

scale	workers	run	query	no	4MB	64kB	64MB	pglz	4MB	64kB	64MB	lz4	4MB	64kB	64MB	pglz	4MB	64kB	64MB	lz4	4MB	64kB	64MB
10	0	1		1	16.98	17.34	16.99	16.93	17.70	17.27	17.07	17.20	17.11	100%	102%	102%	100%	102%	102%	101%	99%	101%	101%
				2	2.16	4.09	2.16	2.15	4.09	2.15	2.15	4.11	2.15	100%	100%	99%	100%	100%	100%	100%	101%	100%	100%
				3	6.70	7.67	5.64	15.86	9.75	5.63	7.62	7.74	5.54	237%	127%	100%	114%	101%	98%	114%	101%	98%	98%
				4	5.57	5.53	4.52	9.12	9.47	4.65	5.70	5.79	4.51	164%	171%	103%	102%	105%	100%	102%	105%	100%	100%
				5	6.30	8.20	4.83	12.22	27.62	4.92	6.78	10.49	4.91	194%	337%	102%	108%	128%	102%	108%	128%	102%	102%
				6	2.55	2.55	3.37	2.57	2.59	3.37	2.54	2.60	3.38	101%	102%	100%	99%	102%	100%	99%	102%	100%	100%
				7	4.72	6.09	5.01	7.27	16.96	4.89	4.84	7.02	4.94	154%	279%	98%	103%	115%	99%	103%	115%	99%	100%
				8	25.36	25.17	25.33	26.27	26.63	25.32	25.41	25.24	25.34	104%	106%	100%	100%	100%	100%	100%	100%	100%	100%
				9	7.94	55.10	9.29	16.83	61.35	16.64	8.46	55.51	9.85	212%	111%	179%	107%	101%	106%	107%	101%	106%	100%
				10	5.57	5.66	4.86	8.75	9.58	4.88	5.85	6.08	4.88	157%	169%	101%	105%	107%	100%	105%	107%	100%	100%
				11	2.63	2.63	2.66	2.63	2.62	2.66	2.63	2.62	2.66	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
				12	5.77	5.73	5.68	8.50	9.11	5.69	5.90	5.91	5.62	147%	159%	100%	102%	103%	99%	102%	103%	99%	99%
				13	4.91	19.47	8.60	8.35	19.48	8.66	5.07	19.53	8.56	170%	100%	101%	103%	100%	100%	103%	100%	100%	100%
				14	3.19	3.18	3.24	3.98	3.99	3.64	3.25	3.23	3.27	125%	125%	112%	102%	101%	101%	102%	101%	101%	100%
				15	5.70	5.41	4.64	5.66	5.51	4.62	5.77	5.45	4.62	99%	102%	100%	101%	101%	100%	101%	101%	100%	100%
				16	2.39	2.58	2.37	2.36	2.65	2.38	2.41	2.57	2.40	99%	103%	101%	101%	99%	101%	101%	99%	101%	100%
				17	12.82	20.29	20.19	12.90	20.20	20.30	12.84	20.00	20.27	101%	100%	101%	100%	99%	100%	100%	99%	100%	100%
				18	13.67	13.20	13.15	13.94	13.46	13.16	13.16	13.13	13.14	102%	102%	100%	96%	99%	100%	96%	99%	100%	100%
				19	10.01	10.02	10.01	10.00	10.00	10.01	10.00	10.01	10.00	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
				20	9.31	10.79	11.93	9.48	8.60	11.91	9.42	6.31	11.93	102%	80%	100%	101%	59%	100%	101%	59%	100%	100%
				21	20.89	22.35	20.54	26.81	35.25	20.57	21.31	22.93	20.43	128%	158%	100%	102%	103%	99%	102%	103%	99%	99%
				22	0.61	0.62	0.61	0.62	0.61	0.62	0.62	0.62	0.62	101%	98%	102%	101%	99%	101%	101%	99%	101%	100%
		2		1	16.63	16.88	16.71	16.57	16.83	16.59	16.67	16.49	16.49	100%	100%	99%	100%	98%	99%	100%	98%	99%	100%
				2	1.45	1.82	1.46	1.44	1.82	1.45	1.46	1.83	1.46	100%	100%	100%	101%	101%	100%	101%	101%	100%	100%
				3	5.96	6.69	4.67	15.22	8.90	4.69	7.00	6.81	4.71	255%	133%	101%	117%	102%	101%	117%	102%	101%	101%
				4	4.96	5.04	3.55	8.49	8.91	3.72	5.14	5.32	3.83	171%	177%	105%	104%	105%	108%	104%	105%	108%	100%
				5	5.91	7.73	3.77	11.91	27.25	3.80	6.20	9.92	4.09	202%	352%	101%	105%	128%	108%	105%	128%	108%	100%
				6	2.10	2.14	0.77	2.12	2.11	0.77	2.11	2.18	0.77	101%	99%	100%	100%	102%	100%	100%	102%	100%	100%
				7	4.10	5.56	4.07	6.70	16.48	4.01	4.23	6.45	4.21	163%	296%	99%	103%	116%	104%	103%	116%	104%	100%
				8	1.72	1.60	1.56	2.71	3.11	1.56	1.79	1.72	1.57	157%	194%	99%	104%	107%	100%	104%	107%	100%	100%
				9	7.17	10.23	8.67	16.23	16.41	16.00	7.89	10.52	9.17	226%	160%	185%	110%	103%	106%	110%	103%	106%	100%
				10	4.92	4.98	3.88	8.23	9.14	4.06	5.27	5.52	4.00	167%	184%	105%	107%	111%	103%	107%	111%	103%	100%
				11	0.42	0.42	0.45	0.42	0.41	0.45	0.42	0.41	0.45	100%	98%	99%	100%	98%	99%	100%	98%	99%	100%
				12	5.13	5.25	4.85	7.78	8.58	5.03	5.29	5.51	4.83	152%	163%	104%	103%	105%	100%	103%	105%	100%	100%
				13	4.70	9.32	8.08	8.14	9.30	8.08	4.86	9.38	8.11	173%	100%	100%	103%	101%	100%	103%	101%	100%	100%
				14	1.61	1.71	0.95	2.53	2.59	1.41	1.68	1.76	0.99	158%	152%	148%	104%	103%	104%	104%	103%	104%	100%
				15	5.26	4.99	2.50	5.27	5.06	2.51	5.31	5.01	2.52	100%	102%	100%	101%	100%	101%	100%	101%	100%	100%
				16	2.24	2.43	2.29	2.24	2.47	2.31	2.25	2.38	2.30	100%	102%	101%	101%	98%	100%	101%	98%	100%	100%
				17	12.10	19.41	19.57	12.11	19.46	19.50	12.36	19.36	19.54	100%	100%	100%	102%	100%	100%	102%	100%	100%	100%
				18	12.43	11.96	11.94	12.75	12.28	11.98	12.04	11.91	11.99	103%	103%	100%	97%	100%	100%	97%	100%	100%	100%
				19	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.36	0.35	98%	99%	100%	99%	101%	101%	99%	101%	101%	100%
				20	6.57	8.97	9.26	6.76	6.70	9.25	6.61	4.95	9.19	103%	75%	100%	101%	55%	99%	101%	55%	99%	100%
				21	8.75	9.98	8.25	14.70	23.11	8.26	9.07	10.77	8.27	168%	232%	100%	104%	108%	100%	104%	108%	100%	100%
				22	0.59	0.59	0.59	0.58	0.59	0.59	0.60	0.59	0.59	99%	100%	100%	102%	100%	100%	102%	100%	100%	100%
	4	1		1	3.74	3.71	3.77	3.73	3.70	3.72	3.77	3.74	3.74	100%	100%	99%	101%	101%	99%	101%	101%	99%	100%
				2	1.98	3.92	1.98	1.98	3.91	1.99	1.98	3.92	1.97	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
				3	2.27	2.30	1.98	2.27	2.30	1.98	2.30	2.29	1.98	100%	100%	100%	102%	100%	100%	102%	100%	100%	100%
				4	9.69	9.50	10.46	9.43	9.53	10.52	10.13	9.51	10.41	97%	100%	101%	105%	100%	99%	105%	100%	99%	100%
				5	2.92	7.06	3.46	2.93	7.01	3.45	2.94	7.06	3.45	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%
				6	1.24	1.22	2.84	1.21	1.22	2.87	1.21	1.24	2.81	98%	99%	101%	98%	101%	99%	98%	101%	99%	100%
				7	9.23	6.83	10.44	10.03	6.83	9.17	10.17	6.97	7.71	109%	100%	88%	110%	102%	74%	110%	102%	74%	100%
				8	14.50	34.26	13.42	14.56	34.30	13.35	14.47	34.27	13.41	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%
				9	18.78	18.85	18.79	18.83	18.85	18.85	18.84	18.81	18.74	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
				10	2.75	8.65	3.18	2.74	8.65	3.18	2.72	8.66	3.17	100%	100%	100%	99%	100%	100%	99%	100%	100%	100%
				11	2.60	2.59	2.63	2.60	2.59	2.63	2.60	2.59	2.63	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
				12	3.21	3.64	3.25	3.37	3.64	3.21	3.26	3.64	3.20	105%	100%	99%	102%	100%	98%	102%	100%	98%	100%
				13	5.16	5.16	8.59	5.15	5.16	8.64	5.16	5.18	8.68	100%	100%	101%	100%	100%	101%	100%	100%	101%	100%
				14	2.38	2.41	2.46	2.36	2.38	2.45	2.34	2.37	2.43	99%	99%	100%	98%	98%	99%	98%	98%	99%	100%
				15	2.38	2.25	4.00	2.38	2.26	4.01	2.38	2.27	3.96	100%	101%	100%	100%	101%	99%	100%	101%	99%	100%
				16	0.75	0.79	0.71	0.72	0.79	0.71	0.72	0.79	0.72	97%	99%	100%	97%	100%	101%	97%	100%	101%	100%
				17	5.38	6.01	9.71	5.37	6.00	9.65	5.38	6.03	9.63	100%	100%	99%	100%	100%	99%				

				13	23.43	35.45	42.92	40.40	52.98	56.08	23.70	36.19	43.61	172%	149%	131%	101%	102%	102%
				14	15.25	15.36	16.00	19.51	19.50	19.54	15.61	15.67	16.30	128%	127%	122%	102%	102%	102%
				15	27.23	27.12	28.66	28.45	27.17	29.61	27.25	28.13	28.48	104%	100%	103%	100%	104%	99%
				16	12.42	13.07	12.74	12.47	12.97	12.72	12.45	12.98	12.68	100%	99%	100%	100%	99%	99%
				17	78.67	105.55	111.12	79.08	105.88	111.53	79.98	104.61	113.33	101%	100%	100%	102%	99%	102%
				18	64.63	64.77	64.43	66.46	67.14	66.18	64.78	64.84	64.70	103%	104%	103%	100%	100%	100%
				19	49.51	49.50	49.50	49.49	49.49	49.48	49.50	49.53	49.50	100%	100%	100%	100%	100%	100%
				20	122.54	117.07	97.63	162.67	179.45	97.87	154.04	148.70	97.45	133%	153%	100%	126%	127%	104%
				21	104.99	112.03	106.22	135.89	183.13	134.65	105.90	116.45	107.59	129%	163%	127%	101%	104%	101%
				22	2.98	3.00	3.00	3.01	3.01	2.94	2.99	3.01	3.01	101%	100%	98%	100%	100%	100%
			2	1	82.44	82.15	82.23	82.87	83.30	82.28	82.45	82.30	83.70	101%	101%	100%	100%	100%	102%
				2	7.75	9.64	5.86	16.55	20.45	5.85	8.40	10.18	6.00	214%	212%	100%	108%	106%	102%
				3	35.23	35.54	33.90	45.39	46.13	81.92	35.58	35.93	37.65	129%	130%	242%	101%	101%	111%
				4	24.28	23.95	30.75	43.77	43.70	40.28	25.05	25.39	31.33	180%	183%	131%	103%	106%	102%
				5	31.03	31.16	36.84	36.44	37.32	63.11	31.10	31.12	38.66	117%	120%	171%	100%	100%	105%
				6	10.46	10.92	11.00	10.36	10.39	10.40	10.51	10.30	10.44	99%	95%	95%	101%	94%	95%
				7	20.11	26.85	20.88	39.31	85.41	23.95	21.04	30.69	20.81	196%	318%	115%	105%	114%	100%
				8	10.72	10.55	12.16	18.26	18.50	12.44	11.11	11.19	12.14	170%	175%	102%	104%	106%	100%
				9	58.35	73.50	52.26	179.16	289.65	92.99	50.65	87.86	54.16	307%	394%	178%	87%	120%	104%
				10	23.80	24.55	29.24	44.79	45.37	38.74	26.31	26.75	29.90	188%	185%	133%	111%	109%	102%
				11	4.02	7.92	4.36	4.02	34.24	4.30	4.08	9.51	4.34	100%	432%	99%	102%	120%	100%
				12	25.30	26.22	26.38	42.03	42.48	26.56	26.17	26.46	26.46	166%	162%	101%	103%	101%	100%
				13	22.90	34.82	42.16	39.94	52.38	55.53	23.42	35.88	42.91	174%	150%	132%	102%	103%	102%
				14	8.43	8.56	8.00	13.12	13.06	12.22	8.82	8.97	8.30	156%	153%	153%	105%	105%	104%
				15	25.14	25.29	26.52	26.15	25.25	27.51	25.39	25.99	26.30	104%	100%	104%	101%	103%	99%
				16	11.72	12.38	12.41	11.75	12.17	12.41	11.60	12.23	12.43	100%	98%	100%	99%	99%	100%
				17	73.84	102.34	107.79	73.97	102.48	107.92	74.94	101.64	109.56	100%	100%	100%	101%	99%	102%
				18	61.97	63.22	62.66	65.43	65.40	63.96	63.82	62.20	62.90	106%	103%	102%	103%	98%	100%
				19	1.35	1.33	1.35	1.34	1.34	1.32	1.34	1.35	1.33	99%	100%	98%	99%	101%	99%
				20	110.33	107.32	83.93	150.86	148.37	84.53	139.35	139.84	83.88	137%	138%	101%	126%	130%	100%
				21	89.74	97.99	92.28	120.98	168.67	118.76	90.71	101.24	92.61	135%	172%	129%	101%	103%	100%
				22	2.85	2.91	2.85	2.90	2.88	2.85	2.90	2.89	2.87	102%	99%	100%	102%	100%	100%
			4	1	17.88	17.77	17.69	17.86	17.60	17.70	17.83	17.82	17.76	100%	99%	100%	100%	100%	100%
				2	4.27	5.96	6.05	4.27	5.93	6.09	4.25	5.92	5.97	100%	100%	101%	100%	99%	99%
				3	12.59	11.35	9.20	12.58	12.06	9.28	13.63	11.45	9.21	100%	106%	101%	108%	101%	100%
				4	48.79	44.72	52.89	49.22	44.65	51.37	49.84	44.95	52.26	101%	100%	97%	102%	101%	99%
				5	31.82	33.93	11.44	31.77	33.94	11.44	31.77	33.91	11.45	100%	100%	100%	100%	100%	100%
				6	5.31	5.29	5.30	5.31	5.27	5.26	5.32	5.32	5.32	100%	100%	99%	100%	101%	100%
				7	49.07	71.59	57.36	49.08	71.30	49.13	49.80	74.29	54.17	100%	100%	86%	101%	104%	94%
				8	167.28	180.79	64.51	167.20	180.29	64.39	167.32	180.28	64.57	100%	100%	100%	100%	100%	100%
				9	93.61	94.35	93.35	93.66	94.35	93.29	93.70	94.33	93.31	100%	100%	100%	100%	100%	100%
				10	41.23	12.25	15.52	41.25	12.17	15.52	41.21	12.13	15.51	100%	99%	100%	100%	99%	100%
				11	5.28	5.29	5.90	5.24	5.27	5.91	5.24	5.21	5.83	99%	100%	100%	99%	98%	99%
				12	13.69	15.98	8.57	13.51	15.91	8.64	13.68	15.74	8.57	99%	100%	101%	100%	99%	100%
				13	8.13	8.50	15.93	8.11	8.56	15.90	8.07	8.51	15.94	100%	101%	100%	99%	100%	100%
				14	10.98	11.02	11.33	10.88	10.92	11.21	10.76	10.87	11.15	99%	99%	99%	98%	99%	98%
				15	10.01	9.95	11.30	10.05	10.06	11.27	10.07	10.05	11.19	100%	101%	100%	101%	101%	99%
				16	13.49	14.10	12.16	18.18	19.14	12.11	13.83	14.30	12.09	135%	136%	100%	103%	101%	99%
				17	30.54	30.19	49.77	30.58	30.50	49.45	30.95	30.36	51.26	100%	101%	99%	101%	101%	103%
				18	108.85	113.33	110.10	110.15	109.60	109.98	109.03	109.85	114.23	101%	97%	100%	100%	97%	104%
				19	10.79	10.80	10.78	10.80	10.79	10.77	10.77	10.83	10.79	100%	100%	100%	100%	100%	100%
				20	15.82	16.46	35.36	16.17	16.65	35.21	15.89	16.46	35.46	102%	101%	100%	100%	100%	100%
				21	24.02	30.57	12.63	24.78	31.37	12.64	23.91	32.90	12.62	103%	103%	100%	100%	108%	100%
				22	2.46	1.60	1.42	2.49	1.53	2.78	2.32	1.64	2.87	102%	96%	196%	95%	102%	202%
			2	1	17.26	17.26	17.33	17.42	17.22	17.47	17.17	17.35	17.22	101%	100%	101%	99%	101%	99%
				2	3.66	5.05	5.21	3.70	5.11	5.18	3.69	5.08	5.11	101%	101%	100%	101%	101%	98%
				3	9.09	9.72	7.21	9.16	9.26	7.08	13.50	9.47	7.21	101%	95%	98%	148%	97%	100%
				4	2.06	2.04	4.63	2.06	2.02	4.63	2.06	2.03	4.63	100%	99%	100%	100%	99%	100%
				5	5.10	5.28	11.60	5.11	5.26	11.58	5.10	5.24	11.58	100%	100%	100%	100%	99%	100%
				6	2.80	2.75	2.77	2.74	2.75	2.76	2.73	2.78	2.72	98%	100%	100%	98%	101%	98%
				7	29.21	53.67	30.09	28.54	55.56	30.08	28.63	52.76	27.92	98%	104%	100%	98%	98%	93%
				8	33.17	34.14	35.92	33.30	34.36	36.06	33.22	34.25	36.55	100%	101%	100%	100%	100%	102%
				9	5.88	6.09	5.91	5.91	6.55	5.84	5.90	6.11	5.85	100%	108%	99%	100%	100%	99%
				10	7.86	12.37	15.63	7.94	12.29	15.59	7.86	12.27	15.66	101%	99%	100%	100%	99%	100%
				11	1.27	1.29	1.94	1.27	1.30	1.94	1.27	1.28	1.96	100%	100%	100%	100%	99%	101%
				12	7.40	7.47	6.72	7.43	7.46	6.78	7.44	7.53	6.75	100%	100%	101%	101%	101%	100%
				13	7.93	8.21	15.56	7.90	8.21	15.64	7.84	8.17	15.59	100%	100%	100%	99%	100%	100%
				14	3.76	3.82	4.39	3.76	3.80	4.35	3.72	3.83	4.37	100%	99%	99%	99%	100%	100%
				15	7.44	7.41	8.95	7.48	7.41	9.01	7.50	7.38	9.01	101%	100%	101%	101%	100%	101%
				16	13.13	13.64	11.67	18.03	18.89	11.72	13.42	13.99	11.65	137%	139%	100%	102%	103%	100%
				17	30.70	29.76	48.90	33.38	29.69	48.32	30.55	29.64	48.61	109%	100%	99%	100%	100%	99%
				18	112.75	116.38	105.14	115.58	113.67	103.27	114.54	111.77	107.83	103%	98%	98%	102%	96%	103%
				19	0.61	0.61	0.61	0.61	0.61	0.60	0.61	0.62	0.62	101%	100%	100%	101%	101%	102%
				20	11.95	12.39	31.52	12.04	12.69	31.70	11.91	12.55	31.63	101%	102%	101%	100%	101%	100%
				21	25.97	17.58	12.16	32.24	16.72	12.14	31.63	16.73	12.27	124%	95%	100%	122%	95%	101%
				22	0.71	0.73	0.71	0.71	0.72	0.71	0.71	0.72	0.72	100%	100%	99%	101%	99%	100%