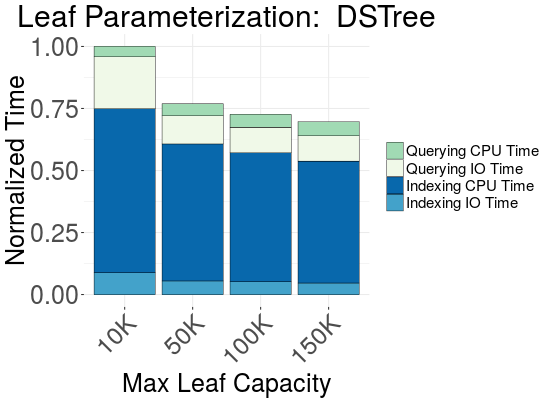
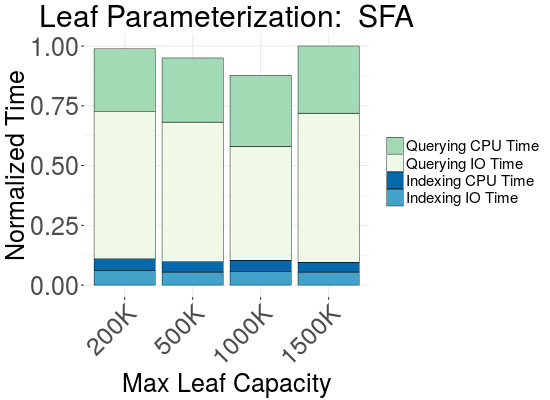
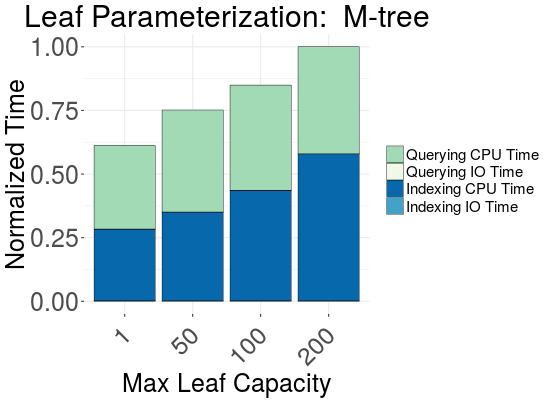
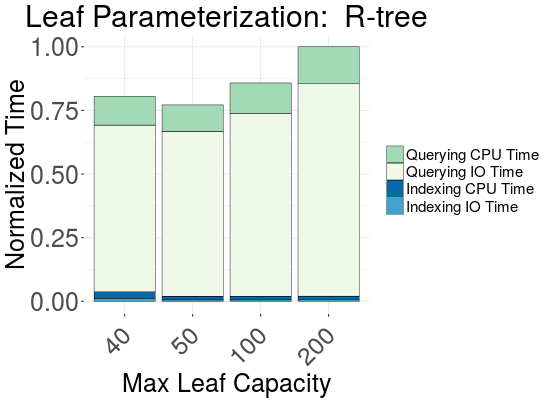
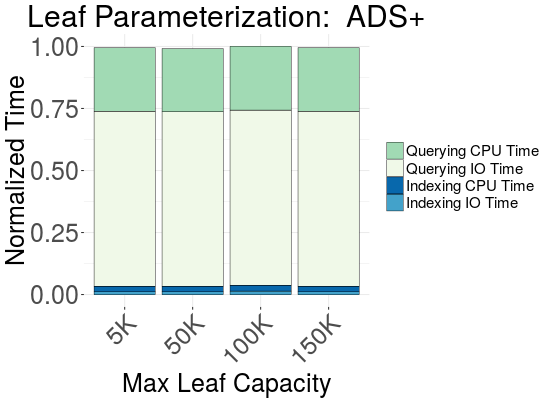
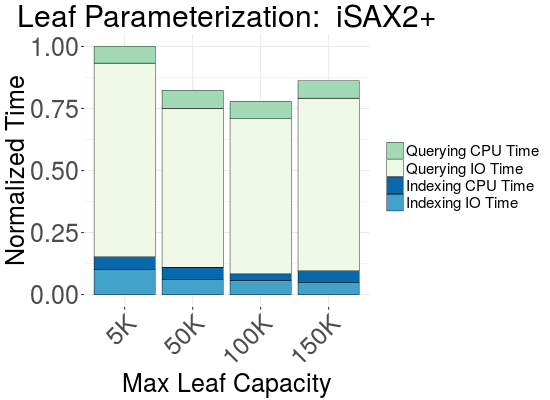
**Karima Echihabi, Kostas Zoumpatianos, Themis Palpanas, Houda Benbrahim**

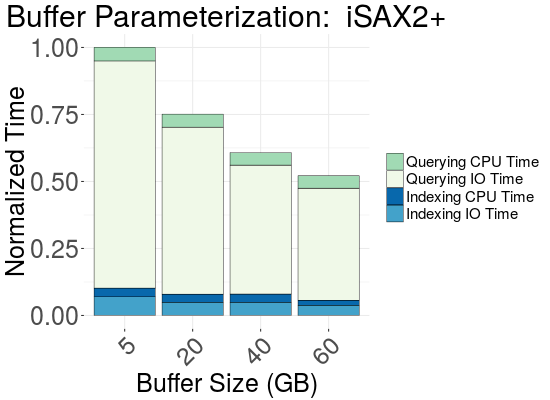
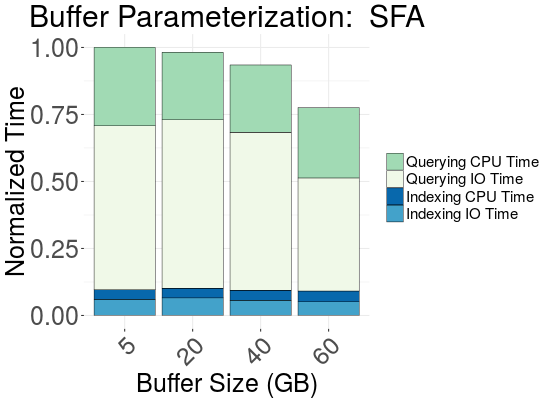
Leaf Size Parameterization

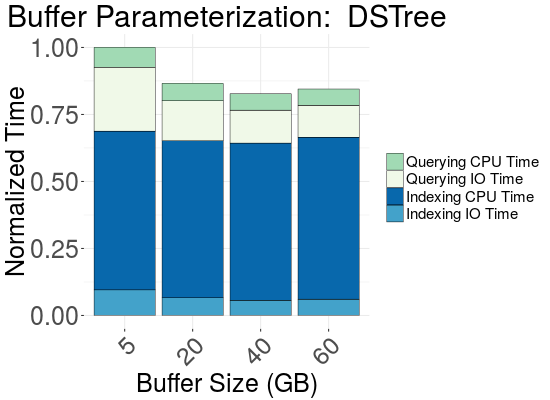
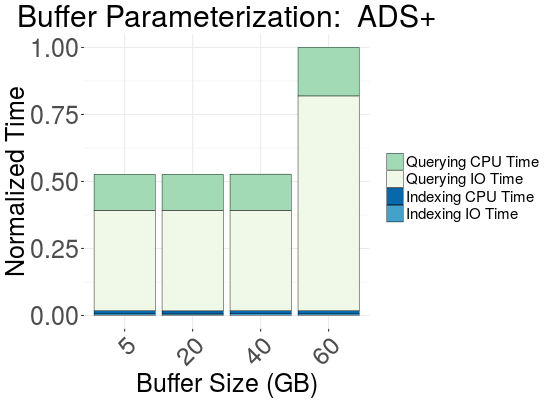






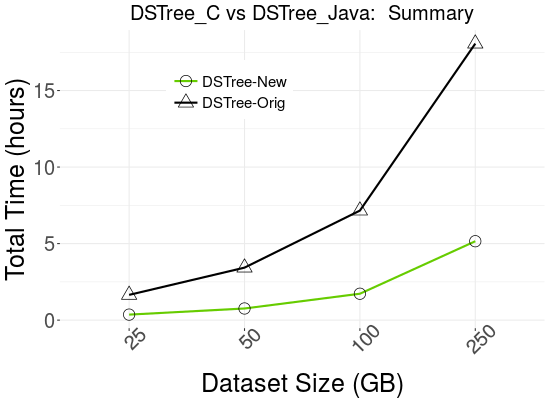
Buffer Size Parameterization



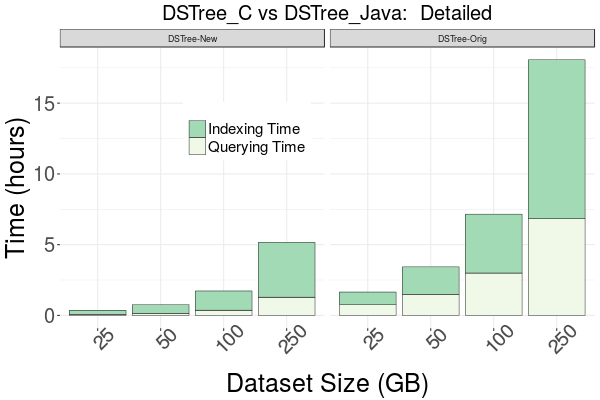


New DSTree Performance Improvements

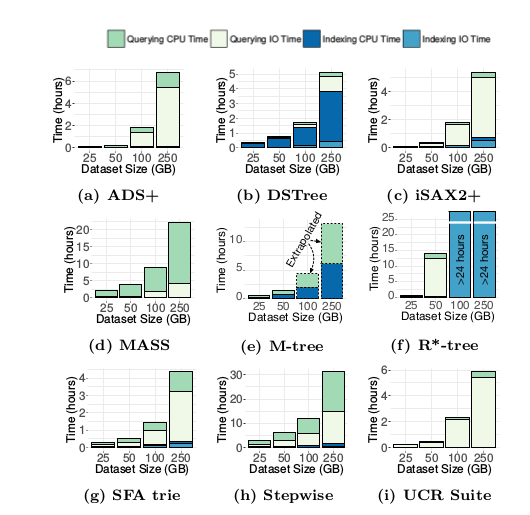
Combined Indexing and Querying Times

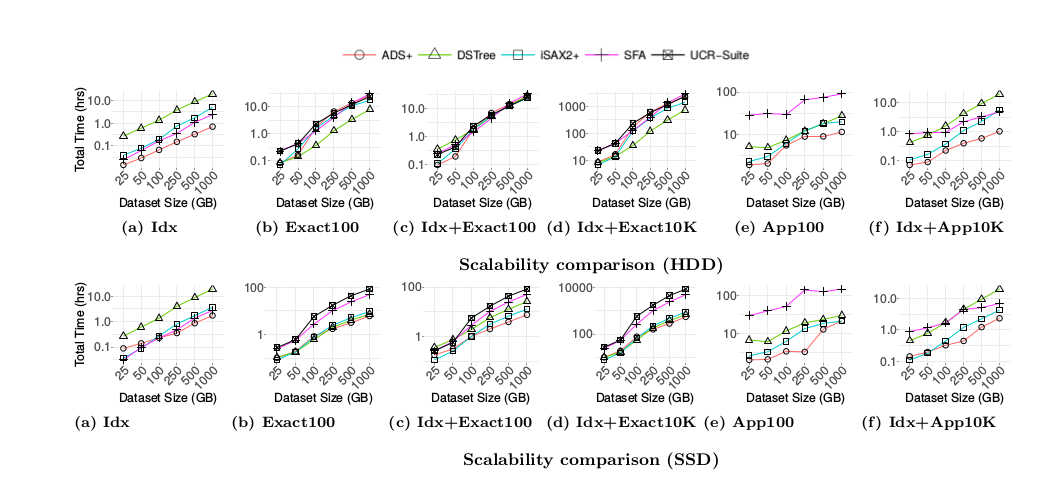


Detailed Indexing and Querying Times

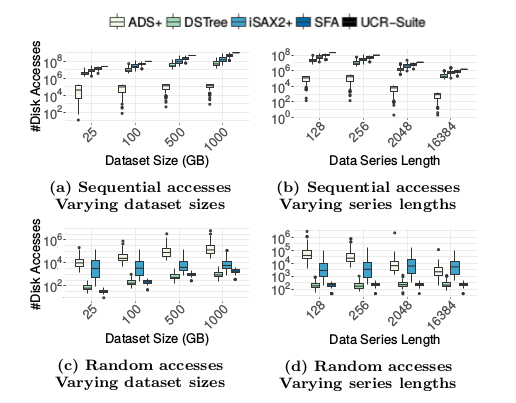


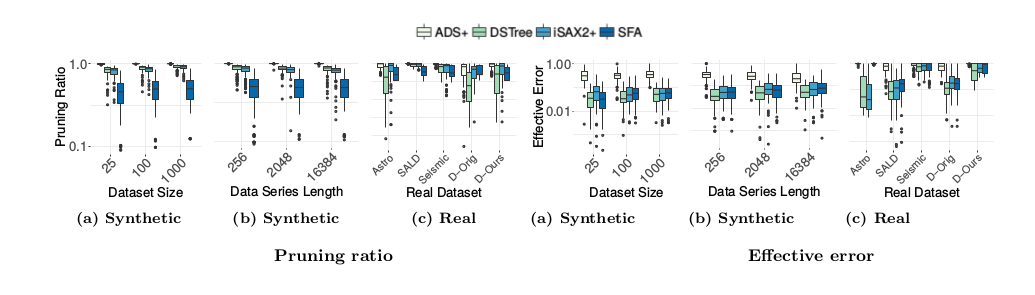
Scalability and Search Efficiency vs. Datasize





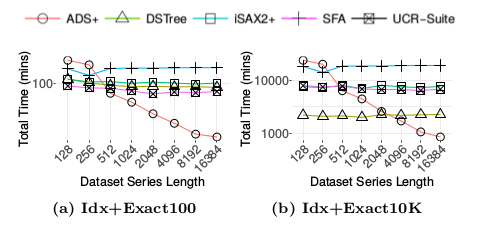
Comparison of Disk Accesses



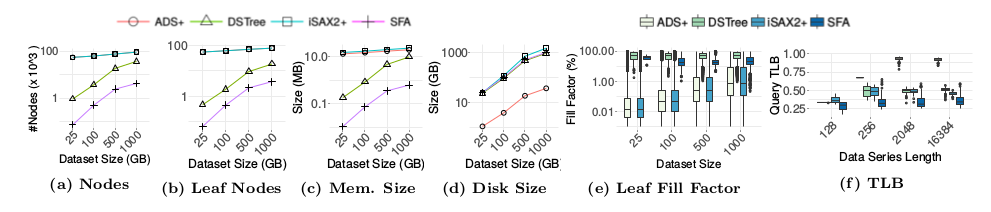


Comparison of Pruning and Effective Error

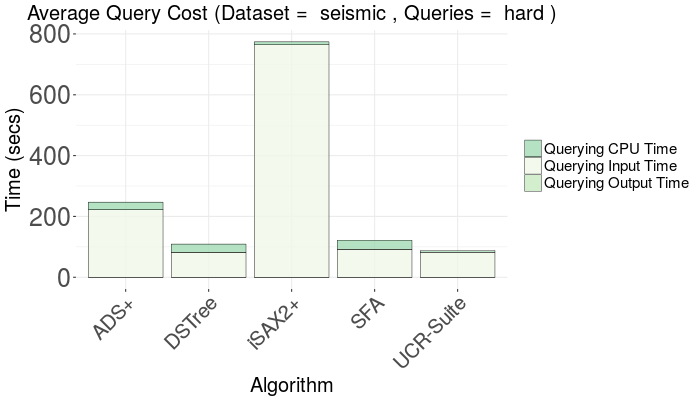
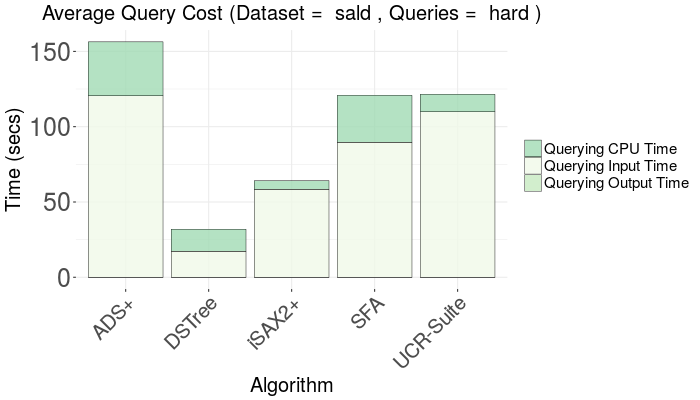
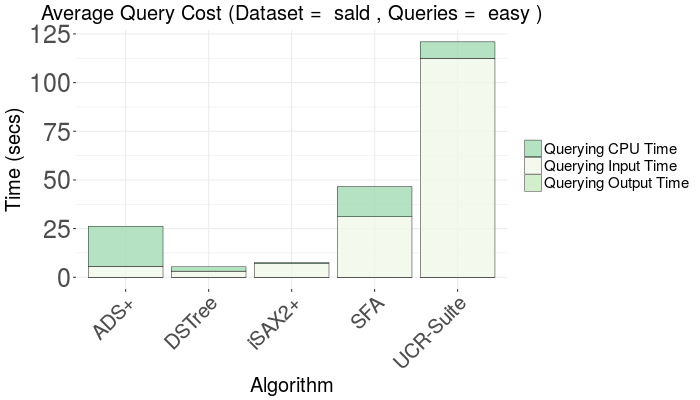
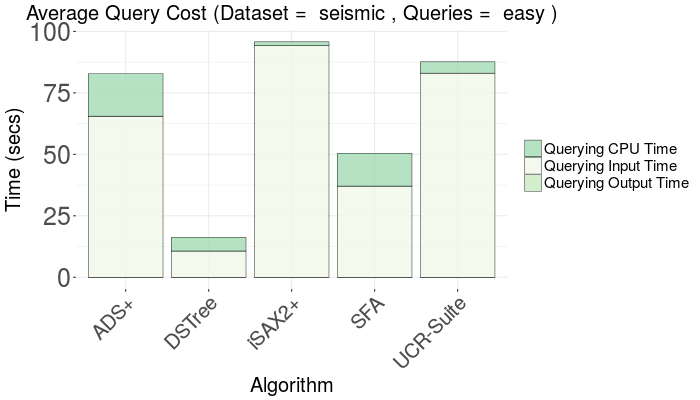
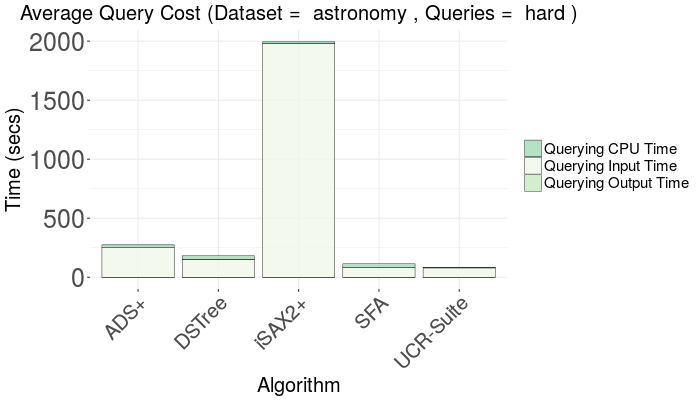
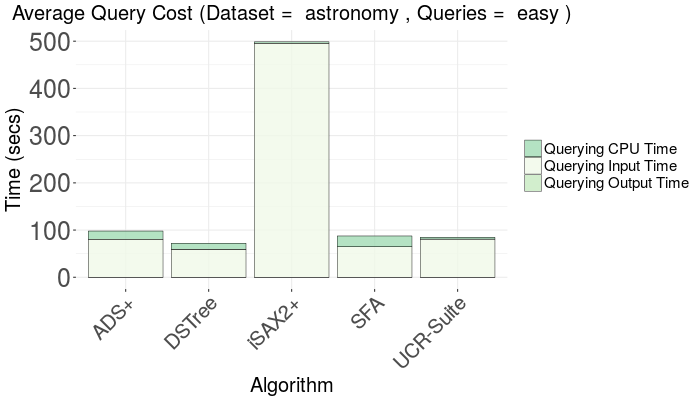
Scalability and Search Efficiency vs. Length

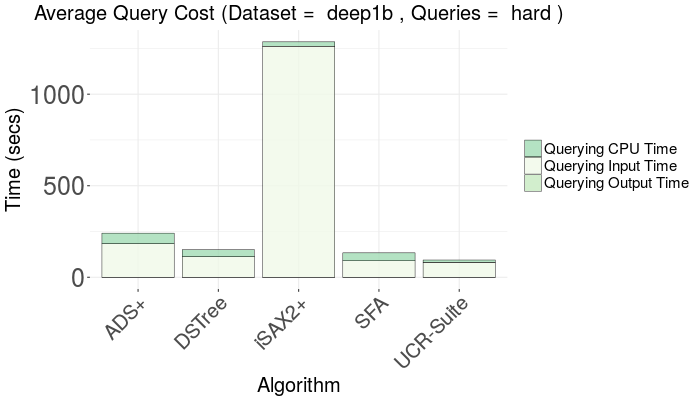
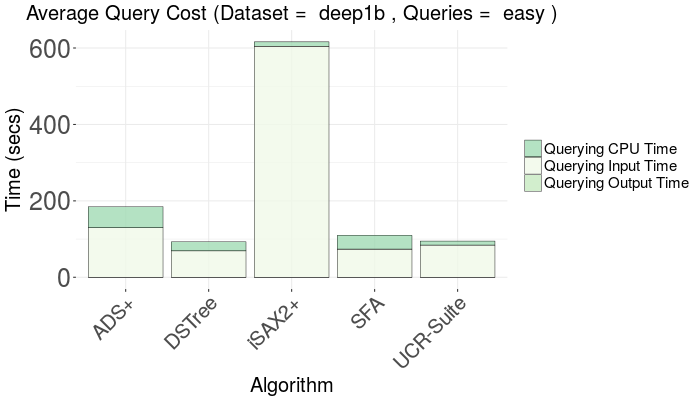


Memory/Disk Footprint + TLB

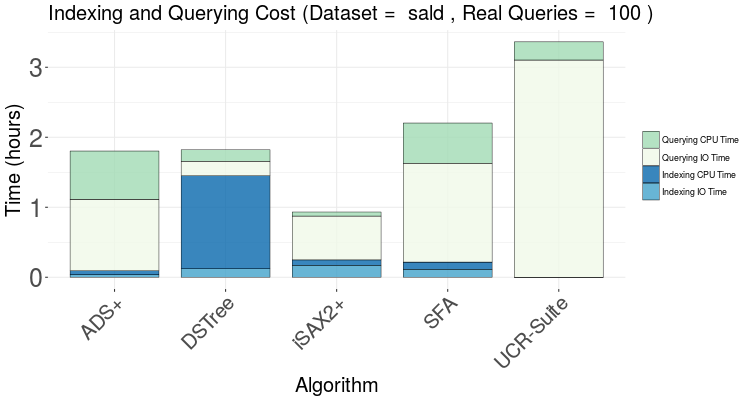
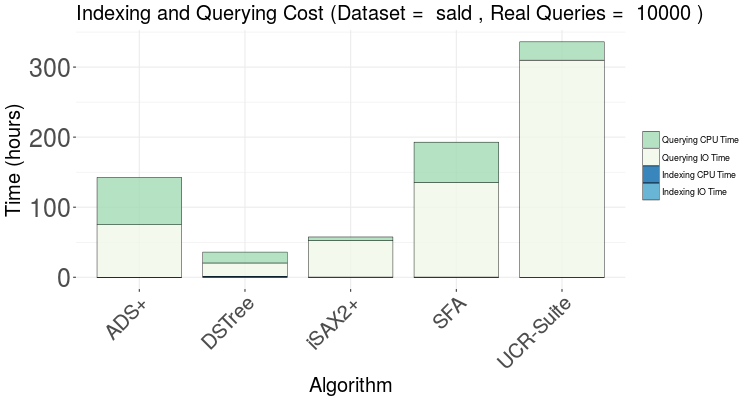


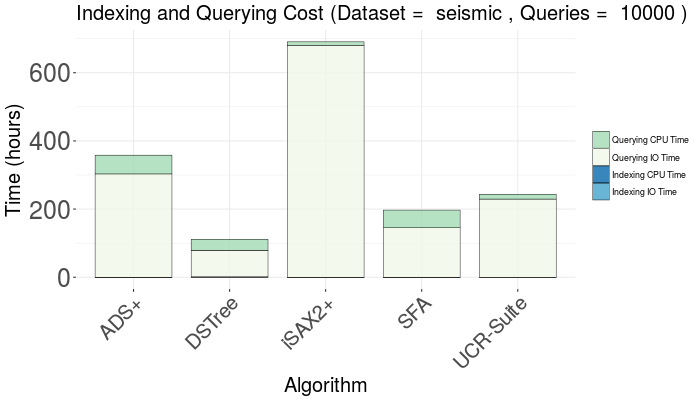
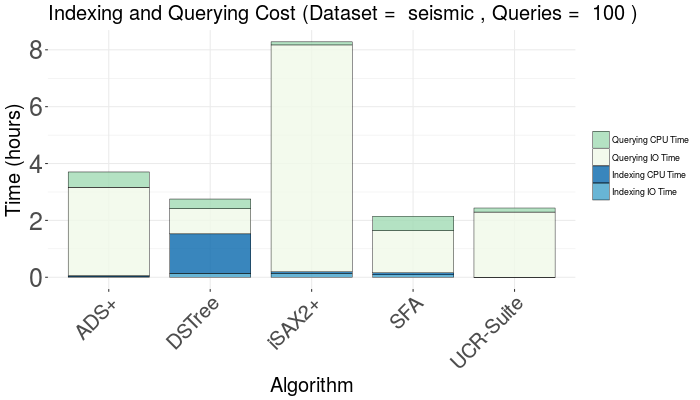
Real Data Experiments-Average Query Time-HDD

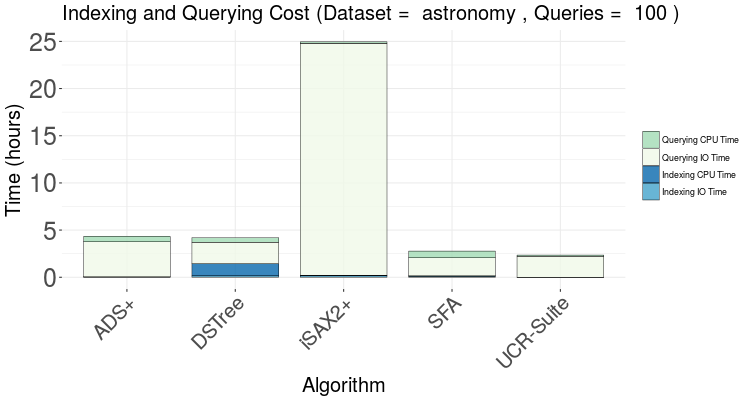
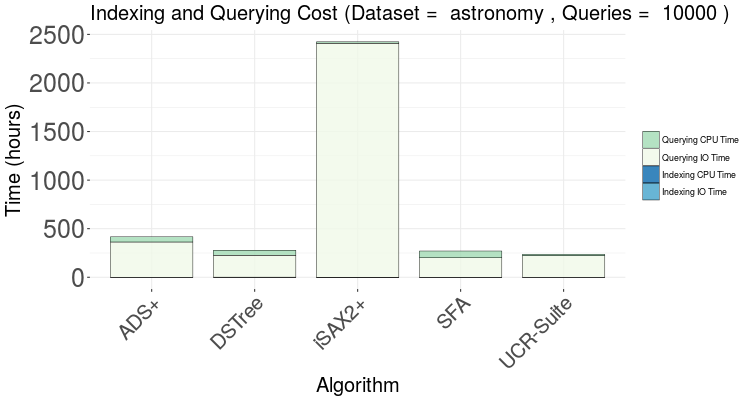


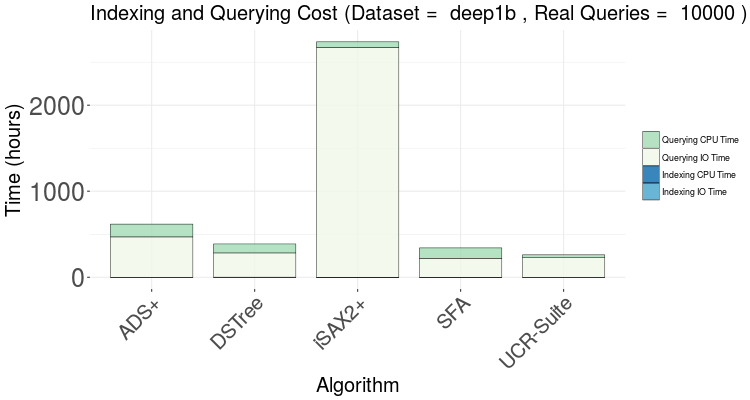
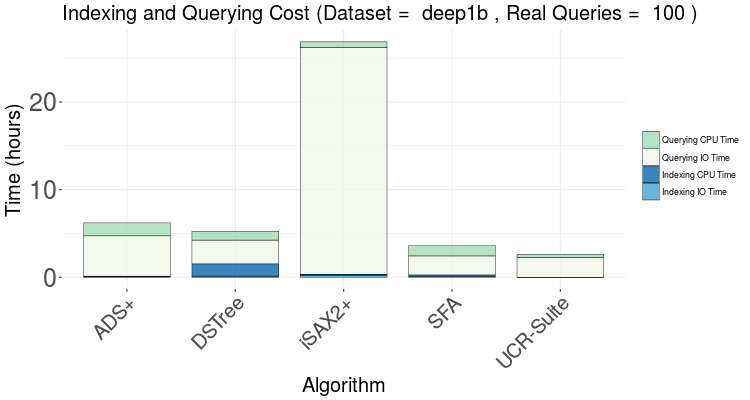


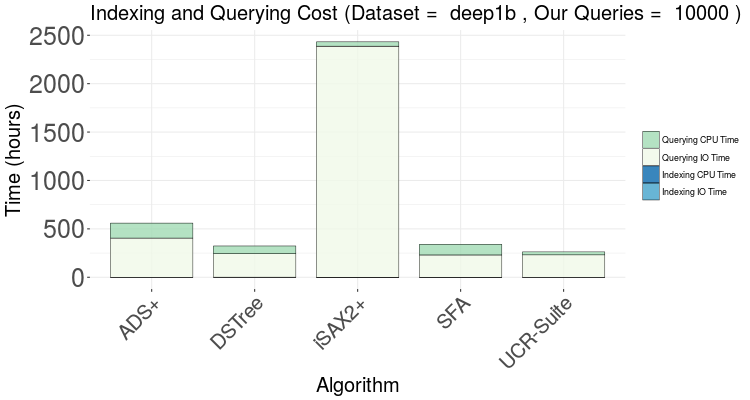
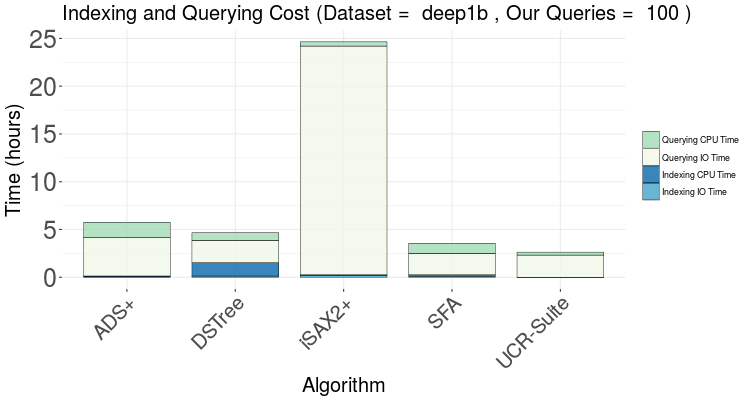
Real Data Experiments-Total Workload Time-HDD



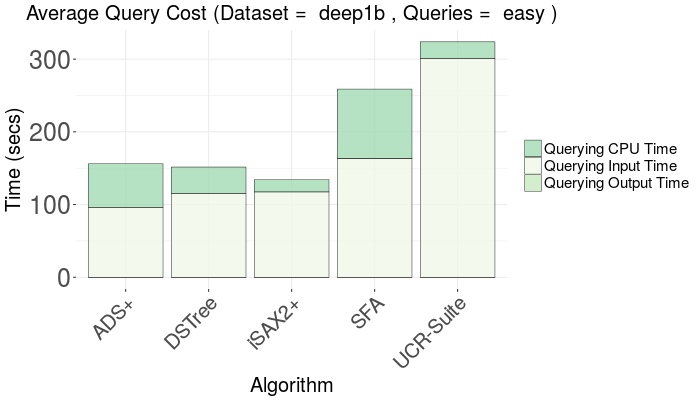
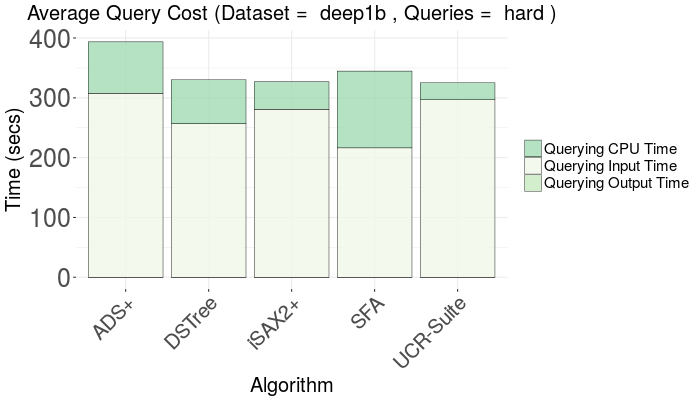


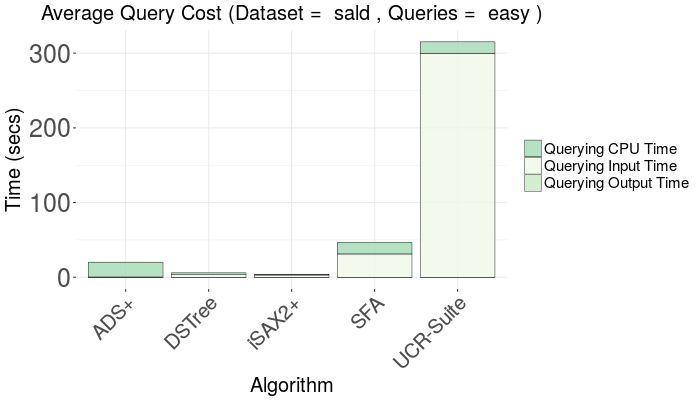
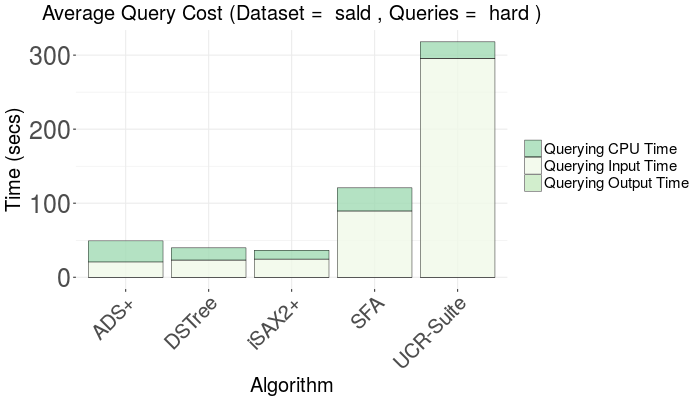


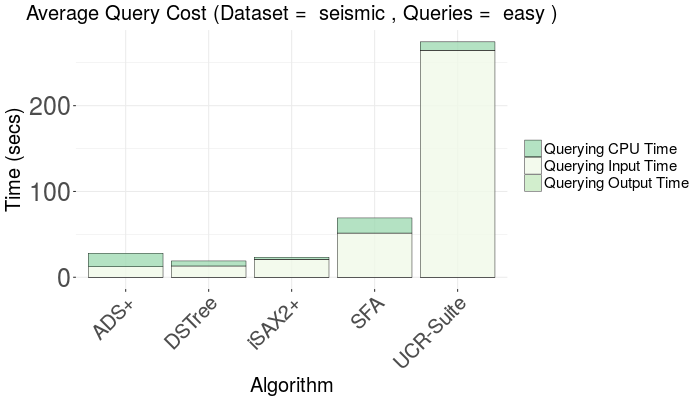
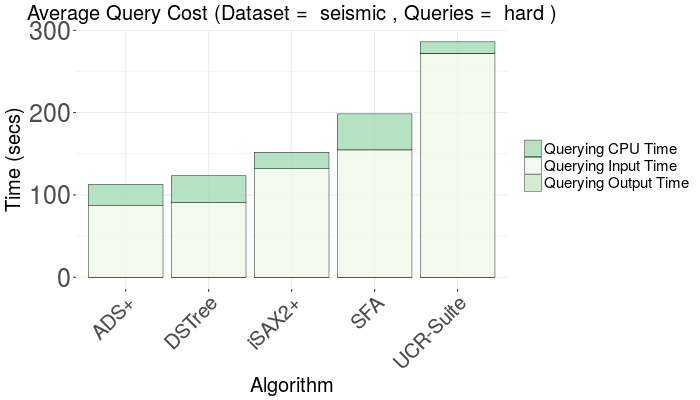


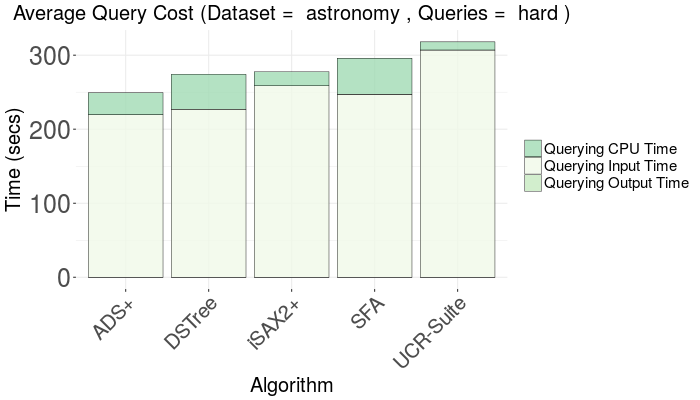
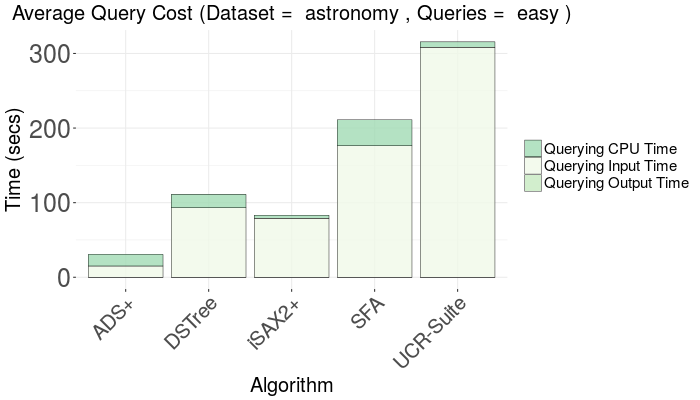


Real Data Experiments-Average Query Time-SSD









Real Data Experiments-Total Workload Time-SSD

