AVERAGE of timing — *branch matches*

machine	caching	rows	distribution	workers	work_mem	prefetch	master 2	master 4	master 8	master 16	master 32	master 52	master 64	master 72	master 92	master 112	master 128	master 256	master 512	master 1024	master 2048	master 4048	master 6048	master 8048	master 10048
i5	cached	1000000	cyclic	0	128	0	4.0	7.7	13.5	25.9	50.8	80.6		110.6	141.2	151.2									
						1	4.1	8.1	14.4	27.3	52.9	84.3		115.5	147.1	155.0									
						8	4.1	8.1	14.1	27.9	52.6	84.7		115.7	147.4	157.1									
						16	4.1	8.0	14.2	27.2	52.8	84.0		115.5	146.6	157.6									
						32	4.1	8.1	14.0	27.9	53.1	83.8		116.0	145.8	157.8									
					4096	0	4.0	6.4	11.3	21.3	40.4	63.1		88.4	110.6	118.8									
						1	4.1	6.8	12.0	22.4	43.2	66.3		93.9	117.4	123.7									
						8	4.1	6.8	12.1	22.2	42.6	66.7		93.1	117.2	124.4									
						16	4.1	6.8	12.0	22.6	43.1	66.5		92.8	117.1	126.2									
						32	4.1	6.6	12.0	22.5	42.9	67.3		92.9	117.2	125.9									
					65536	0	3.9	6.5	11.3	21.2	40.1	62.8		88.5	110.8	118.4									
						1	4.1	6.7	12.1	22.6	43.1	66.6		93.2	117.9	123.2									
						8	4.1	6.8	12.1	22.4	42.6	66.5		93.4	117.8	125.3									
						16	4.1	6.7	12.0	22.4	42.7	66.6		93.8	117.9	124.8									
						32	4.1	6.8	12.0	22.4	42.6	67.0		93.3	117.9	126.2									
				4	128	0	5.9	9.0	13.7	22.9	42.7	66.2		89.0	113.0	119.3									
						1	5.9	9.2	13.9	24.1	43.0	66.8		91.4	114.3	122.5									
						8	6.1	9.2	14.0	23.9	43.3	68.0		90.8	116.0	123.3									
						16	6.0	9.0	13.8	24.3	43.6	67.3		93.3	115.7	123.4									
						32	6.0	9.1	13.9	23.6	42.8	67.6		91.0	116.5	124.0									
					4096	0	5.9	8.7	13.1	23.1	42.3	66.1		92.1	114.9	122.6									
						1	6.7	8.8	13.2	23.3	42.8	65.1		91.1	113.9	121.0									
						8	5.9	8.6	13.3	23.3	43.0	66.5		91.2	114.5	122.3									
						16	6.0	8.9	13.3	22.7	43.6	65.5		91.8	116.0	122.1									
						32	6.0	8.9	13.2	23.4	42.7	66.5		91.7	113.9	122.1									
					65536	0	5.9	8.5	13.0	22.6	43.4	66.1		91.7	115.6	123.4									
						1	6.0	8.5	13.3	23.6	43.0	65.3		90.4	113.3	120.8									
						8	5.9	8.7	13.2	23.2	42.7	66.5		92.9	115.1	122.8									
						16	6.0	8.6	13.1	23.6	43.4	67.0		92.0	114.8	122.8									
						32	5.9	8.6	13.4	22.7	43.2	66.1		91.6	115.0	122.3									
			cyclic-fuzz	0	128	0	4.4	8.1	15.2	27.4	51.1	81.3		112.4	140.6	151.7									
						1	4.6	8.6	16.2	28.8	54.2	85.0		116.9	148.8	154.8									
						8	4.6	8.6	16.0	28.5	53.5	84.8		117.6	148.4	157.6									
						16	4.6	8.6	16.0	28.3	53.6	84.2		116.6	148.6	158.3									
						32	4.6	8.6	15.9	28.6	53.5	84.7		117.9	147.7	156.3									
					4096	0	4.4	6.8	11.7	21.6	40.9	63.4		88.8	111.9	119.2									
						1	4.5	7.2	12.6	22.9	43.2	67.6		93.9	118.4	124.6									
						8	4.6	7.4	12.4	23.3	43.6	67.6		93.7	118.8	126.5									
						16	4.6	7.3	12.4	23.1	44.1	67.2		94.4	118.3	125.9									
						32	4.6	7.3	12.4	22.9	44.2	67.5		94.7	119.3	125.9									
					65536	0	4.4	6.8	11.7	21.7	40.9	63.4		88.6	112.5	119.0									
						1	4.6	7.3	12.3	23.0	43.1	67.5		94.6	118.4	123.9									
						8	4.6	7.2	12.5	23.0	43.7	67.9		93.6	117.3	125.8									
						16	4.6	7.3	12.7	23.3	43.9	67.2		94.8	117.7	127.1									
						32	4.6	7.3	12.7	22.9	43.3	67.3		94.7	117.5	127.2									
				4	128	0	6.3	9.7	14.5	23.9	42.5	66.1		89.3	112.6	121.2									
						1	6.3	9.5	14.6	23.9	42.6	67.8		91.1	115.5	123.0									
						8	6.0	9.7	14.6	24.2	44.0	68.6		92.1	115.3	122.9									
						16	6.4	9.5	15.0	23.9	43.9	68.3		91.6	116.5	123.7									
						32	6.4	9.5	15.0	24.3	43.6	67.6		91.7	115.7	124.4									
					4096	0	6.3	8.8	13.7	23.7	43.3	69.2		93.8	115.6	124.3									
						1	6.4	9.3	14.0	23.7	44.1	65.6		91.3	115.6	122.2									
						8	6.4	9.2	14.2	24.2	44.2	66.2		92.6	116.2	123.9									
						16	6.4	9.5	13.7	23.8	43.9	66.4		93.5	115.1	123.6									
						32	6.4	9.1	13.9	23.6	43.8	67.5		93.5	118.5	125.5									
					65536	0	6.3	9.1	13.6	23.2	44.1	66.6		94.0	115.3	123.4									
						1	6.4	9.1	13.9	24.5	44.2	67.4		92.1	113.7	122.5									
						8	5.3	9.2	14.2	23.9	43.9	67.0		92.3	115.5	124.2									
						16	6.4	9.0	13.8	23.3	43.7	66.3		92.3	116.1	123.8									
						32	6.3	8.9	13.8	23.7	44.0	66.7		92.4	115.0	123.5									
			linear	0	128	0	0.2	0.2	0.2	0.3	0.5		0.9				1.8	3.3	7.5	15.7	31.7	62.0	92.7	121.5	151.1
						1	0.2	0.2	0.2	0.3	0.5		1.0				1.8	3.5	7.7	16.5	32.9	64.5	96.0	126.3	154.7
						8	0.2	0.2	0.2	0.3	0.5		1.0				1.8	3.4	7.8	16.5	32.8	63.9	95.5	126.9	157.6
						16	0.2	0.2	0.2	0.3	0.5		1.0				1.8	3.5	7.9	16.3	32.6	64.6	95.9	128.3	157.9
						32	0.2	0.2	0.2	0.3	0.5		1.0				1.8	3.4	7.9	16.5	33.1	64.4	96.1	127.0	157.5
					4096	0	0.2	0.2	0.2	0.3	0.5		0.9				1.7	3.3	6.5	12.6	25.0	48.5	71.4	97.0	119.0
						1	0.2	0.2	0.2	0.3	0.5		1.0				1.8	3.4	6.8	13.3	26.4	51.3	75.7	102.2	123.9
						8	0.2	0.2	0.2	0.3	0.5		1.0				1.8	3.5	6.7	13.3	26.4	51.7	76.1	102.0	126.9
						16	0.2	0.2	0.2	0.3	0.5		1.0				1.8	3.4	6.8	13.2	26.8	51.5	75.7	102.3	126.2
						32	0.2	0.2	0.2	0.3	0.5		1.0				1.8	3.4	6.8	13.2	26.6	51.4	75.5	101.9	126.6
					65536	0	0.1	0.2	0.2	0.3	0.5		0.9				1.7	3.3	6.4	12.7	25.0	48.5	71.3	97.0	118.6
						1	0.2	0.2	0.2	0.3	0.5		1.0				1.8	3.5	6.8	13.4	26.5	50.9	74.8	102.3	123.5
						8	0.2	0.2	0.2	0.3	0.5		1.0				1.8	3.5	6.7	13.3	26.9	51.5	75.9	102.4	126.4
						16	0.2	0.2	0.2	0.3	0.5		1.0				1.8	3.5	6.7	13.3	26.3	51.3	76.4	102.5	126.9
						32	0.2	0.2	0.2	0.3	0.5		1.0				1.8	3.4	6.8	13.5	26.5	51.5	76.1	101.9	126.1
				4	128	0	0.2	0.2	0.2	0.3	3.2		3.3				4.0	5.3	8.9	15.5	27.6	51.2	74.3	98.1	120.0
						1	0.2	0.2	0.2	0.3	3.1		3.2				3.9	5.3	9.2	15.4	28.1	52.0	75.7	98.8	122.6
						8	0.2	0.2	0.2	0.3	3.2		3.3				3.9	5.3	9.2	15.2	27.8	52.6	75.4	100.3	123.0
						16	0.2	0.2	0.2	0.3	3.2		3.3				3.9	5.3	9.0	15.1	27.4	52.1	76.7	100.9	124.2
						32	0.2	0.2	0.2	0.3	3.1		3.3				4.0	5.3	9.4	15.4	27.8	52.3	75.6	102.4	126.3
					4096	0	0.2	0.2	0.2	0.3	0.5		0.9				1.7	4.6	8.7	14.5	26.5	51.7	74.7	101.4	121.8
						1	0.2	0.2	0.2	0.4	0.5		1.0				1.8	3.4	8.5	14.6	26.4	51.5	74.2	99.9	122.1
						8	0.2	0.2	0.2	0.3	0.5		1.0				1.8	4.1	8.5	14.3	27.5	52.6	74.5	100.1	122.8
						16	0.2	0.2	0.2	0.3	0.5		1.0				1.8	4.1	8.5	14.8	27.1	50.9	74.7	100.5	124.0
						32	0.2	0.2	0.2	0.3	0.5		1.0				1.8	4.1	8.5	14.7	26.7	52.4	75.6	101.6	122.9
					65536	0	0.2	0.2	0.2	0.3	0.5		0.9				1.7	4.6	8.9	14.6	27.2	50.8	73.5	101.3	124.6
						1	0.2	0.2	0.2	0.3	0.5		1.0				1.8	4.1	9.4	14.3	26.5	51.1	73.8	98.9	123.3
						8	0.2	0.2	0.2	0.3	0.5		1.0				1.8	4.1	8.8	14.3	27.6	51.8	74.9	101.2	123.1
						16	0.2	0.2	0.2	0.3	0.6		1.0				1.8	4.1	8.8	14.8	27.2	51.8	74.1	100.5	123.3
						32	0.2	0.2	0.2	0.3	0.6		1.0				1.8	3.5	8.5	14.4	27.5	51.8	74.9	99.9	123.2
			linear-fuzz	0	128	0	0.3	0.5	0.7	0.8	1.1		1.5				2.4	4.0	8.5	17.0	33.2	63.9	95.0	127.5	153.9
						1	0.4	0.5	0.7	0.9	1.1		1.6				2.6	4.1	8.8	17.6	34.7	66.4	98.5	131.7	158.2
						8	0.4	0.5	0.7	0.9	1.2		1.6				2.5	4.2	9.0	17.6	34.8	66.4	97.6	134.2	161.1
						16	0.4	0.5	0.7	0.9	1.1		1.6				2.5	4.2	8.7	17.7	34.5	66.8	99.0	129.7	161.4
						32	0.4	0.6	0.7	0.9	1.2		1.6				2.5	4.2	8.8	17.8	34.4	66.1	99.6	132.0	159.8
					4096	0	0.4	0.5	0.7	0.8	1.1		1.5				2.4	4.0	7.3	14.1	27.2	52.9	78.1	105.5	129.1
						1	0.5	0.5	0.7	0.9	1.1		1.6				2.5	4.2	7.5	14.7	28.6	55.7	82.4	110.3	133.7
						8	0.4	0.5	0.7	0.9	1.1		1.6				2.5	4.2	7.7	14.5	28.9	56.0	81.8	110.4	135.8
						16	0.4	0.5	0.7	0.9	1.0		1.6				2.6	4.2	7.8	14.8	29.0	55.9	82.1	110.6	136.1
						32	0.4	0.5	0.7	0.9	1.1		1.6				2.5	4.2	7.7	14.8	28.8	56.3	82.7	111.3	135.8
					65536	0	0.3	0.5	0.6	0.8	1.1		1.5				2.4	4.0	7.3	14.0	27.4	52.9	78.0	104.6	128.7
						1	0.4	0.5	0.7	0.7	1.1		1.6				2.5	4.1	7.7	14.6	28.8	55.8	81.8	110.8	133.2

machine	caching	rows	distribution	workers	work_mem	prefetch	patched 2	patched 4	patched 8	patched 16	patched 32	patched 52	patched 64	patched 72	patched 92	patched 112	patched 128	patched 256	patched 512	patched 1024	patched 2048	patched 4048	patched 6048	patched 8048	patched 10048
i5	cached	1000000	cyclic	0	128	0	3.9	7.5	13.3	25.3	48.2	76.3		105.5	132.9	142.8									
						1	4.0	7.5	13.2	25.8	48.2	76.5		105.0	133.0	143.0									
						8	4.1	7.6	13.6	26.2	49.5	79.4		109.2	137.8	148.1									
						16	4.0	7.8	13.6	26.3	50.5	80.8		110.0	139.1	150.0									
						32	4.1	7.2	13.7	25.8	50.5	80.1		110.4	141.7	151.0									
					4096	0	4.0	6.5	11.4	21.2	40.3	63.0		87.4	110.4	118.3									
						1	4.0	6.5	11.4	21.1	40.3	62.7		87.1	111.5	118.0									
						8	4.1	6.6	11.7	22.0	41.9	65.4		91.2	116.4	123.9									
						16	4.1	6.7	11.9	22.2	42.8	66.2		93.1	117.8	125.7									
						32	4.1	6.7	12.0	22.3	42.7	66.6		93.7	117.9	126.6									
					65536	0	4.0	6.4	11.5	21.4	40.5	62.7		87.3	110.2	118.2									
						1	4.0	6.4	11.3	21.2	40.7	62.8		87.7	110.5	118.4									
						8	4.1	6.6	11.7	21.8	42.0	65.4		91.7	115.5	123.8									
						16	4.0	6.6	11.8	22.1	42.9	66.6		92.5	117.3	126.3									
						32	3.9	6.7	11.9	22.1	42.8	66.9		93.9	118.2	126.4									
				4	128	0	5.3	8.3	12.3	20.9	37.0	58.2		77.6	99.2	106.7									
						1	5.4	8.7	12.3	20.3	37.1	58.3		78.4	98.9	105.7									
						8	5.3	8.6	12.5	22.1	38.8	62.5		83.4	105.3	110.8									
						16	5.3	8.3	13.0	21.6	39.5	61.3		82.9	104.9	110.6									
						32	5.2	8.6	11.9	21.0	38.8	61.4		83.0	103.4	112.3									
					4096	0	5.4	8.4	11.7	21.2	38.1	58.0		80.2	99.8	107.1									
						1	5.3	8.3	11.7	20.5	38.4	58.2		80.7	100.6	106.5									
						8	5.3	8.2	12.6	21.9	42.6	64.2		89.7	112.9	121.7									
						16	5.3	8.2	12.4	21.4	42.0	64.1		90.4	111.9	119.9									
						32	5.2	8.3	12.8	21.8	41.9	64.0		91.8	111.4	120.0									
					65536	0	5.3	8.1	11.6	20.4	38.1	58.7		81.0	101.3	106.7									
						1	5.3	7.8	12.0	20.8	38.5	58.1		81.1	102.1	107.2									
						8	5.4	8.1	12.7	22.0	42.2	64.8		90.8	113.1	120.1									
						16	5.6	8.2	12.3	22.7	41.7	64.9		90.1	112.5	119.8									
						32	5.1	8.3	12.2	22.5	40.9	63.9		88.3	111.8	119.6									
			cyclic-fuzz	0	128	0	4.0	8.0	14.8	26.3	49.0	76.8		106.0	134.3	142.8									
						1	4.5	8.0	14.9	26.5	48.9	77.1		106.8	134.2	144.5									
						8	4.6	8.1	15.3	27.1	50.2	79.6		109.9	139.0	147.9									
						16	4.6	8.2	15.2	27.4	51.1	80.6		111.1	140.5	148.9									
						32	4.6	8.3	15.3	27.4	51.2	80.8		112.0	140.9	150.1									
					4096	0	4.5	6.9	11.8	21.3	40.7	63.7		89.8	111.7	118.6									
						1	4.5	6.9	11.8	21.6	41.2	63.0		88.5	113.4	118.8									
						8	4.5	7.1	12.2	22.3	42.6	65.7		92.7	116.7	125.0									
						16	4.6	7.2	12.4	22.6	43.4	67.0		93.3	118.5	126.6									
						32	4.6	7.2	12.5	22.7	43.5	67.5		94.3	118.6	127.5									
					65536	0	4.5	6.9	11.8	21.5	40.8	63.4		88.5	111.4	118.5									
						1	4.5	6.9	11.8	21.6	40.9	63.3		88.0	111.1	118.8									
						8	4.5	7.0	12.2	22.3	42.7	66.0		92.2	116.0	124.6									
						16	4.5	7.1	12.3	22.8	43.1	67.5		93.7	118.3	126.5									
						32	4.6	7.1	12.3	22.8	43.2	67.8		94.0	119.1	127.1									
				4	128	0	5.6	8.8	12.7	20.7	37.4	58.5		78.1	98.9	104.1									
						1	5.6	8.5	12.9	20.8	37.2	58.5		78.7	98.5	105.3									
						8	5.7	8.5	13.1	21.7	39.3	62.5		84.2	104.7	112.2									
						16	5.6	9.4	13.2	21.3	40.2	60.5		82.3	104.5	111.2									
						32	5.6	9.0	13.0	21.6	38.4	62.0		81.9	104.2	110.7									
					4096	0	5.5	8.9	12.2	21.3	39.1	59.7		81.8	101.6	107.3									
						1	5.6	8.1	12.1	21.4	38.4	59.6		81.5	102.0	108.4									
						8	5.7	9.0	12.4	23.0	42.4	65.1		90.4	113.5	121.4									
						16	5.6	8.3	12.0	22.7	42.0	65.2		91.3	112.7	121.4									
						32	5.6	8.4	12.5	22.7	41.5	64.9		88.2	110.9	119.1									
					65536	0	5.6	8.6	12.4	21.2	38.6	58.8		81.8	101.4	108.1									
						1	5.6	8.0	12.1	20.3	38.3	58.6		82.4	101.6	109.6									
						8	5.6	8.7	12.4	22.8	42.4	65.0		92.1	114.1	120.4									
						16	5.6	9.0	12.3	21.8	42.2	64.3		89.9	113.0	120.0									
						32	5.6	8.2	12.7	22.5	40.8	65.4		89.9	111.7	120.5									
			linear	0	128	0	0.2	0.2	0.2	0.3	0.5		0.9				1.7	3.3	7.4	15.3	30.0	58.7	86.5	117.0	142.6
						1	0.2	0.2	0.2	0.3	0.5		0.9				1.7	3.3	7.3	15.1	30.3	58.3	86.4	115.7	144.1
						8	0.2	0.2	0.2	0.3	0.5		1.0				1.8	3.5	7.6	15.8	31.1	60.5	90.0	119.0	147.8
						16	0.2	0.2	0.2	0.3	0.5		1.0				1.9	3.5	7.7	15.9	31.4	61.1	91.2	121.6	149.1
						32	0.2	0.2	0.2	0.3	0.5		1.0				1.8	3.5	7.7	16.0	31.6	61.4	91.3	121.8	150.4
					4096	0	0.2	0.2	0.2	0.3	0.6		0.9				1.8	3.3	6.5	12.6	25.1	48.6	71.1	95.9	118.3
						1	0.2	0.2	0.2	0.3	0.5		0.9				1.7	3.3	6.4	12.8	25.5	48.6	71.9	96.4	118.4
						8	0.2	0.2	0.3	0.3	0.5		1.0				1.8	3.4	6.8	13.2	26.0	50.9	74.5	101.2	124.5
						16	0.2	0.2	0.3	0.3	0.5		1.0				1.8	3.5	6.8	13.3	26.6	51.7	75.8	102.2	126.0
						32	0.2	0.2	0.3	0.4	0.6		1.0				1.8	3.5	6.8	13.4	26.6	52.2	76.0	103.1	126.7
					65536	0	0.2	0.2	0.2	0.3	0.5		0.9				1.8	3.3	6.5	12.8	25.1	49.2	71.6	96.7	118.5
						1	0.2	0.2	0.3	0.3	0.6		0.9				1.7	3.3	6.4	12.7	25.0	48.6	71.2	96.2	118.5
						8	0.2	0.2	0.3	0.3	0.6		1.0				1.8	3.4	6.7	13.2	25.9	50.9	74.3	100.7	124.0
						16	0.2	0.2	0.3	0.3	0.6		1.0				1.8	3.5	6.7	13.4	26.4	51.4	75.6	102.3	125.6
						32	0.2	0.2	0.3	0.4	0.6		1.0				1.8	3.5	6.8	13.5	26.4	51.9	76.4	103.2	127.2
				4	128	0	0.2	0.2	0.2	0.3	3.2		3.2				3.8	4.9	8.0	13.3	23.8	44.3	64.3	85.8	105.6
						1	0.2	0.2	0.2	0.3	1.2		3.2				3.8	4.9	8.3	12.8	24.3	44.2

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