**RQ1:**

Django

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Release | Dynamic features—changes | Dynamic features—  no changes | No dynamic features— changes | No dynamic features—  no changes | P-values | OR |
| 1.0 |  |  |  |  | **<0.01** | 7.69 |
| 1.1 |  |  |  |  | **<0.01** | 4.47 |
| 1.2 |  |  |  |  | **<0.01** | 3.47 |
| 1.3 |  |  |  |  | **<0.01** | 4.48 |
| 1.4 |  |  |  |  | **<0.01** | 9.53 |
| 1.5 |  |  |  |  | **0.03** | 1.38 |
| 1.6 |  |  |  |  | **<0.01** | 10.13 |
| 1.7 |  |  |  |  |  |  |

**RQ2:**

Django

|  |  |  |
| --- | --- | --- |
| Release | M-W | Cohen |
| 1.0 | **<0.01** | 0.61 (medium) |
| 1.1 | **<0.01** | 0.41(small) |
| 1.2 | **<0.01** | 0.28 (small) |
| 1.3 | **<0.01** | 0.31 (small) |
| 1.4 | **<0.01** | 0.41 (small) |
| 1.5 | **0.02** | 0.07(negligible) |
| 1.6 | **<0.01** | 0.36 (small) |
| 1.7 |  |  |

**RQ3:**

Django

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Version ID  Dynamic Features | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 |
| introspection | **<0.01** | **<0.01** | **<0.01** | **<0.01** | **<0.01** | 0.76 | **<0.01** |  |
| object changes | 0.72 | 0.70 | 0.01 | 0.33 | 0.20 | **<0.05** | 0.18 |  |
| code generation | 0.17 | <0.01 | 0.52 | 0.24 | 0.44 | 0.08 | 0.33 |  |
| library loading | <0.01 | 0.23 | 0.22 | 0.71 | 0.62 | 0.56 | 0.60 |  |