

scale	workers	caching	query	master	master-geqo	master-goo	master-geqo	master-goo
1	0	cold	1	64.0	64.1	65.9	100%	103%
			2	0.6	0.5	0.6	97%	101%
			3	0.0	0.0	0.0	103%	99%
			4	300.0	75.3	300.0	25%	100%
			5	0.3	0.3	0.3	101%	101%
			6	37.6	38.3	36.8	102%	98%
			7	1.7	1.7	2.0	100%	115%
			8	0.2	0.3	0.2	127%	98%
			9	1.4	1.4	1.4	99%	99%
			10	1.6	0.3	0.3	20%	20%
			11	89.6	51.7	23.3	58%	26%
			12	0.1	0.1	0.1	96%	95%
			13	0.9	0.6	0.6	68%	68%
			14	10.7	10.8	11.0	100%	102%
			15	0.2	0.2	0.1	102%	25%
			16	0.8	0.8	0.9	103%	104%
			17	1.8	1.5	1.4	83%	82%
			18	1.6	1.3	1.4	82%	89%
			19	0.3	0.4	0.4	129%	122%
			20	0.1	0.1	0.1	103%	101%
			21	0.1	0.1	0.1	100%	123%
			22	2.0	2.1	2.5	102%	125%
			23	4.4	4.4	4.5	99%	102%
			24	0.1	0.1	0.0	113%	96%
			25	1.6	1.6	1.8	101%	112%
			26	1.4	1.4	1.4	100%	100%
			27	1.7	1.7	2.0	100%	115%
			28	1.2	1.2	1.2	100%	100%
			29	1.7	1.1	1.7	62%	99%
			30	4.7	4.7	4.6	99%	98%
			31	3.1	3.3	300.0	104%	9641%
			32	0.0	0.0	0.0	100%	96%
			33	0.4	0.4	0.4	103%	115%
			34	0.2	0.2	0.2	102%	110%
			35	2.5	2.5	2.5	101%	101%
			36	0.4	0.4	0.7	101%	158%
			37	0.0	0.0	0.0	110%	93%
			38	1.6	1.6	1.6	100%	99%
			39	2.0	2.0	2.7	100%	136%
			40	0.1	0.1	0.1	104%	101%
			41	0.5	0.5	0.5	103%	102%
			42	0.2	0.3	0.2	155%	99%
			43	0.2	0.3	0.3	106%	104%
			44	0.3	0.3	0.3	102%	101%
			45	0.3	0.3	0.2	101%	50%
			46	0.4	0.4	0.4	102%	102%
			47	1.5	1.4	1.7	99%	118%
			48	1.3	1.3	1.3	100%	101%
			49	0.2	0.2	0.2	99%	99%
			50	0.4	0.4	0.4	101%	101%
			51	0.7	0.7	0.7	99%	99%
			52	0.2	0.3	0.2	160%	99%
			53	0.5	0.5	0.5	101%	101%
			54	0.2	0.2	0.3	113%	166%
			55	0.2	0.2	0.2	100%	99%
			56	2.8	2.8	2.8	100%	100%
			57	0.6	0.6	0.6	100%	100%
			58	0.1	0.2	0.1	106%	99%
			59	0.7	0.7	0.7	100%	96%
			60	3.2	3.2	3.1	100%	99%
			61	0.0	0.0	0.0	239%	101%
			62	0.2	0.2	0.2	104%	126%
			63	0.5	0.5	0.5	101%	102%
			64	0.6	0.6	0.6	98%	97%
			65	0.5	0.5	0.6	96%	113%
			66	0.3	0.3	0.3	104%	98%
			67	2.4	2.4	2.6	99%	107%
			68	0.4	0.4	0.4	103%	84%
			69	0.4	0.5	1.0	105%	244%

scale	workers	caching	query	master	master-geqo	master-goo	master-geqo	master-goo
			70	0.5	0.5	0.5	103%	94%
			71	0.5	0.5	0.5	99%	99%
			72	5.9	6.0	1.1	102%	19%
			73	0.2	0.2	0.2	89%	93%
			74	221.7	69.6	300.0	31%	135%
			75	0.9	0.9	0.9	102%	99%
			76	0.2	0.2	0.2	100%	97%
			77	0.3	0.3	0.3	112%	101%
			78	1.8	1.8	1.8	102%	101%
			79	0.2	0.2	0.4	98%	170%
			80	0.5	0.5	0.5	101%	100%
			81	3.7	3.7	3.6	101%	99%
			82	0.0	0.0	0.1	112%	598%
			83	0.2	0.2	0.2	101%	99%
			84	0.1	0.1	0.0	115%	46%
			85	0.2	0.2	0.2	112%	103%
			86	0.3	0.3	0.2	101%	63%
			87	1.6	1.6	1.6	99%	100%
			88	1.0	1.0	1.0	101%	103%
			89	0.3	0.3	0.3	99%	100%
			90	0.2	0.2	0.2	99%	96%
			91	0.2	0.2	0.2	108%	100%
			92	0.1	0.1	0.1	104%	98%
			93	0.8	0.8	0.8	100%	100%
			94	0.1	0.1	0.1	101%	115%
			95	9.9	9.6	11.4	98%	116%
			96	0.2	0.2	0.2	101%	101%
			97	0.5	0.4	0.4	97%	97%
			98	0.3	0.3	0.3	101%	99%
			99	0.2	0.2	0.2	99%	98%
		warm	1	64.2	65.4	66.7	102%	104%
			2	0.5	0.5	0.5	99%	100%
			3	0.0	0.0	0.0	110%	90%
			4	300.0	76.3	300.0	25%	100%
			5	0.2	0.2	0.2	101%	100%
			6	37.1	37.7	36.3	102%	98%
			7	0.5	0.6	0.8	104%	151%
			8	0.2	0.2	0.2	121%	99%
			9	1.4	1.4	1.4	99%	99%
			10	0.4	0.0	0.0	11%	10%
			11	90.6	51.0	24.1	56%	27%
			12	0.1	0.1	0.1	102%	103%
			13	0.4	0.4	0.4	95%	95%
			14	10.5	10.4	10.6	100%	101%
			15	0.1	0.1	0.0	102%	69%
			16	0.7	0.7	0.7	99%	102%
			17	0.1	0.1	0.1	129%	109%
			18	0.3	0.1	0.3	42%	107%
			19	0.2	0.2	0.4	130%	227%
			20	0.0	0.0	0.0	103%	87%
			21	0.1	0.1	0.1	99%	131%
			22	1.9	1.9	2.4	100%	129%
			23	4.2	4.2	4.3	101%	103%
			24	0.0	0.0	0.0	140%	76%
			25	0.1	0.2	0.5	128%	350%
			26	0.2	0.2	0.3	103%	123%
			27	0.5	0.5	0.8	99%	160%
			28	1.1	1.1	1.1	100%	100%
			29	0.1	0.1	0.4	121%	435%
			30	4.6	4.6	4.7	99%	101%
			31	3.0	3.2	300.0	106%	9977%
			32	0.0	0.0	0.0	116%	103%
			33	0.3	0.3	0.3	103%	124%
			34	0.1	0.1	0.2	100%	104%
			35	0.6	0.6	0.6	103%	101%
			36	0.4	0.4	0.6	101%	161%
			37	0.0	0.0	0.0	115%	66%
			38	1.3	1.3	1.3	102%	102%
			39	1.9	1.9	2.6	101%	135%

scale	workers	caching	query	master	master-geqo	master-goo	master-geqo	master-goo
			40	0.0	0.0	0.0	101%	95%
			41	0.5	0.5	0.5	101%	103%
			42	0.1	0.2	0.1	134%	99%
			43	0.2	0.2	0.2	101%	102%
			44	0.3	0.3	0.3	99%	100%
			45	0.1	0.1	0.1	100%	120%
			46	0.3	0.3	0.3	102%	113%
			47	1.4	1.4	1.6	100%	116%
			48	0.5	0.4	0.5	100%	100%
			49	0.1	0.1	0.1	106%	100%
			50	0.0	0.0	0.0	110%	102%
			51	0.6	0.6	0.6	100%	100%
			52	0.1	0.2	0.1	133%	96%
			53	0.1	0.1	0.1	104%	112%
			54	0.0	0.0	0.0	120%	201%
			55	0.0	0.0	0.0	101%	107%
			56	0.1	0.1	0.1	106%	101%
			57	0.6	0.6	0.6	103%	103%
			58	0.0	0.0	0.0	108%	99%
			59	0.6	0.6	0.6	100%	94%
			60	0.4	0.4	0.4	102%	101%
			61	0.0	0.0	0.0	294%	87%
			62	0.2	0.2	0.2	101%	119%
			63	0.1	0.1	0.1	101%	103%
			64	0.4	0.4	0.4	100%	97%
			65	0.4	0.4	0.5	101%	109%
			66	0.2	0.2	0.2	103%	109%
			67	2.3	2.3	2.5	100%	107%
			68	0.2	0.2	0.3	104%	134%
			69	0.2	0.2	0.2	112%	136%
			70	0.5	0.5	0.4	100%	91%
			71	0.3	0.3	0.3	99%	99%
			72	2.3	2.4	0.4	102%	17%
			73	0.2	0.1	0.2	84%	88%
			74	223.5	69.4	300.0	31%	134%
			75	0.7	0.7	0.7	100%	99%
			76	0.1	0.1	0.1	102%	102%
			77	0.3	0.3	0.3	102%	101%
			78	1.5	1.5	1.5	100%	101%
			79	0.2	0.2	0.3	96%	179%
			80	0.3	0.3	0.3	101%	101%
			81	3.6	3.7	3.6	102%	101%
			82	0.0	0.0	0.0	103%	263%
			83	0.0	0.0	0.0	124%	96%
			84	0.0	0.0	0.0	228%	193%
			85	0.0	0.1	0.0	147%	94%
			86	0.2	0.2	0.2	103%	81%
			87	1.3	1.3	1.3	99%	100%
			88	0.8	0.9	0.9	102%	105%
			89	0.2	0.2	0.2	101%	103%
			90	0.1	0.1	0.1	104%	99%
			91	0.0	0.0	0.0	174%	96%
			92	0.1	0.1	0.1	101%	101%
			93	0.0	0.0	0.0	101%	100%
			94	0.1	0.1	0.1	108%	100%
			95	9.5	9.4	11.1	99%	117%
			96	0.1	0.1	0.1	99%	97%
			97	0.3	0.3	0.3	100%	100%
			98	0.2	0.2	0.2	100%	99%
			99	0.2	0.2	0.2	102%	102%
	4 cold		1	65.7	65.6	64.9	100%	99%
			2	0.2	0.2	0.2	100%	109%
			3	0.0	0.0	0.0	101%	93%
			4	300.0	92.0	300.0	31%	100%
			5	0.1	0.1	0.1	99%	97%
			6	39.1	36.2	37.6	92%	96%
			7	0.5	0.5	0.5	103%	100%
			8	0.1	0.1	0.1	115%	100%
			9	1.2	1.2	1.2	101%	100%

scale	workers	caching	query	master	master-geqo	master-goo	master-geqo	master-goo
			10	1.4	0.3	0.3	23%	23%
			11	91.2	51.5	24.2	56%	27%
			12	0.1	0.1	0.1	95%	96%
			13	0.1	0.1	0.1	103%	100%
			14	9.7	9.8	9.7	101%	100%
			15	0.2	0.2	0.0	100%	17%
			16	0.8	0.8	0.9	100%	104%
			17	1.2	0.7	0.9	59%	74%
			18	1.6	1.6	1.6	103%	100%
			19	0.1	0.2	0.3	111%	213%
			20	0.1	0.1	0.1	100%	100%
			21	0.1	0.1	0.1	111%	122%
			22	1.6	1.7	1.7	102%	101%
			23	2.1	2.1	2.2	101%	106%
			24	0.1	0.1	0.0	129%	97%
			25	1.3	0.7	1.7	56%	127%
			26	1.4	1.4	1.5	101%	113%
			27	0.4	0.4	0.4	101%	100%
			28	0.4	0.4	0.4	100%	100%
			29	1.2	0.7	1.7	58%	136%
			30	4.7	4.8	4.8	103%	101%
			31	2.7	2.9	300.0	106%	11035%
			32	0.0	0.0	0.0	101%	90%
			33	0.2	0.2	0.3	106%	178%
			34	0.1	0.1	0.1	104%	102%
			35	1.8	1.8	1.8	101%	100%
			36	0.2	0.2	0.2	104%	86%
			37	0.0	0.0	0.0	107%	98%
			38	0.6	0.6	0.6	101%	101%
			39	1.5	1.5	1.5	99%	99%
			40	0.1	0.1	0.1	104%	99%
			41	0.5	0.5	0.5	97%	99%
			42	0.1	0.1	0.1	103%	100%
			43	0.1	0.1	0.1	103%	103%
			44	0.3	0.3	0.3	98%	100%
			45	0.1	0.1	0.1	105%	93%
			46	0.2	0.2	0.2	105%	100%
			47	0.6	0.6	0.6	99%	98%
			48	0.3	0.3	0.3	99%	100%
			49	0.1	0.1	0.1	101%	98%
			50	0.2	0.2	0.2	105%	102%
			51	0.5	0.5	0.5	98%	100%
			52	0.1	0.1	0.1	103%	97%
			53	0.3	0.3	0.3	98%	98%
			54	0.1	0.1	0.1	127%	127%
			55	0.2	0.2	0.2	101%	100%
			56	1.5	1.5	1.5	101%	100%
			57	0.4	0.4	0.4	103%	103%
			58	0.1	0.2	0.1	103%	98%
			59	0.3	0.3	0.2	97%	86%
			60	1.7	1.7	0.3	102%	17%
			61	0.0	0.0	0.0	160%	53%
			62	0.1	0.1	0.1	106%	102%
			63	0.3	0.3	0.3	99%	100%
			64	0.6	0.6	0.4	100%	79%
			65	0.4	0.4	0.4	99%	110%
			66	0.2	0.1	0.1	95%	74%
			67	1.2	1.2	1.2	101%	100%
			68	0.2	0.2	0.1	101%	58%
			69	0.8	1.5	1.5	176%	181%
			70	0.3	0.3	0.2	102%	80%
			71	0.3	0.3	0.3	104%	100%
			72	3.0	3.6	0.3	121%	11%
			73	0.1	0.1	0.1	101%	100%
			74	229.0	66.9	300.0	29%	131%
			75	0.4	0.4	0.4	101%	99%
			76	0.1	0.1	0.1	105%	100%
			77	0.1	0.2	0.1	105%	100%
			78	0.6	0.6	0.7	100%	115%

scale	workers	caching	query	master	master-geqo	master-goo	master-geqo	master-goo
			79	0.1	0.1	0.1	105%	100%
			80	0.2	0.2	0.2	113%	107%
			81	3.7	3.8	3.6	102%	98%
			82	0.0	0.0	0.1	112%	483%
			83	0.2	0.2	0.2	103%	99%
			84	0.1	0.1	0.0	145%	63%
			85	0.1	0.2	0.1	126%	95%
			86	0.1	0.1	0.1	103%	101%
			87	0.6	0.6	0.6	101%	100%
			88	1.3	1.4	1.4	101%	104%
			89	0.1	0.1	0.2	106%	179%
			90	0.1	0.1	0.1	108%	102%
			91	0.2	0.2	0.2	111%	99%
			92	0.0	0.0	0.0	101%	97%
			93	0.3	0.3	0.3	102%	100%
			94	0.1	0.1	0.1	121%	99%
			95	9.4	9.6	1.8	102%	19%
			96	0.1	0.1	0.1	90%	98%
			97	0.2	0.2	0.2	99%	101%
			98	0.1	0.1	0.1	98%	98%
			99	0.2	0.2	0.2	102%	100%
		warm	1	65.8	65.4	68.7	99%	104%
			2	0.1	0.1	0.1	98%	105%
			3	0.0	0.0	0.0	111%	102%
			4	300.0	92.1	300.0	31%	100%
			5	0.1	0.1	0.1	104%	101%
			6	38.1	36.0	36.6	94%	96%
			7	0.2	0.2	0.2	109%	102%
			8	0.1	0.1	0.1	129%	106%
			9	1.1	1.1	1.1	101%	101%
			10	0.2	0.0	0.0	21%	18%
			11	93.1	51.6	23.5	55%	25%
			12	0.0	0.0	0.0	98%	92%
			13	0.1	0.1	0.1	104%	104%
			14	9.4	9.4	9.4	100%	100%
			15	0.1	0.0	0.0	67%	52%
			16	0.7	0.7	0.7	103%	102%
			17	0.1	0.1	0.1	144%	81%
			18	0.2	0.2	0.2	125%	147%
			19	0.1	0.1	0.2	123%	351%
			20	0.0	0.0	0.0	93%	92%
			21	0.0	0.0	0.0	112%	118%
			22	1.6	1.6	1.6	101%	101%
			23	2.1	2.1	2.1	101%	100%
			24	0.0	0.0	0.0	191%	92%
			25	0.1	0.1	0.2	103%	174%
			26	0.1	0.2	0.2	107%	167%
			27	0.1	0.1	0.1	102%	99%
			28	0.4	0.4	0.4	100%	99%
			29	0.1	0.1	0.2	146%	294%
			30	4.6	4.7	4.7	100%	101%
			31	2.6	2.8	300.0	106%	11360%
			32	0.0	0.0	0.0	115%	101%
			33	0.1	0.1	0.2	110%	225%
			34	0.1	0.1	0.0	101%	96%
			35	0.4	0.4	0.4	100%	100%
			36	0.2	0.2	0.2	101%	86%
			37	0.0	0.0	0.0	93%	103%
			38	0.6	0.6	0.6	101%	100%
			39	1.4	1.4	1.4	100%	100%
			40	0.0	0.0	0.0	116%	100%
			41	0.5	0.5	0.5	100%	102%
			42	0.1	0.1	0.1	107%	104%
			43	0.1	0.1	0.1	103%	101%
			44	0.3	0.3	0.3	99%	100%
			45	0.0	0.0	0.1	115%	164%
			46	0.1	0.1	0.1	104%	101%
			47	0.6	0.6	0.6	100%	101%
			48	0.1	0.1	0.1	104%	103%

scale	workers	caching	query	master	master-geqo	master-goo	master-geqo	master-goo
			49	0.0	0.0	0.0	108%	99%
			50	0.0	0.0	0.0	121%	96%
			51	0.5	0.5	0.4	101%	98%
			52	0.1	0.1	0.1	100%	100%
			53	0.1	0.1	0.1	104%	102%
			54	0.0	0.0	0.0	111%	168%
			55	0.0	0.0	0.0	114%	98%
			56	0.1	0.1	0.1	111%	95%
			57	0.3	0.4	0.3	103%	100%
			58	0.0	0.0	0.0	124%	103%
			59	0.2	0.2	0.2	97%	83%
			60	0.2	0.2	0.2	103%	80%
			61	0.0	0.0	0.0	173%	49%
			62	0.0	0.1	0.0	109%	100%
			63	0.1	0.1	0.1	111%	109%
			64	0.4	0.4	0.3	100%	72%
			65	0.3	0.3	0.3	100%	117%
			66	0.1	0.1	0.1	113%	101%
			67	1.1	1.1	1.1	98%	100%
			68	0.1	0.1	0.1	111%	142%
			69	0.1	0.2	0.1	319%	248%
			70	0.3	0.3	0.2	100%	76%
			71	0.2	0.2	0.2	102%	97%
			72	1.3	1.6	0.1	121%	10%
			73	0.0	0.1	0.1	107%	116%
			74	225.9	68.6	300.0	30%	133%
			75	0.3	0.3	0.3	101%	101%
			76	0.1	0.1	0.1	103%	100%
			77	0.1	0.1	0.1	108%	102%
			78	0.6	0.6	0.6	98%	111%
			79	0.1	0.1	0.1	104%	101%
			80	0.1	0.1	0.1	127%	113%
			81	3.7	3.7	3.5	102%	97%
			82	0.0	0.0	0.0	131%	355%
			83	0.0	0.0	0.0	146%	115%
			84	0.0	0.0	0.0	281%	139%
			85	0.0	0.1	0.0	183%	91%
			86	0.1	0.1	0.1	102%	99%
			87	0.5	0.5	0.5	102%	101%
			88	1.3	1.3	1.4	101%	105%
			89	0.1	0.1	0.1	105%	222%
			90	0.0	0.0	0.0	106%	98%
			91	0.0	0.0	0.0	218%	98%
			92	0.0	0.0	0.0	105%	99%
			93	0.0	0.0	0.0	113%	97%
			94	0.0	0.1	0.0	125%	95%
			95	9.4	9.4	1.8	100%	19%
			96	0.0	0.0	0.0	104%	106%
			97	0.2	0.2	0.2	99%	98%
			98	0.1	0.1	0.1	98%	99%
			99	0.1	0.1	0.1	98%	98%
10	0	cold	1	300.0	300.0	300.0	100%	100%
			2	3.9	3.9	4.0	101%	104%
			3	0.3	0.3	0.3	101%	100%
			4	300.1	300.1	34.4	100%	11%
			5	2.7	2.7	2.7	100%	98%
			6	300.1	300.0	300.1	100%	100%
			7	2.2	2.3	3.3	106%	151%
			8	2.1	2.1	1.8	100%	83%
			9	11.1	11.1	11.1	100%	101%
			10	2.6	2.6	2.6	100%	103%
			11	300.1	192.0	19.2	64%	6%
			12	1.0	1.0	1.0	100%	99%
			13	4.3	4.3	4.3	101%	101%
			14	97.0	98.9	99.0	102%	102%
			15	1.5	1.5	0.4	100%	24%
			16	2.1	1.6	1.6	74%	73%
			17	10.6	10.7	10.4	100%	98%
			18	9.9	9.9	4.1	100%	41%

scale	workers	caching	query	master	master-geqo	master-goo	master-geqo	master-goo
			19	3.7	3.7	3.0	100%	83%
			20	0.5	0.5	0.5	99%	98%
			21	0.8	0.8	0.8	101%	102%
			22	21.5	21.2	21.1	99%	98%
			23	57.3	57.5	58.3	100%	102%
			24	1.6	1.6	2.1	100%	127%
			25	9.2	9.6	137.3	104%	1487%
			26	3.9	3.8	4.0	99%	105%
			27	2.2	2.3	2.3	107%	105%
			28	9.0	9.2	9.1	103%	101%
			29	10.5	10.7	3.3	102%	32%
			30	300.0	300.0	300.0	100%	100%
			31	13.8	12.7	11.0	92%	80%
			32	0.3	0.3	0.3	98%	100%
			33	3.0	3.0	3.0	102%	101%
			34	1.8	1.9	1.8	102%	98%
			35	20.1	20.2	20.1	101%	100%
			36	2.8	2.8	2.9	99%	102%
			37	0.1	0.1	0.8	103%	1402%
			38	6.6	6.7	6.7	102%	101%
			39	27.5	27.6	27.8	100%	101%
			40	0.7	0.7	0.7	100%	103%
			41	28.8	28.7	28.6	100%	100%
			42	2.6	2.5	2.6	98%	99%
			43	2.1	2.2	2.1	103%	101%
			44	1.1	1.1	1.1	100%	100%
			45	2.2	2.2	1.3	100%	58%
			46	2.5	2.4	2.5	95%	99%
			47	15.1	15.0	15.5	99%	102%
			48	5.6	5.6	5.8	100%	103%
			49	2.3	2.3	2.3	100%	100%
			50	4.3	4.3	4.3	100%	100%
			51	7.7	7.7	7.7	100%	100%
			52	2.6	2.6	2.6	100%	100%
			53	4.7	4.7	4.7	100%	101%
			54	9.1	9.1	9.9	100%	109%
			55	2.1	2.2	2.2	102%	102%
			56	28.3	28.3	28.6	100%	101%
			57	7.1	7.1	7.3	100%	104%
			58	0.7	0.7	0.7	100%	100%
			59	5.3	5.6	5.5	106%	104%
			60	12.0	12.1	10.7	101%	89%
			61	0.3	0.3	0.4	102%	118%
			62	1.2	1.2	2.0	99%	168%
			63	4.7	4.7	4.7	100%	101%
			64	5.1	5.1	15.4	100%	305%
			65	7.2	7.2	7.2	100%	100%
			66	2.1	1.9	2.1	92%	99%
			67	29.1	29.0	29.5	100%	102%
			68	2.4	2.4	2.2	100%	93%
			69	2.7	2.8	2.2	102%	81%
			70	5.1	5.1	4.0	100%	79%
			71	4.2	3.7	3.7	90%	89%
			72	7.7	8.3	8.3	108%	109%
			73	1.5	1.5	1.6	98%	107%
			74	300.0	300.0	300.0	100%	100%
			75	8.3	8.3	9.6	100%	115%
			76	2.4	2.4	2.3	99%	93%
			77	2.5	2.6	2.5	102%	99%
			78	9.4	9.6	9.6	101%	102%
			79	2.2	2.2	3.3	101%	152%
			80	4.5	3.7	4.6	81%	101%
			81	300.0	300.0	295.1	100%	98%
			82	0.1	0.1	2.6	102%	1840%
			83	1.7	1.7	1.8	100%	101%
			84	0.8	0.8	0.2	101%	25%
			85	1.9	2.1	2.1	113%	109%
			86	2.6	2.5	2.6	98%	98%
			87	6.1	6.1	6.1	101%	101%

scale	workers	caching	query	master	master-geqo	master-goo	master-geqo	master-goo
			88	8.7	8.6	10.3	99%	118%
			89	2.4	2.4	2.4	100%	102%
			90	1.2	1.1	1.2	93%	105%
			91	0.9	1.0	0.9	102%	100%
			92	0.6	0.6	0.6	101%	98%
			93	7.0	7.0	7.0	100%	100%
			94	1.5	1.4	1.5	93%	100%
			95	15.8	15.5	15.4	98%	98%
			96	1.5	1.4	1.5	96%	103%
			97	5.2	5.2	5.1	100%	100%
			98	2.2	2.2	2.2	101%	100%
			99	2.6	2.7	2.6	101%	100%
		warm	1	300.0	300.0	300.0	100%	100%
			2	3.5	3.6	3.6	100%	101%
			3	0.1	0.1	0.1	101%	100%
			4	300.1	300.1	33.7	100%	11%
			5	2.3	2.3	2.3	98%	101%
			6	300.0	300.0	300.0	100%	100%
			7	1.8	1.9	2.9	106%	158%
			8	1.7	1.7	1.4	102%	80%
			9	10.8	10.9	10.8	101%	100%
			10	0.3	0.3	0.3	100%	101%
			11	300.1	192.2	18.6	64%	6%
			12	0.6	0.6	0.6	100%	98%
			13	3.0	3.1	3.1	102%	102%
			14	94.5	96.1	95.7	102%	101%
			15	0.6	0.6	0.3	100%	42%
			16	1.4	1.1	1.1	79%	79%
			17	1.4	1.4	1.1	102%	82%
			18	0.8	0.8	2.8	104%	358%
			19	1.9	2.0	2.2	103%	114%
			20	0.2	0.2	0.2	96%	99%
			21	0.7	0.7	0.7	100%	98%
			22	21.9	22.1	20.6	101%	94%
			23	49.3	49.6	50.4	100%	102%
			24	0.1	0.1	0.7	104%	530%
			25	2.0	2.4	136.1	118%	6713%
			26	2.6	2.6	2.8	101%	109%
			27	1.4	1.6	1.9	111%	133%
			28	8.7	8.6	8.5	99%	99%
			29	1.3	1.5	2.8	117%	221%
			30	300.0	300.0	300.0	100%	100%
			31	13.2	11.9	10.0	90%	75%
			32	0.1	0.1	0.1	102%	98%
			33	2.3	2.3	2.3	101%	100%
			34	1.3	1.3	1.3	101%	97%
			35	5.2	5.2	5.2	101%	100%
			36	2.3	2.4	2.3	103%	101%
			37	0.0	0.0	0.1	112%	184%
			38	5.4	5.2	5.1	98%	96%
			39	26.9	27.2	27.2	101%	101%
			40	0.3	0.3	0.3	105%	115%
			41	28.9	28.6	28.7	99%	99%
			42	1.9	1.9	1.8	101%	96%
			43	1.8	1.8	1.8	101%	102%
			44	0.8	0.8	0.8	99%	99%
			45	0.9	0.9	0.8	100%	88%
			46	1.8	1.9	2.0	105%	111%
			47	14.5	14.5	15.1	100%	104%
			48	4.0	3.8	3.9	97%	100%
			49	0.5	0.5	0.5	101%	101%
			50	0.3	0.3	0.3	101%	103%
			51	7.3	7.3	7.3	100%	100%
			52	1.8	1.8	1.8	99%	100%
			53	1.0	0.9	1.0	99%	107%
			54	0.1	0.1	0.4	102%	313%
			55	0.4	0.4	0.4	96%	95%
			56	1.0	1.0	1.3	99%	133%
			57	6.8	6.8	6.9	101%	102%

scale	workers	caching	query	master	master-geqo	master-goo	master-geqo	master-goo
			58	0.2	0.2	0.2	101%	101%
			59	5.0	5.0	4.9	100%	97%
			60	3.9	3.9	2.7	98%	69%
			61	0.3	0.3	0.4	103%	118%
			62	1.2	1.2	1.9	98%	155%
			63	0.9	1.0	1.0	101%	108%
			64	3.7	3.8	13.4	102%	360%
			65	6.6	6.7	6.7	102%	103%
			66	1.8	1.5	1.8	86%	101%
			67	29.0	29.6	29.1	102%	100%
			68	1.2	1.3	1.7	103%	142%
			69	1.6	1.7	1.7	105%	106%
			70	4.8	4.6	3.7	97%	77%
			71	3.6	3.1	3.1	87%	87%
			72	1.5	2.1	2.3	141%	151%
			73	1.1	1.1	1.2	100%	113%
			74	300.0	300.0	300.0	100%	100%
			75	7.3	7.3	8.5	100%	115%
			76	1.2	1.2	1.1	99%	91%
			77	2.0	2.0	2.0	100%	101%
			78	8.3	8.4	8.4	101%	101%
			79	1.7	1.7	2.9	100%	166%
			80	3.0	2.5	3.0	82%	99%
			81	300.0	297.4	294.2	99%	98%
			82	0.1	0.1	0.2	103%	330%
			83	0.1	0.1	0.1	107%	102%
			84	0.1	0.1	0.1	122%	101%
			85	0.3	0.3	0.5	113%	154%
			86	2.0	2.0	2.0	99%	100%
			87	5.3	5.2	5.2	98%	98%
			88	8.3	8.3	9.8	100%	119%
			89	2.0	2.0	2.1	101%	106%
			90	1.0	1.0	1.0	106%	104%
			91	0.1	0.1	0.1	117%	98%
			92	0.5	0.5	0.5	101%	100%
			93	0.2	0.2	0.2	102%	100%
			94	1.1	1.1	1.1	97%	98%
			95	15.2	15.2	15.1	100%	100%
			96	1.1	1.0	1.1	97%	107%
			97	4.6	4.6	4.5	100%	99%
			98	1.5	1.5	1.5	100%	99%
			99	2.1	2.1	2.1	103%	101%
	4 cold		1	300.0	300.0	300.0	100%	100%
			2	1.1	1.1	1.3	101%	113%
			3	0.2	0.2	0.2	99%	106%
			4	300.1	300.1	11.4	100%	4%
			5	1.6	1.6	1.6	100%	100%
			6	300.1	300.1	300.1	100%	100%
			7	1.2	1.2	1.2	101%	100%
			8	1.0	1.2	1.0	120%	106%
			9	3.7	3.7	3.7	100%	100%
			10	15.5	2.6	2.6	17%	17%
			11	300.1	183.1	6.7	61%	2%
			12	0.5	0.5	0.5	99%	99%
			13	1.1	1.2	1.2	107%	103%
			14	84.6	86.5	86.5	102%	102%
			15	1.5	1.5	0.2	101%	12%
			16	1.4	1.5	1.1	110%	79%
			17	3.8	2.6	4.2	67%	111%
			18	2.8	2.8	2.6	101%	94%
			19	2.4	2.4	1.4	101%	61%
			20	0.5	0.5	0.5	100%	98%
			21	0.8	0.8	0.8	101%	99%
			22	18.6	18.8	18.2	101%	98%
			23	40.8	40.5	41.0	99%	100%
			24	0.6	0.6	0.6	103%	99%
			25	4.1	2.5	1.7	62%	42%
			26	4.3	4.1	5.6	95%	130%
			27	1.1	1.2	1.2	102%	102%

scale	workers	caching	query	master	master-geqo	master-goo	master-geqo	master-goo
			28	3.1	3.1	3.1	99%	100%
			29	3.8	2.6	16.9	67%	442%
			30	300.0	300.0	300.0	100%	100%
			31	12.5	13.0	10.1	104%	81%
			32	0.3	0.3	0.3	100%	100%
			33	1.4	1.5	1.5	102%	103%
			34	0.8	0.8	0.8	100%	99%
			35	18.9	18.9	18.9	100%	100%
			36	1.6	1.5	1.0	98%	64%
			37	0.0	0.0	0.5	109%	1421%
			38	8.9	8.9	8.8	100%	99%
			39	19.6	19.7	19.4	100%	99%
			40	0.7	0.7	0.7	101%	102%
			41	28.7	28.8	28.3	100%	99%
			42	0.9	0.9	1.0	101%	111%
			43	0.9	1.0	0.9	101%	100%
			44	1.1	1.1	1.1	99%	100%
			45	7.9	0.6	0.5	8%	6%
			46	1.1	1.2	1.1	111%	106%
			47	5.5	5.7	5.3	103%	96%
			48	1.4	1.4	1.4	100%	101%
			49	1.0	1.0	0.9	100%	99%
			50	4.2	4.3	4.3	100%	101%
			51	6.6	6.4	6.5	97%	98%
			52	0.9	0.9	0.9	99%	99%
			53	2.1	2.1	2.1	99%	100%
			54	3.2	3.3	4.1	101%	126%
			55	1.0	0.9	1.0	100%	102%
			56	10.1	10.1	10.1	100%	100%
			57	5.3	7.2	7.0	136%	134%
			58	0.7	0.7	0.7	102%	101%
			59	2.0	2.1	1.7	109%	87%
			60	6.0	6.0	1.9	100%	32%
			61	0.6	0.7	2.2	103%	354%
			62	0.5	0.5	0.5	103%	101%
			63	2.1	2.1	2.1	99%	100%
			64	13.2	13.4	13.3	101%	101%
			65	5.3	4.8	5.4	91%	101%
			66	0.8	0.8	0.8	100%	100%
			67	14.9	15.1	14.7	102%	99%
			68	1.3	1.3	1.1	100%	81%
			69	1.0	1.2	1.2	119%	118%
			70	2.8	2.8	2.0	99%	71%
			71	1.0	2.5	1.0	245%	101%
			72	7.0	3.7	4.1	53%	58%
			73	0.6	0.6	0.6	100%	98%
			74	300.1	300.1	300.1	100%	100%
			75	3.9	3.9	4.1	99%	104%
			76	1.8	1.8	1.7	100%	96%
			77	1.5	1.5	1.5	102%	100%
			78	5.4	5.3	6.6	99%	122%
			79	1.1	1.1	1.1	102%	102%
			80	2.3	2.2	5.0	95%	215%
			81	300.0	300.0	299.2	100%	100%
			82	0.1	0.1	1.0	105%	1711%
			83	1.7	1.7	1.8	100%	101%
			84	0.3	0.3	0.4	105%	124%
			85	0.8	0.9	0.8	104%	101%
			86	0.6	0.7	0.7	101%	101%
			87	5.4	5.3	5.4	99%	100%
			88	3.0	3.0	3.0	99%	99%
			89	1.1	1.1	1.1	100%	100%
			90	0.5	0.5	0.5	98%	99%
			91	0.9	1.0	0.9	102%	100%
			92	0.3	0.3	0.3	101%	101%
			93	1.6	1.6	1.6	100%	100%
			94	2.7	0.8	2.4	28%	88%
			95	15.2	15.0	15.2	99%	100%
			96	0.7	0.7	0.7	99%	99%

scale	workers	caching	query	master	master-geqo	master-goo	master-geqo	master-goo
			97	2.0	1.9	1.9	99%	99%
			98	0.8	0.9	0.8	100%	100%
			99	2.3	2.3	2.3	99%	100%
		warm	1	300.0	300.0	300.0	100%	100%
			2	1.0	1.0	1.1	99%	113%
			3	0.0	0.0	0.0	106%	101%
			4	300.0	300.0	11.2	100%	4%
			5	1.3	1.3	1.3	102%	101%
			6	300.0	300.0	300.0	100%	100%
			7	0.6	0.6	0.6	102%	100%
			8	0.7	0.9	0.7	129%	102%
			9	3.5	3.5	3.5	100%	100%
			10	2.7	0.3	0.3	11%	11%
			11	300.0	182.5	6.5	61%	2%
			12	0.1	0.1	0.1	100%	98%
			13	0.8	0.8	0.9	101%	103%
			14	82.0	84.5	84.5	103%	103%
			15	0.3	0.3	0.1	98%	30%
			16	0.9	1.1	0.8	117%	93%
			17	0.9	0.4	0.7	46%	78%
			18	0.3	0.4	1.1	110%	336%
			19	1.0	1.0	0.9	102%	92%
			20	0.2	0.2	0.2	73%	101%
			21	0.7	0.7	0.7	101%	101%
			22	17.8	20.2	17.9	114%	100%
			23	33.4	32.9	32.9	99%	99%
			24	0.1	0.1	0.1	131%	107%
			25	1.3	0.6	1.5	44%	117%
			26	0.1	1.7	2.6	1630%	2413%
			27	0.4	0.4	0.4	102%	102%
			28	2.9	2.8	2.8	99%	100%
			29	0.8	0.4	3.3	47%	397%
			30	300.0	300.0	300.0	100%	100%
			31	11.8	11.8	9.3	100%	79%
			32	0.1	0.1	0.1	93%	95%
			33	1.1	1.1	1.3	100%	117%
			34	0.4	0.4	0.4	101%	99%
			35	5.4	5.4	5.4	100%	99%
			36	1.3	1.4	0.9	104%	66%
			37	0.0	0.0	0.0	123%	164%
			38	8.3	8.1	8.1	98%	98%
			39	19.3	19.5	19.2	101%	100%
			40	0.3	0.3	0.2	101%	74%
			41	29.0	28.8	28.8	99%	99%
			42	0.6	0.6	0.6	101%	101%
			43	0.7	0.7	0.7	100%	100%
			44	0.8	0.8	0.8	97%	100%
			45	2.7	0.3	0.3	10%	11%
			46	0.8	1.0	0.9	125%	111%
			47	5.5	5.6	5.2	102%	94%
			48	1.0	1.0	1.0	101%	101%
			49	0.4	0.4	0.4	101%	98%
			50	0.2	0.2	0.2	118%	98%
			51	6.2	6.0	6.2	97%	100%
			52	0.7	0.7	0.7	99%	100%
			53	0.4	0.4	0.4	101%	100%
			54	0.1	0.1	0.3	107%	459%
			55	0.1	0.2	0.2	102%	102%
			56	0.6	0.6	0.5	102%	97%
			57	4.3	4.5	4.3	104%	99%
			58	0.2	0.2	0.2	101%	95%
			59	1.9	2.0	1.6	107%	85%
			60	2.7	2.7	1.6	100%	59%
			61	0.6	0.6	1.9	104%	313%
			62	0.4	0.4	0.4	100%	99%
			63	0.4	0.4	0.4	102%	102%
			64	11.3	11.2	11.5	99%	101%
			65	4.7	4.6	5.1	99%	108%
			66	0.6	0.6	0.6	101%	100%

scale	workers	caching	query	master	master-geqo	master-goo	master-geqo	master-goo
			67	14.7	14.9	14.7	102%	100%
			68	0.6	0.6	0.8	101%	125%
			69	0.6	0.7	0.7	112%	128%
			70	2.7	2.6	1.8	97%	67%
			71	0.7	2.1	0.7	314%	99%
			72	1.6	1.2	1.5	76%	99%
			73	0.4	0.4	0.4	99%	99%
			74	300.0	300.0	300.0	100%	100%
			75	3.6	3.5	3.7	98%	104%
			76	1.1	1.1	1.1	99%	93%
			77	1.2	1.2	1.2	101%	101%
			78	4.9	4.9	6.0	99%	122%
			79	0.8	0.9	0.8	102%	101%
			80	1.3	1.3	2.2	99%	168%
			81	295.3	298.5	296.3	101%	100%
			82	0.0	0.0	0.1	110%	333%
			83	0.1	0.1	0.1	110%	104%
			84	0.0	0.1	0.1	150%	347%
			85	0.1	0.2	0.1	125%	104%
			86	0.5	0.5	0.5	101%	100%
			87	4.9	5.0	4.9	100%	100%
			88	2.9	2.9	2.9	101%	100%
			89	0.8	0.8	0.8	101%	101%
			90	0.3	0.3	0.3	99%	101%
			91	0.1	0.1	0.1	138%	95%
			92	0.2	0.2	0.2	101%	101%
			93	0.1	0.1	0.1	99%	98%
			94	2.2	0.4	2.1	19%	97%
			95	14.8	14.9	14.7	101%	99%
			96	0.4	0.4	0.4	99%	101%
			97	1.7	1.7	1.7	101%	101%
			98	0.5	0.5	0.5	101%	101%
			99	1.1	1.0	1.1	99%	101%