Table S6. Each line is the highest scoring model under QCS (column *model*) by a group (column *group*) on the specified CASP10 contact-assisted target. The columns are: *this_model* the QCS score of the model in column *model; best_unassist* the best score of an unassisted prediction by any group that also submitted assisted predictions for the target in column *target*; *abs* the absolute improvement (described in text); *ind* the individual improvement (described in text); *z-absolute* z-score of absolute improvement; *z-individual*: z-score of individual improvement.

target	group	model	z-absolute	z-individual	this_model	best_unassist	abs	ind
Tc649	045	045_5	0.88	0.26	70.34	57.31	5.22	13.03
Tc649	077	077_3	-0.92	-0.86	41.68	50.68	-23.44	-9.00
Tc649	103	103_4	0.98	0.10	71.94	62.06	6.82	9.88
Tc649	108	108_3	-1.23	-1.19	36.65	52.16	-28.47	-15.50
Tc649	124	124_2	0.91	1.36	70.86	36.27	5.74	34.59
Tc649	198	198_1	0.37	1.13	62.29	32.15	-2.83	30.14
Tc649	222	222_1	0.54	1.28	64.99	32.04	-0.13	32.95
Tc649	238	238_1	-1.01	0.01	40.30	32.15	-24.82	8.15
Tc649	292	292_5	0.98	0.10	71.94	62.06	6.82	9.88
Tc649	294	294_1	0.58	-0.38	65.60	65.12	0.48	0.48
Tc649	301	301_5	-1.43	-1.41	33.50	53.31	-31.62	-19.81
Tc649	311	311_3	0.24	NA	60.10	NA	-5.02	NA
Tc649	365	365_1	0.86	-0.12	70.04	64.53	4.92	5.51
Tc649	373	373_3	0.41	-0.47	62.81	64.15	-2.31	-1.35
Tc649	471	471_1	0.86	2.57	70.04	11.73	4.92	58.30
Tc649	473	473_4	-1.10	-1.18	38.84	54.14	-26.28	-15.30
Tc649	477	477_1	0.80	-0.05	69.15	62.29	4.03	6.86
Tc649	482	482_1	-1.84	-0.42	27.08	27.46	-38.04	-0.38
Tc649	490	490_4	0.55	-0.11	65.18	59.49	0.06	5.69
Tc649	493	493_3	-1.43	-0.60	33.50	37.44	-31.62	-3.94
Tc653	045	045_1	0.96	1.06	49.06	39.66	0.97	9.40
Tc653	108	108_1	-0.02	-0.69	40.24	47.13	-7.85	-6.89
Tc653	198	198_1	-0.05	0.32	39.99	37.51	-8.10	2.48
Tc653	201	201_1	-1.33	-1.51	28.54	43.12	-19.55	-14.59
Tc653	222	222_1	0.12	0.17	41.57	40.49	-6.52	1.09
Tc653	238	238_4	-0.33	0.05	37.51	37.51	-10.58	0.00
Tc653	294	294_4	-0.33	-0.41	37.51	41.85	-10.58	-4.34
Tc653	301	301_1	-0.02	-0.58	40.24	46.09	-7.85	-5.85
Tc653	365	365_1	-0.05	-0.15	39.99	41.85	-8.10	-1.86
Tc653	373	373_4	-0.34	0.03	37.41	37.66	-10.67	-0.25
Tc653	434	434_1	-0.05	-0.24	39.99	42.71	-8.10	-2.72
Tc653	471	471_1	-0.05	1.09	39.99	30.30	-8.10	9.69
Tc653	473	473_4	-1.98	-1.72	22.64	39.18	-25.45	-16.55
Tc653	477	477_5	2.76	2.48	65.30	42.71	17.22	22.60
Tc653	490	490_2	0.65	-0.14	46.31	48.09	-1.78	-1.78
Tc653	493	493_5	0.07	0.22	41.11	39.55	-6.98	1.56
Tc658-D1	045	045_3	1.36	1.47	61.09	31.80	15.37	29.28
Tc658-D1	108	108_5	0.55	0.58	50.23	31.64	4.50	18.59
Tc658-D1	198	198_1	-1.01	-0.71	29.16	26.10	-16.57	3.06
Tc658-D1	201	201_1	-1.30	-0.80	25.33	23.34	-20.39	1.99
Tc658-D1	222	222_1	-0.04	0.15	42.25	28.80	-3.48	13.45
Tc658-D1	238	238_1	-0.23	0.16	39.70	26.10	-6.03	13.60
Tc658-D1	294	294_1	-0.23	-0.08	39.70	29.02	-6.03	10.68
Tc658-D1	301	301_5	0.55	0.79	50.23	29.09	4.50	21.14
Tc658-D1	311	311_1	1.59	NA	64.12	NA	18.40	NA
Tc658-D1	365	365_1	-1.02	-0.96	29.08	29.04	-16.65	0.04
Tc658-D1	373	373_5	-0.99	-0.96	29.44	29.32	-16.29	0.12
Tc658-D1	434	434_1	-1.02	-1.11	28.99	30.67	-16.74	-1.68
Tc658-D1	471	471_1	-1.02	NA	29.08	NA	-16.65	NA
Tc658-D1	473	473_5	-0.17	-1.40	40.54	45.72	-5.19	-5.19
Tc658-D1	477	477_3	1.78	2.03	66.74	30.64	21.02	36.11

Tc658-D1	490	490_1	0.90	0.13	54.81	41.63	9.09	13.18
Tc658-D1	493	493_5	0.28	0.71	46.52	26.40	0.80	20.12
Tc666	045	045_5	0.07	-0.87	56.78	53.12	1.17	3.66
Tc666	077	077_2	1.07	1.12	69.77	34.87	14.16	34.90
Tc666	108	108_1	1.54	1.32	75.87	37.85	20.26	38.02
Tc666	179	179_1	-2.14	NA	28.09	NA	-27.52	NA
Tc666	198	198_1	-0.14	0.48	54.06	29.27	-1.55	24.80
Tc666	201	201_4	0.66	1.02	64.45	31.11	8.83	33.34
Tc666	222	222_1	-0.65	-0.39	47.45	36.28	-8.16	11.17
Tc666	238	238_1	-0.14	0.45	54.06	29.77	-1.55	24.29
Tc666	294	294_1	-0.13	0.14	54.14	34.60	-1.47	19.54
Tc666	301	301_1	1.54	0.55	75.87	49.90	20.26	25.98
Tc666	311	311_3	0.62	NA	63.97	NA	8.36	NA
Tc666	365	365_1	-0.13	-1.18	54.13	55.33	-1.48	-1.19
Tc666	373	373_4	-0.38	-1.05	50.98	50.12	-4.63	0.86
Tc666	434	434_1	-0.13	0.14	54.14	34.60	-1.47	19.54
Tc666	471	471_1	-0.13	1.16	54.13	18.64	-1.48	35.50
Tc666	473	473_4	-1.29	-1.41	39.05	43.91	-16.56	-4.85
Tc666	477	477_5	1.58	1.04	76.36	42.76	20.75	33.59
Tc666	490	490_2	-0.55	-1.55	48.65	55.61	-6.96	-6.96
Tc666	493	493_2	-1.26	-0.99	39.43	37.66	-16.19	1.76
Tc673	045	045_1	0.50	1.08	74.22	56.12	-9.67	18.10
Tc673	077	077_3	-1.51	-0.80	53.92	61.24	-29.97	-7.32
Tc673	108	108_1	0.25	0.29	71.66	64.19	-12.23	7.47
Tc673	198	198_1	0.03	0.33	69.49	61.53	-14.40	7.95
Tc673	201	201_3	-0.90	0.68	60.07	47.30	-23.82	12.77
Tc673	222	222_5	1.46	2.09	83.88	52.11	-0.01	31.77
Tc673	238	238_1	-0.04	0.28	68.81	61.53	-15.08	7.27
Tc673	294	294_1	-0.04	-0.66	68.81	74.21	-15.08	-5.41
Tc673	301	301_1	0.25	-0.55	71.66	75.58	-12.23	-3.92
Tc673	311	311_5	-1.68	-0.79	52.28	59.39	-31.61	-7.10
Tc673	365	365_1	0.03	-0.61	69.44	74.21	-14.45	-4.78
Tc673	373	373_3	0.09	-0.36	70.04	71.40	-13.85	-1.36
Tc673	434	434_1	0.03	-0.61	69.49	74.21	-14.40	-4.73
Tc673	471	471_1	0.03	1.48	69.44	45.89	-14.45	23.55
Tc673	477	477_1	2.32	0.84	92.52	77.65	8.64	14.87
Tc673	490	490_5	0.55	-0.94	74.75	83.89	-9.14	-9.14
Tc673	493	493_5	-1.37	-1.75	55.34	75.43	-28.55	-20.09
Tc676	045	045_1	0.65	0.69	75.61	61.47	-0.70	14.14
Tc676	077	077_2	-0.90	-0.62	54.42	53.52	-21.88	0.90
Tc676	103	103_1	0.94	1.32	79.50	59.03	3.20	20.48
Tc676	108	108_4	-0.41	0.24	61.14	51.49	-15.17	9.65
Tc676	124	124_2	1.07	1.12	81.34	62.88	5.04	18.47
Tc676	198	198_1	0.70	1.08	76.32	58.26	0.01	18.05
Tc676	201	201_2	-1.33	-0.60	48.57	47.47	-27.73	1.10
Tc676	222	222_3	-0.89	0.51	54.55	42.16	-21.76	12.39
Tc676	238	238_1	0.64	0.99	75.43	58.26	-0.88	17.16
Tc676	292	292_5	0.94	1.14	79.50	60.85	3.20	18.65
Tc676	294	294_1	0.64	-0.80	75.43	76.31	-0.88	-0.88
Tc676	301	301_4	-0.41	0.35	61.14	50.38	-15.17	10.75
Tc676	365	365_1	-0.74	-2.66	56.66	76.31	-19.65	-19.65
Tc676	373	373_5	0.66	-0.48	75.67	73.34	-0.64	2.33
Tc676	434	434_1	0.70	-0.66	76.32	75.76	0.01	0.56
Tc676	471	471_1	-0.74	-0.18	56.66	51.32	-19.65	5.34
Tc676	473	473_1	-2.24	-1.17	36.13	40.76	-40.17	-4.63
Tc676	477	477_1	1.45	0.77	86.57	71.57	10.26	14.99
Tc676	490	490_5	0.41	-0.43	72.33	69.46	-3.97	2.87
Tc676	493	493_2	-1.17	-0.60	50.77	49.62	-25.53	1.15
Tc678	045	045_3	1.53	1.84	84.62	53.00	16.00	31.62
Tc678	077	077_1	-0.42	0.43	58.02	44.60	-10.60	13.43
Tc678	108	108_1	1.31	0.40	81.60	68.62	12.98	12.98
Tc678	179	179_4	-2.06	-1.09	35.63	41.84	-32.99	-6.22
Tc678	198	198_1	-0.51	-0.57	56.75	56.24	-11.87	0.51

Tc678	201	201_1	-0.88	0.83	51.73	33.13	-16.89	18.59
Tc678	222	222_1	0.79	0.54	74.49	59.62	5.88	14.88
Tc678	238	238_1	-0.51	-0.57	56.75	56.24	-11.87	0.51
Tc678	294	294_1	-0.51	-1.43	56.75	67.25	-11.87	-10.50
Tc678	301	301_1	1.31	0.40	81.60	68.61	12.98	12.99
Tc678	311	311_3	0.83	NA	75.10	NA	6.48	NA
Tc678	365	365_1	-0.47	-1.38	57.30	67.25	-11.32	-9.95
Tc678	373	373_4	-0.33	-0.91	59.25	63.15	-9.37	-3.90
Tc678	434	434_1	-0.52	-1.43	56.71	67.25	-11.91	-10.54
Tc678	471	471_1	-0.47	1.07	57.30	35.62	-11.32	21.68
Tc678	473	473_2	-1.45	-0.35	44.03	40.72	-24.59	3.31
Tc678	477	477_3	1.06	0.46	78.19	64.33	9.57	13.86
Tc678	490	490_2	0.78	0.42	74.45	61.14	5.83	13.31
Tc678	493	493_1	0.53	1.34	70.91	45.81	2.29	25.10
Tc680	045	045_2	0.76	-0.62	88.01	77.44	1.93	10.57
Tc680	077	077_4	-1.70	-0.55	48.50	36.22	-37.59	12.28
Tc680	108	108_5	0.32	1.17	80.94	26.44	-5.15	54.50
Tc680	198	198_1	0.20	0.95	79.05	29.97	-7.04	49.07
Tc680	201	201_1	-0.97	0.28	60.16	27.67	-25.92	32.49
Tc680	222	222_1	0.85	0.74	89.42	45.59	3.33	43.82
Tc680	238	238_1	0.86	1.38	89.56	29.97	3.47	59.58
Tc680	294	294_1	0.86	-0.62	89.56	79.18	3.47	10.38
Tc680	301	301_5	0.32	1.09	80.94	28.52	-5.15	52.42
Tc680	365	365_1	0.21	-1.05	79.11	79.18	-6.97	-0.06
Tc680	373	373_5	-2.07	-0.98	42.54	41.02	-43.55	1.52
Tc680	434	434_1	0.21	-1.05	79.08	79.18	-7.01	-0.10
Tc680	471	471_1	0.21	1.23	79.08	23.13	-7.00	55.95
Tc680	473	473_3	-1.57	-0.13	50.60	28.02	-35.48	22.57
Tc680	477	477_4	1.33	-0.60	97.15	86.08	11.07	11.07
Tc680	489	489_1	-0.89	-1.77	61.48	79.19	-24.60	-17.71
Tc680	490	490_5	0.76	-0.64	88.00	77.99	1.92	10.01
Tc680	493	493_5	0.32	1.15	80.94	26.98	-5.15	53.95
Tc684-D1	045	045_3	0.40	-0.22	64.44	56.17	-9.17	8.27
Tc684-D1	077	077_5	0.76	0.48	71.91	44.10	-1.71	27.81
Tc684-D1	108	108_1	1.16	0.70	80.05	45.87	6.44	34.18
Tc684-D1	179	179_2	-1.50	NA	25.31	NA	-48.31	NA
Tc684-D1	198	198_1	-0.99	-0.45	35.90	33.83	-37.72	2.07
Tc684-D1	201	201_1	-0.61	-0.05	43.56	30.44	-30.05	13.13
Tc684-D1	222	222_1	-1.14	-1.17	32.70	50.73	-40.92	-18.03
Tc684-D1	238	238_1	0.82	1.28	72.99	22.66	-0.63	50.32
Tc684-D1	294	294_1	0.82	-0.54	72.99	73.51	-0.63	-0.52
Tc684-D1	301	301_1	1.16	1.00	80.05	37.69	6.44	42.37
Tc684-D1	311	311_2	-0.19	NA	52.26	NA	-21.36	NA
Tc684-D1	365	365_1	-1.00	-1.87	35.68	73.41	-37.93	-37.73
Tc684-D1	373	373_1	-0.96	-0.54	36.42	37.01	-37.20	-0.59
Tc684-D1	434	434_1	-0.98	-0.64	35.93	39.14	-37.69	-3.21
Tc684-D1	471	471_1	-0.98	0.44	35.91	9.15	-37.70	26.76
Tc684-D1	473	473_3	0.70	1.06	70.66	26.52	-2.95	44.15
Tc684-D1	477	477_1	1.40	1.28	85.02	34.71	11.40	50.31
Tc684-D1	489	489_5	-0.91	-1.82	37.45	73.62	-36.17	-36.17
Tc684-D1	490	490_5	0.84	-0.08	73.57	61.33	-0.04	12.24
Tc684-D1	493	493_1	1.21	1.12	81.09	35.21	7.47	45.88
Tc684-D2	045	045_4	0.84	0.07	58.85	46.97	11.88	11.88
Tc684-D2	077	077_1	1.19	1.11	63.48	38.56	16.50	24.92
Tc684-D2	108	108_1	1.15	1.26	62.88	36.07	15.91	26.82
Tc684-D2	179	179_2	-1.39	NA	29.16	NA	-17.82	NA
Tc684-D2	198	198_1	-0.88	-0.53	35.96	31.55	-11.01	4.42
Tc684-D2	201	201_1	-0.64	-0.22	39.08	30.74	-7.89	8.35
Tc684-D2	222	222_1	-0.68	-0.77	38.53	37.12	-8.45	1.41
Tc684-D2	238	238_1	-0.50	-0.13	40.92	31.55	-6.05	9.37
Tc684-D2	294	294_1	-0.50	-0.90	40.92	41.11	-6.05	-0.19
Tc684-D2	301	301_1	1.15	1.06	62.88	38.49	15.91	24.39
Tc684-D2	311	311_4	0.60	NA	55.60	NA	8.63	NA

Tc684-D2	365	365_1	-1.14	-1.57	32.42	41.07	-14.55	-8.65
Tc684-D2	373	373_5	-0.85	-0.99	36.31	37.63	-10.67	-1.32
Tc684-D2	434	434_1	-0.88	-1.10	35.96	38.75	-11.01	-2.78
Tc684-D2	471	471_1	-0.87	0.63	36.00	17.04	-10.98	18.96
Tc684-D2	473	473_1	0.24	0.17	50.85	37.70	3.88	13.16
Tc684-D2	477	477_5	1.96	1.66	73.65	41.76	26.68	31.89
Tc684-D2	489	489_1	-0.71	-1.28	38.12	43.14	-8.86	-5.02
Tc684-D2	490	490_3	0.82	0.20	58.56	45.03	11.58	13.53
Tc684-D2	493	493_1	1.09	1.34	62.19	34.35	15.22	27.84
Tc691	045	045_5	0.40	-0.25	70.23	69.40	-5.29	0.84
Tc691	077	077_2	0.17	-0.44	68.80	70.27	-6.73	-1.48
Tc691	108	108_2	0.56	0.35	71.22	63.00	-4.31	8.21
Tc691	198	198_1	0.34	0.84	69.86	55.76	-5.66	14.10
Tc691	201	201_2	-2.38	-0.20	52.96	51.48	-22.56	1.48
Tc691	222	222_2	0.60	-0.06	71.45	68.27	-4.07	3.18
Tc691	238	238_1	0.34	0.84	69.86	55.76	-5.66	14.10
Tc691	294	294_1	-0.67	-1.10	63.56	73.06	-11.96	-9.50
Tc691	301	301_2	0.56	-0.67	71.22	75.52	-4.31	-4.31
Tc691	311	311_5	-1.91	NA	55.86	NA	-19.66	NA
Tc691	365	365_1	0.33	-0.59	69.76	73.06	-5.76	-3.29
Tc691	373	373_2	0.74	-0.19	72.31	70.70	-3.21	1.61
Tc691	434	434_1	0.34	-0.16	69.84	67.91	-5.68	1.93
Tc691	471	471_1	0.33	1.84	69.76	43.41	-5.76	26.36
Tc691	473	473_2	-1.97	-1.48	55.52	69.66	-20.00	-14.14
Tc691	477	477_1	1.17	-0.17	74.97	73.14	-0.55	1.84
Tc691	489	489_2	0.71	-0.39	72.15	73.05	-3.37	-0.90
Tc691	490	490_4	-0.13	-0.79	66.94	72.66	-8.58	-5.72
Tc691	493	493_2	0.46	2.60	70.60	34.97	-4.92	35.63
Tc705-D2	045	045_4	0.28	-0.75	63.30	61.89	-0.87	1.41
Tc705-D2	077	077_2	-1.81	NA	40.61	NA	-23.56	NA
Tc705-D2	108	108_2	0.74	1.41	68.32	38.86	4.15	29.46
Tc705-D2	198	198_1	0.38	0.78	64.46	43.25	0.29	21.21
Tc705-D2	238	238_1	0.38	0.78	64.46	43.25	0.29	21.21
Tc705-D2	294	294_1	0.38	-0.83	64.46	64.12	0.29	0.34
Tc705-D2	301	301_2	0.74	1.29	68.32	40.39	4.15	27.93
Tc705-D2	365	365_1	0.38	-0.83	64.46	64.12	0.29	0.34
Tc705-D2	373	373_3	-0.20	-1.06	58.13	60.82	-6.04	-2.69
Tc705-D2	434	434_1	0.38	-0.84	64.39	64.17	0.22	0.22
Tc705-D2	471	471_1	0.38	1.28	64.39	36.67	0.22	27.71
Tc705-D2	473	473_2	-2.76	-1.43	30.31	37.77	-33.86	-7.46
Tc705-D2	477	477_1	1.05	-0.25	71.74	63.87	7.57	7.87
Tc705-D2	489	489_3	-0.74	-0.48	52.25	47.32	-11.92	4.92
Tc705-D2	490	490_3	-0.16	-0.24	58.52	50.52	-5.65	8.00
Tc705-D2	493	493_4	0.59	1.17	66.73	40.39	2.56	26.34
Tc717-D2	045	045_1	1.54	-0.88	75.98	80.85	-4.86	-4.86
Tc717-D2	077	077_5	0.95	1.97	69.26	36.00	-11.59	33.27
Tc717-D2	108	108_3	-0.25	-0.24	55.73	52.06	-25.12	3.67
Tc717-D2	198	198_1	-0.39	0.36	54.14	42.42	-26.71	11.71
Tc717-D2	238	238_1	-0.39	0.36	54.14	42.42	-26.71	11.71
Tc717-D2	294	294_1	-0.39	-1.04	54.14	61.07	-26.71	-6.93
Tc717-D2	301	301_3	-0.25	-0.21	55.73	51.55	-25.12	4.18
Tc717-D2	311	311_1	-1.70	NA	39.36	NA	-41.48	NA
Tc717-D2	365	365_1	-0.39	-1.04	54.14	61.07	-26.71	-6.93
Tc717-D2	373	373_4	-0.03	0.01	58.23	51.13	-22.62	7.09
Tc717-D2	434	434_1	-0.39	-0.60	54.11	55.14	-26.74	-1.03
Tc717-D2	471	471_1	-0.39	1.07	54.11	32.95	-26.74	21.16
Tc717-D2	473	473_2	-0.43	0.27	53.67	43.11	-27.17	10.57
Tc717-D2	477	477_2	2.60	1.85	88.00	56.35	7.15	31.65
Tc717-D2	489	489_1	-0.68	-0.79	50.90	54.55	-29.94	-3.64
Tc717-D2	490	490_2	0.60	-1.10	65.39	73.16	-15.45	-7.77
Tc719-D6	045	045_3	0.71	0.45	46.70	39.68	1.61	7.02
Tc719-D6	077	077_4	0.28	0.13	41.66	37.62	-3.43	4.04
Tc719-D6	108	108_5	0.32	-0.32	42.19	42.45	-2.90	-0.26

Tc719-D6	198	198_1	-0.30	0.57	34.94	26.78	-10.15	8.16
Tc719-D6	222	222_1	-0.44	-1.28	33.28	42.62	-11.81	-9.34
Tc719-D6	238	238_1	-1.06	-0.37	26.09	26.78	-18.99	-0.69
Tc719-D6	294	294_1	-1.06	-1.29	26.09	35.53	-18.99	-9.44
Tc719-D6	301	301_5	0.32	-0.32	42.19	42.45	-2.90	-0.26
Tc719-D6	311	311_1	0.32	NA	42.19	NA	-2.90	NA
Tc719-D6	365	365_1	-0.30	-0.20	34.94	34.05	-10.15	0.90
Tc719-D6	373	373_2	-0.21	-0.44	35.96	37.31	-9.13	-1.35
Tc719-D6	434	434_1	-0.30	-0.20	34.94	34.05	-10.15	0.90
Tc719-D6	471	471_1	-0.30	0.58	34.94	26.68	-10.15	8.26
Tc719-D6	473	473_2	-0.55	-0.12	31.94	30.32	-13.15	1.62
Tc719-D6	477	477_2	3.50	3.31	79.24	45.09	34.15	34.15
Tc719-D6	489	489_1	-0.44	0.11	33.28	29.45	-11.81	3.83
Tc719-D6	490	490_5	0.20	-0.32	40.72	40.99	-4.36	-0.27
Tc719-D6	493	493_3	-0.70	-0.28	30.19	30.09	-14.90	0.10
Tc734	045	045_1	0.99	0.79	55.37	36.57	16.74	18.80
Tc734	077	077_1	-0.03	-0.28	43.81	36.92	5.17	6.89
Tc734	108	108_1	0.44	0.05	49.19	38.64	10.55	10.55
Tc734	198	198_1	-0.67	-0.38	36.59	30.87	-2.05	5.72
Tc734	238	238_1	-0.67	-0.43	36.59	31.40	-2.05	5.19
Tc734	294	294_1	-0.49	-0.79	38.66	37.52	0.02	1.14
Tc734	301	301_1	0.44	0.16	49.19	37.43	10.55	11.76
Tc734	311	311_4	-0.22	NA	41.67	NA	3.04	NA
Tc734	365	365_1	-0.67	-0.98	36.59	37.52	-2.05	-0.93
Tc734	373	373_4	-0.51	-0.77	38.44	37.06	-0.20	1.38
Tc734	434	434_1	-0.67	-0.67	36.60	34.09	-2.04	2.51
Tc734	471	471_1	-0.67	1.11	36.60	14.17	-2.04	22.42
Tc734	473	473_1	-0.56	-0.23	37.89	30.46	-0.75	7.43
Tc734	477	477_4	2.97	2.71	77.87	37.64	39.23	40.23
Tc734	489	489_1	-0.76	-1.05	35.59	37.35	-3.05	-1.77
Tc734	490	490_2	1.07	0.76	56.32	37.78	17.68	18.54
Tc735-D1	045	045_2	0.90	0.99	70.31	39.77	2.27	30.54
Tc735-D1	077	077_5	-0.61	0.01	53.05	36.39	-14.99	16.66
Tc735-D1	108	108_5	0.52	1.13	65.93	33.34	-2.11	32.59
Tc735-D1	198	198_1	-0.09	1.10	58.99	26.88	-9.05	32.11
Tc735-D1	222	222_1	0.72	1.05	68.19	36.74	0.15	31.45
Tc735-D1	238	238_1	-0.09	1.10	58.99	26.88	-9.05	32.11
Tc735-D1	294	294_1	-0.09	-1.56	58.99	64.49	-9.05	-5.50
Tc735-D1	301	301_5	0.52	0.06	65.93	48.58	-2.11	17.35
Tc735-D1	365	365_1	-0.09	-1.56	58.99	64.49	-9.05	-5.50
Tc735-D1	373	373_3	-1.82	-1.22	39.27	40.01	-28.77	-0.75
Tc735-D1	434	434_1	-0.09	-0.79	58.96	53.59	-9.08	5.37
Tc735-D1	471	471_1	-0.09	1.10	58.96	26.76	-9.08	32.20
Tc735-D1	473	473_1	-2.63	-0.93	30.07	26.69	-37.97	3.38
Tc735-D1	477	477_1	1.44	-0.58	76.44	68.04	8.40	8.40
Tc735-D1	489	489_1	0.72	-0.51	68.19	58.84	0.15	9.35
Tc735-D1	490	490_4	0.94	-0.11	70.73	55.74	2.69	14.98
Tc735-D1	493	493_5	-0.13	0.74	58.49	31.51	-9.55	26.98
Tc735-D2	045	045_3	1.31	1.13	62.14	38.24	14.26	23.91
Tc735-D2	077	077_4	0.64	0.51	53.98	37.37	6.10	16.61
Tc735-D2	108	108_2	0.77	0.37	55.61	40.64	7.72	14.96
Tc735-D2	198	198_1	-0.86	-0.33	35.86	29.20	-12.03	6.66
Tc735-D2	222	222_4	-0.17	-0.38	44.13	38.01	-3.75	6.12
Tc735-D2	238	238_1	-0.86	-0.33	35.86	29.20	-12.03	6.66
Tc735-D2	294	294_1	-0.86	-1.24	35.86	39.96	-12.03	-4.10
Tc735-D2	301	301_2	0.77	0.49	55.61	39.29	7.72	16.32
Tc735-D2	365	365_1	-0.86	-1.24	35.86	39.96	-12.03	-4.10
Tc735-D2	373	373_5	-0.71	-0.75	37.60	35.93	-10.28	1.67
Tc735-D2	434	434_1	-0.86	-1.14	35.84	38.78	-12.04	-2.94
Tc735-D2	471	471_1	-0.86	0.55	35.84	18.82	-12.04	17.03
Tc735-D2	473	473_1	-0.26	0.72	43.13	24.04	-4.75	19.09
Tc735-D2	477	477_3	2.40	2.37	75.35	36.81	27.47	38.54
Tc735-D2	489	489_4	-0.17	-1.21	44.13	47.88	-3.75	-3.75

Tc735-D2	490	490_3	1.22	0.87	61.00	40.16	13.11	20.83
Tc735-D2	493	493_4	-0.65	-0.37	38.36	32.13	-9.52	6.24