Table 3: Average server execution time reported by Neo4j server over 5 runs for each query   
4 GB of RAM on VM  
Max Java Heap Size = 512 MG  
Neo4j heuristically set to 50% of RAM – Java Heap Size  
Buffer pool size: **1.5** GBytes

|  |  |
| --- | --- |
| Query ID | Average Response Time (ms) |
| Q1 | 486 |
| Q3 | 1060 |
| Q6 | 51 |
| Q9 | 15 |
| Q10 | 27 |
| Q11 | 41 |
| Q15 | 46 |
| Q18 | 837 |
| Q23 | 260 |