| **Variable** | **Normalised\_precalculate** N = 300*1* | **Precalculate** N = 300*1* | **Normalised\_prejoin** N = 300*1* | **Intermediate** N = 300*1* | **Extreme** N = 300*1* |
| --- | --- | --- | --- | --- | --- |
| **Scale\_factor** |  |  |  |  |  |
| 1 | 100 (33%) | 100 (33%) | 100 (33%) | 100 (33%) | 100 (33%) |
| 10 | 100 (33%) | 100 (33%) | 100 (33%) | 100 (33%) | 100 (33%) |
| 50 | 100 (33%) | 100 (33%) | 100 (33%) | 100 (33%) | 100 (33%) |
| **Tables\_number** | 2.00 [1.00, 6.00] [2.81] | 1.00 [1.00, 5.00] [1.62] | 2.00 [1.00, 6.00] [2.41] | 2.00 [1.00, 5.00] [1.90] | 1.00 [1.00, 5.00] [1.26] |
| **Columns\_number** | 8.0 [5.0, 22.0] [9.3] | 4.0 [2.0, 18.0] [5.1] | 7.0 [3.0, 17.0] [7.7] | 6.0 [3.0, 16.0] [6.8] | 5.0 [2.0, 14.0] [5.5] |
| **Joins\_number** | 1.00 [0.00, 4.00] [1.27] | 0.00 [0.00, 4.00] [0.44] | 0.00 [0.00, 4.00] [0.28] | 0.00 [0.00, 4.00] [0.20] | 0.00 [0.00, 2.00] [0.05] |
| **Subqueries\_number** | 0.00 [0.00, 2.00] [0.57] | 0.00 [0.00, 3.00] [0.38] | 0.00 [0.00, 3.00] [0.37] | 0.00 [0.00, 3.00] [0.34] | 0.00 [0.00, 3.00] [0.31] |
| **GroupBy\_number** | 1.00 [0.00, 2.00] [1.17] | 0.00 [0.00, 1.00] [0.19] | 0.00 [0.00, 1.00] [0.36] | 0.00 [0.00, 1.00] [0.38] | 0.00 [0.00, 1.00] [0.38] |
| **Having\_number** | 0.00 [0.00, 1.00] [0.20] | 0.00 [0.00, 0.00] [0.00] | 0.00 [0.00, 1.00] [0.05] | 0.00 [0.00, 1.00] [0.06] | 0.00 [0.00, 1.00] [0.06] |
| **Where\_conditions\_number** | 0.00 [0.00, 7.00] [0.89] | 1.00 [0.00, 4.00] [0.95] | 1.50 [0.00, 9.00] [2.05] | 1.00 [0.00, 9.00] [1.86] | 1.00 [0.00, 9.00] [1.75] |
| **OrderBy\_number** | 0.00 [0.00, 2.00] [0.35] | 0.00 [0.00, 2.00] [0.35] | 0.00 [0.00, 1.00] [0.05] | 0.00 [0.00, 1.00] [0.05] | 0.00 [0.00, 1.00] [0.05] |
| **Aggregate\_functions\_number** | 1.00 [0.00, 4.00] [1.65] | 0.00 [0.00, 2.00] [0.34] | 0.00 [0.00, 3.00] [0.53] | 0.00 [0.00, 3.00] [0.53] | 0.00 [0.00, 3.00] [0.53] |
| *1*n (%); Median [Min, Max] [Mean] | | | | | |