|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Clone Detection Tools** | **Changes at the same Commit** | **Detected Cochange by Clone Detection Tools** | **Cloned Cochnage** | **Detection Accuracy** |
| **deckard** | c1 to c20 | c1, c3, c5, c6 | c1 to c10 | 4/10 |
| **nicad5** | c2, c3, c4, c6, c7 | 5/10 |
| **conqat** | c1, c3, c4, c9 | 4/10 |
| **simcad** | c1, c10 | 2/10 |
| **iclones** | c1, c8, c9 | 3/10 |
| **simian** | c1, c2 | 2/10 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Subject Systems** | **Total**  **Changes** | **Total Number of**  **Similar Cochange** | **Average Detection Accuracy** | | | | | |
| **conqat** | **deckard** | **iclones** | **nicad5** | **simcad** | **simian** |
| brlcad | 2103 | 13821 | 0.4 | 0.4 | 0.36 | 0.15 | 0.21 | 0.33 |
| carol | 3299 | 69454 | 0.2 | 0.54 | 0.11 | 0.27 | 0.27 | 0.09 |
| ctags | 533 | 1963 | 0.23 | 0.28 | 0.12 | 0.49 | 0.08 | 0.16 |
| freecol | 7514 | 246083 | 0.15 | 0.71 | 0.07 | 0.09 | 0.11 | 0.06 |
| jabref | 6011 | 79417 | 0.16 | 0.69 | 0.11 | 0.15 | 0.15 | 0.09 |
| jedit | 3603 | 160689 | 0.11 | 0.74 | 0.06 | 0.19 | 0.1 | 0.04 |