Heatmap of final epoch performance

Parameter Combinations (lag_multiplier_init, lag_multiplier_lr, update_iters, nn_size) — Normalized mean of the performance in the final epoch

Parameter Combination	Return	Cost	Regret	Evaluation Return	Evaluation Cost	Evaluation Regret
(0.1, 0.1, 10, 64)	1.48	24.95	4850.14	-10.01	0.00	124.89
(0.01, 0.05, 50, 64)	1.65	32.87	4105.62	-6.06	0.00	165.89
(0.01, 0.05, 10, 256)	1.41	36.21	6487.63	-5.92	21.00	148.78
(0.001, 0.05, 50, 256)	0.75	21.80	3350.08	-5.50	16.33	51.67
(0.1, 0.1, 1, 64)	2.22	13.36	3951.22	-5.33	25.44	100.00
(0.001, 0.1, 1, 64)	2.20	13.53	4548.41	-4.58	3.22	49.78
(0.001, 0.1, 1, 256)	0.59	19.93	3664.94	-4.36	0.00	153.11
(0.001, 0.035, 1, 256)	8.02	15.90	3797.10	-4.00	1.78	146.00
(0.01, 0.05, 1, 256)	3.39	7.65	3328.85	-3.54	18.78	28.56
(0.1, 0.035, 1, 256)	3.69	32.65	5298.44	-3.45	11.44	81.11
(0.01, 0.035, 10, 64)	3.30	44.44	6624.66	-2.83	0.00	240.33
(0.001, 0.1, 10, 64)	4.75	4.22	2753.56	-2.68	1.33	20.89
(0.01, 0.035, 50, 256)	7.81	28.17	3718.83	-1.32	1.89	221.11
(0.1, 0.05, 1, 256)	3.61	31.79	5150.51	-1.18	72.33	357.22
(0.01, 0.05, 10, 64)	3.38	31.25	4324.02	-1.16	2.89	104.78
(0.1, 0.1, 10, 256)	1.56	30.90	4523.89	-0.41	8.00	32.44
(0.1, 0.1, 1, 256)	4.62	15.42	3372.13	-0.30	0.00	252.67
(0.001, 0.035, 50, 64)	-1.55	20.69	3679.17	-0.29	2.56	105.11
(0.001, 0.035, 10, 256)	5.05	35.53	4564.68	0.13	8.22	112.56
(0.01, 0.1, 50, 64)	4.26	110.78	9467.91	0.39	58.00	834.11
(0.01, 0.035, 50, 64)	3.02	44.76	4782.51	0.50	0.00	424.67
(0.1, 0.1, 50, 64)	1.65	22.38	5615.81	0.61	3.33	213.11
(0.001, 0.01, 50, 64)	3.02	76.64	7511.25	1.08	60.33	225.44
(0.01, 0.1, 10, 64)	2.28	33.51	7090.77	1.19	0.00	164.78
(0.001, 0.1, 50, 64)	4.07	24.59	2501.32	1.22	0.00	168.22
(0.1, 0.1, 50, 256)	2.15	91.48	7010.38	1.50	3.67	120.11
(0.01, 0.05, 50, 256)	1.92	45.57	6554.90	2.01	105.00	536.11
(0.01, 0.035, 1, 256)	3.14	15.64	4052.72	2.17	4.00	164.89
(0.001, 0.05, 50, 64)	6.07	5.68	2057.12	2.22	6.11	131.78
(0.1, 0.05, 10, 64)	2.28	31.07	4513.25	2.22	85.11	333.89
(0.01, 0.01, 1, 256)	7.89	29.65	6241.77	2.29	18.00	198.44
(0.1, 0.05, 10, 256)	7.47	23.36	2975.24	2.42	79.56	121.11
(0.1, 0.035, 10, 64)	4.53	37.11	6420.62	2.45	4.22	209.11
(0.001, 0.01, 50, 256)	4.14	45.88	7558.51	2.49	0.00	274.44
(0.1, 0.05, 50, 256)	2.29	102.71	7682.58	2.68	20.44	400.89
(0.01, 0.1, 1, 64)	4.25	28.09	8519.96	2.89	30.78	518.00
(0.01, 0.035, 1, 64)	10.09	46.91	6154.61	3.06	165.33	547.44
(0.01, 0.1, 1, 256)	2.90	16.53	2831.07	3.14	10.22	60.33
(0.001, 0.05, 10, 256)	3.63	30.59	3630.04	3.17	43.44	129.44
(0.001, 0.035, 10, 64)	6.07	53.29	5495.14	3.20	116.11	636.22
(0.001, 0.035, 50, 256)	4.25	115.17	5631.51	3.28	302.22	520.44
(0.01, 0.01, 50, 64)	5.70	80.70	4510.14	3.63	222.33	742.44
(0.001, 0.05, 1, 256)	3.83	24.25	5200.00	4.03	11.67	316.00
(0.1, 0.035, 50, 256)	6.24	40.02	3882.27	4.04	41.00	176.44
(0.001, 0.1, 50, 256)	3.81	41.39	4744.86	4.05	23.89	266.56
(0.01, 0.1, 10, 256)	6.30	25.80	2511.45	4.20	3.89	34.22
(0.001, 0.05, 10, 64)	4.60	40.07	4093.21	4.42	12.33	225.11
(0.01, 0.1, 50, 256)	4.48	49.87	3227.37	4.44	20.56	180.22
(0.1, 0.01, 50, 256)	3.90	89.39	7079.13	4.47	99.11	538.89
(0.1, 0.035, 1, 64)	5.41	31.37	6204.01	4.62	12.11	144.56
(0.1, 0.035, 50, 64)	4.17	28.19	3574.33	4.76	17.56	216.11
(0.1, 0.05, 1, 64)	7.74	20.11	2950.68	5.44	7.00	71.22
(0.1, 0.05, 50, 64)	4.83	13.81	2974.64	5.54	64.11	181.67
(0.001, 0.05, 1, 64)	8.45	22.36	5927.23	5.57	78.33	344.11
(0.1, 0.035, 10, 256)	5.88	28.79	5227.57	5.60	166.33	336.33
(0.01, 0.05, 1, 64)	6.03	23.32	4631.54	5.64	4.56	78.89
(0.001, 0.01, 10, 256)	9.14	38.41	4882.68	6.00	108.44	428.89
(0.001, 0.035, 1, 64)	5.13	21.17	7874.74	6.05	11.11	228.00
(0.01, 0.01, 10, 64)	10.04	21.22	3740.10	6.22	2.44	146.00
(0.001, 0.1, 10, 256)	4.73	42.75	2534.44	6.37	9.67	78.67
(0.1, 0.01, 50, 64)	7.65	51.97	3324.55	6.70	6.00	322.11
(0.01, 0.01, 10, 256)	9.15	48.97	4603.30	7.15	54.78	247.78
(0.001, 0.01, 1, 64)	11.65	32.83	5078.85	7.58	1.56	216.89
(0.1, 0.01, 1, 256)	10.03	22.06	3043.02	7.76	4.11	340.89
(0.01, 0.01, 50, 256)	10.66	17.93	4704.70	7.76	45.56	95.33
(0.01, 0.035, 10, 256)	8.17	38.41	2624.79	7.91	108.11	272.67
(0.01, 0.01, 1, 64)	11.67	13.96	2718.09	8.01	14.22	371.89
(0.1, 0.01, 1, 64)	10.78	25.99	3576.37	9.59	8.89	372.44
(0.001, 0.01, 1, 256)	9.67	21.25	6992.22	9.79	10.00	448.11
(0.1, 0.01, 10, 256)	8.71	30.95	1827.86	10.31	5.56	141.11
(0.1, 0.01, 10, 64)	10.94	29.63	4268.54	10.48	19.33	354.56
(0.001, 0.01, 10, 64)	11.77	14.73	4239.02	11.70	8.78	163.89

Metrics: Return, Cost, Regret, Evaluation Return, Evaluation Cost, Evaluation Regret