TPC-H benchmark simplified query-1 time for solution analysis for different scale factors, between Linear Algebra approach vs Relational Algebra approach, performing a K-Best (K=3,N=50) time measurement technique 64 Vectorized Sequential Linear Algebra Approach 48.8512 Parallel Linear Algebra Approach Sequential PostgreSQL Parallel PostgreSQL (max_parallel_degree = 20) 32.2612 32 16 15.165 8 5.65117 Time in seconds 4.2469 3.8867 3.22935 1.9605 .92568 1.11483 0.54541 0.28339 0.21723 2 16 8 32 TPC-H scale factor