ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
1	-1.31	1	112	179	0.16	1.28	1.73	1.39	0.96	0	0.4	66.1	70.2	0.81	WT1_1
2	-2.27	1	113	213	0.23	1.27	0.91	8.79	3.09	0	0.16	92	91.6	0.75	WT1_2
3	-0.15	1	113	120	0.14	1.32	2.48	1.37	1.97	0	0.48	49.6	51.8	0.61	WT1_3
4	-1.09	1	113	172	0.15	1.18	1.22	1.88	1.63	0	0.47	61.1	63.7	0.85	WT1_4
5	-2.27	1	113	213	0.23	1.23	0.81	9.11	3.16	0	0.22	90.3	91.6	0.85	WT1_5
6	-1.88	1	112	204	0.19	1.01	0.12	1.22	0.56	0	0.36	82.1	82.4	0.92	WT1_6
7	-1.48	1	112	190	0.16	0.74	-1.55	0.5	-0.63	0	0.55	77.7	76.1	1.14	WT1_7
8	-1.56	1	111	192	0.17	0.97	-0.12	1.14	0.45	0	0.46	78.4	78.9	1.01	WT1_8
9	0.25	1	112	97	0.13	1.91	5.76	2.27	3.57	0	0.3	42	56.6	0.3	WT2_1
10	0.81	1	113	73	0.15	1.43	3.12	1.39	1.9	0	0.41	57.5	58.8	0.54	WT2_2
11	-1.54	1	113	193	0.16	0.96	-0.18	0.83	0.04	0	0.48	77.9	77.3	1.03	WT2_3
12	-0.29	1	112	130	0.13	1.27	1.83	2.26	2.25	0	0.5	60.7	61.1	0.72	WT2_4
13	0.26	1	110	99	0.14	1.63	4.59	1.78	4.18	0	0.29	37.3	51.3	-0.02	WT2_5
14	-0.08	1	108	116	0.14	1.66	4.45	1.85	3.07	0	0.36	42.6	53	0.42	WT2_6
15	0.76	1	108	73	0.15	1.61	4.23	1.89	3.47	0	0.32	51.9	56.6	0.31	WT2_7
16	0.06	1	108	108	0.15	1.73	5.28	1.81	4.76	0	0.2	38	52	-0.36	WT2_8
17	-1.42	1	113	188	0.16	1.07	0.48	0.87	0.04	0	0.48	74.3	73.8	0.98	WT3_1
18	-1.13	1	113	176	0.15	0.98	-0.06	0.57	-0.54	0	0.57	65.5	64.9	1.09	WT3_2
19	-0.76	1	113	157	0.14	0.8	-1.51	0.57	-0.82	0	0.66	67.3	64.5	1.17	WT3_3
20	-1.38	1	109	183	0.16	1.02	0.19	0.53	-0.51	0	0.5	72.5	74.3	1.03	WT3_4
21	-1.28	1	109	179	0.16	0.93	-0.34	0.71	-0.22	0	0.53	75.2	73.6	1.06	WT3_5
22	-0.98	1	109	166	0.14	1.01	0.09	0.73	-0.23	0	0.56	64.2	64.8	1.03	WT3_6
23	-0.92	1	109	163	0.14	1.01	0.14	0.78	-0.23	0	0.57	65.1	65.9	1.01	WT3_7
24	-1.19	1	108	175	0.15	1.04	0.3	0.68	-0.29	0	0.51	72.2	70.7	1.01	WT3_8
25	0.73	1	104	72	0.14	1.33	2.47	1.44	1.75	0	0.45	51.9	54.7	0.68	WT4_1
26	1.05	1	102	60	0.16	1.26	1.89	1.38	1.68	0	0.44	54.9	58.2	0.72	WT4_2
27	0.82	1	101	65	0.14	0.98	-0.14	1.51	1.47	0	0.57	56.4	54.1	0.98	WT4_3
28	1.19	1	96	51	0.16	1.01	0.11	1.14	0.6	0	0.53	58.3	61.2	0.96	WT4_4
29	0.54	1	96	77	0.14	1.18	1.39	1.32	0.87	0	0.52	49	54.5	0.84	WT4_5
30	0.78	1	96	66	0.14	0.95	-0.34	0.73	-0.87	0	0.61	52.1	51.9	1.07	WT4_6
31	0.41	1	94	122	0.11	0.98	-0.08	0.82	-0.63	0	0.7	54.3	47.3	1.04	WT5_1
32	0.51	1	95	78	0.14	0.95	-0.37	0.8	-0.81	0	0.63	48.4	51.4	1.07	WT5_2
33	0.44	1	95	119	0.11	1.03	0.29	1.04	0.23	0	0.67	52.6	50.7	0.98	WT5_3
34	0.52	1	84	109	0.12	1.1	0.73	1.08	0.34	0	0.64	46.4	46.8	0.93	WT5_4
35	0.65	1	82	99	0.12	0.95	-0.29	0.94	-0.1	0	0.68	51.2	47.3	1.03	WT5_5
36	0.53	1	80	71	0.15	0.81	-1.56	0.63	-1.69	0	0.68	55	48.8	1.24	WT5_6
37	0.26	1	80	126	0.12	1	0.03	0.91	-0.16	0	0.68	55	50.6	1.01	WT5_7
38	0.59	1	80	101	0.12	0.86	-0.98	0.77	-0.68	0	0.71	55	46.9	1.11	WT5_8
39	-0.74	1	100	67	0.23	0.73	-2.87	0.66	-1.98	0	0.62	83	72.5	1.56	WT6_1
40	-0.17	1	100	56	0.22	0.77	-2.87	0.75	-1.89	0	0.61	83	69.5	1.62	WT6_2
41	-0.32	1	100	59	0.23	0.66	-4.26	0.6	-3.01	0	0.7	86	70	1.88	WT6_3
42	-0.21	1	95	55	0.23	0.95	-0.48	0.91	-0.54	0	0.46	74.7	69.6	1.13	WT6_4
43	-0.8	1	94	65	0.25	0.67	-3.31	0.56	-2.49	0	0.67	84	73.6	1.65	WT6_5
44	-0.08	1	94	52	0.23	0.78	-2.72	0.73	-2	0	0.61	83	69.2	1.63	WT6_6
45	-0.51	1	94	60	0.24	0.67	-3.75	0.6	-2.59	0	0.68	89.4	71.3	1.76	WT6_7
46	0.72	1	94	37	0.23	0.9	-1.12	0.81	-1.35	0	0.52	69.1	69.5	1.3	WT6_8
47	-0.01	1	78	143	0.12	0.75	-1.53	1.22	0.74	0	0.7	53.8	48.7	1.12	WT7_1
48	0.09	1	78	139	0.12	0.71	-1.84	0.57	-1.74	0	0.73	44.9	47.6	1.19	WT7_2
49	0.05	1	78	141	0.12	0.9	-0.57	0.69	-0.91	0	0.7	57.7	48.6	1.09	WT7_3
50	-0.04	1	73	142	0.13	0.75	-1.46	1.08	0.37	0	0.68	45.2	48	1.12	WT7_4

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
51	0.09	1	73	133	0.12	0.82	-1.1	1.26	0.84	0	0.68	53.4	46.4	1.09	WT7_5
52	-0.02	1	73	135	0.13	0.6	-2.95	0.51	-1.83	0	0.76	52.1	42.5	1.34	WT7_6
53	0.14	1	72	130	0.13	0.65	-2.37	0.53	-2.21	0	0.75	58.3	44.5	1.33	WT7_7
54	0.19	1	73	175	0.11	1.06	0.36	1.13	0.5	0	0.67	42.5	43	0.95	WT7_8
55	-0.69	1	83	128	0.17	0.89	-0.58	0.77	-0.46	0	0.56	66.3	66.3	1.07	WT8_1
56	-1.14	1	82	142	0.2	1.06	0.33	0.55	-0.49	0	0.45	74.4	76.1	1.01	WT8_2
57	-0.82	1	83	132	0.18	0.94	-0.25	0.87	-0.15	0	0.51	66.3	68.1	1.02	WT8_3
58	-0.58	1	82	124	0.17	0.9	-0.56	0.83	-0.32	0	0.55	63.4	66.7	1.06	WT8_4
59	-0.7	1	81	127	0.18	0.73	-1.57	0.56	-1.03	0	0.61	69.1	67.8	1.15	WT8_5
60	-0.02	1	81	101	0.15	0.92	-0.49	0.8	-0.62	0	0.6	58	51.9	1.09	WT8_6
61	-0.46	1	81	119	0.16	0.71	-1.86	0.52	-1.29	0	0.65	66.7	64.9	1.19	WT8_7
62	-0.88	1	81	134	0.19	1.09	0.49	0.66	-0.44	0	0.47	72.8	73.8	1	WT8_8
63	0.78	1	82	66	0.16	0.89	-0.86	0.78	-1.09	0	0.62	54.9	48.4	1.2	WT9_1
64	0.8	1	82	65	0.16	0.89	-0.88	0.87	-0.61	0	0.61	52.4	49	1.17	WT9_2
65	0.18	1	81	91	0.14	1.27	1.88	1.25	0.72	0	0.46	43.2	50.8	0.79	WT9_3
66	0.55	1	76	73	0.15	0.77	-1.99	0.61	-1.57	0	0.66	48.7	43.6	1.25	WT9_4
67	0.53	1	75	74	0.15	0.89	-0.92	0.76	-0.94	0	0.61	50.7	44.2	1.15	WT9_5
68	0.51	1	74	74	0.15	0.8	-1.65	0.68	-1.4	0	0.65	52.7	44.4	1.26	WT9_6
69	0.92	1	75	58	0.16	0.92	-0.64	0.75	-1.08	0	0.6	50.7	45.7	1.16	WT9_7
70	0.6	1	75	71	0.16	0.88	-1.02	0.81	-0.93	0	0.61	48	45.5	1.22	WT9_8
71	0.33	1	80	83	0.17	0.81	-1.55	0.82	-1.16	0	0.64	53.8	49	1.4	WT10_1
72	0.08	1	81	148	0.12	0.89	-0.67	0.81	-0.57	0	0.68	58	47.6	1.09	WT10_2
73	0.03	1	81	146	0.12	0.94	-0.38	0.96	-0.08	0	0.64	39.5	41.4	1.06	WT10_3
74	0.43	1	78	158	0.1	0.96	-0.19	1.21	0.79	0	0.68	41	37	1.02	WT10_4
75	0.32	1	77	219	0.09	1.1	0.62	1.27	1.03	0	0.69	33.8	35.4	0.93	WT10_5
76	0.4	1	42	55	0.2	0.66	-2.14	0.5	-1.06	0	0.65	52.4	46.7	1.29	WT12_1
77	1.29	1	42	31	0.2	0.86	-0.81	0.67	-0.77	0	0.61	52.4	48.1	1.14	WT12_2
78	0.77	1	42	45	0.19	0.81	-1.36	0.68	-0.91	0	0.61	42.9	36.2	1.24	WT12_3
79	1.59	1	40	28	0.25	0.86	-0.71	0.82	-0.74	0	0.61	65	52.2	1.26	WT12_4
80	1.05	1	41	37	0.2	0.78	-1.48	0.66	-1.01	0	0.64	48.8	41.3	1.26	WT12_5
81	1.68	1	41	23	0.23	0.85	-0.64	0.71	-0.65	0	0.62	61	59.6	1.12	WT12_6
82	0.41	1	40	52	0.21	0.81	-1.06	0.64	-0.74	0	0.6	42.5	47.7	1.18	WT12_7
83	0.79	1	40	43	0.2	0.78	-1.55	0.62	-0.88	0	0.63	45	37.9	1.24	WT12_8
84	0.99	1	40	38	0.2	0.75	-1.7	0.62	-1.26	0	0.66	47.5	39.2	1.34	WT12_9
85	1.13	1	39	34	0.21	0.72	-1.84	0.58	-1.39	0	0.68	51.3	41.6	1.36	WT12_10
86	1.24	1	39	31	0.21	0.97	-0.12	0.82	-0.31	0	0.56	41	42.7	1.03	WT12_11
87	1.27	1	39	30	0.2	0.76	-1.43	0.59	-0.87	0	0.65	53.8	45.2	1.21	WT12_12

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
1	1.84	1	207	89	0.11	1.4	3.47	3.38	5.38	0	0.19	58.9	63.6	0.6	WT1_1
2	0.99	1	207	183	0.1	1.35	3.96	1.4	3.56	0	0.34	45.9	50.7	0.28	WT1_2
3	-1.16	1	207	371	0.16	1.61	2.65	1.74	1.28	0	0.38	84.5	88.1	0.78	WT1_3
4	0.06	2	203	259	0.11	1.77	7.17	1.67	5.53	0.05	0.46	41.4	55.1	0.43	WT1_4
5	0.38	1	202	230	0.12	1.46	4.74	1.52	5.17	0	0.19	45.5	56.1	0.15	WT1_5
6	-1.54	2	202	211	0.19	9.9	9.91	9.9	9.91	2.31	0.25	44.1	91.3	-7.29	WT1_6
7	0.26	2	200	153	0.11	2.41	9.9	2.85	9.9	1.03	0.16	26	51.7	-0.98	WT1_7
8	0.81	2	200	158	0.1	1.67	7.15	2.02	7.57	0.41	0.19	37	47.5	-0.21	WT1_8
9	-0.81	1	207	161	0.19	0.83	-1.64	0.7	-2.05	0	0.57	83.6	81	1.22	WT2_1
10	0.72	2	207	157	0.15	0.93	-1.29	1	0.08	-1.35	0.55	73.9	67.1	1.17	WT2_2
11	-0.08	2	207	136	0.16	0.84	-2.32	0.76	-2.48	0.01	0.58	79.2	73	1.34	WT2_3
12	-0.14	1	196	135	0.17	0.99	-0.05	1	0.04	0	0.4	72.4	73.6	1.01	WT2_4
13	-0.21	2	194	144	0.17	0.79	-2.78	0.69	-3.03	-0.22	0.54	78.9	74.6	1.4	WT2_5
14	-0.74	2	194	156	0.19	0.8	-1.92	0.61	-2.77	-0.11	0.55	83.5	81	1.27	WT2_6
15	0.03	1	193	128	0.17	0.83	-2.46	0.74	-2.88	0	0.57	75.1	71.9	1.4	WT2_7
16	0.54	1	192	108	0.16	0.93	-1.29	0.9	-1.23	0	0.46	69.8	66.8	1.25	WT2_8
17	0.73	1	191	100	0.16	0.91	-1.72	0.88	-1.68	0	0.48	69.6	65.9	1.35	WT2_9
18	-0.56	1	190	146	0.19	0.83	-1.72	0.68	-2.36	0	0.56	80.5	79.1	1.25	WT2_10
19	0.05	2	202	400	0.08	1.03	0.25	0.74	-1.13	0.2	0.73	59.9	57.2	1.03	WT3_1
20	0.09	2	202	353	0.08	1.4	3.1	1.65	2.83	0.44	0.67	47	55	0.6	WT3_2
21	-0.02	2	202	383	0.08	1.19	1.69	0.91	-0.46	0.27	0.73	50	53.9	1.01	WT3_3
22	0.14	2	192	364	0.09	1.11	1	0.93	-0.42	0.29	0.73	48.4	50.3	1.09	WT3_4
23	-0.04	2	191	354	0.09	1.59	4.14	1.9	3.79	0.54	0.66	48.7	57	0.53	WT3_5
24	0.61	1	189	334	0.08	0.94	-0.61	0.93	-0.4	0	0.66	44.4	40.9	1.06	WT3_6
25	0.54	1	188	350	0.07	0.86	-1.39	0.69	-1.75	0	0.69	46.8	43.3	1.11	WT3_7
26	-0.01	2	188	390	0.09	1.17	1.35	1.04	0.26	0.28	0.68	58	58.7	0.93	WT3_8
27	-2.05	1	206	187	0.26	0.95	-0.19	0.91	-0.17	0	0.38	91.3	91	1.03	WT4_1
28	-1.4	1	207	176	0.21	0.98	-0.13	0.85	-0.63	0	0.42	87.4	86.3	1.04	WT4_2
29	0.4	2	203	247	0.09	0.8	-2.32	0.79	-1.24	0.02	0.63	61.1	52.6	0.58	WT5_1
30	1.29	2	203	265	0.09	1.72	7.26	2.35	4.46	-0.92	0.53	35	49.7	0.19	WT5_2
31	0.77	2	203	204	0.09	0.91	-1.15	0.92	-0.51	0.01	0.54	48.8	46.8	0.44	WT5_3
32	1.59	2	195	234	0.11	1.47	4.84	1.5	4.06	-1.16	0.69	44.1	52.8	0.08	WT5_4
33	1.05	2	195	224	0.09	0.72	-3.89	0.82	-1.24	-0.43	0.65	57.9	43.3	0.37	WT5_5
34	1.68	2	193	179	0.1	1.58	5.28	2.13	4.38	-0.65	0.41	45.6	54.1	-0.04	WT5_6
35	0.41	2	193	169	0.1	1.5	4.92	1.86	4.4	0.65	0.39	32.6	49.3	0.06	WT5_7
36	0.79	2	190	163	0.09	0.86	-1.79	0.95	-0.28	0.31	0.45	54.2	44.9	-0.58	WT5_8
37	0.57	1	197	225	0.1	0.96	-0.42	0.89	-0.96	0	0.58	53.3	46.4	1.09	WT6_1
38	0.47	1	197	230	0.11	1.04	0.46	0.99	-0.11	0	0.51	47.2	49.3	0.95	WT6_2
39	0.99	2	197	177	0.09	1	0.01	1.03	0.25	0.02	0.43	47.7	44.7	0.26	WT6_3
40	1.13	2	191	149	0.09	0.87	-1.74	0.87	-0.97	0.12	0.47	42.4	42.1	0.51	WT6_4
41	1.24	2	190	230	0.09	1.28	3.23	1.45	2.32	-0.65	0.5	38.9	46.8	0.14	WT6_5
42	1.27	2	190	218	0.09	0.9	-1.17	1.02	0.14	-0.57	0.63	48.4	45.3	-0.34	WT6_6
43	0.53	1	189	229	0.1	1.02	0.29	1.09	0.66	0	0.52	43.9	46.3	0.97	WT6_7
44	0.68	1	189	212	0.1	1.24	2.83	1.22	1.71	0	0.42	45.5	45.4	0.76	WT6_8
45	0.73	2	196	240	0.1	0.78	-3.02	0.71	-2.63	-0.29	0.65	49.5	45.7	1.21	WT7_1
46	1.05	2	196	267	0.1	1.55	6.08	1.6	4.87	-0.93	0.51	31.1	45.7	0.52	WT7_2
47	0.82	2	196	245	0.09	1.08	0.96	0.98	-0.1	-0.38	0.56	45.4	44.6	1.06	WT7_3
48	1.19	2	190	162	0.1	0.7	-4.25	0.7	-2.87	-0.04	0.58	57.9	43.9	0.84	WT7_4
49	0.54	2	190	227	0.09	0.61	-5.22	0.6	-2.58	0.05	0.61	58.9	48.6	-0.72	WT7_5
50	0.78	2	190	221	0.09	0.74	-3.53	0.78	-1.72	-0.16	0.61	53.7	43.7	0.77	WT7_6

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
51	0.46	1	190	227	0.11	0.8	-2.58	0.77	-2.62	0	0.64	57.9	48.8	1.45	WT7_7
52	0.68	1	190	211	0.1	0.91	-1.07	0.85	-1.4	0	0.58	48.4	44.7	1.15	WT7_8

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
1	-1.16	2	122	226	0.25	1.62	1.61	1.71	1.02	0.33	0.35	90.1	92.7	0.88	WT1_1
2	0.06	2	122	143	0.15	1.99	6.67	1.87	5.03	0.58	0.51	40.5	55.3	0.16	WT1_2
3	0.38	2	122	149	0.15	1.33	2.75	1.34	2.78	0.05	0.32	49.6	55.5	0.47	WT1_3
4	-1.54	2	121	127	0.34	9.9	9.91	9.9	8.15	2.37	0.27	40	96.6	-9.84	WT1_4
5	-0.04	1	121	195	0.14	1.54	3.04	2.33	2.98	0	0.15	62.5	68.9	0.68	WT1_5
6	-0.41	1	121	209	0.16	1.3	1.48	1.36	0.98	0	0.24	74.2	78	0.86	WT1_6
7	0.63	1	121	151	0.12	1.01	0.12	0.9	-0.48	0	0.5	49.2	44.2	1.01	WT1_7
8	1.53	1	120	82	0.12	1.01	0.15	0.9	-0.36	0	0.5	40.3	43.2	1	WT1_8
9	0.72	2	122	102	0.2	0.84	-2.71	0.86	-1.68	-1.56	0.42	79.3	65.1	1.63	WT2_1
10	-0.08	2	122	81	0.21	0.98	-0.21	0.88	-0.75	0.32	0.51	69.4	74.1	1.09	WT2_2
11	-0.14	2	122	82	0.22	1.02	0.18	1.11	0.74	0.34	0.44	71.9	75	0.95	WT2_3
12	-0.21	2	121	92	0.22	0.83	-1.57	0.72	-1.87	-0.07	0.47	75.8	76.2	1.3	WT2_4
13	-0.56	2	120	94	0.24	0.88	-0.82	0.69	-1.59	0.14	0.53	79.8	81	1.19	WT2_5
14	-0.02	1	120	86	0.21	0.79	-2.24	0.7	-2.28	0	0.55	76.5	73.4	1.43	WT2_6
15	-0.31	1	120	92	0.23	0.79	-1.8	0.64	-2.3	0	0.55	78.2	77.7	1.34	WT2_7
16	0.03	1	120	85	0.21	0.77	-2.55	0.72	-2.12	0	0.56	79	72.8	1.47	WT2_8
17	0.03	1	120	85	0.21	0.81	-2.11	0.74	-1.97	0	0.53	77.3	72.8	1.41	WT2_9
18	-0.11	1	120	88	0.22	0.76	-2.43	0.65	-2.5	0	0.58	77.3	74.8	1.45	WT2_10
19	0.09	2	119	228	0.11	1.65	3.41	1.75	2.48	0.55	0.62	46.6	58.1	0.53	WT3_1
20	-0.02	2	119	258	0.11	1.43	2.67	1.11	0.49	0.25	0.6	50	54.3	1.02	WT3_2
21	0.14	2	119	231	0.11	1.51	3.01	1.28	1.29	0.44	0.68	51.7	52.6	1	WT3_3
22	0.54	2	116	243	0.1	0.65	-2.91	0.75	-1.05	-0.05	0.66	47.8	45	1.22	WT3_4
23	0.45	1	116	249	0.1	0.76	-1.8	0.7	-1.06	0	0.62	47.8	50	1.1	WT3_5
24	0.7	1	116	219	0.09	0.79	-1.83	0.77	-0.98	0	0.64	39.1	41.2	1.12	WT3_6
25	0.57	1	116	232	0.1	0.69	-2.7	0.7	-1.58	0	0.66	44.3	42.4	1.21	WT3_7
26	0.76	1	116	213	0.09	0.74	-2.33	1.12	0.59	0	0.64	42.6	42.4	1.11	WT3_8
27	-2.94	1	121	118	0.59	1.01	0.21	1.13	0.42	0	0.08	97.5	97.5	0.98	WT4_1
28	-1.18	1	118	104	0.29	0.9	-0.45	0.73	-0.86	0	0.36	88.9	88.1	1.1	WT4_2
29	0.57	2	121	165	0.13	0.91	-0.88	0.85	-0.99	-0.22	0.48	55	46.1	1.07	WT5_1
30	0.47	2	122	170	0.13	1.03	0.29	0.96	-0.28	-0.3	0.42	49.6	49.3	1.08	WT5_2
31	0.99	2	122	148	0.12	0.96	-0.35	0.96	-0.2	-0.32	0.38	41.3	40.1	0.09	WT5_3
32	1.13	2	121	109	0.12	0.69	-3.68	0.78	-1.55	0.06	0.53	50	40	0.46	WT5_4
33	1.24	2	121	177	0.11	1.43	4.08	1.66	3.01	-0.94	0.39	35	41.9	0.03	WT5_5
34	1.27	2	121	171	0.11	1.18	1.78	1.46	2.03	-0.86	0.47	38.3	40.6	-0.61	WT5_6
35	0.53	2	121	183	0.12	0.98	-0.2	0.83	-0.96	-0.41	0.46	50	47.2	1.3	WT5_7
36	0.68	2	121	170	0.12	1.32	2.95	1.28	1.63	-0.35	0.28	40.8	41.7	0.77	WT5_8
37	0.62	1	122	486	0.06	2.07	5.64	2.49	2	0	0.52	37.2	37.7	-0.02	WT6_1
38	0.61	1	122	501	0.06	2.12	4.98	4.07	2.96	0	0.54	48.8	53.3	0.25	WT6_2
39	0.37	1	122	555	0.06	1.88	4.29	2.35	1.95	0	0.52	46.3	53.1	0.23	WT6_3
40	0.46	1	121	531	0.06	1.7	3.7	2.44	2.07	0	0.54	39.2	48.3	0.32	WT6_4

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	1.84	2	115	65	0.15	2.05	4.77	2.43	3.61	-0.43	0.24	60	71.5	0.54	WT1_1
2	0.99	2	115	99	0.14	0.99	-0.11	0.98	-0.15	-0.01	0.49	47.8	47	1.09	WT1_2
3	0.09	1	115	152	0.13	1.27	2.32	1.19	1.25	0	0.27	32.2	48.8	0.6	WT1_3
4	0.25	1	112	143	0.13	1.09	0.91	1.26	1.53	0	0.37	38.4	42.8	0.83	WT1_4
5	-0.38	1	112	184	0.15	1.2	1.14	1.31	0.9	0	0.3	66.1	70.8	0.9	WT1_5
6	0.5	1	112	128	0.11	1.17	1.85	1.22	1.14	0	0.38	32.1	35.1	0.83	WT1_6
7	1.54	1	111	57	0.14	1.38	2.5	2.22	4.13	0	0.18	48.6	58.3	0.67	WT1_7
8	0.81	2	111	92	0.13	1.35	3.31	1.45	3.43	0.24	0.32	30.6	42.9	0.52	WT1_8
9	-0.81	2	115	91	0.24	1.02	0.22	0.83	-0.86	0.02	0.32	76.5	80.2	1.03	WT2_1
10	-0.01	1	115	75	0.21	0.83	-2.24	0.75	-2.35	0	0.54	69.6	68.6	1.53	WT2_2
11	-0.23	1	115	80	0.21	0.91	-1.02	0.83	-1.35	0	0.44	72.2	72	1.24	WT2_3
12	-0.71	1	113	88	0.24	0.97	-0.22	0.78	-1.2	0	0.38	74.3	78.9	1.11	WT2_4
13	-0.54	1	113	85	0.23	1.05	0.48	0.96	-0.16	0	0.26	72.6	76.7	0.95	WT2_5
14	-0.74	2	112	82	0.24	1.09	0.72	0.97	-0.11	0.32	0.42	75	79.4	0.92	WT2_6
15	0.03	2	112	75	0.21	0.81	-2.63	0.75	-2.4	-0.12	0.53	75	68.3	1.6	WT2_7
16	0.54	2	111	42	0.2	1.05	0.83	1.09	1.03	0.73	0.34	64.9	63	0.73	WT2_8
17	0.73	2	110	69	0.2	0.94	-1.04	1.03	0.39	-0.58	0.38	70	62.6	1.2	WT2_9
18	-0.51	1	110	83	0.23	0.96	-0.3	1	0.07	0	0.33	76.4	76.5	1.06	WT2_10
19	0.05	2	107	211	0.1	0.97	-0.17	0.84	-0.53	0.22	0.66	47.7	47.7	1.07	WT3_1
20	0.3	1	107	211	0.09	0.65	-3.23	0.51	-1.98	0	0.68	45.8	39.8	1.21	WT3_2
21	0.14	1	107	230	0.1	0.68	-2.65	0.45	-1.86	0	0.67	55.1	47.9	1.18	WT3_3
22	0.26	1	104	213	0.1	0.82	-1.44	0.72	-1.2	0	0.6	46.2	40.6	1.13	WT3_4
23	-0.04	2	103	194	0.11	1.52	2.98	1.33	1.37	0.46	0.65	44.7	49.4	0.89	WT3_5
24	0.61	2	101	187	0.1	0.68	-3.21	0.58	-2.77	-0.16	0.69	38.6	30.9	1.42	WT3_6
25	0.46	1	101	186	0.09	0.71	-2.83	0.66	-1.78	0	0.66	37.6	32.4	1.24	WT3_7
26	-0.01	2	101	208	0.11	1.14	0.96	0.88	-0.36	0.26	0.64	50.5	49.3	1.13	WT3_8
27	-2.05	2	113	111	0.37	0.36	-2.79	0.32	-2.12	-1.55	0.04	98.2	92.8	1.31	WT4_1
28	0.57	2	113	159	0.12	1.19	2.04	1.09	0.73	-0.6	0.44	27.4	37.4	1.35	WT5_1
29	0.47	2	113	339	0.08	7.94	9.91	9.9	5.4	1.44	0.46	23.9	44.5	-140.89	WT5_2
30	0.46	1	113	420	0.06	1.75	4.49	5.05	3.98	0	0.48	23.9	33.1	-0.09	WT5_3
31	0.51	1	112	396	0.06	2.13	6.6	2.35	2.59	0	0.43	23.2	28.4	-0.54	WT5_4
32	0.73	2	113	140	0.12	0.97	-0.34	0.94	-0.45	-0.42	0.46	41.6	34.9	0.76	WT6_1
33	1.05	2	113	160	0.13	1.85	6.9	1.91	5.89	-1.17	0.4	23.9	44.1	-0.1	WT6_2
34	0.82	2	113	157	0.11	1.35	3.63	1.4	2.29	-0.73	0.35	27.4	34.4	0.58	WT6_3
35	1.19	2	111	107	0.13	0.91	-0.86	0.95	-0.32	-0.41	0.46	44.1	44.2	0.34	WT6_4
36	0.54	2	111	134	0.11	0.7	-3.89	0.73	-1.47	-0.1	0.4	57.7	31.8	-1.53	WT6_5
37	0.78	2	111	148	0.12	0.88	-1.36	0.89	-0.71	-0.58	0.47	37.8	32.8	0.28	WT6_6
38	0.46	2	111	147	0.14	0.94	-0.63	0.88	-1.04	-0.41	0.5	44.1	46.1	1.4	WT6_7
39	0.68	2	111	131	0.12	1.17	1.85	1.09	0.73	-0.26	0.41	26.1	36.4	1.08	WT6_8

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
1	-1.42	1	115	203	0.19	1.08	0.48	0.81	-0.34	0	0.4	74.6	78.5	0.99	XT1_1
2	-1.99	1	115	221	0.26	1.03	0.22	0.32	-0.31	0	0.29	93	93.9	1.03	XT1_2
3	-0.2	1	114	148	0.14	1.57	4	1.74	3.65	0	0.29	38.1	54.8	0.29	XT1_3
4	-0.93	1	115	189	0.16	1.3	1.75	1.78	1.69	0	0.36	67.5	71.6	0.82	XT1_4
5	-1.96	1	115	219	0.25	1.07	0.32	1.98	1.15	0	0.21	93	92.5	0.93	XT1_5
6	-1.75	1	115	218	0.23	1.12	0.46	0.8	0.32	0	0.27	90.4	90.7	0.92	XT1_6
7	-1.45	1	115	209	0.19	1.22	0.99	1.62	0.92	0	0.3	82.5	83.8	0.89	XT1_7
8	-2	1	115	222	0.27	1.13	0.44	1.29	0.66	0	0.2	93.9	94.7	0.89	XT1_8
9	0.36	1	115	121	0.13	1.64	4.45	2.07	3.83	0	0.35	43.9	54.1	0.49	XT2_1
10	0.63	1	115	106	0.14	1.69	5.2	1.8	5.08	0	0.21	39.5	51.4	-0.25	XT2_2
11	-1.54	1	114	210	0.2	1.02	0.17	0.48	-0.41	0	0.38	85.8	85.2	1.02	XT2_3
12	-0.45	1	115	170	0.14	1.3	1.93	1.74	1.5	0	0.46	61.4	66.2	0.79	XT2_4
13	0.28	1	114	122	0.14	1.72	5.32	1.89	5.72	0	0.17	38.1	51.3	-0.37	XT2_5
14	-0.18	1	114	148	0.14	1.63	4.33	1.96	4.35	0	0.26	41.6	54.6	0.25	XT2_6
15	0.74	1	114	99	0.14	1.79	5.73	2.22	6	0	0.2	43.4	50.8	-0.16	XT2_7
16	0.17	1	115	127	0.15	1.75	5.5	1.76	5.49	0	0.07	49.1	55.2	-0.34	XT2_8
17	-1.19	1	115	202	0.17	0.94	-0.24	0.5	-0.55	0	0.47	77.2	76.2	1.06	XT3_1
18	-0.72	1	115	184	0.15	0.76	-1.6	0.43	-0.85	0	0.62	71.9	69.3	1.28	XT3_2
19	-0.71	1	115	183	0.15	0.69	-2.2	0.55	-0.69	0	0.63	69.3	67.8	1.19	XT3_3
20	-0.81	1	115	188	0.15	0.91	-0.51	0.61	-0.39	0	0.55	71.1	71.2	1.11	XT3_4
21	-1.26	1	115	205	0.18	0.95	-0.2	0.63	-0.18	0	0.44	80.7	79.4	1.04	XT3_5
22	-0.83	1	113	186	0.15	0.82	-1.12	0.43	-0.75	0	0.58	73.2	72.5	1.23	XT3_6
23	-0.85	1	112	185	0.16	1.09	0.56	1.18	0.47	0	0.48	73.9	73.1	0.94	XT3_7
24	-1.07	1	112	194	0.17	0.83	-0.93	0.4	-0.6	0	0.53	77.5	76.1	1.2	XT3_8
25	0.23	1	109	124	0.13	0.99	0	1.06	0.37	0	0.6	53.2	52.4	1	XT4_1
26	1.24	1	109	76	0.16	1.15	1.21	1.17	1.25	0	0.44	60.6	56.1	0.79	XT4_2
27	0.79	1	109	92	0.13	0.98	-0.14	1.18	0.89	0	0.59	51.4	50.2	0.99	XT4_3
28	1.22	1	107	69	0.14	0.95	-0.38	0.8	-0.91	0	0.58	50.5	52.9	1.08	XT4_4
29	0.31	1	107	120	0.13	1	0.02	1.18	0.74	0	0.61	56.1	55.9	0.98	XT4_5
30	0.89	1	107	45	0.21	0.92	-0.97	0.95	-0.38	0	0.47	74.8	68.2	1.2	XT4_6
31	0.43	1	98	163	0.11	0.81	-1.36	0.66	-1.75	0	0.76	44.9	45.7	1.17	XT5_1
32	0.58	1	98	98	0.14	0.9	-0.85	0.93	-0.33	0	0.63	55.1	49.2	1.1	XT5_2
33	0.51	1	96	150	0.11	0.73	-2.09	0.68	-1.58	0	0.77	51	44.7	1.22	XT5_3
34	0.41	1	89	156	0.11	0.9	-0.63	0.88	-0.49	0	0.7	48.3	43.2	1.09	XT5_4
35	0.72	1	89	131	0.11	0.81	-1.42	0.63	-1.54	0	0.72	47.2	42.1	1.14	XT5_5
36	0.5	1	89	98	0.14	0.8	-1.7	0.75	-1.39	0	0.67	49.4	47.6	1.23	XT5_6
37	0.44	1	89	153	0.12	0.62	-2.98	0.58	-2.34	0	0.79	52.8	42	1.33	XT5_7
38	0.65	1	89	138	0.12	0.79	-1.57	0.75	-1.37	0	0.72	48.3	41.8	1.23	XT5_8
39	-1	1	102	80	0.26	0.66	-2.72	0.48	-2.73	0	0.68	84.3	79.2	1.46	XT6_1
40	-0.02	1	101	62	0.22	0.81	-2.23	0.84	-1.28	0	0.58	79.2	70.2	1.46	XT6_2
41	-0.35	1	102	69	0.23	0.81	-1.95	0.75	-1.77	0	0.58	81.4	72.6	1.39	XT6_3
42	-0.14	1	99	64	0.23	0.85	-1.57	0.92	-0.59	0	0.52	79.8	71.1	1.31	XT6_4
43	-0.81	1	98	75	0.26	0.75	-2.05	0.62	-1.98	0	0.61	83.7	77.9	1.37	XT6_5
44	0.19	1	96	56	0.23	0.82	-2.15	0.83	-1.51	0	0.57	74	68.7	1.5	XT6_6
45	-0.49	1	96	69	0.25	0.78	-1.97	0.7	-1.82	0	0.59	82.3	74.8	1.39	XT6_7

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
46	0.57	1	96	49	0.22	0.94	-0.75	0.91	-0.87	0	0.46	70.8	66.8	1.22	XT6_8
47	0	1	85	185	0.12	0.75	-1.51	0.64	-1.32	0	0.71	51.8	51.9	1.14	XT7_1
48	0.06	1	87	186	0.13	0.8	-1.18	0.98	0.01	0	0.65	46	49.8	1.07	XT7_2
49	0.01	1	87	196	0.12	0.85	-0.73	0.79	-0.25	0	0.67	62.1	62.6	1.05	XT7_3
50	0.06	1	84	184	0.13	0.87	-0.71	0.8	-0.7	0	0.67	58.3	52.7	1.11	XT7_4
51	0.11	1	85	182	0.12	0.65	-2.29	0.75	-0.85	0	0.73	61.2	53.2	1.17	XT7_5
52	0.02	1	84	183	0.13	0.75	-1.49	0.71	-1.2	0	0.69	51.2	51.7	1.15	XT7_6
53	0.14	1	85	179	0.13	0.71	-1.85	0.71	-1.45	0	0.69	48.2	48.4	1.2	XT7_7
54	0.23	1	85	234	0.1	1.06	0.41	1.14	0.61	0	0.66	45.9	43.3	0.95	XT7_8
55	-0.36	1	91	146	0.16	0.84	-0.87	0.6	-1.1	0	0.59	70.3	68.8	1.11	XT8_1
56	-1.23	1	91	170	0.25	0.72	-0.85	0.62	-0.22	0	0.46	90.1	89	1.09	XT8_2
57	-1.03	1	91	163	0.22	0.9	-0.32	0.86	-0.15	0	0.42	82.4	82.5	1.03	XT8_3
58	-0.32	1	90	142	0.16	1.01	0.09	0.88	-0.3	0	0.48	66.7	65.6	1.01	XT8_4
59	-0.41	1	88	147	0.17	0.82	-0.97	0.56	-1.11	0	0.53	71.6	69.2	1.11	XT8_5
60	-0.4	1	88	146	0.17	0.86	-0.76	0.69	-0.74	0	0.51	70.5	68.8	1.09	XT8_6
61	-0.44	1	88	149	0.17	0.79	-1.05	0.55	-0.92	0	0.53	75	73.6	1.11	XT8_7
62	-0.6	1	88	152	0.19	0.88	-0.52	0.52	-1.17	0	0.49	76.1	75.7	1.09	XT8_8
63	0.6	1	89	98	0.14	1	0	0.9	-0.54	0	0.54	43.8	43.7	1.03	XT9_1
64	0.86	1	89	85	0.14	1.03	0.28	1.02	0.21	0	0.51	46.1	42.5	0.97	XT9_2
65	0.43	1	89	108	0.14	1.13	1.09	1.24	1.1	0	0.46	44.9	46.9	0.88	XT9_3
66	0.41	1	85	108	0.14	1.06	0.54	1.06	0.36	0	0.45	43.5	45.2	0.94	XT9_4
67	0.47	1	84	104	0.14	0.94	-0.47	0.97	-0.08	0	0.52	38.1	42.1	1.05	XT9_5
68	0.42	1	84	106	0.14	0.96	-0.32	0.92	-0.36	0	0.52	39.3	43.3	1.05	XT9_6
69	0.82	1	84	86	0.14	1	0.01	0.95	-0.25	0	0.51	33.3	37.8	1	XT9_7
70	0.93	1	84	80	0.14	1.06	0.54	1.03	0.23	0	0.47	39.3	40.2	0.93	XT9_8
71	0.06	1	87	115	0.17	0.87	-1.04	0.83	-1.18	0	0.57	54	52.8	1.25	XT10_1
72	-0.17	1	88	208	0.13	0.86	-0.74	0.75	-0.63	0	0.62	59.1	57.5	1.07	XT10_2
73	-0.04	1	88	194	0.12	0.82	-1.17	0.73	-1.13	0	0.65	53.4	50.2	1.14	XT10_3
74	0.49	1	85	217	0.09	0.98	-0.1	1.04	0.23	0	0.64	35.3	35.2	1	XT10_4
75	0.15	1	85	313	0.09	0.92	-0.46	0.91	-0.32	0	0.65	36.5	37.3	1.03	XT10_5
76	0.61	1	56	77	0.17	0.94	-0.37	0.9	-0.29	0	0.47	37.5	43.9	1.04	XT12_1
77	1.64	1	55	39	0.17	1.21	1.42	1.3	1.41	0	0.28	45.5	41.4	0.75	XT12_2
78	-0.13	1	56	43	0.33	0.84	-0.97	0.97	-0.05	0	0.46	78.6	76.9	1.22	XT12_3
79	1.22	1	53	52	0.19	0.99	-0.06	0.94	-0.35	0	0.44	45.3	41.8	1.06	XT12_4
80	0.97	1	53	61	0.17	0.77	-1.81	0.69	-1.64	0	0.63	34	35.6	1.24	XT12_5
81	1.71	1	53	36	0.18	0.84	-1.08	0.74	-1.27	0	0.58	45.3	42.7	1.22	XT12_6
82	0.62	1	51	71	0.18	0.95	-0.27	0.82	-0.64	0	0.49	49	45.7	1.06	XT12_7
83	0.89	1	51	61	0.17	0.83	-1.25	0.76	-1.36	0	0.59	37.3	34.9	1.21	XT12_8
84	0.52	1	51	33	0.3	0.77	-2.22	0.72	-2.25	0	0.64	76.5	66.8	1.8	XT12_9
85	0.68	1	49	66	0.18	0.8	-1.32	0.73	-1.19	0	0.61	53.1	42.1	1.21	XT12_10
86	1.15	1	49	51	0.17	0.87	-0.99	0.8	-1.19	0	0.55	26.5	32.9	1.19	XT12_11
87	1.12	1	49	52	0.16	0.82	-1.49	0.74	-1.42	0	0.6	36.7	32.8	1.2	XT12_12

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
1	-0.22	1	228	356	0.11	0.98	-0.11	0.71	-1.21	0	0.58	70.2	69.1	1.04	XT1_1
2	0.18	1	228	309	0.1	1.13	1.44	1.13	0.97	0	0.5	51.8	57.6	0.85	XT1_2
3	-0.41	2	228	339	0.12	1.44	2.99	1.1	0.38	0.44	0.59	68.9	75.8	0.63	XT1_3
4	0.97	1	220	224	0.1	1.08	1.03	1.14	1.37	0	0.51	49.1	49.6	0.83	XT1_4
5	-0.44	2	219	289	0.12	2	5.52	3.07	3.16	0.91	0.59	57.1	77.7	-0.42	XT1_5
6	1.2	1	214	198	0.1	0.99	-0.15	1.02	0.24	0	0.56	54.2	48.5	1.03	XT1_6
7	1.27	1	212	192	0.1	0.84	-2.12	0.8	-2.15	0	0.64	57.5	50	1.34	XT1_7
8	0.22	1	212	295	0.11	0.9	-1.17	0.85	-1.12	0	0.57	55.7	57	1.12	XT1_8
9	0.06	2	228	267	0.11	1.03	0.41	1.01	0.14	0.49	0.63	55.3	58.3	0.83	XT2_1
10	-0.17	2	228	388	0.09	2.08	6.64	2.97	4.68	0.9	0.71	44.3	66.3	-0.23	XT2_2
11	0.52	1	228	563	0.07	1	0.04	0.89	-0.87	0	0.71	39	40.1	1.02	XT2_3
12	0.49	2	217	574	0.07	1.08	0.76	0.98	-0.08	0.04	0.68	41	43.8	0.82	XT2_4
13	0.15	2	217	616	0.06	2.36	8.43	3	6.8	0.68	0.7	33.2	48.1	-0.16	XT2_5
14	-1.98	1	228	210	0.26	1.14	0.77	1.03	0.21	0	0.2	91.7	92.1	0.93	XT3_1
15	0.55	1	228	280	0.09	1.04	0.43	0.92	-0.36	0	0.59	56.1	53.8	0.99	XT3_2
16	0.81	1	228	246	0.09	1.01	0.09	0.97	-0.16	0	0.59	48.2	49.1	1	XT3_3
17	0.23	2	223	310	0.1	1	0.07	0.87	-0.71	-0.02	0.57	65.9	59.6	0.94	XT3_4
18	1.24	2	216	275	0.11	1.2	2.35	1.19	2.07	-0.87	0.56	49.1	53	0.65	XT3_5
19	0.79	2	215	251	0.09	0.82	-2.44	0.99	-0.03	-0.04	0.51	56.3	47	0.11	XT3_6
20	1.22	2	213	220	0.09	0.96	-0.49	1.35	2.47	-0.22	0.43	52.1	47.7	0.17	XT3_7
21	0.75	1	211	243	0.1	0.97	-0.3	0.98	-0.17	0	0.54	51.7	50.1	1.06	XT3_8
22	0.56	1	210	254	0.11	0.97	-0.36	1	0.04	0	0.52	57.6	54.8	1.04	XT3_9
23	0.31	2	210	302	0.1	1.02	0.23	1.73	2.1	0.02	0.46	61	60.3	0.39	XT3_10
24	0.89	2	210	132	0.15	0.9	-1.87	0.87	-1.69	-0.43	0.46	72.9	66.7	1.34	XT3_11
25	1.03	1	210	215	0.11	1.18	2.19	1.19	2.01	0	0.4	48.1	51.3	0.6	XT3_12
26	-1.7	1	227	205	0.24	1.03	0.21	0.97	0	0	0.29	89.9	90.4	0.99	XT4_1
27	0.72	1	227	256	0.09	0.95	-0.56	1.03	0.23	0	0.59	49.3	48.3	1.03	XT4_2
28	0.87	1	227	239	0.09	0.97	-0.32	0.91	-0.61	0	0.6	48.5	47.7	1.04	XT4_3
29	0.61	2	219	299	0.09	0.8	-2.47	0.77	-1.18	-0.25	0.6	55.3	51.2	0.79	XT4_4
30	0.97	2	215	263	0.09	1.16	1.94	1.49	2.45	-0.3	0.4	46	46.4	0.07	XT4_5
31	1.71	2	211	236	0.1	1.31	3.23	1.88	4.58	-0.85	0.5	46	54	-0.23	XT4_6
32	0.22	1	210	298	0.11	0.8	-2.3	0.71	-2.14	0	0.62	63.8	56.7	1.23	XT4_7
33	0.5	1	209	263	0.11	0.88	-1.43	0.84	-1.62	0	0.59	56	51.8	1.24	XT4_8
34	0.93	1	209	221	0.12	1.09	1.11	1.07	0.85	0	0.43	57.9	57.7	0.85	XT4_9
35	1.64	2	209	230	0.1	1.58	5.73	2.4	6.29	-0.73	0.34	40.7	53.3	-0.29	XT4_10
36	-0.13	2	209	156	0.17	0.96	-0.43	0.89	-0.8	-0.05	0.38	76.6	75.9	1.08	XT4_11
37	1.22	2	209	259	0.1	1.49	5.55	1.55	4.68	-0.64	0.41	38.8	48.3	0.35	XT4_12
38	-1.87	1	226	207	0.25	0.97	-0.08	0.77	-0.6	0	0.32	92	91.6	1.03	XT5_1
39	0.82	1	226	246	0.09	0.92	-1.01	0.95	-0.29	0	0.61	48.2	48.4	1.06	XT5_2
40	0.74	1	226	255	0.09	0.88	-1.49	0.84	-0.97	0	0.64	53.1	50.1	1.11	XT5_3
41	0.62	2	219	326	0.09	0.66	-4.46	0.58	-2.2	-0.49	0.64	59.4	51.4	0.61	XT5_4

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
42	0.5	1	212	259	0.11	0.85	-1.88	0.82	-2.05	0	0.61	60.4	55.8	1.29	XT5_5
43	0.2	1	211	289	0.11	0.79	-2.58	0.72	-2.72	0	0.63	63	56.5	1.34	XT5_6
44	0.33	1	210	275	0.11	0.78	-2.75	0.78	-2.32	0	0.63	60.5	54.6	1.36	XT5_7
45	0.79	1	210	234	0.11	0.85	-1.93	0.83	-2.04	0	0.61	56.7	55.4	1.29	XT5_8
46	0.84	1	210	230	0.11	0.88	-1.45	0.86	-1.67	0	0.59	59	55.7	1.23	XT5_9
47	0.89	2	210	253	0.09	1.13	1.64	1.2	1.24	-0.17	0.43	48.6	45.9	0.48	XT5_10
48	0.52	2	210	179	0.15	0.79	-3.9	0.72	-3.33	-1.52	0.42	76.7	69	1.62	XT5_11
49	0.68	2	209	235	0.09	1	0.08	1.37	2	0.2	0.43	47.8	48.4	0.02	XT5_12

ENTRY	MEASURE	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
1	-0.41	2	130	211	0.15	0.95	-0.23	0.62	-0.89	0.22	0.58	70.8	75.1	0.86	XT1_1
2	0.97	2	130	161	0.13	1.07	0.74	1.08	0.72	-0.51	0.54	45.4	45.3	0.99	XT1_2
3	-0.44	2	130	190	0.15	1.49	2.36	1.3	0.71	0.63	0.6	62.3	77	0.09	XT1_3
4	0.22	2	125	184	0.13	0.93	-0.63	0.89	-0.7	-0.2	0.42	52	53.4	1.03	XT1_4
5	-0.29	1	126	213	0.15	0.81	-1.15	0.47	-1.52	0	0.54	76.2	74.3	1.12	XT1_5
6	-0.45	1	126	220	0.16	0.84	-0.83	0.44	-1.42	0	0.51	81	78	1.11	XT1_6
7	-0.04	1	126	196	0.14	0.92	-0.57	0.7	-1.26	0	0.52	62.7	61.6	1.09	XT1_7
8	0.87	1	125	134	0.12	0.92	-0.77	1.03	0.31	0	0.54	49.6	44.9	1.12	XT1_8
9	0.06	2	130	173	0.14	0.84	-1.48	0.75	-1.91	0.15	0.63	61.5	56.1	1.22	XT2_1
10	-0.17	2	130	241	0.11	1.58	3.17	2.02	2.43	0.76	0.71	42.3	63.1	-0.12	XT2_2
11	0.41	1	130	334	0.09	0.83	-1.5	0.78	-1.72	0	0.72	37.7	36.3	1.24	XT2_3
12	0.46	1	128	330	0.08	0.8	-1.74	0.73	-1.71	0	0.72	38.3	38.9	1.22	XT2_4
13	0.96	1	127	196	0.1	0.74	-2.59	0.7	-2.5	0	0.72	41.7	37.4	1.4	XT2_5
14	-1.87	2	130	123	0.34	0.72	-1.06	0.48	-1.42	-0.39	0.28	94.6	92.5	1.17	XT3_1
15	0.82	2	130	174	0.11	1.15	1.55	1.03	0.23	-0.46	0.5	39.2	44.9	1.09	XT3_2
16	0.74	2	130	159	0.11	0.82	-1.94	0.78	-1.31	-0.17	0.65	46.9	45.7	1.46	XT3_3
17	0.62	2	128	197	0.11	0.92	-0.74	1.06	0.32	-0.59	0.49	49.2	46	0.9	XT3_4
18	0.5	2	126	167	0.14	1.06	0.63	1.03	0.35	-0.36	0.45	52.4	54.7	0.97	XT3_5
19	0.2	2	126	170	0.14	0.86	-1.26	0.81	-1.52	-0.02	0.57	54.8	54.7	1.24	XT3_6
20	0.33	2	126	163	0.14	0.84	-1.58	0.79	-1.86	-0.04	0.59	56.3	54	1.32	XT3_7
21	0.79	2	125	123	0.14	1.36	3.08	1.33	2.8	0.26	0.43	41.6	54.1	0.45	XT3_8
22	0.84	2	125	119	0.14	1.35	3.02	1.33	2.79	0.29	0.35	46.4	54.8	0.42	XT3_9
23	0.89	2	125	136	0.12	1.42	3.82	1.62	3.29	-0.03	0.19	30.4	45.4	0.02	XT3_10
24	0.52	2	125	113	0.2	0.82	-2.79	0.76	-2.65	-2.1	0.35	76.8	66.9	1.63	XT3_11
25	0.68	2	125	115	0.12	1.24	2.28	1.55	2.7	0.45	0.38	34.4	44.3	0.18	XT3_12
26	-0.58	1	129	224	0.16	0.98	-0.02	1.02	0.17	0	0.39	75.2	76.8	0.99	XT4_1
27	0.39	1	129	173	0.12	0.9	-0.94	0.73	-1.3	0	0.58	53.5	50.5	1.11	XT4_2
28	0.42	1	129	171	0.12	0.86	-1.32	0.68	-1.6	0	0.61	54.3	48.9	1.14	XT4_3
29	0.01	1	127	196	0.13	0.97	-0.16	0.93	-0.17	0	0.49	67.7	60.8	1.03	XT4_4
30	-0.08	1	126	197	0.14	1.05	0.4	1.16	0.68	0	0.43	66.7	62	0.97	XT4_5
31	0.06	1	126	185	0.14	0.86	-1.15	0.83	-0.93	0	0.56	65.1	57.5	1.15	XT4_6
32	0.69	1	125	148	0.12	0.98	-0.19	1.03	0.24	0	0.51	38.4	44.2	1	XT4_7
33	0.41	1	125	164	0.13	1.49	4.11	2.01	5.38	0	0.11	33.6	48.9	0.16	XT4_8
34	0.84	1	129	140	0.11	1.8	6.53	2.63	4.75	0	0.15	31	44.8	-0.56	XT4_9
35	0.84	1	129	140	0.11	1.37	3.36	1.62	2.22	0	0.37	36.4	44.8	0.28	XT4_10

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-0.22	2	155	246	0.14	1.19	1.2	0.71	-0.89	0.3	0.57	74	74.4	1.07	XT1_1
2	0.18	2	155	221	0.13	0.9	-0.95	0.74	-1.57	0.14	0.62	65.6	60.3	1.24	XT1_2
3	0.23	1	155	234	0.12	0.76	-2.31	0.62	-1.87	0	0.59	66.9	60.7	1.21	XT1_3
4	0.33	1	152	225	0.12	0.72	-2.74	0.65	-1.8	0	0.59	63.6	58.2	1.23	XT1_4
5	0.71	1	152	197	0.11	0.82	-1.96	0.77	-1.35	0	0.59	58.9	49.2	1.19	XT1_5
6	1.2	2	151	146	0.11	0.99	-0.06	1.1	0.9	0.11	0.52	46	44.4	0.98	XT1_6
7	1.27	2	151	136	0.12	0.9	-1.11	0.95	-0.45	0.18	0.61	47.3	46.4	1.36	XT1_7
8	0.97	1	151	171	0.12	0.74	-3.09	0.69	-3.01	0	0.66	54.7	46.1	1.58	XT1_8
9	0.43	1	155	219	0.12	0.69	-3.36	0.55	-2.64	0	0.64	60.4	54.5	1.3	XT2_1
10	0.43	1	155	349	0.09	0.5	-4.93	0.3	-3.04	0	0.69	68.2	55.6	1.25	XT2_2
11	0.76	1	155	402	0.07	0.59	-4.09	0.57	-2.95	0	0.74	42.2	37.6	1.35	XT2_3
12	0.49	2	151	388	0.08	1.1	0.79	0.87	-0.58	0.35	0.73	50	47	0.89	XT2_4
13	0.15	2	150	434	0.08	2.75	8.1	3.26	5.84	0.88	0.76	30.2	50.9	-0.41	XT2_5
14	-1.98	2	155	149	0.36	0.71	-0.99	0.48	-1.2	-0.4	0.22	96.1	94.5	1.15	XT3_1
15	0.55	2	155	202	0.11	1.23	2.18	1.14	0.64	0.14	0.47	48.7	51.7	0.99	XT3_2
16	0.81	2	155	209	0.11	0.97	-0.24	0.85	-0.88	-0.24	0.54	47.4	48.1	1.3	XT3_3
17	0.23	2	155	223	0.12	1.08	0.73	1.29	1.23	0.16	0.45	63.6	60.7	0.73	XT3_4
18	1.24	2	154	225	0.12	1.26	2.61	1.26	2.44	-1.18	0.46	47.7	50.1	0.51	XT3_5
19	0.79	2	154	176	0.11	1	-0.01	1.47	2.29	0.18	0.35	45.8	48	-0.19	XT3_6
20	1.22	2	154	159	0.11	1.04	0.53	1.13	0.94	-0.06	0.33	43.1	44.5	-0.01	XT3_7
21	0.75	2	154	192	0.12	0.9	-1.09	0.92	-0.64	-0.07	0.39	54.2	48.6	0.86	XT3_8
22	0.56	2	154	208	0.13	1.06	0.61	1.01	0.09	-0.23	0.37	51	54.4	0.93	XT3_9
23	0.31	2	154	205	0.11	1.41	3.23	1.98	2.12	0.38	0.39	55.6	59.2	0.1	XT3_10
24	0.89	2	154	107	0.18	0.85	-2.63	0.79	-2.44	-0.62	0.46	71.9	66.5	1.58	XT3_11
25	1.03	2	154	159	0.12	1.19	2.01	1.27	2.43	0.12	0.32	48.4	49.9	0.45	XT3_12
26	-1.87	2	155	151	0.35	0.5	-2.1	0.45	-1.4	-0.97	0.13	97.4	93.9	1.23	XT4_1
27	0.62	1	155	207	0.11	1.01	0.11	0.87	-0.61	0	0.52	53.9	50.8	1.02	XT4_2
28	0.65	1	155	206	0.11	0.98	-0.19	0.89	-0.39	0	0.52	48.7	49.6	1.02	XT4_3
29	0.62	2	155	223	0.11	0.87	-1.3	0.97	-0.01	-0.16	0.49	55.8	49.2	0.81	XT4_4
30	1.15	2	154	287	0.1	1.72	6.59	2.28	5.84	-2.13	0.27	27.5	43.1	0.5	XT4_5
31	1.12	2	154	227	0.1	1.01	0.12	1.16	0.75	-0.71	0.47	44.4	46.6	0.11	XT4_6
32	-0.15	1	154	251	0.14	1.02	0.19	0.83	-0.7	0	0.42	68	67	1.02	XT4_7
33	0.89	2	154	206	0.11	0.96	-0.43	0.87	-0.69	-0.26	0.45	52.3	46.9	0.59	XT4_8
34	1.11	1	154	163	0.1	1.63	5.66	2.48	3.67	0	0.27	33.3	46.7	0.22	XT5_1
35	1.47	1	155	129	0.1	1.72	6.39	1.93	3.03	0	0.25	33.8	49.1	0.39	XT5_2

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
1	-1.26	1	106	177	0.2	1.12	0.68	1.01	0.16	0	0.53	78.1	75.7	0.94	YT1_1
2	-1.45	1	106	189	0.21	0.96	-0.06	0.61	-0.16	0	0.54	86.7	85.8	1.03	YT1_2
3	-0.24	1	106	144	0.16	1.37	2.44	1.34	1.48	0	0.52	55.2	61.5	0.66	YT1_3
4	-0.95	1	104	171	0.18	1.12	0.64	1.76	1.32	0	0.53	76	76.8	0.89	YT1_4
5	-1.94	1	104	195	0.26	1.11	0.44	2.79	1.34	0	0.39	89.4	89.9	0.91	YT1_5
6	-1.76	1	104	191	0.24	0.61	-1.54	0.3	-0.64	0	0.57	89.4	86.5	1.14	YT1_6
7	-1.53	1	103	185	0.22	0.65	-1.48	0.27	-1.14	0	0.61	89.3	84.8	1.16	YT1_7
8	-1.89	1	103	194	0.26	1.41	1.18	0.48	0.01	0	0.38	89.3	91	0.82	YT1_8
9	-0.02	1	105	138	0.15	1.46	2.9	2.01	2.7	0	0.49	45.2	59.5	0.6	YT2_1
10	0.85	1	105	98	0.16	1.45	3.29	1.37	2.34	0	0.44	47.1	56	0.31	YT2_2
11	-1.67	1	105	193	0.24	0.93	-0.15	0.39	-0.12	0	0.51	88.5	87.6	1.05	YT2_3
12	-0.71	1	103	166	0.17	1	0.05	0.61	-0.33	0	0.62	77.7	75.8	1.03	YT2_4
13	0.27	1	103	118	0.16	1.63	4.3	1.84	4.84	0	0.31	39.8	57.6	-0.04	YT2_5
14	-0.25	1	102	144	0.16	1.5	2.94	2.17	3.01	0	0.44	56.9	64.4	0.57	YT2_6
15	0.74	1	102	100	0.15	1.65	4.42	1.67	3.34	0	0.38	47.1	54.8	0.13	YT2_7
16	0.11	1	102	119	0.18	1.46	3.25	1.47	3.34	0	0.29	52	62.6	0.33	YT2_8
17	-1.7	1	105	193	0.24	1.1	0.42	0.75	0.26	0	0.46	86.5	87.5	0.97	YT3_1
18	-0.86	1	106	174	0.18	1.01	0.1	0.6	-0.28	0	0.61	78.1	77.4	1.02	YT3_2
19	-0.73	1	105	168	0.17	1.28	1.39	1.52	0.84	0	0.54	72.1	74.5	0.84	YT3_3
20	-0.77	1	102	169	0.18	1.2	1	0.75	0.03	0	0.54	74.5	76.8	0.92	YT3_4
21	-1.48	1	100	185	0.24	1.23	0.78	0.59	0.06	0	0.41	88	90.2	0.94	YT3_5
22	-1.24	1	100	180	0.22	1.18	0.74	1.53	0.79	0	0.44	85	87	0.92	YT3_6
23	-0.63	1	100	164	0.17	1.12	0.66	3.33	1.79	0	0.51	74	76	0.8	YT3_7
24	-1.59	1	99	185	0.26	1.05	0.25	3.1	1.46	0	0.36	90.9	91.4	0.87	YT3_8
25	0.49	1	102	112	0.15	1	0.08	0.99	0.04	0	0.64	53.9	57	0.99	YT4_1
26	0.81	1	102	97	0.15	1.4	2.86	1.58	2.98	0	0.47	56.9	54.6	0.47	YT4_2
27	0.56	1	102	109	0.14	1.13	0.99	1.14	0.63	0	0.61	55.9	58.4	0.9	YT4_3
28	1.09	1	99	84	0.15	1.01	0.1	0.96	-0.18	0	0.61	55.6	54	1	YT4_4
29	0.42	1	98	116	0.14	1.4	2.55	1.41	1.07	0	0.54	59.2	62.7	0.72	YT4_5
30	0.92	1	98	91	0.15	1.19	1.39	1.21	0.9	0	0.57	52	53.6	0.85	YT4_6
31	0.85	1	94	139	0.12	0.82	-1.16	0.77	-0.79	0	0.77	53.2	51.3	1.13	YT5_1
32	0.77	1	95	96	0.15	0.69	-2.41	0.51	-1.85	0	0.76	61.1	57.6	1.22	YT5_2

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
33	0.81	1	95	141	0.12	0.68	-2.14	0.92	-0.15	0	0.78	56.8	51.9	1.15	YT5_3
34	0.86	1	89	135	0.12	0.45	-4.2	0.34	-2.88	0	0.84	64	51.8	1.32	YT5_4
35	1.04	1	85	119	0.12	0.65	-2.3	0.53	-1.57	0	0.78	55.3	51.7	1.18	YT5_5
36	0.62	1	85	97	0.16	0.62	-2.94	0.5	-2.56	0	0.79	67.1	58	1.35	YT5_6
37	0.62	1	85	148	0.13	0.85	-0.83	0.63	-1.19	0	0.78	62.4	56	1.1	YT5_7
38	0.89	1	85	131	0.12	0.63	-2.39	0.45	-1.98	0	0.81	55.3	52.1	1.2	YT5_8
39	-1.52	1	95	81	0.32	0.76	-1.25	0.44	-1.68	0	0.59	89.5	86.5	1.25	YT6_1
40	0.03	1	96	61	0.24	0.89	-1.01	0.85	-0.84	0	0.56	81.3	73.7	1.2	YT6_2
41	-0.88	1	94	73	0.28	0.89	-0.69	0.66	-1.29	0	0.55	80.9	81.2	1.18	YT6_3
42	-0.41	1	93	67	0.26	0.76	-2	0.66	-1.68	0	0.63	83.9	77.3	1.37	YT6_4
43	-1.26	1	92	77	0.31	0.74	-1.45	0.45	-1.8	0	0.62	87	85.2	1.28	YT6_5
44	0.26	1	92	56	0.24	0.82	-1.8	0.84	-1.05	0	0.6	79.3	72	1.36	YT6_6
45	-0.58	1	92	69	0.27	0.82	-1.32	0.93	-0.2	0	0.57	84.8	79.2	1.23	YT6_7
46	0.6	1	92	50	0.24	0.97	-0.27	0.93	-0.43	0	0.49	70.7	70.5	1.08	YT6_8
47	0.02	1	85	188	0.13	0.89	-0.52	0.98	0.09	0	0.7	62.4	59.6	1.04	YT7_1
48	0.23	1	86	179	0.13	0.64	-2.35	0.43	-2.22	0	0.79	61.6	57.9	1.23	YT7_2
49	0.08	1	86	187	0.13	0.94	-0.26	0.96	0.03	0	0.7	66.3	59.5	1.03	YT7_3
50	0.08	1	84	183	0.14	0.73	-1.62	0.49	-1.92	0	0.77	61.9	58.8	1.2	YT7_4
51	0.37	1	84	168	0.13	0.78	-1.34	0.8	-0.47	0	0.75	61.9	55.7	1.11	YT7_5
52	0.25	1	82	173	0.13	0.72	-1.74	0.53	-1.68	0	0.76	61	55.8	1.19	YT7_6
53	0.28	1	82	172	0.14	0.75	-1.5	0.64	-1.54	0	0.75	63.4	55.9	1.2	YT7_7
54	0.35	1	82	227	0.11	0.88	-0.62	0.75	-0.69	0	0.76	54.9	54.3	1.09	YT7_8
55	-0.3	1	89	142	0.17	0.96	-0.14	0.76	-0.3	0	0.59	71.9	73	1.04	YT8_1
56	-0.72	1	88	154	0.2	0.84	-0.61	0.4	-0.26	0	0.56	84.1	81.8	1.16	YT8_2
57	-0.65	1	89	152	0.2	1.01	0.11	0.56	-0.6	0	0.54	76.4	79.2	1.03	YT8_3
58	-0.21	1	88	137	0.17	0.89	-0.55	0.63	-0.73	0	0.62	70.5	68.5	1.08	YT8_4
59	-0.68	1	87	152	0.2	1	0.06	0.51	-0.44	0	0.5	80.5	80	1.04	YT8_5
60	-0.33	1	87	142	0.18	0.83	-0.84	0.46	-0.81	0	0.61	73.6	75	1.12	YT8_6
61	-0.46	1	87	146	0.18	0.97	-0.09	0.55	-0.49	0	0.54	75.9	77.6	1.04	YT8_7
62	-0.43	1	87	146	0.18	0.91	-0.36	0.46	-0.39	0	0.56	79.3	78.1	1.14	YT8_8
63	0.49	1	89	108	0.15	0.81	-1.48	0.67	-1.64	0	0.7	55.1	55.2	1.21	YT9_1
64	0.88	1	89	91	0.16	1.37	2.62	1.37	1.93	0	0.44	50.6	51.4	0.53	YT9_2

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
65	0.23	1	89	121	0.15	1.62	3.61	2.14	2.68	0	0.34	42.7	58.4	0.52	YT9_3
66	0.34	1	88	115	0.15	1.05	0.41	0.94	-0.16	0	0.58	51.1	57.3	0.97	YT9_4
67	0.12	1	87	124	0.16	0.91	-0.54	0.73	-0.86	0	0.62	57.5	58.2	1.08	YT9_5
68	0.28	1	87	117	0.16	1.08	0.63	0.99	0.06	0	0.56	54	57.1	0.95	YT9_6
69	0.76	1	85	94	0.16	1.05	0.41	0.94	-0.27	0	0.59	51.8	51.6	0.97	YT9_7
70	0.47	1	85	105	0.16	1.14	1.02	1.14	0.79	0	0.51	43.5	54.5	0.79	YT9_8
71	-0.04	1	87	119	0.18	0.96	-0.22	0.94	-0.32	0	0.54	52.9	59.6	1.03	YT10_1
72	0.11	1	88	190	0.13	0.89	-0.66	0.87	-0.34	0	0.67	48.9	56.2	1.04	YT10_2
73	0.13	1	87	185	0.13	0.76	-1.53	0.67	-1.33	0	0.73	52.9	54.2	1.17	YT10_3
74	0.51	1	87	221	0.1	1.19	1.13	1.44	1.51	0	0.68	48.3	47.1	0.86	YT10_4
75	0.2	1	86	310	0.1	1.49	2.43	1.65	2.33	0	0.63	44.2	45.9	0.67	YT10_5
76	0.3	1	60	97	0.2	0.82	-0.86	0.59	-0.83	0	0.56	70	67.2	1.11	YT12_1
77	1.26	1	60	65	0.17	0.74	-1.91	0.69	-1.77	0	0.69	51.7	44.4	1.31	YT12_2
78	0.9	1	60	77	0.18	0.84	-1.02	0.87	-0.55	0	0.61	51.7	47.4	1.16	YT12_3
79	1.56	1	60	55	0.18	1.12	0.88	1.12	0.7	0	0.45	46.7	43.4	0.82	YT12_4
80	0.95	1	60	76	0.17	0.61	-2.9	0.51	-2.41	0	0.75	50	46.4	1.35	YT12_5
81	1.32	1	60	31	0.28	0.78	-2.55	0.76	-2.34	0	0.61	75	65.2	1.89	YT12_6
82	0.4	1	58	92	0.2	0.7	-1.59	0.47	-1.41	0	0.65	74.1	65.8	1.2	YT12_7
83	0.67	1	57	81	0.19	0.72	-1.75	0.63	-1.46	0	0.66	56.1	54.2	1.25	YT12_8
84	1.09	1	58	71	0.17	0.62	-2.78	0.5	-2.23	0	0.76	56.9	47.8	1.3	YT12_9
85	0.91	1	57	74	0.18	0.91	-0.54	0.9	-0.36	0	0.57	49.1	47	1.08	YT12_10
86	1.06	1	58	70	0.18	0.85	-1	0.85	-0.78	0	0.61	48.3	46.6	1.22	YT12_11
87	0.94	1	58	76	0.17	0.86	-0.88	0.77	-0.78	0	0.62	48.3	49	1.11	YT12_12

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
1	-0.23	1	215	352	0.12	1.02	0.2	0.98	0.03	0	0.55	72	73	1.01	YT1_1
2	0.56	1	215	283	0.11	1.07	0.72	1.02	0.19	0	0.57	56.1	58.3	0.94	YT1_2
3	-0.08	1	215	333	0.12	0.89	-1.03	0.78	-1.26	0	0.61	69.2	67.4	1.11	YT1_3
4	-0.3	1	212	344	0.13	1.07	0.59	0.98	-0.02	0	0.5	68.2	71.5	0.97	YT1_4
5	1.08	1	215	116	0.15	0.8	-3.5	0.74	-3.17	0	0.6	77.1	70	1.53	YT2_1
6	0.54	1	215	138	0.16	0.83	-2.56	0.72	-2.83	0	0.58	77.6	72.7	1.38	YT2_2
7	0.98	1	215	120	0.15	0.87	-2.11	0.8	-2.39	0	0.55	73.4	70.3	1.35	YT2_3
8	1.04	1	204	114	0.16	0.84	-2.6	0.86	-1.56	0	0.55	80.3	70	1.38	YT2_4
9	2.91	1	204	44	0.18	1.12	1.21	1.21	1.04	0	0.26	79.3	79.6	0.81	YT2_5
10	0.53	1	202	133	0.17	0.74	-3.79	0.66	-3.47	0	0.64	83.1	73.1	1.52	YT2_6
11	2.73	1	199	49	0.18	0.92	-0.97	0.75	-1.46	0	0.46	77.3	77	1.17	YT2_7
12	0	1	215	673	0.08	1.29	2.29	1.08	0.57	0	0.62	53.7	56.2	0.86	YT3_1
13	0.51	2	215	594	0.07	1.35	2.7	1.77	3.15	0.07	0.63	46.3	55	0.29	YT3_2
14	0.22	1	215	797	0.07	1.49	3.91	1.42	2.74	0	0.64	40.7	46.6	0.69	YT3_3
15	0.46	1	212	895	0.06	1.88	6.48	2.07	5.95	0	0.61	28	40.1	0.38	YT3_4
16	-0.36	1	215	333	0.13	0.91	-0.93	0.81	-1.52	0	0.58	71	67.1	1.13	YT4_1
17	0.59	1	215	290	0.1	1.02	0.22	1.01	0.13	0	0.61	63.1	62.3	1	YT4_2
18	0.76	1	215	273	0.1	0.95	-0.5	0.9	-0.47	0	0.64	63.6	60.1	1.04	YT4_3
19	0.83	1	210	255	0.11	0.89	-1.3	0.88	-1.03	0	0.63	51.7	54.2	1.13	YT4_4
20	0.93	1	204	120	0.16	0.89	-1.79	0.83	-1.98	0	0.52	72.9	70	1.31	YT4_5
21	0.93	1	201	237	0.11	0.88	-1.48	0.85	-1.65	0	0.61	54	54.2	1.23	YT4_6
22	0.63	1	199	265	0.11	0.89	-1.26	0.96	-0.32	0	0.59	61.6	57.1	1.13	YT4_7
23	0.68	1	199	256	0.12	0.93	-0.82	0.87	-1.36	0	0.59	57.6	56	1.15	YT4_8
24	0.66	1	199	259	0.11	0.93	-0.72	0.89	-1.06	0	0.58	60.1	56.4	1.12	YT4_9
25	-0.19	1	199	157	0.19	0.99	-0.05	1.01	0.09	0	0.37	81.8	80.4	1	YT4_10
26	0.51	1	199	283	0.11	0.87	-1.34	0.76	-1.51	0	0.62	60.1	60.7	1.13	YT4_11
27	1.07	1	199	229	0.11	1.08	0.98	1.12	1.19	0	0.52	51	51.1	0.85	YT4_12
28	-0.26	1	214	335	0.13	0.87	-1.2	0.76	-1.7	0	0.61	72.8	67.8	1.16	YT5_1
29	0.5	1	214	300	0.1	1.06	0.63	0.81	-0.75	0	0.6	62	62.8	0.99	YT5_2
30	0.78	1	214	271	0.1	0.87	-1.4	0.74	-1.31	0	0.67	60.6	60.1	1.09	YT5_3
31	0.94	1	209	245	0.11	0.89	-1.25	0.83	-1.6	0	0.64	58.7	54	1.17	YT5_4
32	2.4	1	202	61	0.17	1.23	2.96	1.47	3.05	0	0.17	66.7	73.2	0.47	YT5_5

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
33	0.91	1	200	232	0.12	0.91	-1	0.9	-1.16	0	0.57	58.8	59.1	1.14	YT5_6
34	0.88	1	199	237	0.12	1	0.08	1	0.04	0	0.52	52.5	56.2	0.98	YT5_7
35	0.4	1	199	282	0.12	0.87	-1.34	0.8	-1.67	0	0.61	63.1	60.1	1.18	YT5_8
36	1.04	1	199	234	0.1	1.23	2.45	1.2	1.63	0	0.47	48.5	51.2	0.71	YT5_9
37	-0.05	1	199	153	0.18	1	-0.01	1.04	0.3	0	0.37	81.8	78.8	0.98	YT5_10
38	0.58	1	199	269	0.11	0.96	-0.37	0.9	-0.88	0	0.57	58.1	57.8	1.07	YT5_11
39	0.94	2	199	238	0.1	0.8	-2.2	0.81	-0.95	0.13	0.64	64.1	58.6	0.45	YT5_12
40	-0.29	1	214	339	0.13	0.85	-1.36	0.71	-1.94	0	0.62	75.1	69	1.17	YT6_1
41	0.67	1	214	280	0.1	1.08	0.85	0.98	-0.06	0	0.59	59.2	59.9	0.96	YT6_2
42	0.88	1	214	260	0.1	0.99	-0.09	0.88	-0.58	0	0.63	62	59	1.02	YT6_3
43	0.96	1	209	240	0.11	0.96	-0.43	0.91	-0.87	0	0.59	50.5	52.9	1.08	YT6_4
44	0.92	1	202	120	0.16	0.91	-1.4	0.88	-1.38	0	0.5	74.6	70	1.23	YT6_5
45	1.21	1	201	211	0.13	0.98	-0.23	0.97	-0.29	0	0.51	68	64.7	1.03	YT6_6
46	0.52	1	199	259	0.12	1.06	0.68	1.04	0.45	0	0.47	55.6	59.1	0.9	YT6_7
47	0.91	1	199	236	0.12	0.86	-1.66	0.86	-1.63	0	0.61	60.1	55.4	1.25	YT6_8
48	1.25	1	199	211	0.12	1.15	1.7	1.16	1.8	0	0.44	57.1	54.5	0.73	YT6_9
49	1.32	2	199	131	0.16	1.03	0.44	1	0	-0.7	0.4	67.7	68.3	0.94	YT6_10
50	0.7	1	199	265	0.11	0.93	-0.77	0.9	-0.74	0	0.6	61.1	56.9	1.09	YT6_11
51	1.17	1	199	219	0.11	1.21	2.36	1.21	2.1	0	0.43	44.4	52.4	0.59	YT6_12

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
1	-0.08	2	136	203	0.16	1.16	1.04	0.96	-0.04	0.44	0.63	68.7	71.6	0.87	YT1_1
2	-0.3	2	136	214	0.17	1.3	1.78	1.3	1.01	0.4	0.51	64.2	74.5	0.69	YT1_2
3	0.23	1	136	205	0.15	1.04	0.34	0.87	-0.62	0	0.54	65.7	64	1.02	YT1_3
4	0.21	1	135	209	0.15	1.32	2.2	1.24	1	0	0.42	62.4	66.5	0.76	YT1_4
5	1.08	2	136	87	0.2	0.81	-2.5	0.79	-1.61	-0.26	0.56	77.6	70.5	1.44	YT2_1
6	0.54	2	136	87	0.21	1.06	0.61	0.96	-0.17	0.29	0.48	73.1	74.5	0.93	YT2_2
7	0.98	2	136	82	0.2	0.96	-0.44	0.87	-0.94	0.04	0.5	72.4	71.1	1.13	YT2_3
8	1.04	2	127	82	0.2	0.89	-1.33	0.82	-1.31	-0.13	0.5	76.8	70.6	1.28	YT2_4
9	-0.14	1	123	100	0.25	0.77	-1.65	0.55	-1.82	0	0.54	86.8	82.5	1.28	YT2_5
10	-0.54	1	122	105	0.28	0.78	-1.24	0.52	-1.53	0	0.51	87.5	86.6	1.22	YT2_6
11	0.19	1	122	94	0.24	0.86	-1.09	0.77	-0.98	0	0.49	82.5	79.2	1.2	YT2_7
12	0.49	1	136	405	0.09	0.76	-1.75	0.75	-0.9	0	0.72	55.2	52.3	1.14	YT3_1
13	0.43	1	136	417	0.1	0.68	-2.36	0.48	-2.26	0	0.73	61.2	53.6	1.2	YT3_2
14	0.22	2	136	488	0.09	1.29	1.9	1.28	1.33	0.38	0.73	38.1	50.2	0.67	YT3_3
15	0.46	2	130	556	0.08	1.47	2.88	1.25	1.19	0.28	0.71	41.4	45.8	0.6	YT3_4
16	-0.36	2	136	231	0.17	0.9	-0.73	0.68	-1.76	-0.37	0.56	79.1	70.4	1.3	YT4_1
17	0.59	2	136	221	0.13	1.17	1.28	1.04	0.22	-0.45	0.45	63.4	64.3	1.11	YT4_2
18	0.76	2	136	213	0.13	1.28	2.1	1.2	0.69	-0.46	0.44	55.2	58.9	1.03	YT4_3
19	0.83	2	135	190	0.14	1.03	0.31	1.04	0.26	-0.25	0.52	53.4	56.5	0.99	YT4_4
20	0.93	2	135	95	0.2	1	0.06	0.95	-0.28	-0.46	0.38	71.4	71.2	1.01	YT4_5
21	0.93	2	132	183	0.15	0.8	-1.94	0.79	-1.68	-0.38	0.52	59.2	57	1.19	YT4_6
22	0.63	2	131	194	0.14	0.91	-0.76	1.2	1.16	-0.22	0.46	65.1	58.6	0.93	YT4_7
23	0.68	2	131	181	0.15	1.02	0.19	1.03	0.25	-0.06	0.49	58.9	59	0.92	YT4_8
24	0.66	2	131	188	0.15	0.93	-0.59	0.99	-0.04	-0.18	0.51	64.3	59.1	1.06	YT4_9
25	-0.19	2	131	107	0.24	0.96	-0.24	1.38	1.32	-0.02	0.33	82.9	82.2	0.97	YT4_10
26	0.51	2	131	202	0.14	1.16	1.24	1.93	2.99	-0.13	0.36	55.8	62	0.68	YT4_11
27	1.07	2	130	158	0.14	1.48	3.88	1.71	3.99	0.06	0.36	41.4	54.5	0.2	YT4_12
28	-1.14	1	135	250	0.23	0.94	-0.2	0.59	-0.94	0	0.4	87.2	86.6	1.06	YT5_1
29	0.2	1	135	219	0.15	1.05	0.37	1.07	0.31	0	0.5	72.9	73.7	0.97	YT5_2
30	0.4	1	135	208	0.14	0.9	-0.71	0.72	-0.72	0	0.57	67.7	67	1.07	YT5_3
31	-0.08	1	133	219	0.16	0.99	0.01	1.19	0.76	0	0.45	72.5	71.4	0.97	YT5_4
32	-0.12	1	133	226	0.17	0.91	-0.53	0.86	-0.28	0	0.49	76.3	74.5	1.06	YT5_5
33	0.08	1	133	215	0.16	0.88	-0.83	0.73	-0.99	0	0.55	74	69.5	1.11	YT5_6
34	-0.16	1	133	229	0.17	1.32	1.72	1.9	1.83	0	0.3	70.2	75.7	0.78	YT5_7
35	0.3	1	132	195	0.16	0.96	-0.3	0.84	-0.95	0	0.54	60	61.8	1.08	YT5_8

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-0.23	2	147	236	0.16	1.28	1.52	0.79	-0.45	0.48	0.62	73.5	78.3	0.81	YT1_1
2	0.56	2	147	191	0.13	1.33	2.58	1.38	1.87	0.36	0.52	57.1	61.1	0.68	YT1_2
3	0.35	1	147	230	0.14	0.77	-1.82	0.56	-1.78	0	0.63	75.5	67.6	1.19	YT1_3
4	0.46	1	146	220	0.13	0.79	-1.77	0.69	-1.5	0	0.63	74.7	64.5	1.21	YT1_4
5	1.98	1	147	61	0.18	0.92	-1.21	1.01	0.11	0	0.47	74.8	68.6	1.19	YT2_1
6	0.54	2	147	101	0.2	0.92	-0.84	0.83	-1.06	0.07	0.49	77.6	74.1	1.17	YT2_2
7	1.58	1	147	73	0.18	0.99	-0.11	1.01	0.17	0	0.42	66.7	67.5	1.02	YT2_3
8	1	1	142	88	0.19	0.83	-2.25	0.81	-1.51	0	0.55	81	70.7	1.4	YT2_4
9	2.91	2	138	45	0.21	1.27	2.42	1.39	2.03	-0.4	0.31	67.4	76.9	0.57	YT2_5
10	0.53	2	136	83	0.21	1.05	0.53	1.51	2.6	0.58	0.53	71.3	74.9	0.87	YT2_6
11	2.73	2	134	39	0.21	1.03	0.3	1.02	0.18	0	0.36	75.4	74.2	0.95	YT2_7
12	0	2	147	437	0.11	1.54	3.09	1.32	1.41	0.58	0.76	57.1	61.4	0.66	YT3_1
13	0.51	2	147	378	0.09	1.5	2.93	1.99	2.9	0.59	0.75	48.3	58.7	0.11	YT3_2
14	0.53	1	147	582	0.08	0.79	-1.36	0.51	-1.71	0	0.72	66.7	61.7	1.12	YT3_3
15	0.66	1	144	657	0.07	0.64	-2.7	0.58	-2.68	0	0.77	54.2	42.9	1.26	YT3_4
16	0.04	1	147	237	0.15	0.84	-1.23	0.69	-1.46	0	0.57	70.1	68.7	1.15	YT4_1
17	0.55	1	147	220	0.13	1	0.02	1.03	0.19	0	0.54	67.3	65.7	1	YT4_2
18	0.53	1	147	224	0.13	0.95	-0.31	0.74	-0.75	0	0.57	68.7	67.2	1.05	YT4_3
19	0.3	2	144	242	0.14	0.74	-1.89	0.66	-0.71	-0.08	0.49	80.6	70.1	0.58	YT4_4
20	1.26	2	143	244	0.12	1.27	2.47	1.27	1.44	-1.27	0.43	46.2	49.8	1.06	YT4_5
21	0.9	2	143	205	0.12	1.19	1.65	1.21	1.03	-0.15	0.43	55.2	55	0.9	YT4_6
22	1.56	2	143	223	0.12	1.51	4.58	1.6	3.6	-1.18	0.38	38.5	49.7	0.42	YT4_7
23	0.95	2	143	239	0.12	1.23	1.93	1.22	0.96	-0.79	0.23	49.7	55.2	0.65	YT4_8
24	-0.29	2	147	235	0.17	1.1	0.69	0.95	-0.12	0.3	0.57	76.9	72.9	0.95	YT5_1
25	0.67	2	147	209	0.13	1.09	0.74	1.14	0.6	0.07	0.56	68	64.1	1.07	YT5_2
26	0.88	2	147	224	0.12	0.93	-0.55	0.81	-0.66	-0.36	0.56	63.3	60.7	1.28	YT5_3
27	0.96	2	145	190	0.13	0.92	-0.76	0.84	-1.31	-0.12	0.59	57.9	54.2	1.24	YT5_4
28	0.92	2	145	99	0.19	1.01	0.15	0.94	-0.4	-0.26	0.35	67.6	70.9	1.01	YT5_5
29	1.21	2	145	171	0.16	1.57	4.43	1.55	4.24	-0.25	0.21	57.9	65.1	0.31	YT5_6
30	0.52	2	144	185	0.15	1.36	3.08	1.39	2.99	0.26	0.1	48.6	60.2	0.33	YT5_7
31	0.91	2	144	174	0.14	0.9	-1.02	0.9	-0.83	0.14	0.43	61.8	56	1.04	YT5_8
32	1.25	2	144	141	0.14	1.03	0.36	1.07	0.69	0.41	0.38	57.6	55	0.78	YT5_9
33	1.32	2	144	95	0.18	1.05	0.74	1.05	0.46	-0.51	0.31	68.1	68.1	0.85	YT5_10
34	0.7	2	144	173	0.13	1.48	3.7	1.73	3.32	0.49	0.35	43.1	59.3	0.08	YT5_11
35	1.17	2	144	177	0.13	1.07	0.68	1.1	0.86	-0.12	0.43	50.7	53	0.8	YT5_12

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
1	-1.42	1	157	284	0.18	1.25	1.29	1.09	0.34	0	0.37	85.4	83.3	0.9	ZT1_1
2	-1.96	1	157	303	0.25	0.73	-0.77	0.12	-0.75	0	0.39	94.9	93.9	1.13	ZT1_2
3	0.09	1	156	207	0.13	1.54	4.02	1.96	4.08	0	0.39	48.1	60.8	0.46	ZT1_3
4	-0.77	1	155	263	0.15	1.34	1.96	2.28	1.81	0	0.4	76.8	78.6	0.76	ZT1_4
5	-2	1	155	298	0.25	1.07	0.32	2.28	1.39	0	0.25	92.9	93.3	0.94	ZT1_5
6	-1.78	1	156	298	0.23	0.94	-0.11	0.41	-0.35	0	0.37	92.3	92.5	1.04	ZT1_6
7	-1.28	1	156	285	0.18	0.75	-1.26	0.74	-0.07	0	0.49	85.3	84.1	1.07	ZT1_7
8	-1.91	1	156	301	0.25	0.9	-0.19	0.47	-0.1	0	0.33	94.9	94.3	1.04	ZT1_8
9	0.17	1	157	210	0.12	1.74	4.79	2.42	3.27	0	0.41	53.5	64.6	0.55	ZT2_1
10	0.88	1	156	152	0.12	1.52	4.64	1.67	4.67	0	0.36	50	54	0.12	ZT2_2
11	-1.74	1	156	298	0.22	0.92	-0.19	0.2	-0.41	0	0.39	92.9	92.1	1.11	ZT2_3
12	-0.7	1	157	263	0.14	1.1	0.65	1.69	1.11	0	0.52	77.7	78.2	0.93	ZT2_4
13	0.63	1	156	172	0.12	1.76	6.14	2.1	5.72	0	0.3	44.2	53.5	0.05	ZT2_5
14	-0.19	1	156	229	0.13	1.63	3.99	2.18	3.21	0	0.39	55.8	68.1	0.58	ZT2_6
15	0.47	1	156	179	0.13	1.83	6.71	1.92	6.09	0	0.21	39.1	54.7	-0.32	ZT2_7
16	-0.02	1	156	198	0.14	1.87	7	1.85	6.53	0	0.03	45.5	60.1	-0.32	ZT2_8
17	-1.18	1	157	284	0.17	0.94	-0.26	0.55	-0.13	0	0.5	85.4	84.6	1.08	ZT3_1
18	-1.35	1	157	289	0.18	0.98	-0.04	0.58	-0.12	0	0.45	87.9	86.6	1.03	ZT3_2
19	-1.12	1	157	282	0.17	0.59	-2.46	0.17	-0.91	0	0.59	86	82.9	1.35	ZT3_3
20	-1.22	1	157	285	0.17	0.73	-1.4	0.21	-0.89	0	0.55	87.3	84.6	1.17	ZT3_4
21	-1.12	1	157	282	0.17	0.81	-1.01	0.46	-0.3	0	0.53	84.7	82.9	1.16	ZT3_5
22	-1.22	1	156	283	0.17	0.85	-0.72	0.51	-0.27	0	0.51	85.9	84.5	1.08	ZT3_6
23	-1.04	1	156	278	0.16	1	0.07	0.56	-0.19	0	0.5	82.1	82.1	1.02	ZT3_7
24	-1.27	1	156	286	0.18	1.09	0.46	1.87	0.98	0	0.42	85.9	85.6	0.91	ZT3_8
25	0.16	1	155	210	0.12	1.23	1.71	1.46	1.43	0	0.55	61.3	64.1	0.85	ZT4_1
26	1.33	1	155	127	0.13	1.25	2.37	1.37	3.01	0	0.42	54.8	56.9	0.54	ZT4_2
27	0.44	1	155	189	0.12	1.14	1.24	1.35	1.49	0	0.58	54.8	59	0.89	ZT4_3
28	0.95	1	150	147	0.12	1.28	2.62	1.41	2.49	0	0.48	47.3	52.3	0.6	ZT4_4
29	0.49	1	150	185	0.11	1.31	2.36	1.24	0.75	0	0.55	56	61.6	0.8	ZT4_5
30	0.72	1	149	164	0.12	1.16	1.43	1.16	0.81	0	0.58	53	55.4	0.88	ZT4_6
31	0.71	1	141	247	0.09	0.94	-0.48	1.26	1.25	0	0.7	53.2	47.8	1.02	ZT5_1
32	0.96	1	142	144	0.12	0.85	-1.5	0.91	-0.46	0	0.66	53.5	50.9	1.12	ZT5_2

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
33	0.73	1	142	246	0.09	0.68	-2.87	0.59	-1.94	0	0.77	52.1	48.4	1.19	ZT5_3
34	0.8	1	134	233	0.09	0.85	-1.19	0.87	-0.52	0	0.72	47	46.7	1.1	ZT5_4
35	0.83	1	132	229	0.09	0.73	-2.37	0.61	-1.97	0	0.75	50.8	46.8	1.18	ZT5_5
36	0.9	1	132	144	0.12	0.81	-1.93	0.79	-1.37	0	0.67	55.3	49.8	1.23	ZT5_6
37	0.74	1	132	243	0.09	0.9	-0.69	0.93	-0.13	0	0.71	56.8	52.4	1.05	ZT5_7
38	0.94	1	131	215	0.09	0.68	-2.91	0.58	-2.15	0	0.77	55.7	46.5	1.23	ZT5_8
39	-0.66	1	145	114	0.22	0.75	-2.2	0.56	-2.28	0	0.6	83.4	80.1	1.33	ZT6_1
40	0.06	1	145	97	0.2	0.92	-0.95	0.89	-0.73	0	0.49	77.2	73.4	1.16	ZT6_2
41	-0.17	1	145	103	0.2	0.75	-2.79	0.65	-2.36	0	0.62	84.1	75.5	1.43	ZT6_3
42	0.15	1	136	91	0.2	0.9	-1.09	0.84	-1.14	0	0.5	77.2	73.3	1.21	ZT6_4
43	-0.63	1	136	108	0.23	0.75	-2.06	0.62	-1.84	0	0.59	86.8	80.9	1.3	ZT6_5
44	0.54	1	136	81	0.19	0.93	-0.85	0.91	-0.76	0	0.48	72.8	70.1	1.17	ZT6_6
45	-0.52	1	136	106	0.23	0.71	-2.6	0.55	-2.41	0	0.64	87.5	79.9	1.38	ZT6_7
46	0.54	1	136	81	0.19	0.85	-2.03	0.89	-0.94	0	0.54	80.1	70.1	1.36	ZT6_8
47	-0.02	1	128	312	0.12	0.96	-0.22	0.83	-0.43	0	0.58	64.1	63.5	1.03	ZT7_1
48	0.25	1	128	287	0.11	0.92	-0.56	0.83	-0.68	0	0.63	56.3	55.9	1.06	ZT7_2
49	0.12	1	127	303	0.11	1.29	1.68	1.47	1.35	0	0.49	58.3	63.7	0.86	ZT7_3
50	0.13	1	124	296	0.11	0.82	-1.16	0.69	-1.09	0	0.61	62.1	59.5	1.09	ZT7_4
51	-0.03	1	124	305	0.12	0.89	-0.67	0.81	-0.5	0	0.57	66.1	63.3	1.06	ZT7_5
52	0.24	1	124	287	0.11	0.72	-2.01	0.73	-1.14	0	0.65	65.3	57.1	1.16	ZT7_6
53	0.21	1	124	282	0.11	0.82	-1.34	0.7	-1.59	0	0.63	51.6	53.4	1.16	ZT7_7
54	0.4	1	124	366	0.09	0.95	-0.31	0.92	-0.29	0	0.63	41.9	45.1	1	ZT7_8
55	-0.46	1	129	226	0.17	0.69	-1.75	0.48	-1.27	0	0.55	82.9	79.4	1.13	ZT8_1
56	-0.99	1	129	244	0.22	0.56	-1.62	0.13	-1.39	0	0.49	95.3	90.8	1.17	ZT8_2
57	-0.43	1	129	227	0.17	0.64	-2.01	0.39	-1.35	0	0.57	82.2	80.1	1.15	ZT8_3
58	-0.27	1	129	221	0.15	0.71	-1.77	0.51	-1.06	0	0.57	79.8	76.3	1.14	ZT8_4
59	-0.55	1	129	231	0.17	0.61	-2.09	1.07	0.31	0	0.55	86	82.6	1.14	ZT8_5
60	-0.29	1	127	219	0.16	0.74	-1.48	0.47	-1.16	0	0.55	80.3	76.8	1.13	ZT8_6
61	-0.3	1	128	222	0.16	0.82	-0.98	0.65	-0.58	0	0.51	80.5	77.8	1.08	ZT8_7
62	-0.36	1	128	225	0.16	0.77	-1.19	0.4	-1.11	0	0.53	83.6	80.2	1.13	ZT8_8
63	0.63	1	129	165	0.12	0.85	-1.41	0.93	-0.32	0	0.6	53.5	51.5	1.13	ZT9_1
64	0.59	1	129	165	0.13	0.94	-0.51	0.92	-0.47	0	0.56	52.7	50.9	1.09	ZT9_2

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
65	0.37	1	129	188	0.12	1.04	0.38	1.18	0.56	0	0.51	60.5	60	0.96	ZT9_3
66	0.26	1	128	189	0.13	0.75	-2.12	0.61	-1.76	0	0.64	68.8	59.5	1.2	ZT9_4
67	0.39	1	127	182	0.13	0.92	-0.62	0.82	-0.68	0	0.56	59.1	58.3	1.07	ZT9_5
68	0.34	1	127	184	0.13	0.87	-1.04	0.77	-0.94	0	0.58	60.6	58.3	1.1	ZT9_6
69	0.49	1	126	175	0.13	0.84	-1.41	0.69	-1.4	0	0.61	62.7	56.1	1.15	ZT9_7
70	0.62	1	126	162	0.13	0.9	-0.96	0.88	-0.73	0	0.58	53.2	50.3	1.14	ZT9_8
71	-0.14	1	124	198	0.16	0.84	-1.16	0.68	-1.66	0	0.54	66.1	65.3	1.17	ZT10_1
72	-0.04	1	122	311	0.12	0.64	-2.28	0.39	-1.61	0	0.6	69.7	66.8	1.14	ZT10_2
73	0.01	1	123	303	0.12	0.88	-0.73	0.9	-0.31	0	0.53	62.6	60.7	1.05	ZT10_3
74	0.38	1	122	379	0.09	0.87	-0.8	0.71	-1.13	0	0.61	53.3	52.8	1.07	ZT10_4
75	0.15	1	121	508	0.09	0.94	-0.29	0.92	-0.16	0	0.55	53.7	56.1	1.01	ZT10_5
76	0.1	1	100	175	0.17	0.94	-0.2	0.73	-0.38	0	0.37	77	79	1.04	ZT12_1
77	1.07	1	100	123	0.13	0.97	-0.26	1.01	0.11	0	0.47	35	40.1	1.01	ZT12_2
78	0.7	1	100	142	0.14	0.91	-0.69	0.88	-0.53	0	0.49	54	50.1	1.11	ZT12_3
79	1.42	1	99	100	0.14	0.92	-0.78	0.9	-0.72	0	0.53	41.4	39.4	1.18	ZT12_4
80	0.89	1	97	133	0.13	0.95	-0.45	0.83	-0.56	0	0.48	46.4	45.2	1.06	ZT12_5
81	1.28	1	96	107	0.13	0.82	-1.9	0.75	-1.57	0	0.59	37.5	35.5	1.25	ZT12_6
82	0.2	1	98	170	0.17	0.97	-0.07	0.67	-0.5	0	0.38	76.5	76.2	1.04	ZT12_7
83	0.5	1	98	155	0.15	0.88	-0.77	0.87	-0.28	0	0.45	65.3	62.4	1.07	ZT12_8
84	0.75	1	98	142	0.13	0.87	-1.06	0.7	-1.11	0	0.51	51	52.8	1.12	ZT12_9
85	0.84	1	96	135	0.13	0.88	-1.08	0.83	-0.59	0	0.49	47.9	46.6	1.1	ZT12_10
86	0.94	1	94	128	0.13	0.78	-2.13	0.67	-1.38	0	0.57	46.8	41.8	1.21	ZT12_11
87	0.6	1	94	147	0.14	0.93	-0.46	0.86	-0.27	0	0.41	59.6	59.3	1.04	ZT12_12

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
1	0.91	1	234	446	0.07	0.86	-1.69	0.81	-1.87	0	0.62	40.2	40	1.17	ZT1_1
2	1.09	1	234	411	0.07	0.8	-2.7	0.8	-2.09	0	0.66	38.9	36.5	1.27	ZT1_2
3	0.73	2	234	556	0.07	0.79	-2.38	0.79	-1.3	-0.29	0.61	55.6	49	1.26	ZT1_3
4	0.77	1	224	476	0.08	0.89	-1.14	0.84	-1.36	0	0.59	43.3	45.9	1.11	ZT1_4
5	1.02	1	224	582	0.06	1.1	1.09	1.28	2.18	0	0.54	27.7	35.9	0.83	ZT1_5
6	1.4	1	223	451	0.06	0.93	-0.81	0.95	-0.48	0	0.62	35.4	31.9	1.08	ZT1_6
7	0.67	1	222	491	0.08	0.89	-1.07	0.95	-0.26	0	0.59	49.5	46.8	1.08	ZT1_7
8	0.4	2	222	672	0.07	1.47	3.37	1.43	2.27	0.24	0.59	51.4	50.9	0.8	ZT1_8
9	0.44	1	235	163	0.15	1.1	1.52	1.12	1.28	0	0.2	68.5	72.2	0.77	ZT2_1
10	0.13	1	235	176	0.16	1	0	0.97	-0.26	0	0.32	77.9	76.6	1.01	ZT2_2
11	0.1	1	235	177	0.16	1.02	0.28	1.03	0.3	0	0.29	77.4	77	0.96	ZT2_3
12	1.01	1	228	133	0.14	1.18	3.61	1.21	3.1	0	0.11	56.6	65.3	0.27	ZT2_4
13	0.77	1	227	144	0.15	1.08	1.48	1.08	1.07	0	0.23	62.1	67.9	0.75	ZT2_5
14	-0.17	1	227	182	0.17	1	0.05	1	0.03	0	0.29	80.6	81	1	ZT2_6
15	0.63	1	235	329	0.09	1.13	1.55	1.15	1.22	0	0.39	54.5	54.1	0.86	ZT3_1
16	0.16	2	235	330	0.11	1.18	1.36	1.42	1.57	0.56	0.52	57	73.5	-0.12	ZT3_2
17	1.33	2	235	322	0.1	1.31	3.83	1.31	3.69	-0.89	0.55	35.7	52.6	0.6	ZT3_3
18	0.44	2	232	345	0.1	0.73	-2.91	1.25	1.4	0.11	0.46	62.9	64.3	0.41	ZT3_4
19	0.95	2	230	368	0.09	0.87	-1.84	0.8	-2.23	-0.81	0.54	46.1	45.1	1.62	ZT3_5
20	0.49	2	229	235	0.1	2.07	7.71	4.67	8.01	0.87	0.33	46.3	67.4	-1.25	ZT3_6
21	0.64	1	229	301	0.11	0.85	-2.02	0.82	-2.21	0	0.57	55.5	52.7	1.31	ZT3_7
22	0.42	1	228	323	0.11	0.9	-1.21	0.89	-1.15	0	0.51	61.8	55.2	1.17	ZT3_8
23	1.35	1	228	595	0.05	0.93	-0.81	0.95	-0.49	0	0.67	29.4	29.9	1.09	ZT3_9
24	0.72	2	228	346	0.09	0.57	-6	0.5	-4.32	-0.21	0.59	63.6	53	0.93	ZT3_10
25	1.28	1	228	475	0.05	1.11	1.35	1.15	1.29	0	0.57	29.4	29	0.88	ZT3_11
26	1.55	1	228	396	0.06	1.31	3.38	1.35	2.93	0	0.48	32.9	31.3	0.64	ZT3_12
27	1.29	1	235	244	0.09	1.02	0.25	1.01	0.1	0	0.46	43.4	41.8	0.97	ZT4_1
28	0.08	1	235	363	0.11	0.8	-2.2	0.72	-2.55	0	0.59	65.5	63	1.22	ZT4_2
29	0.36	1	235	340	0.11	0.83	-2.04	0.79	-2.14	0	0.58	59.6	56.9	1.23	ZT4_3
30	0.82	1	231	300	0.09	1.06	0.85	1.11	1.12	0	0.42	49.4	47.7	0.9	ZT4_4
31	0.38	1	230	327	0.11	0.82	-2.28	0.78	-2.42	0	0.58	63.9	55.6	1.3	ZT4_5
32	1.35	1	230	235	0.09	1.11	1.69	1.08	0.94	0	0.4	39.1	38.7	0.8	ZT4_6
33	0.77	1	230	279	0.11	0.87	-1.67	0.87	-1.71	0	0.53	62.2	57.9	1.22	ZT4_7
34	0.75	1	228	282	0.11	0.98	-0.23	0.98	-0.23	0	0.42	53.5	56.4	1.03	ZT4_8
35	1.44	1	227	563	0.05	0.97	-0.3	0.94	-0.62	0	0.65	30.4	30.6	1.07	ZT4_9
36	1.53	1	227	447	0.06	1.36	3.92	1.37	3.39	0	0.45	29.1	33.8	0.52	ZT4_10
37	1.08	1	227	524	0.06	1.01	0.14	0.96	-0.28	0	0.61	28.6	30.1	1	ZT4_11
38	1.58	1	226	384	0.06	1.18	2.09	1.21	1.93	0	0.53	31	32.2	0.77	ZT4_12

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
1	0.91	2	112	235	0.11	0.89	-0.89	0.83	-1.14	-0.21	0.63	31.3	39.1	1.38	ZT1_1
2	0.77	2	112	235	0.11	0.86	-0.96	0.78	-1.29	-0.01	0.67	40.2	43.3	1.11	ZT1_2
3	1.02	2	112	295	0.09	0.92	-0.54	0.95	-0.25	-0.06	0.64	41.1	36.5	1.14	ZT1_3
4	0.67	2	107	239	0.11	0.89	-0.75	0.82	-0.84	-0.01	0.62	47.7	46.5	1.17	ZT1_4
5	0.8	1	106	233	0.11	0.64	-2.71	0.54	-2.46	0	0.71	55.7	46.3	1.23	ZT1_5
6	1.18	1	106	262	0.09	0.91	-0.67	1.08	0.54	0	0.61	28.3	32.8	1.03	ZT1_6
7	0.86	1	105	292	0.09	0.63	-2.96	0.64	-2.3	0	0.72	37.1	35.8	1.3	ZT1_7
8	0.94	1	105	284	0.09	0.97	-0.18	1.04	0.28	0	0.59	28.6	31.7	1	ZT1_8
9	0.44	2	115	77	0.21	1.14	1.45	1.19	1.47	0.13	0.2	67.8	72.2	0.68	ZT2_1
10	0.13	2	115	90	0.23	0.91	-0.71	0.9	-0.61	-0.2	0.31	80	76.6	1.13	ZT2_2
11	0.1	2	115	87	0.23	1.02	0.22	1.02	0.15	0	0.28	75.7	77	0.97	ZT2_3
12	1.01	2	114	58	0.2	1.19	2.86	1.2	2.22	0.33	0.14	50	65.1	0.18	ZT2_4
13	0.77	2	114	65	0.2	1.15	1.97	1.16	1.54	0.3	0.22	60.5	67.6	0.51	ZT2_5
14	-0.17	2	113	85	0.25	1.16	1.1	1.32	1.53	0.32	0.29	76.1	80.7	0.79	ZT2_6
15	0.34	1	115	82	0.22	0.9	-0.97	0.82	-1.33	0	0.46	74.8	73.6	1.22	ZT3_1
16	0.34	1	115	82	0.22	0.87	-1.35	0.77	-1.77	0	0.51	74.8	73.6	1.29	ZT3_2
17	-0.01	1	115	89	0.23	0.89	-0.85	0.75	-1.52	0	0.48	79.1	78.6	1.19	ZT3_3
18	1.29	2	115	115	0.13	1.09	0.94	1.24	1.96	0.08	0.21	49.6	40.6	0.1	ZT4_1
19	0.08	2	115	169	0.16	1.01	0.12	1.07	0.49	0.23	0.57	67.8	63.3	0.99	ZT4_2
20	0.36	2	114	164	0.15	1.03	0.27	0.92	-0.47	0.05	0.56	58.8	58.5	1.13	ZT4_3
21	0.82	2	112	144	0.13	1.33	2.75	1.35	2.34	0.05	0.36	41.1	48.4	0.82	ZT4_4
22	0.38	2	111	159	0.16	1.11	0.91	1.08	0.61	-0.01	0.43	56.8	55.7	0.95	ZT4_5
23	1.35	2	111	128	0.12	1	0.07	0.96	-0.29	-0.2	0.41	40.5	38.1	0.79	ZT4_6
24	0.77	2	109	133	0.16	1	0	1	0	0.02	0.4	59.6	57	1.01	ZT4_7
25	0.75	2	110	140	0.16	1.08	0.71	1.06	0.54	-0.08	0.39	50.9	55.6	0.91	ZT4_8
26	1.44	2	109	256	0.08	0.91	-0.76	0.94	-0.4	0.11	0.63	31.2	29.9	1.15	ZT4_9
27	1.53	2	109	215	0.09	1.87	5.76	1.92	5.3	0.03	0.29	21.1	33.5	-0.08	ZT4_10
28	1.08	2	109	255	0.08	0.85	-1.32	0.83	-1.12	0.02	0.69	23.9	26.4	1.25	ZT4_11
29	1.58	2	109	208	0.08	1.12	1.06	1.18	1.22	-0.13	0.53	31.2	30.9	0.84	ZT4_12
30	0.54	1	115	172	0.13	1.1	0.78	1.12	0.56	0	0.43	65.2	62.2	0.94	ZT5_1
31	0.52	1	115	170	0.14	1.05	0.38	1.23	1.15	0	0.44	62.6	60.3	0.96	ZT5_2
32	0.25	1	115	182	0.15	0.9	-0.62	0.77	-1.02	0	0.54	68.7	66.5	1.09	ZT5_3

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
33	0.24	1	110	159	0.16	0.96	-0.29	0.95	-0.37	0	0.41	56.4	57.1	1.05	ZT5_4
34	0.56	1	110	160	0.14	1.09	0.76	1	0.06	0	0.38	57.3	56.1	0.93	ZT5_5
35	0.36	1	110	174	0.15	1	0.08	0.87	-0.51	0	0.45	64.5	64.5	1.02	ZT5_6
36	0.56	1	110	153	0.15	0.96	-0.32	0.92	-0.6	0	0.46	52.7	52.4	1.09	ZT5_7
37	-0.18	1	109	183	0.18	0.97	-0.13	0.83	-0.74	0	0.42	68.8	72.2	1.05	ZT5_8
38	0.99	1	109	267	0.09	0.94	-0.49	0.94	-0.35	0	0.61	23.9	26.2	1.05	ZT5_9
39	1.46	1	109	191	0.08	0.91	-0.74	0.89	-0.64	0	0.59	34.9	31.8	1.09	ZT5_10
40	1.39	1	114	174	0.08	1.75	5.52	2.99	2.02	0	0.3	31.6	40.3	-0.38	ZT5_11
41	1.68	1	113	127	0.08	1.24	2.08	2.09	1.44	0	0.42	32.7	37.5	0.65	ZT5_12

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	1.09	2	124	298	0.09	0.91	-0.81	0.82	-1.35	-0.71	0.66	31.5	35.6	1.63	ZT1_1
2	0.98	1	124	241	0.1	0.84	-1.41	0.87	-0.86	0	0.61	35.5	38.6	1.15	ZT1_2
3	0.73	2	124	314	0.1	0.63	-3.06	0.48	-2.73	-0.41	0.66	48.4	48.6	1.49	ZT1_3
4	0.22	1	118	290	0.14	0.79	-1.27	0.69	-1.82	0	0.62	64.4	58.1	1.16	ZT1_4
5	0.58	1	117	366	0.1	0.98	-0.05	1.05	0.31	0	0.52	39.3	45.5	0.95	ZT1_5
6	1.4	2	117	297	0.08	1.05	0.46	1.01	0.1	-0.3	0.57	34.2	30.7	0.97	ZT1_6
7	0.29	1	117	308	0.13	0.72	-1.28	0.51	-1.49	0	0.62	76.1	75.3	1.09	ZT1_7
8	0.4	2	117	376	0.11	1.2	1.11	1.09	0.46	0.17	0.63	47.9	55.9	0.96	ZT1_8
9	1.01	1	129	76	0.19	1.07	1.04	1.07	0.86	0	0.25	59.7	65.6	0.75	ZT2_1
10	0.52	1	129	89	0.2	1.06	0.64	1.08	0.76	0	0.25	71.3	71.8	0.87	ZT2_2
11	0.12	1	129	98	0.22	1.04	0.41	1.02	0.16	0	0.28	76	77.7	0.95	ZT2_3
12	1.01	2	125	89	0.19	1.03	0.54	1.02	0.33	-0.55	0.13	60.8	65.4	0.88	ZT2_4
13	0.77	2	125	88	0.2	0.97	-0.35	0.94	-0.63	-0.27	0.26	67.2	68.3	1.1	ZT2_5
14	-0.17	2	125	95	0.24	1.24	1.6	1.26	1.32	0.36	0.27	76.8	82.1	0.75	ZT2_6
15	0.39	1	129	92	0.21	0.93	-0.76	0.87	-1.02	0	0.43	73.6	73.7	1.16	ZT3_1
16	0.9	1	129	79	0.19	0.87	-1.99	0.86	-1.66	0	0.49	70.5	66.8	1.45	ZT3_2
17	0.39	1	129	92	0.21	0.91	-0.96	0.82	-1.5	0	0.46	73.6	73.7	1.21	ZT3_3
18	0.1	2	129	171	0.16	1.92	3.65	3.93	4.47	0.85	0.44	57.4	81.3	-0.9	ZT4_1
19	0.7	2	129	213	0.13	0.86	-1.25	0.96	-0.2	-0.56	0.41	62.8	54.2	1.21	ZT4_2
20	1.42	2	129	142	0.12	0.7	-3.84	0.69	-3	-0.18	0.53	54.3	39.5	0.93	ZT4_3
21	0.89	2	126	193	0.11	0.51	-5.61	0.47	-3.63	-0.27	0.56	65.1	48.7	0.41	ZT4_4
22	1.28	2	126	172	0.11	1.01	0.16	1.03	0.25	-0.4	0.33	29.4	35.3	0.62	ZT4_5
23	0.64	1	126	187	0.13	0.82	-1.52	0.72	-1.64	0	0.58	64.3	56.2	1.17	ZT4_6
24	0.52	1	125	184	0.14	0.76	-2.13	0.7	-2.21	0	0.62	62.4	56.6	1.31	ZT4_7
25	1.18	1	125	145	0.12	1.03	0.32	1.03	0.34	0	0.41	39.2	40.7	0.95	ZT4_8
26	1.68	1	125	211	0.08	1	0.02	0.98	-0.09	0	0.57	29.6	31.3	0.98	ZT4_9
27	1.07	2	125	138	0.11	0.76	-2.67	0.81	-1.39	0.25	0.43	53.6	40.5	-0.12	ZT4_10
28	1.5	1	129	183	0.08	1.32	2.79	1.51	0.88	0	0.46	31	34.8	0.43	ZT5_1
29	1.37	1	129	207	0.08	1.57	4.42	2.34	1.78	0	0.38	33.3	37.4	0	ZT5_2
30	0.63	2	129	170	0.13	0.89	-0.97	0.93	-0.39	0.23	0.51	55.8	55.7	0.65	ZT6_1
31	0.16	2	129	168	0.15	1.3	1.53	1.69	1.83	0.81	0.62	54.3	77.4	-0.69	ZT6_2
32	1.33	2	129	160	0.14	1.13	1.26	1.1	0.96	-0.49	0.61	39.5	52.2	0.99	ZT6_3
33	0.44	2	125	179	0.14	0.77	-1.69	1.03	0.19	0.35	0.48	60.8	65.5	0.18	ZT6_4
34	0.95	2	125	189	0.12	0.76	-2.64	0.71	-2.66	-0.46	0.52	49.6	45.8	1.53	ZT6_5
35	0.49	2	125	138	0.13	1.93	5.03	3.17	4.68	0.85	0.32	45.6	67.7	-1.73	ZT6_6
36	0.64	2	125	168	0.14	0.73	-2.75	0.71	-2.77	0.03	0.48	64	53.4	1.37	ZT6_7
37	0.42	2	125	181	0.15	1.02	0.23	0.96	-0.24	0.02	0.55	60.8	55.9	1.14	ZT6_8
38	1.35	2	124	332	0.07	0.89	-0.96	0.83	-1.39	0.05	0.73	35.5	28.1	1.34	ZT6_9
39	0.72	2	124	193	0.12	0.75	-2.26	0.69	-1.84	-0.17	0.43	58.1	53.5	0.9	ZT6_10
40	1.28	2	124	246	0.07	0.97	-0.24	1.07	0.51	0.15	0.57	33.1	27.1	0.8	ZT6_11
41	1.55	2	123	184	0.08	1.14	1.29	1.25	1.8	0.26	0.45	26	28.1	0.64	ZT6_12

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-1.29	1	89	156	0.23	0.98	-0.03	0.82	-0.57	0	0.41	74.2	78	1.03	WT1_1
2	-0.95	1	89	158	0.21	0.9	-0.31	0.97	0.06	0	0.43	82	81.6	1.03	WT1_2
3	-1.18	1	89	159	0.23	0.84	-0.57	0.68	-0.89	0	0.51	83.1	81.4	1.1	WT1_3
4	-1.13	1	88	156	0.23	0.83	-0.63	0.6	-1.26	0	0.53	81.8	80.7	1.11	WT1_4
5	-1.2	1	88	161	0.25	0.89	-0.26	0.62	-0.78	0	0.46	88.6	86.8	1.06	WT1_5
6	-0.69	1	88	150	0.19	0.97	-0.08	0.72	-0.8	0	0.46	71.6	76	1.04	WT1_6
7	-0.37	1	88	139	0.17	1.09	0.6	1	0.09	0	0.39	61.4	63.2	0.95	WT1_7
8	-0.37	1	88	139	0.17	1.01	0.12	1.03	0.18	0	0.43	65.9	63.2	1	WT1_8
9	-1.06	1	88	160	0.23	0.78	-0.7	0.4	-1.43	0	0.54	87.5	85.1	1.11	WT1_9
10	-1.42	1	88	165	0.28	0.78	-0.49	0.38	-1.25	0	0.52	92	91.6	1.09	WT1_10
11	-1.08	1	87	317	0.16	1.08	0.38	0.96	0.04	0	0.48	75.9	74.9	0.99	WT2_1
12	-0.48	1	87	299	0.13	0.89	-0.44	0.79	-0.56	0	0.58	59.8	61.5	1.05	WT2_2
13	-0.95	1	87	303	0.14	1.04	0.25	0.97	0	0	0.49	58.6	60.7	0.98	WT2_3
14	-0.79	1	86	314	0.16	0.94	-0.18	0.73	-0.52	0	0.5	75.6	74.9	1.03	WT2_4
15	-1.09	1	86	311	0.17	0.85	-0.57	0.75	-0.74	0	0.57	75.6	70.2	1.07	WT2_5
16	-0.71	1	86	305	0.15	0.82	-0.9	0.77	-0.7	0	0.57	65.1	62.4	1.09	WT2_6
17	-1	1	86	310	0.15	0.96	-0.05	0.97	0.05	0	0.5	70.9	71.4	1.01	WT2_7
18	-1.06	1	86	316	0.16	0.99	0.07	0.91	-0.03	0	0.5	77.9	77.3	1.01	WT2_8
19	0.12	1	89	725	0.06	0.76	-1.32	0.85	-0.5	0	0.78	28.1	28.5	1.09	WT3_1
20	0.1	1	89	1075	0.05	1.34	1.53	1.31	1.02	0	0.76	31.5	24.7	0.88	WT3_2
21	0.22	1	89	1480	0.04	1.25	1.23	1.34	0.8	0	0.8	20.2	20.9	0.83	WT3_3
22	0.18	1	89	291	0.13	1.25	1.32	1.36	1.83	0	0.38	51.7	50.4	0.81	WT4_1
23	1.08	1	89	431	0.06	2.4	6.62	2.95	6.86	0	0.49	13.5	23.3	0.06	WT4_2
24	0.55	1	85	140	0.1	0.8	-1.57	0.65	-1.56	0	0.68	35.3	33.4	1.16	WT5_1
25	1.03	1	85	130	0.1	0.87	-0.91	0.84	-0.86	0	0.68	41.2	33.2	1.18	WT5_2
26	0.39	1	85	213	0.09	0.74	-1.83	0.54	-1.36	0	0.73	49.4	44.2	1.14	WT5_3
27	0.51	1	78	143	0.1	0.7	-2.38	0.54	-1.72	0	0.68	44.9	38.7	1.21	WT5_4
28	0.62	1	78	177	0.09	0.58	-3.38	0.48	-2.39	0	0.75	34.6	32.3	1.26	WT5_5
29	1.03	1	77	154	0.08	0.87	-0.84	0.75	-1.21	0	0.69	39	28.3	1.17	WT5_6
30	0.93	1	77	168	0.08	0.73	-1.83	0.62	-1.59	0	0.73	35.1	29.6	1.19	WT5_7
31	0.58	1	77	135	0.1	0.79	-1.65	0.63	-1.39	0	0.65	36.4	32.2	1.16	WT5_8
32	0.65	1	77	170	0.09	0.72	-2.06	0.58	-1.76	0	0.71	35.1	31.3	1.26	WT5_9
33	0.39	1	77	204	0.09	0.74	-1.84	0.61	-1.44	0	0.69	35.1	36.6	1.16	WT5_10
34	0.93	1	89	493	0.04	0.9	-0.52	1.52	1.35	0	0.79	25.8	26.5	0.98	WT6_1

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
35	1.01	1	89	567	0.04	1.32	1.57	2.83	2.68	0	0.77	24.7	27.3	0.84	WT6_2
36	1.04	1	89	858	0.03	1.57	2.42	9.9	3.85	0	0.79	34.8	36.8	0.71	WT6_3
37	0.61	1	84	44	0.23	0.85	-2.23	0.82	-1.97	0	0.52	70.2	63.7	1.74	WT7_1
38	1.04	1	84	36	0.23	1.03	0.46	1.34	2.9	0	0.24	65.5	64.5	0.69	WT7_2
39	0	1	84	55	0.24	0.89	-1.2	0.9	-0.76	0	0.45	76.2	69.2	1.29	WT7_3
40	0.69	1	79	41	0.24	1.14	1.98	1.14	1.38	0	0.15	51.9	63.3	0.29	WT7_4
41	0.77	1	79	39	0.24	1.13	1.77	1.37	3.33	0	0.13	55.7	63.2	0.19	WT7_5
42	1.29	1	79	30	0.24	1.01	0.1	1.03	0.26	0	0.29	70.9	66.3	0.95	WT7_6
43	0.66	1	79	41	0.24	1.13	1.81	1.35	3.23	0	0.12	58.2	63.3	0.18	WT7_7
44	0.37	1	79	46	0.24	0.93	-0.87	0.92	-0.78	0	0.41	70.9	64.9	1.29	WT7_8

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-1.29	2	181	306	0.15	1.11	0.8	1.12	0.6	-0.07	0.44	75.9	74	0.95	WT1_1
2	-1.2	2	181	302	0.15	1	0.03	0.94	-0.05	0.22	0.57	78.2	80.1	0.94	WT1_2
3	-0.69	2	181	302	0.13	0.69	-2.47	0.57	-1.85	-0.29	0.57	77.6	73.2	1.14	WT1_3
4	-0.37	2	180	306	0.12	0.83	-1.48	0.68	-1.65	-0.71	0.53	69.9	64	1.24	WT1_4
5	-0.37	2	180	304	0.12	0.73	-2.41	0.71	-1.46	-0.67	0.55	68.8	64	1.25	WT1_5
6	-1.06	2	180	324	0.15	0.69	-2.01	0.71	-0.76	-0.44	0.48	84.4	80.2	1.04	WT1_6
7	-1.42	2	180	292	0.17	1.63	2.88	1.72	1.53	0.64	0.56	75.1	83.2	0.53	WT1_7
8	-1	1	180	303	0.15	0.91	-0.49	1.44	1.27	0	0.54	80.3	77.5	1.03	WT1_8
9	-0.66	1	179	279	0.13	1.13	0.98	1.03	0.2	0	0.5	68	68.8	0.93	WT1_9
10	-1.18	2	179	320	0.15	0.74	-1.83	0.48	-2.28	-0.4	0.5	84.9	77.6	1.26	WT1_10
11	-1.13	2	179	308	0.15	1.02	0.2	0.73	-1.12	-0.15	0.49	76.7	75.3	1.15	WT1_11
12	-1.08	2	181	573	0.1	1.43	2.37	1.85	2.27	0.36	0.66	64.9	69.3	0.92	WT2_1
13	-0.48	2	181	565	0.09	0.82	-1.26	1.03	0.21	0.01	0.68	63.2	60.7	1.04	WT2_2
14	-0.95	2	181	583	0.1	1.35	2.29	1.03	0.23	0.04	0.63	58.6	59.3	1.07	WT2_3
15	-0.46	1	179	706	0.08	0.9	-0.62	0.79	-0.62	0	0.69	57.6	57.3	1.03	WT2_4
16	-0.37	1	179	693	0.08	0.93	-0.41	0.95	-0.06	0	0.69	59.9	56.7	1.02	WT2_5
17	-1.04	1	178	462	0.12	0.73	-1.61	0.48	-1.01	0	0.61	78.9	79	1.1	WT2_6
18	-0.78	1	178	445	0.11	1.1	0.64	1.53	1.26	0	0.56	74.9	74.4	0.95	WT2_7
19	0.18	2	181	637	0.09	2.61	9.13	2.9	9.9	-0.56	0.64	16.1	48.9	-0.74	WT3_1
20	0.55	2	181	261	0.08	0.95	-0.5	1.64	2.29	0.12	0.65	50	47.9	0.94	WT4_1
21	1.03	2	181	299	0.07	0.79	-2	0.91	-0.5	-0.11	0.75	44.3	38	0.88	WT4_2
22	0.39	2	181	422	0.06	0.6	-4	0.58	-1.24	-0.01	0.74	54.6	48.6	0.96	WT4_3
23	1.03	2	170	308	0.06	0.79	-1.85	1.2	1.07	0.12	0.75	36.2	36.7	0.81	WT4_4
24	0.62	2	170	354	0.07	0.64	-3.57	1.08	0.41	0.02	0.72	50.9	45.4	0.99	WT4_5
25	0.93	2	170	265	0.06	1	0.02	2.1	3.48	0.36	0.74	37.4	39.8	0.43	WT4_6

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-1.29	2	112	191	0.23	1.69	2.79	2.53	3.17	0.5	0.41	67.4	78.6	0.47	WT1_1
2	-0.37	2	112	208	0.18	0.77	-1.47	0.58	-1.24	-1.03	0.37	69.6	68.6	1.28	WT1_2
3	-0.37	2	112	203	0.18	0.73	-1.73	0.46	-1.72	-0.73	0.44	75	68.6	1.36	WT1_3
4	-0.95	2	112	206	0.21	1.13	0.62	0.88	-0.04	-0.21	0.29	70.7	78.7	0.79	WT1_4
5	-1.02	1	112	201	0.21	1.03	0.22	0.89	-0.11	0	0.41	76.1	78.1	1	WT1_5
6	-1.42	2	112	179	0.26	3.89	5.73	4.27	2.77	1.24	0.53	69.6	87.8	-0.12	WT1_6
7	-0.66	2	112	167	0.19	1.83	3.75	1.65	1.62	0.76	0.6	60.9	72.4	0.57	WT1_7
8	-1.13	2	112	195	0.22	1.66	2.58	1.39	0.96	0.33	0.39	72.8	79.3	0.67	WT1_8
9	-0.76	1	112	194	0.2	0.96	-0.16	0.82	-0.41	0	0.47	72.8	73.1	1.03	WT1_9
10	-1.14	1	112	203	0.22	1.15	0.71	0.72	-0.53	0	0.38	77.2	80.2	0.97	WT1_10
11	-0.49	1	112	191	0.18	0.76	-1.37	0.62	-0.71	0	0.52	76.1	72.3	1.13	WT1_11
12	-0.48	2	112	382	0.13	1.17	0.87	1.95	1.89	0.1	0.54	64.1	64.6	0.83	WT2_1
13	-0.95	2	112	389	0.14	1.12	0.65	1.17	0.58	0.14	0.56	60.9	65	1.05	WT2_2
14	-0.46	2	112	461	0.11	1.18	0.9	2.62	2.18	0.29	0.61	56.5	63.8	0.51	WT2_3
15	-0.78	2	110	288	0.16	1.22	0.99	1.75	1.07	0.29	0.48	71.1	75.4	0.78	WT2_4
16	-0.47	1	110	386	0.12	0.77	-1.14	0.88	0.02	0	0.53	70	68.3	1.06	WT2_5
17	-0.27	1	110	471	0.11	0.96	-0.13	1.69	1.37	0	0.56	62.2	64.2	0.95	WT2_6
18	-0.83	1	110	290	0.16	0.94	-0.29	2.16	1.8	0	0.48	64.4	68.4	0.95	WT2_7
19	0.18	2	110	477	0.13	2.94	7.79	2.81	7.6	-1.47	0.46	15.4	49.2	-1.26	WT3_1
20	-0.79	1	111	93	0.29	1.25	1.53	1.78	2.23	0	0.24	80.2	81.2	0.62	WT4_1
21	0.18	1	111	79	0.25	1.39	3.23	1.95	4.49	0	0.28	62.6	72.8	0.05	WT4_2

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-1.83	1	105	174	0.22	0.8	-1.03	0.7	-1.09	0	0.67	76.7	73.2	1.17	WT1_1
2	-1.2	2	105	155	0.19	1.03	0.23	0.98	0.08	0.3	0.69	70.9	70.8	0.77	WT1_2
3	-0.69	2	105	159	0.16	0.88	-0.77	1.12	0.46	-0.29	0.65	61.6	59.9	0.93	WT1_3
4	-0.77	1	103	148	0.17	0.8	-1.41	0.72	-1.29	0	0.7	60.7	58.8	1.21	WT1_4
5	-1.53	1	103	173	0.21	1.06	0.31	0.78	-0.41	0	0.58	76.2	77.7	0.99	WT1_5
6	-1.06	2	103	170	0.18	0.78	-1.19	0.63	-0.96	-0.27	0.62	79.8	70.3	1.08	WT1_6
7	-0.88	1	103	148	0.18	1	0.02	0.99	-0.01	0	0.65	61.9	59.9	1.01	WT1_7
8	-1	2	103	148	0.18	1.22	1.19	1.06	0.28	0.32	0.64	51.2	67.2	0.49	WT1_8
9	-0.39	1	103	134	0.17	0.93	-0.47	0.94	-0.28	0	0.69	57.1	53.1	1.1	WT1_9
10	-1.18	2	102	158	0.19	1.08	0.49	1.13	0.52	0.13	0.59	62.7	68.6	0.71	WT1_10
11	-0.38	1	102	135	0.16	1.07	0.55	1.03	0.21	0	0.65	49.4	52.6	0.93	WT1_11
12	-1.08	2	105	304	0.12	1.11	0.67	0.98	0.05	0.22	0.76	55.8	53.8	0.97	WT2_1
13	-0.71	2	105	298	0.11	0.62	-2.56	0.55	-1.82	0.01	0.81	60.5	50.3	1.29	WT2_2
14	-0.74	1	105	305	0.11	1.09	0.55	0.91	-0.11	0	0.74	55.8	55.5	0.97	WT2_3
15	-0.47	1	100	355	0.09	0.75	-1.53	0.72	-0.9	0	0.76	40.7	43.4	1.13	WT2_4
16	-0.37	2	100	372	0.09	0.7	-1.82	0.54	-1.56	-0.23	0.75	45.7	43.4	1.13	WT2_5
17	-1.04	2	100	239	0.14	0.82	-0.99	0.74	-0.36	0.05	0.65	66.7	61.4	1.01	WT2_6
18	-0.79	1	100	231	0.13	0.86	-0.81	0.55	-0.88	0	0.67	63	57.8	1.11	WT2_7
19	-1.3	1	105	410	0.11	1.49	2.56	1.51	1.49	0	0.7	45.3	50.1	0.72	WT3_1
20	-2.1	1	101	87	0.34	1.73	2.84	2.89	3.49	0	0.09	76.8	86.3	0.27	WT4_1
21	-2.46	1	103	91	0.36	1.2	0.84	1.37	0.89	0	0.36	85.7	88.4	0.83	WT4_2

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-0.99	1	104	174	0.2	1.01	0.1	0.93	-0.18	0	0.58	79.8	77.5	1.01	XT1_1
2	-0.96	1	105	182	0.21	0.68	-1.31	0.61	-0.92	0	0.7	84.8	84.7	1.11	XT1_2
3	-1.09	1	104	179	0.21	0.99	0.05	0.79	-0.56	0	0.61	82.7	81.2	1.03	XT1_3
4	-0.95	1	103	182	0.21	0.81	-0.64	0.54	-0.97	0	0.65	88.3	86.4	1.08	XT1_4
5	-1.17	1	103	185	0.23	0.84	-0.47	0.62	-0.75	0	0.63	85.4	86.3	1.07	XT1_5
6	-1.03	1	103	182	0.22	0.98	0.03	0.72	-0.58	0	0.58	86.4	85.9	1.03	XT1_6
7	-0.83	1	102	177	0.2	1	0.1	0.87	-0.15	0	0.56	85.3	84.9	1	XT1_7
8	-0.58	1	103	168	0.18	0.85	-0.73	0.7	-1.07	0	0.63	81.6	75.8	1.09	XT1_8
9	-1.39	1	103	185	0.24	0.93	-0.18	1.16	0.52	0	0.53	85.4	85	1.01	XT1_9
10	-1.27	1	103	185	0.24	0.71	-1.06	0.49	-1.32	0	0.67	90.3	85.9	1.12	XT1_10
11	-1.02	1	104	370	0.17	1.54	1.69	1.53	1.27	0	0.63	78.8	79.8	0.88	XT2_1
12	-0.71	1	104	348	0.13	0.68	-1.66	0.57	-1.47	0	0.77	66.3	63.4	1.11	XT2_2
13	-0.64	1	103	344	0.14	1.03	0.23	0.99	0.07	0	0.71	69.9	63.3	0.99	XT2_3
14	-0.77	1	103	364	0.15	1.21	0.78	0.8	-0.37	0	0.7	79.6	79.5	1.01	XT2_4
15	-0.38	1	100	333	0.12	0.72	-1.28	0.73	-0.73	0	0.72	67	62.7	1.08	XT2_5
16	-0.76	1	102	356	0.14	0.9	-0.36	0.85	-0.29	0	0.67	72.5	71.8	1.03	XT2_6
17	-0.54	1	102	347	0.14	0.8	-0.81	0.8	-0.64	0	0.7	67.6	65.5	1.06	XT2_7
18	-0.44	1	102	354	0.13	0.91	-0.23	0.61	-0.64	0	0.69	78.4	76.7	1.03	XT2_8
19	0.13	1	107	855	0.05	1.4	2.12	1.4	1.54	0	0.78	36.4	34.9	0.84	XT3_1
20	0.27	1	107	1210	0.04	1.23	1.22	1.3	1.2	0	0.82	28	29.8	0.91	XT3_2
21	0.37	1	107	1666	0.03	1.97	4.25	2.09	3.08	0	0.8	25.2	30.3	0.61	XT3_3
22	0.1	1	106	193	0.21	1.02	0.16	1.01	0.1	0	0.51	76.4	77.2	1	XT4_1
23	1.21	1	106	572	0.06	1.78	4.09	2.08	4.25	0	0.65	20.8	29.3	0.18	XT4_2
24	0.65	1	95	166	0.1	0.77	-1.97	0.61	-1.61	0	0.67	43.2	37.1	1.16	XT5_1
25	0.95	1	95	174	0.09	0.82	-1.41	0.76	-1.29	0	0.69	30.5	27.2	1.19	XT5_2
26	0.44	1	94	254	0.08	0.75	-1.89	0.56	-1.21	0	0.68	45.7	44.2	1.13	XT5_3
27	0.37	1	89	193	0.1	0.77	-1.8	0.53	-1.4	0	0.64	48.3	48.9	1.13	XT5_4
28	0.51	1	88	225	0.09	0.82	-1.36	0.76	-1	0	0.68	39.8	38.5	1.13	XT5_5
29	0.98	1	84	202	0.08	1.16	1.11	1.24	1.27	0	0.61	26.2	23.6	0.88	XT5_6
30	0.96	1	84	204	0.08	1.08	0.57	1	0.08	0	0.66	25	27.7	0.97	XT5_7
31	0.53	1	84	169	0.1	0.94	-0.44	0.83	-0.49	0	0.58	40.5	39.7	1.04	XT5_8
32	0.74	1	84	199	0.09	0.79	-1.57	0.73	-1.3	0	0.69	29.8	28.7	1.15	XT5_9
33	0.46	1	84	229	0.09	0.87	-0.86	0.74	-1.15	0	0.65	40.5	38.9	1.09	XT5_10
34	1.02	1	107	587	0.04	0.87	-0.75	1.21	0.52	0	0.74	31.8	30.9	1.02	XT6_1
35	1.28	1	107	630	0.04	0.76	-1.33	0.94	-0.01	0	0.74	34.6	31.4	1.05	XT6_2
36	1.17	1	107	1011	0.03	1	0.09	0.96	0.21	0	0.76	33.6	31.7	1	XT6_3
37	-0.13	1	93	66	0.24	0.94	-0.54	0.84	-1.09	0	0.43	74.2	73.7	1.16	XT7_1
38	1.1	1	93	42	0.22	1.14	2.09	1.24	2.14	0	0.14	60.2	64.1	0.23	XT7_2
39	0.1	1	93	62	0.23	0.89	-1.13	0.84	-1.27	0	0.47	76.3	70.2	1.29	XT7_3
40	0.15	1	90	60	0.24	1.16	1.63	1.25	1.88	0	0.1	62.2	69.4	0.55	XT7_4
41	1.27	1	90	38	0.22	1.05	0.68	1.06	0.63	0	0.25	60	64.5	0.78	XT7_5
42	0.81	1	89	47	0.22	0.97	-0.48	0.98	-0.15	0	0.35	66.3	63.1	1.14	XT7_6
43	0.32	1	88	56	0.23	1.17	1.96	1.24	2.02	0	0.08	61.4	67.3	0.42	XT7_7
44	-0.22	1	88	65	0.26	0.91	-0.7	0.81	-1.15	0	0.44	77.3	75.7	1.19	XT7_8

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-0.31	1	207	818	0.08	1.76	5.23	1.72	3.91	0	0.57	46.1	50	0.57	XT1_1
2	-0.32	1	206	826	0.08	1.65	4.48	1.58	3.41	0	0.6	50.2	50.5	0.66	XT1_2
3	0.1	2	207	337	0.1	3.33	9.9	3.64	9.9	1.19	0.13	10.7	59.7	-1.22	XT2_1
4	0.95	2	207	545	0.06	0.91	-0.89	0.93	-0.41	-0.4	0.77	39.3	34.9	1.02	XT3_1
5	0.22	1	207	601	0.07	0.77	-2	0.74	-1.23	0	0.77	56.8	55.5	1.1	XT3_2
6	0.4	1	207	586	0.07	0.54	-4.15	0.35	-2.88	0	0.81	61.7	58.2	1.17	XT3_3
7	0.54	1	207	545	0.07	0.64	-3.58	0.51	-2.84	0	0.8	55.8	50.4	1.18	XT3_4
8	0.9	1	207	442	0.07	0.83	-1.87	0.78	-1.99	0	0.75	35.4	34.8	1.18	XT3_5
9	1.33	1	207	184	0.11	0.78	-2.88	0.76	-2.82	0	0.65	58.3	55	1.43	XT4_1
10	1.6	1	207	165	0.12	0.79	-2.54	0.77	-2.56	0	0.63	61.7	58.8	1.36	XT4_2
11	1.63	1	207	166	0.12	0.76	-2.86	0.74	-2.96	0	0.66	65	61.5	1.36	XT4_3

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-0.19	1	130	95	0.21	1.04	0.41	1.03	0.23	0	0.34	72.3	75.7	0.94	XT1_1
2	-0.43	1	130	100	0.22	1.09	0.75	1.07	0.43	0	0.29	79.2	78.4	0.89	XT1_2
3	0.12	1	130	88	0.2	0.99	-0.04	0.93	-0.57	0	0.41	68.5	72.6	1.05	XT1_3
4	0.83	1	128	69	0.19	1.2	2.78	1.2	2.3	0	0.17	53.9	66.9	0.33	XT1_4
5	0.1	2	130	184	0.13	3.24	9.9	3.47	9.14	1.71	0.05	7.7	61.3	-1.28	XT2_1
6	0.95	2	130	345	0.08	0.98	-0.11	0.84	-0.96	-0.46	0.82	44.6	38.6	1.18	XT3_1
7	0.4	2	130	369	0.08	0.66	-2.38	0.49	-1.83	-0.05	0.81	59.2	54.8	1.2	XT3_2
8	0.54	2	130	336	0.08	0.55	-3.77	0.45	-2.99	-0.01	0.85	47.7	44.3	1.26	XT3_3
9	0.38	1	125	359	0.09	0.56	-3.31	0.45	-2.36	0	0.82	56	50	1.19	XT3_4
10	1.21	1	124	282	0.07	0.73	-2.28	0.64	-2.26	0	0.79	35.5	29.5	1.19	XT3_5
11	0.1	1	130	283	0.11	1.3	1.99	1.16	0.71	0	0.57	59.2	57	0.86	XT4_1
12	0.15	1	130	283	0.1	1.29	1.89	1.1	0.47	0	0.59	56.9	56.2	0.88	XT4_2
13	0	1	130	290	0.11	1.42	2.68	1.32	1.24	0	0.53	56.9	59.2	0.81	XT4_3

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-0.04	1	130	95	0.21	1.01	0.09	0.99	-0.02	0	0.34	75.4	74.9	1	XT1_1
2	-0.28	1	130	100	0.22	1.06	0.52	1.03	0.26	0	0.28	76.9	78	0.93	XT1_2
3	0.57	1	130	176	0.12	1.26	1.99	1.2	0.86	0	0.46	53.8	55.8	0.7	XT1_3
4	1.03	1	128	138	0.11	1.63	5.2	1.73	3.48	0	0.24	33.6	44.3	-0.04	XT1_4
5	0.1	2	130	184	0.12	3.24	9.9	3.56	9.27	1.82	0.07	6.9	64	-1.28	XT2_1
6	0.61	1	130	345	0.08	0.61	-3.2	0.54	-2.36	0	0.81	42.3	41	1.17	XT3_1
7	0.22	2	130	369	0.09	1.04	0.34	0.77	-0.89	0.17	0.78	52.3	52.5	1.2	XT3_2
8	0.68	1	130	336	0.08	0.53	-4.03	0.48	-2.57	0	0.83	46.9	42.2	1.2	XT3_3
9	0.52	1	125	359	0.08	0.53	-3.69	0.43	-2.57	0	0.81	52.8	48.7	1.2	XT3_4
10	0.9	2	124	249	0.08	0.97	-0.23	0.88	-0.91	0.2	0.79	25.8	30.9	0.88	XT3_5
11	1.33	2	130	283	0.09	1.07	0.58	1.03	0.24	-0.28	0.57	43.8	42.4	0.99	XT4_1
12	1.6	2	130	283	0.09	1.11	0.91	1.13	0.8	-0.43	0.59	39.2	40.7	1.03	XT4_2
13	1.63	2	130	290	0.09	1.37	2.98	1.46	2.74	-0.63	0.52	35.4	40.3	0.88	XT4_3

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-0.75	1	94	163	0.21	0.98	0	0.95	-0.02	0	0.48	78.7	80.3	0.98	YT1_1
2	-1.45	1	94	175	0.28	1.01	0.13	1.09	0.35	0	0.39	88.3	88.5	0.97	YT1_2
3	-1.35	1	93	176	0.29	0.78	-0.48	0.49	-0.35	0	0.52	91.4	91.5	1.07	YT1_3
4	-1.27	1	91	170	0.28	0.68	-0.91	0.64	-0.38	0	0.53	90.1	89.9	1.06	YT1_4
5	-0.72	1	92	164	0.22	1.07	0.34	0.62	-0.58	0	0.52	84.8	86.4	1.01	YT1_5
6	-0.7	1	92	163	0.22	0.98	0.02	0.65	-0.58	0	0.54	83.7	84.9	1.02	YT1_6
7	-0.65	1	92	160	0.21	0.97	-0.06	0.62	-0.91	0	0.56	79.3	82.4	1.05	YT1_7
8	-0.24	1	92	150	0.18	1.05	0.31	0.71	-0.81	0	0.56	75	71.6	1.03	YT1_8
9	-0.78	1	92	163	0.22	1.03	0.18	0.66	-0.69	0	0.53	82.6	84.1	1.03	YT1_9
10	-1.14	1	92	172	0.27	1.37	1.04	0.57	-0.28	0	0.41	88	90.9	0.95	YT1_10
11	-0.92	1	94	341	0.16	0.73	-0.97	0.66	-0.63	0	0.66	80.9	79.1	1.05	YT2_1
12	-0.38	1	94	325	0.13	0.75	-1	0.49	-1.19	0	0.72	75.5	71.2	1.08	YT2_2
13	-0.43	1	94	316	0.13	0.78	-1.1	0.68	-1.1	0	0.71	60.6	63	1.08	YT2_3
14	-0.56	1	91	316	0.14	1.11	0.55	1.01	0.16	0	0.6	61.5	68	0.96	YT2_4
15	-0.71	1	90	316	0.14	0.59	-2.03	0.62	-0.87	0	0.74	74.4	70.6	1.13	YT2_5
16	-0.62	1	90	316	0.15	0.89	-0.4	0.85	-0.29	0	0.64	65.6	69.1	1.02	YT2_6
17	-0.59	1	91	316	0.15	0.78	-0.97	0.74	-0.88	0	0.67	58.2	66.2	1.06	YT2_7
18	-0.66	1	91	333	0.17	0.67	-0.95	0.44	-0.93	0	0.67	82.4	82	1.06	YT2_8
19	0.08	1	94	434	0.09	0.58	-2.54	0.53	-2.38	0	0.84	58.5	42.8	1.29	YT3_1
20	0.09	1	94	1224	0.06	1.23	0.93	1.17	0.62	0	0.81	41.5	40	0.91	YT3_2
21	0.38	1	94	1602	0.04	1.36	1.64	0.98	0.04	0	0.86	28.7	28.1	0.95	YT3_3
22	0.76	1	92	542	0.08	1.93	4.54	2.26	5.13	0	0.5	21.7	31.2	0.18	YT4_1
23	1.18	1	92	561	0.06	1.63	3.44	1.63	3.06	0	0.66	19.6	25	0.36	YT4_2
24	0.5	1	90	186	0.11	0.73	-1.72	0.66	-0.82	0	0.71	52.2	53.1	1.11	YT5_1
25	0.78	1	90	206	0.09	0.82	-1.31	0.66	-1.65	0	0.73	33.3	33	1.14	YT5_2
26	0.38	1	90	262	0.1	0.74	-1.47	0.79	-0.36	0	0.74	56.7	56.1	1.1	YT5_3
27	0.49	1	85	178	0.11	0.7	-2.08	0.73	-0.9	0	0.71	50.6	47.7	1.14	YT5_4
28	0.55	1	84	234	0.1	0.89	-0.61	0.63	-1.21	0	0.72	48.8	44.9	1.08	YT5_5
29	1.13	1	83	191	0.09	0.75	-1.8	0.74	-1.67	0	0.72	31.3	30.3	1.39	YT5_6
30	1.04	1	82	209	0.08	1.03	0.28	0.84	-0.66	0	0.66	31.7	31.3	1.04	YT5_7
31	0.37	1	81	189	0.12	0.84	-0.76	0.46	-1.09	0	0.68	65.4	63.1	1.09	YT5_8
32	0.71	1	81	207	0.1	0.83	-1.16	0.69	-1.45	0	0.7	35.8	32.9	1.14	YT5_9
33	0.46	1	81	237	0.11	0.64	-2.29	0.56	-1.73	0	0.77	46.9	43.7	1.17	YT5_10
34	1.03	1	94	621	0.04	0.64	-2.23	0.58	-1.17	0	0.83	25.5	28.9	1.13	YT6_1
35	1.23	1	94	755	0.04	0.9	-0.49	1.14	0.44	0	0.81	24.5	28.9	0.96	YT6_2
36	1.07	1	94	1255	0.03	0.92	-0.35	5.72	3.55	0	0.83	33	33.1	0.9	YT6_3
37	0.02	1	87	62	0.25	1.12	0.97	1.14	0.92	0	0.22	70.1	74.1	0.79	YT7_1
38	0.47	1	86	54	0.24	1.1	1.09	1.13	1.06	0	0.23	60.5	68.6	0.7	YT7_2
39	-0.45	1	86	68	0.28	1.18	1.09	1.12	0.61	0	0.17	74.4	80.7	0.81	YT7_3
40	0.55	1	84	52	0.24	1.36	3.77	1.61	4.45	0	-0.13	48.8	67.6	-0.29	YT7_4
41	0.71	1	84	49	0.24	0.91	-1.15	1.08	0.72	0	0.41	76.2	65.6	1.24	YT7_5
42	0.49	1	84	53	0.24	1.16	1.71	1.28	2.16	0	0.14	56	68.3	0.48	YT7_6
43	0.12	1	84	59	0.25	1.21	1.72	1.24	1.51	0	0.1	66.7	73.2	0.59	YT7_7
44	-0.22	1	84	64	0.27	1.01	0.15	0.93	-0.31	0	0.34	76.2	78.3	1.01	YT7_8

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	0.08	2	212	643	0.06	1.37	2.75	1.7	3.78	0.49	0.83	33	40.8	0.41	YT1_1
2	0.69	1	212	592	0.05	0.65	-3.98	0.61	-3.44	0	0.84	40.1	31.6	1.3	YT1_2
3	0.76	1	212	570	0.06	0.88	-1.26	0.89	-0.92	0	0.8	35.4	32.8	1.15	YT1_3
4	0.02	2	212	191	0.16	0.89	-1.71	0.88	-1.18	-2.2	0.37	77.4	71.3	1.25	YT2_1
5	0.47	2	212	195	0.15	1.24	3.8	1.33	3.27	-2.91	0.3	61.3	69.3	0.29	YT2_2
6	-0.45	2	212	170	0.17	0.8	-2.78	0.76	-1.89	-0.72	0.43	80.2	74.5	1.36	YT2_3
7	0.13	1	212	641	0.06	1.5	4.27	1.55	2.02	0	0.68	36.8	39.7	0.71	YT2_4
8	-0.24	1	212	766	0.06	0.9	-0.64	0.55	-0.69	0	0.76	63.2	63.1	1.05	YT2_5
9	0.17	1	212	769	0.05	1.3	2.41	1.29	1.16	0	0.76	41.5	42.6	0.87	YT2_6
10	-0.25	1	208	765	0.06	0.87	-0.92	1.5	1	0	0.74	61.5	60.7	1.02	YT2_7
11	0.88	1	212	579	0.06	0.63	-4.24	0.68	-3.06	0	0.85	38.7	34.3	1.33	YT3_1
12	1.12	1	212	532	0.06	0.74	-2.74	0.76	-2.08	0	0.81	36.3	35.9	1.18	YT3_2

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	0.08	2	141	455	0.07	1.19	1.22	1.44	2.18	0.29	0.8	31.2	38.7	0.43	YT1_1
2	0.69	2	141	420	0.06	0.8	-1.76	0.81	-1.33	-0.21	0.82	35.5	30.5	0.97	YT1_2
3	0.47	1	141	418	0.07	0.7	-2.81	0.73	-2.24	0	0.82	38.3	31.7	1.3	YT1_3
4	-1.11	1	141	217	0.16	1.05	0.47	1	0.08	0	0.49	66	66.9	0.95	YT2_1
5	0.13	1	141	158	0.14	1.51	4.41	1.5	4.07	0	0.24	47.5	54.5	0.09	YT2_2
6	-0.22	1	141	180	0.14	1.12	1.09	1.08	0.66	0	0.51	56	54.7	0.86	YT2_3
7	0.13	2	141	425	0.07	1.57	4.23	1.66	2.67	-0.07	0.66	31.9	33.2	0.8	YT3_1
8	-0.24	2	141	527	0.08	0.55	-2.83	0.43	-0.98	-0.14	0.82	71.6	66.3	1.09	YT3_2
9	0.17	2	141	502	0.06	1.25	1.75	1.18	0.81	-0.03	0.76	35.5	35.3	1.03	YT3_3
10	-0.25	2	139	415	0.08	0.99	0	9.46	6.62	0.44	0.8	16.5	64.2	-2.56	YT3_4
11	-0.19	1	136	500	0.08	0.86	-0.71	0.45	-1	0	0.79	70.6	68.1	1.07	YT3_5
12	-0.1	1	134	481	0.08	0.7	-1.78	0.43	-1.38	0	0.8	65.7	62.9	1.1	YT3_6
13	-0.03	1	133	551	0.07	0.88	-0.69	0.78	-0.42	0	0.8	47.4	47.4	1.05	YT3_7
14	0.88	2	141	424	0.07	1.19	1.48	1.1	0.75	-0.26	0.8	31.9	34.7	0.94	YT4_1
15	0.75	1	141	388	0.07	0.73	-2.27	0.66	-2.37	0	0.83	44	37.8	1.23	YT4_2
16	-1.15	1	141	111	0.23	0.74	-2.21	0.54	-2.53	0	0.64	83	80.8	1.34	YT5_1
17	-1.61	1	141	119	0.25	0.84	-1.01	0.66	-1.32	0	0.51	86.5	85.3	1.17	YT5_2
18	-1	1	141	108	0.22	0.83	-1.45	0.67	-1.84	0	0.57	80.9	79.3	1.25	YT5_3
19	-1.78	1	136	118	0.27	0.86	-0.76	0.59	-1.41	0	0.51	87.5	87.4	1.15	YT5_4

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	0.69	1	149	482	0.07	0.78	-1.81	0.71	-1.96	0	0.8	39.3	37.2	1.25	YT1_1
2	0.82	1	149	448	0.07	0.79	-1.83	0.75	-1.72	0	0.82	41.4	37.4	1.25	YT1_2
3	0.76	2	149	412	0.07	0.75	-2.12	0.69	-2.01	0.23	0.84	40	35.8	1.15	YT1_3
4	0.02	2	149	142	0.2	0.96	-0.43	0.9	-0.51	-3.14	0.21	75.2	73.4	1.09	YT2_1
5	0.47	2	149	132	0.19	1.23	2.75	1.41	2.48	-2.34	0.21	62.8	71.2	0.4	YT2_2
6	-0.45	2	149	115	0.21	1.07	0.68	1.14	0.67	-0.29	0.3	77.2	77.3	0.85	YT2_3
7	-0.12	1	149	433	0.09	0.98	-0.1	1.22	0.52	0	0.64	65.5	62.7	0.99	YT3_1
8	-0.6	1	149	480	0.1	0.6	-2.66	0.28	-0.87	0	0.64	71.7	69	1.17	YT3_2
9	-0.18	1	149	444	0.09	1.02	0.17	0.74	-0.07	0	0.64	68.3	64.5	1.01	YT3_3
10	-0.22	1	148	441	0.09	1.09	0.62	0.81	-0.01	0	0.63	69.4	64.3	0.98	YT3_4
11	1.36	1	149	401	0.08	0.76	-2.09	0.72	-2.16	0	0.83	53.1	38.8	1.25	YT4_1
12	1.12	2	149	378	0.07	0.77	-1.97	0.72	-2.07	0.26	0.83	48.3	38.2	1.07	YT4_2
13	-0.29	1	149	105	0.2	0.78	-2.42	0.76	-1.16	0	0.55	82.1	75.8	1.37	YT5_1
14	-1.6	1	149	130	0.27	0.94	-0.27	0.88	-0.18	0	0.37	88.3	87.6	1.06	YT5_2
15	-0.64	1	149	113	0.22	0.88	-1.09	0.92	-0.22	0	0.47	80.7	78.9	1.16	YT5_3
16	-0.43	1	147	108	0.21	0.95	-0.47	0.91	-0.3	0	0.44	80.4	77.1	1.07	YT5_4

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-1.58	1	142	268	0.26	1.11	0.48	0.87	-0.17	0	0.43	88.7	90.8	0.99	ZT1_1
2	-1.58	1	142	268	0.26	1.01	0.12	0.77	-0.46	0	0.47	91.5	90.8	1.02	ZT1_2
3	-1.05	1	142	269	0.25	0.97	0.03	0.49	-0.35	0	0.54	94.4	94.4	1.03	ZT1_3
4	-1.44	1	142	270	0.27	1.08	0.35	0.86	-0.07	0	0.48	91.5	92.5	1.01	ZT1_4
5	-1.3	1	142	270	0.27	1.44	1.22	1.81	1.19	0	0.31	91.5	93.2	0.87	ZT1_5
6	-1.3	1	142	270	0.27	0.72	-0.76	0.63	-0.4	0	0.55	93	93.2	1.05	ZT1_6
7	-0.84	1	141	258	0.21	1	0.08	0.67	-0.68	0	0.55	89.4	89.2	1.03	ZT1_7
8	-0.68	1	142	253	0.19	0.96	-0.11	0.85	-0.35	0	0.54	84.5	84.7	1.02	ZT1_8
9	-1.17	1	141	269	0.26	0.65	-1	0.37	-0.88	0	0.56	94.3	93.7	1.09	ZT1_9
10	-0.81	1	141	263	0.22	0.93	-0.14	0.73	-0.25	0	0.5	91.5	91.8	1.02	ZT1_10
11	-0.84	1	142	531	0.16	0.56	-1.65	0.64	-0.68	0	0.7	88.7	87.6	1.08	ZT2_1
12	-0.71	1	143	529	0.15	0.71	-0.97	0.81	-0.28	0	0.67	85.3	84.5	1.04	ZT2_2
13	-0.81	1	142	524	0.16	1.03	0.19	1.05	0.27	0	0.61	81.7	81.8	0.99	ZT2_3
14	-0.78	1	141	536	0.17	0.61	-1.13	0.69	-0.49	0	0.56	88.7	88.7	1.03	ZT2_4
15	-0.52	1	141	527	0.15	0.98	0.03	1.01	0.21	0	0.56	87.2	85.9	1	ZT2_5
16	-0.42	1	141	513	0.13	0.98	-0.01	1.25	0.71	0	0.55	77.3	77.2	0.98	ZT2_6
17	-0.37	1	141	510	0.13	0.98	0	1.29	1.03	0	0.53	75.2	74.9	0.96	ZT2_7
18	-0.58	1	141	531	0.16	0.97	0.05	1.72	1.3	0	0.52	86.5	87	0.98	ZT2_8
19	0.03	1	143	1375	0.06	0.97	-0.07	1.1	0.44	0	0.77	62.2	56.1	0.99	ZT3_1
20	0	1	143	2027	0.06	0.85	-0.62	1.48	1.19	0	0.79	55.9	55.6	0.97	ZT3_2
21	0.24	1	143	2790	0.04	2.2	4.58	2.53	3.83	0	0.78	41.3	42.6	0.68	ZT3_3
22	1.26	1	143	886	0.06	2.09	5.04	2.33	7.09	0	0.35	16.1	29.4	-0.36	ZT4_1
23	1.53	1	143	881	0.05	1.89	4.77	2.2	5.78	0	0.57	25.9	28.4	0.21	ZT4_2
24	0.62	1	136	299	0.09	0.6	-3.64	0.46	-2.29	0	0.73	55.9	51.5	1.19	ZT5_1
25	0.93	1	137	324	0.07	0.67	-3.38	0.63	-3.02	0	0.76	32.1	30	1.27	ZT5_2
26	0.57	1	137	412	0.08	0.57	-3.61	0.4	-2.54	0	0.76	55.5	50	1.22	ZT5_3
27	0.43	1	133	323	0.1	0.59	-3.23	0.45	-1.83	0	0.69	63.9	59.9	1.16	ZT5_4
28	0.59	1	129	393	0.08	0.58	-3.48	0.41	-2.55	0	0.75	47.3	46.4	1.18	ZT5_5
29	1.1	1	131	373	0.06	0.86	-1.27	0.81	-1.32	0	0.72	22.1	25.2	1.11	ZT5_6
30	1.02	1	129	387	0.06	0.66	-3.25	0.67	-2.37	0	0.78	33.3	28.7	1.22	ZT5_7
31	0.56	1	130	308	0.09	0.66	-2.58	0.43	-1.88	0	0.68	62.3	57.9	1.15	ZT5_8
32	0.71	1	129	359	0.08	0.77	-2.09	0.76	-1.49	0	0.69	34.9	36.2	1.14	ZT5_9
33	0.54	1	129	407	0.08	0.71	-2.07	0.59	-1.58	0	0.69	51.2	50.8	1.12	ZT5_10
34	1.03	1	143	1115	0.04	0.68	-2.2	0.71	-0.72	0	0.81	23.1	24.9	1.11	ZT6_1
35	1.12	1	143	1378	0.03	0.7	-1.93	0.71	-1.07	0	0.82	30.8	26.8	1.12	ZT6_2
36	1.13	1	143	2164	0.02	1.16	0.87	0.99	0.11	0	0.82	21.7	23.3	1.03	ZT6_3
37	0.22	1	135	97	0.2	0.97	-0.29	0.92	-0.68	0	0.35	70.4	73.1	1.08	ZT7_1
38	1.49	1	135	60	0.18	0.97	-0.52	0.97	-0.38	0	0.33	64.4	63	1.14	ZT7_2
39	-0.22	1	135	107	0.22	0.8	-1.64	0.69	-2.07	0	0.57	80.7	79.9	1.27	ZT7_3
40	0.46	1	129	88	0.2	1.04	0.52	1.07	0.69	0	0.22	69	70	0.88	ZT7_4
41	0.98	1	130	74	0.19	0.94	-1	0.96	-0.58	0	0.37	64.6	63.5	1.26	ZT7_5
42	0.13	1	129	96	0.21	0.92	-0.77	0.87	-0.99	0	0.4	78.3	75.1	1.15	ZT7_6
43	0.76	1	129	80	0.19	1.17	2.52	1.21	2.52	0	0.03	58.1	65.9	0.33	ZT7_7
44	-0.42	1	129	107	0.24	0.91	-0.54	0.76	-1.31	0	0.42	82.2	83.2	1.12	ZT7_8

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-2.84	1	237	233	0.52	1.03	0.22	0.67	-0.19	0	0.18	97.8	97.8	0.99	ZT1_1
2	-3.58	1	237	235	0.72	1.02	0.25	0.66	-0.14	0	0.14	98.9	98.9	1	ZT1_2
3	-2.84	1	237	233	0.52	1.09	0.34	1.49	0.79	0	0.14	97.8	97.8	0.94	ZT1_3
4	-2.21	1	237	230	0.41	1.08	0.35	0.54	-0.53	0	0.25	96.2	96.2	1	ZT1_4
5	1.19	1	236	863	0.07	0.84	-1.3	0.62	-1.48	0	0.8	52.2	49.9	1.1	ZT1_5
6	1.23	1	236	852	0.07	0.79	-1.78	0.57	-1.8	0	0.82	52.2	50.4	1.13	ZT1_6
7	1.45	1	236	980	0.06	1.16	1.2	1.13	0.66	0	0.81	37.5	44.8	0.9	ZT1_7
8	0.6	1	237	185	0.19	0.69	-3.67	0.59	-3.06	0	0.67	88.1	77.8	1.45	ZT2_1
9	0.49	1	237	188	0.19	1.1	1.04	1.06	0.41	0	0.47	75.1	78.7	0.88	ZT3_1
10	0.93	1	237	175	0.18	0.86	-1.75	0.76	-1.99	0	0.62	81.1	75.3	1.26	ZT3_2
11	0.45	1	237	189	0.19	0.8	-2.11	0.65	-2.33	0	0.61	86.5	79	1.29	ZT3_3
12	0.51	1	229	185	0.2	0.92	-0.76	0.78	-1.33	0	0.53	80.8	79	1.13	ZT3_4
13	0.7	1	227	179	0.19	1.07	0.74	1.04	0.3	0	0.47	74.3	77.3	0.91	ZT3_5
14	0.44	1	227	186	0.2	1.01	0.1	0.85	-0.85	0	0.48	77.1	79.6	1.03	ZT3_6
15	1.66	1	227	149	0.17	1.63	7.4	1.84	6.8	0	0.26	48	70.6	-0.55	ZT3_7
16	0.7	1	227	179	0.19	1.09	0.9	1.1	0.69	0	0.46	73.1	77.3	0.88	ZT3_8
17	1.12	1	226	166	0.18	1.04	0.55	1	0.05	0	0.52	71.8	73.8	0.94	ZT3_9

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-0.21	1	117	187	0.19	0.85	-1.04	0.85	-0.61	0	0.57	78.1	70.2	1.16	ZT1_1
2	0.64	1	117	160	0.17	1.06	0.5	1.07	0.47	0	0.54	59.6	62.5	0.9	ZT1_2
3	0.92	1	117	150	0.16	0.93	-0.54	0.83	-1.21	0	0.63	65.8	60.5	1.16	ZT1_3
4	0.03	1	116	189	0.18	0.95	-0.3	0.74	-0.77	0	0.54	70.8	71	1.07	ZT1_4
5	0.18	1	116	185	0.17	1.07	0.5	0.83	-0.46	0	0.52	68.1	69.2	0.98	ZT1_5
6	0.15	1	115	182	0.18	1.12	0.81	1.02	0.18	0	0.48	61.6	69.2	0.88	ZT1_6
7	0.7	1	114	161	0.16	1.06	0.49	0.99	0.04	0	0.56	61.3	61.6	0.96	ZT1_7
8	0.6	2	117	328	0.09	1.62	3.91	1.59	3.61	0.39	0.74	29.8	37.4	0.36	ZT2_1
9	0.11	1	117	91	0.25	0.89	-0.85	0.68	-1.11	0	0.49	80.7	79.9	1.18	ZT3_1
10	0.93	2	117	91	0.22	0.78	-2.37	0.63	-2.13	-0.85	0.51	78.9	73.7	1.47	ZT3_2
11	0.45	2	117	87	0.24	0.91	-0.75	0.83	-0.62	-0.1	0.46	83.3	76.9	1.14	ZT3_3
12	0.51	2	116	85	0.24	0.77	-2.17	0.64	-1.62	-0.07	0.56	84.1	76.5	1.38	ZT3_4
13	0.7	2	116	83	0.23	0.85	-1.5	0.8	-0.9	-0.15	0.51	79.6	75	1.28	ZT3_5
14	0.44	2	115	91	0.24	0.69	-2.95	0.53	-2.14	-0.4	0.53	88.4	77.3	1.49	ZT3_6
15	1.19	1	114	70	0.22	1.35	3.38	1.56	2.8	0	0.27	59.5	72.5	0.22	ZT3_7
16	0.7	2	111	88	0.24	0.75	-2.39	0.6	-1.94	-0.63	0.49	84.3	75.7	1.44	ZT3_8
17	1.12	2	111	84	0.23	0.84	-1.65	0.75	-1.42	-0.79	0.48	80.6	73.1	1.34	ZT3_9

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-2.84	2	128	125	0.59	0.62	-0.77	0.1	-1.44	-0.53	0.52	97.7	97.3	1.19	ZT1_1
2	-3.58	2	128	123	0.74	1.63	1.13	0.83	0.23	0.97	0.58	96.9	98.2	0.82	ZT1_2
3	-2.84	2	128	125	0.59	0.27	-2.1	0.04	-1.81	-0.53	0.63	99.2	97.3	1.27	ZT1_3
4	-2.21	2	127	124	0.48	0.31	-2.31	0.07	-2.35	-0.84	0.55	98.4	96	1.29	ZT1_4
5	1.19	2	127	374	0.07	0.53	-4.2	1.08	0.44	0.11	0.78	37	38	-2.59	ZT1_5
6	1.23	2	127	347	0.07	0.52	-4.54	0.52	-3.08	0.19	0.79	37	37.9	-1.06	ZT1_6
7	1.45	2	127	522	0.06	0.97	-0.17	0.94	-0.26	-0.34	0.8	31.5	32.8	1.36	ZT1_7
8	0.6	2	128	353	0.07	0.86	-1.14	0.8	-1.16	0.14	0.72	39.8	32.7	1.21	ZT2_1
9	-2.34	1	128	122	0.5	1.24	0.69	0.96	0.18	0	0.39	95.3	96.3	0.93	ZT3_1
10	-0.46	1	128	107	0.27	0.84	-0.91	0.61	-1.6	0	0.6	87.5	86.4	1.17	ZT3_2
11	0.32	1	128	94	0.23	0.81	-1.65	0.67	-1.98	0	0.61	84.4	78.3	1.29	ZT3_3
12	-0.18	1	128	103	0.25	1.01	0.1	0.84	-0.64	0	0.48	81.3	83.7	1.03	ZT3_4
13	-0.59	1	126	108	0.28	0.86	-0.7	0.7	-1.08	0	0.56	88.9	87.7	1.13	ZT3_5
14	0.25	1	124	94	0.23	1.02	0.16	1	0.06	0	0.42	78.2	79.4	0.99	ZT3_6
15	0.61	1	124	87	0.22	1.05	0.49	1.02	0.19	0	0.39	73.4	75.6	0.93	ZT3_7
16	-0.3	1	124	103	0.27	1.2	1.15	1.26	1.06	0	0.28	83.1	85.4	0.82	ZT3_8
17	0.79	1	124	83	0.21	0.92	-0.75	0.87	-0.9	0	0.49	74.2	73.8	1.16	ZT3_9

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-2.11	1	108	88	0.29	1.04	0.27	0.65	-0.86	0	0.51	81.3	85	1.04	wt1_1
2	-1.87	1	108	85	0.28	0.93	-0.38	0.61	-1.19	0	0.56	79.4	83.1	1.14	wt1_2
3	-3.05	1	108	97	0.37	1.22	0.91	0.8	-0.15	0	0.37	89.7	91.3	0.9	wt1_3
4	-3.03	1	107	96	0.37	0.99	0.04	0.58	-0.6	0	0.48	90.6	91.3	1.05	wt1_4
5	-2.05	1	106	86	0.29	1.11	0.66	0.8	-0.4	0	0.47	79	84.9	0.96	wt1_5
6	-2.05	1	106	86	0.29	0.88	-0.66	0.55	-1.23	0	0.58	84.8	84.9	1.17	wt1_6
7	-2.53	1	106	91	0.33	1.12	0.64	0.75	-0.4	0	0.44	85.7	88.2	0.95	wt1_7
8	-2.23	1	106	88	0.3	0.84	-0.86	0.52	-1.21	0	0.58	88.6	86.2	1.19	wt1_8
9	-1.15	1	105	155	0.17	0.96	-0.21	0.75	-0.44	0	0.67	68.3	71	1.04	wt2_1
10	-1.26	1	105	156	0.17	0.73	-1.76	0.52	-1.6	0	0.72	74	70.4	1.21	wt2_2
11	-1.73	1	104	174	0.19	0.79	-0.91	0.36	-0.52	0	0.66	79.6	80.6	1.11	wt2_3
12	-1.47	1	102	165	0.18	0.77	-1.22	0.5	-0.72	0	0.66	77.2	75.7	1.12	wt2_4
13	-2.16	1	102	182	0.23	0.58	-1.79	0.2	-1.1	0	0.64	90.1	86.3	1.18	wt2_5
14	-0.93	1	101	295	0.11	1.53	2.26	1.7	0.98	0	0.67	65	66.2	0.8	wt2_6
15	-0.87	1	101	444	0.1	1.38	1.61	0.99	0.21	0	0.73	67	64.6	0.93	wt2_7
16	-0.98	1	102	306	0.11	1.44	1.82	1.85	1.08	0	0.68	69.3	71.7	0.88	wt2_8
17	2	1	108	19	0.28	1.42	2.45	1.95	1.86	0	0.12	79.4	83.3	0.46	wt3_1
18	-1.02	1	108	72	0.24	1.37	2.92	1.71	2.68	0	0.29	66.4	76.4	0.34	wt3_2
19	0.21	1	108	49	0.23	1.29	2.73	1.49	2.39	0	0.33	61.7	72.8	0.34	wt3_3
20	-1.48	1	101	76	0.27	1.24	1.62	1.25	0.85	0	0.38	74	80.5	0.72	wt3_4
21	-3.3	1	101	93	0.43	0.9	-0.22	0.45	-0.7	0	0.49	95	93.3	1.09	wt3_5
22	0.23	1	100	47	0.23	1.38	3.46	1.54	2.63	0	0.27	58.6	72.3	0.13	wt3_6
23	-1.31	1	100	73	0.26	1.26	1.78	1.5	1.64	0	0.35	74.7	79.2	0.63	wt3_7
24	1.89	1	100	20	0.28	1.6	3.49	2.18	2.36	0	0.01	73.7	81.2	0.18	wt3_8
25	-0.14	1	103	339	0.08	1.5	2.4	1.6	0.98	0	0.78	58.3	56.4	0.84	wt4_1
26	-0.79	1	103	142	0.15	0.58	-2.93	0.33	-1.29	0	0.76	71.8	67.7	1.26	wt4_2
27	0.04	1	104	311	0.08	1.37	2	1.01	0.18	0	0.8	51	51.6	0.89	wt4_3
28	0.04	1	93	297	0.09	2.12	4.47	2.95	2.39	0	0.69	53.8	57.1	0.64	wt4_4
29	-0.56	1	92	125	0.16	0.69	-2.24	0.71	-0.78	0	0.72	68.5	61.6	1.21	wt4_5
30	0.02	1	92	311	0.08	1.55	2.3	1.76	1.01	0	0.76	65.2	64.8	0.86	wt4_6
31	-0.87	1	91	137	0.17	0.55	-2.98	0.31	-1.54	0	0.74	74.7	68.9	1.25	wt4_7
32	0.1	1	89	284	0.1	1.17	0.91	0.89	0.07	0	0.74	59.6	58.9	0.97	wt4_8
33	-0.44	1	90	121	0.16	0.64	-2.6	0.39	-1.53	0	0.75	66.7	61.7	1.23	wt4_9
34	0.02	1	89	312	0.09	1.48	2.26	3.22	2.89	0	0.74	52.8	53.7	0.82	wt4_10
35	-0.46	1	107	62	0.23	0.91	-0.83	0.83	-0.96	0	0.58	75.7	73.5	1.19	wt5_1
36	-0.57	1	107	64	0.23	0.92	-0.75	0.84	-0.86	0	0.57	72.9	74	1.17	wt5_2
37	-0.2	1	107	57	0.23	0.88	-1.27	0.77	-1.37	0	0.6	73.8	72.7	1.29	wt5_3
38	0.34	1	104	46	0.23	0.83	-1.79	0.74	-1.43	0	0.61	83.7	72.8	1.37	wt5_4
39	1.16	1	104	31	0.25	0.73	-2.59	0.64	-1.43	0	0.63	85.6	76.6	1.44	wt6_1
40	-0.36	1	104	59	0.23	0.82	-1.91	0.7	-1.85	0	0.63	76.9	73	1.4	wt6_2
41	0.27	1	103	47	0.23	0.93	-0.7	0.85	-0.81	0	0.55	76.7	72.6	1.17	wt6_3
42	-0.13	1	99	53	0.24	0.98	-0.12	1.24	1.3	0	0.51	73.7	72.6	0.98	wt6_4
43	-0.87	1	98	66	0.25	0.81	-1.65	0.72	-1.29	0	0.61	82.7	75.9	1.31	wt7_1
44	-0.39	1	98	58	0.24	1.05	0.53	1.01	0.12	0	0.48	67.3	73.1	0.91	wt7_2
45	-0.22	1	98	55	0.24	0.87	-1.25	0.77	-1.3	0	0.59	76.5	72.3	1.29	wt7_3
46	-0.27	1	91	54	0.25	0.99	-0.09	0.97	-0.08	0	0.49	75.8	72.3	1.02	wt7_4
47	-0.53	1	89	58	0.25	0.87	-1.18	0.82	-0.88	0	0.55	78.7	73.5	1.25	wt7_5
48	-0.09	1	86	50	0.25	0.9	-0.93	0.85	-0.9	0	0.54	77.9	71	1.23	wt7_6
49	-0.58	1	85	57	0.26	0.89	-0.96	0.85	-0.66	0	0.53	80	74.2	1.21	wt7_7
50	0.1	1	85	46	0.25	0.77	-2.51	0.68	-2.22	0	0.64	81.2	70.2	1.59	wt7_8
51	0.8	1	85	66	0.15	1.34	2.01	1.54	1.14	0	0.53	58.8	63.2	0.77	wt7_9

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
52	0.17	1	99	48	0.23	1.11	1.14	1.57	2.76	0	0.4	72.7	72.1	0.65	wt8_1
53	0.33	1	98	45	0.23	0.92	-0.82	0.86	-0.75	0	0.55	75.5	72.2	1.19	wt8_2
54	0.11	1	97	49	0.23	1.03	0.32	1.05	0.34	0	0.47	75.3	71.6	0.92	wt8_3
55	0.18	1	91	45	0.24	0.77	-2.35	0.67	-1.94	0	0.64	82.4	71.9	1.53	wt9_1
56	1.02	1	90	31	0.25	0.93	-0.59	0.83	-0.61	0	0.51	77.8	74.1	1.15	wt9_2
57	0.32	1	89	42	0.25	0.81	-1.91	0.72	-1.47	0	0.62	79.8	72.1	1.43	wt9_3
58	0.81	1	84	34	0.25	0.74	-2.66	0.65	-2.08	0	0.65	81	71.4	1.61	wt9_4
59	0.69	1	84	36	0.25	0.71	-3.09	0.65	-2.23	0	0.67	84.5	70.9	1.68	wt9_5
60	1.36	1	70	62	0.14	1.73	3.39	2.2	2.96	0	0.41	45.7	49.8	0.44	wt10_1
61	1.62	1	68	50	0.15	1.26	1.34	1.63	1.68	0	0.47	44.1	56.3	0.73	wt10_2
62	-0.11	1	68	147	0.14	0.85	-0.78	0.58	-0.8	0	0.68	58.8	58	1.09	wt10_3
63	-0.3	1	66	156	0.15	0.72	-1.37	0.33	-0.77	0	0.68	72.7	66.3	1.15	wt10_4
64	0.18	1	65	216	0.11	1.74	2.92	9.9	6.94	0	0.51	43.1	50.7	0.52	wt11_1
65	0.17	1	65	40	0.28	0.92	-0.7	1.17	0.93	0	0.45	70.8	69.8	1.12	wt12_1
66	0.4	1	65	37	0.28	0.83	-1.71	0.77	-1.41	0	0.56	73.8	68.6	1.51	wt12_2
67	-0.65	1	63	48	0.32	0.77	-1.41	0.6	-1.51	0	0.6	85.7	78.4	1.35	wt13_1
68	1.97	1	63	17	0.31	0.92	-0.52	0.9	-0.24	0	0.42	77.8	75	1.13	wt13_2
69	1.97	1	63	17	0.31	0.93	-0.42	0.84	-0.47	0	0.43	74.6	75	1.14	wt13_3
70	1.35	1	62	24	0.28	0.85	-1.4	0.75	-1.22	0	0.53	72.6	69.1	1.46	wt13_4
71	1.51	1	60	21	0.3	0.81	-1.62	0.73	-1.21	0	0.55	80	70.5	1.47	wt13_5
72	-2.82	1	65	62	0.63	0.83	-0.18	0.69	-0.11	0	0.37	96.9	95.6	1.07	wt14_1
73	-1.17	1	65	54	0.36	1.03	0.22	1.11	0.4	0	0.31	86.2	84.3	0.94	wt14_2
74	-1.44	1	65	56	0.39	0.85	-0.55	0.77	-0.4	0	0.47	87.7	87.2	1.13	wt14_3
75	-1.97	1	65	59	0.46	1.22	0.71	1.3	0.65	0	0.15	89.2	91.5	0.87	wt14_4
76	-0.82	1	65	51	0.33	0.83	-0.97	0.76	-0.75	0	0.52	83.1	80.1	1.21	wt14_5
77	-0.61	1	65	49	0.31	0.95	-0.28	0.9	-0.27	0	0.43	81.5	77.7	1.08	wt14_6
78	0.91	1	64	30	0.28	1.01	0.13	0.97	-0.09	0	0.4	68.8	67.8	0.99	wt14_7
79	-0.71	1	65	50	0.32	0.92	-0.41	0.96	-0.04	0	0.43	80	78.8	1.09	wt15_1
80	0.76	1	64	32	0.27	0.84	-1.68	0.79	-1.33	0	0.55	75	67.5	1.54	wt15_2
81	1.46	1	64	23	0.28	1.08	0.69	1.07	0.37	0	0.32	65.6	70.1	0.81	wt15_3
82	0.67	1	63	33	0.28	0.9	-0.98	0.87	-0.79	0	0.49	73	67.4	1.32	wt15_4
83	0.04	1	55	38	0.31	0.76	-1.95	0.65	-1.72	0	0.6	80	71.8	1.55	wt16_1
84	3.36	1	55	6	0.45	0.84	-0.43	0.99	0.16	0	0.37	90.9	89.3	1.1	wt16_2
85	1.02	1	55	27	0.29	0.98	-0.21	0.95	-0.25	0	0.39	65.5	65.9	1.11	wt16_3
86	2.43	1	54	12	0.35	1.01	0.13	0.99	0.11	0	0.29	77.8	78.9	0.98	wt16_4
87	5.33	1	52	1	1.02	0.77	0.05	0.12	-0.68	0	0.45	98.1	98.1	1.14	wt16_5
88	1.31	1	53	44	0.18	0.75	-1.7	0.66	-1	0	0.62	47.2	42.2	1.27	wt17_1
89	2.03	1	53	24	0.21	0.9	-0.47	1.1	0.36	0	0.48	67.9	59.8	1.06	wt17_2
90	1.78	1	53	30	0.19	0.76	-1.39	0.57	-0.93	0	0.59	66	55.5	1.22	wt17_3
91	2.6	1	49	15	0.26	0.91	-0.24	0.87	-0.18	0	0.48	77.6	73.7	1.05	wt17_4
92	0.99	1	49	25	0.31	0.84	-1.69	0.79	-1.08	0	0.51	73.5	65.2	1.71	wt17_5
93	1.68	1	53	19	0.31	0.97	-0.25	0.96	-0.09	0	0.37	69.8	68.8	1.09	wt18_1
94	1.61	1	54	20	0.3	0.94	-0.49	0.89	-0.42	0	0.41	68.5	68.3	1.2	wt18_2
95	1.43	1	54	22	0.3	1.06	0.64	1.09	0.48	0	0.28	64.8	66.9	0.75	wt18_3
96	0.8	1	53	29	0.3	0.94	-0.55	0.94	-0.28	0	0.41	71.7	65.6	1.21	wt18_4
97	0.29	1	108	402	0.07	1.75	2.18	1.36	0.66	0	0.74	70.1	71.1	0.88	wt19_1
98	0.99	1	108	222	0.08	1.71	2.28	1.67	1.07	0	0.68	65.4	68	0.88	wt19_2
99	1.79	1	108	119	0.11	0.74	-1.57	0.51	-0.71	0	0.71	63.6	63.9	1.06	wt19_3

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-1.05	1	199	295	0.12	0.86	-1.3	0.66	-1.61	0	0.65	60.4	57.6	1.15	WT1_1
2	-1.26	2	199	315	0.13	0.87	-1.22	0.79	-0.94	-0.14	0.6	59.7	59.9	1.3	WT1_2
3	-2.16	2	199	340	0.16	1.12	0.72	1.15	0.44	0.47	0.53	73.4	78.1	0.53	WT1_3
4	-1.27	1	194	304	0.13	0.82	-1.64	0.7	-1.29	0	0.62	61.1	60.1	1.15	WT1_4
5	-1.96	1	194	342	0.15	0.91	-0.59	1.1	0.39	0	0.46	73.2	73.8	1.04	WT1_5
6	-1.73	2	194	306	0.14	1.22	1.48	1.18	0.48	0.55	0.6	66.4	71.6	0.3	WT1_6
7	-1.15	2	194	308	0.12	0.85	-1.36	0.82	-0.53	-0.15	0.59	62.4	59.8	1.1	WT1_7
8	-1.37	1	194	310	0.13	0.75	-2.38	0.66	-1.42	0	0.62	67.1	62	1.21	WT1_8
9	-1.95	1	199	166	0.21	0.94	-0.54	1.13	0.59	0	0.43	81.2	79.6	1.05	WT2_1
10	0.36	1	199	103	0.19	1.29	3.02	1.27	1.98	0	0.56	63	73.9	0.49	WT2_2
11	-1.25	1	199	149	0.19	0.98	-0.21	1.05	0.39	0	0.5	77.9	73.4	0.99	WT2_3
12	-1.84	1	198	1081	0.07	2.61	5.98	9.9	4.03	0	0.36	68	74.6	0.33	WT3_1
13	-1.6	1	199	158	0.2	0.9	-1.11	0.77	-1.19	0	0.51	78.6	76	1.19	WT4_1
14	0.21	2	199	137	0.19	1.3	3.2	1.37	2.77	-1.02	0.54	61.7	73.1	0.41	WT4_2
15	-1.73	1	199	161	0.21	0.93	-0.72	0.75	-1.25	0	0.49	77.3	77.2	1.15	WT4_3
16	-0.96	1	196	140	0.19	1.04	0.53	1.03	0.24	0	0.52	70.2	71.9	0.92	WT4_4
17	-1.48	2	194	148	0.2	1.04	0.43	1.3	1.54	0.2	0.49	73.8	75.6	0.88	WT4_5
18	-0.7	1	194	132	0.19	0.96	-0.44	0.9	-0.77	0	0.58	72.5	71	1.1	WT4_6
19	-1.02	2	194	153	0.19	0.88	-1.51	0.76	-1.78	-0.49	0.5	75.2	72.4	1.29	WT4_7
20	-2.19	1	194	168	0.23	0.84	-1.29	0.6	-1.57	0	0.46	85.9	83	1.21	WT4_8
21	-1.35	1	199	641	0.08	1.54	3.3	1.91	2.06	0	0.58	58.4	58.8	0.76	WT5_1
22	-1.83	1	199	703	0.09	0.93	-0.42	1.11	0.4	0	0.53	70.1	66.4	1.03	WT5_2
23	-1.36	1	199	646	0.08	1.44	2.72	1.74	1.49	0	0.58	56.5	58.9	0.83	WT5_3

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-1.05	2	124	190	0.14	0.83	-1.27	0.67	-1.76	-0.19	0.69	63.7	61.2	1.4	WT1_1
2	-1.27	2	124	204	0.15	0.69	-2.45	0.48	-2.83	-0.33	0.68	71	65.3	1.42	WT1_2
3	-1.15	2	124	200	0.14	0.84	-1.09	0.66	-1.47	-0.27	0.61	66.1	64.9	1.22	WT1_3
4	-1.37	2	122	201	0.15	1.03	0.24	0.79	-0.89	-0.2	0.55	72.1	67.7	1.27	WT1_4
5	-1.26	2	122	198	0.15	0.81	-1.45	0.55	-2.49	-0.26	0.69	69.7	65.2	1.49	WT1_5
6	-2.16	2	122	219	0.2	1.11	0.53	0.43	-1.05	0.26	0.57	85.2	84.7	1.03	WT1_6
7	-1.96	2	122	221	0.18	0.79	-1.16	0.48	-1.63	-0.18	0.51	80.3	78.3	1.23	WT1_7
8	-1.73	2	122	200	0.17	0.98	-0.04	0.8	-0.2	0.4	0.66	74.6	77.5	0.51	WT1_8
9	-1.95	2	124	106	0.25	0.77	-1.7	0.63	-1.87	-0.28	0.45	87.1	82.3	1.26	WT2_1
10	0.36	2	124	64	0.2	1.02	0.32	1.14	1.35	-0.57	0.45	73.4	66.2	0.83	WT2_2
11	-1.25	2	124	94	0.22	1	0.06	0.95	-0.32	-0.26	0.3	71.8	74.9	1.02	WT2_3
12	0.29	2	122	92	0.06	0.39	-6.63	8.71	4.74	0.06	0.24	31.1	54.1	-2.43	WT2_4
13	0.99	2	122	71	0.08	0.21	-5.6	2.07	1.96	-0.01	0.46	68.9	56.5	-0.02	WT2_5
14	1.79	2	122	66	0.09	0.4	-7.52	1.28	0.75	0.27	0.5	46.7	45.2	-0.65	WT2_6
15	-1.84	2	124	628	0.09	2.92	5.47	9.9	3.77	0.57	0.6	75	80.8	-0.07	WT3_1
16	-1.6	2	124	102	0.23	0.8	-1.67	0.65	-2.2	-0.36	0.44	82.3	78.1	1.29	WT4_1
17	0.21	2	124	79	0.2	1.08	1.14	1.23	2.25	-0.99	0.46	71.8	66.1	0.61	WT4_2
18	-1.73	2	124	104	0.24	0.82	-1.41	0.71	-1.63	-0.36	0.38	84.7	79.6	1.23	WT4_3
19	-0.96	2	123	86	0.21	0.82	-1.96	0.74	-2.43	-0.18	0.55	76.4	72.5	1.4	WT4_4
20	-2.12	1	123	104	0.26	1.04	0.3	0.95	-0.14	0	0.3	83.7	84.6	0.98	WT5_1
21	-1.05	1	123	84	0.21	0.9	-1.01	0.8	-1.68	0	0.52	72.4	73.2	1.23	WT5_2
22	-1.63	1	123	96	0.23	0.95	-0.34	0.83	-0.9	0	0.43	82.1	78.7	1.09	WT5_3
23	-1.18	1	123	87	0.21	0.92	-0.75	0.8	-1.54	0	0.5	70.7	74.4	1.19	WT5_4
24	-1.35	2	124	399	0.1	1.21	1.19	1.44	1.16	0.06	0.68	67.7	66.5	0.91	WT6_1
25	-1.83	2	124	449	0.12	0.92	-0.35	0.52	-1.27	-0.07	0.58	75.8	73	1.09	WT6_2
26	-1.36	2	124	422	0.1	1.07	0.48	0.62	-0.94	-0.17	0.65	70.2	69.2	1.05	WT6_3

ENTRY	MEASURE	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-0.68	1	114	149	0.15	0.95	-0.31	1.07	0.34	0	0.65	57.3	56.5	1.02	WT1_1
2	-1.96	2	114	185	0.19	1.14	0.74	1.14	0.43	0.38	0.57	71.9	75.6	0.89	WT1_2
3	-1.73	2	114	164	0.18	1.38	1.81	1.5	0.78	0.76	0.68	64.6	77.4	0.01	WT1_3
4	-1.26	2	110	167	0.17	0.87	-0.8	0.93	-0.14	0.04	0.62	65.2	62.4	1.13	WT1_4
5	-1.47	2	109	172	0.17	0.89	-0.51	1.61	1.09	0.21	0.59	72.5	70.8	0.8	WT1_5
6	-1.37	2	107	172	0.17	0.79	-1.31	0.58	-1.38	0	0.59	71.9	67.1	1.34	WT1_6
7	-1.27	2	106	182	0.17	0.57	-3.07	0.42	-2.19	-0.5	0.56	72.7	65.2	1.5	WT1_7
8	-1.05	2	107	161	0.16	0.91	-0.58	0.79	-0.63	0.01	0.6	61.8	59.1	1.16	WT1_8
9	-1.65	1	114	89	0.26	1.14	1.1	1.72	2.41	0	0.36	72.9	77.8	0.7	WT2_1
10	-0.03	1	114	61	0.23	1.12	1.23	1.15	0.96	0	0.54	70.8	71	0.72	WT2_2
11	-1.45	1	114	86	0.25	1.02	0.24	1.18	0.82	0	0.44	79.2	76.1	0.91	WT2_3
12	-1.48	1	112	86	0.26	1.14	1.15	1.46	1.79	0	0.37	72.3	76.4	0.7	WT2_4
13	-0.54	1	112	70	0.24	1.19	1.9	1.23	1.51	0	0.46	63.8	70.1	0.53	WT2_5
14	-0.59	1	112	71	0.24	1.34	3.28	1.38	2.3	0	0.39	52.1	70.3	0.18	WT2_6
15	-1.84	2	114	626	0.1	1.75	2.33	1.74	0.9	-0.21	0.46	81.3	81.2	0.77	WT3_1
16	-1.73	2	114	88	0.26	1.05	0.44	0.89	-0.32	0.15	0.47	78.1	78.5	0.96	WT4_1
17	-0.86	1	114	76	0.24	0.98	-0.14	0.88	-0.67	0	0.54	69.8	71.8	1.08	WT4_2
18	-1.48	2	114	89	0.25	0.98	-0.12	0.84	-0.65	-0.17	0.45	76	76.3	1.07	WT4_3
19	-0.69	1	110	72	0.24	1.04	0.39	1.03	0.24	0	0.52	64.1	71	0.93	WT4_4
20	-1.73	1	109	88	0.28	1.08	0.58	0.96	-0.05	0	0.39	79.1	79.5	0.92	WT4_5
21	0.21	2	109	77	0.24	1.27	2.51	1.45	2.54	-1.2	0.48	61.5	71.3	0.32	WT4_6
22	-1.02	2	109	86	0.25	0.8	-1.97	0.66	-2	-0.58	0.5	81.3	72.9	1.45	WT4_7
23	-2.19	2	109	96	0.3	0.63	-2.29	0.42	-1.93	-0.26	0.48	87.9	84.1	1.39	WT4_8
24	-1.35	2	113	363	0.11	1.14	0.76	1.85	1.57	-0.01	0.6	58.9	60	0.83	WT5_1
25	-1.83	2	113	385	0.13	1.15	0.71	0.89	-0.04	0.18	0.57	69.5	69.5	0.98	WT5_2
26	-1.36	2	113	364	0.11	1.2	0.99	2.16	1.7	0.02	0.59	63.2	64	0.69	WT5_3

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-4.62	1	113	111	0.74	0.99	0.19	0.22	-0.72	0	0.26	98.2	98.2	1.06	XT1_1
2	-1.92	1	113	97	0.32	0.91	-0.36	0.53	-1.11	0	0.54	87.6	88.5	1.12	XT1_2
3	-2.63	1	113	103	0.38	0.92	-0.24	0.44	-0.94	0	0.48	92	91.9	1.11	XT1_3
4	-3.55	1	113	108	0.5	0.78	-0.55	0.18	-1.21	0	0.46	95.6	95.6	1.17	XT1_4
5	-3.12	1	113	106	0.43	0.8	-0.59	0.32	-1.01	0	0.48	94.7	93.9	1.15	XT1_5
6	-2.35	1	112	100	0.35	1	0.09	0.57	-0.73	0	0.47	89.3	90.7	1.06	XT1_6
7	-2.78	1	113	104	0.39	1.03	0.21	0.49	-0.74	0	0.43	92	92.5	1.05	XT1_7
8	-2.77	1	112	103	0.39	1.19	0.77	0.77	-0.16	0	0.34	91.1	92.4	0.93	XT1_8
9	-1.3	1	111	187	0.21	0.71	-1.22	0.55	-0.72	0	0.69	88.3	84.6	1.1	XT2_1
10	-0.8	1	111	172	0.18	1.31	1.54	1.8	1.7	0	0.57	72.1	77.3	0.83	XT2_2
11	-2.15	1	111	202	0.26	0.67	-1.28	0.44	-0.72	0	0.62	89.2	88.7	1.1	XT2_3
12	-1.34	1	108	185	0.21	0.89	-0.34	0.59	-0.45	0	0.65	86.1	85.5	1.05	XT2_4
13	-1.97	1	109	196	0.25	0.45	-2.62	0.21	-1.74	0	0.69	91.7	87	1.22	XT2_5
14	-0.45	1	110	339	0.11	1.2	0.87	0.85	-0.03	0	0.72	70	70.5	0.97	XT2_6
15	-0.69	1	110	534	0.1	1.64	2.14	0.84	-0.1	0	0.74	71.8	72.5	0.93	XT2_7
16	-0.97	1	110	367	0.14	1.17	0.73	0.71	-0.21	0	0.72	78.2	78.8	1	XT2_8
17	2.77	1	112	17	0.29	1.51	2.5	6.32	5.29	0	-0.1	82.1	86.1	0.22	XT3_1
18	-0.65	1	113	80	0.24	1.43	3	1.88	2.83	0	0.23	72.6	79.1	0.33	XT3_2
19	0.64	1	112	54	0.22	1.21	2.36	1.2	1.05	0	0.37	59.8	70.8	0.49	XT3_3
20	-1	1	109	84	0.27	1.06	0.4	0.92	-0.15	0	0.46	82.6	82.6	0.96	XT3_4
21	-2.85	1	108	101	0.44	0.89	-0.25	0.38	-0.91	0	0.46	94.4	93.8	1.11	XT3_5
22	0.69	1	108	53	0.22	1.34	3.84	1.89	3.93	0	0.21	57.4	69.8	-0.1	XT3_6
23	-0.83	1	107	81	0.26	1.17	1.16	1.47	1.49	0	0.34	78.5	81.2	0.74	XT3_7
24	2.38	1	107	22	0.27	1.34	2.11	1.43	1.1	0	0.17	77.6	81.8	0.58	XT3_8
25	0.04	1	103	434	0.07	1.46	2.19	1.85	1.16	0	0.72	61.2	59.3	0.88	XT4_1
26	-0.81	1	105	170	0.19	0.57	-2.32	0.33	-1.66	0	0.72	83.8	80.1	1.2	XT4_2
27	0.16	1	105	411	0.07	1.22	1.32	3.05	2.08	0	0.73	54.3	56.2	0.88	XT4_3
28	0.3	1	98	382	0.07	2.06	4.78	9.9	5.16	0	0.61	51	57.3	0.51	XT4_4
29	-0.98	1	98	171	0.22	0.56	-1.72	0.41	-0.69	0	0.65	90.8	86.8	1.15	XT4_5
30	0.16	1	98	410	0.07	0.88	-0.66	0.54	-0.54	0	0.74	55.1	54.9	1.07	XT4_6
31	-0.95	1	98	169	0.21	0.58	-1.76	0.35	-1.13	0	0.66	88.8	85.3	1.15	XT4_7
32	0.21	1	98	395	0.08	1.11	0.67	0.82	-0.03	0	0.74	52	51	0.98	XT4_8
33	-0.69	1	98	163	0.19	0.7	-1.37	0.39	-1.14	0	0.66	86.7	82.4	1.14	XT4_9
34	0.05	1	98	431	0.07	0.94	-0.28	0.55	-0.22	0	0.72	61.2	58	1.05	XT4_10

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
35	-0.5	1	108	76	0.24	0.99	-0.08	1.12	0.55	0	0.47	78.7	77.4	1	XT5_1
36	-0.66	1	107	78	0.25	0.92	-0.55	0.75	-0.96	0	0.53	80.4	79.2	1.14	XT5_2
37	0.18	1	106	62	0.23	1.01	0.18	0.88	-0.62	0	0.48	65.1	70.9	1.03	XT5_3
38	0.22	1	106	62	0.22	0.99	-0.04	0.9	-0.49	0	0.48	68.9	70.5	1.05	XT5_4
39	1.16	1	105	42	0.22	0.93	-0.8	0.83	-0.86	0	0.5	76.2	70.9	1.21	XT6_1
40	-0.43	1	105	73	0.24	0.91	-0.73	0.76	-1.17	0	0.55	76.2	76.7	1.18	XT6_2
41	0.62	1	104	52	0.22	0.81	-2.38	0.71	-1.94	0	0.6	77.9	69.3	1.54	XT6_3
42	-0.06	1	104	66	0.23	1.09	0.94	1.1	0.61	0	0.41	69.2	72.8	0.81	XT6_4
43	-1.22	1	105	85	0.28	0.81	-1.1	0.57	-1.3	0	0.58	86.7	84.6	1.22	XT7_1
44	-0.07	1	105	67	0.23	1.05	0.5	0.95	-0.16	0	0.45	75.2	73.2	0.94	XT7_2
45	-0.23	1	105	70	0.24	0.94	-0.48	0.92	-0.28	0	0.5	79	74.9	1.1	XT7_3
46	-0.19	1	100	68	0.24	1.09	0.82	1.06	0.36	0	0.39	73	74.6	0.85	XT7_4
47	-1.51	1	99	85	0.33	0.88	-0.51	0.67	-0.73	0	0.5	89.9	88.1	1.12	XT7_5
48	-1.04	1	99	80	0.29	0.85	-0.84	0.58	-1.31	0	0.56	84.8	84.3	1.2	XT7_6
49	-0.8	1	99	77	0.27	0.72	-1.98	0.51	-1.87	0	0.64	85.9	82	1.36	XT7_7
50	-0.34	1	98	70	0.25	0.9	-0.81	0.95	-0.14	0	0.49	74.5	76.3	1.15	XT7_8
51	0.82	1	99	97	0.14	1.45	3.32	2.05	2.25	0	0.41	36.4	48.2	0.54	XT7_9
52	0.41	1	105	58	0.22	1.06	0.76	1.19	1.07	0	0.41	73.3	69.6	0.78	XT8_1
53	0.26	1	105	61	0.22	1.08	0.95	1.29	1.52	0	0.39	71.4	70.2	0.72	XT8_2
54	0.66	1	105	53	0.22	1.16	1.83	1.32	1.72	0	0.34	67.6	69.6	0.5	XT8_3
55	-0.17	1	103	69	0.24	0.81	-1.96	0.68	-1.67	0	0.59	79.6	73.7	1.41	XT9_1
56	1.3	1	103	40	0.23	1.17	1.79	1.54	2.57	0	0.29	66	71.4	0.5	XT9_2
57	0.3	1	103	60	0.22	0.99	-0.1	1.02	0.19	0	0.45	74.8	69.6	1	XT9_3
58	0.36	1	103	59	0.22	0.97	-0.38	1.08	0.53	0	0.46	70.9	69.4	1.03	XT9_4
59	0.84	1	102	49	0.22	0.77	-2.97	0.68	-2.13	0	0.62	83.3	69.3	1.66	XT9_5
60	1.12	1	87	112	0.12	1.39	2.25	1.5	1.28	0	0.56	44.8	48.8	0.69	XT10_1
61	1.11	1	87	114	0.12	1.2	1.31	1.19	0.76	0	0.61	44.8	45	0.86	XT10_2
62	-0.02	1	87	208	0.12	0.93	-0.36	0.64	-0.43	0	0.55	62.1	60.3	1.04	XT10_3
63	-0.26	1	87	216	0.13	1.16	0.89	0.89	0.12	0	0.47	58.6	61.3	0.93	XT10_4
64	0.4	1	86	287	0.08	1.95	4.16	1.84	0.99	0	0.55	38.4	48.3	0.46	XT11_1
65	0.73	1	86	48	0.24	0.82	-2.31	0.78	-1.6	0	0.55	75.6	67	1.61	XT12_1
66	0.79	1	86	47	0.24	0.84	-2.07	0.84	-1.19	0	0.53	79.1	67	1.53	XT12_2
67	-0.41	1	84	65	0.28	0.8	-1.47	0.63	-1.43	0	0.52	81	78.4	1.33	XT13_1
68	2.54	1	82	18	0.29	0.78	-1.41	0.67	-1.39	0	0.59	86.6	80.5	1.27	XT13_2

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
69	2	1	84	26	0.26	1.06	0.48	1.08	0.48	0	0.36	71.4	74.4	0.9	XT13_3
70	1.02	1	83	42	0.24	0.83	-2.13	0.77	-1.81	0	0.56	77.1	67	1.6	XT13_4
71	1.55	1	83	33	0.25	0.9	-1.04	0.83	-1.18	0	0.51	74.7	69.9	1.29	XT13_5
72	-2.72	1	86	83	0.6	0.84	-0.14	0.3	-0.9	0	0.35	96.5	96.5	1.12	XT14_1
73	-0.81	1	86	71	0.3	0.89	-0.59	0.86	-0.29	0	0.39	86	83.5	1.11	XT14_2
74	-0.9	1	86	72	0.31	0.83	-0.87	0.6	-1.13	0	0.47	87.2	84.5	1.2	XT14_3
75	-2.72	1	86	83	0.6	0.83	-0.16	0.27	-0.98	0	0.36	96.5	96.5	1.12	XT14_4
76	-0.48	1	86	67	0.28	0.93	-0.45	1.1	0.43	0	0.38	81.4	79.4	1.08	XT14_5
77	-0.64	1	86	69	0.29	0.88	-0.75	0.73	-0.83	0	0.44	83.7	81.4	1.17	XT14_6
78	1.4	1	86	36	0.24	0.97	-0.31	0.95	-0.31	0	0.44	73.3	69	1.09	XT14_7
79	-0.84	1	85	71	0.31	0.88	-0.63	0.65	-0.98	0	0.42	85.9	84	1.16	XT15_1
80	1.82	1	85	29	0.25	0.85	-1.4	0.79	-1.35	0	0.55	77.6	72.6	1.33	XT15_2
81	1.75	1	84	30	0.25	0.91	-0.8	0.85	-0.94	0	0.5	72.6	71.8	1.21	XT15_3
82	0.64	1	84	49	0.24	0.78	-2.81	0.7	-2.16	0	0.59	76.2	67.1	1.76	XT15_4
83	0.36	1	74	50	0.26	0.86	-1.4	0.84	-0.79	0	0.46	78.4	69.2	1.36	XT16_1
84	2.73	1	74	16	0.31	1.04	0.27	1.01	0.11	0	0.36	77	80.4	0.97	XT16_2
85	1.59	1	74	31	0.26	0.97	-0.26	0.98	-0.08	0	0.41	70.3	68.5	1.07	XT16_3
86	1.77	1	73	28	0.26	0.96	-0.38	0.92	-0.56	0	0.45	72.6	70	1.13	XT16_4
87	3.67	1	71	8	0.4	1	0.09	0.67	-0.73	0	0.41	87.3	89.4	1.06	XT16_5
88	1.44	1	73	60	0.15	0.69	-2.32	0.54	-1.94	0	0.72	61.6	52.7	1.25	XT17_1
89	1.63	1	73	53	0.16	0.8	-1.33	0.84	-0.6	0	0.67	57.5	51.9	1.15	XT17_2
90	1.61	1	73	56	0.17	0.72	-2.01	0.76	-1.16	0	0.71	61.6	51.6	1.28	XT17_3
91	1.88	1	71	47	0.18	0.81	-1.25	0.72	-1.36	0	0.68	64.8	55.3	1.23	XT17_4
92	1.32	1	69	33	0.26	0.93	-0.78	0.89	-0.83	0	0.45	69.6	66	1.28	XT17_5
93	1.98	1	72	25	0.27	0.97	-0.18	0.95	-0.29	0	0.42	73.6	71.7	1.07	XT18_1
94	2.33	1	71	20	0.29	0.98	-0.06	0.99	0	0	0.4	80.3	75.7	1.02	XT18_2
95	1.77	1	72	28	0.26	1.05	0.47	1.05	0.39	0	0.34	69.4	69.6	0.87	XT18_3
96	0.69	1	66	42	0.27	0.94	-0.65	0.87	-0.68	0	0.41	65.2	67.4	1.24	XT18_4
97	0.46	1	113	544	0.05	1.18	0.88	0.68	0	0	0.75	66.4	65	0.99	XT19_1
98	1.07	1	113	310	0.06	2.08	3.83	5.44	3.83	0	0.68	62.8	65.3	0.72	XT19_2
99	1.48	1	113	174	0.09	0.76	-1.84	0.63	-0.53	0	0.76	50.4	43.7	1.13	XT19_3

ENTRY	MEASURE	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
1	-4.62	2	233	221	0.77	6.65	3.91	2.93	1.92	2.04	0.33	94.6	99.2	-0.26	XT1_1
2	-1.92	2	233	220	0.26	0.72	-1.68	1.84	1.7	-0.54	0.27	93.3	91.4	1.15	XT1_2
3	-0.8	2	233	393	0.14	1.25	1.65	2.27	2.54	0.15	0.49	76.2	80.2	0.79	XT1_3
4	-2.35	2	233	213	0.3	1.37	1.6	0.77	-0.31	0.48	0.38	91	93.8	0.87	XT1_4
5	-2.15	2	233	403	0.23	4.51	7.27	8.15	4.09	1.33	0.52	83	93.3	-0.23	XT1_5
6	-0.74	1	233	189	0.19	0.89	-0.99	0.7	-1.35	0	0.51	84.8	83.3	1.14	XT2_1
7	-0.08	1	233	169	0.17	0.87	-1.57	0.71	-1.95	0	0.57	81.2	78.3	1.22	XT2_2
8	0.9	1	233	132	0.16	0.75	-3.94	0.66	-3.48	0	0.66	81.6	72.6	1.52	XT2_3
9	-2.02	1	231	213	0.27	0.8	-1.1	0.37	-1.72	0	0.44	91.4	91.9	1.17	XT3_1
10	-0.69	1	232	596	0.11	1.13	0.88	1.58	1.54	0	0.58	75.2	75.7	0.94	XT4_1
11	0.15	1	233	345	0.11	0.87	-1.06	0.93	0.03	0	0.65	75.3	73.9	1.05	XT5_1
12	0.43	1	233	321	0.1	0.89	-0.98	0.69	-0.68	0	0.67	70.9	68.6	1.08	XT5_2
13	0.36	1	233	327	0.11	0.91	-0.76	0.93	-0.05	0	0.66	71.7	69.1	1.05	XT5_3
14	0.75	1	217	287	0.1	1.08	0.77	0.93	-0.11	0	0.61	63.8	64	0.96	XT5_4
15	0.63	1	217	299	0.1	0.88	-1.08	0.61	-1.14	0	0.65	66.2	63.9	1.09	XT5_5
16	0.45	1	217	316	0.11	0.91	-0.75	0.89	-0.1	0	0.62	68.1	67.6	1.05	XT5_6
17	0.84	1	216	278	0.1	1.2	1.86	1.48	1.35	0	0.58	60.2	62.9	0.85	XT5_7
18	-0.49	1	233	385	0.13	1.07	0.58	0.77	-0.55	0	0.57	75.8	76.4	1	XT6_1
19	-0.18	1	233	341	0.12	1.16	1.65	1.19	1.45	0	0.54	57.8	65.3	0.81	XT6_2
20	-0.37	1	233	380	0.12	0.94	-0.39	0.86	-0.2	0	0.6	76.7	77.1	1.03	XT6_3
21	-0.23	1	227	364	0.12	1.02	0.21	0.79	-0.53	0	0.59	75.6	75.8	1.01	XT6_4
22	-0.04	1	225	350	0.12	1.05	0.42	0.78	-0.64	0	0.6	71.6	72.6	1	XT6_5
23	-0.16	1	221	360	0.12	1.15	1.11	1.04	0.24	0	0.54	75.8	77.1	0.94	XT6_6
24	0.92	1	219	403	0.08	2.02	7.31	3.22	6.77	0	0.51	44	53.9	0.36	XT6_7
25	-1.07	1	232	197	0.21	0.97	-0.17	1.01	0.13	0	0.41	87.4	85.9	1	XT7_1
26	0.94	1	232	130	0.16	1.03	0.45	1.01	0.11	0	0.51	69.4	72.3	0.95	XT7_2
27	-1.2	1	232	200	0.21	0.82	-1.41	0.5	-1.97	0	0.51	89.2	86.8	1.19	XT7_3
28	-1.11	1	225	194	0.22	0.98	-0.1	0.81	-0.6	0	0.41	87	86.8	1.03	XT7_4
29	1	1	220	261	0.1	0.68	-3.74	0.49	-2.67	0	0.73	65.7	59.1	1.23	XT7_5
30	-1.63	1	219	200	0.26	0.93	-0.35	0.67	-0.8	0	0.36	91.9	91.1	1.06	XT7_6
31	-1.26	1	219	194	0.23	0.89	-0.67	0.68	-1	0	0.42	90.9	88.6	1.1	XT7_7
32	1.2	1	219	239	0.1	0.81	-2.14	0.88	-0.65	0	0.68	56.5	55.3	1.13	XT7_8
33	1.27	1	219	232	0.1	0.83	-1.97	0.78	-1.38	0	0.69	59.3	56	1.16	XT7_9
34	1.17	1	219	243	0.1	0.66	-4.1	0.64	-1.77	0	0.73	65.1	57.9	1.23	XT7_10
35	0.45	1	229	468	0.09	1.22	1.93	1.36	1.94	0	0.65	49.3	56.9	0.82	XT8_1
36	0.46	1	228	463	0.09	1.44	3.71	1.44	2.33	0	0.61	47.7	55.3	0.69	XT8_2
37	-0.07	2	229	374	0.12	1.54	3.54	1.58	0.98	-0.16	0.45	69.9	75.6	0.48	XT9_1
38	-0.23	2	229	312	0.12	2.29	6.9	5.06	3.24	0.76	0.54	68	79.5	-0.44	XT9_2
39	-0.19	2	229	322	0.12	1.97	5.56	4.82	3.2	0.61	0.55	69.9	78.6	-0.08	XT9_3
40	-1.22	2	229	330	0.17	5.54	9.91	9.9	8.16	1.49	0.44	69.4	89.8	-3.76	XT9_4
41	2.77	2	229	210	0.18	3.87	9.9	7.4	9.91	-4.26	0.42	18.7	79.7	-3.4	XT10_1
42	-0.9	1	229	192	0.2	0.92	-0.63	0.89	-0.36	0	0.44	88.1	84.8	1.07	XT10_2
43	0.64	2	229	198	0.16	0.86	-1.95	0.79	-1.92	-1.85	0.49	79	73.4	1.28	XT10_3
44	-0.65	2	222	201	0.2	0.74	-2.45	0.54	-2.3	-0.93	0.31	87.7	83.2	1.29	XT10_4
45	0.69	2	221	194	0.16	0.86	-1.98	0.8	-1.92	-1.94	0.46	78.7	72.8	1.29	XT10_5
46	-1	2	220	173	0.22	1.42	2.86	1.48	1.58	0.67	0.43	79	86.3	0.63	XT10_6
47	-0.3	1	220	172	0.18	0.97	-0.33	0.92	-0.36	0	0.45	80.5	80.2	1.06	XT10_7
48	-0.29	1	229	175	0.18	0.94	-0.63	0.81	-1.05	0	0.5	79.5	79.9	1.1	XT11_1
49	-1.36	1	229	202	0.23	0.8	-1.47	0.52	-1.67	0	0.48	90.4	88.2	1.19	XT11_2
50	0.04	1	229	164	0.17	0.87	-1.55	0.87	-0.83	0	0.54	79.9	77.3	1.18	XT11_3
51	1.74	1	229	357	0.07	2.71	9.9	4.74	8.88	0	0.53	44.3	53.3	0.05	XT12_1

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-4.62	2	131	128	1.26	4.64	2.18	2.28	1.3	1.68	0.26	97.7	99.5	0.15	XT1_1
2	-2.35	2	131	126	0.51	1.23	0.65	0.76	-0.05	0.07	0.26	95.4	96.7	0.94	XT1_2
3	-2.15	2	131	228	0.46	9.9	6.57	7.17	3.11	2.07	0.57	85.4	97.1	-0.79	XT1_3
4	-2.56	1	131	127	0.56	0.76	-0.41	0.29	-0.86	0	0.4	97.7	97.2	1.12	XT1_4
5	-0.24	1	131	233	0.18	1.03	0.19	0.8	-0.05	0	0.5	83.1	83.1	0.99	XT1_5
6	-0.17	2	131	107	0.25	1.04	0.35	1.03	0.2	0.01	0.41	83.1	83.6	0.96	XT2_1
7	1.3	2	131	101	0.2	0.9	-1.1	0.83	-1.05	-1.11	0.5	75.4	73.1	1.22	XT2_2
8	0.3	2	131	80	0.23	1.25	2	1.07	0.36	0.9	0.62	71.5	78.9	0.73	XT2_3
9	-0.23	1	129	107	0.26	0.87	-0.82	0.67	-1.08	0	0.51	85.2	84.4	1.16	XT2_4
10	0.66	1	128	91	0.22	0.9	-0.92	1	0.06	0	0.52	78	76.4	1.16	XT2_5
11	0.88	1	127	86	0.22	0.86	-1.4	0.73	-1.55	0	0.57	77	75.3	1.27	XT2_6
12	-0.5	1	130	111	0.28	0.92	-0.39	1.14	0.49	0	0.44	86.8	86.7	1.05	XT3_1
13	-0.36	2	130	348	0.16	0.88	-0.49	0.57	-0.95	0.02	0.61	80.6	77.2	1.07	XT4_1
14	0.56	2	131	97	0.22	0.64	-3.8	0.49	-3.03	-0.15	0.67	90.8	76.9	1.56	XT5_1
15	0.44	2	131	91	0.23	0.79	-1.97	0.67	-1.64	0.27	0.66	85.4	77.7	1.31	XT5_2
16	1.24	2	131	185	0.13	0.72	-2.04	0.53	-1.18	-0.31	0.71	75.4	71.6	1.17	XT5_3
17	1.11	2	126	168	0.14	0.9	-0.62	0.91	-0.04	0.09	0.68	70.4	70.2	1.01	XT5_4
18	0.42	1	126	95	0.23	0.69	-2.87	0.55	-2.33	0	0.65	85.6	78.2	1.43	XT5_5
19	0.73	1	126	89	0.22	0.63	-3.97	0.49	-3.3	0	0.71	88.8	76.2	1.61	XT5_6
20	1.22	1	125	167	0.13	0.81	-1.27	0.66	-0.74	0	0.7	75	71.4	1.11	XT5_7
21	-0.12	2	131	225	0.18	0.87	-0.69	0.91	-0.01	0.06	0.58	81.5	78.3	1.08	XT6_1
22	0.22	2	131	208	0.17	0.86	-1.15	0.9	-0.57	-0.32	0.58	67.7	68.1	1.19	XT6_2
23	0.13	1	131	217	0.16	1.06	0.45	1.12	0.41	0	0.54	75.4	74	0.95	XT6_3
24	0.18	2	129	219	0.16	1.21	1.32	0.79	-0.32	-0.07	0.46	70.3	74	0.91	XT6_4
25	0.39	1	129	208	0.15	1.03	0.27	0.69	-0.65	0	0.56	69.5	70.5	1.02	XT6_5
26	0.26	2	129	210	0.16	1.05	0.38	0.68	-0.45	0.13	0.57	74.2	73.3	0.88	XT6_6
27	1.69	1	129	212	0.1	1.93	4.91	3.82	6.47	0	0.51	42.2	56.4	0.43	XT6_7
28	2.14	1	129	57	0.2	1.24	2.74	1.33	2.26	0	0.29	59.4	70.4	0.39	XT7_1
29	2.47	1	129	49	0.21	1.02	0.28	1.1	0.67	0	0.44	69.5	71	0.91	XT7_2
30	-0.25	1	129	108	0.26	0.92	-0.48	0.74	-0.8	0	0.45	85.2	84.4	1.1	XT7_3
31	0.18	1	129	101	0.24	1.05	0.46	1.18	0.78	0	0.37	77.3	79.9	0.92	XT7_4
32	-0.25	1	129	108	0.26	0.96	-0.24	0.78	-0.65	0	0.42	85.2	84.4	1.07	XT7_5
33	-0.32	1	129	109	0.27	0.98	-0.06	0.73	-0.79	0	0.41	85.9	85.1	1.06	XT7_6
34	0.2	1	129	213	0.16	1.04	0.33	0.82	-0.38	0	0.53	77.3	72.4	1.01	XT8_1
35	-0.15	1	129	228	0.18	1.17	0.92	1.12	0.4	0	0.42	78.9	78.6	0.93	XT8_2
36	-0.9	1	129	116	0.31	0.87	-0.56	0.53	-1.1	0	0.43	90.6	90.2	1.13	XT8_3
37	-0.07	2	129	110	0.25	0.9	-0.71	0.65	-1.28	-0.33	0.38	83.6	82.6	1.16	XT9_1
38	-0.23	2	129	79	0.26	2.42	6.88	2.86	4.07	1.45	0.32	59.4	84.2	-0.44	XT9_2
39	-0.19	2	129	95	0.26	1.67	3.85	2.19	2.98	0.7	0.27	71.9	83.8	0.27	XT9_3
40	-1.22	2	129	83	0.35	4.5	7.7	7.77	5.63	2.19	0.38	64.8	92.4	-1.21	XT9_4
41	2.77	2	129	124	0.21	2.73	9.9	5.22	9.91	-4.8	0.18	21.9	73.3	-2.9	XT10_1
42	-0.51	2	129	117	0.28	0.84	-0.93	0.63	-1.03	-0.51	0.28	89.1	86.9	1.16	XT10_2
43	0.64	2	129	111	0.22	0.8	-1.97	0.65	-1.99	-1.16	0.37	77.3	76.2	1.34	XT10_3
44	-0.65	2	129	121	0.29	0.73	-1.54	0.63	-0.93	-0.89	0.18	93.8	88.2	1.19	XT10_4
45	0.69	2	129	116	0.22	0.72	-2.91	0.55	-2.81	-1.69	0.4	78.1	75.9	1.49	XT10_5
46	-1	2	129	106	0.32	1.72	2.68	1.5	1.06	0.89	0.46	82.8	91	0.59	XT10_6
47	0.14	2	129	106	0.24	0.87	-1.04	0.73	-1.06	-0.27	0.43	82	80.3	1.18	XT10_7
48	-0.5	2	129	102	0.28	1.57	2.86	2.43	2.93	0.63	0.31	78.9	86.8	0.49	XT11_1
49	-0.66	2	129	112	0.29	1.13	0.74	0.9	-0.13	0.12	0.33	86.7	88.3	0.92	XT11_2
50	0.18	2	129	96	0.24	1.03	0.32	0.83	-0.64	0.28	0.51	76.6	79.9	1.01	XT11_3
51	2.25	2	129	168	0.08	2.26	7.22	4.65	7.23	0.22	0.45	40.6	50.4	0.08	XT12_1

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-2.08	1	153	146	0.41	0.95	-0.03	0.27	-1.39	0	0.39	94.7	95.5	1.1	XT1_1
2	-1.92	2	153	139	0.39	1.54	1.65	0.89	0.01	0.71	0.47	91.3	94.9	0.83	XT1_2
3	-0.8	2	153	269	0.21	1.46	1.8	1.2	0.55	0.45	0.56	83.3	87.6	0.88	XT1_3
4	-1.18	1	152	138	0.31	0.81	-0.83	0.52	-1.28	0	0.48	91.3	91.1	1.14	XT1_4
5	-0.05	1	152	259	0.16	0.98	-0.07	1.22	0.68	0	0.54	81.9	79.4	0.99	XT1_5
6	-0.34	1	153	127	0.24	0.87	-0.84	0.89	-0.34	0	0.49	87.3	84.8	1.11	XT2_1
7	0.18	1	153	117	0.22	0.98	-0.1	0.93	-0.31	0	0.45	80	80	1.04	XT2_2
8	1.33	1	153	87	0.18	0.96	-0.46	0.98	-0.17	0	0.48	72	70	1.07	XT2_3
9	-1.69	2	153	132	0.36	1.96	2.87	1.65	1.2	1.04	0.47	86.7	93.8	0.55	XT3_1
10	-0.36	2	152	408	0.15	1.18	0.91	0.87	-0.22	-0.04	0.57	81.2	79.1	1.1	XT4_1
11	0.59	2	153	248	0.13	0.57	-3.36	0.34	-1.75	-0.22	0.67	80	74.3	1.26	XT5_1
12	0.65	1	153	233	0.13	0.74	-1.89	0.52	-1.03	0	0.67	76	73.1	1.17	XT5_2
13	1.25	1	153	191	0.11	0.92	-0.69	1.13	0.45	0	0.63	59.3	58.8	1.04	XT5_3
14	0.78	1	144	222	0.13	0.74	-2.02	0.51	-1.3	0	0.64	73	69.4	1.17	XT5_4
15	0.8	1	144	222	0.13	0.68	-2.53	0.38	-1.65	0	0.66	73.8	70.1	1.37	XT5_5
16	0.53	2	144	106	0.21	0.82	-1.81	0.69	-2.07	0.01	0.56	81.6	76.8	1.3	XT5_6
17	1.33	2	144	191	0.11	0.98	-0.15	0.9	-0.27	-0.1	0.58	56.7	57.8	1.03	XT5_7
18	-0.14	1	153	268	0.17	1.46	1.99	0.86	-0.01	0	0.47	83.3	84.4	0.88	XT6_1
19	-0.04	1	153	236	0.16	1.12	1	1.09	0.7	0	0.49	66.7	67.3	0.89	XT6_2
20	0.02	2	153	268	0.16	1.06	0.36	0.62	-0.8	-0.22	0.51	80.7	80.2	1.02	XT6_3
21	-0.01	1	151	262	0.16	1.01	0.1	1.02	0.22	0	0.51	83.1	80.8	1	XT6_4
22	0.4	2	151	256	0.14	1.1	0.69	0.88	-0.29	-0.34	0.47	74.3	72.2	1.13	XT6_5
23	-0.25	1	149	266	0.18	0.98	-0.01	0.55	-0.9	0	0.52	85.6	84.1	1.05	XT6_6
24	1.41	2	149	270	0.09	1.67	4.71	2.3	4.62	-0.05	0.51	42.5	50.2	0.61	XT6_7
25	-0.69	2	152	127	0.27	1.34	1.84	2.45	3.42	0.35	0.24	85.9	87.6	0.63	XT7_1
26	1.42	2	152	78	0.18	1.11	1.51	1.12	1.1	0.21	0.39	63.1	69.3	0.71	XT7_2
27	-0.83	2	152	137	0.28	0.87	-0.7	0.85	-0.35	-0.23	0.33	91.9	88.7	1.09	XT7_3
28	-0.71	2	150	133	0.27	0.91	-0.47	0.72	-0.85	-0.1	0.37	90.5	88.1	1.08	XT7_4
29	1.49	2	149	139	0.11	0.84	-1.55	0.7	-1.5	0.37	0.69	54.1	53.6	0.92	XT7_5
30	-1.24	2	148	130	0.32	1.45	1.75	1.36	0.89	0.55	0.36	88.3	91.9	0.75	XT7_6
31	-0.86	2	147	131	0.29	0.91	-0.38	0.83	-0.4	0.02	0.39	90.3	89.4	1.06	XT7_7
32	1.7	2	147	146	0.12	0.84	-1.63	0.82	-1.05	0.07	0.64	56.3	51.1	1.03	XT7_8
33	1.77	2	147	145	0.12	0.83	-1.78	0.8	-1.19	0.02	0.65	50.7	50.6	1.13	XT7_9
34	1.67	2	146	145	0.11	0.74	-2.74	0.6	-2.08	0.11	0.7	59.4	53.2	1.27	XT7_10
35	0.9	2	151	296	0.1	1.36	2.61	1.38	1.95	0.19	0.61	50.7	53.3	0.72	XT8_1
36	0.92	2	151	288	0.1	1.47	3.43	1.4	2.09	0.22	0.61	47.3	50.9	0.72	XT8_2
37	-0.07	2	151	129	0.23	0.78	-1.72	0.66	-1.65	-0.42	0.42	86.5	82.4	1.25	XT9_1
38	-0.23	2	151	99	0.24	1.85	4.85	2.39	4.22	1.13	0.39	68.9	83.9	0.11	XT9_2
39	-0.19	2	151	107	0.23	1.52	3.29	1.72	2.58	0.79	0.41	73	83.5	0.46	XT9_3
40	-1.22	2	150	115	0.32	2.8	5.44	3.5	3.8	1.44	0.35	76.9	91.7	-0.09	XT9_4
41	2.77	2	151	146	0.2	2.94	9.9	4.82	9.9	-4.89	0.34	16.2	74.1	-3.12	XT10_1
42	-0.51	2	151	115	0.25	1.57	3.07	1.85	2.48	0.77	0.39	78.4	86.3	0.5	XT10_2
43	0.64	2	151	130	0.2	0.65	-4.12	0.56	-3.62	-1.21	0.49	84.5	75.2	1.59	XT10_3
44	-0.65	2	150	135	0.27	0.84	-0.9	0.71	-0.92	-0.32	0.32	89.1	87.7	1.13	XT10_4
45	0.69	2	150	131	0.2	0.78	-2.46	0.67	-2.6	-1.37	0.36	79.6	74.7	1.41	XT10_5
46	-1	2	150	121	0.3	1.8	3.18	2.51	2.98	0.95	0.39	82.3	90.3	0.44	XT10_6
47	0.14	2	150	112	0.22	1.06	0.52	1.37	1.75	0.24	0.42	78.9	80.4	0.88	XT10_7
48	-1.77	1	151	143	0.38	0.98	0.04	0.73	-0.35	0	0.27	94.6	94.6	1.02	XT11_1
49	0.18	2	151	116	0.22	1.12	1.02	1.09	0.5	0.03	0.34	75	79.9	0.87	XT11_2
50	0.12	1	151	118	0.22	0.96	-0.26	0.79	-1.06	0	0.45	79.1	80.5	1.08	XT11_3
51	2.25	2	151	223	0.08	2.54	8.49	5.93	9.91	-0.1	0.39	37.2	46.8	-0.06	XT12_1

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-2.47	1	101	95	0.45	0.93	-0.11	0.57	-0.42	0	0.35	95	94.2	1.05	YT1_1
2	-1.69	1	101	90	0.35	0.98	-0.02	0.68	-0.52	0	0.4	88.1	89.8	1.04	YT1_2
3	-2.69	1	101	96	0.49	0.78	-0.51	0.34	-0.81	0	0.42	96	95.1	1.14	YT1_3
4	-4.28	1	99	98	1.02	0.89	0.2	0.12	-0.93	0	0.24	99	99	1.09	YT1_4
5	-3.03	1	98	95	0.6	1.01	0.19	0.51	-0.3	0	0.22	96.9	96.9	1.02	YT1_5
6	-1.77	1	98	89	0.37	0.99	0.05	0.56	-0.75	0	0.36	89.8	90.8	1.06	YT1_6
7	-2.26	1	98	92	0.44	1.11	0.43	3.23	2.26	0	0.11	93.9	93.9	0.86	YT1_7
8	-2.72	1	98	94	0.53	0.95	0.03	0.57	-0.29	0	0.27	95.9	95.9	1.04	YT1_8
9	-0.69	1	99	170	0.19	0.78	-0.95	0.65	-0.08	0	0.59	83.8	82.6	1.09	YT2_1
10	-0.85	1	99	171	0.21	0.72	-1.3	0.41	-1.04	0	0.62	84.8	81	1.14	YT2_2
11	-0.94	1	99	176	0.22	0.7	-1.17	0.24	-0.7	0	0.6	87.9	84.8	1.15	YT2_3
12	-0.87	1	95	170	0.22	0.72	-1.11	0.8	0.16	0	0.53	85.3	84.2	1.1	YT2_4
13	-1.26	1	94	177	0.26	0.77	-0.59	0.21	-0.39	0	0.44	92.6	91.9	1.11	YT2_5
14	-0.37	1	93	322	0.12	0.78	-0.93	0.37	-0.13	0	0.61	75.3	75	1.1	YT2_6
15	-0.37	1	93	491	0.1	1.24	0.82	1.58	0.82	0	0.56	75.3	76.8	0.9	YT2_7
16	-0.55	1	93	332	0.13	0.77	-0.9	0.41	-0.07	0	0.57	80.6	80.9	1.08	YT2_8
17	2.52	1	101	25	0.26	1.61	4.07	5.19	7.42	0	-0.13	67.3	78.4	-0.22	YT3_1
18	-0.2	1	101	73	0.25	1.61	4.24	2	3.22	0	0.03	64.4	77.4	0	YT3_2
19	0.67	1	101	58	0.23	1.39	3.53	1.59	3.04	0	0.21	56.4	72	0.11	YT3_3
20	-1.49	1	96	85	0.35	1.03	0.21	1.28	0.66	0	0.32	89.6	89.2	0.95	YT3_4
21	-2.45	1	94	89	0.49	0.94	-0.03	0.58	-0.33	0	0.32	95.7	94.9	1.04	YT3_5
22	0.72	1	94	55	0.24	1.22	1.99	1.3	1.75	0	0.32	63.8	71.9	0.51	YT3_6
23	-1.24	1	94	82	0.33	1.2	0.95	1.58	1.21	0	0.19	85.1	87.4	0.81	YT3_7
24	2.35	1	94	27	0.26	1.62	4.37	2.83	5.39	0	-0.09	59.6	75.9	-0.24	YT3_8
25	0.18	1	93	423	0.08	1.07	0.37	0.67	0.21	0	0.72	65.6	70	0.97	YT4_1
26	-0.63	1	94	164	0.2	0.91	-0.32	0.53	-0.27	0	0.53	81.9	82.1	1.06	YT4_2
27	0.17	1	94	428	0.08	1.23	1.1	4.53	1.97	0	0.7	62.8	65.7	0.83	YT4_3
28	0.36	1	92	400	0.08	1.67	2.58	0.94	0.32	0	0.71	65.2	65.9	0.85	YT4_4
29	-0.55	1	92	160	0.2	0.75	-1.09	0.36	-0.61	0	0.57	83.7	80.8	1.13	YT4_5
30	0.21	1	89	414	0.09	1.16	0.81	1.28	0.59	0	0.7	57.3	62.1	0.94	YT4_6
31	-0.89	1	88	162	0.24	0.58	-1.55	0.18	-0.82	0	0.53	88.6	86.9	1.17	YT4_7
32	0.33	1	88	399	0.08	1.28	1.21	2.41	1.2	0	0.69	63.6	66.2	0.85	YT4_8
33	-0.25	1	89	149	0.18	0.83	-0.82	0.44	-0.73	0	0.58	75.3	74.7	1.11	YT4_9
34	0.14	1	89	424	0.09	1.14	0.71	0.55	0.01	0	0.7	61.8	63.4	0.98	YT4_10
35	-1.02	1	99	83	0.3	1.02	0.19	0.73	-0.63	0	0.41	81.8	85.1	1.03	YT5_1
36	-1.02	1	99	83	0.3	0.94	-0.27	0.63	-0.93	0	0.46	85.9	85.1	1.1	YT5_2
37	0.64	1	99	58	0.23	1.05	0.53	1	0.08	0	0.46	69.7	72	0.91	YT5_3
38	0.42	1	98	62	0.24	0.8	-2.07	0.66	-2.12	0	0.63	75.5	72.7	1.45	YT5_4
39	1.14	1	98	48	0.23	0.91	-0.94	0.84	-1.01	0	0.56	75.5	71.8	1.23	YT6_1
40	-0.76	1	99	80	0.28	1.05	0.35	0.82	-0.45	0	0.41	80.8	82.8	0.99	YT6_2
41	0.42	1	99	62	0.24	1.02	0.21	0.93	-0.35	0	0.48	69.7	72.9	1	YT6_3
42	-0.12	1	98	71	0.25	0.99	-0.06	0.79	-0.86	0	0.47	73.5	76.6	1.08	YT6_4
43	-0.79	1	98	80	0.29	0.99	0.02	1.31	0.92	0	0.4	80.6	83.3	1	YT7_1
44	0.17	1	98	66	0.24	0.96	-0.36	0.94	-0.22	0	0.49	75.5	74.2	1.07	YT7_2
45	-0.14	1	98	71	0.26	1.09	0.78	1.43	1.62	0	0.35	75.5	77	0.78	YT7_3
46	-0.63	1	95	76	0.29	1.06	0.41	0.8	-0.54	0	0.42	78.9	82.1	1	YT7_4
47	-1.2	1	94	82	0.33	0.89	-0.46	0.74	-0.46	0	0.42	89.4	87.4	1.1	YT7_5
48	-0.8	1	94	78	0.3	0.82	-1.03	0.61	-1.11	0	0.52	85.1	83.9	1.21	YT7_6
49	-0.99	1	94	80	0.31	0.84	-0.82	0.69	-0.69	0	0.47	89.4	85.7	1.16	YT7_7
50	-0.71	1	92	75	0.29	0.84	-0.96	0.66	-1	0	0.51	83.7	82.7	1.2	YT7_8
51	0.88	1	94	108	0.15	1.17	1.19	1.45	1.44	0	0.58	56.4	59.6	0.83	YT7_9

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
52	-0.11	1	96	70	0.26	0.93	-0.55	0.73	-1.11	0	0.51	74	76.9	1.17	YT8_1
53	0.03	1	95	67	0.25	0.91	-0.77	0.95	-0.15	0	0.51	76.8	75.5	1.15	YT8_2
54	0.14	1	96	66	0.25	0.98	-0.17	0.82	-0.82	0	0.49	71.9	74.5	1.09	YT8_3
55	-0.18	1	95	71	0.26	0.77	-1.91	0.61	-1.66	0	0.59	84.2	77.4	1.37	YT9_1
56	0.84	1	95	54	0.23	0.85	-1.55	0.76	-1.73	0	0.59	72.6	71	1.38	YT9_2
57	0.36	1	94	62	0.24	0.94	-0.54	0.99	0.03	0	0.48	74.5	72.9	1.11	YT9_3
58	0.14	1	93	65	0.25	0.81	-1.73	0.64	-1.85	0	0.6	75.3	74.6	1.38	YT9_4
59	0.63	1	93	57	0.24	0.69	-3.33	0.59	-2.85	0	0.69	82.8	71.6	1.69	YT9_5
60	1.25	1	86	134	0.12	1.92	4.23	2.27	2.79	0	0.53	47.7	51.7	0.55	YT10_1
61	1.29	1	86	131	0.12	1.9	4.23	2.16	2.83	0	0.53	50	52.2	0.54	YT10_2
62	0.11	1	85	204	0.14	1.02	0.18	0.64	-0.28	0	0.61	67.1	63.3	1.01	YT10_3
63	0.05	1	86	212	0.14	0.68	-1.72	0.29	-0.69	0	0.66	74.4	67.4	1.16	YT10_4
64	0.64	1	85	295	0.09	1.96	3.76	2.42	1.24	0	0.63	52.9	59.5	0.48	YT11_1
65	0.84	1	84	51	0.25	0.9	-1.02	0.88	-0.74	0	0.52	75	70.7	1.24	YT12_1
66	1.02	1	84	48	0.25	0.81	-2.05	0.74	-1.94	0	0.61	77.4	70.2	1.51	YT12_2
67	-0.19	1	83	65	0.29	0.74	-1.83	0.55	-1.76	0	0.6	85.5	79.6	1.37	YT13_1
68	1.6	1	83	38	0.25	0.83	-1.83	0.75	-1.89	0	0.6	74.7	69.9	1.47	YT13_2
69	1.77	1	82	35	0.25	0.97	-0.28	0.98	-0.12	0	0.47	72	70.1	1.07	YT13_3
70	1	1	83	48	0.25	0.75	-2.66	0.7	-2.21	0	0.65	81.9	70.5	1.62	YT13_4
71	1.41	1	82	41	0.25	0.77	-2.5	0.7	-2.41	0	0.64	80.5	69.6	1.63	YT13_5
72	-2.03	1	80	76	0.53	0.99	0.13	0.48	-0.59	0	0.29	95	95	1.05	YT14_1
73	-0.8	1	79	68	0.35	1	0.07	1.34	0.86	0	0.28	86.1	86.5	0.95	YT14_2
74	-0.94	1	80	70	0.36	1.1	0.48	1.37	0.88	0	0.21	87.5	87.7	0.89	YT14_3
75	-2	1	79	75	0.53	1	0.14	0.8	-0.02	0	0.22	94.9	94.9	1	YT14_4
76	-0.9	1	79	69	0.36	0.86	-0.52	0.61	-0.86	0	0.45	87.3	87.6	1.14	YT14_5
77	-1.34	1	79	72	0.42	1	0.1	0.95	0.1	0	0.28	91.1	91.1	1	YT14_6
78	0.7	1	78	50	0.26	0.81	-1.77	0.73	-1.64	0	0.59	80.8	71.4	1.44	YT14_7
79	-0.41	1	79	65	0.32	0.85	-0.78	0.65	-1.05	0	0.48	83.5	82.9	1.18	YT15_1
80	0.83	1	79	49	0.26	0.81	-1.87	0.72	-1.86	0	0.59	77.2	70.5	1.48	YT15_2
81	1.34	1	79	41	0.25	0.88	-1.3	0.84	-1.18	0	0.54	74.7	68.9	1.35	YT15_3
82	0.24	1	78	57	0.28	1.07	0.57	0.98	-0.02	0	0.35	69.2	75.6	0.93	YT15_4
83	0.43	1	65	49	0.31	0.84	-1.09	0.71	-1.19	0	0.51	80	76	1.29	YT16_1
84	3.07	1	66	16	0.31	1	0.02	1.3	1.2	0	0.3	83.3	77.2	0.91	YT16_2
85	1.19	1	67	41	0.27	1.12	1.13	1.09	0.65	0	0.26	58.2	68.5	0.68	YT16_3
86	1.67	1	66	34	0.27	1.13	1.36	1.14	1.1	0	0.25	62.1	66.5	0.54	YT16_4
87	2.97	1	65	17	0.3	0.98	-0.1	1.16	0.77	0	0.34	78.5	75.7	0.98	YT16_5
88	0.97	1	66	95	0.17	0.67	-2.33	0.52	-1.58	0	0.66	56.1	54.8	1.26	YT17_1
89	1.57	1	66	73	0.16	0.98	-0.12	0.91	-0.31	0	0.58	50	46	1.04	YT17_2
90	1.15	1	65	86	0.17	1	0.07	0.9	-0.31	0	0.52	52.3	50.2	1.02	YT17_3
91	1.69	1	64	67	0.18	1	0.08	1.01	0.13	0	0.52	54.7	47.5	1	YT17_4
92	0.59	1	65	48	0.3	0.89	-0.77	0.76	-1.05	0	0.46	78.5	74.5	1.23	YT17_5
93	1.56	1	67	36	0.27	1.09	1	1.09	0.75	0	0.29	62.7	66.6	0.68	YT18_1
94	1.65	1	66	34	0.27	1.01	0.11	1	0.07	0	0.37	63.6	66.3	0.98	YT18_2
95	1.63	1	67	35	0.26	0.95	-0.54	0.92	-0.67	0	0.44	67.2	66.5	1.21	YT18_3
96	0.27	1	65	51	0.32	0.84	-0.92	0.66	-1.26	0	0.5	78.5	78.6	1.25	YT18_4
97	0.73	1	102	526	0.06	0.62	-1.58	0.27	-0.51	0	0.81	77.5	76	1.06	YT19_1
98	1.23	1	102	368	0.07	1.3	1.08	1.39	0.72	0	0.81	70.6	69.6	0.95	YT19_2
99	1.6	1	102	196	0.09	0.66	-2.37	0.6	-0.79	0	0.82	49	45.4	1.12	YT19_3

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-0.06	1	233	184	0.19	0.85	-1.5	0.67	-1.53	0	0.58	85.7	83	1.18	YT1_1
2	-0.52	1	233	412	0.15	1.16	1.01	0.99	0.17	0	0.53	84.4	85	0.96	YT1_2
3	-0.13	1	233	186	0.19	1.01	0.17	0.88	-0.44	0	0.5	82.3	83.5	1.02	YT2_1
4	1.65	1	234	125	0.16	1.2	2.57	1.31	2.41	0	0.44	67.2	74.8	0.63	YT2_2
5	-0.18	2	234	204	0.19	0.76	-2.39	0.5	-2.4	-0.71	0.47	87.5	83.9	1.28	YT3_1
6	0.84	2	234	183	0.17	0.76	-3.14	0.65	-2.72	-0.85	0.59	84.1	77.6	1.36	YT3_2
7	0.36	2	234	157	0.18	0.95	-0.49	0.72	-1.6	0.46	0.67	80.2	80.2	1.11	YT3_3
8	0.14	2	229	127	0.19	1.6	5.07	1.49	2.07	1.44	0.69	67.4	82	0.37	YT3_4
9	0.63	2	226	131	0.17	1.03	0.35	0.88	-0.69	0.84	0.71	75	78.8	1	YT3_5
10	1.18	1	233	143	0.16	1.11	1.36	1.07	0.57	0	0.5	72.3	76.2	0.85	YT4_1
11	-0.56	1	233	830	0.11	1.13	0.81	0.83	-0.29	0	0.62	76.2	77.7	0.97	YT5_1
12	1.37	1	234	281	0.11	0.97	-0.22	0.86	-0.61	0	0.72	68.1	66.7	1.03	YT6_1
13	0.9	1	234	320	0.11	0.86	-1.33	0.67	-1.51	0	0.74	69.8	68.4	1.11	YT6_2
14	1.19	1	234	293	0.11	0.8	-2.15	0.71	-1.82	0	0.76	71.1	65	1.19	YT6_3
15	1.32	1	221	283	0.11	0.87	-1.17	0.65	-1.57	0	0.73	68.5	66.1	1.1	YT6_4
16	1.47	1	220	271	0.11	0.88	-1.13	0.89	-0.36	0	0.73	69.3	66.8	1.07	YT6_5
17	1.51	1	219	265	0.11	0.91	-0.86	0.75	-1.37	0	0.73	69.6	63.9	1.09	YT6_6
18	1.82	1	219	239	0.1	1.04	0.38	0.84	-0.65	0	0.7	66.8	66.5	1	YT6_7
19	-0.21	1	234	399	0.14	1.04	0.31	0.78	-0.3	0	0.59	81.9	80.7	1.01	YT7_1
20	0.14	1	234	573	0.1	1.15	1.03	1.98	1.96	0	0.66	74.6	74.8	0.93	YT7_2
21	2.52	1	234	258	0.08	1.68	5.36	2.84	5.58	0	0.58	49.1	59.4	0.49	YT7_3
22	-0.19	1	232	188	0.19	0.73	-2.73	0.47	-2.58	0	0.63	90	84	1.31	YT8_1
23	-0.11	1	232	186	0.19	0.68	-3.37	0.42	-3.04	0	0.66	90.4	83.5	1.37	YT8_2
24	-0.19	1	232	188	0.19	0.71	-2.97	0.44	-2.79	0	0.64	90	84	1.33	YT8_3
25	0.03	1	224	179	0.19	0.86	-1.31	0.71	-1.33	0	0.55	85.1	83	1.16	YT8_4
26	1.47	1	229	132	0.16	0.89	-1.47	0.84	-1.38	0	0.6	78	74.8	1.2	YT9_1
27	1.67	1	227	124	0.16	0.96	-0.54	0.94	-0.49	0	0.56	76.4	74.2	1.08	YT9_2
28	1.8	1	229	119	0.16	1.16	2.07	1.22	1.85	0	0.44	68.3	74.1	0.69	YT10_1
29	0.01	1	229	182	0.19	1.23	2.11	1.39	1.61	0	0.33	80.2	82.6	0.7	YT10_2
30	-1.13	1	229	207	0.25	0.9	-0.59	0.66	-0.78	0	0.42	92.5	90.9	1.08	YT10_3
31	0.19	1	228	176	0.18	0.96	-0.36	0.8	-0.96	0	0.52	81.9	81.3	1.07	YT10_4
32	-1.54	1	228	212	0.28	0.89	-0.49	0.53	-0.95	0	0.4	93.4	93.2	1.09	YT10_5
33	0.08	1	227	179	0.19	0.96	-0.35	0.8	-0.88	0	0.51	82.2	82.1	1.07	YT10_6
34	1.16	1	225	296	0.11	1.03	0.34	0.87	-0.52	0	0.69	69.1	67.6	1	YT10_7
35	1.52	1	225	265	0.11	1.05	0.48	1.02	0.17	0	0.69	65.9	65.6	0.97	YT10_8
36	1.21	1	223	291	0.11	1.07	0.65	1.05	0.31	0	0.68	68.8	68	0.96	YT10_9
37	3.84	1	219	55	0.13	1.13	0.94	8.76	4.37	0	0.36	78.8	79.2	0.77	YT10_10
38	1.54	1	228	129	0.16	1.05	0.67	1.08	0.68	0	0.51	71.7	74.6	0.91	YT11_1
39	1.09	1	227	146	0.16	0.87	-1.71	0.81	-1.51	0	0.61	79.1	76.1	1.22	YT11_2
40	1.1	1	228	146	0.16	0.78	-2.93	0.67	-2.84	0	0.66	81	76	1.37	YT11_3
41	-0.11	2	216	156	0.21	1.54	3.93	1.93	2.93	0.8	0.46	75.7	84.7	0.44	YT11_4
42	0.03	2	215	155	0.2	1.41	3.26	1.71	2.54	0.68	0.47	75.6	83.7	0.55	YT11_5
43	0.14	2	213	149	0.2	1.45	3.65	1.84	3.04	0.71	0.46	73.9	82.9	0.48	YT11_6
44	0.97	2	226	270	0.11	1.23	1.98	1.81	2.45	0.53	0.7	67	69.1	0.63	YT12_1
45	1.57	2	227	233	0.1	1.24	2.12	1.38	1.65	0.31	0.65	61.3	65.8	0.55	YT12_2
46	-0.99	2	227	206	0.24	0.89	-0.68	0.62	-1.01	-0.16	0.39	92	90.2	1.1	YT13_1
47	-1.2	2	227	200	0.26	1.28	1.53	0.93	-0.02	0.41	0.42	89.3	91.5	0.85	YT13_2
48	-0.71	2	227	188	0.22	1.11	0.81	0.71	-0.83	0.47	0.56	85.3	88.3	0.97	YT13_3
49	-0.8	2	225	183	0.23	1.36	2.28	1.48	1.29	0.7	0.51	84.3	89	0.72	YT13_4
50	2.52	2	227	220	0.16	2.33	9.9	4.53	9.9	-5.05	0.27	42.2	73.6	-2.13	YT14_1
51	-0.2	2	227	206	0.2	0.95	-0.44	1.01	0.14	-1.01	0.19	87.1	84.5	1.03	YT14_2

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
52	-1.49	2	227	174	0.28	3.39	7.59	6.81	5.5	1.7	0.33	76.9	93.1	-0.62	YT14_3
53	0.67	2	227	203	0.17	0.92	-0.88	0.81	-1.18	-1.75	0.32	77.8	78.2	1.13	YT14_4
54	2.35	2	227	191	0.16	1.68	8.13	2.57	8.45	-2.61	0.44	56.4	73.6	-0.58	YT14_5
55	-2.45	2	225	189	0.4	4.82	6.43	5.22	3.38	2.04	0.5	83.9	96.8	-0.52	YT14_6
56	-0.3	1	226	189	0.2	0.93	-0.6	0.91	-0.26	0	0.48	86.6	85.3	1.07	YT14_7
57	-1.76	1	227	214	0.31	1.18	0.82	1.58	1.06	0	0.18	93.3	94.3	0.85	YT15_1
58	-1.86	1	227	215	0.32	1.07	0.36	0.87	-0.03	0	0.27	93.8	94.7	0.97	YT15_2
59	-2.49	1	226	219	0.4	0.94	-0.07	0.37	-0.98	0	0.3	96.9	96.9	1.06	YT15_3
60	3.01	1	227	238	0.07	2.33	7.9	3.8	6.84	0	0.5	51.6	60.3	0.31	YT16_1

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-0.06	2	151	119	0.24	0.86	-0.98	0.7	-0.98	0.19	0.63	84.8	84.3	1.17	YT1_1
2	-0.52	2	151	260	0.19	1.42	1.93	1.07	0.33	0.39	0.6	80.8	84.1	0.89	YT1_2
3	2.03	1	151	153	0.12	1.96	6.36	4.54	6.43	0	0.41	48.3	63.2	0.25	YT1_3
4	1.69	1	147	175	0.13	1.81	4.98	2.96	4.29	0	0.48	55.8	67.6	0.46	YT1_4
5	0.43	2	151	136	0.22	0.79	-1.76	0.57	-2.08	-1.6	0.42	82.8	81.5	1.28	YT2_1
6	1.19	2	151	92	0.2	1.05	0.5	1.01	0.11	0.17	0.55	74.2	77.4	0.94	YT2_2
7	-0.18	2	151	129	0.25	0.79	-1.56	0.52	-1.68	-0.33	0.53	87.4	85	1.23	YT3_1
8	0.84	2	151	117	0.21	0.63	-3.73	0.48	-3.35	-0.61	0.68	87.4	79.3	1.5	YT3_2
9	0.36	2	151	100	0.23	1.13	1.01	0.89	-0.36	0.68	0.66	77.5	81.8	0.91	YT3_3
10	1.33	1	145	92	0.2	1.03	0.3	0.98	-0.09	0	0.52	76.6	76.3	0.97	YT3_4
11	1.18	1	144	95	0.21	0.99	-0.08	0.99	0	0	0.53	78.5	77.5	1.01	YT3_5
12	1.56	1	150	87	0.2	0.8	-2.27	0.76	-1.68	0	0.66	81.3	75.3	1.35	YT4_1
13	-0.56	2	151	509	0.14	2.51	5.15	1.25	0.6	0.61	0.7	74.2	79.4	0.67	YT5_1
14	1.37	2	151	200	0.13	0.91	-0.62	0.9	-0.29	-0.13	0.73	72.8	69.7	1.03	YT6_1
15	0.9	2	151	208	0.15	1.1	0.68	0.74	-0.82	0.16	0.73	72.8	73.3	1.09	YT6_2
16	1.08	1	151	207	0.14	0.83	-1.21	1.06	0.29	0	0.76	76.8	72.2	1.11	YT6_3
17	0.84	1	139	216	0.16	0.85	-0.89	0.59	-1.03	0	0.72	81.3	77	1.09	YT6_4
18	1.5	1	139	184	0.13	0.96	-0.23	0.77	-0.71	0	0.71	69.1	66.9	1.05	YT6_5
19	1.51	2	138	162	0.14	0.97	-0.15	0.92	-0.28	0.33	0.71	64.5	65	0.89	YT6_6
20	1.82	2	137	141	0.13	1.42	2.95	1.45	1.47	0.36	0.59	53.3	63.1	0.76	YT6_7
21	0.03	1	151	254	0.17	0.99	0.02	0.7	-0.36	0	0.64	80.1	79.8	1.02	YT7_1
22	0.21	1	151	370	0.13	1.48	2.5	2.23	2.38	0	0.64	74.2	74.7	0.81	YT7_2
23	0.81	1	151	311	0.12	1.47	3.25	1.5	1.98	0	0.66	53	60.2	0.76	YT7_3
24	-0.19	2	148	126	0.25	0.8	-1.39	0.75	-0.68	-0.17	0.51	90.5	85.3	1.18	YT8_1
25	-0.11	2	148	125	0.25	0.8	-1.46	0.67	-1.05	-0.18	0.53	88.5	84.7	1.2	YT8_2
26	-0.19	2	148	124	0.25	0.9	-0.68	0.88	-0.24	-0.03	0.5	89.2	85.3	1.08	YT8_3
27	0.03	2	145	120	0.25	0.98	-0.07	0.94	-0.09	-0.08	0.44	85.5	84	1.01	YT8_4
28	-0.14	1	145	122	0.26	0.91	-0.61	0.58	-1.35	0	0.52	86.9	85.2	1.14	YT9_1
29	0.05	1	145	119	0.25	0.97	-0.18	0.74	-0.85	0	0.49	82.1	83.8	1.07	YT9_2
30	1.9	1	146	78	0.19	0.94	-0.73	0.86	-1.01	0	0.56	73.3	72.9	1.15	YT10_1
31	0.49	1	146	111	0.23	1.34	2.57	1.36	1.44	0	0.29	75.3	81.1	0.59	YT10_2
32	-0.72	1	146	130	0.29	0.97	-0.11	0.79	-0.35	0	0.42	89.7	89.6	1.04	YT10_3
33	0.52	1	145	110	0.23	0.92	-0.65	0.72	-1.26	0	0.56	84.1	81.1	1.13	YT10_4
34	-1.32	1	145	135	0.35	0.86	-0.52	0.35	-1.23	0	0.45	92.4	93.2	1.14	YT10_5
35	0.46	1	144	111	0.23	0.97	-0.18	0.81	-0.75	0	0.51	82.6	81.5	1.06	YT10_6
36	1.02	1	144	208	0.14	0.97	-0.18	1	0.08	0	0.69	77.8	70.4	1.04	YT10_7
37	1.53	1	144	184	0.13	1.05	0.38	1.17	0.66	0	0.68	70.8	67.4	0.96	YT10_8
38	1.18	1	142	200	0.14	1.28	1.86	1.1	0.45	0	0.61	68.3	69.7	0.86	YT10_9
39	3.52	1	141	52	0.14	1.44	2.68	1.94	1.06	0	0.36	64.5	68.2	0.41	YT10_10
40	1.39	1	146	91	0.2	0.74	-2.93	0.62	-2.88	0	0.69	83.6	75.6	1.46	YT11_1
41	2.23	1	146	69	0.19	0.95	-0.58	0.94	-0.42	0	0.54	71.2	71.9	1.11	YT11_2
42	0.97	1	146	101	0.21	0.77	-2.24	0.63	-2.25	0	0.66	84.9	78.2	1.34	YT11_3
43	0.42	1	133	107	0.25	0.99	-0.02	0.79	-0.74	0	0.47	81.2	83.3	1.05	YT11_4
44	1.17	1	133	93	0.22	0.83	-1.63	0.68	-1.99	0	0.61	79.7	77.4	1.29	YT11_5
45	0.54	1	133	105	0.24	0.88	-0.82	0.72	-1.15	0	0.54	85	82.4	1.15	YT11_6
46	-0.11	2	131	105	0.28	1.4	2.08	1.89	2.06	0.57	0.38	84	87.1	0.6	YT11_7
47	0.03	2	131	101	0.27	1.53	2.76	1.67	1.77	0.66	0.39	79.4	86.1	0.53	YT11_8
48	0.14	2	131	87	0.27	1.84	4.22	2.27	3.06	1.24	0.51	74.8	85.4	0.19	YT11_9
49	0.97	2	145	178	0.14	1.28	1.67	2.66	3.3	0.66	0.72	71	74.3	0.64	YT12_1
50	1.57	2	145	146	0.13	1.26	1.82	2.21	3.58	0.55	0.66	62.8	65.8	0.63	YT12_2
51	-0.99	2	145	139	0.32	0.6	-2.07	0.25	-1.93	-0.95	0.29	94.5	91.5	1.28	YT13_1

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
52	-1.2	2	145	128	0.34	1.3	1.23	0.79	-0.2	0.63	0.53	88.3	92.7	0.89	YT13_2
53	-0.71	2	145	129	0.3	0.75	-1.4	0.32	-1.92	0.05	0.57	90.3	89.6	1.24	YT13_3
54	-0.8	2	142	124	0.31	0.96	-0.11	0.62	-0.74	0.38	0.57	88.7	90.5	1.07	YT13_4
55	2.52	2	144	139	0.19	1.95	9.51	3.45	9.9	-4.64	0.32	45.1	71.5	-1.58	YT14_1
56	-0.2	2	144	134	0.26	0.67	-2.4	0.45	-1.86	-1.16	0.34	89.6	85.8	1.32	YT14_2
57	-1.49	2	144	112	0.38	3.8	6.05	5.28	3.58	1.82	0.42	78.5	94.3	-0.56	YT14_3
58	0.67	2	144	127	0.22	0.79	-1.88	0.59	-2.17	-1.31	0.41	82.6	80.2	1.3	YT14_4
59	2.35	2	142	123	0.19	1.5	5.45	1.94	5.29	-2.61	0.42	54.2	71.2	-0.27	YT14_5
60	-2.45	2	140	128	0.58	3.36	3.2	2.31	1.35	1.5	0.44	91.4	97.6	0.26	YT14_6
61	0.3	1	139	112	0.24	1.16	1.17	1.18	0.7	0	0.35	80.6	83.1	0.83	YT14_7
62	0.63	1	139	106	0.23	1.05	0.45	0.93	-0.22	0	0.45	79.1	80.9	0.97	YT14_8
63	-1.76	2	141	140	0.44	0.27	-2.83	0.1	-1.88	-1.97	0.12	99.3	96	1.31	YT15_1
64	-1.86	2	141	139	0.46	0.41	-1.92	0.13	-1.65	-1.08	0.21	98.6	96.3	1.26	YT15_2
65	-2.49	3	141	141	0.6	0.06	-3.2	0.02	-2	-2.43	0	100	97.9	1.3	YT15_3
66	3.01	2	141	198	0.08	2.29	6.64	6.37	9.33	-0.23	0.5	46.8	55.8	0.05	YT16_1

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	0.13	1	152	120	0.23	0.83	-1.37	0.57	-1.78	0	0.57	84.2	82.2	1.24	YT1_1
2	-0.32	1	152	268	0.18	1.05	0.32	0.97	0.09	0	0.49	78.9	82.2	0.96	YT1_2
3	1.64	1	152	170	0.12	2.06	7.08	2.8	5.09	0	0.34	47.4	59.1	0.17	YT1_3
4	1.11	1	150	206	0.13	1.8	5.26	2.96	3.7	0	0.38	56	65.3	0.42	YT1_4
5	0.43	2	151	130	0.21	0.73	-2.65	0.64	-1.73	-0.99	0.44	87.4	79.5	1.36	YT2_1
6	1.19	2	152	76	0.19	1.47	4.69	1.59	3.27	0.7	0.32	57.2	73.9	0.13	YT2_2
7	-1.07	1	152	138	0.31	0.93	-0.26	0.59	-0.84	0	0.41	91.4	91	1.08	YT3_1
8	1.39	1	152	90	0.19	0.83	-2.16	0.81	-1.34	0	0.61	80.9	73.1	1.33	YT3_2
9	0.85	1	152	104	0.2	0.77	-2.58	0.63	-2.27	0	0.64	82.2	76.2	1.4	YT3_3
10	0.14	2	149	91	0.23	1.47	3.28	1.18	0.69	1.18	0.67	69.1	82.3	0.56	YT3_4
11	0.63	2	144	78	0.22	1.33	2.71	1.24	1.09	1.12	0.64	65.3	78.7	0.6	YT3_5
12	1.56	2	152	96	0.19	1.15	1.79	1.2	1.44	-0.4	0.38	65.1	72.6	0.68	YT4_1
13	-0.56	2	151	527	0.14	2.16	4.09	1.88	1.51	0.48	0.59	74.8	80.6	0.58	YT5_1
14	1.42	1	152	184	0.12	0.99	-0.01	0.93	-0.22	0	0.67	63.8	59.7	1.01	YT6_1
15	0.92	1	152	214	0.13	1.04	0.36	0.81	-0.68	0	0.65	67.1	65.1	1.02	YT6_2
16	1.19	2	152	206	0.13	1.08	0.71	0.92	-0.35	-0.17	0.64	64.5	61.2	1.1	YT6_3
17	1.32	2	144	195	0.13	1.09	0.75	0.91	-0.21	-0.12	0.62	62.5	62.7	1.01	YT6_4
18	1.47	2	144	191	0.12	0.79	-1.77	0.78	-0.64	-0.18	0.7	67.4	60.6	1.06	YT6_5
19	1.69	1	143	163	0.13	0.87	-1.16	0.81	-1	0	0.69	56.6	57.5	1.12	YT6_6
20	1.72	1	143	162	0.12	0.92	-0.67	0.87	-0.45	0	0.68	65	59.4	1.06	YT6_7
21	-0.21	2	152	263	0.18	1.18	0.92	1.13	0.41	0.16	0.53	82.9	84.1	0.91	YT7_1
22	0.14	2	152	359	0.13	1.97	4.01	2.51	2.25	0.43	0.6	69.7	76.4	0.49	YT7_2
23	2.52	2	152	163	0.1	1.67	4.31	4.76	8.21	-0.01	0.5	43.4	55.3	0.44	YT7_3
24	-0.19	2	152	121	0.24	0.91	-0.59	0.82	-0.49	0.27	0.57	85.5	84.6	1.1	YT8_1
25	-0.03	1	152	123	0.23	0.82	-1.43	0.59	-1.55	0	0.56	86.8	83.4	1.22	YT8_2
26	-0.14	1	152	125	0.24	0.79	-1.63	0.51	-1.81	0	0.58	86.8	84.2	1.25	YT8_3
27	0.03	2	146	119	0.24	0.77	-1.85	0.62	-1.37	-0.04	0.57	88.4	83.3	1.26	YT8_4
28	1.47	2	151	78	0.19	1.02	0.28	0.93	-0.5	0.32	0.53	70.2	72.7	1	YT9_1
29	1.67	2	152	85	0.19	1.02	0.22	0.99	-0.01	-0.1	0.49	67.8	72.4	0.98	YT9_2
30	1.8	2	151	90	0.19	0.94	-0.7	0.92	-0.61	-0.41	0.54	74.2	72	1.13	YT10_1
31	0.01	2	151	131	0.23	1.16	1.21	1.81	2.35	-0.58	0.07	80.8	83.2	0.74	YT10_2
32	-1.13	2	151	144	0.31	0.55	-2.4	0.24	-2.09	-0.79	0.35	96	91.6	1.3	YT10_3
33	0.19	2	151	113	0.22	1.08	0.68	0.95	-0.1	0.27	0.49	78.8	81.7	0.93	YT10_4
34	-1.54	2	150	144	0.36	0.58	-1.74	0.2	-1.86	-0.53	0.36	96.7	93.9	1.25	YT10_5
35	0.08	2	150	120	0.23	1	0.04	0.89	-0.31	0	0.44	80.7	82.7	1.01	YT10_6
36	1.16	2	150	171	0.13	1.22	1.77	1.16	0.64	0.46	0.69	63.3	63.4	0.98	YT10_7
37	1.52	2	150	176	0.12	1.22	1.81	1.19	0.78	0.02	0.61	56.7	59.8	0.89	YT10_8
38	1.21	2	148	217	0.13	0.8	-1.75	0.97	-0.03	-0.35	0.63	68.2	62.8	0.68	YT10_9
39	3.84	2	146	29	0.16	0.77	-1.2	8.43	3.82	0.1	0.28	77.4	84.6	-0.68	YT10_10
40	1.35	1	151	91	0.19	0.73	-3.41	0.63	-2.86	0	0.67	84.8	73.1	1.54	YT11_1
41	1.38	1	151	90	0.19	0.94	-0.73	0.9	-0.66	0	0.54	76.8	73	1.13	YT11_2
42	0.76	1	151	106	0.2	0.75	-2.76	0.65	-2.04	0	0.64	83.4	76.8	1.4	YT11_3
43	1.54	2	143	84	0.19	1.03	0.37	0.97	-0.2	-0.01	0.47	69.2	72.2	0.97	YT11_4
44	1.09	2	143	79	0.2	1.18	1.83	1.25	1.44	0.63	0.49	69.2	74.5	0.67	YT11_5
45	1.1	2	141	97	0.2	0.88	-1.33	0.78	-1.32	-0.13	0.54	79.4	74.5	1.24	YT11_6
46	2.13	1	140	67	0.19	1.4	4.42	1.65	4.14	0	0.19	57.9	71.3	0	YT11_7
47	0.84	1	139	99	0.21	1.09	0.83	1.08	0.46	0	0.4	74.1	76.9	0.87	YT11_8
48	1.86	1	139	74	0.2	1.13	1.51	1.09	0.73	0	0.41	64	71.6	0.73	YT11_9
49	1.58	1	150	173	0.12	0.85	-1.32	0.92	-0.31	0	0.7	64	58.3	1.12	YT12_1
50	1.57	2	150	142	0.12	1.06	0.55	1.49	1.77	0.47	0.65	59.3	59.8	0.54	YT12_2
51	-0.99	2	151	136	0.3	0.87	-0.61	0.48	-1.23	0.06	0.48	90.7	90.7	1.14	YT13_1

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
53	-0.71	2	151	135	0.32	1	0.08	0.55	-0.88	0.36	0.52	90.1	92	1.06	YT13_2
54	-0.8	2	151	131	0.28	0.74	-1.52	0.45	-1.54	0.17	0.6	89.4	88.8	1.23	YT13_3
55	0.67	2	147	130	0.29	0.89	-0.49	0.54	-1.09	0.14	0.5	89.8	90	1.12	YT13_4
56	-0.2	2	151	124	0.21	0.71	-3.14	0.58	-2.4	-0.8	0.52	86.1	77.6	1.44	YT14_1
57	-2.45	2	151	132	0.24	0.74	-1.94	0.63	-1.21	-0.43	0.44	88.7	84.8	1.25	YT14_2
58	2.52	2	151	128	0.51	5.08	5.14	5.41	3.01	2.03	0.5	84.8	97.2	-0.45	YT14_3
59	-1.49	2	148	140	0.19	2.08	9.9	2.92	8.77	-4.21	0.39	41.2	72.6	-1.52	YT14_4
60	2.35	2	147	119	0.37	2.92	4.6	3.12	2.49	1.55	0.55	81.6	94.2	0.13	YT14_5
61	-0.06	1	147	128	0.19	1.69	7.12	2.15	6.39	-2.83	0.37	47.6	71.9	-0.66	YT14_6
62	-0.02	1	146	121	0.24	0.89	-0.73	0.71	-0.92	0	0.49	84.9	84.4	1.14	YT14_7
63	-1.37	1	144	119	0.24	0.76	-1.78	0.56	-1.61	0	0.57	88.2	84.3	1.26	YT14_8
64	-1.86	2	149	139	0.35	0.96	-0.07	0.52	-0.85	0	0.35	92.6	93.4	1.07	YT15_1
65	-1.79	1	149	145	0.42	0.59	-1.34	0.24	-1.39	-0.59	0.27	97.3	95.6	1.2	YT15_2
66	3.01	2	149	142	0.41	0.9	-0.21	0.5	-0.68	0	0.34	95.3	95.3	1.08	YT15_3
			149	142	0.09	1.72	4.09	1.62	1.88	0	0.58	55.7	59.4	0.86	YT16_1

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	-3.32	1	151	145	0.47	1.05	0.25	0.24	-1.01	0	0.4	95.4	96.2	1.06	ZT1_1
2	-1.67	1	151	133	0.31	0.65	-1.91	0.27	-1.86	0	0.66	92.1	90.8	1.28	ZT1_2
3	-3.56	1	151	146	0.51	1.19	0.62	0.57	-0.28	0	0.3	96	96.8	0.94	ZT1_3
4	-3.85	1	151	147	0.56	1.13	0.44	0.93	0.22	0	0.23	98	97.4	0.88	ZT1_4
5	-2.08	1	150	136	0.34	0.99	0.03	0.46	-0.89	0	0.51	92	92.4	1.06	ZT1_5
6	-2.08	1	151	137	0.34	0.73	-1.24	0.24	-1.64	0	0.61	93.4	92.5	1.22	ZT1_6
7	-3.56	1	151	146	0.51	1.26	0.77	0.31	-0.8	0	0.31	96	96.8	0.97	ZT1_7
8	-3.32	1	151	145	0.47	1	0.11	0.24	-1.03	0	0.41	96.7	96.2	1.07	ZT1_8
9	-1.8	1	148	272	0.24	0.67	-1.39	0.37	-0.98	0	0.64	89.2	88.8	1.12	ZT2_1
10	-1.27	1	149	264	0.21	0.74	-1.19	0.5	-0.84	0	0.68	89.9	87.8	1.1	ZT2_2
11	-1.75	1	148	275	0.25	0.41	-2.45	0.06	-1	0	0.64	93.9	92.7	1.22	ZT2_3
12	-1.48	1	147	272	0.25	0.65	-1.17	0.44	-0.03	0	0.61	93.2	92.3	1.16	ZT2_4
13	-1.82	1	146	274	0.27	0.9	-0.22	1.83	0.96	0	0.54	93.2	92.2	0.98	ZT2_5
14	-0.9	1	147	524	0.15	1.76	2.1	2.87	1.47	0	0.64	85.7	87.6	0.75	ZT2_6
15	-0.99	1	146	788	0.13	3.05	4.45	3.97	2.44	0	0.63	86.3	88	0.57	ZT2_7
16	-1.31	1	147	542	0.17	1.09	0.37	3.21	1.66	0	0.62	92.5	93.1	0.9	ZT2_8
17	3.94	1	152	18	0.27	1.21	1.17	3.14	3.09	0	0.15	87.5	88.6	0.69	ZT3_1
18	0.36	1	151	99	0.21	1.45	3.86	1.97	3.73	0	0.29	69.5	78	0.22	ZT3_2
19	1.53	1	152	70	0.19	1.41	4.61	2.15	4.02	0	0.26	61.8	72.7	-0.07	ZT3_3
20	-0.49	1	149	116	0.24	1.36	2.32	1.49	1.51	0	0.37	76.5	84.3	0.64	ZT3_4
21	-2.21	1	149	137	0.36	1.21	0.89	0.95	0.13	0	0.38	91.9	93.2	0.88	ZT3_5
22	1.58	1	149	68	0.19	1.38	4.27	1.8	3.04	0	0.29	60.4	72.6	0.08	ZT3_6
23	0.09	1	148	104	0.22	1.2	1.64	1.43	1.73	0	0.43	76.4	79.8	0.7	ZT3_7
24	3.29	1	149	28	0.23	1.44	2.99	3.85	4.4	0	0.07	77.9	83.3	0.28	ZT3_8
25	0.02	1	146	710	0.09	1.22	0.98	0.74	0.09	0	0.76	80.1	78.8	0.97	ZT4_1
26	-0.97	1	146	261	0.21	0.67	-1.38	0.25	-0.91	0	0.66	90.4	89	1.13	ZT4_2
27	0.21	1	146	682	0.08	1	0.04	0.68	-0.07	0	0.79	74.7	72.9	1.01	ZT4_3
28	-0.19	1	140	722	0.1	1.35	1.54	2.77	1.33	0	0.69	75	77.2	0.72	ZT4_4
29	-0.62	1	140	249	0.19	0.86	-0.55	0.57	-0.46	0	0.6	85.7	85.7	1.07	ZT4_5
30	0.21	1	139	687	0.08	1.75	2.71	4.05	1.99	0	0.68	74.1	73.7	0.8	ZT4_6
31	-0.94	1	139	255	0.22	0.9	-0.28	0.75	-0.09	0	0.55	90.6	90.3	1.04	ZT4_7
32	0.08	1	139	700	0.09	0.96	-0.14	0.48	-0.15	0	0.73	72.7	73.3	1.04	ZT4_8
33	-0.94	1	138	253	0.22	0.91	-0.22	0.75	-0.1	0	0.54	91.3	90.2	1.02	ZT4_9
34	0.21	1	139	682	0.08	1.76	3.13	0.85	0.25	0	0.7	72.7	73.3	0.8	ZT4_10
35	-0.68	1	146	119	0.25	0.85	-1	0.51	-1.65	0	0.6	85.6	85.7	1.2	ZT5_1
36	-0.46	1	147	116	0.24	0.8	-1.52	0.55	-1.7	0	0.63	87.1	84	1.24	ZT5_2
37	0.36	1	146	99	0.21	0.84	-1.58	0.76	-1.27	0	0.62	80.1	77.8	1.25	ZT5_3
38	-0.09	1	139	107	0.23	0.93	-0.53	1.19	0.79	0	0.5	80.6	81.3	1.06	ZT5_4
39	1.32	1	145	75	0.19	0.84	-2	0.74	-1.82	0	0.61	76.6	72.1	1.36	ZT6_1
40	-0.35	1	146	114	0.23	0.97	-0.22	0.7	-1.08	0	0.54	81.5	83	1.09	ZT6_2
41	0.69	1	145	91	0.2	0.86	-1.54	0.81	-1.16	0	0.6	80.7	75.2	1.24	ZT6_3
42	0.3	1	141	100	0.21	0.93	-0.66	0.89	-0.46	0	0.53	80.9	77.8	1.1	ZT6_4
43	-1.66	1	142	130	0.34	1.05	0.29	2.12	1.71	0	0.33	91.5	92.1	0.95	ZT7_1
44	0.17	1	142	103	0.22	1.02	0.25	1.05	0.31	0	0.46	80.3	78.8	0.95	ZT7_2
45	-0.23	1	142	111	0.23	1.08	0.61	1.17	0.67	0	0.41	79.6	82.2	0.89	ZT7_3
46	-0.79	1	142	120	0.26	0.93	-0.37	0.77	-0.55	0	0.49	86.6	86.9	1.08	ZT7_4
47	-1.01	1	142	123	0.28	0.77	-1.34	0.43	-1.64	0	0.58	90.1	88.4	1.22	ZT7_5
48	-0.76	1	141	119	0.27	0.68	-2.14	0.39	-2.07	0	0.64	90.8	86.9	1.31	ZT7_6
49	-1.07	1	141	123	0.29	0.86	-0.73	0.49	-1.34	0	0.53	90.8	88.9	1.15	ZT7_7
50	-0.83	1	141	120	0.27	0.77	-1.38	0.43	-1.8	0	0.59	88.7	87.4	1.24	ZT7_8
51	1.01	1	141	175	0.12	1.12	1.01	0.99	0.09	0	0.63	58.9	62.1	0.93	ZT7_9

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
52	-0.1	1	138	106	0.23	0.86	-1.04	0.75	-0.97	0	0.56	84.8	81.5	1.16	ZT8_1
53	-0.33	1	138	110	0.24	0.91	-0.62	0.92	-0.17	0	0.51	84.8	83.5	1.08	ZT8_2
54	-0.05	1	138	105	0.23	0.88	-0.93	0.83	-0.65	0	0.55	84.8	81.1	1.14	ZT8_3
55	-0.15	1	135	106	0.24	0.7	-2.4	0.5	-2.16	0	0.65	85.2	82	1.35	ZT9_1
56	1.46	1	135	70	0.2	0.9	-1.25	0.8	-1.5	0	0.56	74.1	70.6	1.27	ZT9_2
57	0.17	1	135	100	0.22	1.11	0.93	1.27	1.16	0	0.37	78.5	79.4	0.81	ZT9_3
58	-0.17	1	132	105	0.24	0.71	-2.21	0.57	-1.74	0	0.63	86.4	82.7	1.32	ZT9_4
59	0.2	1	131	98	0.23	0.77	-2.01	0.63	-1.8	0	0.61	85.5	79.6	1.32	ZT9_5
60	1.15	1	127	243	0.1	1.25	1.86	1.42	1.33	0	0.61	52	51.6	0.84	ZT10_1
61	1.37	1	127	222	0.1	1.31	2.27	2.17	3.12	0	0.61	50.4	51.7	0.79	ZT10_2
62	-0.05	1	127	339	0.14	0.68	-1.67	0.35	-0.45	0	0.58	80.3	80	1.17	ZT10_3
63	0.07	1	125	332	0.14	0.6	-2.11	0.32	-0.5	0	0.59	82.4	79.6	1.2	ZT10_4
64	0.9	1	126	465	0.08	1.8	3.52	2.74	1.44	0	0.63	61.9	63.9	0.7	ZT11_1
65	0.91	1	127	83	0.21	0.78	-2.64	0.71	-2.02	0	0.6	82.7	72.6	1.46	ZT12_1
66	0.86	1	127	84	0.21	0.78	-2.57	0.7	-2.03	0	0.6	82.7	72.9	1.45	ZT12_2
67	-0.56	1	122	107	0.29	0.8	-1.07	0.9	-0.16	0	0.45	87.7	87.7	1.16	ZT13_1
68	1.36	1	122	71	0.2	0.87	-1.67	0.79	-1.75	0	0.54	75.4	69.1	1.38	ZT13_2
69	1.65	1	122	64	0.2	1.16	2	1.19	1.58	0	0.3	60.7	68.3	0.55	ZT13_3
70	0.48	1	120	90	0.23	0.89	-1.02	0.8	-0.98	0	0.47	81.7	77	1.19	ZT13_4
71	1.27	1	120	73	0.21	0.77	-3.15	0.69	-2.61	0	0.62	80.8	69.3	1.63	ZT13_5
72	-2.8	1	121	119	0.72	1.03	0.27	2.64	1.52	0	0.01	98.3	98.3	0.94	ZT14_1
73	-0.47	1	122	106	0.28	0.95	-0.22	0.84	-0.37	0	0.34	87.7	86.9	1.05	ZT14_2
74	-0.93	1	122	111	0.33	1	0.08	0.89	-0.1	0	0.27	91	91	1.01	ZT14_3
75	-2.07	1	121	117	0.52	0.98	0.12	0.71	-0.18	0	0.19	96.7	96.7	1.02	ZT14_4
76	-1.29	1	120	112	0.38	0.87	-0.35	0.54	-0.8	0	0.35	93.3	93.3	1.1	ZT14_5
77	-0.83	1	121	109	0.32	1.01	0.13	1.08	0.33	0	0.24	90.1	90.1	0.98	ZT14_6
78	0.62	1	122	88	0.22	0.8	-2.05	0.7	-1.72	0	0.56	82.8	75.2	1.36	ZT14_7
79	-0.46	1	121	105	0.28	0.88	-0.64	0.7	-0.82	0	0.42	86	86.8	1.13	ZT15_1
80	1.16	1	121	75	0.21	0.89	-1.4	0.81	-1.43	0	0.52	72.7	70	1.31	ZT15_2
81	1.65	1	122	64	0.2	0.91	-1.24	0.89	-1	0	0.51	73.8	68.2	1.27	ZT15_3
82	0.48	1	121	90	0.23	0.83	-1.57	0.95	-0.15	0	0.5	79.3	76.7	1.23	ZT15_4
83	0.29	1	112	90	0.25	1.03	0.3	1.54	1.93	0	0.22	78.6	80.6	0.89	ZT16_1
84	2.94	1	110	33	0.23	0.94	-0.5	0.98	-0.07	0	0.45	76.4	74.7	1.08	ZT16_2
85	1.53	1	111	65	0.21	1.02	0.33	0.99	-0.05	0	0.37	63.1	67.1	0.95	ZT16_3
86	1.6	1	110	63	0.21	1.01	0.12	1.04	0.35	0	0.38	66.4	67	0.97	ZT16_4
87	3.54	1	111	23	0.25	1	0.03	1.07	0.36	0	0.36	81.1	81	0.98	ZT16_5
88	1.43	1	111	143	0.12	0.89	-0.95	0.83	-0.5	0	0.58	51.4	49.5	1.08	ZT17_1
89	1.37	1	110	68	0.21	0.81	-2.6	0.81	-1.51	0	0.55	80	68	1.54	ZT17_2
90	1.48	1	111	137	0.13	0.84	-1.53	0.76	-1.27	0	0.61	51.4	48.5	1.2	ZT17_3
91	2.31	1	108	86	0.13	0.87	-1.06	0.84	-0.81	0	0.65	53.7	49.9	1.11	ZT17_4
92	0.84	1	108	78	0.23	0.91	-0.87	0.8	-1.1	0	0.44	74.1	73.6	1.2	ZT17_5
93	2.14	1	111	51	0.21	0.96	-0.5	0.95	-0.49	0	0.45	66.7	67.7	1.14	ZT18_1
94	2.05	1	111	53	0.21	1	-0.03	0.99	-0.02	0	0.41	66.7	67.4	1.02	ZT18_2
95	2.14	1	111	51	0.21	0.94	-0.77	0.9	-0.97	0	0.47	70.3	67.7	1.21	ZT18_3
96	1.12	1	109	73	0.22	0.94	-0.71	0.87	-0.82	0	0.43	72.5	70.3	1.18	ZT18_4
97	0.62	1	152	947	0.06	1.63	2.19	3.31	1.89	0	0.78	80.9	82.3	0.86	ZT19_1
98	1.38	1	152	613	0.05	2.09	4.64	2.6	2.12	0	0.74	64.5	63	0.79	ZT19_2
99	1.38	1	152	381	0.08	0.91	-0.69	0.7	-0.69	0	0.81	52	48.5	1.06	ZT19_3

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	0.58	1	237	181	0.17	1.11	1.29	1.03	0.23	0	0.33	74.6	78.7	0.87	ZT1_1
2	0.92	1	237	168	0.16	1	0.04	0.89	-0.76	0	0.44	73.7	75.3	1.03	ZT1_2
3	0.74	1	237	175	0.16	1.04	0.52	0.96	-0.18	0	0.39	74.2	77	0.96	ZT1_3
4	2.14	2	233	186	0.15	1.28	4.5	1.38	3.89	-1.79	0.32	60.3	69.5	0.21	ZT1_4
5	0.57	1	232	179	0.17	1.04	0.5	0.92	-0.43	0	0.37	77.1	79	0.98	ZT1_5
6	2.94	2	237	197	0.15	2.07	9.9	2.73	9.82	-2.82	0.49	36.4	73.5	-1.19	ZT2_1
7	1.53	2	237	142	0.15	0.98	-0.28	0.9	-1.03	0.01	0.48	67.8	71.1	1.09	ZT2_2
8	0.29	2	237	144	0.18	1.8	6.55	1.93	3.73	1.2	0.45	64.4	81.8	0.09	ZT2_3
9	1.6	2	231	149	0.15	0.92	-1.27	0.86	-1.47	-0.27	0.48	73	70.8	1.21	ZT2_4
10	0.81	1	237	973	0.06	1.44	2.73	1.26	0.57	0	0.61	70.3	70.2	0.86	ZT3_1
11	2.47	1	237	99	0.15	0.99	-0.2	1.01	0.17	0	0.46	72	70.4	1.02	ZT4_1
12	1.91	1	237	125	0.15	1.03	0.47	0.95	-0.53	0	0.45	66.9	69.8	0.98	ZT4_2
13	2.56	1	237	95	0.15	0.99	-0.17	1.02	0.25	0	0.46	73.7	70.8	1	ZT4_3
14	1.63	1	237	287	0.09	0.89	-1.25	0.75	-1.26	0	0.66	58.1	57.7	1.09	ZT5_1
15	1.36	1	237	318	0.1	0.88	-1.36	0.92	-0.32	0	0.64	63.6	58.9	1.08	ZT5_2
16	2.02	1	237	240	0.09	1.16	1.8	1.18	1.09	0	0.58	55.5	53	0.88	ZT5_3
17	1.61	1	221	282	0.1	1.06	0.69	1.13	0.72	0	0.56	53.6	56.6	0.94	ZT5_4
18	2.24	1	219	106	0.15	0.83	-3.1	0.76	-2.98	0	0.58	75.7	68.9	1.5	ZT5_5
19	2.08	1	219	229	0.09	1.12	1.34	0.97	-0.07	0	0.59	56.4	56.5	0.93	ZT5_6
20	0.34	1	232	407	0.13	1.03	0.28	1.34	0.84	0	0.43	80.1	79.7	0.98	ZT6_1
21	0.12	1	232	418	0.14	1.04	0.32	0.52	-1.14	0	0.44	85.7	84.5	1.03	ZT6_2
22	0.89	1	232	168	0.16	0.89	-1.46	0.75	-1.89	0	0.5	79.2	75.6	1.22	ZT6_3
23	-0.09	1	232	199	0.2	0.88	-0.96	0.65	-1.49	0	0.44	86.6	86.2	1.14	ZT6_4
24	1.47	1	232	304	0.09	0.93	-0.82	0.74	-1.31	0	0.63	61.5	57.7	1.08	ZT6_5
25	1.43	1	231	309	0.09	1.24	2.44	1.24	1.06	0	0.51	56.5	57.7	0.84	ZT6_6
26	0.96	1	231	165	0.16	0.84	-2.19	0.7	-2.37	0	0.54	77.8	74.9	1.31	ZT7_1
27	1.12	1	231	159	0.16	0.82	-2.78	0.7	-2.63	0	0.56	77.8	73.5	1.38	ZT7_2
28	1.94	1	231	123	0.15	1.06	1.03	1.04	0.47	0	0.4	66.1	69.2	0.85	ZT7_3
29	1.91	1	229	124	0.15	1.09	1.52	1.08	0.89	0	0.37	64.5	69.2	0.77	ZT7_4
30	1.46	1	230	144	0.15	1.05	0.82	1.05	0.49	0	0.39	69.4	71.1	0.89	ZT8_1
31	0.21	1	230	190	0.19	1.07	0.69	1.18	0.87	0	0.27	83	83.2	0.9	ZT8_2
32	-1.38	1	230	219	0.32	0.92	-0.23	0.84	-0.19	0	0.26	95.2	95.2	1.04	ZT8_3
33	0.16	1	229	191	0.19	0.93	-0.64	0.8	-0.89	0	0.4	84.2	83.9	1.09	ZT8_4
34	-2.03	1	229	223	0.42	1.05	0.25	0.88	-0.01	0	0.13	97.4	97.4	0.98	ZT8_5
35	-0.45	1	229	205	0.23	0.95	-0.27	0.76	-0.75	0	0.34	89.5	89.7	1.06	ZT8_6
36	1.01	1	229	348	0.1	0.91	-0.91	0.68	-1.41	0	0.58	68	64.1	1.1	ZT8_7
37	1.36	1	228	315	0.1	0.89	-1.25	0.77	-0.99	0	0.61	59.5	58.4	1.08	ZT8_8
38	0.77	1	228	366	0.11	0.82	-1.69	0.61	-1.68	0	0.58	72.7	67.8	1.14	ZT8_9
39	3.38	1	228	87	0.11	1	0.02	1.51	1.1	0	0.55	74.9	74.1	0.98	ZT8_10
40	1.04	1	229	339	0.11	1.15	1.51	1.35	1.78	0	0.46	58.8	62.4	0.84	ZT9_1
41	0.89	1	229	167	0.16	0.89	-1.51	0.89	-0.74	0	0.48	78.5	75.8	1.19	ZT9_2
42	1.19	1	229	155	0.16	0.84	-2.43	0.76	-2.1	0	0.54	79.8	73	1.33	ZT9_3
43	-0.1	2	225	173	0.21	1.44	2.95	1.2	0.79	0.77	0.49	78.1	86.8	0.69	ZT9_4
44	-0.33	2	221	169	0.23	1.86	4.46	1.37	1.2	1.05	0.5	76.4	89.2	0.49	ZT9_5
45	-0.05	2	221	170	0.21	1.46	3.05	1.28	1.08	0.75	0.46	78.6	86.6	0.66	ZT9_6

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
46	1.43	2	228	253	0.09	0.98	-0.23	1.75	2.41	0.49	0.58	56.4	59.6	-0.58	ZT10_1
47	1.37	2	228	155	0.15	1	0.02	0.91	-0.8	-0.18	0.4	65.6	71.6	1.04	ZT10_2
48	1.48	2	228	257	0.1	0.93	-0.74	0.97	-0.14	0.38	0.68	58.6	56.2	1.02	ZT10_3
49	0.36	2	227	217	0.18	0.53	-5.54	0.41	-3.8	-1.95	0.22	93.8	81.8	1.52	ZT11_1
50	0.25	1	227	187	0.19	0.88	-1.13	0.74	-1.25	0	0.44	84.1	83	1.15	ZT11_2
51	1.25	1	227	152	0.16	1.03	0.39	1.28	2.22	0	0.38	71.2	72.6	0.91	ZT11_3
52	0.65	1	224	173	0.17	1.01	0.12	0.98	-0.08	0	0.36	79.8	78.7	0.99	ZT11_4
53	3.66	1	222	51	0.18	1.02	0.24	1.01	0.12	0	0.39	80.5	79.7	0.97	ZT11_5
54	-0.42	1	222	199	0.23	0.99	-0.01	0.97	0.02	0	0.29	89.6	89.8	1	ZT11_6
55	0.31	1	222	182	0.19	0.83	-1.63	0.7	-1.53	0	0.48	85.1	82.7	1.19	ZT11_7
56	-0.49	2	220	171	0.24	2.13	5.05	2.76	3.79	1.13	0.34	78.5	90.5	0.23	ZT11_8
57	1.3	1	227	150	0.16	1.22	3.16	1.21	1.75	0	0.25	62.4	72.2	0.55	ZT12_1
58	1.7	1	226	132	0.15	1.1	1.64	1.09	0.98	0	0.36	64.9	69.9	0.75	ZT12_2
59	3.17	1	227	209	0.07	2.34	7.93	5.51	9.1	0	0.4	47.8	58.9	0.31	ZT13_1

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	0.58	2	120	79	0.23	1.2	1.66	1.17	0.99	0.42	0.42	71.7	76.8	0.72	ZT1_1
2	0.74	2	120	83	0.22	0.98	-0.14	0.97	-0.11	0.07	0.46	75.8	75.3	1.03	ZT1_2
3	0.57	2	120	83	0.23	1.13	1.15	1.09	0.52	0.24	0.41	72.5	76.9	0.82	ZT1_3
4	1.04	1	120	78	0.21	0.91	-0.97	0.83	-1.33	0	0.53	73.3	72.7	1.22	ZT1_4
5	0.34	1	120	92	0.24	0.96	-0.24	0.95	-0.18	0	0.43	80.8	79.2	1.04	ZT1_5
6	-0.16	1	120	100	0.27	0.91	-0.56	0.72	-1.02	0	0.47	82.5	84	1.13	ZT2_1
7	0.4	1	120	91	0.23	0.97	-0.19	0.83	-0.86	0	0.46	75	78.6	1.08	ZT2_2
8	1.97	1	120	56	0.2	1.16	1.94	1.38	3.14	0	0.26	62.5	68.6	0.45	ZT2_3
9	2.05	1	118	54	0.2	1	-0.02	1.12	1.06	0	0.41	68.6	68.2	0.95	ZT2_4
10	0.81	2	120	485	0.09	2.67	5.69	5.19	2.58	-0.14	0.49	59.2	67.7	0.28	ZT3_1
11	2.47	2	120	50	0.21	1.01	0.18	1.01	0.11	-0.24	0.45	70.8	70.5	0.96	ZT4_1
12	1.91	2	120	64	0.2	0.85	-2.04	0.83	-1.66	-0.26	0.58	76.7	68.6	1.42	ZT4_2
13	2.56	2	120	53	0.21	1.12	1.39	1.14	0.96	-0.44	0.42	68.3	71.1	0.71	ZT4_3
14	1.63	2	120	149	0.13	0.79	-1.85	0.67	-1.64	-0.25	0.71	55	52.5	1.06	ZT5_1
15	1.61	2	120	146	0.13	0.9	-0.88	0.78	-1.16	-0.2	0.67	53.3	51.6	1.09	ZT5_2
16	1.26	1	120	155	0.13	0.76	-1.97	0.65	-1.55	0	0.72	63.3	60.6	1.16	ZT5_3
17	1.43	1	115	143	0.13	0.91	-0.71	0.95	-0.16	0	0.64	59.1	56.3	1.05	ZT5_4
18	2.08	2	115	112	0.12	1.05	0.47	1.33	1.18	-0.12	0.6	55.7	54.6	1	ZT5_5
19	2.28	1	115	48	0.21	0.8	-2.7	0.73	-2.45	0	0.59	80.9	68.4	1.59	ZT5_6
20	0.34	2	119	211	0.16	0.73	-1.6	0.5	-1.11	-0.38	0.53	80.7	76.6	1.11	ZT6_1
21	0.89	2	119	68	0.22	1.17	1.58	1.18	1.21	0.58	0.47	64.7	74	0.71	ZT6_2
22	1.43	2	119	156	0.13	1.33	2.42	1.88	3.1	-0.18	0.47	53.8	58.5	0.8	ZT6_3
23	0.36	1	116	194	0.17	0.8	-1.06	0.69	-0.64	0	0.63	81.9	77	1.1	ZT6_4
24	-0.63	1	115	102	0.31	0.77	-1.13	0.47	-1.64	0	0.54	90.4	88.7	1.2	ZT6_5
25	1.54	1	115	65	0.21	0.94	-0.74	0.96	-0.34	0	0.49	72.2	69.6	1.15	ZT6_6
26	0.69	1	116	84	0.23	0.88	-1.11	0.72	-1.73	0	0.54	79.3	76.2	1.24	ZT7_1
27	1.08	1	116	76	0.22	0.83	-1.81	0.74	-2.07	0	0.58	75	72.3	1.37	ZT7_2
28	1.83	1	116	59	0.21	1.08	1	1.1	0.93	0	0.35	63.8	68.2	0.76	ZT7_3
29	1.71	1	114	61	0.21	1	0.04	0.99	-0.05	0	0.43	68.4	68.6	1	ZT7_4
30	1.46	2	115	64	0.21	1.07	0.8	1.08	0.7	0.14	0.39	66.1	69.7	0.83	ZT8_1
31	0.21	2	115	86	0.25	1.26	1.74	1.34	1.41	0.34	0.33	77.4	81.3	0.7	ZT8_2
32	-1.38	2	115	103	0.41	1.63	1.75	1.18	0.49	0.7	0.39	89.6	94.1	0.75	ZT8_3
33	0.16	2	113	101	0.26	0.7	-2.24	0.57	-2.04	-0.86	0.34	87.6	82	1.34	ZT8_4
34	-2.03	2	113	107	0.54	1.5	1.09	1.03	0.31	0.55	0.34	94.7	96.7	0.87	ZT8_5
35	-0.45	2	113	102	0.3	0.67	-1.84	0.41	-2.08	-0.33	0.48	92	87.6	1.28	ZT8_6
36	1.01	2	113	175	0.15	0.71	-2.22	0.82	-0.65	-0.27	0.65	70.8	64.1	1.19	ZT8_7
37	1.36	2	113	156	0.13	0.86	-1.08	0.67	-1.48	-0.18	0.69	65.5	59.9	1.33	ZT8_8
38	0.77	2	113	175	0.15	0.62	-2.81	0.4	-2.65	-0.05	0.75	76.1	67.6	1.33	ZT8_9
39	3.38	2	113	45	0.16	1.33	1.76	1.75	1	-0.3	0.47	72.6	75.7	0.66	ZT8_10
40	0.57	1	114	85	0.24	1.02	0.22	0.95	-0.21	0	0.4	78.1	77.7	0.99	ZT9_1
41	0.94	1	114	78	0.22	0.92	-0.79	0.85	-1.05	0	0.5	74.6	74.1	1.17	ZT9_2
42	0.46	1	114	87	0.24	0.99	-0.06	0.95	-0.17	0	0.41	79.8	78.9	1.02	ZT9_3
43	-0.18	1	112	95	0.28	0.76	-1.44	0.58	-1.54	0	0.57	88.4	85.3	1.23	ZT9_4
44	0.25	1	112	89	0.26	0.8	-1.45	0.6	-1.93	0	0.59	82.1	81.2	1.27	ZT9_5
45	1.19	2	112	80	0.22	0.95	-0.5	0.89	-0.8	-0.41	0.4	74.1	72	1.13	ZT9_6
46	0.9	1	111	77	0.23	1.01	0.11	0.98	-0.11	0	0.42	73	74.8	1	ZT9_7
47	-0.01	1	111	92	0.27	0.91	-0.52	0.74	-0.94	0	0.47	85.6	83.8	1.11	ZT9_8
48	1	1	111	75	0.22	0.85	-1.47	0.81	-1.36	0	0.56	79.3	73.9	1.28	ZT9_9
49	1.43	2	114	87	0.13	0.96	-0.3	1.92	2.94	0.9	0.58	39.5	59.1	-2.21	ZT10_1
50	1.37	2	114	71	0.21	0.89	-1.22	0.91	-0.77	-0.1	0.5	78.1	70.3	1.23	ZT10_2
51	1.48	2	114	75	0.13	1.03	0.29	1.42	2.11	1.1	0.63	44.7	51.9	-0.6	ZT10_3

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
52	-1.7	1	114	109	0.47	1.06	0.28	0.86	0	0	0.18	95.6	95.6	0.98	ZT11_1
53	0.51	1	114	86	0.24	0.91	-0.72	0.85	-0.72	0	0.49	78.9	78.2	1.14	ZT11_2
54	0.36	2	114	106	0.25	0.72	-2.23	0.61	-2.02	-1.62	0.15	86	79.9	1.35	ZT11_3
55	0.25	2	113	93	0.25	0.68	-2.5	0.59	-2.03	-0.23	0.58	88.5	81.1	1.37	ZT11_4
56	-0.49	2	113	89	0.31	1.84	3.39	1.91	2.16	0.79	0.27	77	88	0.38	ZT11_5
57	0.83	1	112	79	0.23	0.85	-1.36	0.8	-1.25	0	0.55	82.1	75.4	1.25	ZT11_6
59	0.18	1	112	90	0.26	0.89	-0.7	0.93	-0.2	0	0.47	82.1	81.9	1.11	ZT11_8
60	-0.18	1	112	95	0.28	0.8	-1.19	0.62	-1.35	0	0.55	86.6	85.3	1.21	ZT11_9
61	-0.54	1	112	99	0.31	0.82	-0.85	0.48	-1.65	0	0.52	88.4	88.4	1.18	ZT11_10
62	-0.75	1	112	101	0.34	0.79	-0.89	0.48	-1.43	0	0.51	90.2	90.2	1.18	ZT11_11
63	1.3	2	113	63	0.21	1.07	0.75	1.05	0.45	0.31	0.44	69.9	70.9	0.86	ZT12_1
64	1.7	2	113	58	0.21	1.01	0.16	0.95	-0.44	0.13	0.44	65.5	68.6	1.01	ZT12_2
65	2.59	1	112	132	0.09	1.56	3	2.42	4.21	0	0.52	45.5	45.1	0.69	ZT13_1

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
1	0.74	2	126	76	0.23	1.51	3.84	1.56	2.35	0.86	0.36	64.3	77.8	0.28	ZT1_1
2	0.92	2	126	74	0.22	1.31	2.67	1.31	1.53	0.76	0.44	66.7	75.8	0.51	ZT1_2
3	1.64	1	126	75	0.2	0.9	-1.36	0.83	-1.39	0	0.51	68.3	69.4	1.31	ZT1_3
4	2.14	2	122	93	0.2	1.18	2.36	1.26	2.16	-1.42	0.3	59	67.7	0.4	ZT1_4
5	1.1	1	121	85	0.22	1.01	0.14	0.93	-0.35	0	0.39	71.9	74.3	1.01	ZT1_5
6	2.94	2	126	108	0.21	2.1	9.73	2.52	7.52	-2.94	0.39	31	71.5	-1.52	ZT2_1
7	1.53	2	126	74	0.2	1.08	1.03	1.03	0.24	0.15	0.37	65.1	70.1	0.82	ZT2_2
8	0.29	2	126	83	0.25	1.77	4.33	1.98	2.88	1.02	0.35	68.3	82.8	0.18	ZT2_3
9	1.6	2	124	83	0.2	1.06	0.71	1.01	0.16	-0.34	0.32	66.9	69.8	0.88	ZT2_4
10	1.12	1	125	491	0.08	1.47	2.37	1.95	1.54	0	0.62	56	60.5	0.84	ZT3_1
11	1.31	1	126	83	0.21	1.2	2.15	1.23	1.48	0	0.22	67.5	72	0.55	ZT4_1
12	1.91	2	126	74	0.2	1.22	2.91	1.26	2.17	-0.23	0.2	58.7	68.1	0.3	ZT4_2
13	1.64	1	126	75	0.2	1.05	0.63	1.04	0.35	0	0.37	66.7	69.4	0.87	ZT4_3
14	1.49	1	126	166	0.13	0.87	-1.1	1.61	2.42	0	0.59	55.6	56.2	1.05	ZT5_1
15	1.36	2	126	183	0.13	0.8	-1.67	0.79	-0.67	-0.12	0.58	61.9	59.9	0.87	ZT5_2
16	2.02	2	126	130	0.12	1.03	0.33	1.2	1.01	0.03	0.5	48.4	49.1	0.48	ZT5_3
17	2.01	1	120	131	0.12	1.27	2.39	1.27	1.33	0	0.45	44.2	47.8	0.72	ZT5_4
18	2.24	2	120	51	0.2	0.86	-2.11	0.86	-1.36	0.3	0.52	76.7	67	1.46	ZT5_5
19	2.41	1	119	104	0.12	0.9	-1	0.85	-0.63	0	0.6	48.7	47.4	1.09	ZT5_6
20	0.12	1	126	228	0.19	1.21	0.95	0.77	-0.29	0	0.37	81.7	83.8	0.97	ZT6_1
21	0.12	2	126	224	0.2	0.92	-0.3	0.56	-0.7	0.19	0.52	84.9	84.5	0.89	ZT6_2
22	-0.09	2	126	114	0.28	0.73	-1.58	0.6	-1.28	-0.47	0.33	88.1	86.6	1.23	ZT6_3
23	0.95	1	126	199	0.14	0.88	-0.77	0.57	-1.17	0	0.59	73.8	69.3	1.1	ZT6_4
24	1.47	2	126	172	0.13	1.03	0.3	0.99	0.06	-0.05	0.57	58.7	57	1.16	ZT6_5
25	1.57	1	124	161	0.13	1.67	4.73	2.63	4.74	0	0.26	46	56.7	0.41	ZT6_6
26	0.96	2	126	83	0.22	0.94	-0.57	0.82	-0.96	0.35	0.57	77	75.4	1.14	ZT7_1
27	1.12	2	126	73	0.21	0.99	-0.05	0.9	-0.55	0.6	0.6	72.2	73.7	1.05	ZT7_2
28	1.94	2	126	64	0.2	1.07	1.04	1.04	0.42	0.12	0.36	62.7	68	0.79	ZT7_3
29	1.91	2	126	63	0.2	1.01	0.22	0.97	-0.21	0.19	0.42	62.7	68.1	0.98	ZT7_4
30	1.87	1	126	69	0.2	0.94	-0.76	0.89	-0.95	0	0.47	72.2	68.2	1.2	ZT8_1
31	0.9	1	126	92	0.22	0.89	-1.01	0.83	-0.85	0	0.47	79.4	76	1.18	ZT8_2
32	2.07	1	126	64	0.2	0.97	-0.41	0.92	-0.75	0	0.45	70.6	67.7	1.13	ZT8_3
33	0.66	1	123	95	0.23	0.93	-0.53	0.94	-0.21	0	0.42	82.1	79.1	1.08	ZT8_4
34	-0.08	1	120	104	0.29	0.73	-1.53	0.6	-1.22	0	0.54	89.2	86.9	1.23	ZT8_5
35	0.97	1	120	87	0.22	0.95	-0.43	0.93	-0.3	0	0.42	78.3	75.9	1.08	ZT8_6
36	0.04	1	119	102	0.28	0.84	-0.91	0.73	-0.76	0	0.45	88.2	86.1	1.15	ZT8_7
37	1.65	1	118	149	0.13	0.98	-0.16	0.94	-0.24	0	0.57	59.3	53.2	1.04	ZT8_8
38	1.29	1	118	170	0.14	0.84	-1.22	0.73	-1.11	0	0.62	64.4	60.1	1.14	ZT8_9
39	1.48	1	118	161	0.13	0.74	-2.25	0.56	-1.94	0	0.68	61.9	56.9	1.22	ZT8_10
40	1.22	1	126	85	0.21	0.95	-0.52	0.86	-0.85	0	0.45	73	72.8	1.13	ZT9_1
41	1.71	1	126	73	0.2	1.01	0.17	1	0.02	0	0.4	70.6	68.8	0.97	ZT9_2
42	1.22	1	126	85	0.21	0.87	-1.48	0.76	-1.61	0	0.53	74.6	72.8	1.31	ZT9_3
43	1.04	2	123	176	0.15	1.07	0.53	1.22	0.91	0.2	0.47	64.2	62.3	0.6	ZT9_4
44	0.89	2	122	92	0.22	0.84	-1.47	0.72	-1.53	-0.09	0.49	79.5	76.6	1.28	ZT9_5
45	0.66	1	121	94	0.24	0.92	-0.58	0.79	-0.92	0	0.44	81	79.3	1.13	ZT9_6
46	1.42	1	120	78	0.21	1	0.06	0.99	-0.01	0	0.39	70.8	71.2	0.99	ZT9_7
47	0.63	1	120	94	0.24	0.95	-0.31	0.95	-0.13	0	0.39	79.2	79.8	1.05	ZT9_8
48	1.28	1	120	81	0.21	1.12	1.27	1.13	0.83	0	0.28	68.3	72.5	0.75	ZT9_9
49	1.44	1	126	256	0.1	0.76	-1.89	0.68	-1.23	0	0.71	58.7	52.1	1.14	ZT10_1
50	1.39	1	126	81	0.2	0.96	-0.4	0.94	-0.38	0	0.43	73	71.2	1.08	ZT10_2
51	1.48	2	126	149	0.13	0.87	-1.14	0.91	-0.38	0.27	0.66	61.1	56.3	1	ZT10_3

ENTRY	MSR	ST	COUNT	SCORE	ERROR	IN.MSQ	IN.ZST	OUT.MS	OUT.ZS	DISPL	PTMEAS	OBSMA	EXPMA	DISCRM	NAME
52	0.36	2	124	120	0.25	0.52	-4.05	0.42	-2.74	-2.24	0.11	94.4	82.4	1.51	ZT11_1
53	0.25	2	124	104	0.26	0.82	-1.23	0.72	-1.01	-0.07	0.46	85.5	83.6	1.19	ZT11_2
54	1.98	1	124	66	0.2	0.97	-0.4	0.97	-0.24	0	0.43	66.9	67.6	1.1	ZT11_3
55	0.92	1	124	91	0.22	0.92	-0.74	0.85	-0.76	0	0.45	79.8	76	1.14	ZT11_4
56	4.01	1	122	21	0.26	1.03	0.22	1.11	0.47	0	0.31	82.8	84	0.97	ZT11_5
57	-0.9	1	120	112	0.38	1.09	0.4	1.11	0.37	0	0.14	93.3	93.3	0.93	ZT11_6
58	-0.13	1	120	105	0.29	0.9	-0.47	0.87	-0.26	0	0.37	90	87.7	1.07	ZT11_7
59	-0.49	2	120	99	0.33	1.93	3.18	2.23	2.3	0.81	0.2	82.5	90.6	0.39	ZT11_8
60	-0.18	2	124	110	0.29	0.81	-0.97	0.56	-1.32	-0.11	0.42	89.5	87.8	1.18	ZT12_1
61	-0.54	2	124	113	0.33	0.8	-0.82	0.59	-1.01	-0.04	0.42	91.1	90.8	1.15	ZT12_2
62	-0.75	2	124	114	0.35	0.89	-0.35	0.77	-0.38	0.06	0.38	91.9	92.3	1.08	ZT12_3
63	1.83	1	123	69	0.2	1.1	1.3	1.09	0.81	0	0.32	62.6	68.1	0.71	ZT13_1
64	1.7	2	122	64	0.2	1.05	0.72	1.04	0.33	0.31	0.41	66.4	68.8	0.85	ZT13_2
65	3.08	1	124	114	0.09	1.85	4.65	4.47	6.28	0	0.42	48.4	55.5	0.59	ZT14_1

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
1	-0.17	1	99	156	0.14	1.04	0.29	0.84	-0.44	0	0.45	62.2	61.3	1	WT1_1
2	-0.35	1	99	164	0.15	0.93	-0.35	0.89	-0.17	0	0.45	71.1	70.1	1.07	WT1_2
3	-0.51	1	99	170	0.17	0.89	-0.47	1.12	0.41	0	0.44	80	76.9	1.07	WT1_3
4	0.99	1	99	84	0.13	1.29	2.48	1.33	1.27	0	0.45	33.3	34.9	0.42	WT1_4
5	0.02	1	98	146	0.13	0.8	-1.56	0.62	-1.62	0	0.55	58.4	53	1.33	WT1_5
6	0.92	1	98	88	0.12	1.01	0.08	1.28	1.26	0	0.54	39.3	41.5	0.93	WT1_6
7	-0.84	1	99	180	0.2	0.9	-0.28	0.73	-0.25	0	0.39	84.4	84.6	1.06	WT2_1
8	0.02	1	99	146	0.13	0.91	-0.64	0.82	-0.64	0	0.51	53.3	53.4	1.14	WT2_2
9	0.32	1	99	128	0.13	0.79	-2.08	0.65	-1.96	0	0.6	46.7	41.8	1.46	WT2_3
10	0.05	1	98	144	0.13	0.88	-0.94	0.68	-1.36	0	0.53	56.2	52.5	1.24	WT2_4
11	0.53	1	97	114	0.12	0.94	-0.63	0.91	-0.47	0	0.54	29.5	30.4	1.15	WT2_5
12	0.8	1	97	96	0.12	1.26	2.38	1.21	1.04	0	0.44	33	36.3	0.45	WT2_6
13	-0.26	1	99	160	0.15	1.07	0.47	0.97	0.03	0	0.41	64.4	66.5	0.93	WT3_1
14	-1.12	1	99	186	0.24	0.95	-0.03	0.55	-0.35	0	0.35	90	90.4	1.06	WT3_2
15	-0.13	1	99	154	0.14	0.82	-1.24	0.64	-1.28	0	0.54	64.4	60.9	1.26	WT3_3
16	0.65	1	99	106	0.12	1.16	1.58	1.13	0.7	0	0.48	32.2	34.9	0.65	WT3_4
17	-0.84	1	99	180	0.2	1.02	0.15	0.62	-0.48	0	0.38	84.4	84.6	1.03	WT3_5
18	-0.26	1	99	160	0.15	0.91	-0.47	0.7	-0.87	0	0.48	67.8	66.5	1.13	WT3_6
19	-0.14	1	97	154	0.14	0.96	-0.21	0.9	-0.22	0	0.43	60.2	60.3	1.04	WT4_1
20	-0.02	1	97	148	0.14	1	0.07	0.81	-0.67	0	0.44	52.3	52.9	1.05	WT4_2
21	0.59	1	97	110	0.12	1.16	1.56	1.21	1.22	0	0.44	29.5	33.6	0.6	WT4_3
22	-1.63	1	97	190	0.37	1.07	0.32	0.34	-0.17	0	0.19	96.6	97	1.03	WT4_4
23	1.02	1	97	82	0.13	1.33	2.75	1.5	2.06	0	0.41	26.1	33.7	0.28	WT4_5
24	0.35	1	97	126	0.12	1.01	0.12	0.94	-0.27	0	0.49	35.2	32.7	1.01	WT4_6

ENTRY	MEASURE	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
1	0.19	1	87	148	0.17	0.89	-0.51	0.73	-0.71	0	0.43	70.1	67.8	1.13	WT1_1
2	0.14	1	87	150	0.17	0.93	-0.25	0.64	-0.97	0	0.41	76.6	73.5	1.11	WT1_2
3	-0.56	1	87	166	0.27	0.74	-0.51	0.34	-0.85	0	0.37	94.8	93.3	1.15	WT1_3
4	0.99	2	87	72	0.13	1.57	4.8	1.86	4.62	0.59	0.37	22.1	35.2	-0.58	WT1_4
5	0.02	2	86	164	0.19	0.47	-2.58	0.28	-2.19	-0.55	0.29	86.8	81	1.41	WT1_5
6	0.92	2	86	146	0.13	0.77	-2.34	0.69	-2.19	-0.69	0.45	36.8	31.9	1.58	WT1_6
7	0.01	1	87	154	0.18	0.81	-0.74	0.54	-1.13	0	0.44	81.8	80.1	1.18	WT2_1
8	0.02	2	87	148	0.18	1.69	2.44	2.41	2.5	0.18	0.11	72.7	80	0.36	WT2_2
9	0.79	1	87	120	0.13	0.94	-0.5	0.97	-0.09	0	0.49	35.1	32.7	1.11	WT2_3
10	0.3	1	87	144	0.16	0.82	-0.98	0.59	-1.44	0	0.49	70.1	67.5	1.24	WT2_4
11	0.53	2	86	124	0.14	0.95	-0.28	0.85	-0.56	0.17	0.55	52.6	51.6	1.09	WT2_5
12	0.8	2	86	88	0.13	1.43	3.34	1.41	2.08	0.51	0.5	30.3	33.1	0.16	WT2_6
13	-0.26	2	87	154	0.22	1.31	0.99	0.71	-0.36	0.28	0.44	85.7	89.4	0.91	WT3_1
14	-0.43	1	87	164	0.25	0.81	-0.41	0.45	-0.76	0	0.36	93.5	92.2	1.12	WT3_2
15	-0.13	2	87	154	0.2	1.39	1.32	1.02	0.2	0.15	0.29	80.5	83.9	0.8	WT3_3
16	0.65	2	87	146	0.14	0.75	-2.12	0.63	-1.97	-0.41	0.43	45.5	40.9	1.46	WT3_4
17	-0.32	1	87	162	0.23	0.92	-0.12	0.58	-0.58	0	0.34	90.9	90	1.08	WT3_5
18	-0.06	1	87	156	0.19	0.86	-0.45	0.83	-0.21	0	0.38	84.4	83	1.09	WT3_6
19	-0.06	1	87	156	0.19	1.34	1.25	2.16	2	0	0.1	80.5	83	0.67	WT4_1
20	-0.14	1	87	158	0.2	0.93	-0.16	0.85	-0.14	0	0.33	84.4	84	1.04	WT4_2
21	0.59	2	87	118	0.14	1.21	1.54	1.17	0.8	0.24	0.46	45.5	50.2	0.68	WT4_3
22	-0.73	1	87	168	0.31	0.88	-0.07	0.32	-0.68	0	0.3	94.8	94.4	1.1	WT4_4
23	1.02	2	87	122	0.13	0.98	-0.2	0.94	-0.35	-0.26	0.46	37.7	34.9	1.08	WT4_5
24	0.35	2	87	168	0.15	0.51	-3.46	0.36	-2.79	-1.16	0.27	71.4	63.9	1.57	WT4_6

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
1	-1.78	1	58	114	0.53	1.13	0.44	0.41	-0.08	0	0.18	98.2	98.2	0.98	WT1_1
2	0.51	1	58	70	0.16	1.06	0.5	0.94	-0.15	0	0.49	35.7	35.9	0.93	WT1_2
3	-0.2	1	58	94	0.19	1.08	0.42	0.91	-0.03	0	0.42	66.1	67.9	0.94	WT1_3
4	0.99	2	58	50	0.16	1.19	1.36	1.23	0.87	0.01	0.41	30.4	39.5	0.57	WT1_4
5	0.02	2	57	86	0.18	0.78	-1.24	0.58	-1.19	0.05	0.59	61.8	59.3	1.32	WT1_5
6	0.92	2	56	62	0.16	1.1	0.79	1.05	0.3	-0.21	0.47	33.3	36	0.8	WT1_6
7	-0.2	1	58	94	0.19	1.41	1.71	2.82	2.78	0	0.16	62.5	67.9	0.4	WT2_1
8	0.02	2	58	78	0.18	1.07	0.42	0.8	-0.45	0.28	0.6	58.9	59.9	0.99	WT2_2
9	-0.66	1	58	104	0.24	1.04	0.24	0.59	-0.37	0	0.4	82.1	82	1.03	WT2_3
10	0.17	1	56	82	0.17	0.79	-1.29	0.76	-0.71	0	0.56	57.4	53	1.3	WT2_4
11	0.53	2	56	50	0.16	1.06	0.45	0.96	-0.08	0.46	0.61	33.3	33.9	0.93	WT2_5
12	0.8	2	56	62	0.16	1.12	0.91	1.22	1.04	-0.1	0.42	37	41.4	0.68	WT2_6
13	-0.26	2	58	86	0.2	1.24	1.01	0.97	0.11	0.34	0.56	69.6	71.2	0.83	WT3_1
14	-0.55	1	58	102	0.23	0.66	-1.16	0.32	-1.15	0	0.57	82.1	79.5	1.29	WT3_2
15	-0.13	2	58	90	0.19	1.13	0.66	0.84	-0.23	0.08	0.46	66.1	67.1	0.93	WT3_3
16	0.65	2	58	80	0.16	1.22	1.57	1.14	0.65	-0.39	0.38	33.9	38.2	0.59	WT3_4
17	1.05	1	58	48	0.16	1.37	2.44	1.53	1.63	0	0.32	32.1	39.5	0.21	WT3_5
18	0.19	1	58	82	0.17	0.87	-0.77	0.72	-0.88	0	0.56	58.9	53.8	1.23	WT3_6
19	0.13	1	57	84	0.17	0.91	-0.49	0.89	-0.23	0	0.49	52.7	52.5	1.12	WT4_1
20	0.4	1	57	74	0.16	0.9	-0.66	0.81	-0.7	0	0.54	40	38	1.2	WT4_2
21	0.59	2	57	76	0.16	0.96	-0.24	0.88	-0.5	-0.23	0.49	38.2	37.3	1.11	WT4_3
22	-0.43	1	56	98	0.22	0.97	-0.01	0.71	-0.31	0	0.39	77.8	78.3	1.05	WT4_4
23	1.02	2	55	62	0.16	1.47	3.1	1.54	1.97	-0.32	0.29	28.3	36.5	-0.05	WT4_5
24	0.35	2	56	66	0.16	1.11	0.73	1.07	0.34	0.25	0.51	35.2	37.5	0.82	WT4_6

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
1	0.76	1	108	116	0.12	1.35	2.94	1.52	2.43	0	0.43	36.4	43.4	0.32	YT1_1
2	-0.71	1	108	194	0.18	0.81	-0.79	0.51	-0.74	0	0.46	83.8	81.4	1.16	YT1_2
3	0.52	1	108	132	0.12	1.03	0.32	1.07	0.41	0	0.55	49.5	47.8	0.95	YT1_3
4	-0.13	1	104	168	0.15	1.17	1.02	1.07	0.32	0	0.4	67.4	69.5	0.85	YT1_4
5	1.26	1	103	82	0.13	1.53	4.03	3.09	5.51	0	0.3	39.4	49.8	-0.24	YT1_5
6	-0.33	1	103	176	0.16	1.04	0.3	1.22	0.61	0	0.38	74.5	73.2	0.93	YT1_6
7	-0.53	1	108	188	0.17	1.13	0.68	1.11	0.38	0	0.36	71.7	73.7	0.88	YT2_1
8	-0.2	1	108	174	0.15	0.86	-0.82	0.58	-1.24	0	0.54	67.7	67.5	1.19	YT2_2
9	0.43	1	108	138	0.12	0.74	-2.33	0.59	-2.36	0	0.67	56.6	50.4	1.45	YT2_3
10	0.43	1	107	138	0.12	0.96	-0.28	0.96	-0.13	0	0.57	50	50.1	1.06	YT2_4
11	-0.23	1	103	170	0.15	0.71	-1.77	0.42	-1.73	0	0.59	74.5	69.7	1.33	YT2_5
12	-0.4	1	100	174	0.17	0.78	-1.01	0.57	-0.87	0	0.5	78	77.1	1.19	YT2_6
13	-0.2	1	108	174	0.15	0.93	-0.37	0.76	-0.57	0	0.51	66.7	67.5	1.09	YT3_1
14	-0.48	1	108	186	0.16	0.93	-0.31	0.94	0.04	0	0.44	73.7	73.2	1.03	YT3_2
15	-0.59	1	108	190	0.17	0.81	-0.92	0.47	-1.01	0	0.49	77.8	76.5	1.19	YT3_3
16	0.33	1	106	144	0.13	1.35	2.58	1.48	2	0	0.39	39.2	44.8	0.45	YT3_4
17	1.14	1	105	90	0.12	1.21	1.77	1.83	2.96	0	0.47	38.5	41.6	0.49	YT3_5
18	-0.92	1	105	196	0.21	0.92	-0.17	0.56	-0.38	0	0.35	90.6	89.8	1.07	YT3_6
19	-0.34	1	107	180	0.15	0.74	-1.53	0.47	-1.39	0	0.55	73.5	70.3	1.28	YT4_1
20	0.79	1	107	114	0.12	1.11	1	1.38	1.91	0	0.51	38.8	42.8	0.71	YT4_2
21	-0.21	1	107	174	0.15	0.89	-0.62	0.64	-0.98	0	0.52	69.4	67.4	1.15	YT4_3
22	0.09	1	106	158	0.13	0.78	-1.67	0.54	-1.91	0	0.61	63.9	59	1.34	YT4_4
23	0.05	1	105	160	0.14	0.95	-0.31	0.71	-1.01	0	0.53	59.4	59.2	1.12	YT4_5
24	-0.55	1	105	186	0.17	0.63	-1.88	0.29	-1.65	0	0.54	81.3	77	1.33	YT4_6

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
1	0.76	2	76	142	0.17	0.81	-1.25	0.6	-1.54	-1.12	0.43	50	45.9	1.36	YT1_1
2	-0.07	1	76	138	0.23	1.04	0.24	0.69	-0.29	0	0.41	80.4	79.5	1.02	YT1_2
3	0.52	2	76	126	0.18	1.07	0.45	1	0.11	-0.1	0.46	53.6	56.2	0.92	YT1_3
4	1.15	1	76	100	0.16	0.93	-0.41	1.63	2.31	0	0.63	51.8	47.5	1.02	YT1_4
5	1.26	2	74	120	0.16	0.96	-0.22	1.07	0.37	-0.65	0.57	33.3	34.8	1.03	YT1_5
6	0.43	1	74	124	0.19	0.99	0.03	0.75	-0.52	0	0.5	59.3	60.4	1.06	YT1_6
7	-0.53	2	76	142	0.3	0.96	0.06	0.36	-0.43	0.23	0.47	91.1	90.5	1.09	YT2_1
8	0.49	1	76	124	0.18	1.06	0.37	0.93	-0.08	0	0.5	53.6	55.1	0.95	YT2_2
9	0.43	2	76	134	0.18	0.77	-1.24	0.5	-1.44	-0.32	0.47	62.5	58.3	1.33	YT2_3
10	0.43	2	76	84	0.18	2.56	5.79	4.33	4.9	1.12	0.64	35.7	58.3	-1.13	YT2_4
11	0.84	1	76	112	0.16	0.77	-1.54	0.74	-1	0	0.65	48.2	45.3	1.36	YT2_5
12	0.2	1	76	132	0.2	0.91	-0.34	0.69	-0.52	0	0.49	71.4	71.3	1.12	YT2_6
13	0.35	1	76	128	0.19	1.02	0.15	1.39	0.95	0	0.46	58.9	58.9	0.92	YT3_1
14	0.35	1	76	128	0.19	0.9	-0.46	0.65	-0.78	0	0.53	62.5	58.9	1.16	YT3_2
15	0.28	1	76	130	0.19	0.9	-0.41	0.57	-0.93	0	0.52	71.4	69.1	1.17	YT3_3
16	0.33	2	76	108	0.19	1.72	2.93	1.92	1.79	0.62	0.6	57.1	68.5	0.18	YT3_4
17	1.14	2	76	106	0.16	1.73	4.16	1.95	3.24	-0.14	0.36	32.1	47.6	-0.41	YT3_5
18	-0.92	2	76	140	0.39	2.98	2.33	5.68	2.14	0.75	0.34	89.3	95.6	0.01	YT3_6
19	0.12	1	76	134	0.21	0.77	-0.91	0.46	-1.06	0	0.52	75	73.5	1.25	YT4_1
20	0.79	2	76	140	0.17	0.72	-1.9	0.55	-1.89	-1	0.49	51.8	45.7	1.48	YT4_2
21	0.2	1	76	132	0.2	1.12	0.56	1.1	0.37	0	0.41	69.6	71.3	0.88	YT4_3
22	0.32	1	75	128	0.19	0.99	0.03	0.89	-0.09	0	0.48	69.1	69.8	1.02	YT4_4
23	0.05	2	75	142	0.22	0.61	-1.54	0.31	-1.4	-0.5	0.37	80	75.6	1.35	YT4_5
24	-0.55	2	75	114	0.31	5.71	5.19	9.9	4.38	1.3	0.48	67.3	90.9	-1.88	YT4_6

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
1	0.76	2	80	106	0.14	1.37	2.69	1.59	2.62	-0.14	0.34	41.7	47.5	0.25	YT1_1
2	-0.41	1	80	144	0.21	0.85	-0.47	0.39	-1.05	0	0.45	80.6	77.2	1.17	YT1_2
3	0.52	2	80	106	0.14	1.01	0.13	1.11	0.52	0.1	0.53	45.8	44.8	0.96	YT1_3
4	0.34	1	78	118	0.15	1.12	0.82	1.15	0.61	0	0.4	51.4	54	0.81	YT1_4
5	1.26	2	78	82	0.14	1.15	1.23	1.17	0.81	-0.17	0.51	34.3	39.8	0.67	YT1_5
6	0.08	1	78	128	0.17	0.93	-0.32	0.64	-0.95	0	0.48	64.3	64.3	1.14	YT1_6
7	-0.53	2	80	150	0.22	0.73	-0.89	0.46	-0.7	-0.2	0.33	87.5	84.7	1.19	YT2_1
8	0.58	1	80	108	0.14	0.9	-0.73	0.97	-0.06	0	0.55	41.7	42.2	1.14	YT2_2
9	0.43	2	80	114	0.15	0.96	-0.26	0.84	-0.56	0.02	0.53	47.2	44.5	1.1	YT2_3
10	0.43	2	79	102	0.15	0.97	-0.15	0.86	-0.51	0.27	0.62	43.7	43.8	1.08	YT2_4
11	-0.05	1	76	130	0.18	1.19	0.91	1.4	0.93	0	0.27	69.1	69.9	0.77	YT2_5
12	0.29	1	76	118	0.16	0.94	-0.32	0.71	-0.94	0	0.49	55.9	54.9	1.14	YT2_6
13	-0.11	1	80	136	0.18	0.69	-1.6	0.39	-1.6	0	0.56	77.8	74.1	1.33	YT3_1
14	-0.5	1	80	146	0.22	0.85	-0.42	0.77	-0.13	0	0.38	86.1	84.4	1.08	YT3_2
15	0.32	1	80	120	0.15	0.99	-0.01	1.18	0.7	0	0.47	54.2	54	0.98	YT3_3
16	0.33	2	78	112	0.15	1.39	2.3	1.83	2.42	0.16	0.34	47.1	52.9	0.39	YT3_4
17	1.14	2	78	90	0.14	1.23	1.85	1.23	1.27	-0.2	0.45	28.6	32.8	0.52	YT3_5
18	-0.92	2	78	148	0.31	1.26	0.64	0.89	0.27	0.21	0.29	94.3	95	0.92	YT3_6
19	-1.03	1	80	154	0.31	0.9	-0.06	0.31	-0.41	0	0.31	94.4	94	1.1	YT4_1
20	0.79	2	80	86	0.14	1.19	1.49	1.21	1.07	0.21	0.51	36.1	39.1	0.63	YT4_2
21	-0.32	1	80	142	0.2	1.01	0.13	0.58	-0.67	0	0.4	76.4	76.5	1.06	YT4_3
22	-0.1	1	78	134	0.18	0.79	-0.94	0.56	-0.99	0	0.48	75.7	71.8	1.22	YT4_4
23	0.05	2	78	136	0.17	0.91	-0.45	0.63	-0.96	-0.23	0.36	68.6	66.8	1.15	YT4_5
24	-0.55	2	78	146	0.24	0.95	-0.03	0.79	-0.05	-0.08	0.26	90	89.5	1.03	YT4_6

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
1	-1.13	1	130	250	0.24	0.96	0.04	0.38	-0.77	0	0.3	95.2	95.7	1.07	ZT1_1
2	-0.33	1	130	224	0.14	0.95	-0.23	0.81	-0.46	0	0.38	74.6	72.5	1.05	ZT1_2
3	-0.07	1	130	208	0.12	1.26	1.87	1.39	1.43	0	0.21	57.1	62	0.67	ZT1_3
4	-0.55	1	130	234	0.16	0.8	-0.91	0.48	-1.33	0	0.45	88.1	86.2	1.17	ZT1_4
5	-0.01	1	129	204	0.12	0.83	-1.38	0.64	-1.64	0	0.5	65.6	61.6	1.25	ZT1_5
6	0.98	1	129	114	0.1	1.24	2.67	1.36	2.62	0	0.32	25.6	29.8	0.38	ZT1_6
7	-0.3	1	130	222	0.14	1.15	0.92	1.18	0.61	0	0.26	70.6	72.1	0.87	ZT2_1
8	0.02	1	130	202	0.12	0.96	-0.25	0.98	0	0	0.41	54	53.2	1.03	ZT2_2
9	0.62	1	130	150	0.1	1.1	1.16	1.08	0.65	0	0.41	29.4	31.2	0.78	ZT2_3
10	-0.76	1	128	238	0.19	0.78	-0.76	0.44	-1.1	0	0.42	91.1	89.2	1.15	ZT2_4
11	-0.76	1	128	238	0.19	0.85	-0.46	0.41	-1.21	0	0.4	89.5	89.2	1.13	ZT2_5
12	0.48	1	127	162	0.1	1.03	0.38	1	0.04	0	0.43	32.5	30.1	0.96	ZT2_6
13	0.05	1	130	200	0.12	0.95	-0.42	0.76	-1.07	0	0.46	55.6	53.5	1.12	ZT3_1
14	0.51	1	130	160	0.1	0.96	-0.45	0.92	-0.59	0	0.49	30.2	30.6	1.1	ZT3_2
15	-0.07	1	130	208	0.12	0.88	-0.88	0.69	-1.25	0	0.48	65.1	62	1.17	ZT3_3
16	0.69	1	127	142	0.1	1.41	4.63	1.6	4.37	0	0.16	16.3	24.1	-0.15	ZT3_4
17	0.24	1	126	182	0.11	1.08	0.8	1.31	1.6	0	0.33	47.5	50.4	0.8	ZT3_5
18	0.93	1	126	118	0.1	1.03	0.38	1.03	0.27	0	0.45	26.2	28.2	0.92	ZT3_6
19	0.17	1	128	190	0.11	0.85	-1.47	0.71	-1.59	0	0.51	52.4	48.6	1.27	ZT4_1
20	0.38	1	128	172	0.11	0.89	-1.22	0.81	-1.28	0	0.5	43.5	42	1.25	ZT4_2
21	0.17	1	128	190	0.11	0.95	-0.43	0.86	-0.7	0	0.43	50.8	48.6	1.1	ZT4_3
22	-0.22	1	125	214	0.14	0.87	-0.78	0.56	-1.54	0	0.43	72.7	69.7	1.18	ZT4_4
23	-0.47	1	124	224	0.16	1.06	0.34	2.37	2.5	0	0.14	86.7	86.8	0.88	ZT4_5
24	-0.58	1	124	228	0.17	0.98	0	0.54	-1	0	0.3	87.5	88.8	1.07	ZT4_6

ENTRY	MEASURE	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
1	-0.33	2	65	98	0.19	0.82	-0.79	0.56	-1.01	0.18	0.72	75.4	72.2	1.2	ZT1_1
2	-0.28	1	65	102	0.18	0.86	-0.63	0.64	-0.83	0	0.62	73.8	71.6	1.17	ZT1_2
3	-0.07	2	65	96	0.17	1.29	1.49	1.34	1.01	-0.02	0.38	60	64	0.66	ZT1_3
4	-0.45	1	63	106	0.2	0.64	-1.57	0.35	-1.49	0	0.68	79.4	74.4	1.33	ZT1_4
5	0.22	1	63	84	0.16	0.82	-1.16	0.88	-0.39	0	0.62	55.6	52.1	1.25	ZT1_5
6	0.98	2	63	58	0.15	1.52	3.71	3.91	6.28	-0.16	0.08	22.2	34.5	-0.61	ZT1_6
7	-0.87	1	61	112	0.26	0.66	-0.91	0.25	-1.03	0	0.6	90.2	87.3	1.24	ZT1_7
8	-1.02	1	61	114	0.29	0.76	-0.48	0.68	-0.03	0	0.47	90.2	89.7	1.11	ZT1_8
9	0.62	2	65	108	0.15	1.28	2.04	1.86	2.91	-1.01	0.46	36.9	40.7	0.3	ZT2_1
10	-0.76	2	65	88	0.22	2.39	3.64	3.56	2.46	0.89	0.65	67.7	81	-0.08	ZT2_2
11	-0.75	1	65	114	0.22	0.94	-0.12	0.52	-0.6	0	0.53	81.5	80.9	1.09	ZT2_3
12	0.48	2	64	70	0.15	1.12	0.9	1.38	1.51	0.06	0.45	35.9	36.9	0.73	ZT2_4
13	0.05	2	64	106	0.16	0.56	-2.97	0.44	-2.21	-0.48	0.68	68.8	61.4	1.56	ZT2_5
14	-0.3	1	64	102	0.19	0.63	-1.86	0.47	-1.38	0	0.71	78.1	73	1.36	ZT2_6
15	-0.07	2	65	104	0.17	0.74	-1.49	0.51	-1.63	-0.27	0.62	67.7	64	1.34	ZT3_1
16	0.63	1	65	66	0.15	0.72	-2.38	0.61	-1.8	0	0.69	47.7	42.9	1.58	ZT3_2
17	0.24	2	65	92	0.16	1.06	0.4	1.03	0.22	-0.21	0.47	49.2	53.1	0.92	ZT3_3
18	0.89	1	61	54	0.15	1.29	2.25	1.54	2.04	0	0.26	31.1	39.4	0.24	ZT3_4
19	-1	1	61	114	0.28	0.67	-0.75	0.26	-0.8	0	0.54	91.8	89.5	1.21	ZT3_5
20	0.38	2	61	52	0.15	1.35	2.27	1.4	1.63	0.54	0.47	36.1	38.5	0.37	ZT3_6
21	0.67	1	61	64	0.15	1.39	2.83	1.46	1.98	0	0.23	23	30.8	0.11	ZT3_7
22	0.58	1	60	68	0.15	1.29	2.13	1.43	1.91	0	0.27	33.3	36.4	0.32	ZT3_8
23	-0.47	2	65	70	0.2	2.73	5	3.38	3.04	1.02	0.57	53.8	75.8	-0.54	ZT4_1
24	-0.58	2	65	124	0.21	0.77	-0.87	0.39	-1.16	-0.95	0.28	83.1	80.4	1.24	ZT4_2
25	0.02	1	65	92	0.16	0.93	-0.32	0.82	-0.51	0	0.59	61.5	60.8	1.1	ZT4_3
26	0.07	1	64	90	0.16	0.86	-0.83	0.82	-0.53	0	0.61	59.4	56.3	1.19	ZT4_4
27	-1.02	1	64	118	0.26	1.11	0.42	0.88	0.19	0	0.35	87.5	86.7	0.95	ZT4_5
28	-0.85	1	63	114	0.24	0.96	0	0.6	-0.31	0	0.46	84.1	84.4	1.05	ZT4_6

ENTRY	MSR	STATUS	COUNT	SCORE	ERROR	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE	PTME	OBSMATCH	EXPMATCH	DISCRIM	NAME
1	-0.33	2	61	100	0.19	0.93	-0.28	0.75	-0.45	0.06	0.46	73.3	68.7	1.11	ZT1_1
2	0.39	1	61	74	0.15	1.3	2.27	1.34	1.59	0	0.26	23.3	30.1	0.32	ZT1_2
3	-0.07	2	61	92	0.17	1.15	0.91	1.16	0.57	0.03	0.32	51.7	54.5	0.78	ZT1_3
4	0.3	1	60	78	0.15	0.86	-1.12	0.77	-1.04	0	0.54	39	36.3	1.33	ZT1_4
5	-0.35	1	59	100	0.2	0.82	-0.75	0.62	-0.77	0	0.47	75.9	71.4	1.2	ZT1_5
6	0.98	2	59	64	0.15	1.41	2.78	1.72	3.01	-0.36	0.27	24.1	34.9	0	ZT1_6
7	-0.21	1	61	98	0.18	0.91	-0.45	0.69	-0.75	0	0.45	60	58.4	1.15	ZT2_1
8	-0.42	1	61	104	0.19	0.9	-0.35	0.95	0.07	0	0.39	73.3	72.4	1.08	ZT2_2
9	0.62	2	61	60	0.15	1.03	0.25	1.04	0.27	0.08	0.46	33.3	33.2	0.93	ZT2_3
10	-0.76	2	59	106	0.25	1.28	0.82	1.07	0.34	0.16	0.25	86.2	89.5	0.85	ZT2_4
11	0.55	1	59	66	0.15	1.12	0.99	1.11	0.68	0	0.38	27.6	32.8	0.72	ZT2_5
12	0.48	2	58	66	0.15	1.17	1.33	1.16	0.89	0.06	0.35	29.8	30.9	0.62	ZT2_6
13	0.05	2	61	88	0.16	0.85	-1.01	0.68	-1.14	0.02	0.54	55	51.8	1.29	ZT3_1
14	0.96	1	61	48	0.15	1.05	0.44	1.08	0.46	0	0.44	31.7	36.6	0.87	ZT3_2
15	-0.07	2	61	96	0.17	0.89	-0.66	0.84	-0.39	-0.09	0.41	56.7	54.5	1.15	ZT3_3
16	-0.11	1	60	94	0.17	0.99	0.02	0.78	-0.55	0	0.39	54.2	54.4	1.06	ZT3_4
17	0.24	2	60	72	0.15	1.4	2.79	1.77	2.75	0.2	0.2	30.5	36.7	0.05	ZT3_5
18	1.1	1	60	42	0.15	1	0.03	1.15	0.74	0	0.46	37.3	38.1	0.94	ZT3_6
19	-0.11	1	60	94	0.17	0.68	-2.05	0.47	-1.77	0	0.6	61	54.4	1.47	ZT4_1
20	0.38	2	60	78	0.15	0.79	-1.8	0.69	-1.67	-0.08	0.57	32.2	29.2	1.51	ZT4_2
21	-0.23	1	60	98	0.18	1	0.09	0.99	0.12	0	0.33	57.6	58.3	0.98	ZT4_3
22	0.02	1	58	88	0.17	0.97	-0.15	0.95	-0.06	0	0.38	56.1	53.5	1.04	ZT4_4
23	-0.47	2	58	102	0.21	1.22	0.82	1.93	1.51	0.01	0.06	73.7	78.2	0.74	ZT4_5
24	-0.58	2	58	102	0.23	0.99	0.08	0.59	-0.57	0.13	0.43	86	86.2	1.07	ZT4_6