# Experimental Results:

The table represents the mis-predicts / 1000 instructions of different predictors for various standards.

|  |  |  |  |
| --- | --- | --- | --- |
| Standards | Tournament Predictor | Perceptron Predictor  (n = 32; no of perceptron = 256) | G-SHARE  Predictor |
| INT-1 | 5.975 | 6.659 | 7.662 |
| INT-2 | 8.579 | 8.695 | 8.180 |
| INT-3 | 11.447 | 9.753 | 14.042 |
| INT-4 | 2.164 | 2.928 | 2.322 |
| INT-5 | 0.382 | 0.366 | 0.546 |
| MM-1 | 8.093 | 7.317 | 8.400 |
| MM-2 | 10.655 | 9.652 | 11.422 |
| MM-3 | 1.501 | 2.960 | 5.179 |
| MM-4 | 2.118 | 1.560 | 1.844 |
| MM-5 | 5.754 | 6.404 | 6.640 |
| FP-1 | 3.073 | 2.439 | 3.984 |
| FP-2 | 1.244 | 1.082 | 1.189 |
| FP-3 | 0.517 | 0.434 | 0.578 |
| FP-4 | 0.265 | 0.192 | 0.320 |
| FP-5 | 0.640 | 0.791 | 1.553 |
| SERV-1 | 7.293 | 9.942 | 5.025 |
| SERV-2 | 7.665 | 10.523 | 5.262 |
| SERV-3 | 6.504 | 8.537 | 6.450 |
| SERV-4 | 7.003 | 9.275 | 5.863 |
| SERV-5 | 6.830 | 8.761 | 5.972 |

Table Representing Geometric mean of the Predictors against different standards.

Last Column indicates Combined geometric mean attained by a particular predictor on all the standards

|  |  |  |  |
| --- | --- | --- | --- |
| Standards | ALPHA-  Tournament Predictor | Perceptron Predictor  (n = 32; no of perceptron = 256) | G share  Predictor |
| INT | 3.4447474 | 3.600591 | 4.0692639 |
| MM | 4.36101821 | 4.61278911 | 5.71267174 |
| FP | 0.8036369 | 0.704825 | 1.0635308 |
| SERV | 7.04791645 | 9.3790152 | 5.6913758 |
|  | 3.03715163 | 3.2370096 | 3.4441386 |