**RQ1:**

bzr

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Release | Dynamic features  —  changes | Dynamic features  —  no changes | No dynamic features  —  changes | No dynamic features  —  no changes | P-values | OR |
| 1.2 |  |  |  |  | **<0.01** | 2.05 |
| 1.7 |  |  |  |  | 0.5246 | 1.38 |
| 1.14 |  |  |  |  | **<0.01** | 2.81 |
| 2.0.0 |  |  |  |  | **<0.01** | 3.45 |
| 2.1.0 |  |  |  |  | **<0.01** | 2.78 |
| 2.2.0 |  |  |  |  | **<0.01** | 2.82 |
| 2.3.0 |  |  |  |  | **<0.01** | 2.96 |
| 2.4.0 |  |  |  |  | **<0.01** | 4.77 |
| 2.5.0 |  |  |  |  | **<0.01** | 2.32 |
| 2.6.0 |  |  |  |  |  |  |

**RQ2:**

bzr

|  |  |  |
| --- | --- | --- |
| Release | M-W | Cohen |
| 1.2 | **<0.01** | -0.01 (negligible) |
| 1.7 | 0.3574 | 0.13 (negligible) |
| 1.14 | **<0.01** | 0.35 (small) |
| 2.0.0 | **<0.01** | 0.45 (small) |
| 2.1.0 | **<0.01** | 0.28 (small) |
| 2.2.0 | **<0.01** | 0.39(small) |
| 2.3.0 | **<0.01** | 0.41 (small) |
| 2.4.0 | **<0.01** | 0.45(small) |
| 2.5.0 | **<0.01** | 0.36(small) |
| 2.6.0 |  |  |

**RQ3:**

bzr

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Version ID  Dynamic Features | 1.2 | 1.7 | 1.14 | 2.0.0 | 2.1.0 | 2.2.0 | 2.3.0 | 2.4.0 | 2.5.0 |
| introspection | 0.67 | 0.40 | **<0.01** | **<0.01** | **<0.01** | **0.02** | **<0.01** | **<0.01** | **<0.01** |
| object changes | 0.50 | 0.93 | **0.01** | **<0.01** | 0.08 | **<0.01** | 0.234 | **0.03** | 0.88 |
| code generation | 0.11 | **<0.01** | 0.25 | 0.43 | 0.16 | 0.45 | 0.26 | 0.63 | 0.69 |
| library loading | 0.85 | 0.79 | 0.06 | 0.36 | 0.25 | 0.22 | 0.82 | 0.76 | 0.52 |