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POSTER: Hardening Selective Protection across Multiple Inputs for HPC Applications



Protected Binary



| í. | 30% Level | 50% Level | 70% Level | 7 |
|--------|-----------|-----------|-----------|-------|
| | 13.33% | 3.33% | 3.33% | |
| | 3.33% | 3.33% | 3.33% | - SEN |
| | 0.00% | 56.67% | 0.00% | l cov |
| | 0.00% | 0.00% | 0.00% | |
| | 0.00% | 0.00% | 3.33% | |
| | 3.33% | 12.67% | 2.00% | - cov |
| eline) | 23.33% | 42.67% | 44.67% | 1 |
| | | | | |

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30%

NTINEL can significantly reduce the SDC verage variation among arbitrary inputs. ore inputs can reach the expected verage.

https://hyfshishen.github.io/