

Supplementary Table: Predictor Group Rankings on Combined Full-Model, High-Accuracy Scores

group ID	group name	GDT-HA			6full+GDT-HA		6full		GDC-sc			MCRS			HBmc			HBSc			corRot			MPscore			
		n	raw	Z	rank	Z	rank	Z	rank	n	raw	Z	n	raw	Z	n	raw	Z	n	raw	Z	n	raw	Z	n	raw	Z
489	DBAKER	50	56.95	0.752	7	0.940	1	1.128	2	37	36.37	0.529	36	88.22	0.713	35	0.635	0.964	35	0.161	0.977	35	0.423	1.015	36	1.921	2.569
293s	LEE-SERVER	86	63.56	0.741	8	0.854	2	0.966	3	86	47.31	1.018	69	90.59	0.672	69	0.711	0.641	69	0.249	1.006	69	0.488	1.382	69	2.741	1.077
453	MULTICOM	129	61.85	0.901	1	0.847	3	0.794	5	116	44.05	0.911	101	87.28	0.607	100	0.692	0.811	100	0.176	0.396	100	0.455	1.145	101	2.835	0.892
407	LEE	127	60.77	0.715	11	0.829	4	0.942	4	114	44.82	1.048	99	91.00	0.725	98	0.682	0.693	98	0.215	0.844	98	0.472	1.345	99	2.788	1.000
46	SAM-T08-human	49	55.87	0.738	9	0.714	5	0.690	9	36	35.33	0.550	37	80.75	0.458	36	0.644	1.048	36	0.143	0.699	36	0.391	0.714	37	2.966	0.670
379	McGuffin	125	61.59	0.833	3	0.668	6	0.503	16	114	43.51	0.729	98	71.26	0.056	97	0.685	0.660	97	0.188	0.437	97	0.425	0.697	98	3.050	0.436
196	ZicoFullSTP	129	61.41	0.836	2	0.619	7	0.403	23	116	42.18	0.528	102	83.45	0.473	101	0.667	0.602	101	0.174	0.250	101	0.390	0.230	102	3.102	0.336
138	ZicoFullSTPFullData	128	61.50	0.825	4	0.615	8	0.404	22	115	42.52	0.545	101	83.27	0.468	100	0.669	0.601	100	0.175	0.227	99	0.394	0.269	101	3.108	0.315
299	Zico	130	61.07	0.805	6	0.593	9	0.382	26	117	42.02	0.517	101	81.97	0.422	100	0.667	0.593	100	0.174	0.218	100	0.390	0.235	101	3.119	0.306
310	mufold	51	56.26	0.737	10	0.585	10	0.434	21	39	36.23	0.537	35	69.78	0.085	34	0.648	0.868	34	0.107	-0.064	33	0.386	0.522	35	2.962	0.654
283	IBT_LT	51	54.38	0.627	15	0.583	11	0.540	15	38	37.18	0.968	37	74.75	0.258	36	0.594	0.565	36	0.126	0.225	36	0.398	0.783	37	3.084	0.443
178	Bates_BMM	48	54.26	0.432	21	0.581	12	0.729	8	35	35.75	0.536	34	86.99	0.646	33	0.620	0.704	33	0.126	0.172	33	0.429	1.179	34	2.711	1.138
147s	YASARA	73	63.14	0.012	62	0.576	13	1.140	1	71	47.56	0.427	58	95.97	0.791	58	0.758	0.639	58	0.251	0.724	57	0.462	0.793	58	1.496	3.463
71	Zhang	51	55.89	0.811	5	0.565	14	0.318	32	38	36.23	0.713	38	52.40	-0.469	37	0.618	0.789	37	0.102	-0.021	37	0.409	0.881	38	3.309	0.018
81	Chicken_George	46	55.11	0.563	16	0.508	15	0.454	20	33	36.34	0.581	34	60.58	-0.252	33	0.605	0.451	33	0.121	0.125	33	0.425	1.092	34	2.906	0.726
485	Ozkan-Shell	29	58.08	0.360	26	0.487	16	0.615	10	17	39.21	0.371	21	67.03	-0.170	21	0.630	0.292	21	0.150	0.349	20	0.386	0.159	21	1.705	2.687
34	SAMUDRALA	103	60.54	0.496	17	0.429	17	0.362	30	95	43.45	0.505	81	78.22	0.285	81	0.648	0.281	81	0.169	0.115	80	0.413	0.431	81	2.965	0.554
425s	BAKER-ROBETTA	132	57.03	0.088	52	0.416	18	0.744	7	118	41.82	0.474	102	88.50	0.636	101	0.645	0.422	101	0.199	0.690	101	0.450	1.058	102	2.675	1.183
426s	Zhang-Server	131	60.57	0.654	12	0.406	19	0.159	41	117	42.71	0.618	101	41.66	-0.945	100	0.664	0.537	100	0.146	-0.116	100	0.436	0.874	101	3.280	-0.014
434	fams-ace2	130	60.40	0.640	14	0.371	20	0.102	49	117	42.15	0.478	101	68.08	-0.047	100	0.585	-0.168	100	0.145	-0.195	100	0.411	0.510	101	3.253	0.035
256s	SAM-T08-server	125	58.07	0.157	44	0.366	21	0.575	11	112	42.80	0.578	100	74.19	0.151	99	0.682	0.700	99	0.187	0.362	99	0.451	1.040	100	2.962	0.618
442	LevittGroup	46	53.48	0.200	39	0.350	22	0.499	17	33	37.59	0.620	34	75.00	0.248	33	0.665	1.095	33	0.155	0.709	33	0.415	0.896	34	3.580	-0.573
174s	COMA-M	126	58.68	0.216	37	0.342	23	0.468	19	112	42.57	0.472	96	84.20	0.481	95	0.631	0.169	95	0.164	0.079	95	0.449	0.955	96	2.942	0.651
200	Elofsson	49	54.83	0.471	18	0.308	24	0.145	43	36	35.83	0.361	37	83.92	0.574	36	0.595	0.434	36	0.116	-0.003	36	0.316	-0.390	37	3.383	-0.108
253	SHORTLE	54	57.76	0.047	56	0.302	25	0.558	12	43	43.63	0.829	46	76.68	0.129	45	0.713	0.805	45	0.159	0.020	46	0.409	0.481	46	2.656	1.085
069s	MULTICOM-CMFR	128	58.35	0.188	41	0.294	26	0.399	24	114	40.93	0.200	98	85.17	0.508	97	0.639	0.235	97	0.174	0.179	97	0.428	0.724	98	2.992	0.546
436s	Pcons_dot_net	123	57.79	0.105	51	0.293	27	0.481	18	109	42.28	0.471	99	86.04	0.555	98	0.626	0.208	98	0.165	0.108	98	0.432	0.789	99	2.893	0.755
020s	MULTICOM-CLUSTER	130	59.89	0.456	19	0.283	28	0.111	48	116	40.40	0.098	100	85.18	0.523	99	0.646	0.319	99	0.183	0.334	99	0.347	-0.363	100	3.378	-0.247
429s	Pcons_multi	124	58.15	0.166	43	0.281	29	0.396	25	112	41.49	0.318	99	80.28	0.361	98	0.625	0.142	98	0.164	0.048	98	0.442	0.918	99	2.982	0.590
013s	MULTICOM-REFINE	129	59.39	0.361	25	0.279	30	0.198	39	115	41.18	0.267	100	87.75	0.604	99	0.646	0.333	99	0.169	0.129	99	0.350	-0.311	100	3.176	0.165
198	fais@hgc	43	52.44	0.313	32	0.262	31	0.211	36	30	34.71	0.414	31	52.52	-0.465	30	0.579	0.455	30	0.105	-0.111	31	0.414	0.926	31	3.328	0.048
443s	MUProt	128	58.96	0.261	36	0.247	32	0.232	35	114	41.15	0.238	99	88.75	0.642	98	0.646	0.330	98	0.171	0.135	98	0.362	-0.155	99	3.166	0.202
202	Sternberg	48	53.99	0.352	27	0.212	33	0.072	52	35	34.89	0.267	35	44.16	-0.746	34	0.558	0.198	34	0.104	-0.119	33	0.397	0.655	35	3.206	0.176
438s	RAPTOR	131	59.19	0.401	22	0.199	34	-0.002	61	117	39.51	-0.026	101	81.83	0.427	100	0.646	0.400	100	0.165	0.048	100	0.330	-0.608	101	3.392	-0.256
371	GeneSilico	50	54.38	0.439	20	0.199	35	-0.042	69	37	34.42	0.218	35	47.31	-0.663	34	0.600	0.476	34	0.128	0.302	34	0.350	0.025	35	3.616	-0.607
266	FAMS-multi	131	58.69	0.320	31	0.188	36	0.057	55	118	42.12	0.516	102	69.89	0.029	101	0.593	-0.058	101	0.177	0.246	101	0.394	0.286	102	3.606	-0.679
012s	HHpred5	117	59.49	0.288	33	0.182	37	0.076	51	105	40.26	-0.021	93	86.56	0.555	92	0.655	0.404	92	0.180	0.193	93	0.337	-0.513	93	3.328	-0.163
131s	MULTICOM-RANK	127	58.91	0.274	35	0.171	38	0.068	53	113	39.90	-0.014	99	85.34	0.524	98	0.640	0.282	98	0.177	0.247	98	0.347	-0.376	99	3.378	-0.253
477s	SAM-T06-server	125	56.49	-0.202	79	0.169	39	0.540	14	112	42.86	0.508	99	81.76	0.390	98	0.653	0.414	98	0.180	0.286	98	0.432	0.776	99	2.834	0.868
234s	COMA	128	57.07	-0.079	71	0.147	40	0.374	28	114	41.11	0.185	98	86.06	0.546	97	0.622	0.111	97	0.151	-0.114	96	0.438	0.838	98	2.937	0.675
143s	Pcons_local	117	56.66	-0.057	69	0.144	41	0.345	31	107	42.20	0.443	96	85.08	0.527	95	0.589	-0.091	95	0.152	-0.090	95	0.417	0.619	96	2.958	0.661
57	TASSER	130	60.66	0.641	13	0.141	42	-0.359	102	117	41.78	0.413	101	2.62	-2.376	100	0.565	-0.329	100	0.135	-0.272	100	0.421	0.669	101	3.397	-0.262
322s	Phyre_de_novo	128	59.52	0.350	28	0.122	43	-0.106	77	114	40.74	0.170	97	38.89	-1.044	96	0.598	-0.049	96	0.123	-0.516	96	0.428	0.701	97	3.208	0.105
149	A-TASSER	129	58.10	0.196	40	0.120	44	0.044	57	116	39.59	0.005	101	68.84	-0.028	100	0.581	-0.191	100	0.109	-0.649	100	0.362	-0.112	101	2.686	1.236
124	POEMQA	126	58.41	0.369	24	0.109	45	-0.150	81	113	40.68	0.220	98	86.75	0.575	97	0.694	0.749	97	0.116	-0.622	97	0.311	-0.865	98	3.729	-0.957
284	Hao_Kihara	44	52.11	-0.026	65	0.091	46	0.209	37	32	34.93	0.230	33	82.91	0.533	32	0.512	-0.201	32	0.109	-0.160	32	0.370	0.377	33	3.071	0.472
408s	MUSTER	127	58.11	0.201	38	0.084	47	-0.033	67	114	38.79	-0.191	101	83.05	0.459	100	0.626	0.222	100	0.174	0.154	100	0.331	-0.556	101	3.402	-0.286
235s	Phyre2	129	57.35	0.017																							

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		n	raw	Z	rank	n	raw	Z	rank	n	raw	Z	rank	n	raw	Z	n	raw	Z	n	raw	Z	n	raw	Z	n	raw	Z
048s	PS2-server	128	58.29	0.185	42	0.071	50	-0.044	70	114	39.45	-0.116	98	85.00	0.508	97	0.648	0.302	97	0.165	-0.043	97	0.319	-0.740	98	3.349	-0.174	
100s	nFOLD3	75	55.79	0.038	59	0.068	51	0.099	50	66	37.24	-0.149	55	86.78	0.595	54	0.597	0.088	54	0.168	0.233	55	0.349	-0.273	55	3.239	0.099	
116s	fais-server	122	58.55	0.142	48	0.064	52	-0.014	63	109	39.74	-0.132	96	86.03	0.550	95	0.635	0.194	95	0.164	-0.046	96	0.339	-0.489	96	3.335	-0.160	
270s	Phragment	123	57.29	-0.040	67	0.064	53	0.168	40	113	39.67	-0.027	95	72.02	0.050	94	0.628	0.156	94	0.150	-0.189	94	0.436	0.803	95	3.151	0.213	
351s	FALCON	51	60.05	0.150	46	0.055	54	-0.040	68	49	41.22	-0.169	40	84.72	0.464	40	0.660	0.162	40	0.189	0.075	39	0.342	-0.670	40	3.296	-0.099	
220s	FALCON_CONSENSUS	51	59.17	0.132	49	0.054	55	-0.023	64	49	40.82	-0.171	37	84.41	0.509	37	0.643	0.170	37	0.188	0.146	37	0.338	-0.613	37	3.389	-0.177	
279s	GS-KudlatyPred	128	57.00	-0.024	64	0.053	56	0.131	44	114	39.14	-0.094	99	85.87	0.549	98	0.633	0.260	98	0.160	-0.020	98	0.365	-0.129	99	3.155	0.220	
415s	keasar-server	117	58.70	0.155	45	0.033	57	-0.088	76	104	42.75	0.468	92	0.00	-2.480	91	0.685	0.696	91	0.216	0.805	90	0.421	0.635	92	3.587	-0.655	
282	3DShot1	121	58.28	0.337	29	0.027	58	-0.283	96	108	39.31	0.045	93	52.93	-0.543	92	0.617	0.132	92	0.133	-0.324	92	0.367	-0.067	93	3.727	-0.940	
114	keasar	45	52.37	-0.246	82	0.021	59	0.288	34	32	34.85	0.071	33	29.54	-1.395	32	0.667	0.952	32	0.139	0.296	32	0.406	0.738	33	2.720	1.063	
419	3DShotMQ	119	57.90	0.322	30	0.016	60	-0.290	97	106	39.72	0.122	93	50.08	-0.651	92	0.627	0.230	92	0.129	-0.348	92	0.363	-0.124	93	3.745	-0.971	
353	CBSU	29	53.37	0.142	47	0.010	61	-0.122	78	23	34.49	-0.271	21	83.70	0.531	21	0.574	-0.076	21	0.139	-0.195	21	0.300	-0.817	21	3.293	0.097	
140s	FAMSD	129	57.67	0.038	58	0.007	62	-0.024	65	116	41.67	0.320	99	75.58	0.199	98	0.578	-0.248	98	0.173	0.152	98	0.383	0.122	99	3.591	-0.687	
122s	HHpred4	124	57.38	-0.039	66	-0.002	63	0.035	59	111	38.69	-0.313	98	89.42	0.658	97	0.637	0.291	97	0.174	0.135	98	0.333	-0.539	98	3.272	-0.020	
182s	METATASSER	89	59.76	0.281	34	-0.015	64	-0.312	98	82	41.73	0.367	70	46.37	-0.804	69	0.564	-0.493	69	0.135	-0.410	69	0.386	0.066	70	3.533	-0.597	
384	TJ_Jiang	44	52.01	-0.085	73	-0.025	65	0.035	58	32	34.29	-0.135	33	77.84	0.333	32	0.570	0.141	32	0.115	-0.063	32	0.340	-0.090	33	3.298	0.025	
007s	FFASstandard	123	57.77	0.011	63	-0.029	66	-0.069	72	111	41.09	0.130	98	71.85	0.060	97	0.614	0.060	97	0.189	0.338	97	0.331	-0.594	98	3.452	-0.406	
186s	Poing	124	56.45	-0.124	77	-0.029	67	0.065	54	114	39.21	-0.068	94	63.45	-0.215	93	0.619	0.059	93	0.148	-0.270	93	0.429	0.735	94	3.181	0.149	
23	PS2-manual	47	52.19	0.076	53	-0.050	68	-0.175	85	34	32.80	-0.209	34	80.89	0.443	33	0.578	0.172	33	0.110	-0.250	33	0.285	-0.836	34	3.498	-0.373	
385s	PSI	92	58.98	0.069	55	-0.051	69	-0.170	83	87	39.84	-0.315	73	84.54	0.466	72	0.655	0.196	72	0.155	-0.212	72	0.318	-0.788	73	3.418	-0.366	
154s	HHpred2	126	57.15	-0.108	75	-0.057	70	-0.007	62	112	38.52	-0.352	98	86.59	0.567	97	0.640	0.318	97	0.169	0.107	97	0.334	-0.539	98	3.323	-0.142	
135s	pipe_int	111	57.82	-0.048	68	-0.059	71	-0.069	73	101	41.43	0.159	87	50.68	-0.703	79	0.667	0.287	86	0.204	0.546	86	0.375	-0.045	87	3.547	-0.659	
297s	GeneSilicoMetaServer	120	58.24	0.044	57	-0.065	72	-0.175	84	108	41.21	0.132	98	74.43	0.155	97	0.600	-0.062	97	0.172	0.018	97	0.326	-0.647	98	3.573	-0.645	
153s	GS-MetaServer2	121	57.88	0.020	60	-0.071	73	-0.161	82	109	41.11	0.112	97	76.05	0.207	96	0.598	-0.050	96	0.170	0.013	96	0.328	-0.624	97	3.559	-0.625	
142s	FFASsuboptimal	123	57.06	-0.116	76	-0.072	74	-0.028	66	111	41.39	0.175	97	70.06	-0.009	96	0.610	0.038	96	0.197	0.445	96	0.344	-0.392	97	3.472	-0.427	
449s	3D-JIGSAW_V3	112	56.96	-0.280	87	-0.079	75	0.123	45	100	40.99	-0.040	90	67.81	-0.097	89	0.587	-0.312	89	0.150	-0.228	89	0.441	0.845	90	2.977	0.570	
409s	pro-sp3-TASSER	130	59.21	0.377	23	-0.080	76	-0.537	106	116	40.37	0.151	101	0.79	-2.452	100	0.544	-0.518	100	0.126	-0.394	100	0.405	0.440	101	3.490	-0.448	
369	Jiang_Zhu	43	50.51	-0.207	80	-0.097	77	0.012	60	31	33.62	-0.054	30	48.54	-0.590	30	0.581	0.141	30	0.167	0.617	29	0.364	0.188	30	3.429	-0.229	
193s	CpHModels	116	54.66	-0.583	98	-0.101	78	0.380	27	106	42.47	0.338	92	83.73	0.461	91	0.613	0.020	91	0.211	0.664	91	0.378	0.028	92	2.877	0.773	
325	Bilab-UT	41	49.69	-0.411	95	-0.104	79	0.203	38	30	33.23	-0.136	32	81.45	0.458	31	0.553	-0.002	31	0.101	-0.311	32	0.403	0.786	32	3.107	0.423	
39	PRI-Yang-KiharA	27	53.02	-0.516	96	-0.108	80	0.299	33	19	36.99	-0.136	21	83.99	0.451	20	0.587	-0.232	20	0.156	0.258	20	0.438	0.886	21	2.893	0.567	
296s	3D-JIGSAW_AEP	116	55.66	-0.407	94	-0.144	81	0.118	46	104	39.99	-0.149	93	66.83	-0.123	92	0.573	-0.338	92	0.154	-0.144	92	0.441	0.843	93	2.949	0.620	
396s	circle	125	56.66	-0.087	74	-0.153	82	-0.220	89	113	40.45	0.100	98	71.35	0.049	97	0.559	-0.466	97	0.158	-0.174	97	0.368	-0.093	98	3.611	-0.735	
208	MidwayFolding	36	50.42	-0.084	72	-0.173	83	-0.262	93	29	31.11	-0.416	29	69.92	0.118	28	0.564	0.253	28	0.095	-0.252	28	0.292	-0.744	29	3.563	-0.531	
495s	BioSerf	111	57.16	-0.210	81	-0.205	84	-0.199	88	101	38.53	-0.477	90	74.51	0.137	89	0.654	0.241	89	0.175	0.070	88	0.340	-0.585	90	3.518	-0.583	
172	FrankensteinLong	69	56.68	-0.177	78	-0.213	85	-0.250	92	58	37.00	-0.536	57	83.65	0.419	56	0.596	-0.092	56	0.148	-0.080	56	0.316	-0.760	57	3.443	-0.449	
337	EB_AMU_Physics	111	55.86	-0.350	90	-0.214	86	-0.078	75	98	38.12	-0.488	85	87.07	0.571	84	0.632	0.142	84	0.165	-0.026	84	0.322	-0.723	85	3.217	0.059	
340	ABlpro	122	57.12	-0.068	70	-0.217	87	-0.365	103	112	37.63	-0.443	94	71.72	0.048	93	0.638	0.181	93	0.141	-0.272	93	0.318	-0.821	94	3.665	-0.883	
207	POEM	34	51.30	-0.265	85	-0.222	88	-0.180	86	24	33.58	-0.211	25	88.85	0.687	25	0.604	0.299	25	0.118	-0.096	24	0.305	-0.751	25	3.823	-1.007	
394s	Fiser-M4T	79	59.76	-0.369	91	-0.254	89	-0.138	80	76	43.60	-0.180	64	84.03	0.425	64	0.656	-0.089	64	0.193	-0.046	63	0.334	-0.811	64	3.266	-0.128	
316s	forecast	95	56.42	-0.273	86	-0.260	90	-0.247	91	88	38.10	-0.630	78	85.67	0.500	78	0.614	-0.112	78	0.166	-0.073	77	0.325	-0.779	78	3.443	-0.391	
70	fleil	39	51.28	-0.295	88	-0.271	91	-0.247	90	28	30.88	-0.683	30	85.56	0.583	29	0.517	-0.307	29	0.113	-0.192	29	0.302	-0.641	30	3.398	-0.243	
475	AMU-Biology	107	56.63	-0.247	83	-0.292	92	-0.336	100	95	38.38	-0.512	84	76.93	0.209	83	0.604	-0.168	83	0.148	-0.244	83	0.331	-0.664	84	3.541	-0.638	
166s	FEIG	120	58.39	0.126	50	-0.292	93	-0.710	111	108	39.21	-0.222	96	36.29	-1.165	95	0.534	-0.684	95	0.137	-0.344	95	0.341	-0.427	96	3.946	-1.415	
454s	LOOPP_Server	100	55.59	-0.401	93	-0.293	94	-0.185	87	89	38.70	-0.407	78	85.15	0.464	77	0.637	0.048	77	0.164	-0.099	77	0.316	-0.850	78	3.347	-0.266	
479s	RBO-Proteus	25	48.41	-1.361	108	-0.302	95	0.756	6	13	29.14	-1.208	18	99.73	0.973	17	0.621	0.357	17	0.113	0.063	17	0.420	0.806	18	1.072	3.548	
387	Jones-UCL	127	57.12	0.071	54	-0.323	96	-0.717	112	114	36.84	-0.597	100	56.15	-0.458	99	0.500	-0.870	99	0.118	-0.618	99	0.297	-1.028	100	3.627	-0.732	
085s	Frankenstein	105	55.10	-0.341	89	-0.334	97	-0.326	99	92	36.32	-0.618</																

group ID	group name	GDT-HA				6full+GDT-HA				6full				GDC-sc			MCRS			HBmc			HBsc			corRot			MPscore		
		n	raw	Z	rank	Z	rank	Z	rank	n	raw	Z	n	raw	Z	n	raw	Z	n	raw	Z	n	raw	Z	n	raw	Z	n	raw	Z	
157s	3Dpro	108	55.77	-0.545	97	-0.457	101	-0.369	104	97	37.28	-0.790	88	82.91	0.397	88	0.577	-0.449	88	0.163	-0.136	87	0.321	-0.796	88	3.444	-0.440				
113	Softberry	40	49.18	-0.639	100	-0.458	102	-0.277	94	29	32.44	-0.583	27	50.03	-0.660	26	0.562	-0.156	26	0.126	0.072	25	0.337	-0.242	27	3.319	-0.094				
318s	panther_server	107	54.53	-0.660	101	-0.469	103	-0.279	95	101	38.60	-0.487	86	56.71	-0.491	86	0.549	-0.720	86	0.216	0.662	85	0.321	-0.835	86	3.156	0.197				
002s	ACOMPMOD	96	52.86	-0.789	103	-0.592	104	-0.395	105	88	35.28	-0.894	78	87.13	0.538	77	0.588	-0.353	77	0.139	-0.417	77	0.314	-0.938	78	3.366	-0.307				
427s	3DShot2	121	53.62	-0.586	99	-0.696	105	-0.807	113	108	36.65	-0.622	98	36.51	-1.152	97	0.527	-0.691	97	0.109	-0.694	97	0.345	-0.408	98	3.882	-1.273				
493	Kolinski	44	47.93	-0.786	102	-0.836	106	-0.886	114	32	30.66	-0.830	32	14.59	-1.951	31	0.425	-1.288	31	0.079	-0.520	31	0.336	-0.308	32	3.502	-0.421				
164s	FOLDpro	85	50.82	-1.172	107	-0.896	107	-0.620	110	74	31.40	-1.497	71	84.05	0.431	70	0.509	-0.868	70	0.127	-0.456	70	0.306	-0.917	71	3.423	-0.416				
462s	MUFOLD-Server	85	55.27	-0.978	106	-1.010	108	-1.041	116	75	37.63	-1.031	65	1.22	-2.596	65	0.525	-1.109	65	0.119	-0.768	64	0.415	0.312	65	3.687	-1.058				
095s	rehtnap	77	52.16	-1.493	110	-1.023	109	-0.553	107	72	38.14	-0.981	62	63.40	-0.341	62	0.525	-1.148	62	0.213	0.386	61	0.299	-1.285	62	3.159	0.053				
463	xianmingpan	87	50.93	-1.850	111	-1.103	110	-0.357	101	80	37.00	-1.337	68	67.58	-0.224	67	0.548	-1.124	67	0.190	0.028	67	0.311	-1.124	68	2.387	1.640				
183	StruPPi	26	47.10	-1.464	109	-1.393	111	-1.321	117	18	28.52	-1.539	21	48.28	-0.809	20	0.396	-1.763	20	0.099	-0.444	20	0.220	-1.745	21	4.084	-1.628				
073s	Distill	83	49.94	-2.042	112	-1.806	112	-1.570	119	77	32.36	-2.053	62	0.52	-2.619	62	0.371	-2.460	62	0.090	-1.296	61	0.388	-0.178	62	3.553	-0.814				
14	SMEG-CCP	104	46.52	-2.106	113	-2.256	113	-2.405	120	92	31.41	-1.993	83	16.15	-1.973	82	0.128	-4.559	82	0.049	-1.704	82	0.230	-2.112	83	4.225	-2.089				

Only groups with at least 20 qualifying models are included, here and in the main text.

(A qualifying model is the best model by GDT-TS of the up to 5 submissions for a given target by a group, and must have GDT-HA > 33.)

n: number of models considered per group

raw: average raw score over all qualifying models per group

Z: average Z-score over all qualifying models per group

rank: simple group ranking based on average Z-score across qualifying groups

MCRS = mainchain "reality" score: all-atom clashes, Ramachandran outliers, bond length or angle outliers for backbone

MPscore = MolProbity score: all-atom clashes, Ramachandran and rotamer outliers (scaled) for whole model

HBmc = fraction of target mainchain Hbonds matched in model

HBsc = fraction of target sidechain Hbonds matched in model

GDC-sc = GDT-style score for atom at end of each sidechain except Gly or Ala, 0.5 to 5Å limits (by LGA program)

corRot = fraction of target sidechain rotamers matched by model (all chi angles)

6full = average of all 6 full-model-measure Z-scores; over all best models with GDT-HA > 33

6full+GDT-HA = average of (1) by-domain, best-model GDT-HA Z-score and (2) average of 6 full-model-measure Z-scores