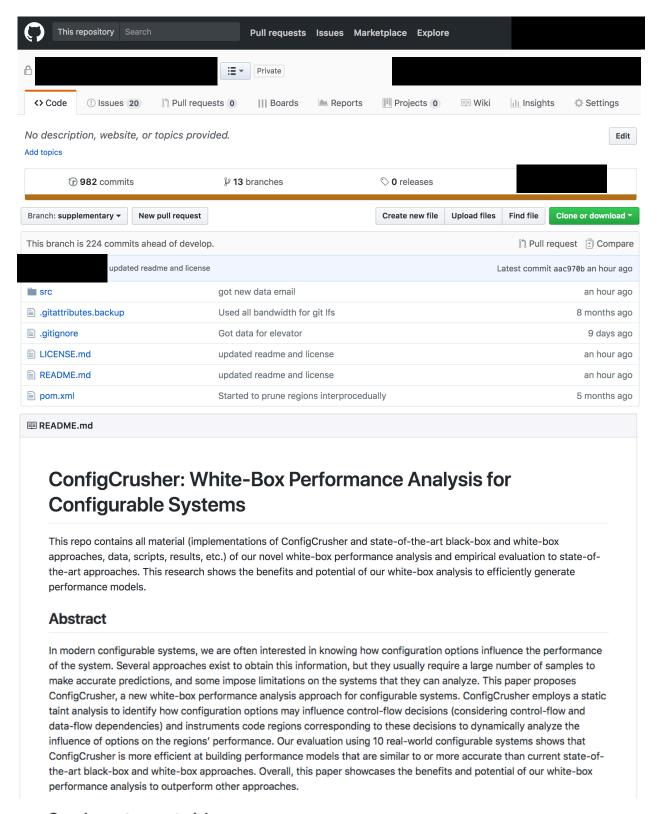
ConfigCrusher: White-Box Performance Analysis for Configurable Systems (Supplementary material)

Main repo



Supplementary material

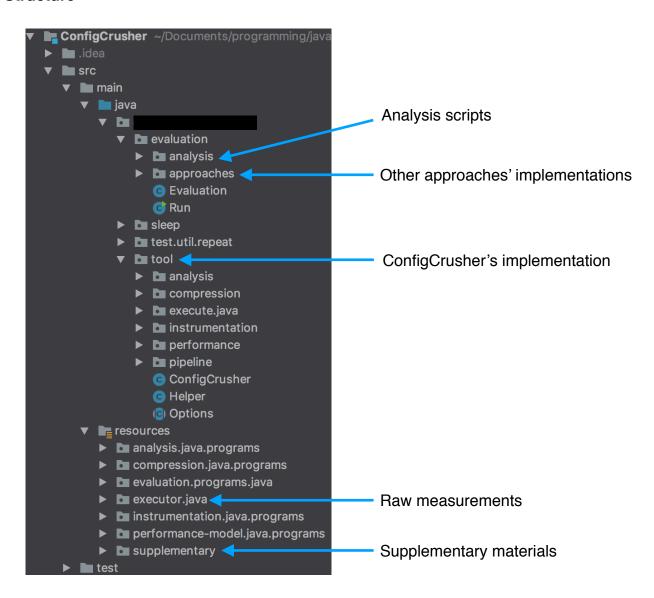
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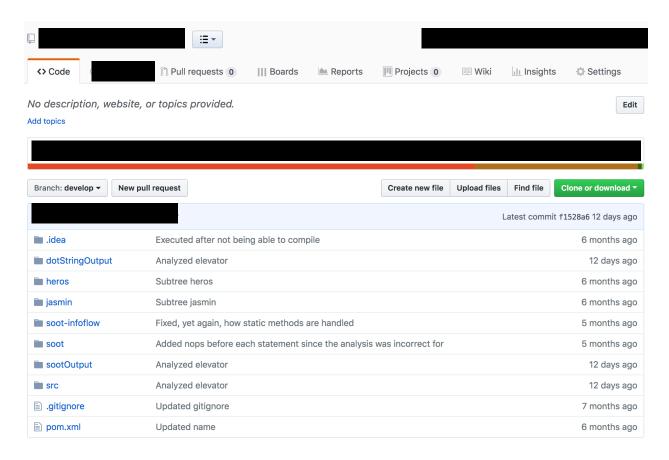
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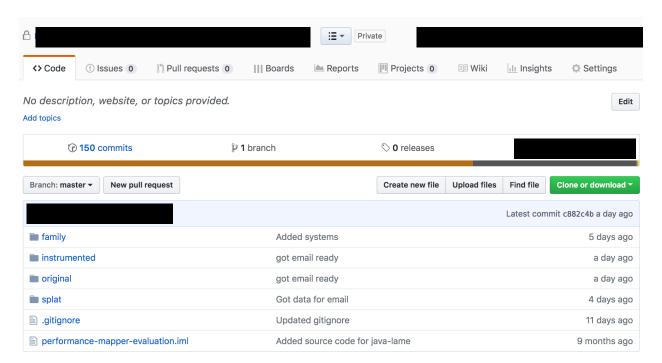
Structure



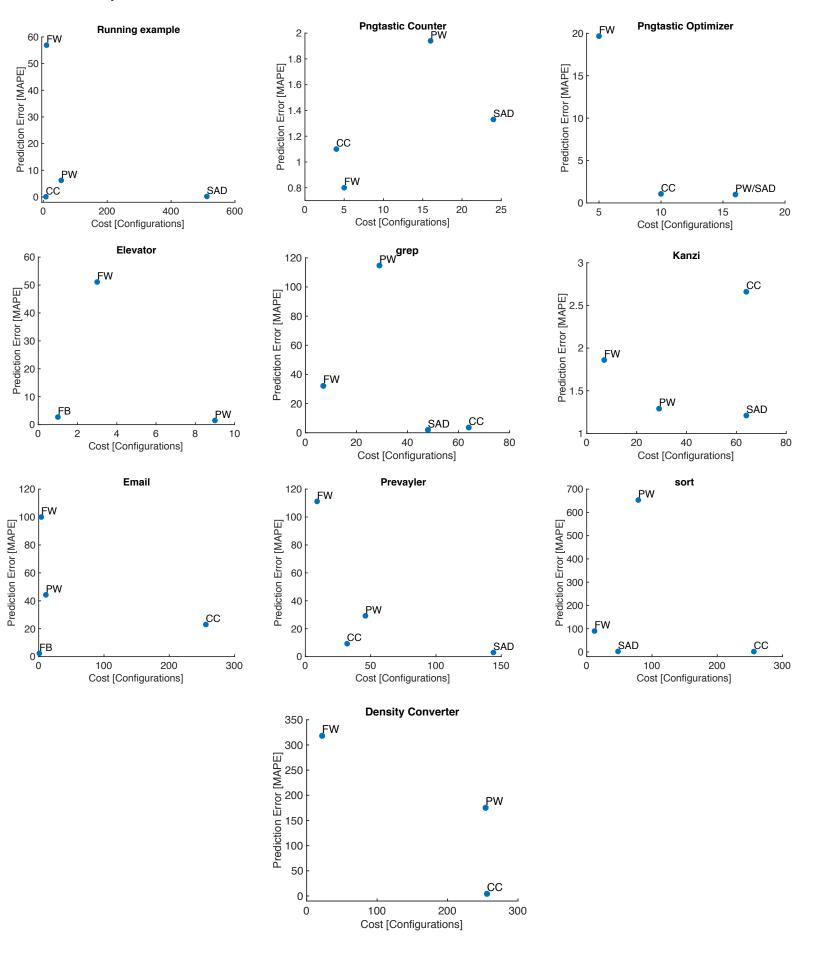
Static taint analysis repo

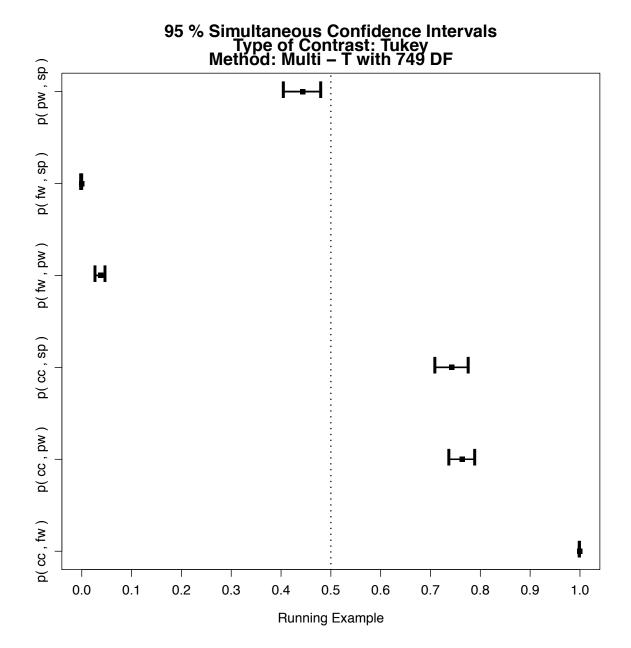


Subject systems repo

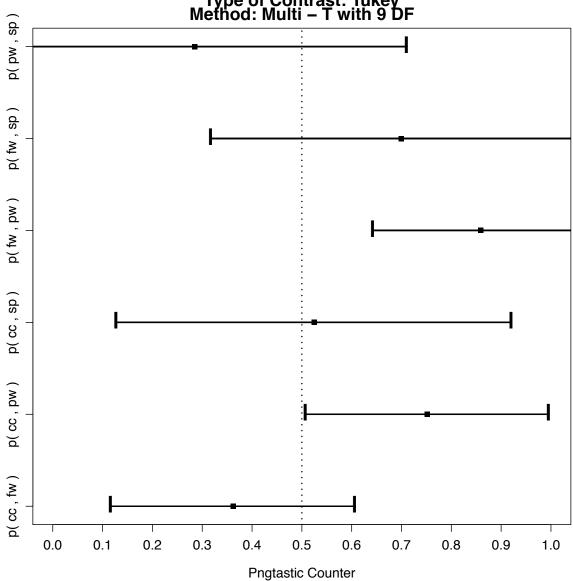


Cost vs prediction error

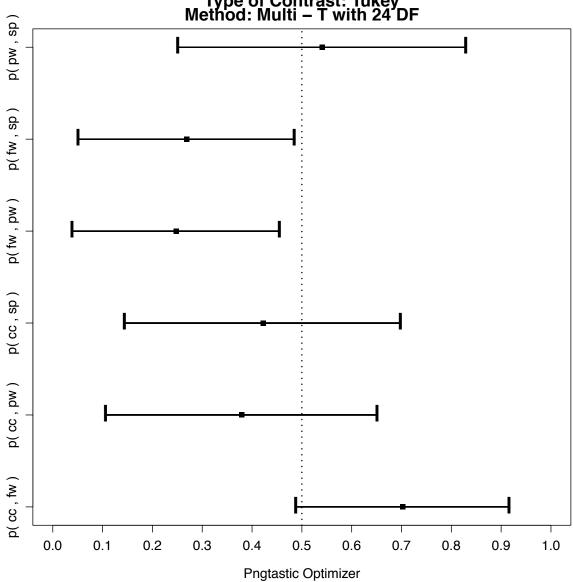




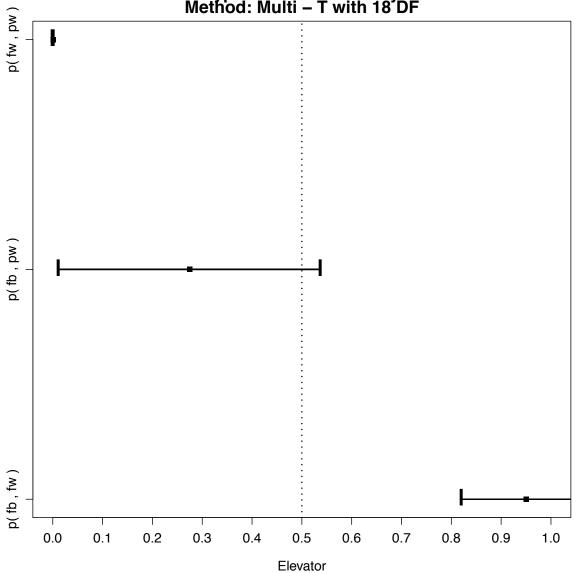
95 % Simultaneous Confidence Intervals Type of Contrast: Tukey Method: Multi – T with 9 DF



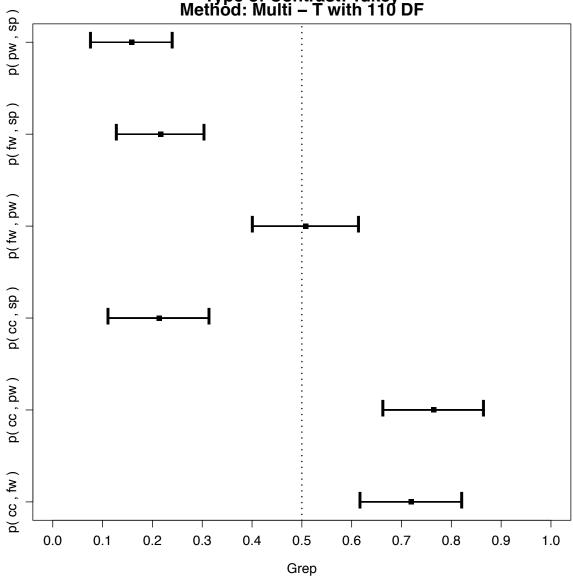
95 % Simultaneous Confidence Intervals Type of Contrast: Tukey Method: Multi – T with 24 DF



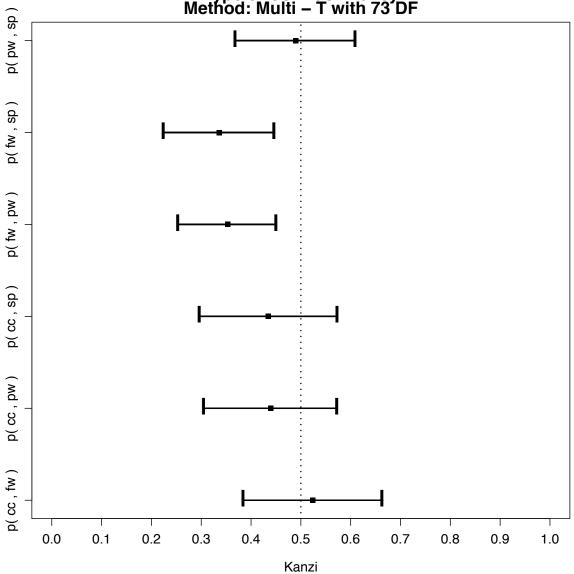
95 % Simultaneous Confidence Intervals Type of Contrast: Tukey Method: Multi – T with 18 DF



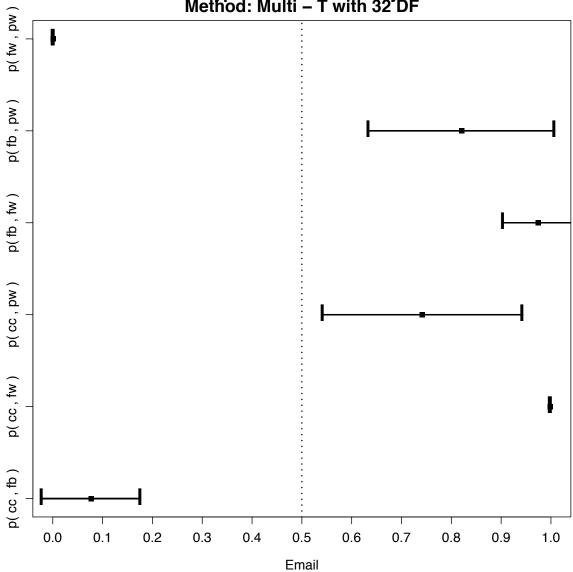
95 % Simultaneous Confidence Intervals Type of Contrast: Tukey Method: Multi – T with 110 DF



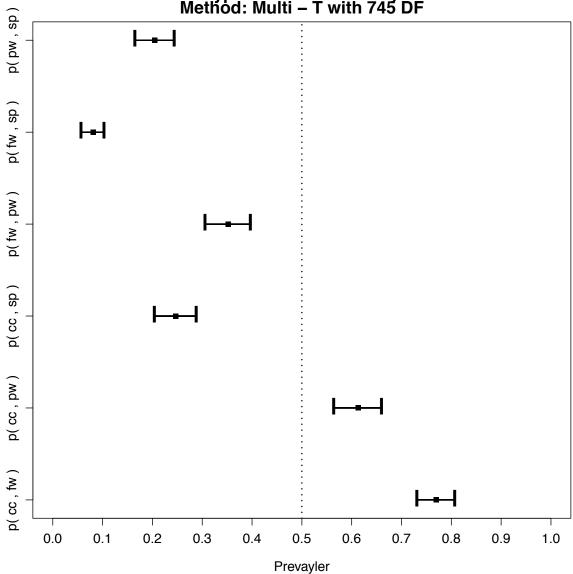
95 % Simultaneous Confidence Intervals Type of Contrast: Tukey Method: Multi – T with 73 DF



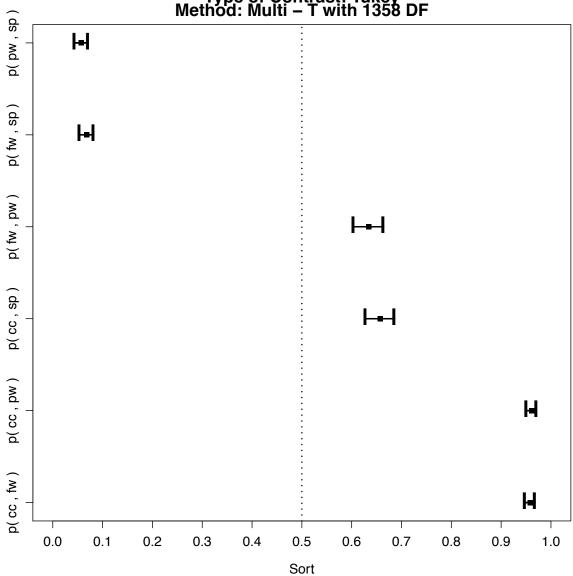
95 % Simultaneous Confidence Intervals Type of Contrast: Tukey Method: Multi – T with 32 DF



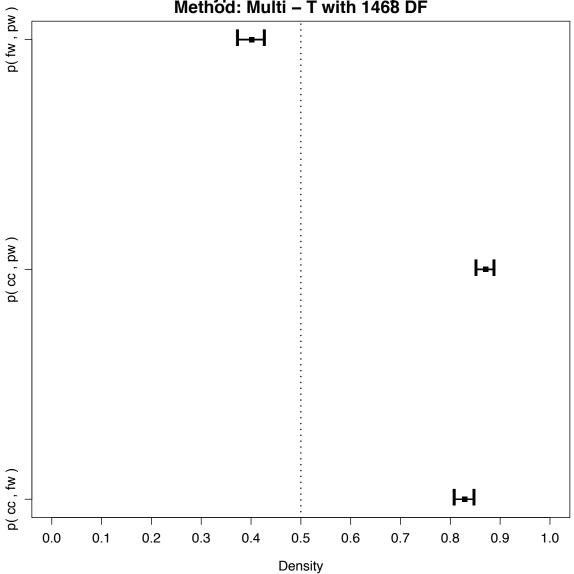
95 % Simultaneous Confidence Intervals Type of Contrast: Tukey Method: Multi – T with 745 DF



95 % Simultaneous Confidence Intervals Type of Contrast: Tukey Method: Multi – T with 1358 DF



95 % Simultaneous Confidence Intervals Type of Contrast: Tukey Method: Multi – T with 1468 DF



Prediction error of entire configuration space

| S | BF/SA | FW | PW | SAD | FB | CC |
|----|-------|--------|--------|------|------|-------|
| 1 | 0.18 | 56.51 | 5.89 | 0.18 | N/A | 0.07 |
| 2 | 1.54 | 0.79 | 1.52 | 1.59 | N/A | 1.07 |
| 3 | 0.88 | 16.74 | 0.81 | 0.88 | N/A | 0.99 |
| 4 | 1.23 | 46.98 | 1.44 | 1.23 | 2.81 | 1.23 |
| 5 | 1.95 | 30.45 | 89.77 | 1.99 | N/A | 3.53 |
| 6 | 1.23 | 1.82 | 1.21 | 1.22 | N/A | 3.14 |
| 7 | 0.35 | 100 | 32.97 | 1.68 | N/A | 19.36 |
| 8 | 2.84 | 109.30 | 26.87 | 2.70 | N/A | 9.08 |
| 11 | 2.31 | 89.23 | 614.95 | 2.47 | N/A | 1.52 |
| 12 | 0.72 | 625.37 | 179.78 | N/A | N/A | 6.52 |