Table 2: Average Execution Time measured by the server of 5 runs for each query

Buffer Pool Size: 17.1799 GBytes

Query ID	Optimization Method	Before (ms)	After (ms)
Q1	Add index on day/month/year	0.10799410	0.08066710
Q2	Add index on rt_count	0.01053030	0.00884770
Q3	Add indexes on state data	0.42991550	0.36291970
Q6	Add index on followers	0.30775630	0.28102270
Q10	Add indexes on state data	0.00180060	0.00165590
Q15	Add index on tweet year	0.10343100	0.06741880
Q23	Add index on tweet year	0.42154150	0.23759320
Q27	Add index on tweet year	0.22368140	0.17572980