

Table 1: Performance of policies under different workloads using SQLite engine on TPC-H dataset (SF = 1) without data compression, QB: query blocking.

Metrics	Low-19						High-19					
	QI-P	TW-P	RbC	SSC	VoM	TW-LC	QI-P	TW-P	RbC	SSC	VoM	TW-LC
P99 startup time (s)	42.90	2.21	2.75	7.85	4.57	2.81	QB	6.01	7.32	15.24	11.52	7.56
Avg startup time (s)	2.65	0.32	0.36	0.82	0.37	0.35	QB	0.39	0.42	0.73	0.61	0.47
P99 latency (s)	49.15	9.02	9.76	15.18	11.35	9.87	QB	8.90	10.95	19.83	14.42	11.21
Avg latency (s)	6.25	3.51	3.68	8.15	3.89	3.70	QB	3.94	4.00	8.21	4.10	4.05
Resource utilization (%)	7.96	21.03	25.84	32.84	30.89	31.07	QB	29.12	33.26	43.15	41.86	40.71
Loaded data volume (GB)	86.38	7.32	8.67	20.18	11.25	8.95	QB	21.73	28.45	64.35	48.78	32.34
Metrics	High-21						Peak-21					
	QI-P	TW-P	RbC	SSC	VoM	TW-LC	QI-P	TW-P	RbC	SSC	VoM	TW-LC
P99 startup time (s)	QB	5.83	7.15	17.47	13.21	8.73	QB	12.23	14.08	23.85	18.76	14.23
Avg startup time (s)	QB	0.43	0.54	1.08	0.72	0.66	QB	0.85	0.91	1.65	1.21	0.95
P99 latency (s)	QB	9.97	11.86	25.21	17.16	12.68	QB	19.60	21.18	30.67	24.16	21.52
Avg latency (s)	QB	4.08	4.12	5.84	4.36	4.15	QB	4.52	4.64	6.82	4.98	4.72
Resource utilization (%)	QB	20.17	25.95	37.92	35.33	35.47	QB	39.26	46.72	57.84	55.29	55.03
Loaded data volume (GB)	QB	30.07	36.24	68.26	58.41	43.53	QB	25.32	26.88	32.17	30.63	27.59