

data_dir	toy	bin_strategy	glue_opt	free_bonds	glue_opt_prior	glue_opt_every	max_num_struct_bins	num_p	K	L	initial_rmsd	initial_lddt	bpr	latest_K	latest_L	latest_bpr	latest_lddt	latest_rmsd	perplexity	use_ratio	
atlas	0 histogram-cover	TRUE	FALSE	FALSE	0	10	5000 (1:500)	(2: 2, 3: 5, 5: 1, 6: 2, 8: 1)		7	212.997143	4.697910274	0.5090282228	19.66457268	604	16.6435361	27.81656374	0.4964254682	5.496006068	22.87911987	0.5923566818
bindbio	0 histogram-cover	TRUE	FALSE	FALSE	0	10	5000 (1:50)	(2: 2, 3: 5, 5: 1, 6: 2, 8: 1)		7	261.8186651	6.574970391	0.4487628716	19.67455242	583	181.6805932	26.13242262	0.4535774556	7.602849618	19.582901	0.8535031676
bindint	0 histogram-cover	TRUE	FALSE	FALSE	0	10	5000 (1:50)	(2: 2, 3: 5, 5: 1, 6: 2, 8: 1)		7	177.6555863	4.667739963	0.4484853517	19.64661166	967	118.8167128	28.55201382	0.4538388798	5.93877568	19.37830734	0.8535031676
bindshake	0 histogram-cover	TRUE	FALSE	FALSE	0	10	5000 (1:50)	(2: 2, 3: 5, 5: 1, 6: 2, 8: 1)		7	279.3089569	5.960832853	0.4528320801	19.68064213	588	190.189903	26.89750185	0.450328849	6.972887719	19.44424629	0.8407643437
catbio	0 histogram-cover	TRUE	FALSE	FALSE	0	10	5000 (1:50)	(2: 2, 3: 5, 5: 1, 6: 2, 8: 1)		7	332.2374915	8.023492392	0.4034112584	19.68874626	590	219.2938646	26.35467337	0.4124713836	9.398158644	19.06841469	0.8662420511
catint	0 histogram-cover	TRUE	FALSE	FALSE	0	10	5000 (1:50)	(2: 2, 3: 5, 5: 1, 6: 2, 8: 1)		7	252.0105335	7.404551914	0.3720029693	19.6727843	575	173.9100069	26.37616583	0.4924836755	9.058779251	18.5705452	0.8407643437
conserved	0 histogram-cover	TRUE	FALSE	FALSE	0	10	5000 (1:50)	(2: 2, 3: 5, 5: 1, 6: 2, 8: 1)		7	228.9305305	5.197558353	0.4737664289	19.66544164	581	158.8407516	26.17835185	0.4581337451	6.523165002	19.38758087	0.8407643437
ept	0 histogram-cover	TRUE	FALSE	FALSE	0	10	5000 (1:50)	(2: 2, 3: 5, 5: 1, 6: 2, 8: 1)		7	235.6634615	5.94924629	0.4715113499	19.71408024	576	158.3942308	43.30874889	0.4675215062	6.96117416	19.8272658	0.7643312216
homo	0 histogram-cover	TRUE	FALSE	FALSE	0	10	5000 (1:50)	(2: 2, 3: 5, 5: 1, 6: 2, 8: 1)		7	226.4660738	5.341724453	0.4684203296	19.66499699	598	156.3955863	26.35053681	0.469633419	5.772015533	19.89270973	0.8471337557
repeat	0 histogram-cover	TRUE	FALSE	FALSE	0	10	5000 (1:50)	(2: 2, 3: 5, 5: 1, 6: 2, 8: 1)		7	251.7619048	5.641388788	0.4807823154	19.67586143	588	173.9606227	27.54290478	0.4892312906	6.075811955	19.77686051	0.8535031676
pretrain	0 histogram	FALSE	TRUE	0	0	5000 (1:500)	(2: 100, 3: 500)			600	228.8640268	4.387204122	0.6927058898	36.02222013	972	228.8552895	36.74116335	0.6927058898	4.387204122	321.2348328	0.9980952144
pretrain	0 histogram	FALSE	TRUE	0	0	5000 (1:1000)	(2: 200, 3: 1000)			1200	228.8640268	3.886160519	0.725866201	40.02268597	1300	228.8618204	40.022686201	0.725866201	3.886160519	640.2530518	0.9940476418
pretrain	0 histogram	FALSE	TRUE	0	0	10000 (1:5000)	(2: 1000, 3: 5000)			6000	228.8640268	3.151449091	0.7822988194	49.38855446						3197.411865	0.9630476236
pretrain	0 histogram	FALSE	TRUE	1	10	5000 (1:500)	(2: 100, 3: 500, 5: 20, 6: 100, 8: 5, 9: 20, 11: 1, 12: 5, 14: 1)			600	228.8640268	4.387204122	0.6927058898	36.02222013	1650	228.8255178	37.54618359	0.6927058898	4.387204122	321.2348328	0.9980952144
pretrain	0 histogram	TRUE	TRUE	1	10	5000 (1:50)	(2: 100, 3: 500, 5: 20, 6: 100, 8: 5, 9: 20, 11: 1, 12: 5, 14: 1)			700	228.8449929	26.32853834	0.5807416713	3.936125003							
pretrain	0 histogram	TRUE	TRUE	1	10	5000 (1:500)	(2: 100, 3: 500, 5: 20, 6: 100, 8: 5, 9: 20, 11: 1, 12: 5, 14: 1)			600	228.8640268	1.656926385	0.729722218	36.02222013	1554	228.8361968	37.45402879	0.729722218	1.656926385	336.0029907	0.9980952144
pretrain	0 histogram	TRUE	TRUE	1	10	5000 (1:1000)	(2: 500, 3: 2000, 5: 100, 6: 500, 8: 20, 9: 100, 11: 5, 12: 20)			2500	228.8640268	1.414444334	0.7508450139	41.10996177	2753	228.8566427	41.26464653	0.7508450139	1.414444334	794.567749	0.9963636398
pretrain	0 histogram	TRUE	TRUE	1	10	5000 (1:2000)	(2: 1000, 3: 5000, 5: 200, 6: 1000, 8: 50, 9: 200, 11: 20, 12: 20)			6000	228.8640268	1.37273265	0.7560054117	45.44009873						1684.145752	0.9909999967
pretrain	0 histogram	TRUE	TRUE	1	10	20000 (1:2000)	(2: 1000, 3: 20000)			21000	228.8640268	1.212136861	0.7648766102	47.61765477						2384.68335	0.995666827
pretrain	0 histogram	TRUE	TRUE	1	10	20000 (1:5000)	(2: 1000, 3: 5000)			6000	228.8640268	1.39597686	0.75284706	49.38855446						3340.106934	0.961904831
pretrain	0 histogram-cover	FALSE	TRUE	0	0	5000 (1:300)	(2: 50, 5: 20, 6: 100, 8: 5, 9: 20, 11: 1, 12: 5, 14: 1)			20100	227.5904919	40.12001009	0.5727702137	5.786398862							
pretrain	0 histogram-cover	TRUE	FALSE	0	10	5000 (1:50)	(2: 2, 3: 5, 5: 1, 6: 2, 8: 1)			780	149.6838668	26.50057502	0.4501544836	5.17185171							
pretrain	0 histogram-cover	TRUE	TRUE	0	10	5000 (1:100)	(2: 2, 3: 5, 5: 1, 6: 2, 8: 1)			409	188.6846023	28.53215619	0.4950649537	5.17185171							
pretrain	0 histogram-cover	TRUE	TRUE	0	10	5000 (1:300)	(2: 1)			3	228.6257355	26.1635398	0.3174543608	7.389412666							
pretrain	0 histogram-cover	TRUE	TRUE	0	10	5000 (1:300)	(2: 2, 3: 5, 5: 1, 6: 2, 8: 1)			9	228.7522358	27.74873481	0.49330647	4.623508544							
pretrain	0 histogram-cover	TRUE	TRUE	0	10	5000 (1:300)	(2: 2, 3: 5, 5: 1, 6: 2, 8: 1)														
pretrain	0 histogram-cover	TRUE	TRUE	0	10	5000 (1:300)	(2: 2, 3: 20, 5: 1, 6: 2, 8: 1)														
pretrain	0 histogram-cover	TRUE	TRUE	0	10	5000 (1:300)	(2: 10, 3: 50, 5: 1, 6: 5, 8: 1)			24	228.8450518	29.1641862	0.6333041673	2.239086045							
pretrain	0 histogram-cover	TRUE	TRUE	0	10	5000 (1:300)	(2: 10, 3: 50, 5: 1, 6: 5, 8: 1)			65	228.8526418	30.60261934	0.6845052607	1.81623791							
pretrain	0 histogram-cover	TRUE	TRUE	0	10	5000 (1:300)	(2: 50, 5: 20, 6: 100, 8: 5, 9: 20, 11: 1, 12: 5, 14: 1)			5200	228.534567	37.23970995	0.6750034882	2.114771369							
pretrain	0 histogram-cover	TRUE	TRUE	0	10	5000 (1:300)	(2: 100, 3: 500, 5: 20, 6: 100, 8: 5, 9: 20, 11: 1, 12: 5, 14: 1)														
pretrain	0 histogram-cover	TRUE	TRUE	0	10	5000 (1:500)	(2: 100, 3: 500, 5: 20, 6: 100, 8: 5, 9: 20, 11: 1, 12: 5, 14: 1)														
pretrain	0 uniform	TRUE	TRUE	0	10	5000 (1:500)	(2: 100, 3: 500, 5: 20, 6: 100, 8: 5, 9: 20, 11: 1, 12: 5, 14: 1)														
pretrain	0 uniform	TRUE	TRUE	0	10	5000 (1:500)	(2: 100, 3: 500, 5: 20, 6: 100, 8: 5, 9: 20, 11: 1, 12: 5, 14: 1)														
pretrain	300 histogram-cover	TRUE	FALSE	0	0	5000 (1:50)	(2: 2, 3: 5, 5: 1, 6: 2, 8: 1)			698	228.8612615	36.24653011	0.6088041408	6.815893654							
pretrain	300 histogram-cover	TRUE	FALSE	0	10	5000 (1:50)	(2: 2, 3: 5, 5: 1, 6: 2, 8: 1)			1981	134.3345324	54.25554649	0.4930624242	7.251373824							
pretrain	300 histogram-cover	TRUE	TRUE	0	1	5000 (1:100)	(2: 2, 3: 5, 5: 1, 6: 2, 8: 1)			1981	134.3345324	54.25554649	0.4930624242	7.251373824							
pretrain	300 histogram-cover	TRUE	TRUE	0	10	5000 (1:50)	(2: 2, 3: 5, 5: 1, 6: 2, 8: 1)			707	162.7697842	35.93496264	0.5299156411	4.504176401							
pretrain	300 histogram-cover	TRUE	TRUE	0	10	5000 (1:100)	(2: 2, 3: 5, 5: 1, 6: 2, 8: 1)			1982	134.6906475	54.22242407	0.4894372258	7.003588502							
pretrain	300 histogram-cover	TRUE	TRUE	0	10	5000 (1:300)	(2: 2, 3: 5, 5: 1, 6: 2, 8: 1)			6709	138.7769784	251.503249	0.5198669556	6.385731716							
pretrain	300 histogram-cover	TRUE	TRUE	0	10	5000 (1:300)	(2: 1)			3	228.6257355	26.1635398	0.3174543608	7.389412666							
pretrain	300 histogram-cover	TRUE	TRUE	0	10	5000 (1:300)	(2: 2, 3: 5, 5: 1, 6: 2, 8: 1)			2309	198.9208633	55.73743195	0.5672642231	3.554453159							
pretrain	300 histogram-cover	TRUE	TRUE	0	10	5000 (1:300)	(2: 10, 3: 50, 5: 1, 6: 5, 8: 1)			845	222.2230216	40.56836822	0.69296629	1.725974273							
pretrain	3000 histogram-cover	TRUE	TRUE	0	0	5000 (1:300)	(2: 10, 3: 50, 5: 1, 6: 5, 8: 1)			65	227.4975317	30.62039814	0.7164718146	1.629448837							
Main experiments																					
Used in paper																					