CASP16_TWO-STATE_TABLES

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Supplementary Table S1: Results for M1228 BestDockQ Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_BestDockQ	V2_BestDockQ	V1_Model	V2_Model
TS294	KiharaLab	1.61	0.98	0.79	0.82	TS294_v1_1	TS294_v2_1
TS033	Diff	1.52	0.96	0.73	0.79	TS033_v1_4	TS033_v2_5
TS462	Zheng	1.49	0.91	0.81	0.68	TS462_v1_3	TS462_v2_3
TS204	Zou	1.48	0.88	0.65	0.83	TS204_v1_2	TS204_v2_2
TS325	405	1.42	0.86	0.61	0.81	TS325_v1_1	TS325_v2_1
TS159	406	1.42	0.86	0.61	0.81	TS159_v1_1	TS159_v2_1
TS304	AF3-server	1.40	0.85	0.59	0.81	TS304_v1_2	TS304_v2_3
TS241	elofsson	1.37	0.86	0.58	0.78	TS241_v1_3	TS241_v2_1
TS091	Huang-HUST	1.36	0.90	0.75	0.61	TS091_v1_3	TS091_v2_2
TS262	CoDock	1.31	0.95	0.69	0.62	TS262_v1_1	TS262_v2_3
TS231	B-LAB	1.29	0.81	0.53	0.77	TS231_v1_2	TS231_v2_1
TS489	Fernandez-Recio	1.29	0.99	0.65	0.64	TS489_v1_1	TS489_v2_1
TS481	Vfold	1.26	0.96	0.60	0.65	TS481_v1_4	TS481_v2_2
TS208	falcon2	1.24	0.81	0.50	0.74	TS208_v1_1	TS208_v2_5
TS286	CSSB_experimental	1.19	0.99	0.59	0.60	TS286_v1_1	TS286_v2_1
TS110	MIEnsembles-Server	1.19	0.93	0.55	0.63	TS110_v1_3	TS110_v2_5
TS028	NKRNA-s	1.16	0.95	0.55	0.61	TS028_v1_4	TS028_v2_4
TS450	OpenComplex_Server	1.07	0.96	0.51	0.56	TS450_v1_1	TS450_v2_2
TS167	OpenComplex	1.07	0.96	0.51	0.56	TS167_v1_1	TS167_v2_2
TS022	Yang	0.38	0.94	0.18	0.20	TS022_v1_4	TS022_v2_5
TS052	Yang-Server	0.38	0.93	0.18	0.20	TS052_v1_3	TS052_v2_5
TS456	Yang-Multimer	0.36	0.98	0.17	0.18	TS456_v1_4	TS456_v2_5
TS494	ClusPro	0.34	0.98	0.17	0.17	TS494_v1_2	TS494_v2_3
TS274	kozakovvajda	0.34	0.98	0.17	0.17	TS274_v1_2	TS274_v2_3
TS014	Cool-PSP	0.32	0.88	0.18	0.14	TS014_v1_4	TS014_v2_4

Supplementary Table S2: Results for M1228 GDT TS Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_GDT_TS	V2_GDT_TS	V1_Model	V2_Model
TS294	KiharaLab	0.71	0.97	36.90	34.50	TS294_v1_1	TS294_v2_1
TS204	Zou	0.71	0.98	36.40	35.00	TS204_v1_1	TS204_v2_2
TS033	Diff	0.69	0.99	34.30	34.90	TS033_v2_5	TS033_v1_5
TS304	AF3-server	0.69	0.97	35.50	33.70	TS304_v1_3	TS304_v2_3
TS052	Yang-Server	0.69	0.98	33.70	35.40	TS052_v1_4	TS052_v2_4
TS286	CSSB_experimental	0.69	0.98	33.80	35.00	TS286_v2_4	TS286_v1_1
TS481	Vfold	0.67	0.95	35.50	31.80	TS481_v1_3	TS481_v2_1
TS456	Yang-Multimer	0.66	0.93	30.70	35.60	TS456_v1_3	TS456_v2_3
TS241	elofsson	0.66	0.93	30.60	35.10	TS241_v2_5	TS241_v1_1
TS022	Yang	0.66	0.98	33.30	32.30	TS022_v1_4	TS022_v2_4
TS462	Zheng	0.65	0.87	36.70	28.50	TS462_v1_3	TS462_v2_1
TS494	ClusPro	0.65	0.95	30.80	34.10	TS494_v1_2	TS494_v2_1
TS274	kozakovvajda	0.65	0.95	30.80	34.10	TS274_v1_2	TS274_v2_1
TS091	Huang-HUST	0.65	0.95	34.00	30.80	TS091_v1_3	TS091_v2_2
TS323	Yan	0.63	0.95	29.70	32.90	TS323_v1_1	TS323_v2_1
TS167	OpenComplex	0.62	0.98	30.60	31.70	TS167_v1_1	TS167_v2_4
TS450	OpenComplex_Server	0.62	0.98	30.60	31.70	TS450_v1_1	TS450_v2_4
TS028	NKRNA-s	0.61	0.96	31.90	29.40	TS028_v2_5	TS028_v1_2
TS489	Fernandez-Recio	0.61	0.97	31.20	29.40	TS489_v1_2	TS489_v2_2
TS014	Cool-PSP	0.60	0.84	25.30	34.60	TS014_v1_1	TS014_v2_5
TS110	MIEnsembles-Server	0.59	0.95	31.20	28.00	TS110_v2_4	TS110_v1_1
TS159	406	0.59	0.88	26.00	33.00	TS159_v1_1	TS159_v2_1
TS325	405	0.59	0.88	26.00	33.00	TS325_v1_1	TS325_v2_1
TS262	CoDock	0.55	0.77	34.00	21.30	TS262_v1_1	TS262_v2_2
TS231	B-LAB	0.47	0.49	11.70	35.80	TS231_v1_5	TS231_v2_1
TS208	falcon2	0.45	0.51	11.60	33.60	TS208_v2_5	TS208_v1_1

Supplementary Table S3: Results for M1228 GlobalLDDT Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_GlobalLDDT	V2_GlobalLDDT	V1_Model	V2_Model
TS204	Zou	1.33	0.97	0.65	0.68	TS204_v1_5	TS204_v2_5
TS294	KiharaLab	1.32	1.00	0.66	0.66	TS294_v1_1	TS294_v2_3
TS091	Huang-HUST	1.31	0.98	0.66	0.64	TS091_v1_3	TS091_v2_2
TS033	Diff	1.29	1.00	0.65	0.65	TS033_v1_4	TS033_v2_4
TS462	Zheng	1.29	0.97	0.67	0.62	TS462_v1_3	TS462_v2_2
TS241	elofsson	1.28	0.97	0.62	0.66	TS241_v1_3	TS241_v2_1
TS325	405	1.27	0.98	0.62	0.65	TS325_v1_1	TS325_v2_1
TS159	406	1.27	0.98	0.62	0.65	TS159_v1_1	TS159_v2_1
TS110	MIEnsembles-Server	1.27	0.98	0.62	0.65	TS110_v1_4	TS110_v2_3
TS028	NKRNA-s	1.27	0.98	0.62	0.65	TS028_v1_5	TS028_v2_4
TS481	Vfold	1.26	0.99	0.62	0.64	TS481_v1_1	TS481_v2_1
TS304	AF3-server	1.26	0.97	0.61	0.65	TS304_v1_3	TS304_v2_1
TS286	CSSB_experimental	1.26	1.00	0.63	0.63	TS286_v1_1	TS286_v2_1
TS208	falcon2	1.25	0.98	0.61	0.64	TS208_v1_1	TS208_v2_5
TS262	CoDock	1.25	0.99	0.63	0.62	TS262_v1_1	TS262_v2_3
TS231	B-LAB	1.25	0.98	0.61	0.64	TS231_v1_2	TS231_v2_5
TS450	OpenComplex_Server	1.23	1.00	0.62	0.61	TS450_v1_4	TS450_v2_5
TS167	OpenComplex	1.23	1.00	0.62	0.61	TS167_v1_4	TS167_v2_5
TS489	Fernandez-Recio	1.20	0.96	0.62	0.57	TS489_v1_2	TS489_v2_1
TS022	Yang	1.04	0.99	0.53	0.52	TS022_v1_3	TS022_v2_3
TS323	Yan	1.04	1.00	0.52	0.52	TS323_v1_1	TS323_v2_1
TS456	Yang-Multimer	1.04	1.00	0.52	0.52	TS456_v1_1	TS456_v2_5
TS052	Yang-Server	1.03	1.00	0.52	0.52	TS052_v1_1	TS052_v2_5
TS014	Cool-PSP	1.03	0.99	0.52	0.51	TS014_v1_3	TS014_v2_3
TS494	ClusPro	1.00	1.00	0.50	0.50	TS494_v1_2	TS494_v2_3
TS274	kozakovvajda	1.00	1.00	0.50	0.50	TS274_v1_2	TS274_v2_3

Supplementary Table S4: Results for M1228 GlobDockQ Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_GlobDockQ	V2_GlobDockQ	V1_Model	V2_Model
TS294	KiharaLab	0.72	0.96	0.34	0.37	TS294_v1_1	TS294_v2_1
TS033	Diff	0.68	0.94	0.32	0.36	TS033_v1_4	TS033_v2_5
TS462	Zheng	0.66	0.93	0.35	0.31	TS462_v1_3	TS462_v2_3
TS204	Zou	0.66	0.86	0.28	0.38	TS204_v1_2	TS204_v2_2
TS022	Yang	0.64	0.94	0.30	0.34	TS022_v1_4	TS022_v2_5
TS159	406	0.64	0.83	0.27	0.37	TS159_v1_1	TS159_v2_1
TS325	405	0.64	0.83	0.27	0.37	TS325_v1_1	TS325_v2_1
TS052	Yang-Server	0.63	0.93	0.29	0.34	TS052_v1_3	TS052_v2_5
TS304	AF3-server	0.62	0.83	0.26	0.37	TS304_v1_2	TS304_v2_3
TS241	elofsson	0.61	0.83	0.25	0.35	TS241_v1_3	TS241_v2_1
TS091	Huang-HUST	0.60	0.93	0.32	0.28	TS091_v1_3	TS091_v2_2
TS456	Yang-Multimer	0.59	0.98	0.29	0.30	TS456_v1_4	TS456_v2_5
TS262	CoDock	0.58	0.97	0.30	0.28	TS262_v1_1	TS262_v2_3
TS231	B-LAB	0.58	0.79	0.23	0.35	TS231_v1_5	TS231_v2_1
TS489	Fernandez-Recio	0.57	0.98	0.28	0.29	TS489_v1_1	TS489_v2_1
TS494	ClusPro	0.56	0.98	0.28	0.29	TS494_v1_2	TS494_v2_3
TS274	kozakovvajda	0.56	0.98	0.28	0.29	TS274_v1_2	TS274_v2_3
TS481	Vfold	0.56	0.94	0.26	0.30	TS481_v1_4	TS481_v2_2
TS208	falcon2	0.55	0.79	0.22	0.34	TS208_v1_1	TS208_v2_5
TS286	CSSB_experimental	0.53	0.97	0.26	0.27	TS286_v1_1	TS286_v2_1
TS110	MIEnsembles-Server	0.53	0.91	0.24	0.29	TS110_v1_3	TS110_v2_5
TS014	Cool-PSP	0.53	0.88	0.29	0.23	TS014_v1_4	TS014_v2_4
TS028	NKRNA-s	0.52	0.93	0.24	0.28	TS028_v1_4	TS028_v2_4
TS450	OpenComplex_Server	0.48	0.93	0.22	0.25	TS450_v1_4	TS450_v2_2
TS167	OpenComplex	0.48	0.93	0.22	0.25	TS167_v1_4	TS167_v2_2

Supplementary Table S5: Results for M1228 TMscore Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_TMscore	V2_TMscore	V1_Model	V2_Model
TS028	NKRNA-s	1.56	0.98	0.80	0.76	TS028_v2_5	TS028_v1_5
TS462	Zheng	1.55	1.00	0.77	0.78	TS462_v1_1	TS462_v2_1
TS481	Vfold	1.54	0.97	0.74	0.79	TS481_v1_4	TS481_v2_1
TS286	CSSB_experimental	1.52	0.98	0.75	0.77	TS286_v2_5	TS286_v1_3
TS091	Huang-HUST	1.50	0.95	0.71	0.79	TS091_v2_1	TS091_v1_2
TS052	Yang-Server	1.50	0.92	0.69	0.81	TS052_v2_3	TS052_v1_1
TS033	Diff	1.50	0.94	0.71	0.79	TS033_v1_5	TS033_v2_2
TS022	Yang	1.50	0.93	0.70	0.80	TS022_v1_4	TS022_v2_2
TS450	OpenComplex_Server	1.49	0.95	0.79	0.71	TS450_v2_4	TS450_v1_1
TS167	OpenComplex	1.49	0.95	0.79	0.71	TS167_v2_4	TS167_v1_1
TS304	AF3-server	1.49	0.95	0.71	0.78	TS304_v1_4	TS304_v2_5
TS262	CoDock	1.49	0.94	0.80	0.70	TS262_v1_1	TS262_v2_3
TS494	ClusPro	1.46	0.95	0.69	0.77	TS494_v2_2	TS494_v1_3
TS274	kozakovvajda	1.46	0.95	0.69	0.77	TS274_v2_2	TS274_v1_3
TS456	Yang-Multimer	1.46	0.92	0.67	0.78	TS456_v2_3	TS456_v1_1
TS204	Zou	1.45	1.00	0.73	0.73	TS204_v1_1	TS204_v2_1
TS241	elofsson	1.44	0.95	0.69	0.76	TS241_v1_3	TS241_v2_3
TS110	MIEnsembles-Server	1.44	0.91	0.66	0.79	TS110_v1_2	TS110_v2_3
TS294	KiharaLab	1.44	0.99	0.72	0.72	TS294_v1_5	TS294_v2_1
TS369	Bhattacharya	1.40	0.98	0.72	0.69	TS369_v2_5	TS369_v1_2
TS231	B-LAB	1.40	0.97	0.68	0.72	TS231_v1_2	TS231_v2_1
TS208	falcon2	1.37	0.97	0.70	0.67	TS208_v2_5	TS208_v1_1
TS489	Fernandez-Recio	1.37	0.97	0.67	0.70	TS489_v2_2	TS489_v1_2
TS323	Yan	1.33	0.98	0.65	0.68	TS323_v1_1	TS323_v2_1
TS325	405	1.32	0.95	0.63	0.69	TS325_v1_1	TS325_v2_1
TS159	406	1.32	0.95	0.63	0.69	TS159_v1_1	TS159_v2_1
TS014	Cool-PSP	1.31	0.92	0.61	0.71	TS014_v1_4	TS014_v2_5

Supplementary Table S6: Results for M1239 BestDockQ Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_BestDockQ	V2_BestDockQ	V1_Model	V2_Model
TS294	KiharaLab	1.53	0.97	0.79	0.74	TS294_v1_4	TS294_v2_3
TS286	CSSB_experimental	1.49	0.99	0.76	0.74	TS286_v1_4	TS286_v2_1
TS110	MIEnsembles-Server	1.47	0.88	0.82	0.65	TS110_v1_1	TS110_v2_4
TS489	Fernandez-Recio	1.34	0.86	0.77	0.57	TS489_v1_5	TS489_v2_4
TS208	falcon2	1.34	0.91	0.73	0.61	TS208_v1_2	TS208_v2_4
TS481	Vfold	1.32	0.84	0.77	0.55	TS481_v1_4	TS481_v2_2
TS325	405	1.27	0.91	0.70	0.58	TS325_v1_2	TS325_v2_2
TS159	406	1.27	0.91	0.70	0.58	TS159_v1_2	TS159_v2_2
TS167	OpenComplex	1.24	0.78	0.76	0.49	TS167_v1_4	TS167_v2_5
TS450	OpenComplex_Server	1.24	0.78	0.76	0.49	TS450_v1_4	TS450_v2_5
TS091	Huang-HUST	1.22	0.92	0.66	0.56	TS091_v1_5	TS091_v2_5
TS262	CoDock	1.21	0.90	0.67	0.54	TS262_v1_5	TS262_v2_4
TS033	Diff	1.20	0.90	0.66	0.54	TS033_v1_3	TS033_v2_3
TS028	NKRNA-s	1.17	0.99	0.59	0.58	TS028_v1_3	TS028_v2_3
TS462	Zheng	1.15	0.98	0.59	0.57	TS462_v1_4	TS462_v2_5
TS231	B-LAB	1.13	0.84	0.65	0.48	TS231_v1_2	TS231_v2_5
TS235	isyslab-hust	0.90	0.98	0.46	0.44	TS235_v1_1	TS235_v2_5
TS272	GromihaLab	0.78	0.87	0.45	0.34	TS272_v1_3	TS272_v2_3
TS241	elofsson	0.68	0.93	0.36	0.32	TS241_v1_3	TS241_v2_3
TS304	AF3-server	0.64	1.00	0.32	0.32	TS304_v1_1	TS304_v2_4
TS014	Cool-PSP	0.27	0.91	0.15	0.12	TS014_v1_1	TS014_v2_2

Supplementary Table S7: Results for M1239 GDT TS Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_GDT_TS	V2_GDT_TS	V1_Model	V2_Model
TS235	isyslab-hust	0.59	0.98	30.00	28.80	TS235_v2_4	TS235_v1_2
TS462	Zheng	0.59	0.96	30.60	28.20	TS462_v2_2	TS462_v1_4
TS028	NKRNA-s	0.57	0.96	29.80	27.70	TS028_v1_4	TS028_v2_2
TS110	MIEnsembles-Server	0.56	0.95	29.40	26.50	TS110_v1_1	TS110_v2_4
TS481	Vfold	0.54	0.99	27.40	27.00	TS481_v1_4	TS481_v2_5
TS286	CSSB_experimental	0.54	0.98	26.60	27.50	TS286_v1_5	TS286_v2_1
TS262	CoDock	0.54	0.96	28.00	26.00	TS262_v2_2	TS262_v1_4
TS294	KiharaLab	0.53	0.98	25.60	26.90	TS294_v2_2	TS294_v1_1
TS033	Diff	0.51	0.99	25.90	25.40	TS033_v2_1	TS033_v1_3
TS231	B-LAB	0.51	0.90	27.90	23.00	TS231_v2_1	TS231_v1_2
TS091	Huang-HUST	0.51	1.00	25.50	25.30	TS091_v1_2	TS091_v2_2
TS489	Fernandez-Recio	0.51	0.99	25.60	24.90	TS489_v1_3	TS489_v2_5
TS208	falcon2	0.46	0.72	29.70	16.70	TS208_v1_4	TS208_v2_1
TS167	OpenComplex	0.44	0.74	27.90	16.40	TS167_v1_5	TS167_v2_5
TS450	OpenComplex_Server	0.44	0.74	27.90	16.40	TS450_v1_5	TS450_v2_5
TS325	405	0.41	0.76	25.20	15.50	TS325_v1_2	TS325_v2_2
TS159	406	0.41	0.76	25.20	15.50	TS159_v1_2	TS159_v2_2
TS014	Cool-PSP	0.40	0.98	19.40	20.20	TS014_v1_5	TS014_v2_4
TS241	elofsson	0.37	0.98	18.10	18.70	TS241_v2_1	TS241_v1_3
TS304	AF3-server	0.37	0.96	19.20	17.60	TS304_v2_5	TS304_v1_1
TS272	GromihaLab	0.29	1.00	14.60	14.60	TS272_v1_3	TS272_v2_5

Supplementary Table S8: Results for M1239 GlobalLDDT Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_GlobalLDDT	V2_GlobalLDDT	V1_Model	V2_Model
TS286	CSSB_experimental	1.47	1.00	0.73	0.73	TS286_v1_4	TS286_v2_1
TS294	KiharaLab	1.45	0.98	0.74	0.71	TS294_v1_5	TS294_v2_5
TS110	MIEnsembles-Server	1.40	0.96	0.73	0.67	TS110_v1_1	TS110_v2_5
TS489	Fernandez-Recio	1.40	0.97	0.72	0.68	TS489_v1_5	TS489_v2_4
TS208	falcon2	1.40	1.00	0.70	0.70	TS208_v1_1	TS208_v2_5
TS262	CoDock	1.39	0.99	0.70	0.69	TS262_v1_2	TS262_v2_1
TS462	Zheng	1.38	1.00	0.69	0.69	TS462_v1_4	TS462_v2_2
TS028	NKRNA-s	1.38	1.00	0.69	0.69	TS028_v1_3	TS028_v2_3
TS481	Vfold	1.37	0.96	0.71	0.66	TS481_v1_1	TS481_v2_4
TS159	406	1.36	1.00	0.68	0.68	TS159_v1_1	TS159_v2_1
TS325	405	1.35	0.99	0.68	0.67	TS325_v1_1	TS325_v2_2
TS450	OpenComplex_Server	1.35	0.98	0.69	0.66	TS450_v1_1	TS450_v2_5
TS167	OpenComplex	1.35	0.98	0.69	0.66	TS167_v1_1	TS167_v2_5
TS231	B-LAB	1.32	0.97	0.68	0.64	TS231_v1_1	TS231_v2_1
TS091	Huang-HUST	1.31	1.00	0.66	0.65	TS091_v1_5	TS091_v2_5
TS033	Diff	1.30	0.99	0.66	0.65	TS033_v1_4	TS033_v2_4
TS235	isyslab-hust	1.30	1.00	0.65	0.65	TS235_v1_1	TS235_v2_2
TS272	GromihaLab	1.27	1.00	0.64	0.63	TS272_v1_4	TS272_v2_4
TS014	Cool-PSP	1.01	0.99	0.51	0.50	TS014_v1_4	TS014_v2_6
TS241	elofsson	0.74	0.99	0.38	0.36	TS241_v1_2	TS241_v2_3
TS304	AF3-server	0.72	1.00	0.36	0.36	TS304_v1_3	TS304_v2_2

Supplementary Table S9: Results for M1239 GlobDockQ Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_GlobDockQ	V2_GlobDockQ	V1_Model	V2_Model
TS294	KiharaLab	0.71	0.99	0.36	0.35	TS294_v1_4	TS294_v2_3
TS286	CSSB_experimental	0.69	0.99	0.34	0.35	TS286_v1_4	TS286_v2_1
TS110	MIEnsembles-Server	0.68	0.91	0.37	0.31	TS110_v1_1	TS110_v2_4
TS241	elofsson	0.65	0.98	0.33	0.32	TS241_v1_3	TS241_v2_3
TS235	isyslab-hust	0.64	0.98	0.33	0.32	TS235_v1_1	TS235_v2_5
TS489	Fernandez-Recio	0.62	0.88	0.35	0.27	TS489_v1_5	TS489_v2_4
TS208	falcon2	0.62	0.93	0.33	0.29	TS208_v1_2	TS208_v2_4
TS304	AF3-server	0.61	0.95	0.29	0.32	TS304_v1_1	TS304_v2_4
TS481	Vfold	0.61	0.86	0.35	0.26	TS481_v1_4	TS481_v2_2
TS325	405	0.59	0.93	0.32	0.28	TS325_v1_2	TS325_v2_2
TS159	406	0.59	0.93	0.32	0.28	TS159_v1_2	TS159_v2_2
TS167	OpenComplex	0.58	0.81	0.34	0.23	TS167_v1_4	TS167_v2_5
TS450	OpenComplex_Server	0.58	0.81	0.34	0.23	TS450_v1_4	TS450_v2_5
TS091	Huang-HUST	0.57	0.94	0.30	0.27	TS091_v1_5	TS091_v2_5
TS262	CoDock	0.56	0.92	0.30	0.26	TS262_v1_5	TS262_v2_4
TS033	Diff	0.56	0.92	0.30	0.26	TS033_v1_3	TS033_v2_3
TS028	NKRNA-s	0.54	0.99	0.27	0.28	TS028_v1_3	TS028_v2_3
TS462	Zheng	0.54	0.99	0.27	0.27	TS462_v1_4	TS462_v2_5
TS231	B-LAB	0.52	0.87	0.30	0.23	TS231_v1_2	TS231_v2_5
TS014	Cool-PSP	0.46	0.91	0.25	0.21	TS014_v1_1	TS014_v2_2
TS272	GromihaLab	0.36	0.89	0.20	0.16	TS272_v1_3	TS272_v2_3

Supplementary Table S10: Results for M1239 TMscore Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_TMscore	V2_TMscore	V1_Model	V2_Model
TS294	KiharaLab	1.45	0.88	0.81	0.64	TS294_v1_1	TS294_v2_3
TS462	Zheng	1.41	0.93	0.75	0.66	TS462_v2_3	TS462_v1_1
TS110	MIEnsembles-Server	1.39	0.95	0.73	0.66	TS110_v2_5	TS110_v1_1
TS262	CoDock	1.37	0.92	0.74	0.63	TS262_v1_3	TS262_v2_4
TS028	NKRNA-s	1.37	0.94	0.72	0.64	TS028_v1_5	TS028_v2_1
TS235	isyslab-hust	1.35	1.00	0.67	0.68	TS235_v2_4	TS235_v1_5
TS489	Fernandez-Recio	1.33	0.94	0.71	0.63	TS489_v2_2	TS489_v1_3
TS481	Vfold	1.32	0.98	0.67	0.65	TS481_v1_5	TS481_v2_5
TS204	Zou	1.29	0.99	0.64	0.65	TS204_v2_1	TS204_v1_5
TS208	falcon2	1.27	0.95	0.67	0.60	TS208_v1_4	TS208_v2_1
TS325	405	1.27	0.99	0.64	0.63	TS325_v1_2	TS325_v2_2
TS159	406	1.27	0.99	0.64	0.63	TS159_v1_2	TS159_v2_2
TS286	CSSB_experimental	1.27	0.98	0.65	0.62	TS286_v1_2	TS286_v2_2
TS033	Diff	1.25	0.97	0.65	0.61	TS033_v2_4	TS033_v1_2
TS231	B-LAB	1.25	0.97	0.64	0.60	TS231_v1_2	TS231_v2_1
TS091	Huang-HUST	1.23	0.96	0.64	0.59	TS091_v2_2	TS091_v1_5
TS369	Bhattacharya	1.22	1.00	0.61	0.61	TS369_v2_3	TS369_v1_3
TS167	OpenComplex	1.19	0.96	0.57	0.62	TS167_v2_1	TS167_v1_1
TS450	OpenComplex_Server	1.19	0.96	0.57	0.62	TS450_v2_1	TS450_v1_1
TS014	Cool-PSP	1.06	0.98	0.52	0.54	TS014_v1_5	TS014_v2_4
TS272	GromihaLab	0.77	0.93	0.36	0.41	TS272_v2_1	TS272_v1_3
TS241	elofsson	0.69	0.97	0.35	0.34	TS241_v1_4	TS241_v2_1
TS304	AF3-server	0.66	0.99	0.33	0.33	TS304_v2_4	TS304_v1_1

Supplementary Table S11: Results for R1203 Composite Score 4 Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_Composite_Score_4	V2_Composite_Score_4	V1_Model	V2_Model
TS304	AF3-server	85.08	0.82	50.07	35.01	TS304_v1_3	TS304_v2_2
TS241	elofsson	85.08	0.82	50.07	35.01	TS241_v1_3	TS241_v2_2
TS235	isyslab-hust	83.60	0.89	46.42	37.18	TS235_v1_2	TS235_v2_5
TS435	RNAFOLDX	77.05	0.76	47.74	29.31	TS435_v1_5	TS435_v2_6
TS369	Bhattacharya	73.39	0.90	40.37	33.02	TS369_v1_2	TS369_v2_5
TS006	RNA_Dojo	70.31	0.88	30.80	39.51	TS006_v1_1	TS006_v2_3
TS272	GromihaLab	67.08	0.93	31.19	35.89	TS272_v1_4	TS272_v2_1
TS231	B-LAB	66.58	0.85	28.13	38.45	TS231_v1_1	TS231_v2_5
TS159	406	59.61	0.94	31.73	27.89	TS159_v1_2	TS159_v2_1
TS238	BRIQX	49.74	0.47	11.68	38.06	TS238_v1_2	TS238_v2_5
TS294	KiharaLab	42.72	0.50	10.72	31.99	TS294_v1_4	TS294_v2_1
TS267	kiharalab_server	42.25	0.90	19.02	23.23	TS267_v1_1	TS267_v2_3
TS167	OpenComplex	42.16	0.44	9.21	32.95	TS167_v1_5	TS167_v2_2
TS156	SoutheRNA	40.91	0.77	25.12	15.79	TS156_v1_1	TS156_v2_4
TS052	Yang-Server	39.88	1.00	19.93	19.95	TS052_v1_2	TS052_v2_1
TS028	NKRNA-s	36.51	0.66	24.46	12.05	TS028_v1_3	TS028_v2_2
TS165	dfr	35.44	0.63	11.21	24.23	TS165_v1_3	TS165_v2_5
TS400	OmniFold	35.24	0.0	0.00	35.24	N/A[1]	TS400_v2_1
TS110	MIEnsembles-Server	35.06	0.45	7.94	27.12	TS110_v1_2	TS110_v2_5
TS189	LCBio	34.89	0.66	23.45	11.44	TS189_v1_5	TS189_v2_1
TS417	GuangzhouRNA-meta	34.68	0.58	9.97	24.71	TS417_v1_5	TS417_v2_4
TS286	CSSB_experimental	34.08	0.90	18.77	15.31	TS286_v1_1	TS286_v2_3
TS276	FrederickFolding	33.62	0.0	0.00	33.62	N/A[1]	TS276_v2_1
TS317	GuangzhouRNA_AI	33.16	0.55	9.19	23.97	TS317_v1_5	TS317_v2_4
TS448	dNAfold	30.11	0.64	20.49	9.62	TS448_v1_1	TS448_v2_5
TS169	thermomaps	28.57	0.87	12.37	16.20	TS169_v1_5	TS169_v2_2
TS462	Zheng	27.64	0.57	7.94	19.70	TS462_v1_2	TS462_v2_1
TS183	GuangzhouRNA-human	26.84	0.80	16.07	10.77	TS183_v1_5	TS183_v2_3
TS481	Vfold	26.72	0.72	9.62	17.10	TS481_v1_4	TS481_v2_5
TS358	PerezLab_Gators	25.81	0.89	11.55	14.27	TS358_v1_2	TS358_v2_1
TS261	UNRES	25.29	0.76	9.56	15.73	TS261_v1_1	TS261_v2_3
TS338	GeneSilico	25.14	0.85	10.67	14.47	TS338_v1_5	TS338_v2_3
TS456	Yang-Multimer	23.94	0.89	13.31	10.63	TS456_v1_2	TS456_v2_4
TS094	SimRNA-Server	22.53	0.82	13.25	9.28	TS094_v1_2	TS094_v2_3
TS063	RNApolis	22.33	0.91	10.21	12.13	TS063_v1_4	TS063_v2_3
TS450	OpenComplex_Server	18.83	0.94	9.97	8.86	TS450_v1_2	TS450_v2_4
TS298	ShanghaiTech-human	9.18	0.0	9.18	0.00	TS298_v1_1	N/A[1]
TS423	ShanghaiTech-server	9.18	0.0	9.18	0.00	TS423_v1_1	N/A[1]
TS367	AIR	9.14	0.0	0.00	9.14	N/A[1]	TS367_v2_1
TS306	GeneSilicoRNA-server	6.35	0.0	0.00	6.35	N/A[1]	TS306_v2_1
TS208	falcon2	4.34	0.0	4.34	0.00	TS208_v1_1	N/A[1]
TS403	mmagnus	2.86	0.0	0.00	2.86	N/A[1]	TS403_v2_1

[1] Model either not submitted or not assessed

Supplementary Table S12: Results for R1203 GDT TS Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_GDT_TS	V2_GDT_TS	V1_Model	V2_Model
TS272	GromihaLab	1.16	0.94	54.85	61.57	TS272_v1_4	TS272_v2_1
TS304	AF3-server	1.15	0.96	55.22	60.26	TS304_v1_4	TS304_v2_2
TS241	elofsson	1.15	0.96	55.22	60.26	TS241_v1_4	TS241_v2_2
TS159	406	1.15	0.88	50.56	64.74	TS159_v1_2	TS159_v2_1
TS369	Bhattacharya	1.11	0.97	53.73	57.46	TS369_v1_5	TS369_v2_3
TS235	isyslab-hust	1.09	0.94	51.31	58.02	TS235_v1_5	TS235_v2_2
TS006	RNA_Dojo	1.09	0.99	53.92	55.22	TS006_v1_3	TS006_v2_1
TS231	B-LAB	1.09	0.84	45.71	63.06	TS231_v1_2	TS231_v2_5
TS238	BRIQX	1.08	0.90	59.52	48.69	TS238_v1_5	TS238_v2_2
TS294	KiharaLab	1.08	0.96	51.68	56.53	TS294_v1_2	TS294_v2_1
TS448	dNAfold	1.08	0.90	48.51	59.33	TS448_v1_3	TS448_v2_4
TS165	dfr	1.07	0.97	52.05	55.41	TS165_v1_3	TS165_v2_4
TS417	GuangzhouRNA-meta	1.07	0.99	52.61	54.10	TS417_v1_5	TS417_v2_3
TS435	RNAFOLDX	1.05	0.85	44.40	60.26	TS435_v1_1	TS435_v2_5
TS317	GuangzhouRNA_AI	1.03	0.99	51.87	50.75	TS317_v1_2	TS317_v2_3
TS183	GuangzhouRNA-human	1.02	0.97	52.80	49.44	TS183_v1_5	TS183_v2_2
TS286	CSSB_experimental	0.99	0.94	46.27	52.42	TS286_v1_3	TS286_v2_2
TS456	Yang-Multimer	0.99	1.00	49.44	49.25	TS456_v1_3	TS456_v2_1
TS338	GeneSilico	0.99	1.00	49.44	49.07	TS338_v1_5	TS338_v2_1
TS063	RNApolis	0.97	1.00	48.69	48.51	TS063_v1_4	TS063_v2_1
TS052	Yang-Server	0.96	0.99	47.95	48.51	TS052_v1_5	TS052_v2_1
TS189	LCBio	0.95	0.96	45.90	49.44	TS189_v1_5	TS189_v2_1
TS267	kiharalab_server	0.93	0.98	45.90	47.58	TS267_v1_4	TS267_v2_5
TS028	NKRNA-s	0.93	0.91	42.35	50.75	TS028_v1_4	TS028_v2_2
TS481	Vfold	0.92	0.95	43.66	47.95	TS481_v1_5	TS481_v2_4
TS167	OpenComplex	0.86	0.79	33.95	52.42	TS167_v1_1	TS167_v2_2
TS156	SoutheRNA	0.83	0.61	25.56	57.84	TS156_v1_4	TS156_v2_1
TS462	Zheng	0.74	0.97	36.19	38.06	TS462_v1_4	TS462_v2_5
TS110	MIEnsembles-Server	0.73	0.95	34.52	38.25	TS110_v1_3	TS110_v2_1
TS276	FrederickFolding	0.59	0.0	0.00	58.95	N/A[1]	TS276_v2_1
TS400	OmniFold	0.58	0.0	0.00	58.40	N/A[1]	TS400_v2_1
TS403	mmagnus	0.50	0.0	50.37	0.00	TS403_v1_1	N/A[1]
TS367	AIR	0.50	0.0	0.00	50.00	N/A[1]	TS367_v2_1
TS306	GeneSilicoRNA-server	0.48	0.0	48.32	0.00	TS306_v1_1	N/A[1]
TS358	PerezLab_Gators	0.47	0.83	27.43	19.59	TS358_v1_3	TS358_v2_4
TS094	SimRNA-Server	0.47	0.90	25.75	21.27	TS094_v1_5	TS094_v2_2
TS208	falcon2	0.42	0.0	42.16	0.00	TS208_v1_1	N/A[1]
TS423	ShanghaiTech-server	0.40	0.0	0.00	39.92	N/A[1]	TS423_v2_1
TS298	ShanghaiTech-human	0.40	0.0	0.00	39.92	N/A[1]	TS298_v2_1
TS169	thermomaps	0.37	0.93	19.59	17.16	TS169_v1_4	TS169_v2_2
TS261	UNRES	0.30	0.92	13.81	16.23	TS261_v1_4	TS261_v2_5
TS450	OpenComplex_Server	0.25	0.99	12.69	12.50	TS450_v1_5	TS450_v2_3

[1] Model either not submitted or not assessed

Supplementary Table S13: Results for R1203 GlobalLDDT Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_GlobalLDDT	V2_GlobalLDDT	V1_Model	V2_Model
TS304	AF3-server	1.65	1.00	0.83	0.82	TS304_v1_1	TS304_v2_3
TS241	elofsson	1.65	1.00	0.83	0.82	TS241_v1_1	TS241_v2_3
TS272	GromihaLab	1.65	1.00	0.82	0.82	TS272_v1_1	TS272_v2_5
TS369	Bhattacharya	1.64	1.00	0.82	0.81	TS369_v1_2	TS369_v2_3
TS235	isyslab-hust	1.63	0.99	0.82	0.81	TS235_v1_5	TS235_v2_2
TS006	RNA_Dojo	1.62	1.00	0.81	0.81	TS006_v1_3	TS006_v2_1
TS159	406	1.60	0.99	0.81	0.79	TS159_v1_2	TS159_v2_1
TS294	KiharaLab	1.60	0.96	0.83	0.77	TS294_v1_1	TS294_v2_2
TS238	BRIQX	1.56	0.95	0.82	0.74	TS238_v1_5	TS238_v2_2
TS183	GuangzhouRNA-human	1.54	1.00	0.77	0.77	TS183_v1_2	TS183_v2_5
TS286	CSSB_experimental	1.52	1.00	0.76	0.76	TS286_v1_2	TS286_v2_2
TS063	RNApolis	1.51	0.99	0.77	0.75	TS063_v1_3	TS063_v2_5
TS481	Vfold	1.50	1.00	0.75	0.75	TS481_v1_3	TS481_v2_4
TS435	RNAFOLDX	1.50	0.91	0.81	0.68	TS435_v1_5	TS435_v2_1
TS165	dfr	1.45	0.98	0.71	0.74	TS165_v1_2	TS165_v2_3
TS417	GuangzhouRNA-meta	1.44	1.00	0.72	0.71	TS417_v1_2	TS417_v2_1
TS231	B-LAB	1.43	0.87	0.81	0.63	TS231_v1_5	TS231_v2_2
TS189	LCBio	1.43	0.99	0.72	0.71	TS189_v1_2	TS189_v2_4
TS338	GeneSilico	1.42	1.00	0.71	0.71	TS338_v1_2	TS338_v2_5
TS456	Yang-Multimer	1.40	0.96	0.73	0.67	TS456_v1_1	TS456_v2_2
TS052	Yang-Server	1.39	0.99	0.70	0.69	TS052_v1_1	TS052_v2_5
TS448	dNAfold	1.38	0.96	0.66	0.72	TS448_v1_1	TS448_v2_5
TS167	OpenComplex	1.38	0.82	0.81	0.56	TS167_v1_2	TS167_v2_3
TS267	kiharalab_server	1.37	0.99	0.68	0.69	TS267_v1_5	TS267_v2_1
TS317	GuangzhouRNA_AI	1.35	0.94	0.63	0.72	TS317_v1_5	TS317_v2_4
TS028	NKRNA-s	1.35	0.96	0.70	0.65	TS028_v1_2	TS028_v2_3
TS450	OpenComplex_Server	1.13	0.99	0.57	0.56	TS450_v1_2	TS450_v2_3
TS462	Zheng	1.13	0.98	0.55	0.57	TS462_v1_4	TS462_v2_1
TS110	MIEnsembles-Server	1.12	0.97	0.55	0.58	TS110_v1_5	TS110_v2_1
TS156	SoutheRNA	1.11	0.93	0.59	0.52	TS156_v1_1	TS156_v2_4
TS358	PerezLab_Gators	1.10	0.92	0.51	0.59	TS358_v1_1	TS358_v2_3
TS169	thermomaps	0.85	0.90	0.38	0.47	TS169_v1_5	TS169_v2_4
TS276	FrederickFolding	0.82	0.0	0.82	0.00	TS276_v1_1	N/A[1]
TS400	OmniFold	0.82	0.0	0.82	0.00	TS400_v1_1	N/A[1]
TS261	UNRES	0.78	0.97	0.38	0.40	TS261_v1_1	TS261_v2_3
TS367	AIR	0.63	0.0	0.00	0.63	N/A[1]	TS367_v2_1
TS423	ShanghaiTech-server	0.54	0.0	0.54	0.00	TS423_v1_1	N/A[1]
TS298	ShanghaiTech-human	0.54	0.0	0.54	0.00	TS298_v1_1	N/A[1]
TS403	mmagnus	0.49	0.0	0.00	0.49	N/A[1]	TS403_v2_1
TS208	falcon2	0.39	0.0	0.39	0.00	TS208_v1_1	N/A[1]
TS094	SimRNA-Server	0.20	0.85	0.09	0.12	TS094_v1_3	TS094_v2_5
TS306	GeneSilicoRNA-server	0.01	0.0	0.01	0.00	TS306_v1_1	N/A[1]

[1] Model either not submitted or not assessed

Supplementary Table S14: Results for R1203 TMscore Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_TMscore	V2_TMscore	V1_Model	V2_Model
TS159	406	1.27	0.87	0.56	0.72	TS159_v1_2	TS159_v2_1
TS304	AF3-server	1.23	0.97	0.59	0.63	TS304_v1_1	TS304_v2_2
TS241	elofsson	1.23	0.97	0.59	0.63	TS241_v1_1	TS241_v2_2
TS272	GromihaLab	1.20	0.99	0.59	0.60	TS272_v1_4	TS272_v2_1
TS369	Bhattacharya	1.19	0.99	0.59	0.60	TS369_v1_5	TS369_v2_3
TS238	BRIQX	1.18	0.91	0.64	0.54	TS238_v1_5	TS238_v2_3
TS448	dNAfold	1.17	0.86	0.50	0.67	TS448_v1_3	TS448_v2_4
TS231	B-LAB	1.16	0.92	0.53	0.63	TS231_v1_2	TS231_v2_5
TS006	RNA_Dojo	1.16	1.00	0.58	0.58	TS006_v1_3	TS006_v2_1
TS165	dfr	1.15	0.96	0.56	0.60	TS165_v1_3	TS165_v2_4
TS417	GuangzhouRNA-meta	1.14	0.99	0.56	0.58	TS417_v1_2	TS417_v2_3
TS235	isyslab-hust	1.14	0.95	0.54	0.59	TS235_v1_5	TS235_v2_2
TS294	KiharaLab	1.12	0.95	0.59	0.53	TS294_v1_1	TS294_v2_4
TS317	GuangzhouRNA_AI	1.12	0.98	0.57	0.55	TS317_v1_2	TS317_v2_3
TS435	RNAFOLDX	1.11	0.89	0.50	0.61	TS435_v1_4	TS435_v2_5
TS183	GuangzhouRNA-human	1.10	0.98	0.56	0.54	TS183_v1_2	TS183_v2_3
TS456	Yang-Multimer	1.09	0.98	0.56	0.53	TS456_v1_3	TS456_v2_1
TS063	RNApolis	1.08	0.97	0.56	0.53	TS063_v1_4	TS063_v2_1
TS052	Yang-Server	1.08	0.99	0.54	0.54	TS052_v1_3	TS052_v2_5
TS286	CSSB_experimental	1.06	0.93	0.49	0.57	TS286_v1_4	TS286_v2_3
TS267	kiharalab_server	1.05	0.99	0.52	0.53	TS267_v1_4	TS267_v2_5
TS189	LCBio	1.05	0.94	0.49	0.56	TS189_v1_5	TS189_v2_1
TS028	NKRNA-s	1.02	0.92	0.55	0.47	TS028_v1_2	TS028_v2_4
TS481	Vfold	1.01	0.96	0.48	0.53	TS481_v1_5	TS481_v2_4
TS338	GeneSilico	1.00	0.97	0.49	0.51	TS338_v1_5	TS338_v2_2
TS167	OpenComplex	0.98	0.84	0.41	0.57	TS167_v1_1	TS167_v2_2
TS462	Zheng	0.90	0.98	0.44	0.46	TS462_v1_4	TS462_v2_3
TS110	MIEnsembles-Server	0.89	0.95	0.42	0.47	TS110_v1_3	TS110_v2_1
TS156	SoutheRNA	0.86	0.60	0.26	0.60	TS156_v1_4	TS156_v2_1
TS400	OmniFold	0.65	0.0	0.00	0.65	N/A[1]	TS400_v2_1
TS276	FrederickFolding	0.59	0.0	0.00	0.59	N/A[1]	TS276_v2_1
TS403	mmagnus	0.57	0.0	0.57	0.00	TS403_v1_1	N/A[1]
TS358	PerezLab_Gators	0.56	0.85	0.32	0.24	TS358_v1_3	TS358_v2_2
TS094	SimRNA-Server	0.56	0.92	0.30	0.26	TS094_v1_5	TS094_v2_2
TS306	GeneSilicoRNA-server	0.55	0.0	0.55	0.00	TS306_v1_1	N/A[1]
TS367	AIR	0.55	0.0	0.00	0.55	N/A[1]	TS367_v2_1
TS208	falcon2	0.50	0.0	0.50	0.00	TS208_v1_1	N/A[1]
TS298	ShanghaiTech-human	0.46	0.0	0.00	0.46	N/A[1]	TS298_v2_1
TS423	ShanghaiTech-server	0.46	0.0	0.00	0.46	N/A[1]	TS423_v2_1
TS169	thermomaps	0.42	0.91	0.23	0.19	TS169_v1_4	TS169_v2_2
TS261	UNRES	0.39	0.95	0.18	0.20	TS261_v1_4	TS261_v2_5
TS450	OpenComplex_Server	0.33	0.95	0.15	0.17	TS450_v1_5	TS450_v2_4
TS033	Diff	0.09	0.99	0.04	0.04	TS033_v1_1	TS033_v2_4

[1] Model either not submitted or not assessed

Supplementary Table S15: Results for T1214 Composite Score 4 Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_Composite_Score_4	V2_Composite_Score_4	V1_Model	V2_Model
TS015	PEZYFoldings	189.11	1.00	94.44	94.66	TS015_v1_5	TS015_v2_1
TS462	Zheng	187.90	0.97	91.10	96.79	TS462_v1_6	TS462_v2_3
TS110	MIEnsembles-Server	185.08	0.95	88.23	96.86	TS110_v1_2	TS110_v2_5
TS022	Yang	184.87	0.98	90.16	94.70	TS022_v1_4	TS022_v2_2
TS091	Huang-HUST	183.93	0.93	85.80	98.13	TS091_v1_2	TS091_v2_1
TS388	DeepFold-server	182.94	0.95	86.53	96.41	TS388_v1_4	TS388_v2_1
TS147	Zheng-Multimer	182.75	0.94	85.96	96.79	TS147_v1_1	TS147_v2_3
TS375	milliseconds	182.29	0.94	85.40	96.89	TS375_v1_3	TS375_v2_4
TS319	MULTICOM_LLM	180.79	0.94	85.12	95.67	TS319_v1_3	TS319_v2_4
TS425	MULTICOM_GATE	180.50	0.94	85.12	95.37	TS425_v1_2	TS425_v2_4
TS145	colabfold_baseline	180.33	0.92	83.12	97.21	TS145_v1_5	TS145_v2_1
TS017	Seder2024hard	180.33	0.92	83.12	97.21	TS017_v1_3	TS017_v2_1
TS198	colabfold	179.73	0.92	82.61	97.12	TS198_v1_4	TS198_v2_1
TS148	Guijunlab-Complex	179.36	0.95	85.37	93.99	TS148_v1_5	TS148_v2_2
TS208	falcon2	177.45	0.97	91.66	85.79	TS208_v1_4	TS208_v2_2
TS465	Wallner	175.20	0.98	89.57	85.63	TS465_v1_3	TS465_v2_1
TS408	SNU-CHEM-lig	173.42	0.95	90.61	82.81	TS408_v1_1	TS408_v2_2
TS287	plmfold	172.68	0.99	85.58	87.09	TS287_v1_1	TS287_v2_5
TS369	Bhattacharya	171.54	0.97	83.22	88.32	TS369_v1_1	TS369_v2_5
TS314	GuijunLab-PAthreader	171.11	1.00	85.37	85.74	TS314_v1_1	TS314_v2_5
TS312	GuijunLab-Assembly	171.11	1.00	85.37	85.74	TS312_v1_1	TS312_v2_5
TS393	GuijunLab-QA	171.11	1.00	85.37	85.74	TS393_v1_1	TS393_v2_4
TS264	GuijunLab-Human	170.63	1.00	85.37	85.26	TS264_v1_1	TS264_v2_6
TS386	ShanghaiTech-Ligand	170.07	0.91	93.01	77.06	TS386_v1_4	TS386_v2_5
TS298	ShanghaiTech-human	170.07	0.91	93.01	77.06	TS298_v1_4	TS298_v2_5
TS423	ShanghaiTech-server	169.86	0.99	85.97	83.89	TS423_v1_1	TS423_v2_3
TS163	MultiFOLD2	169.72	1.00	84.58	85.13	TS163_v1_1	TS163_v2_5
TS164	McGuffin	169.72	1.00	84.58	85.13	TS164_v1_1	TS164_v2_5
TS204	Zou	169.38	0.86	72.75	96.63	TS204_v1_3	TS204_v2_5
TS014	Cool-PSP	169.31	1.00	84.85	84.46	TS014_v1_5	TS014_v2_2
TS052	Yang-Server	169.27	0.87	73.95	95.32	TS052_v1_1	TS052_v2_5
TS311	RAGfold_Prot1	169.07	1.00	84.80	84.27	TS311_v1_4	TS311_v2_5
TS267	kiharalab_server	169.01	0.99	83.67	85.34	TS267_v1_2	TS267_v2_3
TS304	AF3-server	168.94	0.99	83.94	85.00	TS304_v1_2	TS304_v2_1
TS241	elofsson	168.94	0.99	83.94	85.00	TS241_v1_2	TS241_v2_1
TS475	ptq	168.75	1.00	84.06	84.70	TS475_v1_3	TS475_v2_5
TS196	HYU_MLLAB	168.73	1.00	84.21	84.52	TS196_v1_4	TS196_v2_1
TS456	Yang-Multimer	168.71	0.87	73.37	95.34	TS456_v1_1	TS456_v2_4
TS269	CSSB_server	168.49	0.88	74.20	94.28	TS269_v1_3	TS269_v2_5
TS419	CSSB-Human	168.46	0.88	74.21	94.25	TS419_v1_3	TS419_v2_5
TS221	CSSB_FAKER	168.46	0.88	74.21	94.25	TS221_v1_3	TS221_v2_5
TS235	isyslab-hust	168.45	0.98	82.62	85.83	TS235_v1_3	TS235_v2_5
TS345	MULTICOM_human	168.44	0.99	83.45	85.00	TS345_v1_4	TS345_v2_1
TS301	GHZ-MAN	168.26	0.99	83.68	84.57	TS301_v1_2	TS301_v2_4
TS055	LCDD-team	168.19	0.93	90.40	77.79	TS055_v1_3	TS055_v2_2
TS051	MULTICOM	168.14	0.99	83.12	85.01	TS051_v1_3	TS051_v2_6
TS122	MQA_server	167.92	0.99	83.13	84.79	TS122_v1_4	TS122_v2_1
TS019	Zheng-Server	167.54	1.00	84.18	83.36	TS019_v1_1	TS019_v2_5
TS227	KUMC	167.41	0.98	85.28	82.13	TS227_v1_3	TS227_v2_5
TS284	Unicorn	167.23	1.00	83.42	83.81	TS284_v1_2	TS284_v2_1
TS075	GHZ-ISM	167.23	1.00	83.42	83.81	TS075_v1_2	TS075_v2_1
TS262	CoDock	166.99	0.86	71.81	95.19	TS262_v1_3	TS262_v2_2
TS102	Psi-Phi	166.85	0.97	85.59	81.26	TS102_v1_2	TS102_v2_1
TS331	MULTICOM_AI	166.71	1.00	83.12	83.59	TS331_v1_3	TS331_v2_5
TS464	PocketTracer	166.62	0.98	81.86	84.76	TS464_v1_4	TS464_v2_1
TS272	GromihaLab	166.56	0.99	82.11	84.45	TS272_v1_1	TS272_v2_3
TS207	MULTICOM_ligand	166.38	0.98	84.68	81.69	TS207_v1_3	TS207_v2_2
TS079	MRAFold	166.20	0.99	83.64	82.57	TS079_v1_5	TS079_v2_2
TS293	MRAH	166.20	0.99	83.63	82.57	TS293_v1_2	TS293_v2_1
TS020	comppharmunibas	161.62	0.85	68.30	93.32	TS020_v1_4	TS020_v2_3
TS139	DeepFold-refine	156.97	0.77	60.63	96.34	TS139_v1_3	TS139_v2_6
TS274	kozakovvajda	149.64	0.68	50.66	98.99	TS274_v1_3	TS274_v2_1
TS494	ClusPro	149.64	0.68	50.66	98.99	TS494_v1_3	TS494_v2_1
TS059	DeepFold	148.71	0.70	52.37	96.34	TS059_v1_1	TS059_v2_6
TS040	DELCLAB	148.42	0.67	49.89	98.53	TS040_v1_5	TS040_v2_3
TS286	CSSB_experimental	147.92	0.70	51.91	96.01	TS286_v1_2	TS286_v2_3
TS294	KiharaLab	139.13	0.79	84.28	54.85	TS294_v1_2	TS294_v2_1
TS039	arosko	137.96	0.77	53.05	84.91	TS039_v1_3	TS039_v2_2
TS202	test001	123.63	0.55	89.38	34.25	TS202_v1_5	TS202_v2_3
TS167	OpenComplex	110.20	0.48	83.59	26.61	TS167_v1_2	TS167_v2_1
TS450	OpenComplex_Server	108.15	0.45	83.59	24.56	TS450_v1_5	TS450_v2_3
TS461	forlilab	106.48	0.69	36.73	69.75	TS461_v1_2	TS461_v2_3
TS120	Cerebra	95.82	0.72	34.59	61.23	TS120_v1_1	TS120_v2_6
TS225	Unknown	84.58	0.0	84.58	0.00	TS225_v1_1	N/A[1]

Supplementary Table S16: Results for T1214 GDT TS Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_GDT_TS	V2_GDT_TS	V1_Model	V2_Model
TS091	Huang-HUST	194.17	0.97	94.25	99.92	TS091_v1_2	TS091_v2_5
TS388	DeepFold-server	193.81	0.98	95.23	98.58	TS388_v1_4	TS388_v2_1
TS110	MIEnsembles-Server	193.63	0.98	94.67	98.97	TS110_v1_1	TS110_v2_5
TS015	PEZYFoldings	193.26	1.00	96.41	96.86	TS015_v1_2	TS015_v2_1
TS375	milliseconds	193.14	0.98	94.25	98.89	TS375_v1_3	TS375_v2_4
TS319	MULTICOM_LLM	193.02	0.98	94.78	98.24	TS319_v1_3	TS319_v2_4
TS425	MULTICOM_GATE	192.90	0.98	94.78	98.12	TS425_v1_2	TS425_v2_4
TS462	Zheng	192.84	0.97	93.83	99.00	TS462_v1_2	TS462_v2_3
TS147	Zheng-Multimer	192.84	0.97	93.83	99.00	TS147_v1_2	TS147_v2_3
TS198	colabfold	192.42	0.97	93.38	99.04	TS198_v1_5	TS198_v2_1
TS145	colabfold_baseline	192.04	0.97	93.12	98.93	TS145_v1_2	TS145_v2_1
TS017	Seder2024hard	192.04	0.97	93.12	98.93	TS017_v1_4	TS017_v2_1
TS022	Yang	191.98	0.99	95.05	96.93	TS022_v1_4	TS022_v2_3
TS148	Guijunlab-Complex	191.92	0.98	93.87	98.04	TS148_v1_5	TS148_v2_2
TS055	LCDD-team	190.69	0.99	93.99	96.70	TS055_v1_5	TS055_v2_1
TS052	Yang-Server	190.66	0.98	93.50	97.16	TS052_v1_3	TS052_v2_2
TS456	Yang-Multimer	189.79	0.98	92.62	97.16	TS456_v1_3	TS456_v2_4
TS262	CoDock	189.52	0.98	92.44	97.09	TS262_v1_5	TS262_v2_1
TS204	Zou	189.24	0.95	90.32	98.93	TS204_v1_5	TS204_v2_3
TS019	Zheng-Server	188.81	1.00	94.21	94.59	TS019_v1_2	TS019_v2_1
TS465	Wallner	188.80	1.00	94.44	94.36	TS465_v1_4	TS465_v2_1
TS235	isyslab-hust	188.12	1.00	93.87	94.25	TS235_v1_3	TS235_v2_1
TS221	CSSB_FAKER	188.05	0.96	90.55	97.51	TS221_v1_3	TS221_v2_1
TS419	CSSB-Human	188.05	0.96	90.55	97.51	TS419_v1_3	TS419_v2_1
TS267	kiharalab_server	188.01	1.00	93.80	94.21	TS267_v1_1	TS267_v2_3
TS423	ShanghaiTech-server	187.99	0.99	94.78	93.21	TS423_v1_5	TS423_v2_4
TS286	CSSB_experimental	187.99	0.96	89.79	98.20	TS286_v1_4	TS286_v2_1
TS345	MULTICOM_human	187.88	1.00	94.33	93.56	TS345_v1_4	TS345_v2_6
TS208	falcon2	187.81	1.00	94.29	93.52	TS208_v1_4	TS208_v2_2
TS040	DELCLAB	187.78	0.94	87.94	99.85	TS040_v1_2	TS040_v2_3
TS269	CSSB_server	187.75	0.96	90.32	97.43	TS269_v1_1	TS269_v2_2
TS386	ShanghaiTech-Ligand	187.60	0.98	95.27	92.33	TS386_v1_1	TS386_v2_4
TS298	ShanghaiTech-human	187.60	0.98	95.27	92.33	TS298_v1_1	TS298_v2_4
TS311	RAGfold_Prot1	187.54	1.00	94.02	93.52	TS311_v1_2	TS311_v2_3
TS059	DeepFold	187.54	0.95	89.03	98.50	TS059_v1_1	TS059_v2_6
TS051	MULTICOM	187.51	1.00	93.91	93.60	TS051_v1_5	TS051_v2_6
TS079	MRAFold	187.50	1.00	94.21	93.29	TS079_v1_5	TS079_v2_2
TS293	MRAH	187.47	1.00	94.17	93.29	TS293_v1_3	TS293_v2_5
TS393	GuijunLab-QA	187.28	1.00	93.95	93.33	TS393_v1_5	TS393_v2_4
TS312	GuijunLab-Assembly	187.20	1.00	93.87	93.33	TS312_v1_1	TS312_v2_5
TS314	GuijunLab-PAthreader	187.20	1.00	93.87	93.33	TS314_v1_1	TS314_v2_5
TS196	HYU_MLLAB	187.13	1.00	93.46	93.67	TS196_v1_2	TS196_v2_4
TS408	SNU-CHEM-lig	187.12	0.99	94.06	93.06	TS408_v1_1	TS408_v2_2
TS264	GuijunLab-Human	187.09	1.00	93.95	93.14	TS264_v1_3	TS264_v2_2
TS287	plmfold	187.05	1.00	93.53	93.52	TS287_v1_1	TS287_v2_4
TS163	MultiFOLD2	186.87	1.00	93.19	93.67	TS163_v1_3	TS163_v2_5
TS164	McGuffin	186.87	1.00	93.19	93.67	TS164_v1_3	TS164_v2_5
TS102	Psi-Phi	186.86	1.00	93.68	93.17	TS102_v1_3	TS102_v2_2
TS464	PocketTracer	186.82	1.00	93.38	93.44	TS464_v1_2	TS464_v2_1
TS475	ptq	186.82	1.00	93.76	93.06	TS475_v1_3	TS475_v2_1
TS122	MQA_server	186.78	1.00	93.68	93.10	TS122_v1_2	TS122_v2_1
TS301	GHZ-MAN	186.75	1.00	93.38	93.37	TS301_v1_1	TS301_v2_4
TS014	Cool-PSP	186.71	1.00	93.50	93.21	TS014_v1_3	TS014_v2_2
TS494	ClusPro	186.61	0.93	86.61	100.00	TS494_v1_3	TS494_v2_1
TS274	kozakovvajda	186.61	0.93	86.61	100.00	TS274_v1_3	TS274_v2_1
TS272	GromihaLab	186.60	1.00	93.31	93.29	TS272_v1_3	TS272_v2_5
TS227	KUMC	186.55	0.99	93.83	92.72	TS227_v1_1	TS227_v2_4
TS207	MULTICOM_ligand	186.44	1.00	93.42	93.02	TS207_v1_1	TS207_v2_2
TS304	AF3-server	186.21	1.00	93.15	93.06	TS304_v1_4	TS304_v2_3
TS241	elofsson	186.21	1.00	93.15	93.06	TS241_v1_4	TS241_v2_3
TS369	Bhattacharya	186.21	1.00	93.34	92.87	TS369_v1_1	TS369_v2_2
TS331	MULTICOM_AI	185.67	0.99	93.91	91.76	TS331_v1_5	TS331_v2_1
TS284	Unicorn	185.17	0.99	93.76	91.41	TS284_v1_1	TS284_v2_3
TS075	GHZ-ISM	185.17	0.99	93.76	91.41	TS075_v1_1	TS075_v2_3

Supplementary Table S17: Results for T1214 GlobalLDDT Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_GlobalLDDT	V2_GlobalLDDT	V1_Model	V2_Model
TS091	Huang-HUST	1.79	0.95	0.85	0.94	TS091_v1_2	TS091_v2_1
TS110	MIEnsembles-Server	1.78	0.96	0.85	0.93	TS110_v1_2	TS110_v2_5
TS147	Zheng-Multimer	1.78	0.96	0.85	0.93	TS147_v1_1	TS147_v2_3
TS462	Zheng	1.78	0.96	0.85	0.93	TS462_v1_1	TS462_v2_3
TS375	milliseconds	1.77	0.96	0.85	0.92	TS375_v1_3	TS375_v2_4
TS319	MULTICOM_LLM	1.77	0.96	0.85	0.92	TS319_v1_3	TS319_v2_4
TS198	colabfold	1.77	0.95	0.84	0.93	TS198_v1_5	TS198_v2_1
TS425	MULTICOM_GATE	1.77	0.97	0.85	0.91	TS425_v1_2	TS425_v2_4
TS148	Guijunlab-Complex	1.77	0.96	0.85	0.92	TS148_v1_5	TS148_v2_2
TS388	DeepFold-server	1.77	0.97	0.86	0.91	TS388_v1_4	TS388_v2_1
TS017	Seder2024hard	1.77	0.95	0.84	0.93	TS017_v1_4	TS017_v2_1
TS145	colabfold_baseline	1.77	0.95	0.84	0.93	TS145_v1_2	TS145_v2_1
TS015	PEZYFoldings	1.75	1.00	0.87	0.88	TS015_v1_5	TS015_v2_1
TS494	ClusPro	1.74	0.86	0.75	0.99	TS494_v1_4	TS494_v2_1
TS274	kozakovvajda	1.74	0.86	0.75	0.99	TS274_v1_4	TS274_v2_1
TS204	Zou	1.73	0.93	0.81	0.93	TS204_v1_5	TS204_v2_3
TS055	LCDD-team	1.72	0.96	0.82	0.90	TS055_v1_3	TS055_v2_2
TS039	arosko	1.72	0.87	0.75	0.97	TS039_v1_2	TS039_v2_3
TS022	Yang	1.71	1.00	0.85	0.86	TS022_v1_4	TS022_v2_2
TS052	Yang-Server	1.70	0.99	0.84	0.86	TS052_v1_3	TS052_v2_2
TS456	Yang-Multimer	1.70	0.98	0.83	0.86	TS456_v1_5	TS456_v2_4
TS019	Zheng-Server	1.70	1.00	0.85	0.85	TS019_v1_2	TS019_v2_1
TS040	DELCLAB	1.70	0.89	0.75	0.94	TS040_v1_2	TS040_v2_5
TS059	DeepFold	1.69	0.93	0.78	0.91	TS059_v1_5	TS059_v2_6
TS269	CSSB_server	1.69	0.96	0.81	0.88	TS269_v1_5	TS269_v2_1
TS221	CSSB_FAKER	1.69	0.96	0.81	0.88	TS221_v1_3	TS221_v2_4
TS419	CSSB-Human	1.69	0.96	0.81	0.88	TS419_v1_3	TS419_v2_4
TS262	CoDock	1.69	0.98	0.83	0.86	TS262_v1_1	TS262_v2_2
TS208	falcon2	1.69	0.98	0.86	0.83	TS208_v1_4	TS208_v2_1
TS386	ShanghaiTech-Ligand	1.68	0.97	0.86	0.82	TS386_v1_4	TS386_v2_5
TS298	ShanghaiTech-human	1.68	0.97	0.86	0.82	TS298_v1_4	TS298_v2_5
TS267	kiharalab_server	1.68	0.99	0.85	0.83	TS267_v1_1	TS267_v2_3
TS465	Wallner	1.68	0.99	0.85	0.83	TS465_v1_2	TS465_v2_1
TS393	GuijunLab-QA	1.68	0.99	0.85	0.83	TS393_v1_1	TS393_v2_2
TS312	GuijunLab-Assembly	1.68	0.99	0.85	0.83	TS312_v1_1	TS312_v2_4
TS314	GuijunLab-PAthreader	1.68	0.99	0.85	0.83	TS314_v1_1	TS314_v2_4
TS264	GuijunLab-Human	1.68	0.99	0.85	0.83	TS264_v1_1	TS264_v2_6
TS287	plmfold	1.68	0.99	0.85	0.83	TS287_v1_2	TS287_v2_4
TS235	isyslab-hust	1.68	0.99	0.84	0.83	TS235_v1_3	TS235_v2_2
TS102	Psi-Phi	1.68	0.98	0.85	0.82	TS102_v1_5	TS102_v2_2
TS207	MULTICOM_ligand	1.67	0.99	0.85	0.83	TS207_v1_2	TS207_v2_3
TS139	DeepFold-refine	1.67	0.91	0.76	0.91	TS139_v1_3	TS139_v2_6
TS304	AF3-server	1.67	0.99	0.84	0.83	TS304_v1_4	TS304_v2_1
TS241	elofsson	1.67	0.99	0.84	0.83	TS241_v1_4	TS241_v2_1
TS272	GromihaLab	1.67	0.99	0.84	0.83	TS272_v1_3	TS272_v2_2
TS345	MULTICOM_human	1.67	0.99	0.85	0.82	TS345_v1_4	TS345_v2_6
TS122	MQA_server	1.67	0.99	0.84	0.83	TS122_v1_5	TS122_v2_4
TS311	RAGfold_Prot1	1.67	0.98	0.85	0.82	TS311_v1_1	TS311_v2_5
TS464	PocketTracer	1.67	0.99	0.84	0.83	TS464_v1_1	TS464_v2_3
TS051	MULTICOM	1.67	0.98	0.85	0.82	TS051_v1_1	TS051_v2_6
TS369	Bhattacharya	1.67	0.98	0.85	0.82	TS369_v1_1	TS369_v2_2
TS227	KUMC	1.67	0.98	0.85	0.82	TS227_v1_3	TS227_v2_5
TS286	CSSB_experimental	1.67	0.96	0.80	0.87	TS286_v1_2	TS286_v2_4
TS301	GHZ-MAN	1.66	0.99	0.84	0.82	TS301_v1_2	TS301_v2_4
TS079	MRAFold	1.66	0.98	0.85	0.82	TS079_v1_1	TS079_v2_5
TS196	HYU_MLLAB	1.66	0.99	0.84	0.82	TS196_v1_3	TS196_v2_4
TS293	MRAH	1.66	0.98	0.85	0.81	TS293_v1_2	TS293_v2_1
TS164	McGuffin	1.66	0.99	0.84	0.82	TS164_v1_3	TS164_v2_4
TS163	MultiFOLD2	1.66	0.99	0.84	0.82	TS163_v1_3	TS163_v2_4
TS423	ShanghaiTech-server	1.66	0.97	0.85	0.81	TS423_v1_5	TS423_v2_4
TS014	Cool-PSP	1.65	0.98	0.84	0.81	TS014_v1_4	TS014_v2_3
TS331	MULTICOM_AI	1.65	0.97	0.85	0.80	TS331_v1_1	TS331_v2_5
TS075	GHZ-ISM	1.65	0.97	0.85	0.80	TS075_v1_1	TS075_v2_3
TS284	Unicorn	1.65	0.97	0.85	0.80	TS284_v1_1	TS284_v2_3
TS408	SNU-CHEM-lig	1.64	0.98	0.84	0.81	TS408_v1_3	TS408_v2_2
TS475	ptq	1.64	0.98	0.83	0.80	TS475_v1_5	TS475_v2_3
TS020	comppharmunibas	1.62	0.95	0.77	0.85	TS020_v1_4	TS020_v2_3
TS294	KiharaLab	1.56	0.93	0.84	0.72	TS294_v1_2	TS294_v2_3
TS202	test001	1.54	0.95	0.81	0.73	TS202_v1_5	TS202_v2_3

Supplementary Table S18: Results for T1228 GDT TS Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_GDT_TS	V2_GDT_TS	V1_Model	V2_Model
TS462	Zheng	116.15	0.91	63.11	53.04	TS462_v1_3	TS462_v2_5
TS264	GuijunLab-Human	116.01	0.96	55.95	60.07	TS264_v1_6	TS264_v2_2
TS147	Zheng-Multimer	115.68	0.92	62.31	53.37	TS147_v1_1	TS147_v2_1
TS148	Guijunlab-Complex	114.51	0.95	54.45	60.07	TS148_v2_3	TS148_v1_3
TS481	Vfold	112.45	0.90	61.80	50.66	TS481_v1_3	TS481_v2_5
TS167	OpenComplex	112.41	0.98	57.07	55.34	TS167_v1_1	TS167_v2_3
TS450	OpenComplex_Server	112.41	0.98	57.07	55.34	TS450_v1_1	TS450_v2_3
TS022	Yang	112.13	0.98	57.21	54.92	TS022_v1_4	TS022_v2_5
TS052	Yang-Server	111.89	0.94	59.50	52.39	TS052_v1_4	TS052_v2_2
TS456	Yang-Multimer	110.72	0.95	58.33	52.39	TS456_v1_3	TS456_v2_2
TS204	Zou	110.58	0.88	62.17	48.41	TS204_v1_1	TS204_v2_2
TS241	elofsson	110.39	0.94	58.57	51.83	TS241_v2_1	TS241_v1_2
TS294	KiharaLab	109.41	0.90	59.97	49.44	TS294_v2_5	TS294_v1_2
TS091	Huang-HUST	109.18	1.00	54.54	54.63	TS091_v1_2	TS091_v2_5
TS033	Diff	108.71	0.95	56.88	51.83	TS033_v2_1	TS033_v1_4
TS262	CoDock	108.24	0.97	55.90	52.34	TS262_v1_2	TS262_v2_1
TS212	PIEFold_human	107.58	0.98	55.10	52.48	TS212_v2_4	TS212_v1_2
TS375	milliseconds	106.98	0.89	59.41	47.57	TS375_v2_4	TS375_v1_3
TS028	NKRNA-s	106.69	0.96	51.31	55.38	TS028_v1_2	TS028_v2_5
TS301	GHZ-MAN	106.65	0.95	55.95	50.70	TS301_v1_3	TS301_v2_4
TS110	MIEnsembles-Server	105.81	0.99	52.25	53.56	TS110_v1_2	TS110_v2_5
TS304	AF3-server	104.59	0.90	57.73	46.86	TS304_v1_4	TS304_v2_5
TS331	MULTICOM_AI	103.98	0.91	56.65	47.33	TS331_v1_2	TS331_v2_4
TS319	MULTICOM_LLM	103.98	0.91	56.65	47.33	TS319_v1_2	TS319_v2_4
TS345	MULTICOM_human	103.98	0.91	56.65	47.33	TS345_v1_3	TS345_v2_2
TS051	MULTICOM	103.98	0.91	56.65	47.33	TS051_v1_3	TS051_v2_2
TS274	kozakovvajda	103.84	0.92	56.32	47.52	TS274_v1_2	TS274_v2_2
TS494	ClusPro	103.84	0.92	56.32	47.52	TS494_v1_2	TS494_v2_2
TS231	B-LAB	103.60	0.91	56.27	47.33	TS231_v2_4	TS231_v1_4
TS314	GuijunLab-PAthreader	103.56	0.94	48.55	55.01	TS314_v2_3	TS314_v1_1
TS286	CSSB_experimental	103.46	0.91	56.13	47.33	TS286_v1_5	TS286_v2_4
TS425	MULTICOM_GATE	103.18	0.92	55.85	47.33	TS425_v1_1	TS425_v2_1
TS198	colabfold	102.58	0.90	56.41	46.16	TS198_v2_2	TS198_v1_2
TS419	CSSB-Human	102.29	0.91	55.52	46.77	TS419_v2_4	TS419_v1_3
TS221	CSSB_FAKER	102.20	0.91	55.57	46.63	TS221_v2_2	TS221_v1_5
TS369	Bhattacharya	102.11	0.93	54.82	47.28	TS369_v1_2	TS369_v2_1
TS019	Zheng-Server	101.97	0.99	51.69	50.28	TS019_v1_4	TS019_v2_4
TS475	ptq	101.12	0.84	58.43	42.70	TS475_v2_5	TS475_v1_2
TS014	Cool-PSP	101.12	0.84	58.57	42.56	TS014_v2_6	TS014_v1_6
TS287	plmfold	101.08	0.93	54.07	47.00	TS287_v1_2	TS287_v2_1
TS267	kiharalab_server	100.05	0.91	54.68	45.37	TS267_v1_1	TS267_v2_5
TS079	MRAFold	99.77	0.90	54.82	44.94	TS079_v1_2	TS079_v2_2
TS293	MRAH	99.77	0.90	54.82	44.94	TS293_v1_2	TS293_v2_2
TS489	Fernandez-Recio	99.67	0.89	55.48	44.20	TS489_v1_2	TS489_v2_2
TS208	falcon2	99.20	0.90	54.54	44.66	TS208_v2_5	TS208_v1_1
TS196	HYU_MLLAB	98.74	0.92	53.37	45.37	TS196_v1_5	TS196_v2_5
TS312	GuijunLab-Assembly	98.50	0.91	53.84	44.66	TS312_v1_1	TS312_v2_2
TS112	Seder2024easy	97.99	0.89	54.35	43.63	TS112_v1_4	TS112_v2_3
TS017	Seder2024hard	97.99	0.89	54.35	43.63	TS017_v1_5	TS017_v2_5
TS145	colabfold_baseline	97.89	0.89	54.35	43.54	TS145_v1_3	TS145_v2_3
TS465	Wallner	97.47	0.97	50.00	47.47	TS465_v1_5	TS465_v2_1
TS235	isyslab-hust	96.63	0.95	50.80	45.83	TS235_v1_1	TS235_v2_3
TS311	RAGfold_Prot1	96.58	0.97	49.86	46.72	TS311_v1_2	TS311_v2_5
TS163	MultiFOLD2	96.02	0.89	53.23	42.79	TS163_v1_5	TS163_v2_2
TS015	PEZYFoldings	95.55	0.93	51.12	44.43	TS015_v2_2	TS015_v1_5
TS298	ShanghaiTech-human	95.04	0.86	54.35	40.68	TS298_v1_1	TS298_v2_3
TS284	Unicorn	94.90	0.93	44.20	50.70	TS284_v1_3	TS284_v2_4
TS075	GHZ-ISM	94.90	0.93	44.20	50.70	TS075_v1_3	TS075_v2_4
TS122	MQA_server	94.90	0.93	44.20	50.70	TS122_v1_3	TS122_v2_4
TS164	McGuffin	94.76	0.99	48.03	46.72	TS164_v1_1	TS164_v2_2
TS325	405	94.29	0.95	49.34	44.94	TS325_v1_1	TS325_v2_1
TS159	406	94.29	0.95	49.34	44.94	TS159_v1_1	TS159_v2_1
TS269	CSSB_server	92.98	0.91	50.70	42.27	TS269_v1_1	TS269_v2_1
TS059	DeepFold	91.53	0.97	46.91	44.62	TS059_v2_3	TS059_v1_3

Supplementary Table S19: Results for T1228 GlobalLDDT Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_GlobalLDDT	V2_GlobalLDDT	V1_Model	V2_Model
TS314	GuijunLab-PAthreader	1.51	0.98	0.77	0.74	TS314_v1_4	TS314_v2_5
TS028	NKRNA-s	1.51	0.99	0.77	0.75	TS028_v1_5	TS028_v2_4
TS110	MIEnsembles-Server	1.51	0.99	0.77	0.75	TS110_v1_3	TS110_v2_3
TS051	MULTICOM	1.51	0.98	0.77	0.74	TS051_v1_1	TS051_v2_3
TS345	MULTICOM_human	1.51	0.98	0.77	0.74	TS345_v1_1	TS345_v2_3
TS331	MULTICOM_AI	1.51	0.98	0.77	0.74	TS331_v1_1	TS331_v2_2
TS319	MULTICOM_LLM	1.51	0.98	0.77	0.74	TS319_v1_1	TS319_v2_2
TS147	Zheng-Multimer	1.51	0.98	0.77	0.74	TS147_v2_4	TS147_v1_5
TS425	MULTICOM_GATE	1.50	0.97	0.77	0.73	TS425_v2_4	TS425_v1_4
TS462	Zheng	1.50	0.97	0.77	0.73	TS462_v2_2	TS462_v1_2
TS022	Yang	1.50	0.98	0.77	0.74	TS022_v1_3	TS022_v2_5
TS204	Zou	1.50	0.98	0.76	0.74	TS204_v1_4	TS204_v2_5
TS075	GHZ-ISM	1.50	0.98	0.76	0.74	TS075_v1_5	TS075_v2_4
TS122	MQA_server	1.50	0.98	0.76	0.74	TS122_v1_2	TS122_v2_4
TS284	Unicorn	1.50	0.98	0.76	0.74	TS284_v1_2	TS284_v2_4
TS145	colabfold_baseline	1.50	0.98	0.77	0.73	TS145_v1_3	TS145_v2_3
TS450	OpenComplex_Server	1.50	0.98	0.76	0.73	TS450_v1_1	TS450_v2_5
TS167	OpenComplex	1.50	0.98	0.76	0.73	TS167_v1_1	TS167_v2_5
TS198	colabfold	1.50	0.98	0.77	0.73	TS198_v1_3	TS198_v2_2
TS475	ptq	1.50	0.98	0.76	0.73	TS475_v1_5	TS475_v2_4
TS017	Seder2024hard	1.50	0.98	0.77	0.73	TS017_v1_4	TS017_v2_2
TS301	GHZ-MAN	1.49	0.99	0.76	0.74	TS301_v1_3	TS301_v2_4
TS325	405	1.49	0.98	0.76	0.73	TS325_v1_1	TS325_v2_1
TS159	406	1.49	0.98	0.76	0.73	TS159_v1_1	TS159_v2_1
TS456	Yang-Multimer	1.49	0.98	0.76	0.73	TS456_v1_1	TS456_v2_1
TS231	B-LAB	1.49	0.98	0.76	0.73	TS231_v2_4	TS231_v1_1
TS033	Diff	1.49	0.98	0.76	0.73	TS033_v2_1	TS033_v1_4
TS164	McGuffin	1.49	0.98	0.76	0.73	TS164_v2_5	TS164_v1_2
TS148	Guijunlab-Complex	1.49	0.99	0.76	0.74	TS148_v2_2	TS148_v1_2
TS298	ShanghaiTech-human	1.49	0.97	0.77	0.73	TS298_v1_3	TS298_v2_3
TS465	Wallner	1.49	0.98	0.76	0.73	TS465_v1_1	TS465_v2_4
TS052	Yang-Server	1.49	0.98	0.76	0.73	TS052_v1_1	TS052_v2_2
TS294	KiharaLab	1.49	0.97	0.76	0.73	TS294_v2_4	TS294_v1_4
TS375	milliseconds	1.49	0.97	0.76	0.73	TS375_v2_4	TS375_v1_2
TS264	GuijunLab-Human	1.49	0.97	0.76	0.73	TS264_v2_4	TS264_v1_6
TS196	HYU_MLLAB	1.49	0.98	0.76	0.73	TS196_v1_2	TS196_v2_4
TS241	elofsson	1.49	0.98	0.76	0.73	TS241_v2_1	TS241_v1_2
TS489	Fernandez-Recio	1.49	0.97	0.77	0.72	TS489_v1_2	TS489_v2_2
TS019	Zheng-Server	1.49	0.98	0.76	0.73	TS019_v1_4	TS019_v2_4
TS369	Bhattacharya	1.49	0.98	0.76	0.73	TS369_v1_1	TS369_v2_1
TS269	CSSB_server	1.49	0.98	0.76	0.73	TS269_v1_1	TS269_v2_1
TS481	Vfold	1.49	0.98	0.76	0.73	TS481_v2_1	TS481_v1_4
TS287	plmfold	1.49	0.98	0.76	0.73	TS287_v1_4	TS287_v2_3
TS312	GuijunLab-Assembly	1.49	0.98	0.76	0.73	TS312_v2_5	TS312_v1_1
TS208	falcon2	1.49	0.97	0.76	0.72	TS208_v2_5	TS208_v1_1
TS235	isyslab-hust	1.49	0.98	0.76	0.73	TS235_v1_2	TS235_v2_2
TS267	kiharalab_server	1.49	0.97	0.76	0.72	TS267_v2_3	TS267_v1_3
TS015	PEZYFoldings	1.48	0.98	0.76	0.72	TS015_v1_5	TS015_v2_2
TS304	AF3-server	1.48	0.98	0.76	0.72	TS304_v2_1	TS304_v1_3
TS388	DeepFold-server	1.48	0.99	0.75	0.73	TS388_v1_3	TS388_v2_3
TS023	FTBiot0119	1.48	0.98	0.76	0.73	TS023_v1_3	TS023_v2_4
TS014	Cool-PSP	1.48	0.98	0.76	0.72	TS014_v1_5	TS014_v2_5
TS059	DeepFold	1.48	0.99	0.75	0.73	TS059_v1_4	TS059_v2_4
TS091	Huang-HUST	1.48	0.98	0.75	0.73	TS091_v1_3	TS091_v2_4
TS419	CSSB-Human	1.47	0.98	0.75	0.72	TS419_v2_3	TS419_v1_2
TS079	MRAFold	1.47	0.98	0.76	0.72	TS079_v1_1	TS079_v2_1
TS221	CSSB_FAKER	1.47	0.98	0.75	0.72	TS221_v2_4	TS221_v1_2
TS311	RAGfold_Prot1	1.47	0.99	0.75	0.73	TS311_v1_4	TS311_v2_5
TS163	MultiFOLD2	1.47	0.98	0.75	0.72	TS163_v1_2	TS163_v2_2
TS293	MRAH	1.47	0.97	0.75	0.72	TS293_v1_4	TS293_v2_4
TS112	Seder2024easy	1.47	0.97	0.75	0.71	TS112_v1_1	TS112_v2_2
TS286	CSSB_experimental	1.47	0.98	0.75	0.72	TS286_v2_3	TS286_v1_4
TS262	CoDock	1.46	0.98	0.74	0.71	TS262_v1_4	TS262_v2_2
TS274	kozakovvajda	1.45	0.98	0.74	0.71	TS274_v1_1	TS274_v2_3
TS494	ClusPro	1.45	0.98	0.74	0.71	TS494_v1_1	TS494_v2_3
TS139	DeepFold-refine	1.45	0.97	0.75	0.70	TS139_v1_6	TS139_v2_6
TS212	PIEFold_human	1.37	0.98	0.70	0.67	TS212_v2_5	TS212_v1_2
TS120	Cerebra	1.28	0.98	0.65	0.63	TS120_v2_5	TS120_v1_2
TS361	Cerebra-server	1.27	0.98	0.65	0.62	TS361_v1_2	TS361_v2_1

Supplementary Table S20: Results for T1228 TMscore Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_TMscore	V2_TMscore	V1_Model	V2_Model
TS264	GuijunLab-Human	1.61	0.98	0.78	0.82	TS264_v1_6	TS264_v2_1
TS148	Guijunlab-Complex	1.59	0.96	0.77	0.83	TS148_v2_3	TS148_v1_2
TS147	Zheng-Multimer	1.55	0.93	0.83	0.72	TS147_v1_1	TS147_v2_1
TS167	OpenComplex	1.55	0.97	0.80	0.75	TS167_v1_1	TS167_v2_3
TS450	OpenComplex_Server	1.55	0.97	0.80	0.75	TS450_v1_1	TS450_v2_3
TS022	Yang	1.55	0.99	0.78	0.76	TS022_v1_3	TS022_v2_5
TS481	Vfold	1.54	0.93	0.82	0.71	TS481_v1_3	TS481_v2_5
TS462	Zheng	1.53	0.92	0.83	0.70	TS462_v1_3	TS462_v2_5
TS091	Huang-HUST	1.51	0.98	0.77	0.74	TS091_v1_3	TS091_v2_5
TS241	elofsson	1.51	0.95	0.79	0.71	TS241_v2_1	TS241_v1_2
TS456	Yang-Multimer	1.50	0.94	0.80	0.70	TS456_v1_3	TS456_v2_2
TS052	Yang-Server	1.50	0.94	0.79	0.70	TS052_v1_4	TS052_v2_2
TS033	Diff	1.48	0.92	0.80	0.68	TS033_v2_1	TS033_v1_4
TS262	CoDock	1.48	0.96	0.77	0.71	TS262_v1_2	TS262_v2_1
TS028	NKRNA-s	1.47	0.97	0.72	0.76	TS028_v1_2	TS028_v2_4
TS212	PIEFold_human	1.47	0.96	0.77	0.71	TS212_v2_3	TS212_v1_2
TS110	MIEnsembles-Server	1.47	1.00	0.73	0.74	TS110_v1_2	TS110_v2_3
TS314	GuijunLab-PAthreader	1.46	0.95	0.69	0.77	TS314_v2_3	TS314_v1_1
TS019	Zheng-Server	1.41	0.97	0.73	0.68	TS019_v1_4	TS019_v2_3
TS204	Zou	1.39	0.81	0.83	0.56	TS204_v1_1	TS204_v2_2
TS301	GHZ-MAN	1.38	0.97	0.72	0.67	TS301_v1_3	TS301_v2_5
TS294	KiharaLab	1.38	0.81	0.82	0.56	TS294_v2_5	TS294_v1_1
TS375	milliseconds	1.38	0.82	0.81	0.56	TS375_v2_4	TS375_v1_2
TS345	MULTICOM_human	1.36	0.82	0.80	0.56	TS345_v1_3	TS345_v2_5
TS051	MULTICOM	1.36	0.82	0.80	0.56	TS051_v1_3	TS051_v2_5
TS274	kozakovvajda	1.36	0.82	0.80	0.56	TS274_v1_1	TS274_v2_2
TS494	ClusPro	1.36	0.82	0.80	0.56	TS494_v1_1	TS494_v2_2
TS331	MULTICOM_AI	1.36	0.82	0.80	0.56	TS331_v1_2	TS331_v2_1
TS319	MULTICOM_LLM	1.36	0.82	0.80	0.56	TS319_v1_2	TS319_v2_1
TS231	B-LAB	1.35	0.82	0.79	0.56	TS231_v2_2	TS231_v1_4
TS425	MULTICOM_GATE	1.35	0.82	0.79	0.56	TS425_v1_1	TS425_v2_2
TS419	CSSB-Human	1.35	0.83	0.79	0.56	TS419_v1_1	TS419_v2_2
TS198	colabfold	1.34	0.83	0.78	0.56	TS198_v1_2	TS198_v2_2
TS221	CSSB_FAKER	1.34	0.83	0.78	0.56	TS221_v1_1	TS221_v2_1
TS014	Cool-PSP	1.34	0.82	0.79	0.55	TS014_v2_5	TS014_v1_5
TS286	CSSB_experimental	1.34	0.83	0.78	0.56	TS286_v1_1	TS286_v2_4
TS489	Fernandez-Recio	1.34	0.82	0.79	0.55	TS489_v1_2	TS489_v2_5
TS287	plmfold	1.34	0.86	0.76	0.58	TS287_v1_2	TS287_v2_1
TS235	isyslab-hust	1.33	0.91	0.72	0.61	TS235_v1_1	TS235_v2_3
TS304	AF3-server	1.33	0.84	0.77	0.56	TS304_v2_2	TS304_v1_4
TS312	GuijunLab-Assembly	1.33	0.85	0.76	0.56	TS312_v1_5	TS312_v2_2
TS293	MRAH	1.32	0.85	0.76	0.56	TS293_v1_2	TS293_v2_2
TS079	MRAFold	1.32	0.85	0.76	0.56	TS079_v1_2	TS079_v2_2
TS267	kiharalab_server	1.32	0.86	0.76	0.57	TS267_v1_1	TS267_v2_5
TS369	Bhattacharya	1.32	0.85	0.76	0.56	TS369_v1_2	TS369_v2_1
TS208	falcon2	1.32	0.84	0.76	0.55	TS208_v2_5	TS208_v1_1
TS112	Seder2024easy	1.31	0.84	0.76	0.55	TS112_v1_4	TS112_v2_3
TS017	Seder2024hard	1.31	0.84	0.76	0.55	TS017_v1_5	TS017_v2_5
TS145	colabfold_baseline	1.31	0.84	0.76	0.55	TS145_v1_3	TS145_v2_3
TS015	PEZYFoldings	1.31	0.86	0.74	0.56	TS015_v2_2	TS015_v1_3
TS163	MultiFOLD2	1.30	0.83	0.76	0.54	TS163_v1_5	TS163_v2_2
TS269	CSSB_server	1.29	0.84	0.75	0.54	TS269_v1_1	TS269_v2_1
TS465	Wallner	1.28	0.90	0.71	0.58	TS465_v1_3	TS465_v2_1
TS298	ShanghaiTech-human	1.28	0.81	0.76	0.52	TS298_v1_3	TS298_v2_3
TS475	ptq	1.27	0.85	0.73	0.54	TS475_v2_5	TS475_v1_2
TS325	405	1.27	0.87	0.71	0.55	TS325_v1_1	TS325_v2_1
TS159	406	1.27	0.87	0.71	0.55	TS159_v1_1	TS159_v2_1
TS196	HYU_MLLAB	1.26	0.88	0.70	0.56	TS196_v1_5	TS196_v2_5
TS164	McGuffin	1.25	0.92	0.67	0.58	TS164_v1_1	TS164_v2_2
TS075	GHZ-ISM	1.23	0.88	0.54	0.69	TS075_v2_4	TS075_v1_3
TS122	MQA_server	1.23	0.88	0.54	0.69	TS122_v2_4	TS122_v1_3
TS284	Unicorn	1.23	0.88	0.54	0.69	TS284_v2_4	TS284_v1_3
TS059	DeepFold	1.21	0.99	0.61	0.60	TS059_v1_5	TS059_v2_4
TS023	FTBiot0119	1.19	0.89	0.66	0.53	TS023_v1_1	TS023_v2_1

Supplementary Table S21: Results for T1239 GDT TS Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_GDT_TS	V2_GDT_TS	V1_Model	V2_Model
TS462	Zheng	119.79	0.82	70.81	48.98	TS462_v2_2	TS462_v1_1
TS235	isyslab-hust	114.17	0.75	71.31	42.85	TS235_v2_4	TS235_v1_1
TS419	CSSB-Human	114.04	0.75	71.10	42.94	TS419_v2_1	TS419_v1_5
TS221	CSSB_FAKER	114.04	0.75	71.10	42.94	TS221_v2_1	TS221_v1_5
TS028	NKRNA-s	113.49	0.74	71.36	42.13	TS028_v2_2	TS028_v1_2
TS345	MULTICOM_human	113.32	0.74	71.23	42.09	TS345_v1_4	TS345_v2_5
TS051	MULTICOM	113.32	0.74	71.23	42.09	TS051_v1_4	TS051_v2_5
TS286	CSSB_experimental	112.64	0.76	69.87	42.77	TS286_v2_1	TS286_v1_2
TS208	falcon2	108.53	0.77	66.99	41.54	TS208_v1_4	TS208_v2_4
TS425	MULTICOM_GATE	107.68	0.83	63.22	44.46	TS425_v1_2	TS425_v2_4
TS019	Zheng-Server	106.22	0.98	54.02	52.20	TS019_v1_5	TS019_v2_5
TS022	Yang	105.14	0.84	60.72	44.42	TS022_v1_5	TS022_v2_4
TS204	Zou	104.76	0.83	61.23	43.53	TS204_v1_5	TS204_v2_2
TS110	MIEnsembles-Server	104.72	0.80	63.01	41.71	TS110_v1_1	TS110_v2_2
TS456	Yang-Multimer	104.50	0.85	60.21	44.29	TS456_v1_3	TS456_v2_2
TS147	Zheng-Multimer	103.35	0.91	56.27	47.08	TS147_v1_3	TS147_v2_5
TS167	OpenComplex	102.59	0.95	54.07	48.52	TS167_v1_5	TS167_v2_3
TS450	OpenComplex_Server	102.59	0.95	54.07	48.52	TS450_v1_5	TS450_v2_3
TS294	KiharaLab	101.71	0.83	59.58	42.13	TS294_v1_1	TS294_v2_2
TS314	GuijunLab-PAthreader	101.54	0.84	58.77	42.77	TS314_v2_5	TS314_v1_2
TS052	Yang-Server	100.05	0.88	55.93	44.12	TS052_v1_5	TS052_v2_2
TS481	Vfold	99.67	0.86	56.57	43.10	TS481_v2_5	TS481_v1_2
TS091	Huang-HUST	99.24	0.95	52.08	47.17	TS091_v1_5	TS091_v2_3
TS319	MULTICOM_LLM	98.53	0.87	55.64	42.89	TS319_v1_2	TS319_v2_5
TS262	CoDock	98.36	0.83	57.63	40.74	TS262_v1_2	TS262_v2_1
TS033	Diff	97.93	0.90	53.94	43.99	TS033_v2_2	TS033_v1_1
TS331	MULTICOM_AI	97.73	0.86	55.64	42.09	TS331_v1_2	TS331_v2_2
TS325	405	97.47	0.87	55.21	42.26	TS325_v1_2	TS325_v2_2
TS159	406	97.47	0.87	55.21	42.26	TS159_v1_2	TS159_v2_2
TS369	Bhattacharya	97.17	0.89	54.07	43.10	TS369_v1_4	TS369_v2_4
TS489	Fernandez-Recio	96.71	0.86	54.96	41.75	TS489_v1_3	TS489_v2_4
TS298	ShanghaiTech-human	96.00	0.71	61.74	34.26	TS298_v1_1	TS298_v2_1
TS212	PIEFold_human	95.91	0.85	55.21	40.69	TS212_v2_1	TS212_v1_3
TS241	elofsson	95.14	0.86	54.32	40.82	TS241_v1_1	TS241_v2_5
TS231	B-LAB	94.34	0.85	54.07	40.27	TS231_v2_1	TS231_v1_2
TS304	AF3-server	94.04	0.92	50.89	43.15	TS304_v2_5	TS304_v1_2
TS465	Wallner	92.97	0.96	48.14	44.84	TS465_v1_4	TS465_v2_2
TS358	PerezLab_Gators	92.78	0.82	54.96	37.82	TS358_v2_2	TS358_v1_4
TS293	MRAH	91.92	0.91	49.91	42.01	TS293_v1_2	TS293_v2_3
TS079	MRAFold	91.92	0.91	49.91	42.01	TS079_v1_2	TS079_v2_3
TS272	GromihaLab	91.33	0.90	50.09	41.24	TS272_v1_1	TS272_v2_1
TS423	ShanghaiTech-server	91.08	0.86	51.91	39.17	TS423_v2_4	TS423_v1_1
TS267	kiharalab_server	89.30	0.88	50.00	39.30	TS267_v1_1	TS267_v2_4
TS148	Guijunlab-Complex	88.53	0.89	48.94	39.59	TS148_v2_5	TS148_v1_4
TS287	plmfold	88.49	0.89	49.32	39.17	TS287_v1_3	TS287_v2_4
TS198	colabfold	88.11	0.86	50.34	37.77	TS198_v1_2	TS198_v2_1
TS375	milliseconds	87.73	0.92	47.16	40.57	TS375_v2_3	TS375_v1_4
TS112	Seder2024easy	86.88	0.89	48.09	38.79	TS112_v1_4	TS112_v2_5
TS014	Cool-PSP	86.84	0.86	49.49	37.35	TS014_v2_3	TS014_v1_3
TS301	GHZ-MAN	86.84	0.93	46.65	40.19	TS301_v2_4	TS301_v1_1
TS163	MultiFOLD2	86.72	0.88	48.39	38.33	TS163_v1_3	TS163_v2_3
TS040	DELCLAB	86.50	0.89	48.09	38.41	TS040_v1_3	TS040_v2_3
TS145	colabfold_baseline	86.46	0.90	47.67	38.79	TS145_v1_2	TS145_v2_1
TS023	FTBiot0119	86.46	0.90	47.67	38.79	TS023_v1_2	TS023_v2_1
TS264	GuijunLab-Human	86.20	0.90	47.54	38.66	TS264_v2_2	TS264_v1_5
TS312	GuijunLab-Assembly	85.86	0.92	46.27	39.59	TS312_v2_4	TS312_v1_4
TS122	MQA_server	85.78	0.91	46.65	39.13	TS122_v1_3	TS122_v2_2
TS139	DeepFold-refine	84.76	0.92	45.93	38.83	TS139_v1_6	TS139_v2_6
TS059	DeepFold	84.76	0.92	45.93	38.83	TS059_v1_6	TS059_v2_6
TS017	Seder2024hard	84.52	0.86	48.05	36.46	TS017_v1_5	TS017_v2_4
TS397	smg_ulaval	84.13	0.93	45.00	39.13	TS397_v1_1	TS397_v2_1
TS164	McGuffin	83.83	0.92	45.47	38.37	TS164_v2_2	TS164_v1_3
TS015	PEZYFoldings	83.79	0.93	45.00	38.79	TS015_v1_4	TS015_v2_1
TS196	HYU_MLLAB	78.41	0.99	38.94	39.47	TS196_v1_2	TS196_v2_2

Supplementary Table S22: Results for T1239 GlobalLDDT Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_GlobalLDDT	V2_GlobalLDDT	V1_Model	V2_Model
TS028	NKRNA-s	1.67	0.98	0.82	0.85	TS028_v1_4	TS028_v2_1
TS208	falcon2	1.66	0.97	0.81	0.85	TS208_v1_4	TS208_v2_4
TS051	MULTICOM	1.66	0.98	0.81	0.85	TS051_v1_3	TS051_v2_2
TS345	MULTICOM_human	1.66	0.98	0.81	0.85	TS345_v1_1	TS345_v2_2
TS425	MULTICOM_GATE	1.65	0.98	0.81	0.85	TS425_v1_2	TS425_v2_1
TS456	Yang-Multimer	1.65	0.98	0.81	0.84	TS456_v1_3	TS456_v2_4
TS462	Zheng	1.65	0.98	0.81	0.84	TS462_v1_4	TS462_v2_2
TS235	isyslab-hust	1.65	0.98	0.81	0.84	TS235_v2_4	TS235_v1_2
TS110	MIEnsembles-Server	1.65	0.97	0.80	0.85	TS110_v2_5	TS110_v1_2
TS019	Zheng-Server	1.64	0.96	0.79	0.85	TS019_v1_1	TS019_v2_5
TS489	Fernandez-Recio	1.64	0.97	0.79	0.85	TS489_v1_3	TS489_v2_5
TS331	MULTICOM_AI	1.64	0.97	0.80	0.85	TS331_v1_2	TS331_v2_1
TS319	MULTICOM_LLM	1.64	0.97	0.80	0.85	TS319_v1_2	TS319_v2_1
TS022	Yang	1.64	0.97	0.80	0.84	TS022_v1_5	TS022_v2_1
TS052	Yang-Server	1.64	0.97	0.79	0.84	TS052_v1_1	TS052_v2_4
TS419	CSSB-Human	1.63	0.97	0.80	0.84	TS419_v1_2	TS419_v2_2
TS221	CSSB_FAKER	1.63	0.97	0.80	0.84	TS221_v1_2	TS221_v2_2
TS314	GuijunLab-PAthreader	1.63	0.97	0.79	0.84	TS314_v1_5	TS314_v2_5
TS294	KiharaLab	1.63	0.97	0.79	0.84	TS294_v2_1	TS294_v1_4
TS325	405	1.63	0.97	0.79	0.84	TS325_v2_2	TS325_v1_1
TS159	406	1.63	0.97	0.79	0.84	TS159_v1_2	TS159_v2_1
TS481	Vfold	1.63	0.97	0.79	0.84	TS481_v1_4	TS481_v2_4
TS272	GromihaLab	1.61	0.97	0.78	0.83	TS272_v1_3	TS272_v2_4
TS262	CoDock	1.61	0.97	0.78	0.83	TS262_v1_2	TS262_v2_5
TS147	Zheng-Multimer	1.60	0.94	0.76	0.85	TS147_v2_4	TS147_v1_1
TS286	CSSB_experimental	1.60	0.96	0.77	0.83	TS286_v1_4	TS286_v2_1
TS241	elofsson	1.60	0.94	0.75	0.85	TS241_v2_3	TS241_v1_2
TS204	Zou	1.58	0.95	0.75	0.83	TS204_v2_1	TS204_v1_5
TS298	ShanghaiTech-human	1.57	0.94	0.74	0.83	TS298_v2_1	TS298_v1_1
TS167	OpenComplex	1.57	0.94	0.74	0.83	TS167_v1_1	TS167_v2_5
TS450	OpenComplex_Server	1.57	0.94	0.74	0.83	TS450_v1_1	TS450_v2_5
TS304	AF3-server	1.54	0.96	0.74	0.81	TS304_v1_1	TS304_v2_2
TS033	Diff	1.54	0.95	0.73	0.81	TS033_v1_1	TS033_v2_4
TS231	B-LAB	1.54	0.96	0.74	0.80	TS231_v1_2	TS231_v2_5
TS091	Huang-HUST	1.52	0.97	0.74	0.78	TS091_v1_4	TS091_v2_4
TS264	GuijunLab-Human	1.51	0.96	0.72	0.79	TS264_v2_6	TS264_v1_5
TS198	colabfold	1.50	0.95	0.72	0.79	TS198_v1_5	TS198_v2_4
TS023	FTBiot0119	1.50	0.95	0.71	0.79	TS023_v1_5	TS023_v2_4
TS145	colabfold_baseline	1.50	0.95	0.71	0.79	TS145_v1_2	TS145_v2_4
TS164	McGuffin	1.50	0.97	0.73	0.78	TS164_v1_5	TS164_v2_5
TS017	Seder2024hard	1.50	0.95	0.71	0.79	TS017_v1_1	TS017_v2_5
TS358	PerezLab_Gators	1.50	0.95	0.71	0.78	TS358_v1_5	TS358_v2_1
TS369	Bhattacharya	1.50	0.97	0.72	0.77	TS369_v1_4	TS369_v2_1
TS148	Guijunlab-Complex	1.49	0.95	0.71	0.78	TS148_v2_5	TS148_v1_3
TS312	GuijunLab-Assembly	1.49	0.95	0.71	0.78	TS312_v2_5	TS312_v1_3
TS287	plmfold	1.49	0.96	0.71	0.77	TS287_v2_4	TS287_v1_5
TS163	MultiFOLD2	1.49	0.96	0.71	0.78	TS163_v1_3	TS163_v2_5
TS112	Seder2024easy	1.48	0.94	0.70	0.79	TS112_v1_2	TS112_v2_1
TS301	GHZ-MAN	1.48	0.96	0.71	0.77	TS301_v2_5	TS301_v1_4
TS375	milliseconds	1.48	0.96	0.71	0.77	TS375_v2_3	TS375_v1_2
TS397	smg_ulaval	1.47	0.96	0.71	0.77	TS397_v1_1	TS397_v2_1
TS122	MQA_server	1.47	0.96	0.71	0.76	TS122_v1_4	TS122_v2_2
TS423	ShanghaiTech-server	1.44	0.95	0.68	0.76	TS423_v2_3	TS423_v1_2
TS465	Wallner	1.43	0.94	0.68	0.75	TS465_v1_3	TS465_v2_2
TS212	PIEFold_human	1.43	0.92	0.66	0.77	TS212_v1_3	TS212_v2_1
TS267	kiharalab_server	1.42	0.96	0.68	0.74	TS267_v1_5	TS267_v2_4
TS388	DeepFold-server	1.41	0.92	0.65	0.76	TS388_v1_2	TS388_v2_3
TS014	Cool-PSP	1.41	0.96	0.68	0.73	TS014_v2_6	TS014_v1_1
TS059	DeepFold	1.41	0.95	0.67	0.74	TS059_v1_6	TS059_v2_3
TS293	MRAH	1.39	0.97	0.67	0.72	TS293_v1_3	TS293_v2_3
TS079	MRAFold	1.39	0.97	0.67	0.72	TS079_v1_3	TS079_v2_3
TS139	DeepFold-refine	1.39	0.96	0.67	0.72	TS139_v1_6	TS139_v2_6
TS040	DELCLAB	1.34	0.96	0.65	0.70	TS040_v1_2	TS040_v2_3
TS015	PEZYFoldings	1.34	0.96	0.65	0.70	TS015_v2_6	TS015_v1_6
TS196	HYU_MLLAB	1.27	0.95	0.60	0.66	TS196_v1_1	TS196_v2_3
TS351	digiwiser-ensemble	1.23	0.96	0.59	0.64	TS351_v1_1	TS351_v2_1
TS120	Cerebra	1.12	0.97	0.54	0.58	TS120_v1_4	TS120_v2_3
TS475	ptq	0.77	0.0	0.00	0.77	N/A[1]	TS475_v2_5
TS269	CSSB	0.76	0.0	0.00	0.76	N/A[1]	TS269_v2_2

Supplementary Table S23: Results for T1239 TMscore Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_TMscore	V2_TMscore	V1_Model	V2_Model
TS462	Zheng	1.58	0.85	0.91	0.67	TS462_v2_2	TS462_v1_1
TS019	Zheng-Server	1.54	0.99	0.76	0.77	TS019_v1_1	TS019_v2_5
TS425	MULTICOM_GATE	1.52	0.84	0.88	0.64	TS425_v1_2	TS425_v2_4
TS481	Vfold	1.47	0.89	0.81	0.65	TS481_v1_5	TS481_v2_4
TS147	Zheng-Multimer	1.44	0.89	0.80	0.64	TS147_v1_3	TS147_v2_5
TS221	CSSB_FAKER	1.43	0.72	0.91	0.52	TS221_v2_1	TS221_v1_4
TS419	CSSB-Human	1.43	0.72	0.91	0.52	TS419_v2_1	TS419_v1_4
TS028	NKRNA-s	1.43	0.71	0.92	0.51	TS028_v2_2	TS028_v1_4
TS051	MULTICOM	1.43	0.71	0.92	0.51	TS051_v1_4	TS051_v2_4
TS345	MULTICOM_human	1.43	0.71	0.92	0.51	TS345_v1_4	TS345_v2_4
TS286	CSSB_experimental	1.42	0.73	0.91	0.52	TS286_v2_1	TS286_v1_5
TS235	isyslab-hust	1.42	0.72	0.91	0.51	TS235_v2_4	TS235_v1_1
TS208	falcon2	1.40	0.71	0.90	0.50	TS208_v1_4	TS208_v2_4
TS204	Zou	1.39	0.74	0.87	0.52	TS204_v1_5	TS204_v2_2
TS456	Yang-Multimer	1.38	0.75	0.86	0.52	TS456_v1_3	TS456_v2_2
TS450	OpenComplex_Server	1.38	0.95	0.72	0.65	TS450_v1_1	TS450_v2_4
TS167	OpenComplex	1.38	0.95	0.72	0.65	TS167_v1_1	TS167_v2_4
TS110	MIEnsembles-Server	1.36	0.75	0.85	0.51	TS110_v1_1	TS110_v2_2
TS022	Yang	1.34	0.78	0.82	0.52	TS022_v1_5	TS022_v2_4
TS298	ShanghaiTech-human	1.34	0.70	0.87	0.47	TS298_v1_1	TS298_v2_1
TS052	Yang-Server	1.34	0.79	0.81	0.53	TS052_v1_5	TS052_v2_3
TS294	KiharaLab	1.34	0.76	0.83	0.51	TS294_v1_1	TS294_v2_2
TS262	CoDock	1.34	0.75	0.83	0.50	TS262_v1_2	TS262_v2_2
TS033	Diff	1.33	0.94	0.70	0.62	TS033_v2_2	TS033_v1_1
TS091	Huang-HUST	1.32	0.92	0.71	0.61	TS091_v1_5	TS091_v2_3
TS314	GuijunLab-PAthreader	1.32	0.76	0.82	0.51	TS314_v2_5	TS314_v1_5
TS319	MULTICOM_LLM	1.32	0.77	0.81	0.51	TS319_v1_2	TS319_v2_5
TS331	MULTICOM_AI	1.32	0.77	0.81	0.51	TS331_v1_2	TS331_v2_5
TS159	406	1.31	0.78	0.80	0.51	TS159_v1_2	TS159_v2_2
TS325	405	1.31	0.78	0.80	0.51	TS325_v1_2	TS325_v2_2
TS212	PIEFold_human	1.30	0.77	0.80	0.50	TS212_v2_1	TS212_v1_4
TS465	Wallner	1.30	0.98	0.66	0.63	TS465_v1_4	TS465_v2_2
TS489	Fernandez-Recio	1.28	0.78	0.78	0.50	TS489_v1_3	TS489_v2_4
TS241	elofsson	1.27	0.81	0.76	0.51	TS241_v1_4	TS241_v2_5
TS423	ShanghaiTech-server	1.23	0.83	0.72	0.51	TS423_v1_4	TS423_v2_5
TS369	Bhattacharya	1.22	0.83	0.71	0.51	TS369_v1_3	TS369_v2_4
TS231	B-LAB	1.21	0.83	0.71	0.50	TS231_v2_1	TS231_v1_2
TS358	PerezLab_Gators	1.21	0.81	0.72	0.49	TS358_v2_2	TS358_v1_4
TS272	GromihaLab	1.21	0.83	0.70	0.50	TS272_v1_1	TS272_v2_1
TS040	DELCLAB	1.21	0.84	0.70	0.51	TS040_v1_3	TS040_v2_3
TS112	Seder2024easy	1.20	0.85	0.69	0.51	TS112_v1_4	TS112_v2_4
TS017	Seder2024hard	1.20	0.85	0.69	0.51	TS017_v1_1	TS017_v2_4
TS145	colabfold_baseline	1.20	0.85	0.69	0.51	TS145_v1_2	TS145_v2_3
TS079	MRAFold	1.20	0.88	0.67	0.53	TS079_v1_2	TS079_v2_3
TS293	MRAH	1.20	0.88	0.67	0.53	TS293_v1_2	TS293_v2_3
TS023	FTBiot0119	1.20	0.85	0.69	0.51	TS023_v1_2	TS023_v2_3
TS304	AF3-server	1.20	0.87	0.67	0.52	TS304_v2_4	TS304_v1_2
TS198	colabfold	1.19	0.83	0.70	0.49	TS198_v1_2	TS198_v2_1
TS148	Guijunlab-Complex	1.19	0.84	0.69	0.50	TS148_v2_5	TS148_v1_3
TS059	DeepFold	1.19	0.88	0.67	0.52	TS059_v1_6	TS059_v2_3
TS014	Cool-PSP	1.19	0.83	0.69	0.50	TS014_v2_3	TS014_v1_5
TS163	MultiFOLD2	1.19	0.84	0.69	0.50	TS163_v1_2	TS163_v2_3
TS139	DeepFold-refine	1.18	0.87	0.67	0.52	TS139_v1_6	TS139_v2_2
TS375	milliseconds	1.18	0.85	0.68	0.50	TS375_v1_3	TS375_v2_3
TS301	GHZ-MAN	1.16	0.88	0.65	0.51	TS301_v2_4	TS301_v1_1
TS312	GuijunLab-Assembly	1.16	0.87	0.66	0.50	TS312_v2_4	TS312_v1_3
TS264	GuijunLab-Human	1.16	0.87	0.65	0.50	TS264_v2_2	TS264_v1_5
TS267	kiharalab_server	1.16	0.86	0.66	0.50	TS267_v1_1	TS267_v2_4
TS122	MQA_server	1.15	0.87	0.65	0.50	TS122_v1_3	TS122_v2_3
TS287	plmfold	1.15	0.89	0.64	0.51	TS287_v1_3	TS287_v2_4
TS015	PEZYFoldings	1.14	0.91	0.62	0.52	TS015_v2_3	TS015_v1_4
TS164	McGuffin	1.14	0.88	0.64	0.50	TS164_v2_2	TS164_v1_2
TS397	smg_ulaval	1.12	0.90	0.61	0.50	TS397_v2_1	TS397_v1_1
TS196	HYU_MLLAB	1.08	0.96	0.52	0.56	TS196_v1_2	TS196_v2_3

Supplementary Table S24: Results for T1249 AvgDockQ Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_AvgDockQ	V2_AvgDockQ	V1_Model	V2_Model
TS393	GuijunLab-QA	0.97	0.98	0.47	0.50	TS393_v1_3o	TS393_v2_6o
TS304	AF3-server	0.94	0.91	0.43	0.51	TS304_v1_2o	TS304_v2_1o
TS314	GuijunLab-PAthreader	0.88	0.83	0.37	0.52	TS314_v1_2o	TS314_v2_1o
TS345	MULTICOM_human	0.87	0.43	0.69	0.19	TS345_v2_4o	TS345_v1_5o
TS397	smg_ulaval	0.87	0.49	0.65	0.21	TS397_v2_1o	TS397_v1_1o
TS015	PEZYFoldings	0.86	0.34	0.71	0.14	TS015_v1_2o	TS015_v2_1o
TS456	Yang-Multimer	0.81	0.38	0.65	0.15	TS456_v1_2o	TS456_v2_2o
TS051	MULTICOM	0.79	0.46	0.61	0.18	TS051_v1_6o	TS051_v2_5o
TS293	MRAH	0.78	0.40	0.62	0.16	TS293_v1_2o	TS293_v2_5o
TS079	MRAFold	0.78	0.40	0.62	0.16	TS079_v1_2o	TS079_v2_5o
TS014	Cool-PSP	0.77	0.32	0.65	0.12	TS014_v1_1o	TS014_v2_1o
TS322	XGroup	0.76	0.70	0.49	0.26	TS322_v1_4o	TS322_v2_1o
TS219	XGroup-Server	0.76	0.70	0.49	0.26	TS219_v1_4o	TS219_v2_1o
TS465	Wallner	0.73	0.40	0.58	0.15	TS465_v1_1o	TS465_v2_3o
TS241	elofsson	0.73	0.50	0.55	0.18	TS241_v2_5o	TS241_v1_1o
TS052	Yang-Server	0.72	0.72	0.46	0.26	TS052_v1_3o	TS052_v2_1o
TS091	Huang-HUST	0.71	0.63	0.49	0.23	TS091_v2_5o	TS091_v1_1o
TS462	Zheng	0.71	0.73	0.45	0.26	TS462_v2_1o	TS462_v1_6o
TS290	Pierce	0.71	0.70	0.46	0.25	TS290_v1_5o	TS290_v2_4o
TS167	OpenComplex	0.70	0.62	0.48	0.22	TS167_v2_2o	TS167_v1_5o
TS450	OpenComplex_Server	0.70	0.62	0.48	0.22	TS450_v2_2o	TS450_v1_5o
TS008	HADDOCK	0.70	0.69	0.46	0.24	TS008_v1_1o	TS008_v2_5o
TS059	DeepFold	0.68	0.62	0.47	0.21	TS059_v2_3o	TS059_v1_5o
TS369	Bhattacharya	0.66	0.66	0.44	0.22	TS369_v1_3o	TS369_v2_2o
TS022	Yang	0.64	0.57	0.46	0.18	TS022_v1_5o	TS022_v2_1o
TS425	MULTICOM_GATE	0.64	0.57	0.46	0.18	TS425_v2_3o	TS425_v1_4o
TS331	MULTICOM_AI	0.64	0.57	0.46	0.18	TS331_v2_3o	TS331_v1_4o
TS319	MULTICOM_LLM	0.64	0.57	0.46	0.18	TS319_v2_3o	TS319_v1_4o
TS301	GHZ-MAN	0.64	0.44	0.50	0.14	TS301_v1_2o	TS301_v2_1o
TS267	kiharalab_server	0.64	0.48	0.48	0.15	TS267_v1_2o	TS267_v2_2o
TS375	milliseconds	0.64	0.57	0.45	0.18	TS375_v2_1o	TS375_v1_4o
TS423	ShanghaiTech-server	0.63	0.46	0.49	0.14	TS423_v1_2o	TS423_v2_2o
TS294	KiharaLab	0.62	0.53	0.46	0.17	TS294_v2_4o	TS294_v1_5o
TS204	Zou	0.62	0.37	0.51	0.11	TS204_v2_5o	TS204_v1_1o
TS145	colabfold_baseline	0.62	0.78	0.38	0.24	TS145_v1_2o	TS145_v2_5o
TS380	mialab_prediction	0.62	0.78	0.38	0.24	TS380_v1_4o	TS380_v2_5o
TS311	RAGfold_Prot1	0.62	0.47	0.47	0.14	TS311_v1_2o	TS311_v2_1o
TS148	Guijunlab-Complex	0.62	0.11	0.58	0.03	TS148_v2_2o	TS148_v1_3o
TS264	GuijunLab-Human	0.61	0.09	0.58	0.03	TS264_v2_2o	TS264_v1_4o
TS312	GuijunLab-Assembly	0.61	0.09	0.58	0.03	TS312_v2_2o	TS312_v1_4o
TS287	plmfold	0.60	0.41	0.47	0.12	TS287_v2_2o	TS287_v1_5o
TS198	colabfold	0.60	0.70	0.39	0.21	TS198_v2_2o	TS198_v1_3o
TS122	MQA_server	0.59	0.08	0.57	0.02	TS122_v2_1o	TS122_v1_3o
TS075	GHZ-ISM	0.59	0.08	0.57	0.02	TS075_v2_1o	TS075_v1_2o
TS475	ptq	0.59	0.08	0.57	0.02	TS475_v2_1o	TS475_v1_2o
TS284	Unicorn	0.59	0.08	0.57	0.02	TS284_v2_1o	TS284_v1_2o
TS031	MassiveFold	0.56	0.49	0.42	0.14	TS031_v2_4o	TS031_v1_5o
TS163	MultiFOLD2	0.55	0.69	0.36	0.19	TS163_v1_3o	TS163_v2_5o
TS494	ClusPro	0.55	0.72	0.35	0.20	TS494_v1_4o	TS494_v2_4o
TS261	UNRES	0.55	0.94	0.29	0.26	TS261_v1_1o	TS261_v2_1o
TS187	Ayush	0.53	0.63	0.36	0.17	TS187_v2_1o	TS187_v1_1o
TS274	kozakovvajda	0.52	0.59	0.36	0.15	TS274_v2_1o	TS274_v1_5o
TS272	GromihaLab	0.52	0.22	0.06	0.46	TS272_v2_1o	TS272_v1_2o
TS164	McGuffin	0.52	0.47	0.39	0.12	TS164_v2_5o	TS164_v1_4o
TS028	NKRNA-s	0.49	0.13	0.46	0.03	TS028_v2_1o	TS028_v1_4o
TS208	falcon2	0.48	0.44	0.37	0.10	TS208_v2_4o	TS208_v1_5o
TS110	MIEnsembles-Server	0.48	0.11	0.45	0.03	TS110_v2_1o	TS110_v1_4o
TS147	Zheng-Multimer	0.48	0.11	0.45	0.03	TS147_v2_1o	TS147_v1_3o
TS117	Vakser	0.41	0.09	0.02	0.39	TS117_v1_2o	TS117_v2_3o
TS040	DELCLAB	0.39	0.0	0.39	0.00	TS040_v2_3o	N/A[1]
TS419	CSSB-Human	0.39	0.64	0.26	0.12	TS419_v1_3o	TS419_v2_1o
TS221	CSSB_FAKER	0.39	0.64	0.26	0.12	TS221_v1_3o	TS221_v2_1o
TS286	CSSB_experimental	0.39	0.64	0.26	0.12	TS286_v1_3o	TS286_v2_1o
TS323	Yan	0.33	0.14	0.31	0.02	TS323_v2_1o	TS323_v1_1o
TS262	CoDock	0.33	0.52	0.24	0.09	TS262_v2_5o	TS262_v1_1o
TS489	Fernandez-Recio	0.20	0.51	0.15	0.05	TS489_v1_1o	TS489_v2_5o
TS196	HYU_MLLAB	0.07	0.42	0.01	0.05	TS196_v1_3o	TS196_v2_5o
TS114	COAST	0.04	0.80	0.02	0.01	TS114_v1_5	TS114_v2_1

Supplementary Table S25: Results for T1249 GDT TS Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_GDT_TS	V2_GDT_TS	V1_Model	V2_Model
TS393	GuijunLab-QA	1.51	0.95	79.50	71.70	TS393_v1_2	TS393_v2_6
TS304	AF3-server	1.46	0.97	70.80	75.00	TS304_v1_2	TS304_v2_1
TS059	DeepFold	1.44	0.82	84.80	59.00	TS059_v2_3	TS059_v1_5
TS345	MULTICOM_human	1.42	0.76	88.00	53.60	TS345_v2_4	TS345_v1_2
TS052	Yang-Server	1.41	0.83	82.50	58.30	TS052_v1_3	TS052_v2_1
TS079	MRAFold	1.40	0.76	86.40	53.20	TS079_v2_1	TS079_v1_4
TS091	Huang-HUST	1.40	0.87	78.80	60.80	TS091_v2_1	TS091_v1_1
TS293	MRAH	1.40	0.76	86.40	53.20	TS293_v2_1	TS293_v1_4
TS314	GuijunLab-PAthreader	1.39	0.89	61.60	77.60	TS314_v1_2	TS314_v2_1
TS015	PEZYFoldings	1.39	0.75	86.60	52.20	TS015_v1_2	TS015_v2_5
TS456	Yang-Multimer	1.38	0.74	87.30	51.00	TS456_v1_1	TS456_v2_2
TS397	smg_ulaval	1.38	0.81	82.40	55.70	TS397_v2_1	TS397_v1_1
TS241	elofsson	1.38	0.85	79.10	58.40	TS241_v1_3	TS241_v2_4
TS014	Cool-PSP	1.37	0.75	85.60	51.30	TS014_v1_1	TS014_v2_1
TS375	milliseconds	1.37	0.83	79.90	56.90	TS375_v1_3	TS375_v2_2
TS423	ShanghaiTech-server	1.37	0.76	84.60	52.20	TS423_v1_2	TS423_v2_4
TS008	HADDOCK	1.37	0.86	78.00	58.70	TS008_v1_4	TS008_v2_5
TS290	Pierce	1.36	0.79	82.70	53.80	TS290_v2_3	TS290_v1_5
TS462	Zheng	1.36	0.85	78.30	58.10	TS462_v2_3	TS462_v1_6
TS167	OpenComplex	1.36	0.86	77.60	58.60	TS167_v2_2	TS167_v1_5
TS294	KiharaLab	1.36	0.77	84.10	52.10	TS294_v2_4	TS294_v1_4
TS267	kiharalab_server	1.36	0.78	83.20	53.00	TS267_v2_3	TS267_v1_1
TS450	OpenComplex_Server	1.36	0.86	77.60	58.60	TS450_v2_2	TS450_v1_5
TS145	colabfold_baseline	1.36	0.95	71.50	64.40	TS145_v1_2	TS145_v2_5
TS380	mialab_prediction	1.36	0.95	71.50	64.40	TS380_v1_4	TS380_v2_5
TS198	colabfold	1.36	0.89	75.20	60.60	TS198_v1_2	TS198_v2_3
TS301	GHZ-MAN	1.35	0.76	83.90	51.50	TS301_v1_2	TS301_v2_1
TS031	MassiveFold	1.35	0.78	82.60	52.30	TS031_v2_3	TS031_v1_5
TS022	Yang	1.35	0.78	82.50	52.20	TS022_v1_3	TS022_v2_5
TS051	MULTICOM	1.34	0.80	80.50	53.60	TS051_v1_6	TS051_v2_2
TS311	RAGfold_Prot1	1.31	0.82	77.20	53.90	TS311_v1_2	TS311_v2_1
TS163	MultiFOLD2	1.30	0.91	71.20	59.30	TS163_v1_3	TS163_v2_5
TS319	MULTICOM_LLM	1.30	0.80	77.90	52.30	TS319_v2_3	TS319_v1_5
TS425	MULTICOM_GATE	1.30	0.80	77.90	52.30	TS425_v2_3	TS425_v1_5
TS331	MULTICOM_AI	1.30	0.80	77.90	52.30	TS331_v2_3	TS331_v1_5
TS219	XGroup-Server	1.30	0.89	71.90	58.20	TS219_v1_3	TS219_v2_4
TS322	XGroup	1.30	0.89	71.90	58.20	TS322_v1_3	TS322_v2_4
TS204	Zou	1.30	0.71	84.00	46.00	TS204_v2_4	TS204_v1_2
TS369	Bhattacharya	1.29	0.84	74.90	54.40	TS369_v1_3	TS369_v2_2
TS187	Ayush	1.26	0.88	70.80	55.20	TS187_v1_1	TS187_v2_1
TS494	ClusPro	1.26	0.92	67.90	58.00	TS494_v1_3	TS494_v2_4
TS261	UNRES	1.22	0.96	58.30	63.40	TS261_v2_4	TS261_v1_5
TS465	Wallner	1.20	0.74	75.30	44.20	TS465_v1_1	TS465_v2_3
TS287	plmfold	1.19	0.82	70.50	48.50	TS287_v2_1	TS287_v1_5
TS274	kozakovvajda	1.18	0.86	67.50	50.80	TS274_v1_1	TS274_v1_4
TS264	GuijunLab-Human	1.18	0.53	86.40	31.10	TS264_v2_2	TS264_v1_3
TS312	GuijunLab-Assembly	1.18	0.53	86.40	31.10	TS312_v2_2	TS312_v1_3
TS148	Guijunlab-Complex	1.17	0.52	86.40	30.50	TS148_v2_2	TS148_v1_4
TS164	McGuffin	1.15	0.81	68.30	46.20	TS164_v2_5	TS164_v1_4
TS208	falcon2	1.13	0.82	66.70	46.20	TS208_v2_4	TS208_v1_5
TS110	MIEnsembles-Server	1.09	0.57	78.30	31.00	TS110_v2_4	TS110_v1_4
TS028	NKRNA-s	1.09	0.56	78.80	30.50	TS028_v2_1	TS028_v1_1
TS147	Zheng-Multimer	1.09	0.57	78.30	31.00	TS147_v2_3	TS147_v1_4
TS075	GHZ-ISM	1.05	0.59	74.00	30.70	TS075_v2_2	TS075_v1_1
TS122	MQA_server	1.05	0.59	74.00	30.70	TS122_v2_3	TS122_v1_1
TS284	Unicorn	1.05	0.59	74.00	30.70	TS284_v2_2	TS284_v1_1
TS475	ptq	1.05	0.59	74.00	30.70	TS475_v2_2	TS475_v1_1
TS272	GromihaLab	1.04	0.69	35.90	68.40	TS272_v2_1	TS272_v1_2
TS286	CSSB_experimental	0.97	0.89	53.90	43.10	TS286_v2_1	TS286_v1_1
TS221	CSSB_FAKER	0.97	0.89	53.90	43.10	TS221_v2_1	TS221_v1_1
TS419	CSSB-Human	0.97	0.89	53.90	43.10	TS419_v2_1	TS419_v1_1
TS117	Vakser	0.77	0.41	15.70	61.30	TS117_v1_2	TS117_v2_4
TS323	Yan	0.76	0.42	59.60	16.00	TS323_v2_1	TS323_v1_1
TS262	CoDock	0.75	0.87	42.40	32.60	TS262_v2_1	TS262_v1_2

Supplementary Table S26: Results for T1249 GlobalLDDT Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_GlobalLDDT	V2_GlobalLDDT	V1_Model	V2_Model
TS304	AF3-server	1.60	0.99	0.79	0.81	TS304_v1_2o	TS304_v2_1o
TS393	GuijunLab-QA	1.57	0.99	0.78	0.79	TS393_v1_6o	TS393_v2_6o
TS462	Zheng	1.57	0.99	0.79	0.78	TS462_v1_6o	TS462_v2_6o
TS314	GuijunLab-PAthreader	1.56	0.97	0.76	0.81	TS314_v1_2o	TS314_v2_1o
TS241	elofsson	1.55	0.98	0.79	0.76	TS241_v2_5o	TS241_v1_3o
TS015	PEZYFoldings	1.55	0.96	0.81	0.74	TS015_v1_2o	TS015_v2_1o
TS345	MULTICOM_human	1.55	0.98	0.79	0.76	TS345_v1_5o	TS345_v2_5o
TS272	GromihaLab	1.55	0.96	0.74	0.80	TS272_v2_1o	TS272_v1_2o
TS375	milliseconds	1.55	0.98	0.79	0.76	TS375_v1_3o	TS375_v2_2o
TS284	Unicorn	1.54	0.97	0.80	0.75	TS284_v2_1o	TS284_v1_4o
TS475	ptq	1.54	0.97	0.80	0.75	TS475_v2_1o	TS475_v1_4o
TS075	GHZ-ISM	1.54	0.97	0.80	0.75	TS075_v2_1o	TS075_v1_4o
TS110	MIEnsembles-Server	1.54	0.98	0.79	0.76	TS110_v2_5o	TS110_v1_3o
TS122	MQA_server	1.54	0.97	0.80	0.75	TS122_v2_2o	TS122_v1_5o
TS052	Yang-Server	1.54	0.99	0.78	0.76	TS052_v1_1o	TS052_v2_1o
TS051	MULTICOM	1.54	0.98	0.79	0.76	TS051_v1_3o	TS051_v2_5o
TS290	Pierce	1.54	0.98	0.78	0.76	TS290_v1_5o	TS290_v2_1o
TS319	MULTICOM_LLM	1.54	0.99	0.78	0.76	TS319_v1_4o	TS319_v2_2o
TS425	MULTICOM_GATE	1.54	0.99	0.78	0.76	TS425_v1_4o	TS425_v2_2o
TS331	MULTICOM_AI	1.54	0.99	0.78	0.76	TS331_v1_4o	TS331_v2_2o
TS028	NKRNA-s	1.54	0.98	0.79	0.76	TS028_v2_4o	TS028_v1_2o
TS287	plmfold	1.54	0.97	0.79	0.75	TS287_v2_1o	TS287_v1_4o
TS147	Zheng-Multimer	1.54	0.98	0.79	0.76	TS147_v2_3o	TS147_v1_1o
TS397	smg_ulaval	1.54	0.97	0.79	0.75	TS397_v2_1o	TS397_v1_1o
TS167	OpenComplex	1.54	0.98	0.78	0.76	TS167_v2_2o	TS167_v1_5o
TS450	OpenComplex_Server	1.54	0.98	0.78	0.76	TS450_v2_2o	TS450_v1_5o
TS293	MRAH	1.54	0.96	0.80	0.74	TS293_v1_2o	TS293_v2_5o
TS079	MRAFold	1.54	0.96	0.80	0.74	TS079_v1_2o	TS079_v2_5o
TS369	Bhattacharya	1.54	0.99	0.78	0.76	TS369_v1_3o	TS369_v2_2o
TS456	Yang-Multimer	1.53	0.97	0.79	0.74	TS456_v2_5o	TS456_v1_2o
TS312	GuijunLab-Assembly	1.53	0.99	0.77	0.76	TS312_v2_1o	TS312_v1_1o
TS264	GuijunLab-Human	1.53	0.99	0.77	0.76	TS264_v2_1o	TS264_v1_5o
TS294	KiharaLab	1.53	0.97	0.79	0.75	TS294_v2_3o	TS294_v1_1o
TS022	Yang	1.53	0.98	0.78	0.75	TS022_v1_5o	TS022_v2_1o
TS091	Huang-HUST	1.53	0.99	0.77	0.76	TS091_v2_4o	TS091_v1_1o
TS148	Guijunlab-Complex	1.52	0.98	0.77	0.75	TS148_v2_1o	TS148_v1_1o
TS204	Zou	1.52	0.97	0.78	0.74	TS204_v2_3o	TS204_v1_3o
TS008	HADDOCK	1.52	0.99	0.77	0.75	TS008_v1_4o	TS008_v2_5o
TS059	DeepFold	1.52	0.98	0.77	0.74	TS059_v1_1o	TS059_v2_6o
TS267	kiharalab_server	1.51	0.97	0.78	0.73	TS267_v2_3o	TS267_v1_3o
TS145	colabfold_baseline	1.51	1.00	0.76	0.76	TS145_v1_1o	TS145_v2_5o
TS164	McGuffin	1.51	0.98	0.77	0.74	TS164_v2_5o	TS164_v1_2o
TS380	mialab_prediction	1.51	1.00	0.76	0.76	TS380_v1_3o	TS380_v2_5o
TS311	RAGfold_Prot1	1.51	0.99	0.76	0.75	TS311_v1_3o	TS311_v2_1o
TS198	colabfold	1.51	0.99	0.76	0.75	TS198_v2_2o	TS198_v1_3o
TS301	GHZ-MAN	1.51	0.98	0.77	0.74	TS301_v2_1o	TS301_v1_3o
TS014	Cool-PSP	1.51	0.94	0.80	0.71	TS014_v1_1o	TS014_v2_1o
TS208	falcon2	1.51	0.99	0.76	0.74	TS208_v2_4o	TS208_v1_5o
TS163	MultiFOLD2	1.50	0.99	0.76	0.74	TS163_v1_3o	TS163_v2_3o
TS494	ClusPro	1.49	1.00	0.75	0.74	TS494_v1_4o	TS494_v2_3o
TS187	Ayush	1.49	0.99	0.75	0.74	TS187_v1_1o	TS187_v2_1o
TS322	XGroup	1.48	1.00	0.74	0.74	TS322_v1_4o	TS322_v2_1o
TS219	XGroup-Server	1.48	1.00	0.74	0.74	TS219_v1_4o	TS219_v2_1o
TS274	kozakovvajda	1.48	0.99	0.75	0.73	TS274_v2_1o	TS274_v1_5o
TS423	ShanghaiTech-server	1.47	0.98	0.75	0.72	TS423_v2_2o	TS423_v1_4o
TS031	MassiveFold	1.47	0.97	0.75	0.71	TS031_v2_5o	TS031_v1_5o
TS261	UNRES	1.44	1.00	0.72	0.72	TS261_v1_3o	TS261_v2_1o
TS465	Wallner	1.43	0.97	0.74	0.69	TS465_v1_1o	TS465_v2_3o
TS262	CoDock	1.32	0.92	0.61	0.72	TS262_v2_2o	TS262_v1_5o
TS323	Yan	1.24	0.79	0.76	0.49	TS323_v2_1o	TS323_v1_1o
TS419	CSSB-Human	1.22	0.94	0.65	0.57	TS419_v1_1o	TS419_v2_1o
TS221	CSSB_FAKER	1.22	0.94	0.65	0.57	TS221_v1_1o	TS221_v2_1o
TS286	CSSB_experimental	1.22	0.94	0.65	0.57	TS286_v1_1o	TS286_v2_1o
TS489	Fernandez-Recio	1.08	0.98	0.55	0.53	TS489_v1_3o	TS489_v2_3o
TS117	Vakser	1.07	0.78	0.65	0.42	TS117_v2_2o	TS117_v1_2o
TS196	HYU_MLLAB	1.07	0.96	0.51	0.56	TS196_v2_3o	TS196_v1_1o
TS085	Bates	0.98	0.88	0.43	0.55	TS085_v1_5o	TS085_v2_5o
TS040	DELCLAB	0.72	0.0	0.72	0.00	TS040_v2_3o	N/A[1]
TS139	DeepFold-refine	0.65	0.77	0.25	0.40	TS139_v2_4o	TS139_v1_5o
TS114	COAST	0.36	0.99	0.18	0.18	TS114_v1_4o	TS114_v2_4o

Supplementary Table S27: Results for T1249 TMscore Two-State Score

Group	Group_Name	Two-State_Score	Balance	V1_TMscore	V2_TMscore	V1_Model	V2_Model
TS304	AF3-server	1.91	0.99	0.95	0.97	TS304_v1_2o	TS304_v2_1o
TS393	GuijunLab-QA	1.91	1.00	0.96	0.95	TS393_v1_2o	TS393_v2_6o
TS314	GuijunLab-PAthreader	1.90	0.98	0.94	0.96	TS314_v1_2o	TS314_v2_1o
TS145	colabfold_baseline	1.88	0.99	0.95	0.93	TS145_v2_1o	TS145_v1_5o
TS380	mialab_prediction	1.88	0.99	0.95	0.93	TS380_v2_3o	TS380_v1_5o
TS091	Huang-HUST	1.88	0.98	0.96	0.92	TS091_v2_4o	TS091_v1_1o
TS052	Yang-Server	1.88	0.97	0.96	0.91	TS052_v1_3o	TS052_v2_1o
TS059	DeepFold	1.87	0.97	0.96	0.91	TS059_v2_3o	TS059_v1_5o
TS198	colabfold	1.87	0.98	0.95	0.92	TS198_v1_2o	TS198_v2_3o
TS450	OpenComplex_Server	1.87	0.97	0.96	0.91	TS450_v2_2o	TS450_v1_5o
TS167	OpenComplex	1.87	0.97	0.96	0.91	TS167_v2_2o	TS167_v1_5o
TS462	Zheng	1.87	0.97	0.96	0.91	TS462_v2_3o	TS462_v1_6o
TS008	HADDOCK	1.87	0.97	0.96	0.91	TS008_v2_1o	TS008_v1_5o
TS345	MULTICOM_human	1.86	0.95	0.98	0.89	TS345_v2_4o	TS345_v1_2o
TS322	XGroup	1.86	0.99	0.94	0.92	TS322_v1_3o	TS322_v2_4o
TS219	XGroup-Server	1.86	0.99	0.94	0.92	TS219_v1_3o	TS219_v2_4o
TS015	PEZYFoldings	1.86	0.95	0.98	0.88	TS015_v1_2o	TS015_v2_3o
TS293	MRAH	1.86	0.95	0.98	0.88	TS293_v1_2o	TS293_v2_5o
TS079	MRAFold	1.86	0.95	0.98	0.88	TS079_v1_2o	TS079_v2_5o
TS163	MultiFOLD2	1.86	0.98	0.95	0.91	TS163_v1_3o	TS163_v2_5o
TS311	RAGfold_Prot1	1.86	0.96	0.97	0.89	TS311_v1_2o	TS311_v2_1o
TS375	milliseconds	1.86	0.97	0.96	0.90	TS375_v1_3o	TS375_v2_2o
TS290	Pierce	1.86	0.96	0.96	0.89	TS290_v2_2o	TS290_v1_5o
TS494	ClusPro	1.85	0.98	0.94	0.91	TS494_v1_4o	TS494_v2_4o
TS397	smg_ulaval	1.85	0.96	0.97	0.88	TS397_v2_1o	TS397_v1_1o
TS456	Yang-Multimer	1.85	0.94	0.98	0.87	TS456_v1_2o	TS456_v2_2o
TS051	MULTICOM	1.85	0.96	0.96	0.89	TS051_v1_6o	TS051_v2_2o
TS241	elofsson	1.85	0.96	0.96	0.89	TS241_v2_1o	TS241_v1_1o
TS369	Bhattacharya	1.85	0.97	0.95	0.90	TS369_v1_3o	TS369_v2_2o
TS267	kiharalab_server	1.85	0.96	0.96	0.88	TS267_v2_3o	TS267_v1_1o
TS022	Yang	1.85	0.96	0.96	0.88	TS022_v1_3o	TS022_v2_5o
TS294	KiharaLab	1.85	0.96	0.96	0.88	TS294_v2_4o	TS294_v1_5o
TS187	Ayush	1.84	0.97	0.95	0.90	TS187_v1_1o	TS187_v2_1o
TS014	Cool-PSP	1.84	0.94	0.98	0.87	TS014_v1_1o	TS014_v2_1o
TS423	ShanghaiTech-server	1.84	0.95	0.97	0.88	TS423_v1_2o	TS423_v2_4o
TS319	MULTICOM_LLM	1.84	0.96	0.96	0.88	TS319_v2_3o	TS319_v1_5o
TS425	MULTICOM_GATE	1.84	0.96	0.96	0.88	TS425_v2_3o	TS425_v1_5o
TS331	MULTICOM_AI	1.84	0.96	0.96	0.88	TS331_v2_3o	TS331_v1_5o
TS301	GHZ-MAN	1.84	0.95	0.97	0.87	TS301_v1_5o	TS301_v2_1o
TS261	UNRES	1.84	0.99	0.91	0.93	TS261_v1_1o	TS261_v2_5o
TS031	MassiveFold	1.84	0.95	0.96	0.87	TS031_v2_5o	TS031_v1_5o
TS274	kozakovvajda	1.82	0.97	0.94	0.88	TS274_v2_1o	TS274_v1_4o
TS287	plmfold	1.82	0.96	0.95	0.87	TS287_v2_1o	TS287_v1_5o
TS204	Zou	1.81	0.93	0.96	0.84	TS204_v2_3o	TS204_v1_2o
TS465	Wallner	1.80	0.94	0.95	0.84	TS465_v1_1o	TS465_v2_3o
TS164	McGuffin	1.79	0.94	0.94	0.84	TS164_v2_5o	TS164_v1_4o
TS208	falcon2	1.78	0.94	0.94	0.83	TS208_v2_4o	TS208_v1_5o
TS286	CSSB_experimental	1.68	0.98	0.86	0.82	TS286_v1_3o	TS286_v2_3o
TS419	CSSB-Human	1.68	0.98	0.86	0.82	TS419_v1_3o	TS419_v2_3o
TS221	CSSB_FAKER	1.68	0.98	0.86	0.82	TS221_v1_3o	TS221_v2_3o
TS272	GromihaLab	1.63	0.84	0.69	0.94	TS272_v2_1o	TS272_v1_2o
TS262	CoDock	1.56	0.95	0.82	0.74	TS262_v2_1o	TS262_v1_1o
TS122	MQA_server	1.41	0.65	0.95	0.46	TS122_v2_2o	TS122_v1_2o
TS475	ptq	1.41	0.65	0.95	0.46	TS475_v2_1o	TS475_v1_5o
TS075	GHZ-ISM	1.41	0.65	0.95	0.46	TS075_v2_1o	TS075_v1_5o
TS284	Unicorn	1.41	0.65	0.95	0.46	TS284_v2_1o	TS284_v1_5o
TS264	GuijunLab-Human	1.40	0.62	0.97	0.43	TS264_v2_2o	TS264_v1_6o
TS110	MIEnsembles-Server	1.40	0.63	0.96	0.44	TS110_v2_5o	TS110_v1_4o
TS312	GuijunLab-Assembly	1.36	0.57	0.97	0.39	TS312_v2_2o	TS312_v1_1o
TS148	Guijunlab-Complex	1.36	0.57	0.97	0.39	TS148_v2_2o	TS148_v1_3o
TS147	Zheng-Multimer	1.35	0.58	0.96	0.39	TS147_v2_3o	TS147_v1_4o
TS028	NKRNA-s	1.34	0.57	0.96	0.38	TS028_v2_1o	TS028_v1_1o
TS117	Vakser	1.30	0.57	0.37	0.93	TS117_v1_2o	TS117_v2_4o
TS323	Yan	1.23	0.52	0.92	0.32	TS323_v2_1o	TS323_v1_1o
TS489	Fernandez-Recio	1.21	0.77	0.74	0.46	TS489_v1_1o	TS489_v2_5o