Comparison	Opcode (η^2)	Call (η^2)	Event (η^2)	Branch (η^2)
GA vs BF	0.041 (0.038)	0.028 (0.014)	0.021 (0.017)	0.048 (0.037)
GA vs GF	0.023 (0.016)	0.011 (0.014)	0.008 (0.011)	0.031 (0.029)
GA vs AF	0.016 (0.021)	0.001 (0.009)	0.004 (0.017)	0.007 (0.009)
GF vs BF	0.554 (0.049)	0.511 (0.051)	0.178 (0.335)	0.478 (0.068)
GF vs AF	0.057 (0.081)	0.079 (0.063)	0.417 (0.122)	0.067 (0.074)
BF vs AF	0.050 (0.049)	0.050 (0.047)	0.051 (0.054)	0.044 (0.011)

Table 2: P-values and eta squared effect size using One way Anova Tukey's HSD for pairwise comparison of coverage achieved for Random-C dataset.

Comparison	Opcode (η^2)	Call (η^2)	Event (η^2)	Branch (η^2)
GA vs BF	0.049 (0.034)	0.001 (0.010)	0.065 (0.021)	0.049 (0.039)
GA vs GF	0.035 (0.014)	0.001 (0.012)	0.073 (0.094)	0.049 (0.039)
GA vs AF	0.008 (0.012)	0.001 (0.010)	0.014 (0.007)	0.011 (0.017)
GF vs BF	0.719 (0.238)	0.758 (0.311)	0.571 (0.106)	0.763 (0.181)
GF vs AF	0.075 (0.066)	0.121 (0.059)	0.056 (0.041)	0.091 (0.112)
BF vs AF	0.050 (0.052)	0.205 (0.031)	0.061 (0.056)	0.099 (0.213)

Table 3: P-values and eta squared effect size using One way Anova Tukey's HSD for pairwise comparison of coverage achieved for Vulnerable-C dataset.