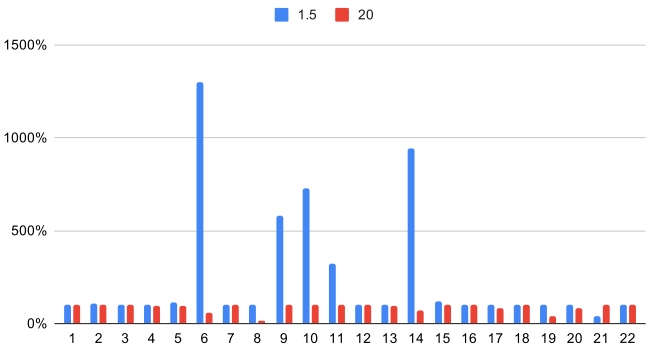


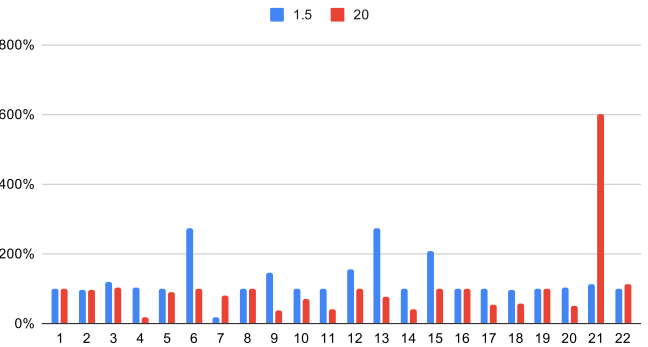
run	directio	workers	query	4	1.5	20	1.5	20
	1 off	0	1	79.345159	79.036751	79.089556	100%	100%
			2	6.292811	6.679233	6.502102	106%	103%
			3	31.979704	32.091506	32.357162	100%	101%
			4	27.891515	28.130126	26.918492	101%	97%
			5	34.390116	38.215787	32.33165	111%	94%
			6	16.115946	209.6525	9.569486	1301%	59%
			7	19.963335	19.693981	20.526238	99%	103%
			8	127.081586	129.030465	18.437773	102%	15%
			9	46.389421	268.209059	47.625779	578%	103%
			10	24.847312	180.571353	24.706075	727%	99%
			11	4.135805	13.381557	4.079216	324%	99%
			12	26.457896	26.532345	26.502437	100%	100%
			13	42.328815	42.378767	40.161429	100%	95%
			14	15.58385	146.53561	10.685852	940%	69%
			15	25.518429	31.076069	25.151532	122%	99%
			16	12.692464	12.729373	12.566144	100%	99%
			17	108.138532	108.803973	88.130957	101%	81%
			18	66.681052	66.642431	68.693885	100%	103%
			19	49.400873	49.426604	19.217745	100%	39%
			20	88.647738	88.607627	71.29576	100%	80%
			21	103.16812	37.968247	103.347633	37%	100%
			22	3.040218	2.988652	3.023343	98%	99%

scale 50 / serial / cold / buffered



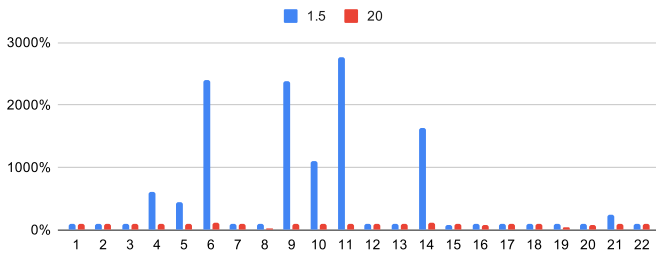
run	directio	workers	query	4	1.5	20	1.5	20
		4	1	16.822902	16.757239	16.8828	100%	100%
			2	5.600984	5.342722	5.354348	95%	96%
			3	8.729728	10.304524	8.87945	118%	102%
			4	51.256516	52.54765	9.266099	103%	18%
			5	11.345374	11.362031	10.313002	100%	91%
			6	5.558447	15.242288	5.524218	274%	99%
			7	62.663186	10.767033	50.269012	17%	80%
			8	64.259261	64.496926	63.9371	100%	99%
			9	63.869826	93.086145	22.995488	146%	36%
			10	15.272095	15.265493	10.708751	100%	70%
			11	5.798731	5.826164	2.315476	100%	40%
			12	8.413086	13.089389	8.413525	156%	100%
			13	15.708518	43.147018	12.308006	275%	78%
			14	15.075002	15.080041	6.347797	100%	42%
			15	11.242114	23.23055	11.33056	207%	101%
			16	12.042784	12.122442	12.037845	101%	100%
			17	49.347603	49.033115	27.249424	99%	55%
			18	115.402908	111.299964	66.714038	96%	58%
			19	10.783093	10.805354	10.790371	100%	100%
			20	32.380911	33.068121	16.222853	102%	50%
			21	12.537384	14.072065	75.353719	112%	601%
			22	2.649397	2.631025	3.005683	99%	113%

scale 50 / parallel (4 workers) / cold / buffered

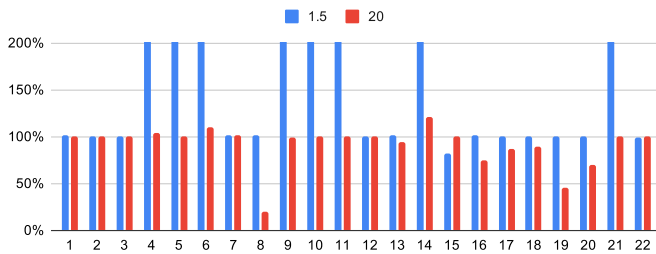


run	direction	workers	query	4	1.5	20	1.5	20
		0	1	78.28357	79.860739	78.398743	102%	100%
			2	22.636069	22.734681	22.642977	100%	100%
			3	37.764558	37.788718	37.715914	100%	100%
			4	28.886619	173.25961	30.057026	600%	104%
			5	37.18357	161.615488	37.189354	435%	100%
			6	16.604172	398.316108	18.157801	2399%	109%
			7	25.940547	26.155619	26.159219	101%	101%
			8	145.168374	147.461172	28.377213	102%	20%
			9	47.486389	1133.328733	47.281451	2387%	100%
			10	37.993824	415.9669	38.030661	1095%	100%
			11	6.412315	177.002654	6.443935	2760%	100%
			12	30.555555	30.614501	30.470231	100%	100%
			13	42.066681	42.4341	39.774136	101%	95%
			14	16.0051	260.881305	19.3591	1630%	121%
			15	43.260618	35.657816	43.173314	82%	100%
			16	16.988549	17.132233	12.723292	101%	75%
			17	127.985731	128.140993	111.383938	100%	87%
			18	501.314363	502.761946	448.507793	100%	89%
			19	50.647467	50.680425	22.677437	100%	45%
			20	121.52932	121.345097	84.948025	100%	70%
			21	185.563467	432.652794	185.670617	233%	100%
			22	5.664794	5.634442	5.690444	99%	100%
run	direction	workers	query	4	1.5	20	1.5	20
		4	1	16.908389	17.19502	16.853384	102%	100%
			2	14.047103	13.34433	13.375102	95%	95%
			3	7.224958	63.004747	7.190346	872%	100%
			4	65.069448	65.084364	9.255513	100%	14%
			5	37.018452	36.971998	8.230819	100%	22%
			6	4.833625	20.677886	4.849836	428%	100%
			7	280.178235	61.190291	279.377589	22%	100%
			8	1057.314271	1056.23133	1056.540541	100%	100%
			9	241.288873	136.76251	20.112652	57%	8%
			10	44.406552	44.473952	11.089674	100%	25%
			11	47.374429	47.272307	2.379869	100%	5%
			12	7.047012	53.106367	7.065788	754%	100%
			13	15.946931	41.919567	11.964623	263%	75%
			14	14.960152	15.30272	5.564399	102%	37%
			15	11.822337	45.012425	12.752789	381%	108%
			16	16.336903	16.789055	12.025051	103%	74%
			17	48.464472	47.218196	30.784273	97%	64%
			18	690.457673	696.8067	275.342119	101%	40%
			19	10.868595	10.924908	10.88931	101%	100%
			20	38.329182	38.519011	14.855283	100%	39%
			21	53.216751	96.927123	148.655355	182%	279%
			22	4.834462	4.771269	4.878496	99%	101%

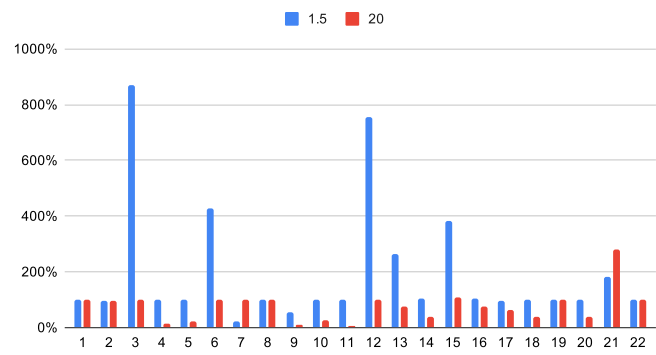
scale 50 / serial / cold / direct IO



scale 50 / serial / cold / direct IO (zoom)



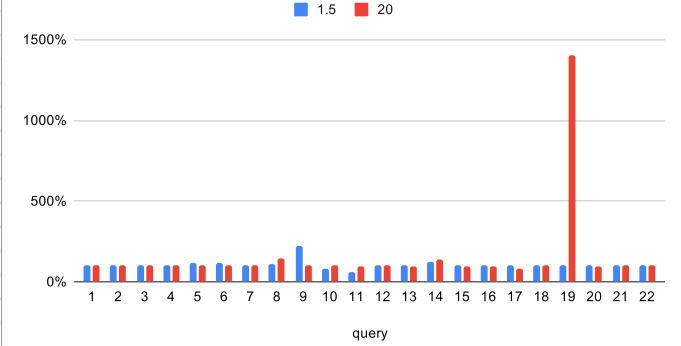
scale 50 / parallel (4 workers) / cold / direct IO



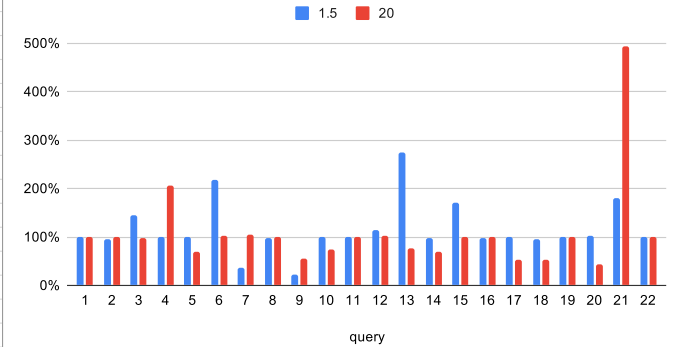
run	directio	workers	query	4	1.5	20	1.5	20
	2 off	0	1	78.853414	78.583437	78.739901	100%	100%
			2	5.740232	5.729585	5.759206	100%	100%
			3	31.918542	31.960317	32.394303	100%	101%
			4	27.759292	28.501316	27.976823	103%	101%
			5	33.376322	38.608919	33.227342	116%	100%
			6	9.396309	11.158919	9.34174	119%	99%
			7	19.052623	19.570246	19.151905	103%	101%
			8	12.333569	13.840842	17.757345	112%	144%
			9	47.071086	103.481672	47.161093	220%	100%
			10	25.23793	20.268498	25.182024	80%	100%
			11	4.03033	2.47409	3.967946	61%	98%
			12	25.169336	24.871724	25.473273	99%	101%
			13	41.864077	42.083281	40.246012	101%	96%
			14	7.293557	9.244078	10.147195	127%	139%
			15	25.927192	27.358342	25.040912	106%	97%
			16	12.420306	12.355043	12.229558	99%	98%
			17	108.074112	108.248238	83.88661	100%	78%
			18	64.212228	64.672666	67.03992	101%	104%
			19	1.341454	1.347422	18.781684	100%	1400%
			20	76.879629	76.290041	70.70822	99%	92%
			21	91.404641	93.97548	90.888936	103%	99%
			22	2.945883	2.974501	2.987895	101%	101%

run	directio	workers	query	4	1.5	20	1.5	20
		4	1	16.573539	16.54992	16.653112	100%	100%
			2	5.022424	4.839211	5.047076	96%	100%
			3	7.11926	10.355852	7.009475	145%	98%
			4	4.580549	4.61201	9.418203	101%	206%
			5	11.495724	11.458702	7.90599	100%	69%
			6	2.703289	5.883681	2.786217	218%	103%
			7	29.416604	10.840707	30.993693	37%	105%
			8	36.078587	35.470827	35.960147	98%	100%
			9	26.079889	5.838304	14.497506	22%	56%
			10	15.40834	15.423646	11.281195	100%	73%
			11	1.939085	1.949505	1.921636	101%	99%
			12	6.497934	7.437667	6.667862	114%	103%
			13	15.384562	42.227662	11.941805	274%	78%
			14	4.763809	4.655655	3.327783	98%	70%
			15	8.902069	15.22537	8.902003	171%	100%
			16	11.800805	11.562206	11.887645	98%	101%
			17	47.959131	48.280111	25.509896	101%	53%
			18	113.793179	108.802248	61.053797	96%	54%
			19	0.600397	0.607127	0.60269	101%	100%
			20	30.783261	31.326644	13.177463	102%	43%
			21	11.936841	21.606223	58.893307	181%	493%
			22	0.730099	0.731358	0.728734	100%	100%

scale 50 / serial / warm / buffered



scale 50 / parallel (4 workers) / warm / buffered



run	directio	workers	query	4	1.5	20	1.5	20	
	on	0		1	77.863521	79.840838	79.410038	103%	102%
				2	22.521585	22.462774	22.470091	100%	100%
				3	37.62041	37.773966	37.7654	100%	100%
				4	29.701149	172.981512	29.070326	582%	98%
				5	37.683552	161.670505	37.458176	429%	99%
				6	16.313112	398.185753	18.050783	2441%	111%
				7	25.984185	26.025857	26.163146	100%	101%
				8	145.204873	147.595266	28.370148	102%	20%
				9	47.227583	1133.639266	47.527806	2400%	101%
				10	37.946207	415.991249	38.058936	1096%	100%
				11	6.41302	176.93997	6.416834	2759%	100%
				12	30.42952	30.256949	30.182246	99%	99%
				13	42.170894	42.639529	39.695273	101%	94%
				14	15.858398	260.807291	19.339437	1645%	122%
				15	42.416687	35.425468	42.429408	84%	100%
				16	17.154075	17.348085	12.502804	101%	73%
				17	128.548809	129.168097	111.798721	100%	87%
				18	502.752768	503.32501	451.25325	100%	90%
				19	50.533461	50.614346	22.685735	100%	45%
				20	121.330628	121.175571	84.410091	100%	70%
				21	187.1822	432.9417	187.301782	231%	100%
				22	5.613527	5.579494	5.609039	99%	100%
run	directio	workers	query	4	1.5	20	1.5	20	
		4		1	16.881321	17.123336	16.827859	101%	100%
				2	13.272166	13.354764	13.397702	101%	101%
				3	7.206745	63.00106	7.196384	874%	100%
				4	64.939675	65.037086	9.109449	100%	14%
				5	36.959342	36.995503	8.22565	100%	22%
				6	4.817133	20.628419	4.837056	428%	100%
				7	280.308063	61.092069	280.103165	22%	100%
				8	1057.084228	1056.355279	1055.866025	100%	100%
				9	241.826335	136.703109	20.094021	57%	8%
				10	44.380774	44.432051	11.091475	100%	25%
				11	47.434787	47.283386	2.353707	100%	5%
				12	7.013551	53.142566	7.03892	758%	100%
				13	16.338751	41.746085	12.032029	256%	74%
				14	14.993027	15.036216	5.560581	100%	37%
				15	11.78021	45.103116	11.953152	383%	101%
				16	16.208885	16.586661	12.111293	102%	75%
				17	48.381792	47.411943	30.670235	98%	63%
				18	696.759247	698.47195	280.34993	100%	40%
				19	10.872058	10.893675	10.865044	100%	100%
				20	38.471028	38.605473	14.889547	100%	39%
				21	53.287022	97.114975	149.069432	182%	280%
				22	4.559819	4.653541	4.657845	102%	102%

