.000 | 315 | 198 | 0.614 | 407 | 106 | 0.793 | 459 | 54 | 0.895 |
| total | | | | 0.999 | | | 0.734 | | | 0.822 | | | 0.930 |

¹ **Dynamic** denotes the number of dynamic records.

² *TP*, *FN* denote true positive, false negative of different algorithms, respectively.