

Additional Table T4. Coordinates, sizes, GC levels and GC standard deviations (SD) of the opossum isochores. Δ GC indicates the difference in GC between subsequent isoch

Isochore	Start	End	Length, Mb	GC, %	Δ GC	SD (w=100kb)
1_1md1	0	0.2	0.2	48.2		0
1_1md2	0.2	0.7	0.5	44.0	-4.3	1.33
1_1md3	0.7	1.2	0.5	40.0	-4.0	1.36
1_1md4	1.2	1.6	0.4	43.0	3.0	0.52
1_1md5	1.6	1.8	0.2	40.1	-2.9	0
1_1md6	1.8	2.3	0.5	44.0	3.9	0.95
1_1md7	2.3	2.5	0.2	48.3	4.3	0
1_1md8	2.5	2.8	0.3	55.5	7.2	2.76
1_1md9	2.8	3.1	0.3	50.2	-5.3	1.29
1_1md10	3.1	3.4	0.3	41.9	-8.3	0.79
1_1md11	3.4	3.9	0.5	51.4	9.5	4.01
1_1md12	3.9	5.5	1.6	43.4	-8.0	1.67
1_1md13	5.5	5.9	0.4	47.3	3.8	1.55
1_1md14	5.9	7.4	1.5	43.0	-4.3	1.98
1_1md15	7.4	7.6	0.2	48.0	5.1	0
1_1md16	7.6	7.8	0.2	43.6	-4.4	0
1_1md17	7.8	8.1	0.3	38.1	-5.5	0.83
1_1md18	8.1	9.9	1.8	42.8	4.7	1.85
1_1md19	9.9	10.3	0.4	37.9	-4.9	1.45
1_1md20	10.3	10.8	0.5	41.7	3.8	3.29
1_1md21	10.8	11.7	0.9	39.5	-2.2	1.5
1_1md22	11.7	12.9	1.2	36.0	-3.5	0.57
1_1md23	12.9	15.3	2.4	38.5	2.6	1.14
1_1md24	15.3	15.5	0.2	44.0	5.5	0
1_1md25	15.5	16.5	1	39.3	-4.7	0.88
1_1md26	16.5	17.4	0.9	35.8	-3.4	0.56
1_1md27	17.4	17.9	0.5	38.5	2.6	1.59
1_1md28	17.9	18.2	0.3	36.6	-1.9	0.18
1_1md29	18.2	20.1	1.9	38.3	1.7	1.52
1_1md30	20.1	20.4	0.3	42.9	4.6	0.57
1_1md31	20.4	20.7	0.3	38.3	-4.6	0.35
1_1md32	20.7	20.9	0.2	41.8	3.5	0
1_1md33	20.9	21.7	0.8	40.1	-1.7	0.96
1_1md34	21.7	22.5	0.8	41.6	1.5	0.84
1_1md35	22.5	22.7	0.2	40.2	-1.3	0
1_1md36	22.7	23.2	0.5	43.1	2.8	1.1
1_1md37	23.2	23.4	0.2	49.5	6.5	0
1_1md38	23.4	24.1	0.7	39.6	-9.9	1.59
1_1md39	24.1	24.3	0.2	44.8	5.1	0
1_1md40	24.3	24.5	0.2	40.4	-4.4	0
1_1md41	24.5	26.3	1.8	44.3	3.8	3.76
1_1md42	26.3	26.5	0.2	48.5	4.2	0
1_1md43	26.5	26.8	0.3	45.4	-3.0	0.32
1_1md44	26.8	27.2	0.4	47.4	2.0	3.15
1_1md45	27.2	28.2	1	45.3	-2.1	3.37
1_1md46	28.2	28.5	0.3	39.3	-6.1	1.22
1_1md47	28.5	28.7	0.2	42.7	3.5	0
1_1md48	28.7	30	1.3	38.6	-4.1	1.19
1_1md49	30	31.9	1.9	35.3	-3.4	1.14
1_1md50	31.9	32.1	0.2	37.9	2.6	0

1_1md51	32.1	33.5	1.4	35.4	-2.5	0.87
1_1md52	33.5	34	0.5	38.5	3.1	0.83
1_1md53	34	34.2	0.2	43.6	5.1	0
1_1md54	34.2	34.4	0.2	40.4	-3.2	0
1_1md55	34.4	35.1	0.7	43.3	2.9	1.34
1_1md56	35.1	36.8	1.7	40.0	-3.3	0.93
1_1md57	36.8	37.1	0.3	41.5	1.5	0.55
1_1md58	37.1	37.6	0.5	40.2	-1.3	0.63
1_1md59	37.6	37.9	0.3	42.4	2.3	0.77
1_1md60	37.9	38.1	0.2	56.3	13.9	0
1_1md61	38.1	38.6	0.5	44.2	-12.2	3.04
1_1md62	38.6	39.1	0.5	39.6	-4.6	1.27
1_1md63	39.1	39.3	0.2	43.4	3.8	0
1_1md64	39.3	39.8	0.5	48.8	5.3	3.86
1_1md65	39.8	40	0.2	43.3	-5.5	0
1_1md66	40	40.2	0.2	49.3	6.0	0
1_1md67	40.2	40.8	0.6	42.8	-6.5	2.29
1_1md68	40.8	41.9	1.1	39.1	-3.7	1.23
1_1md69	41.9	42.3	0.4	42.3	3.2	0.96
1_1md70	42.3	46.4	4.1	35.4	-6.9	1.13
1_1md71	46.4	47.3	0.9	39.6	4.2	1.29
1_1md72	47.3	47.5	0.2	43.7	4.2	0
1_1md73	47.5	47.9	0.4	46.0	2.2	2.61
1_1md74	47.9	48.2	0.3	40.5	-5.5	0.33
1_1md75	48.2	48.8	0.6	42.3	1.8	1.94
1_1md76	48.8	49	0.2	39.9	-2.4	0
1_1md77	49	49.2	0.2	45.2	5.3	0
1_1md78	49.2	50.4	1.2	38.5	-6.7	1.38
1_1md79	50.4	50.7	0.3	44.4	5.9	4.98
1_1md80	50.7	51	0.3	38.7	-5.8	0.7
1_1md81	51	51.5	0.5	35.6	-3.0	0.98
1_1md82	51.5	54.8	3.3	38.2	2.6	1.28
1_1md83	54.8	55	0.2	41.3	3.0	0
1_1md84	55	55.3	0.3	40.6	-0.6	0.45
1_1md85	55.3	57.1	1.8	39.7	-1.0	0.75
1_1md86	57.1	58.1	1	42.8	3.1	0.9
1_1md87	58.1	61	2.9	38.5	-4.3	1.02
1_1md88	61	65.2	4.2	34.8	-3.7	1.07
1_1md89	65.2	65.9	0.7	39.5	4.7	1.3
1_1md90	65.9	66.2	0.3	35.4	-4.1	1.23
1_1md91	66.2	67.6	1.4	38.7	3.3	1.31
1_1md92	67.6	68.1	0.5	36.4	-2.3	0.38
1_1md93	68.1	68.6	0.5	38.5	2.1	1.01
1_1md94	68.6	68.8	0.2	35.5	-3.1	0
1_1md95	68.8	69	0.2	38.2	2.8	0
1_1md96	69	69.2	0.2	36.7	-1.5	0
1_1md97	69.2	69.6	0.4	37.9	1.2	0.9
1_1md98	69.6	69.8	0.2	36.0	-1.9	0
1_1md99	69.8	70.2	0.4	38.3	2.2	2.87
1_1md100	70.2	72.2	2	39.0	0.7	1.31
1_1md101	72.2	72.4	0.2	35.8	-3.2	0
1_1md102	72.4	73.1	0.7	39.3	3.4	2.31
1_1md103	73.1	73.9	0.8	42.1	2.8	0.83
1_1md104	73.9	75.3	1.4	38.3	-3.7	1.84
1_1md105	75.3	75.7	0.4	36.3	-2.0	0.75
1_1md106	75.7	76.5	0.8	38.4	2.1	0.55

1_1md107	76.5	76.9	0.4	36.0	-2.5	0.26
1_1md108	76.9	78.3	1.4	38.0	2.0	1.14
1_1md109	78.3	79.1	0.8	36.3	-1.7	1.28
1_1md110	79.1	79.4	0.3	37.1	0.8	1.68
1_1md111	79.4	79.6	0.2	36.5	-0.6	0
1_1md112	79.6	79.8	0.2	38.4	1.9	0
1_1md113	79.8	80.3	0.5	36.5	-1.9	0.98
1_1md114	80.3	80.6	0.3	37.8	1.3	0.52
1_1md115	80.6	81.8	1.2	36.3	-1.5	0.79
1_1md116	81.8	82.3	0.5	37.2	0.9	0.42
1_1md117	82.3	82.6	0.3	36.8	-0.4	0.25
1_1md118	82.6	83.6	1	36.1	-0.8	0.53
1_1md119	83.6	84	0.4	37.3	1.3	0.45
1_1md120	84	85.6	1.6	36.3	-1.1	0.78
1_1md121	85.6	86.1	0.5	37.3	1.0	0.3
1_1md122	86.1	86.5	0.4	35.9	-1.3	0.36
1_1md123	86.5	86.9	0.4	37.6	1.6	1.37
1_1md124	86.9	89.2	2.3	36.2	-1.4	0.77
1_1md125	89.2	90.9	1.7	38.1	1.9	1.15
1_1md126	90.9	91.9	1	36.2	-1.9	0.98
1_1md127	91.9	92.5	0.6	38.5	2.3	1.04
1_1md128	92.5	92.7	0.2	36.3	-2.2	0
1_1md129	92.7	93.1	0.4	37.9	1.6	0.9
1_1md130	93.1	93.3	0.2	36.4	-1.4	0
1_1md131	93.3	93.5	0.2	37.6	1.2	0
1_1md132	93.5	93.9	0.4	35.4	-2.2	0.94
1_1md133	93.9	94.1	0.2	37.3	1.8	0
1_1md134	94.1	96.3	2.2	35.3	-2.0	1.32
1_1md135	96.3	96.5	0.2	38.3	3.0	0
1_1md136	96.5	97.2	0.7	36.0	-2.3	0.87
1_1md137	97.2	98.4	1.2	38.2	2.2	0.95
1_1md138	98.4	100.4	2	35.9	-2.3	0.96
1_1md139	100.4	100.7	0.3	37.9	2.0	0.52
1_1md140	100.7	100.9	0.2	35.2	-2.7	0
1_1md141	100.9	102	1.1	38.0	2.8	1.65
1_1md142	102	102.2	0.2	35.6	-2.4	0
1_1md143	102.2	103	0.8	37.7	2.0	0.51
1_1md144	103	106	3	36.0	-1.7	0.72
1_1md145	106	107.6	1.6	37.8	1.8	0.99
1_1md146	107.6	107.8	0.2	35.7	-2.1	0
1_1md147	107.8	108.3	0.5	38.9	3.2	2.2
1_1md148	108.3	108.6	0.3	43.2	4.3	0.95
1_1md149	108.6	109.1	0.5	38.8	-4.4	1.85
1_1md150	109.1	109.4	0.3	42.0	3.2	2.53
1_1md151	109.4	110.3	0.9	40.2	-1.8	3.11
1_1md152	110.3	110.7	0.4	41.9	1.7	2.71
1_1md153	110.7	111	0.3	38.2	-3.7	2.57
1_1md154	111	112.2	1.2	42.7	4.4	1.43
1_1md155	112.2	113.1	0.9	39.0	-3.6	1.28
1_1md156	113.1	113.9	0.8	37.0	-2.1	0.75
1_1md157	113.9	114.3	0.4	37.4	0.5	0.28
1_1md158	114.3	115.1	0.8	36.2	-1.3	0.39
1_1md159	115.1	115.4	0.3	38.9	2.7	1.05
1_1md160	115.4	117.1	1.7	36.0	-2.9	0.7
1_1md161	117.1	117.3	0.2	37.6	1.7	0
1_1md162	117.3	117.5	0.2	36.7	-1.0	0

1_1md163	117.5	118.3	0.8	37.6	0.9	0.76
1_1md164	118.3	118.6	0.3	36.3	-1.3	0.39
1_1md165	118.6	118.8	0.2	37.3	1.0	0
1_1md166	118.8	119	0.2	35.6	-1.7	0
1_1md167	119	119.2	0.2	37.3	1.7	0
1_1md168	119.2	120.4	1.2	36.1	-1.2	0.68
1_1md169	120.4	120.6	0.2	37.5	1.4	0
1_1md170	120.6	120.9	0.3	36.7	-0.8	0.27
1_1md171	120.9	121.4	0.5	38.2	1.5	0.31
1_1md172	121.4	121.9	0.5	43.3	5.1	0.69
1_1md173	121.9	122.5	0.6	39.4	-3.9	1.44
1_1md174	122.5	122.7	0.2	41.5	2.1	0
1_1md175	122.7	124.4	1.7	39.1	-2.4	1.34
1_1md176	124.4	127	2.6	35.6	-3.5	0.81
1_1md177	127	127.3	0.3	38.7	3.1	2.35
1_1md178	127.3	129	1.7	36.3	-2.4	0.67
1_1md179	129	129.7	0.7	38.2	1.8	1.21
1_1md180	129.7	129.9	0.2	34.9	-3.3	0
1_1md181	129.9	130.2	0.3	38.2	3.3	1.32
1_1md182	130.2	139.6	9.4	35.2	-2.9	1.09
1_1md183	139.6	139.8	0.2	38.4	3.2	0
1_1md184	139.8	142.6	2.8	35.9	-2.5	1.07
1_1md185	142.6	143.2	0.6	38.5	2.6	0.82
1_1md186	143.2	143.5	0.3	35.9	-2.6	0.18
1_1md187	143.5	143.9	0.4	37.8	1.9	0.51
1_1md188	143.9	144.1	0.2	36.0	-1.9	0
1_1md189	144.1	144.6	0.5	37.4	1.5	0.38
1_1md190	144.6	145.3	0.7	36.2	-1.3	1.11
1_1md191	145.3	145.6	0.3	37.8	1.7	0.52
1_1md192	145.6	147.4	1.8	36.1	-1.7	1.07
1_1md193	147.4	147.6	0.2	38.2	2.1	0
1_1md194	147.6	147.8	0.2	36.4	-1.9	0
1_1md195	147.8	149.8	2	38.1	1.8	1.92
1_1md196	149.8	150.1	0.3	35.8	-2.3	0.94
1_1md197	150.1	150.4	0.3	38.6	2.8	2.05
1_1md198	150.4	150.7	0.3	43.1	4.5	1.31
1_1md199	150.7	151.1	0.4	40.1	-2.9	1.38
1_1md200	151.1	151.7	0.6	39.6	-0.6	2.81
1_1md201	151.7	151.9	0.2	35.8	-3.8	0
1_1md202	151.9	152.3	0.4	41.0	5.1	1.41
1_1md203	152.3	154	1.7	40.2	-0.8	1.61
1_1md204	154	154.2	0.2	36.5	-3.6	0
1_1md205	154.2	154.4	0.2	37.8	1.3	0
1_1md206	154.4	154.6	0.2	35.1	-2.7	0
1_1md207	154.6	155.2	0.6	38.9	3.8	3.18
1_1md208	155.2	155.4	0.2	41.2	2.3	0
1_1md209	155.4	159	3.6	39.4	-1.8	1.29
1_1md210	159	161	2	36.3	-3.1	1.05
1_1md211	161	161.2	0.2	37.5	1.2	0
1_1md212	161.2	161.4	0.2	36.3	-1.2	0
1_1md213	161.4	161.6	0.2	37.5	1.2	0
1_1md214	161.6	162.3	0.7	35.6	-1.9	1.14
1_1md215	162.3	164.1	1.8	37.7	2.1	0.91
1_1md216	164.1	168.4	4.3	35.9	-1.9	0.97
1_1md217	168.4	170.2	1.8	38.8	2.9	1.67
1_1md218	170.2	171.1	0.9	36.5	-2.3	0.63

1_1md219	171.1	172	0.9	38.0	1.5	0.52
1_1md220	172	172.4	0.4	42.7	4.7	0.78
1_1md221	172.4	172.7	0.3	39.7	-3.1	0.82
1_1md222	172.7	173	0.3	44.4	4.8	2.77
1_1md223	173	173.3	0.3	38.3	-6.1	0.45
1_1md224	173.3	173.9	0.6	43.4	5.1	1.72
1_1md225	173.9	174.7	0.8	37.9	-5.5	1.23
1_1md226	174.7	176.1	1.4	35.7	-2.1	0.6
1_1md227	176.1	177.2	1.1	37.4	1.7	0.32
1_1md228	177.2	177.9	0.7	36.3	-1.1	0.59
1_1md229	177.9	178.1	0.2	37.3	1.0	0
1_1md230	178.1	178.4	0.3	35.9	-1.4	0.36
1_1md231	178.4	178.6	0.2	37.7	1.8	0
1_1md232	178.6	179.2	0.6	36.4	-1.3	0.76
1_1md233	179.2	179.4	0.2	39.8	3.5	0
1_1md234	179.4	180.2	0.8	36.2	-3.6	0.79
1_1md235	180.2	180.4	0.2	38.0	1.7	0
1_1md236	180.4	180.7	0.3	36.1	-1.8	0.26
1_1md237	180.7	181	0.3	37.8	1.7	0.5
1_1md238	181	181.7	0.7	36.2	-1.6	0.96
1_1md239	181.7	182.3	0.6	37.6	1.4	0.67
1_1md240	182.3	182.7	0.4	36.1	-1.5	1.3
1_1md241	182.7	183.1	0.4	37.3	1.3	0.72
1_1md242	183.1	183.7	0.6	35.9	-1.4	0.63
1_1md243	183.7	183.9	0.2	37.9	2.0	0
1_1md244	183.9	189	5.1	35.8	-2.1	0.95
1_1md245	189	189.9	0.9	37.5	1.7	1.15
1_1md246	189.9	193.4	3.5	35.4	-2.1	0.71
1_1md247	193.4	193.8	0.4	37.6	2.2	0.85
1_1md248	193.8	194	0.2	35.5	-2.1	0
1_1md249	194	194.8	0.8	38.2	2.6	1.04
1_1md250	194.8	195	0.2	36.0	-2.1	0
1_1md251	195	195.4	0.4	37.0	0.9	0.77
1_1md252	195.4	195.8	0.4	37.8	0.8	0.33
1_1md253	195.8	196	0.2	36.3	-1.5	0
1_1md254	196	196.8	0.8	38.4	2.0	1.89
1_1md255	196.8	197.3	0.5	43.0	4.7	2.5
1_1md256	197.3	197.6	0.3	38.4	-4.6	1.81
1_1md257	197.6	198	0.4	42.9	4.5	0.99
1_1md258	198	198.4	0.4	37.8	-5.2	0.46
1_1md259	198.4	198.6	0.2	43.1	5.3	0
1_1md260	198.6	198.8	0.2	37.7	-5.4	0
1_1md261	198.8	199	0.2	36.8	-0.8	0
1_1md262	199	199.9	0.9	40.4	3.5	1.7
1_1md263	199.9	200.9	1	37.5	-2.9	3.05
1_1md264	200.9	201.9	1	39.5	2.0	2.21
1_1md265	201.9	202.6	0.7	36.3	-3.2	0.46
1_1md266	202.6	203	0.4	38.5	2.2	1.18
1_1md267	203	203.2	0.2	42.6	4.1	0
1_1md268	203.2	205.1	1.9	38.3	-4.3	0.83
1_1md269	205.1	218.9	13.8	35.4	-2.9	1.03
1_1md270	218.9	220.8	1.9	38.2	2.8	1.44
1_1md271	220.8	221.1	0.3	35.7	-2.5	0.36
1_1md272	221.1	222.8	1.7	38.6	2.9	1.72
1_1md273	222.8	223.4	0.6	36.4	-2.2	1.17
1_1md274	223.4	223.9	0.5	39.4	3.0	0.62

1_1md275	223.9	224.1	0.2	36.7	-2.7	0
1_1md276	224.1	225.7	1.6	38.0	1.3	0.55
1_1md277	225.7	226.3	0.6	36.3	-1.7	0.71
1_1md278	226.3	227.3	1	38.3	2.0	0.94
1_1md279	227.3	243.3	16	35.2	-3.1	1.15
1_1md280	243.3	244	0.7	37.9	2.7	0.91
1_1md281	244	244.2	0.2	36.4	-1.5	0
1_1md282	244.2	245.6	1.4	38.7	2.3	1.34
1_1md283	245.6	245.8	0.2	41.9	3.1	0
1_1md284	245.8	246.5	0.7	39.2	-2.6	1.07
1_1md285	246.5	246.7	0.2	36.4	-2.8	0
1_1md286	246.7	247	0.3	39.8	3.4	0.44
1_1md287	247	247.4	0.4	35.7	-4.1	0.7
1_1md288	247.4	249	1.6	39.1	3.3	1.63
1_1md289	249	249.6	0.6	40.9	1.9	1.08
1_1md290	249.6	250.7	1.1	38.1	-2.8	1.44
1_1md291	250.7	250.9	0.2	36.7	-1.4	0
1_1md292	250.9	252	1.1	38.2	1.5	0.9
1_1md293	252	252.7	0.7	36.5	-1.7	0.39
1_1md294	252.7	253	0.3	38.1	1.6	0.59
1_1md295	253	253.3	0.3	35.4	-2.6	0.53
1_1md296	253.3	253.6	0.3	39.1	3.7	0.75
1_1md297	253.6	253.9	0.3	35.0	-4.1	1.57
1_1md298	253.9	254.5	0.6	37.9	2.9	0.73
1_1md299	254.5	254.7	0.2	36.6	-1.3	0
1_1md300	254.7	255.8	1.1	37.7	1.1	1.5
1_2md1	0	0.3	0.3	37.2		0.44
1_2md2	0.3	0.8	0.5	36.0	-1.2	0.72
1_2md3	0.8	1	0.2	37.2	1.2	0
1_2md4	1	4.3	3.3	36.0	-1.2	0.86
1_2md5	4.3	4.5	0.2	37.3	1.3	0
1_2md6	4.5	11	6.5	35.8	-1.5	0.9
1_2md7	11	11.2	0.2	37.3	1.5	0
1_2md8	11.2	11.4	0.2	36.9	-0.4	0
1_2md9	11.4	12.7	1.3	38.4	1.5	1.24
1_2md10	12.7	13.2	0.5	35.5	-2.9	0.97
1_2md11	13.2	13.7	0.5	37.3	1.8	1.04
1_2md12	13.7	15.5	1.8	35.9	-1.4	0.92
1_2md13	15.5	16.5	1	38.4	2.5	1.45
1_2md14	16.5	17.2	0.7	35.7	-2.7	0.52
1_2md15	17.2	20	2.8	38.1	2.4	0.82
1_2md16	20	21.2	1.2	36.1	-2.0	0.54
1_2md17	21.2	21.4	0.2	37.2	1.1	0
1_2md18	21.4	22.1	0.7	36.0	-1.2	1.06
1_2md19	22.1	22.3	0.2	37.8	1.8	0
1_2md20	22.3	22.5	0.2	36.1	-1.7	0
1_2md21	22.5	22.7	0.2	37.2	1.1	0
1_2md22	22.7	28.6	5.9	35.6	-1.6	1.17
1_2md23	28.6	29.3	0.7	37.1	1.5	0.67
1_2md24	29.3	29.9	0.6	35.9	-1.2	0.41
1_2md25	29.9	30.2	0.3	38.0	2.1	0.62
1_2md26	30.2	33	2.8	35.5	-2.5	0.87
1_2md27	33	36	3	38.2	2.7	0
1_2md28	36	36.2	0.2	36.4	-1.8	0
1_2md29	36.2	36.4	0.2	37.6	1.2	0

1_2md30	36.4	36.6	0.2	36.4	-1.2	0
1_2md31	36.6	37.2	0.6	37.3	1.0	0.58
1_2md32	37.2	37.5	0.3	36.7	-0.6	0.28
1_2md33	37.5	37.7	0.2	37.4	0.6	0
1_2md34	37.7	38.2	0.5	36.7	-0.6	0.43
1_2md35	38.2	40.1	1.9	37.8	1.1	0.71
1_2md36	40.1	41.3	1.2	36.3	-1.5	0.9
1_2md37	41.3	42.9	1.6	37.7	1.3	0.86
1_2md38	42.9	43.1	0.2	36.8	-0.9	0
1_2md39	43.1	43.4	0.3	36.7	-0.1	0.78
1_2md40	43.4	44	0.6	35.4	-1.3	0.27
1_2md41	44	45.9	1.9	37.5	2.1	1.05
1_2md42	45.9	46.5	0.6	36.4	-1.1	0.27
1_2md43	46.5	46.9	0.4	39.8	3.3	1.82
1_2md44	46.9	47.2	0.3	36.5	-3.3	0.41
1_2md45	47.2	48.4	1.2	37.8	1.3	1
1_2md46	48.4	49.2	0.8	35.1	-2.7	1.24
1_2md47	49.2	49.4	0.2	38.2	3.1	0
1_2md48	49.4	50.3	0.9	36.0	-2.2	0.86
1_2md49	50.3	52.3	2	38.1	2.1	1.12
1_2md50	52.3	52.7	0.4	37.0	-1.2	0.97
1_2md51	52.7	53.5	0.8	41.6	4.6	1.8
1_2md52	53.5	55.2	1.7	38.8	-2.7	0.62
1_2md53	55.2	55.4	0.2	42.3	3.5	0
1_2md54	55.4	55.7	0.3	39.0	-3.3	1.26
1_2md55	55.7	55.9	0.2	35.2	-3.8	0
1_2md56	55.9	56.8	0.9	38.6	3.4	2.43
1_2md57	56.8	57	0.2	36.0	-2.6	0
1_2md58	57	58.7	1.7	38.8	2.8	2.02
1_2md59	58.7	59.2	0.5	36.5	-2.3	0.83
1_2md60	59.2	59.6	0.4	38.2	1.7	0.67
1_2md61	59.6	59.8	0.2	35.9	-2.3	0
1_2md62	59.8	60.2	0.4	38.7	2.8	1.43
1_2md63	60.2	61.5	1.3	36.5	-2.2	0.48
1_2md64	61.5	63.4	1.9	38.4	1.9	1.15
1_2md65	63.4	63.6	0.2	35.5	-2.8	0
1_2md66	63.6	65.2	1.6	38.2	2.7	1.14
1_2md67	65.2	69.1	3.9	35.2	-3.1	0.93
1_2md68	69.1	69.4	0.3	37.7	2.5	0.34
1_2md69	69.4	71	1.6	36.0	-1.7	0.82
1_2md70	71	71.6	0.6	37.6	1.6	0.35
1_2md71	71.6	72.7	1.1	36.4	-1.2	0.92
1_2md72	72.7	73	0.3	38.1	1.8	0.73
1_2md73	73	73.2	0.2	36.2	-1.9	0
1_2md74	73.2	75.2	2	39.1	2.8	1.61
1_2md75	75.2	75.7	0.5	44.5	5.4	2.13
1_2md76	75.7	77.7	2	38.7	-5.9	1.38
1_2md77	77.7	78	0.3	44.3	5.7	0.53
1_2md78	78	79.8	1.8	39.1	-5.3	1.12
1_2md79	79.8	84.2	4.4	36.0	-3.0	0.7
1_2md80	84.2	87.2	3	38.3	2.3	1.49
1_2md81	87.2	87.5	0.3	42.6	4.3	0.74
1_2md82	87.5	87.9	0.4	40.4	-2.2	2.28
1_2md83	87.9	88.1	0.2	42.4	2.0	0
1_2md84	88.1	89.8	1.7	39.0	-3.4	1.17
1_2md85	89.8	90	0.2	42.3	3.3	0

1_2md86	90	90.7	0.7	38.7	-3.6	1.12
1_2md87	90.7	90.9	0.2	36.9	-1.8	0
1_2md88	90.9	91.1	0.2	37.5	0.6	0
1_2md89	91.1	91.9	0.8	35.7	-1.8	0.84
1_2md90	91.9	93.9	2	38.7	2.9	1.33
1_2md91	93.9	95.8	1.9	35.7	-2.9	0.84
1_2md92	95.8	98.2	2.4	37.9	2.1	1.05
1_2md93	98.2	99.1	0.9	36.7	-1.1	0.43
1_2md94	99.1	100.9	1.8	38.1	1.4	0.84
1_2md95	100.9	110.3	9.4	35.0	-3.2	0.92
1_2md96	110.3	111.4	1.1	39.0	4.0	1.55
1_2md97	111.4	111.6	0.2	41.5	2.5	0
1_2md98	111.6	114.4	2.8	38.2	-3.3	1.13
1_2md99	114.4	114.8	0.4	35.1	-3.2	1.04
1_2md100	114.8	118.4	3.6	39.2	4.1	1.13
1_2md101	118.4	118.7	0.3	36.1	-3.1	0.79
1_2md102	118.7	118.9	0.2	37.2	1.1	0
1_2md103	118.9	119.6	0.7	36.7	-0.4	0.38
1_2md104	119.6	120.4	0.8	37.4	0.7	0.9
1_2md105	120.4	121.1	0.7	36.1	-1.2	0.51
1_2md106	121.1	122.5	1.4	38.4	2.3	0.77
1_2md107	122.5	123.6	1.1	36.4	-2.1	0.94
1_2md108	123.6	124.9	1.3	37.7	1.3	0.44
1_2md109	124.9	125.1	0.2	36.5	-1.2	0
1_2md110	125.1	126	0.9	38.6	2.1	1
1_2md111	126	126.6	0.6	43.6	4.9	1.44
1_2md112	126.6	127.3	0.7	38.8	-4.7	2.38
1_2md113	127.3	128.2	0.9	43.7	4.9	2.21
1_2md114	128.2	129.8	1.6	39.3	-4.4	1.72
1_2md115	129.8	130	0.2	43.3	4.0	0
1_2md116	130	130.5	0.5	39.2	-4.1	0.93
1_2md117	130.5	131.3	0.8	42.8	3.7	2.05
1_2md118	131.3	131.5	0.2	40.2	-2.6	0
1_2md119	131.5	131.7	0.2	41.4	1.2	0
1_2md120	131.7	132.8	1.1	39.5	-1.9	2.19
1_2md121	132.8	133	0.2	42.2	2.7	0
1_2md122	133	133.3	0.3	40.7	-1.5	2.72
1_2md123	133.3	133.7	0.4	38.3	-2.4	1.31
1_2md124	133.7	134.6	0.9	43.0	4.7	1.23
1_2md125	134.6	135.9	1.3	38.6	-4.4	1.48
1_2md126	135.9	136.1	0.2	36.5	-2.1	0
1_2md127	136.1	137.7	1.6	38.6	2.0	1.94
1_2md128	137.7	137.9	0.2	36.3	-2.2	0
1_2md129	137.9	139.6	1.7	39.7	3.4	1.88
1_2md130	139.6	139.9	0.3	36.5	-3.2	0.53
1_2md131	139.9	141.9	2	38.7	2.3	1.52
1_2md132	141.9	142.1	0.2	36.2	-2.5	0
1_2md133	142.1	142.4	0.3	38.3	2.1	1.07
1_2md134	142.4	142.6	0.2	42.1	3.8	0
1_2md135	142.6	145	2.4	38.9	-3.2	1.84
1_2md136	145	145.4	0.4	41.5	2.6	3.64
1_2md137	145.4	145.7	0.3	39.4	-2.0	1.08
1_2md138	145.7	146.3	0.6	42.9	3.5	2.71
1_2md139	146.3	147	0.7	38.7	-4.2	0.52
1_2md140	147	147.2	0.2	42.3	3.6	0
1_2md141	147.2	147.6	0.4	40.5	-1.8	1.95

1_2md142	147.6	147.9	0.3	42.5	2.0	0.6
1_2md143	147.9	148.2	0.3	39.4	-3.1	1.34
1_2md144	148.2	148.4	0.2	42.4	3.0	0
1_2md145	148.4	149.9	1.5	39.1	-3.3	1.54
1_2md146	149.9	151.1	1.2	36.3	-2.8	0.46
1_2md147	151.1	153.4	2.3	37.3	1.0	0.86
1_2md148	153.4	156.4	3	35.9	-1.4	0.8
1_2md149	156.4	158	1.6	38.2	2.3	1.24
1_2md150	158	158.3	0.3	36.5	-1.7	0.52
1_2md151	158.3	160.5	2.2	38.7	2.2	1.31
1_2md152	160.5	160.8	0.3	36.3	-2.4	0.7
1_2md153	160.8	161	0.2	38.2	1.9	0
1_2md154	161	161.5	0.5	36.1	-2.1	1.03
1_2md155	161.5	161.8	0.3	41.3	5.2	2.92
1_2md156	161.8	162.4	0.6	35.9	-5.4	0.52
1_2md157	162.4	163.8	1.4	39.5	3.6	2.26
1_2md158	163.8	164	0.2	36.0	-3.5	0
1_2md159	164	164.5	0.5	39.1	3.0	2.43
1_2md160	164.5	165.2	0.7	35.9	-3.1	1.34
1_2md161	165.2	166.2	1	39.8	3.8	1.37
1_2md162	166.2	166.5	0.3	43.1	3.3	1.3
1_2md163	166.5	168.2	1.7	37.9	-5.2	0.83
1_2md164	168.2	168.7	0.5	36.7	-1.2	0.91
1_2md165	168.7	168.9	0.2	37.4	0.7	0
1_2md166	168.9	169.5	0.6	36.0	-1.4	1.07
1_2md167	169.5	169.9	0.4	38.4	2.3	1.26
1_2md168	169.9	170.5	0.6	36.5	-1.8	0.91
1_2md169	170.5	170.9	0.4	42.2	5.7	0.95
1_2md170	170.9	171.2	0.3	39.6	-2.7	1.2
1_2md171	171.2	171.8	0.6	41.2	1.6	2.39
1_2md172	171.8	172.5	0.7	36.0	-5.2	0.88
1_2md173	172.5	177.3	4.8	37.9	1.9	1.35
1_2md174	177.3	177.5	0.2	36.6	-1.4	0
1_2md175	177.5	179.8	2.3	37.7	1.2	0.85
1_2md176	179.8	180.5	0.7	35.1	-2.6	1.11
1_2md177	180.5	181	0.5	38.1	3.0	0.38
1_2md178	181	181.2	0.2	36.3	-1.8	0
1_2md179	181.2	182.5	1.3	38.2	1.9	0.65
1_2md180	182.5	183.1	0.6	42.3	4.1	1.2
1_2md181	183.1	183.3	0.2	38.5	-3.8	0
1_2md182	183.3	183.5	0.2	35.5	-3.0	0
1_2md183	183.5	183.9	0.4	39.9	4.5	2
1_2md184	183.9	184.1	0.2	41.5	1.6	0
1_2md185	184.1	185.4	1.3	38.1	-3.4	1.67
1_2md186	185.4	187.1	1.7	36.3	-1.7	0.59
1_2md187	187.1	187.4	0.3	37.8	1.5	0.72
1_2md188	187.4	188.3	0.9	35.8	-2.0	1.44
1_2md189	188.3	190.4	2.1	38.1	2.4	1.38
1_2md190	190.4	190.9	0.5	36.5	-1.6	0.21
1_2md191	190.9	192.3	1.4	38.9	2.4	1.61
1_2md192	192.3	192.5	0.2	41.1	2.2	0
1_2md193	192.5	193.6	1.1	39.8	-1.3	2.18
1_2md194	193.6	193.9	0.3	43.2	3.4	1.48
1_2md195	193.9	194.1	0.2	40.1	-3.2	0
1_2md196	194.1	194.7	0.6	42.5	2.4	2.02
1_2md197	194.7	195	0.3	39.8	-2.7	0.79

1_2md198	195	195.3	0.3	41.5	1.7	0.45
1_2md199	195.3	195.5	0.2	39.8	-1.7	0
1_2md200	195.5	196.1	0.6	42.1	2.3	0.61
1_2md201	196.1	196.5	0.4	39.5	-2.6	1.01
1_2md202	196.5	196.7	0.2	43.2	3.6	0
1_2md203	196.7	197.2	0.5	40.2	-3.0	1.05
1_2md204	197.2	198.5	1.3	42.8	2.6	2.06
1_2md205	198.5	198.7	0.2	38.1	-4.7	0
1_2md206	198.7	199.4	0.7	41.2	3.1	0.79
1_2md207	199.4	199.6	0.2	40.0	-1.2	0
1_2md208	199.6	200	0.4	41.5	1.5	0.55
1_2md209	200	200.4	0.4	40.3	-1.2	0.73
1_2md210	200.4	200.7	0.3	36.1	-4.2	0.41
1_2md211	200.7	201.2	0.5	42.1	6.0	1.46
1_2md212	201.2	201.5	0.3	38.9	-3.2	1.68
1_2md213	201.5	201.7	0.2	35.6	-3.3	0
1_2md214	201.7	202.3	0.6	41.6	5.9	1.97
1_2md215	202.3	202.5	0.2	38.2	-3.3	0
1_2md216	202.5	202.7	0.2	42.1	3.9	0
1_2md217	202.7	203.3	0.6	38.7	-3.4	2.06
1_2md218	203.3	203.5	0.2	43.0	4.3	0
1_2md219	203.5	204.4	0.9	38.5	-4.5	1.6
1_2md220	204.4	204.6	0.2	43.6	5.2	0
1_2md221	204.6	205	0.4	39.3	-4.4	1.09
1_2md222	205	205.3	0.3	42.3	3.0	0.62
1_2md223	205.3	206.4	1.1	39.7	-2.6	1.19
1_2md224	206.4	207	0.6	42.6	2.9	1.08
1_2md225	207	207.3	0.3	38.0	-4.6	0.44
1_2md226	207.3	207.5	0.2	36.8	-1.2	0
1_2md227	207.5	209.1	1.6	38.6	1.8	0.98
1_2md228	209.1	209.5	0.4	42.4	3.8	0.8
1_2md229	209.5	209.8	0.3	37.9	-4.5	1.9
1_2md230	209.8	210	0.2	43.1	5.2	0
1_2md231	210	211.6	1.6	38.5	-4.6	1.29
1_2md232	211.6	212.6	1	36.3	-2.2	0.58
1_2md233	212.6	213.2	0.6	38.1	1.8	0.29
1_2md234	213.2	214	0.8	42.5	4.4	2.45
1_2md235	214	214.4	0.4	37.8	-4.7	1.76
1_2md236	214.4	214.9	0.5	43.9	6.1	1.19
1_2md237	214.9	215.4	0.5	39.7	-4.2	2.77
1_2md238	215.4	215.7	0.3	35.2	-4.5	0.69
1_2md239	215.7	216	0.3	42.9	7.7	0.75
1_2md240	216	219.8	3.8	39.1	-3.8	1.54
1_2md241	219.8	220	0.2	36.5	-2.5	0
1_2md242	220	223.3	3.3	38.6	2.0	1.85
1_2md243	223.3	227.7	4.4	35.8	-2.8	0.76
1_2md244	227.7	228.1	0.4	37.7	1.9	0.88
1_2md245	228.1	228.4	0.3	34.7	-3.0	1.22
1_2md246	228.4	229	0.6	38.1	3.5	0.47
1_2md247	229	229.2	0.2	35.7	-2.4	0
1_2md248	229.2	230.8	1.6	38.9	3.2	1.35
1_2md249	230.8	231	0.2	36.5	-2.3	0
1_2md250	231	232	1	39.0	2.5	0.5
1_2md251	232	232.2	0.2	36.2	-2.8	0
1_2md252	232.2	232.8	0.6	37.6	1.3	0.97
1_2md253	232.8	235.5	2.7	35.6	-1.9	0.79

1_2md254	235.5	235.9	0.4	37.7	2.0	0.51
1_2md255	235.9	236.1	0.2	36.3	-1.4	0
1_2md256	236.1	237	0.9	38.2	1.9	0.79
1_2md257	237	237.2	0.2	35.9	-2.3	0
1_2md258	237.2	237.7	0.5	36.9	1.0	0.22
1_2md259	237.7	239.8	2.1	38.7	1.8	1.13
1_2md260	239.8	240.3	0.5	42.1	3.4	1.63
1_2md261	240.3	241	0.7	39.0	-3.2	1.25
1_2md262	241	241.3	0.3	41.6	2.6	1.11
1_2md263	241.3	241.6	0.3	36.4	-5.2	0.35
1_2md264	241.6	241.9	0.3	39.4	3.0	1.42
1_2md265	241.9	242.2	0.3	42.0	2.5	0.57
1_2md266	242.2	242.7	0.5	40.1	-1.8	0.58
1_2md267	242.7	242.9	0.2	43.4	3.3	0
1_2md268	242.9	243.1	0.2	34.8	-8.6	0
1_2md269	243.1	243.9	0.8	39.7	5.0	1.27
1_2md270	243.9	244.2	0.3	42.2	2.5	1.19
1_2md271	244.2	244.6	0.4	40.3	-1.9	1.88
1_2md272	244.6	244.9	0.3	42.2	1.8	0.09
1_2md273	244.9	245.2	0.3	39.7	-2.4	0.99
1_2md274	245.2	245.6	0.4	42.1	2.4	0.98
1_2md275	245.6	245.9	0.3	41.3	-0.9	1.04
1_2md276	245.9	246.3	0.4	43.6	2.4	1.46
1_2md277	246.3	247.2	0.9	39.1	-4.6	1.87
1_2md278	247.2	247.4	0.2	41.9	2.8	0
1_2md279	247.4	249.1	1.7	39.4	-2.5	0.99
1_2md280	249.1	249.3	0.2	35.7	-3.7	0
1_2md281	249.3	249.9	0.6	38.7	3.0	0.73
1_2md282	249.9	250.1	0.2	42.4	3.7	0
1_2md283	250.1	250.3	0.2	39.4	-3.0	0
1_2md284	250.3	250.9	0.6	36.5	-2.9	0.6
1_2md285	250.9	251.9	1	39.3	2.8	1.69
1_2md286	251.9	252.1	0.2	41.6	2.3	0
1_2md287	252.1	252.5	0.4	39.5	-2.1	1.13
1_2md288	252.5	252.9	0.4	42.6	3.1	0.75
1_2md289	252.9	253.6	0.7	39.5	-3.1	1.2
1_2md290	253.6	254.2	0.6	35.6	-3.9	0.57
1_2md291	254.2	254.4	0.2	43.3	7.7	0
1_2md292	254.4	255.8	1.4	38.9	-4.4	1.48
1_3md1	0	1.6	1.6	38.1		0.72
1_3md2	1.6	1.8	0.2	35.8	-2.3	0
1_3md3	1.8	2.1	0.3	37.5	1.7	0.33
1_3md4	2.1	2.3	0.2	36.7	-0.8	0
1_3md5	2.3	3.6	1.3	37.8	1.1	0.91
1_3md6	3.6	4.8	1.2	36.0	-1.8	1.7
1_3md7	4.8	5.1	0.3	37.9	1.8	0.38
1_3md8	5.1	10.7	5.6	35.3	-2.6	0.81
1_3md9	10.7	10.9	0.2	38.0	2.7	0
1_3md10	10.9	11.5	0.6	35.5	-2.5	0.81
1_3md11	11.5	13.2	1.7	38.4	2.9	1.22
1_3md12	13.2	15.9	2.7	36.1	-2.3	0.74
1_3md13	15.9	18	2.1	38.2	2.1	0.97
1_3md14	18	18.2	0.2	36.3	-1.9	0
1_3md15	18.2	19	0.8	38.1	1.8	0.98
1_3md16	19	19.2	0.2	36.3	-1.9	0

1_3md17	19.2	19.5	0.3	37.9	1.6	0.37
1_3md18	19.5	19.9	0.4	35.1	-2.8	1.28
1_3md19	19.9	20.4	0.5	38.8	3.7	0.67
1_3md20	20.4	22.7	2.3	35.8	-3.0	0.81
1_3md21	22.7	22.9	0.2	37.2	1.4	0
1_3md22	22.9	27.8	4.9	35.4	-1.8	0.94
1_3md23	27.8	28.3	0.5	38.1	2.8	0.58
1_3md24	28.3	28.7	0.4	36.4	-1.7	0.58
1_3md25	28.7	29	0.3	37.6	1.2	0.16
1_3md26	29	30.9	1.9	36.0	-1.6	0.65
1_3md27	30.9	31.1	0.2	37.2	1.3	0
1_3md28	31.1	35.8	4.7	35.1	-2.1	1
1_3md29	35.8	36	0.2	37.9	2.8	0
1_3md30	36	48	12	35.0	-3.0	1.32
1_3md31	48	49	1	38.9	4.0	0.82
1_3md32	49	49.2	0.2	34.9	-4.1	0
1_3md33	49.2	50.2	1	38.2	3.3	1.37
1_3md34	50.2	50.5	0.3	36.4	-1.8	0.41
1_3md35	50.5	53.7	3.2	38.4	2.0	1.26
1_3md36	53.7	54.6	0.9	36.4	-2.0	0.52
1_3md37	54.6	55.1	0.5	39.0	2.6	1.47
1_3md38	55.1	59.8	4.7	35.6	-3.4	0.73
1_3md39	59.8	61.4	1.6	39.6	4.0	1.76
1_3md40	61.4	61.6	0.2	35.9	-3.7	0
1_3md41	61.6	62.6	1	39.7	3.7	0.77
1_3md42	62.6	63.2	0.6	35.6	-4.1	0.71
1_3md43	63.2	63.6	0.4	37.5	1.9	0.24
1_3md44	63.6	63.9	0.3	36.4	-1.1	0.45
1_3md45	63.9	64.1	0.2	37.6	1.2	0
1_3md46	64.1	64.5	0.4	36.0	-1.6	0.67
1_3md47	64.5	67	2.5	38.7	2.7	1.6
1_3md48	67	67.2	0.2	36.1	-2.6	0
1_3md49	67.2	67.5	0.3	37.7	1.6	1.35
1_3md50	67.5	67.8	0.3	36.5	-1.2	0.16
1_3md51	67.8	68.6	0.8	38.2	1.7	0.61
1_3md52	68.6	69.5	0.9	36.8	-1.4	0.88
1_3md53	69.5	72.4	2.9	38.6	1.8	1.33
1_3md54	72.4	72.7	0.3	44.5	5.9	0.94
1_3md55	72.7	73.1	0.4	38.8	-5.8	2.5
1_3md56	73.1	73.7	0.6	43.4	4.6	1.84
1_3md57	73.7	74.7	1	39.1	-4.3	1.88
1_3md58	74.7	74.9	0.2	36.3	-2.7	0
1_3md59	74.9	75.8	0.9	38.6	2.3	1.48
1_3md60	75.8	76.3	0.5	36.2	-2.4	0.38
1_3md61	76.3	76.5	0.2	38.1	1.9	0
1_3md62	76.5	76.7	0.2	36.7	-1.4	0
1_3md63	76.7	76.9	0.2	37.3	0.6	0
1_3md64	76.9	77.1	0.2	34.8	-2.6	0
1_3md65	77.1	78.1	1	38.1	3.3	1.26
1_3md66	78.1	78.3	0.2	36.2	-1.9	0
1_3md67	78.3	81.6	3.3	39.0	2.8	1.47
1_3md68	81.6	82.9	1.3	36.6	-2.4	1.02
1_3md69	82.9	83.2	0.3	37.5	0.9	0.04
1_3md70	83.2	83.5	0.3	37.4	-0.2	1.82
1_3md71	83.5	84.2	0.7	37.2	-0.1	1.02
1_3md72	84.2	85.8	1.6	36.0	-1.3	0.89

1_3md73	85.8	86	0.2	37.3	1.4	0
1_3md74	86	90.8	4.8	36.0	-1.4	1.15
1_3md75	90.8	91.7	0.9	37.4	1.5	0.44
1_3md76	91.7	91.9	0.2	36.4	-1.0	0
1_3md77	91.9	92.1	0.2	37.4	0.9	0
1_3md78	92.1	92.3	0.2	36.9	-0.5	0
1_3md79	92.3	92.6	0.3	37.7	0.8	0.12
1_3md80	92.6	93	0.4	36.6	-1.1	0.28
1_3md81	93	94.4	1.4	38.3	1.7	0.79
1_3md82	94.4	94.9	0.5	36.1	-2.1	0.36
1_3md83	94.9	95.3	0.4	37.5	1.3	0.54
1_3md84	95.3	95.6	0.3	35.6	-1.8	0.6
1_3md85	95.6	96	0.4	37.4	1.8	0.27
1_3md86	96	102.7	6.7	35.4	-2.0	1.21
1_3md87	102.7	103	0.3	38.6	3.2	1.44
1_3md88	103	103.7	0.7	36.4	-2.2	0.4
1_3md89	103.7	104.1	0.4	36.6	0.2	1.57
1_3md90	104.1	106.5	2.4	34.9	-1.7	1.13
1_3md91	106.5	106.7	0.2	37.4	2.5	0
1_3md92	106.7	110.7	4	35.8	-1.6	0.93
1_3md93	110.7	111.1	0.4	37.2	1.5	0.13
1_3md94	111.1	111.5	0.4	36.5	-0.7	0.2
1_3md95	111.5	112.2	0.7	37.7	1.2	0.74
1_3md96	112.2	114.5	2.3	35.9	-1.8	0.76
1_3md97	114.5	115.7	1.2	38.6	2.7	1.34
1_3md98	115.7	115.9	0.2	36.3	-2.3	0
1_3md99	115.9	116.5	0.6	38.5	2.2	0.92
1_3md100	116.5	117	0.5	36.4	-2.1	1.03
1_3md101	117	117.3	0.3	37.9	1.6	0.32
1_3md102	117.3	118.4	1.1	35.7	-2.2	1.42
1_3md103	118.4	118.9	0.5	38.1	2.4	0.71
1_3md104	118.9	120.5	1.6	36.0	-2.1	1.48
1_3md105	120.5	121.8	1.3	38.2	2.2	1.02
1_3md106	121.8	126.7	4.9	35.5	-2.7	0.75
1_3md107	126.7	126.9	0.2	37.8	2.3	0
1_3md108	126.9	127.9	1	35.9	-1.9	0.79
1_3md109	127.9	128.3	0.4	37.7	1.8	0.86
1_3md110	128.3	128.6	0.3	36.0	-1.7	0.69
1_3md111	128.6	128.8	0.2	38.9	3.0	0
1_3md112	128.8	136.7	7.9	35.2	-3.7	1.12
1_3md113	136.7	137.8	1.1	37.2	2.0	0.78
1_3md114	137.8	138.1	0.3	36.6	-0.6	0.05
1_3md115	138.1	139	0.9	39.1	2.5	1.23
1_3md116	139	139.3	0.3	43.9	4.8	2.09
1_3md117	139.3	141.1	1.8	39.1	-4.8	1.22
1_3md118	141.1	141.4	0.3	35.2	-3.9	0.43
1_3md119	141.4	142.5	1.1	38.4	3.2	1.42
1_3md120	142.5	143	0.5	35.5	-3.0	0.53
1_3md121	143	143.6	0.6	37.7	2.3	1.16
1_3md122	143.6	143.8	0.2	36.8	-1.0	0
1_3md123	143.8	145.1	1.3	39.8	3.0	1.44
1_3md124	145.1	145.3	0.2	34.7	-5.1	0
1_3md125	145.3	146.4	1.1	38.2	3.5	1.69
1_3md126	146.4	149.3	2.9	35.2	-3.1	1.01
1_3md127	149.3	149.8	0.5	37.8	2.6	0.52
1_3md128	149.8	150.1	0.3	36.4	-1.4	0.21

1_3md129	150.1	151.7	1.6	37.7	1.3	1.06
1_3md130	151.7	151.9	0.2	36.6	-1.1	0
1_3md131	151.9	152.8	0.9	37.6	1.0	0.55
1_3md132	152.8	153.1	0.3	35.9	-1.6	0.84
1_3md133	153.1	153.3	0.2	37.4	1.5	0
1_3md134	153.3	153.5	0.2	36.4	-1.0	0
1_3md135	153.5	153.9	0.4	38.0	1.6	0.36
1_3md136	153.9	154.1	0.2	36.2	-1.8	0
1_3md137	154.1	155.9	1.8	39.0	2.8	1.34
1_3md138	155.9	156.6	0.7	35.6	-3.3	0.69
1_3md139	156.6	157.9	1.3	37.8	2.2	0.9
1_3md140	157.9	170.3	12.4	35.2	-2.7	1.01
1_3md141	170.3	171.2	0.9	38.2	3.0	1.07
1_3md142	171.2	171.7	0.5	41.3	3.1	0.98
1_3md143	171.7	172	0.3	39.0	-2.3	1.43
1_3md144	172	172.2	0.2	42.2	3.2	0
1_3md145	172.2	172.8	0.6	39.1	-3.1	0.82
1_3md146	172.8	173.1	0.3	46.9	7.8	2.69
1_3md147	173.1	173.4	0.3	42.3	-4.6	2
1_3md148	173.4	173.7	0.3	38.5	-3.8	0.17
1_3md149	173.7	173.9	0.2	44.1	5.6	0
1_3md150	173.9	174.9	1	40.4	-3.7	2.75
1_3md151	174.9	175.1	0.2	41.5	1.1	0
1_3md152	175.1	177.5	2.4	40.0	-1.5	1.48
1_3md153	177.5	178.8	1.3	43.6	3.6	1.39
1_3md154	178.8	181.8	3	38.8	-4.9	1.04
1_3md155	181.8	182.3	0.5	41.5	2.7	1.59
1_3md156	182.3	182.6	0.3	36.7	-4.8	2.34
1_3md157	182.6	183.2	0.6	39.6	2.9	0.96
1_3md158	183.2	183.8	0.6	43.6	4.1	1.22
1_3md159	183.8	184.1	0.3	39.4	-4.2	1.46
1_3md160	184.1	185.1	1	43.8	4.4	1.38
1_3md161	185.1	185.3	0.2	38.3	-5.6	0
1_3md162	185.3	185.5	0.2	44.3	6.1	0
1_3md163	185.5	185.9	0.4	36.5	-7.8	0.7
1_3md164	185.9	186.8	0.9	40.3	3.8	2.79
1_3md165	186.8	187.1	0.3	42.6	2.3	1.1
1_3md166	187.1	188	0.9	39.9	-2.7	1.88
1_3md167	188	188.2	0.2	35.4	-4.5	0
1_3md168	188.2	188.6	0.4	38.5	3.1	1.7
1_3md169	188.6	189	0.4	36.3	-2.2	0.71
1_3md170	189	190.4	1.4	38.9	2.6	1.4
1_3md171	190.4	190.6	0.2	36.6	-2.3	0
1_3md172	190.6	191	0.4	37.7	1.1	0.69
1_3md173	191	191.2	0.2	36.8	-0.9	0
1_3md174	191.2	192.6	1.4	38.9	2.1	1.46
1_3md175	192.6	193	0.4	45.0	6.1	0.48
1_3md176	193	193.2	0.2	50.4	5.4	0
1_3md177	193.2	193.8	0.6	43.2	-7.3	2.86
1_3md178	193.8	194.2	0.4	39.3	-3.9	0.35
1_3md179	194.2	194.5	0.3	46.5	7.2	2.44
1_3md180	194.5	194.7	0.2	45.0	-1.5	0
1_3md181	194.7	195.1	0.4	45.9	0.9	2.54
1_3md182	195.1	195.3	0.2	45.3	-0.6	0
1_3md183	195.3	195.6	0.3	48.0	2.7	3.33
1_3md184	195.6	196.3	0.7	39.7	-8.3	1.24

1_3md185	196.3	196.9	0.6	43.6	3.9	2.52
1_3md186	196.9	197.2	0.3	45.1	1.5	3.4
1_3md187	197.2	197.7	0.5	38.6	-6.4	0.97
1_3md188	197.7	198.1	0.4	42.6	3.9	3.86
1_3md189	198.1	198.3	0.2	39.4	-3.2	0
1_3md190	198.3	198.7	0.4	44.4	5.0	3.13
1_3md191	198.7	198.9	0.2	40.4	-3.9	0
1_3md192	198.9	199.2	0.3	42.7	2.3	1.73
1_3md193	199.2	199.4	0.2	39.9	-2.8	0
1_3md194	199.4	199.9	0.5	43.1	3.1	1.12
1_3md195	199.9	200.3	0.4	39.5	-3.5	0.95
1_3md196	200.3	200.7	0.4	42.8	3.3	1.52
1_3md197	200.7	201.8	1.1	38.3	-4.6	1.31
1_3md198	201.8	202.9	1.1	42.4	4.2	0.99
1_3md199	202.9	204.1	1.2	39.0	-3.5	1.33
1_3md200	204.1	204.7	0.6	42.2	3.3	2.15
1_3md201	204.7	204.9	0.2	40.4	-1.9	0
1_3md202	204.9	206.7	1.8	43.7	3.3	2.19
1_3md203	206.7	206.9	0.2	39.3	-4.4	0
1_3md204	206.9	207.2	0.3	43.3	4.0	0.8
1_3md205	207.2	207.4	0.2	39.7	-3.7	0
1_3md206	207.4	207.6	0.2	43.5	3.8	0
1_3md207	207.6	208.6	1	39.2	-4.3	1.88
1_3md208	208.6	212.5	3.9	34.8	-4.4	0.92
1_3md209	212.5	213.5	1	38.0	3.2	0.8
1_3md210	213.5	214.4	0.9	35.9	-2.1	0.81
1_3md211	214.4	215	0.6	39.0	3.0	0.79
1_3md212	215	215.6	0.6	43.8	4.9	2.05
1_3md213	215.6	216.1	0.5	48.1	4.3	3.03
1_3md214	216.1	216.3	0.2	38.8	-9.3	0
1_3md215	216.3	216.6	0.3	41.5	2.7	0.07
1_3md216	216.6	217	0.4	50.4	8.9	3.4
1_3md217	217	217.2	0.2	44.2	-6.2	0
1_3md218	217.2	217.8	0.6	47.5	3.3	2.74
1_3md219	217.8	218.1	0.3	43.9	-3.6	2.46
1_3md220	218.1	218.3	0.2	50.1	6.3	0
1_3md221	218.3	218.6	0.3	42.4	-7.7	1.13
1_3md222	218.6	218.9	0.3	38.6	-3.8	2.02
1_3md223	218.9	223.8	4.9	35.4	-3.2	1.04
1_3md224	223.8	224.3	0.5	39.4	4.0	1.2
1_3md225	224.3	225.9	1.6	43.3	3.9	1.19
1_3md226	225.9	226.4	0.5	38.6	-4.7	1.17
1_3md227	226.4	226.8	0.4	37.0	-1.6	0.67
1_3md228	226.8	227.5	0.7	38.2	1.2	0.49
1_3md229	227.5	228.1	0.6	43.0	4.8	0.94
1_3md230	228.1	228.3	0.2	47.8	4.8	0
1_3md231	228.3	228.6	0.3	42.0	-5.8	2.34
1_3md232	228.6	229	0.4	40.0	-1.9	0.68
1_3md233	229	229.3	0.3	43.0	2.9	0.88
1_3md234	229.3	230.1	0.8	48.8	5.8	2.9
1_3md235	230.1	230.9	0.8	42.5	-6.3	1.82
1_3md236	230.9	231.4	0.5	39.8	-2.7	1.31
1_3md237	231.4	232.6	1.2	36.0	-3.8	0.84
1_3md238	232.6	232.8	0.2	38.6	2.6	0
1_3md239	232.8	233.1	0.3	41.9	3.2	1.04
1_3md240	233.1	233.3	0.2	40.4	-1.4	0

1_3md241	233.3	233.7	0.4	49.3	8.9	5.97
1_3md242	233.7	234.8	1.1	43.4	-5.9	1.32
1_3md243	234.8	235.7	0.9	50.6	7.2	2.71
1_3md244	235.7	235.9	0.2	55.3	4.7	0
1_3md245	235.9	236.6	0.7	48.4	-7.0	2.61
2_1md1	0	0.5	0.5	49.5		1.25
2_1md2	0.5	0.8	0.3	45.4	-4.1	4.04
2_1md3	0.8	1.2	0.4	53.2	7.8	0.48
2_1md4	1.2	2	0.8	49.8	-3.4	2.28
2_1md5	2	2.2	0.2	43.3	-6.5	0
2_1md6	2.2	2.4	0.2	49.5	6.2	0
2_1md7	2.4	2.9	0.5	41.8	-7.7	1.22
2_1md8	2.9	3.1	0.2	46.8	5.1	0
2_1md9	3.1	3.5	0.4	43.1	-3.8	1.48
2_1md10	3.5	3.7	0.2	40.6	-2.5	0
2_1md11	3.7	3.9	0.2	54.0	13.4	0
2_1md12	3.9	4.7	0.8	39.6	-14.4	1.27
2_1md13	4.7	5.8	1.1	44.8	5.2	2.05
2_1md14	5.8	6	0.2	50.5	5.7	0
2_1md15	6	6.2	0.2	40.9	-9.7	0
2_1md16	6.2	6.8	0.6	46.8	6.0	2.47
2_1md17	6.8	7.5	0.7	44.4	-2.5	2.69
2_1md18	7.5	7.7	0.2	38.3	-6.1	0
2_1md19	7.7	7.9	0.2	42.2	3.9	0
2_1md20	7.9	8.8	0.9	47.3	5.2	3.64
2_1md21	8.8	9.4	0.6	42.5	-4.9	2.77
2_1md22	9.4	11.2	1.8	48.5	6.1	3.29
2_1md23	11.2	11.8	0.6	40.3	-8.3	1.45
2_1md24	11.8	12	0.2	41.7	1.4	0
2_1md25	12	15.9	3.9	38.7	-2.9	1.52
2_1md26	15.9	16.1	0.2	36.5	-2.2	0
2_1md27	16.1	16.5	0.4	37.5	0.9	0.98
2_1md28	16.5	16.9	0.4	46.8	9.3	3.08
2_1md29	16.9	17.3	0.4	41.7	-5.0	1.15
2_1md30	17.3	17.7	0.4	38.6	-3.1	1.22
2_1md31	17.7	19.1	1.4	36.7	-2.0	1.61
2_1md32	19.1	19.4	0.3	38.8	2.1	0.85
2_1md33	19.4	21.8	2.4	42.3	3.5	1.81
2_1md34	21.8	22.8	1	39.1	-3.3	1.15
2_1md35	22.8	23.1	0.3	44.1	5.0	2.74
2_1md36	23.1	23.4	0.3	47.0	2.9	0.96
2_1md37	23.4	23.6	0.2	44.6	-2.3	0
2_1md38	23.6	24.1	0.5	48.5	3.8	2.97
2_1md39	24.1	25.6	1.5	42.7	-5.8	1.75
2_1md40	25.6	25.9	0.3	40.3	-2.4	0.78
2_1md41	25.9	27	1.1	44.8	4.5	1.72
2_1md42	27	27.3	0.3	40.4	-4.4	0.96
2_1md43	27.3	27.7	0.4	46.9	6.5	0.67
2_1md44	27.7	28.7	1	42.8	-4.1	2
2_1md45	28.7	29.1	0.4	47.7	4.9	1.61
2_1md46	29.1	30.5	1.4	43.0	-4.7	1.78
2_1md47	30.5	32	1.5	38.5	-4.5	1.05
2_1md48	32	32.4	0.4	41.7	3.2	0.7
2_1md49	32.4	32.9	0.5	39.0	-2.7	1.35
2_1md50	32.9	33.7	0.8	43.6	4.6	1.59

2_1md51	33.7	35.7	2	39.6	-4.0	1.17
2_1md52	35.7	36.2	0.5	42.5	2.9	2.32
2_1md53	36.2	37	0.8	39.6	-2.9	0.9
2_1md54	37	37.2	0.2	42.2	2.6	0
2_1md55	37.2	37.5	0.3	40.1	-2.2	1.04
2_1md56	37.5	37.9	0.4	46.8	6.7	1.86
2_1md57	37.9	38.1	0.2	44.5	-2.3	0
2_1md58	38.1	41.8	3.7	37.9	-6.6	1.1
2_1md59	41.8	42.2	0.4	35.7	-2.2	1.02
2_1md60	42.2	44.1	1.9	37.9	2.2	0.9
2_1md61	44.1	44.3	0.2	36.6	-1.4	0
2_1md62	44.3	44.5	0.2	38.7	2.1	0
2_1md63	44.5	44.8	0.3	36.6	-2.0	0.36
2_1md64	44.8	45.4	0.6	37.8	1.2	0.87
2_1md65	45.4	47.8	2.4	35.6	-2.2	0.83
2_1md66	47.8	48.2	0.4	37.4	1.7	0.25
2_1md67	48.2	52	3.8	35.2	-2.2	1.29
2_1md68	52	52.2	0.2	42.9	7.8	0
2_1md69	52.2	53.9	1.7	38.7	-4.2	1.34
2_1md70	53.9	54.1	0.2	36.7	-2.0	0
2_1md71	54.1	54.3	0.2	38.2	1.6	0
2_1md72	54.3	54.9	0.6	36.7	-1.6	0.69
2_1md73	54.9	55.1	0.2	37.7	1.0	0
2_1md74	55.1	55.8	0.7	36.2	-1.4	0.54
2_1md75	55.8	58.2	2.4	38.1	1.9	0.88
2_1md76	58.2	58.4	0.2	35.8	-2.4	0
2_1md77	58.4	59.2	0.8	38.6	2.8	1.18
2_1md78	59.2	59.4	0.2	36.1	-2.4	0
2_1md79	59.4	60.5	1.1	38.6	2.5	1.25
2_1md80	60.5	61.5	1	36.9	-1.8	0.84
2_1md81	61.5	62.1	0.6	38.1	1.3	0.83
2_1md82	62.1	62.9	0.8	36.0	-2.1	1.18
2_1md83	62.9	63.1	0.2	37.3	1.3	0
2_1md84	63.1	63.8	0.7	36.5	-0.8	0.32
2_1md85	63.8	64.1	0.3	37.9	1.4	1.17
2_1md86	64.1	64.6	0.5	34.8	-3.1	1.17
2_1md87	64.6	65.2	0.6	37.7	2.9	1.41
2_1md88	65.2	65.5	0.3	36.7	-1.0	0.29
2_1md89	65.5	66.7	1.2	37.6	0.9	0.9
2_1md90	66.7	67.2	0.5	36.3	-1.3	0.37
2_1md91	67.2	68.7	1.5	38.2	1.9	0.52
2_1md92	68.7	69	0.3	34.3	-3.8	0.48
2_1md93	69	70.5	1.5	37.6	3.3	0.52
2_1md94	70.5	71.3	0.8	36.2	-1.4	0.76
2_1md95	71.3	71.8	0.5	38.5	2.3	0.75
2_1md96	71.8	72.1	0.3	35.2	-3.4	0.61
2_1md97	72.1	72.4	0.3	39.0	3.9	0.67
2_1md98	72.4	72.8	0.4	36.3	-2.7	1.82
2_1md99	72.8	73.9	1.1	38.4	2.1	1.47
2_1md100	73.9	74.1	0.2	35.2	-3.2	0
2_1md101	74.1	74.4	0.3	41.6	6.4	2.3
2_1md102	74.4	74.6	0.2	35.9	-5.7	0
2_1md103	74.6	74.8	0.2	39.5	3.6	0
2_1md104	74.8	75	0.2	35.3	-4.2	0
2_1md105	75	79.6	4.6	38.3	3.1	1.22
2_1md106	79.6	79.9	0.3	36.2	-2.1	0.36

2_1md107	79.9	80.5	0.6	37.9	1.7	0.81
2_1md108	80.5	80.7	0.2	35.4	-2.5	0
2_1md109	80.7	81.1	0.4	37.1	1.8	0.24
2_1md110	81.1	101.2	20.1	34.6	-2.5	1.05
2_1md111	101.2	102	0.8	37.8	3.2	0.8
2_1md112	102	102.2	0.2	35.8	-2.0	0
2_1md113	102.2	102.5	0.3	42.4	6.6	0.83
2_1md114	102.5	103.1	0.6	39.4	-3.0	0.87
2_1md115	103.1	106.3	3.2	43.4	4.0	2.65
2_1md116	106.3	106.7	0.4	38.5	-4.9	1.67
2_1md117	106.7	106.9	0.2	41.9	3.4	0
2_1md118	106.9	107.2	0.3	39.0	-2.9	1.79
2_1md119	107.2	107.9	0.7	42.1	3.1	1.32
2_1md120	107.9	108.6	0.7	39.3	-2.8	1.73
2_1md121	108.6	108.8	0.2	42.5	3.2	0
2_1md122	108.8	109.6	0.8	38.8	-3.7	1.03
2_1md123	109.6	110.4	0.8	41.4	2.6	1.97
2_1md124	110.4	110.6	0.2	39.3	-2.2	0
2_1md125	110.6	111.5	0.9	42.1	2.8	1.89
2_1md126	111.5	111.7	0.2	39.6	-2.5	0
2_1md127	111.7	112.1	0.4	41.3	1.7	1.6
2_1md128	112.1	112.4	0.3	39.6	-1.8	0.92
2_1md129	112.4	112.7	0.3	46.9	7.3	2.32
2_1md130	112.7	112.9	0.2	42.3	-4.5	0
2_1md131	112.9	114.2	1.3	39.3	-3.0	1.31
2_1md132	114.2	114.9	0.7	42.2	2.8	1.27
2_1md133	114.9	117.3	2.4	38.5	-3.7	1.1
2_1md134	117.3	117.7	0.4	35.6	-2.9	0.86
2_1md135	117.7	119.7	2	38.0	2.4	1.36
2_1md136	119.7	120.2	0.5	36.8	-1.2	0.78
2_1md137	120.2	121.4	1.2	38.3	1.5	1.35
2_1md138	121.4	121.7	0.3	35.8	-2.5	1.15
2_1md139	121.7	122.9	1.2	37.8	2.0	0.59
2_1md140	122.9	126.5	3.6	35.4	-2.4	1.02
2_1md141	126.5	126.8	0.3	37.2	1.7	0.11
2_1md142	126.8	131.1	4.3	35.7	-1.4	0.99
2_1md143	131.1	131.5	0.4	38.2	2.5	0.68
2_1md144	131.5	132.9	1.4	36.8	-1.5	0.46
2_1md145	132.9	133.4	0.5	37.1	0.3	0.4
2_1md146	133.4	133.6	0.2	37.8	0.7	0
2_1md147	133.6	134.1	0.5	35.6	-2.2	0.97
2_1md148	134.1	135.7	1.6	38.6	3.1	1.35
2_1md149	135.7	135.9	0.2	36.6	-2.0	0
2_1md150	135.9	136.6	0.7	38.2	1.5	0.71
2_1md151	136.6	137	0.4	35.4	-2.7	0.56
2_1md152	137	137.2	0.2	38.7	3.3	0
2_1md153	137.2	137.4	0.2	35.2	-3.6	0
2_1md154	137.4	139.7	2.3	39.0	3.9	1.36
2_1md155	139.7	140.1	0.4	35.3	-3.7	1.02
2_1md156	140.1	140.3	0.2	39.3	3.9	0
2_1md157	140.3	141.4	1.1	36.5	-2.8	0.99
2_1md158	141.4	143.1	1.7	38.3	1.8	0.69
2_1md159	143.1	143.5	0.4	36.4	-2.0	0.22
2_1md160	143.5	143.8	0.3	38.3	1.9	0.45
2_1md161	143.8	152.5	8.7	35.2	-3.1	1.26
2_1md162	152.5	152.8	0.3	37.7	2.5	0.77

2_1md163	152.8	153.5	0.7	36.6	-1.1	0.62
2_1md164	153.5	153.9	0.4	37.5	0.9	0.84
2_1md165	153.9	154.2	0.3	35.4	-2.1	0.75
2_1md166	154.2	154.5	0.3	37.5	2.1	0.39
2_1md167	154.5	154.9	0.4	35.7	-1.8	0.94
2_1md168	154.9	156	1.1	38.0	2.3	0.87
2_1md169	156	156.2	0.2	35.7	-2.3	0
2_1md170	156.2	156.4	0.2	37.4	1.7	0
2_1md171	156.4	158.8	2.4	36.3	-1.1	0.71
2_1md172	158.8	159.1	0.3	37.6	1.4	0.15
2_1md173	159.1	160.4	1.3	36.5	-1.2	0.42
2_1md174	160.4	163.6	3.2	37.8	1.3	0.76
2_1md175	163.6	163.8	0.2	36.6	-1.2	0
2_1md176	163.8	164.8	1	38.0	1.4	0.62
2_1md177	164.8	165	0.2	36.5	-1.5	0
2_1md178	165	165.5	0.5	38.8	2.3	1.24
2_1md179	165.5	166.1	0.6	41.5	2.7	1.3
2_1md180	166.1	166.4	0.3	38.9	-2.6	1.51
2_1md181	166.4	166.9	0.5	36.3	-2.6	0.41
2_1md182	166.9	167.1	0.2	39.5	3.2	0
2_1md183	167.1	168.2	1.1	36.2	-3.2	0.56
2_1md184	168.2	168.5	0.3	38.8	2.5	1.31
2_1md185	168.5	168.7	0.2	42.3	3.5	0
2_1md186	168.7	169.5	0.8	38.8	-3.5	1.42
2_1md187	169.5	170.7	1.2	35.7	-3.1	0.92
2_1md188	170.7	170.9	0.2	39.0	3.3	0
2_1md189	170.9	171.2	0.3	43.8	4.7	1.84
2_1md190	171.2	171.7	0.5	35.7	-8.1	0.99
2_1md191	171.7	172.2	0.5	38.1	2.4	0.82
2_1md192	172.2	172.4	0.2	35.2	-2.8	0
2_1md193	172.4	173.3	0.9	38.4	3.2	2.16
2_1md194	173.3	173.5	0.2	36.2	-2.2	0
2_1md195	173.5	174.9	1.4	39.7	3.4	2.17
2_1md196	174.9	175.8	0.9	41.6	1.9	0.82
2_1md197	175.8	177.1	1.3	39.0	-2.6	0.83
2_1md198	177.1	177.8	0.7	36.6	-2.4	0.35
2_1md199	177.8	178.6	0.8	38.5	1.9	1.32
2_1md200	178.6	178.8	0.2	35.9	-2.6	0
2_1md201	178.8	179.2	0.4	37.3	1.4	0.36
2_1md202	179.2	183.3	4.1	35.4	-1.8	0.66
2_1md203	183.3	184.2	0.9	38.0	2.6	0.72
2_1md204	184.2	184.4	0.2	36.3	-1.7	0
2_1md205	184.4	185.1	0.7	40.1	3.8	1.07
2_1md206	185.1	186	0.9	41.2	1.1	1.68
2_1md207	186	187.9	1.9	38.4	-2.8	1.17
2_1md208	187.9	188.3	0.4	42.9	4.5	0.36
2_1md209	188.3	189.1	0.8	40.5	-2.4	1.51
2_1md210	189.1	190.2	1.1	43.4	2.9	3.65
2_1md211	190.2	190.4	0.2	35.8	-7.6	0
2_1md212	190.4	190.8	0.4	39.0	3.2	1.57
2_1md213	190.8	192.1	1.3	43.6	4.6	1.61
2_1md214	192.1	192.3	0.2	38.2	-5.4	0
2_1md215	192.3	192.5	0.2	41.4	3.3	0
2_1md216	192.5	192.7	0.2	40.4	-1.0	0
2_1md217	192.7	192.9	0.2	42.5	2.0	0
2_1md218	192.9	193.2	0.3	40.1	-2.4	0.66

2_1md219	193.2	193.8	0.6	41.9	1.8	2.17
2_1md220	193.8	194.2	0.4	39.0	-2.9	1.59
2_1md221	194.2	195.3	1.1	42.5	3.5	1.37
2_1md222	195.3	195.8	0.5	38.3	-4.3	0.84
2_1md223	195.8	196	0.2	36.6	-1.7	0
2_1md224	196	196.8	0.8	37.8	1.2	0.59
2_2md1	0	1.1	1.1	41.7		1.93
2_2md2	1.1	1.3	0.2	39.8	-1.9	0
2_2md3	1.3	1.6	0.3	45.8	6.0	2.48
2_2md4	1.6	1.8	0.2	37.4	-8.4	0
2_2md5	1.8	2	0.2	42.6	5.3	0
2_2md6	2	2.2	0.2	38.2	-4.4	0
2_2md7	2.2	2.8	0.6	44.0	5.8	2.33
2_2md8	2.8	3.1	0.3	38.6	-5.4	1.97
2_2md9	3.1	3.9	0.8	42.4	3.8	1.35
2_2md10	3.9	4.3	0.4	39.7	-2.7	0.28
2_2md11	4.3	4.7	0.4	41.9	2.2	2.79
2_2md12	4.7	5.7	1	39.3	-2.6	1.48
2_2md13	5.7	5.9	0.2	42.7	3.4	0
2_2md14	5.9	6.3	0.4	40.4	-2.3	0.63
2_2md15	6.3	7.1	0.8	43.4	3.0	1.82
2_2md16	7.1	7.3	0.2	41.0	-2.4	0
2_2md17	7.3	8.7	1.4	41.7	0.7	2.66
2_2md18	8.7	8.9	0.2	47.0	5.3	0
2_2md19	8.9	9.8	0.9	40.0	-7.0	1.49
2_2md20	9.8	10	0.2	35.6	-4.4	0
2_2md21	10	10.9	0.9	39.8	4.2	1.34
2_2md22	10.9	11.2	0.3	36.1	-3.7	0.64
2_2md23	11.2	11.5	0.3	38.6	2.5	1.37
2_2md24	11.5	12.4	0.9	35.7	-2.9	0.97
2_2md25	12.4	12.6	0.2	39.4	3.7	0
2_2md26	12.6	13.7	1.1	36.4	-3.0	0.77
2_2md27	13.7	14.4	0.7	39.6	3.2	1.39
2_2md28	14.4	14.6	0.2	42.3	2.6	0
2_2md29	14.6	15.1	0.5	39.2	-3.1	0.95
2_2md30	15.1	15.3	0.2	41.4	2.2	0
2_2md31	15.3	16.3	1	39.7	-1.7	1.66
2_2md32	16.3	17	0.7	42.7	3.0	1.59
2_2md33	17	17.2	0.2	36.7	-5.9	0
2_2md34	17.2	17.8	0.6	39.8	3.1	1.23
2_2md35	17.8	18.2	0.4	42.6	2.8	1.52
2_2md36	18.2	18.5	0.3	39.6	-3.0	0.31
2_2md37	18.5	18.7	0.2	41.3	1.7	0
2_2md38	18.7	20.4	1.7	39.8	-1.6	0.95
2_2md39	20.4	20.6	0.2	42.2	2.4	0
2_2md40	20.6	22.3	1.7	38.5	-3.7	0.95
2_2md41	22.3	28.4	6.1	35.3	-3.2	0.67
2_2md42	28.4	28.8	0.4	37.1	1.8	0.43
2_2md43	28.8	29	0.2	36.2	-0.9	0
2_2md44	29	29.3	0.3	37.3	1.0	0.26
2_2md45	29.3	31	1.7	35.5	-1.8	1.01
2_2md46	31	31.5	0.5	37.8	2.3	1.01
2_2md47	31.5	31.9	0.4	35.2	-2.6	1.01
2_2md48	31.9	32.4	0.5	37.3	2.1	1.19
2_2md49	32.4	32.8	0.4	36.1	-1.1	1.22

2_2md50	32.8	33	0.2	38.4	2.3	0
2_2md51	33	33.4	0.4	36.2	-2.2	0.66
2_2md52	33.4	34	0.6	37.9	1.7	1.01
2_2md53	34	34.3	0.3	36.5	-1.5	0.05
2_2md54	34.3	36.2	1.9	39.7	3.3	1.43
2_2md55	36.2	36.4	0.2	42.3	2.5	0
2_2md56	36.4	37.6	1.2	39.2	-3.0	1.66
2_2md57	37.6	38.3	0.7	36.1	-3.1	0.88
2_2md58	38.3	39.2	0.9	38.2	2.1	1.45
2_2md59	39.2	39.4	0.2	36.4	-1.8	0
2_2md60	39.4	40.3	0.9	38.1	1.8	1.03
2_2md61	40.3	41.1	0.8	36.3	-1.9	0.48
2_2md62	41.1	42	0.9	38.2	1.9	1.16
2_2md63	42	42.4	0.4	36.5	-1.8	0.99
2_2md64	42.4	43.2	0.8	39.0	2.5	0.75
2_2md65	43.2	43.5	0.3	36.0	-3.0	1.25
2_2md66	43.5	46.8	3.3	37.9	1.9	0.97
2_2md67	46.8	47.4	0.6	36.1	-1.7	0.61
2_2md68	47.4	47.9	0.5	37.8	1.6	0.37
2_2md69	47.9	48.2	0.3	36.5	-1.3	0.24
2_2md70	48.2	48.4	0.2	37.4	0.9	0
2_2md71	48.4	49	0.6	35.9	-1.5	0.6
2_2md72	49	49.2	0.2	37.7	1.8	0
2_2md73	49.2	49.7	0.5	36.4	-1.3	0.34
2_2md74	49.7	50	0.3	37.5	1.1	0.55
2_2md75	50	53	3	46.4	8.9	0
2_2md76	53	53.2	0.2	36.3	-10.0	0
2_2md77	53.2	53.6	0.4	37.7	1.3	0.86
2_2md78	53.6	53.9	0.3	35.7	-2.0	0.66
2_2md79	53.9	54.1	0.2	37.2	1.5	0
2_2md80	54.1	54.3	0.2	36.1	-1.1	0
2_2md81	54.3	55.7	1.4	37.8	1.6	0.91
2_2md82	55.7	56.2	0.5	36.0	-1.7	0.6
2_2md83	56.2	56.8	0.6	37.8	1.8	0.6
2_2md84	56.8	57.1	0.3	36.1	-1.7	0.29
2_2md85	57.1	57.6	0.5	39.6	3.5	1.52
2_2md86	57.6	57.9	0.3	42.2	2.6	0.68
2_2md87	57.9	58.3	0.4	39.8	-2.3	1.72
2_2md88	58.3	59	0.7	42.2	2.3	1.41
2_2md89	59	59.2	0.2	40.1	-2.1	0
2_2md90	59.2	59.6	0.4	41.9	1.8	0.48
2_2md91	59.6	60.4	0.8	39.9	-2.1	0.93
2_2md92	60.4	60.6	0.2	42.9	3.0	0
2_2md93	60.6	62.2	1.6	38.8	-4.0	1.23
2_2md94	62.2	62.9	0.7	36.3	-2.5	0.45
2_2md95	62.9	63.4	0.5	38.0	1.7	2.23
2_2md96	63.4	64.7	1.3	36.2	-1.7	0.77
2_2md97	64.7	65.3	0.6	37.9	1.7	0.91
2_2md98	65.3	67.2	1.9	36.4	-1.6	0.75
2_2md99	67.2	67.4	0.2	37.9	1.6	0
2_2md100	67.4	69.4	2	36.1	-1.8	0.79
2_2md101	69.4	70.1	0.7	38.9	2.8	0.58
2_2md102	70.1	70.5	0.4	41.9	3.0	1.04
2_2md103	70.5	71	0.5	39.9	-2.0	0.95
2_2md104	71	71.8	0.8	42.7	2.8	0.97
2_2md105	71.8	73.9	2.1	39.3	-3.4	1.27

2_2md106	73.9	75.1	1.2	41.9	2.6	2.04
2_2md107	75.1	75.6	0.5	40.3	-1.6	0.46
2_2md108	75.6	76	0.4	42.3	2.1	0.57
2_2md109	76	77.2	1.2	39.2	-3.1	2.09
2_2md110	77.2	77.8	0.6	42.4	3.1	1.76
2_2md111	77.8	78	0.2	36.1	-6.3	0
2_2md112	78	79.3	1.3	39.2	3.2	2.17
2_2md113	79.3	80	0.7	42.0	2.7	1.7
2_2md114	80	80.5	0.5	39.2	-2.8	1.03
2_2md115	80.5	81	0.5	41.7	2.6	0.55
2_2md116	81	81.2	0.2	40.2	-1.6	0
2_2md117	81.2	82.1	0.9	36.6	-3.5	2.4
2_2md118	82.1	82.6	0.5	37.5	0.8	0.4
2_2md119	82.6	83.1	0.5	35.8	-1.6	0.55
2_2md120	83.1	83.8	0.7	39.9	4.1	1.39
2_2md121	83.8	84.3	0.5	35.8	-4.1	0.89
2_2md122	84.3	86.1	1.8	38.6	2.7	1.08
2_2md123	86.1	86.4	0.3	36.3	-2.3	0.86
2_2md124	86.4	87.4	1	39.1	2.8	1.07
2_2md125	87.4	88	0.6	42.2	3.2	0.59
2_2md126	88	88.3	0.3	38.8	-3.4	1.9
2_2md127	88.3	88.6	0.3	41.8	3.0	0.98
2_2md128	88.6	89.9	1.3	39.3	-2.5	1.23
2_2md129	89.9	90.1	0.2	35.5	-3.8	0
2_2md130	90.1	90.3	0.2	39.2	3.7	0
2_2md131	90.3	91.1	0.8	42.9	3.7	1.64
2_2md132	91.1	91.4	0.3	40.7	-2.2	0.07
2_2md133	91.4	91.6	0.2	43.3	2.6	0
2_2md134	91.6	92	0.4	40.5	-2.8	0.95
2_2md135	92	92.6	0.6	42.4	1.9	2.31
2_2md136	92.6	93.3	0.7	39.6	-2.8	0.93
2_2md137	93.3	93.9	0.6	34.6	-5.0	0.67
2_2md138	93.9	95.5	1.6	37.8	3.2	0.99
2_2md139	95.5	96.1	0.6	36.6	-1.3	0.68
2_2md140	96.1	96.4	0.3	37.6	1.0	0.41
2_2md141	96.4	96.6	0.2	36.7	-0.9	0
2_2md142	96.6	97	0.4	37.5	0.8	0.63
2_2md143	97	103.4	6.4	35.6	-1.9	0.85
2_2md144	103.4	105.8	2.4	38.1	2.5	1.01
2_2md145	105.8	106	0.2	36.3	-1.9	0
2_2md146	106	106.3	0.3	37.3	1.1	0.47
2_2md147	106.3	125.3	19	34.9	-2.4	1.09
2_2md148	125.3	125.5	0.2	37.6	2.7	0
2_2md149	125.5	128.4	2.9	35.5	-2.1	0.94
2_2md150	128.4	128.9	0.5	37.6	2.1	0.45
2_2md151	128.9	136.6	7.7	35.3	-2.3	0.91
2_2md152	136.6	136.8	0.2	37.7	2.4	0
2_2md153	136.8	137.4	0.6	36.2	-1.5	1.06
2_2md154	137.4	137.7	0.3	37.5	1.3	0.33
2_2md155	137.7	144.7	7	35.8	-1.7	1
2_2md156	144.7	145.2	0.5	37.9	2.1	1.16
2_2md157	145.2	145.4	0.2	35.9	-2.0	0
2_2md158	145.4	145.6	0.2	37.5	1.6	0
2_2md159	145.6	146.6	1	36.3	-1.2	0.43
2_2md160	146.6	147	0.4	37.4	1.0	0.28
2_2md161	147	147.6	0.6	35.9	-1.4	0.9

2_2md162	147.6	148.1	0.5	37.5	1.6	0.69
2_2md163	148.1	149.7	1.6	36.3	-1.2	1.05
2_2md164	149.7	150.4	0.7	37.2	0.9	0.63
2_2md165	150.4	150.7	0.3	36.4	-0.8	0.14
2_2md166	150.7	151.4	0.7	38.2	1.8	0.8
2_2md167	151.4	164.2	12.8	35.0	-3.2	1.11
2_2md168	164.2	164.5	0.3	37.8	2.8	0.26
2_2md169	164.5	173.2	8.7	35.1	-2.7	1.09
2_2md170	173.2	174.1	0.9	37.9	2.8	0.7
2_2md171	174.1	174.4	0.3	36.1	-1.9	0.94
2_2md172	174.4	175.3	0.9	38.5	2.4	0.99
2_2md173	175.3	175.7	0.4	36.6	-2.0	0.48
2_2md174	175.7	176.1	0.4	38.4	1.8	0.95
2_2md175	176.1	176.9	0.8	37.0	-1.4	0.96
2_2md176	176.9	177.5	0.6	39.0	2.0	1.4
2_2md177	177.5	177.9	0.4	35.8	-3.1	0.79
2_2md178	177.9	178.3	0.4	39.0	3.2	1.48
2_2md179	178.3	178.9	0.6	36.6	-2.5	1.22
2_2md180	178.9	179.8	0.9	37.5	1.0	1.01
2_2md181	179.8	180.1	0.3	36.1	-1.4	0.57
2_2md182	180.1	180.3	0.2	37.9	1.8	0
2_2md183	180.3	180.8	0.5	35.7	-2.1	0.79
2_2md184	180.8	181.6	0.8	38.7	2.9	1.21
2_2md185	181.6	184	2.4	35.8	-2.9	0.82
2_2md186	184	184.7	0.7	37.3	1.5	0.47
2_2md187	184.7	190.1	5.4	35.6	-1.7	0.91
2_2md188	190.1	190.3	0.2	37.1	1.5	0
2_2md189	190.3	196.8	6.5	35.4	-1.7	1.1
2_3md1	0	3.3	3.3	34.7		1.15
2_3md2	3.3	3.5	0.2	37.4	2.7	0
2_3md3	3.5	11.7	8.2	35.5	-1.9	0.94
2_3md4	11.7	11.9	0.2	37.1	1.6	0
2_3md5	11.9	16.3	4.4	35.6	-1.5	1.05
2_3md6	16.3	16.5	0.2	37.2	1.6	0
2_3md7	16.5	19.8	3.3	36.2	-0.9	0.89
2_3md8	19.8	20	0.2	37.6	1.4	0
2_3md9	20	20.2	0.2	36.8	-0.9	0
2_3md10	20.2	20.6	0.4	38.0	1.3	0.39
2_3md11	20.6	21.8	1.2	36.2	-1.8	0.78
2_3md12	21.8	22.4	0.6	37.5	1.3	0.57
2_3md13	22.4	26.9	4.5	34.4	-3.1	0.89
2_3md14	26.9	27.1	0.2	37.5	3.1	0
2_3md15	27.1	36.4	9.3	35.8	-1.7	1.09
2_3md16	36.4	36.6	0.2	37.7	1.9	0
2_3md17	36.6	37.2	0.6	36.4	-1.3	0.32
2_3md18	37.2	37.7	0.5	37.3	0.9	0.54
2_3md19	37.7	37.9	0.2	37.9	0.5	0
2_3md20	37.9	41.9	4	35.1	-2.8	0.91
2_3md21	41.9	42.1	0.2	37.6	2.5	0
2_3md22	42.1	46.1	4	36.1	-1.5	1.23
2_3md23	46.1	46.6	0.5	38.5	2.3	0.87
2_3md24	46.6	48.2	1.6	36.7	-1.8	1.06
2_3md25	48.2	49.3	1.1	37.6	0.9	1.04
2_3md26	49.3	53.1	3.8	35.1	-2.5	1.28
2_3md27	53.1	53.3	0.2	37.5	2.4	0

2_3md28	53.3	56.8	3.5	35.4	-2.1	0.76
2_3md29	56.8	57	0.2	37.4	2.0	0
2_3md30	57	58.4	1.4	35.9	-1.5	0.66
2_3md31	58.4	58.8	0.4	37.6	1.7	0.29
2_3md32	58.8	59.2	0.4	35.9	-1.7	1.68
2_3md33	59.2	59.6	0.4	37.5	1.6	0.45
2_3md34	59.6	62	2.4	35.5	-2.0	0.76
2_3md35	62	63.4	1.4	37.9	2.4	0.6
2_3md36	63.4	64.1	0.7	42.0	4.1	1.69
2_3md37	64.1	64.7	0.6	37.0	-5.0	0.97
2_3md38	64.7	65.3	0.6	40.0	3.0	1.1
2_3md39	65.3	65.5	0.2	41.2	1.2	0
2_3md40	65.5	65.9	0.4	39.0	-2.2	1.01
2_3md41	65.9	66.1	0.2	36.0	-3.0	0
2_3md42	66.1	66.8	0.7	38.5	2.5	0.78
2_3md43	66.8	67.3	0.5	36.6	-1.9	0.73
2_3md44	67.3	67.7	0.4	36.8	0.1	0.75
2_3md45	67.7	74.6	6.9	35.6	-1.2	1.18
2_3md46	74.6	75	0.4	37.5	1.9	0.49
2_3md47	75	83.5	8.5	34.9	-2.6	1.07
2_3md48	83.5	84.8	1.3	37.8	2.9	1.2
2_3md49	84.8	85.5	0.7	42.7	4.8	2.81
2_3md50	85.5	85.9	0.4	40.2	-2.4	0.56
2_3md51	85.9	86.7	0.8	41.9	1.6	1.49
2_3md52	86.7	87.2	0.5	39.6	-2.2	1.08
2_3md53	87.2	87.4	0.2	36.7	-3.0	0
2_3md54	87.4	88.2	0.8	39.2	2.5	1.99
2_3md55	88.2	88.6	0.4	42.0	2.8	1.14
2_3md56	88.6	90.6	2	39.3	-2.7	1.83
2_3md57	90.6	90.8	0.2	35.9	-3.4	0
2_3md58	90.8	91.8	1	39.1	3.2	1.67
2_3md59	91.8	92	0.2	35.6	-3.5	0
2_3md60	92	92.4	0.4	38.2	2.6	0.76
2_3md61	92.4	92.6	0.2	34.6	-3.7	0
2_3md62	92.6	95.9	3.3	39.1	4.6	1.11
2_3md63	95.9	96.1	0.2	36.6	-2.6	0
2_3md64	96.1	96.6	0.5	38.2	1.6	0.94
2_3md65	96.6	97.7	1.1	36.4	-1.8	0.35
2_3md66	97.7	100.8	3.1	39.2	2.7	1.42
2_3md67	100.8	101.2	0.4	42.7	3.6	2.17
2_3md68	101.2	102.8	1.6	39.8	-2.9	1.9
2_3md69	102.8	103.1	0.3	43.6	3.8	0.98
2_3md70	103.1	103.5	0.4	38.9	-4.8	1.73
2_3md71	103.5	103.7	0.2	42.8	3.9	0
2_3md72	103.7	106.8	3.1	39.8	-3.0	1.33
2_3md73	106.8	107.1	0.3	41.9	2.1	0.15
2_3md74	107.1	110.7	3.6	39.3	-2.6	1.69
2_3md75	110.7	111.2	0.5	42.6	3.3	1.11
2_3md76	111.2	111.5	0.3	39.2	-3.4	0.99
2_3md77	111.5	112.3	0.8	42.2	2.9	0.78
2_3md78	112.3	112.6	0.3	39.3	-2.9	1.49
2_3md79	112.6	113.1	0.5	43.3	4.0	1.96
2_3md80	113.1	113.8	0.7	47.0	3.7	2.24
2_3md81	113.8	114.2	0.4	40.1	-6.9	1.44
2_3md82	114.2	114.4	0.2	46.9	6.8	0
2_3md83	114.4	115.7	1.3	42.9	-4.0	1.4

2_3md84	115.7	117.1	1.4	39.9	-3.0	1.05
2_3md85	117.1	117.6	0.5	42.1	2.2	0.58
2_3md86	117.6	117.9	0.3	39.4	-2.7	0.92
2_3md87	117.9	118.6	0.7	43.0	3.6	2.06
2_3md88	118.6	120	1.4	39.9	-3.1	0.68
2_3md89	120	120.8	0.8	43.1	3.1	2.47
2_3md90	120.8	121	0.2	49.2	6.1	0
2_3md91	121	121.9	0.9	40.3	-8.8	2.74
2_3md92	121.9	123.5	1.6	43.3	3.0	2.2
2_3md93	123.5	123.8	0.3	48.6	5.3	0.68
2_3md94	123.8	124	0.2	43.8	-4.9	0
2_3md95	124	124.2	0.2	50.8	7.0	0
2_3md96	124.2	124.5	0.3	45.0	-5.8	2.38
2_3md97	124.5	124.7	0.2	38.1	-6.9	0
2_3md98	124.7	126.4	1.7	43.2	5.1	1.95
2_3md99	126.4	126.6	0.2	38.0	-5.2	0
2_3md100	126.6	126.9	0.3	43.0	5.0	1.73
2_3md101	126.9	127.3	0.4	49.1	6.1	2.63
2_3md102	127.3	128.1	0.8	45.0	-4.1	4.19
2_3md103	128.1	128.3	0.2	48.1	3.2	0
2_3md104	128.3	128.6	0.3	40.7	-7.5	0.31
2_3md105	128.6	129.1	0.5	42.2	1.6	2.24
2_3md106	129.1	130	0.9	50.7	8.5	1.89
2_3md107	130	130.2	0.2	44.4	-6.3	0
2_3md108	130.2	130.8	0.6	53.0	8.6	3.59
2_3md109	130.8	131	0.2	40.8	-12.2	0
2_3md110	131	131.3	0.3	44.5	3.8	2.12
2_3md111	131.3	131.5	0.2	38.3	-6.3	0
2_3md112	131.5	133.1	1.6	41.9	3.7	1.53
2_3md113	133.1	134.2	1.1	39.1	-2.8	1.14
2_3md114	134.2	134.7	0.5	43.4	4.3	2.21
2_3md115	134.7	135.1	0.4	53.2	9.8	1.23
2_3md116	135.1	135.6	0.5	47.1	-6.1	2.53
2_3md117	135.6	136.2	0.6	43.7	-3.3	3.05
2_3md118	136.2	136.8	0.6	47.3	3.5	2.11
2_3md119	136.8	137.6	0.8	44.8	-2.4	2.11
2_3md120	137.6	138	0.4	48.6	3.8	2.69
2_3md121	138	138.4	0.4	42.9	-5.8	1.62
2_3md122	138.4	138.6	0.2	47.2	4.3	0
2_3md123	138.6	139	0.4	43.0	-4.2	1.31
2_3md124	139	139.5	0.5	38.9	-4.1	1.16
2_3md125	139.5	140.1	0.6	44.9	6.0	1.85
2_3md126	140.1	140.3	0.2	47.6	2.7	0
2_3md127	140.3	140.8	0.5	42.0	-5.6	0.96
2_3md128	140.8	141.4	0.6	50.2	8.2	2.67
2_3md129	141.4	142.6	1.2	43.4	-6.8	2.59
2_3md130	142.6	142.8	0.2	47.8	4.4	0
2_3md131	142.8	143.1	0.3	55.4	7.6	1.4
2_3md132	143.1	143.8	0.7	44.8	-10.7	3.44
2_3md133	143.8	144.4	0.6	48.2	3.5	2.3
2_3md134	144.4	144.7	0.3	37.7	-10.6	1.05
2_3md135	144.7	145.6	0.9	45.9	8.2	4.73
2_3md136	145.6	145.8	0.2	59.1	13.2	0
2_3md137	145.8	146.7	0.9	40.1	-19.1	0.64
2_3md138	146.7	147.6	0.9	48.2	8.1	3.55
2_3md139	147.6	148.2	0.6	45.2	-3.0	3.06

3_1md1	0	0.6	0.6	42.0		1.63
3_1md2	0.6	0.9	0.3	39.5	-2.5	0.77
3_1md3	0.9	1.5	0.6	42.6	3.1	1.41
3_1md4	1.5	3.2	1.7	38.5	-4.1	1.54
3_1md5	3.2	4	0.8	36.4	-2.1	0.62
3_1md6	4	5.1	1.1	37.9	1.6	1.35
3_1md7	5.1	5.6	0.5	41.8	3.8	0.77
3_1md8	5.6	5.9	0.3	38.6	-3.2	2
3_1md9	5.9	10.9	5	34.7	-3.8	1.01
3_1md10	10.9	11.1	0.2	37.7	3.0	0
3_1md11	11.1	11.5	0.4	36.7	-1.0	0.3
3_1md12	11.5	12.2	0.7	38.6	2.0	1.61
3_1md13	12.2	12.4	0.2	35.6	-3.1	0
3_1md14	12.4	12.6	0.2	38.0	2.4	0
3_1md15	12.6	14.6	2	35.0	-3.0	1.03
3_1md16	14.6	18.4	3.8	38.4	3.4	1.56
3_1md17	18.4	18.6	0.2	36.9	-1.5	0
3_1md18	18.6	22	3.4	38.0	1.1	1.1
3_1md19	22	22.2	0.2	36.3	-1.8	0
3_1md20	22.2	23	0.8	37.1	0.8	0.37
3_1md21	23	24.1	1.1	35.9	-1.1	0.75
3_1md22	24.1	24.4	0.3	37.5	1.6	0.15
3_1md23	24.4	25.1	0.7	36.8	-0.8	1.26
3_1md24	25.1	25.4	0.3	39.1	2.3	0.8
3_1md25	25.4	25.6	0.2	34.9	-4.2	0
3_1md26	25.6	26.6	1	39.4	4.5	1.06
3_1md27	26.6	29.2	2.6	35.7	-3.7	0.91
3_1md28	29.2	29.7	0.5	37.6	1.9	1.51
3_1md29	29.7	30.1	0.4	35.8	-1.8	0.52
3_1md30	30.1	31.2	1.1	38.0	2.2	1.13
3_1md31	31.2	31.5	0.3	35.7	-2.3	1.32
3_1md32	31.5	32.4	0.9	37.9	2.2	0.82
3_1md33	32.4	32.6	0.2	36.5	-1.4	0
3_1md34	32.6	33.2	0.6	38.6	2.1	1
3_1md35	33.2	33.4	0.2	36.4	-2.2	0
3_1md36	33.4	38	4.6	38.2	1.8	1.04
3_1md37	38	38.4	0.4	34.9	-3.2	1.27
3_1md38	38.4	38.9	0.5	37.5	2.6	1.49
3_1md39	38.9	39.1	0.2	36.7	-0.8	0
3_1md40	39.1	39.7	0.6	38.0	1.3	1.43
3_1md41	39.7	39.9	0.2	36.3	-1.7	0
3_1md42	39.9	40.2	0.3	39.4	3.0	1.41
3_1md43	40.2	40.4	0.2	43.7	4.3	0
3_1md44	40.4	40.9	0.5	37.6	-6.1	1
3_1md45	40.9	44.8	3.9	35.4	-2.2	0.79
3_1md46	44.8	45	0.2	37.5	2.2	0
3_1md47	45	45.3	0.3	35.8	-1.7	0.96
3_1md48	45.3	46.9	1.6	38.2	2.3	0.59
3_1md49	46.9	47.3	0.4	35.7	-2.4	0.76
3_1md50	47.3	48.2	0.9	38.5	2.8	1.03
3_1md51	48.2	48.4	0.2	36.6	-1.9	0
3_1md52	48.4	50.6	2.2	38.2	1.6	0.84
3_1md53	50.6	50.9	0.3	35.5	-2.7	0.46
3_1md54	50.9	51.3	0.4	37.7	2.2	1.49
3_1md55	51.3	51.6	0.3	36.5	-1.2	0.41

3_1md56	51.6	52.3	0.7	38.3	1.7	1.38
3_1md57	52.3	53.8	1.5	35.8	-2.4	0.87
3_1md58	53.8	54.2	0.4	37.2	1.3	0.17
3_1md59	54.2	56.5	2.3	35.8	-1.4	0.76
3_1md60	56.5	56.9	0.4	37.4	1.7	0.68
3_1md61	56.9	59.8	2.9	0.0	-37.4	0
3_1md62	59.8	62.2	2.4	35.4	35.4	0.73
3_1md63	62.2	62.7	0.5	37.7	2.4	0.28
3_1md64	62.7	62.9	0.2	36.7	-1.0	0
3_1md65	62.9	68.1	5.2	38.9	2.2	1.51
3_1md66	68.1	68.6	0.5	42.1	3.2	0.58
3_1md67	68.6	69.2	0.6	36.1	-5.9	1.15
3_1md68	69.2	71.5	2.3	38.7	2.6	1.23
3_1md69	71.5	75	3.5	35.5	-3.3	0.94
3_1md70	75	76.1	1.1	37.7	2.2	0.71
3_1md71	76.1	84.3	8.2	35.6	-2.1	0.82
3_1md72	84.3	84.7	0.4	37.7	2.1	0.47
3_1md73	84.7	85.1	0.4	36.9	-0.8	0.36
3_1md74	85.1	85.7	0.6	41.6	4.7	0.31
3_1md75	85.7	86.3	0.6	36.0	-5.7	0.97
3_1md76	86.3	86.7	0.4	37.7	1.7	0.67
3_1md77	86.7	87.1	0.4	36.6	-1.1	0.39
3_1md78	87.1	87.3	0.2	37.5	0.9	0
3_1md79	87.3	87.5	0.2	35.9	-1.6	0
3_1md80	87.5	87.8	0.3	38.6	2.7	1.07
3_1md81	87.8	88	0.2	36.5	-2.1	0
3_1md82	88	89.5	1.5	37.6	1.2	0.49
3_1md83	89.5	89.7	0.2	35.8	-1.8	0
3_1md84	89.7	89.9	0.2	37.6	1.8	0
3_1md85	89.9	90.8	0.9	36.6	-1.0	0.55
3_1md86	90.8	91.9	1.1	38.2	1.6	0.77
3_1md87	91.9	92.7	0.8	36.6	-1.7	1.04
3_1md88	92.7	92.9	0.2	37.6	1.1	0
3_1md89	92.9	99.6	6.7	35.2	-2.5	1.03
3_1md90	99.6	99.8	0.2	39.1	4.0	0
3_1md91	99.8	101	1.2	36.1	-3.1	0.65
3_1md92	101	101.2	0.2	37.2	1.1	0
3_1md93	101.2	105.8	4.6	35.0	-2.2	1.23
3_1md94	105.8	106.8	1	37.3	2.3	0.99
3_1md95	106.8	107	0.2	36.7	-0.6	0
3_1md96	107	107.2	0.2	37.7	1.1	0
3_1md97	107.2	112.4	5.2	34.6	-3.1	0.95
3_1md98	112.4	112.8	0.4	37.6	3.0	0.45
3_1md99	112.8	113.4	0.6	36.5	-1.2	0.58
3_1md100	113.4	113.6	0.2	38.6	2.2	0
3_1md101	113.6	114.9	1.3	35.8	-2.9	1.28
3_1md102	114.9	115.1	0.2	38.1	2.3	0
3_1md103	115.1	115.6	0.5	36.9	-1.2	0.84
3_1md104	115.6	116	0.4	37.5	0.6	0.56
3_1md105	116	141	25	34.4	-3.1	0.94
3_1md106	141	141.6	0.6	37.9	3.4	0.91
3_1md107	141.6	142	0.4	35.2	-2.7	0.32
3_1md108	142	143.8	1.8	37.7	2.5	1.04
3_1md109	143.8	144.3	0.5	36.6	-1.1	0.26
3_1md110	144.3	145	0.7	40.1	3.5	2.04
3_1md111	145	151.5	6.5	35.0	-5.1	1.11

3_1md112	151.5	152.5	1	37.8	2.8	0.75
3_1md113	152.5	152.7	0.2	36.1	-1.7	0
3_1md114	152.7	152.9	0.2	38.0	1.9	0
3_1md115	152.9	153.2	0.3	36.2	-1.7	0.18
3_1md116	153.2	153.8	0.6	38.1	1.8	1.11
3_1md117	153.8	154.3	0.5	36.8	-1.2	0.56
3_1md118	154.3	154.6	0.3	38.6	1.8	0.13
3_1md119	154.6	162.2	7.6	35.0	-3.6	0.95
3_1md120	162.2	162.5	0.3	38.0	2.9	0.77
3_1md121	162.5	163.1	0.6	36.3	-1.7	0.48
3_1md122	163.1	163.6	0.5	38.6	2.3	1.23
3_1md123	163.6	165.9	2.3	35.7	-2.9	0.84
3_1md124	165.9	166.6	0.7	37.6	1.9	0.61
3_1md125	166.6	166.9	0.3	35.0	-2.6	1.01
3_1md126	166.9	167.1	0.2	38.0	2.9	0
3_1md127	167.1	170.7	3.6	35.6	-2.4	1.05
3_1md128	170.7	171.9	1.2	37.8	2.2	1.3
3_1md129	171.9	175.5	3.6	35.9	-2.0	0.75
3_1md130	175.5	175.8	0.3	37.4	1.5	0.25
3_1md131	175.8	177.5	1.7	35.7	-1.7	1.11
3_1md132	177.5	178	0.5	38.0	2.4	0.54
3_1md133	178	178.4	0.4	35.5	-2.5	1.4
3_1md134	178.4	178.6	0.2	37.3	1.8	0
3_1md135	178.6	185.9	7.3	35.8	-1.6	0.8
3_1md136	185.9	186.5	0.6	37.2	1.4	0.35
3_1md137	186.5	194	7.5	35.1	-2.1	0.99
3_1md138	194	194.5	0.5	37.7	2.6	0.36
3_1md139	194.5	194.7	0.2	36.6	-1.1	0
3_1md140	194.7	195	0.3	37.5	0.9	3.8
3_1md141	195	196	1	36.0	-1.4	0.96
3_1md142	196	196.3	0.3	37.5	1.5	0.42
3_1md143	196.3	200.4	4.1	36.1	-1.4	1.02
3_1md144	200.4	200.8	0.4	37.3	1.2	0.87
3_1md145	200.8	203.9	3.1	34.8	-2.5	0.88
3_1md146	203.9	204.1	0.2	40.2	5.4	0
3_1md147	204.1	204.8	0.7	36.7	-3.5	0.48
3_1md148	204.8	205.2	0.4	37.4	0.7	0.51
3_1md149	205.2	205.7	0.5	36.6	-0.8	0.4
3_1md150	205.7	206.3	0.6	36.7	0.0	1.13
3_1md151	206.3	206.5	0.2	37.7	1.0	0
3_1md152	206.5	211.9	5.4	35.3	-2.4	1.01
3_1md153	211.9	212.5	0.6	37.7	2.4	0.42
3_1md154	212.5	225.2	12.7	35.6	-2.1	0.95
3_1md155	225.2	225.4	0.2	38.5	3.0	0
3_1md156	225.4	225.7	0.3	35.7	-2.8	0.63
3_1md157	225.7	226.1	0.4	37.9	2.2	0.46
3_1md158	226.1	226.5	0.4	34.5	-3.4	0.92
3_1md159	226.5	227.6	1.1	37.6	3.2	0.69
3_1md160	227.6	231.1	3.5	35.0	-2.6	0.82
3_1md161	231.1	232.4	1.3	38.3	3.2	1.18
3_1md162	232.4	233.8	1.4	36.7	-1.5	0.57
3_1md163	233.8	234	0.2	37.6	0.9	0
3_1md164	234	234.2	0.2	36.4	-1.3	0
3_1md165	234.2	234.5	0.3	37.6	1.2	0.54
3_1md166	234.5	235.6	1.1	36.0	-1.6	0.65
3_1md167	235.6	236.3	0.7	38.0	2.0	0.61

3_1md168	236.3	236.6	0.3	35.9	-2.1	0.95
3_1md169	236.6	237	0.4	38.7	2.8	1.14
3_1md170	237	237.2	0.2	35.6	-3.1	0
3_1md171	237.2	238.3	1.1	38.0	2.4	1.02
3_1md172	238.3	239.4	1.1	35.6	-2.5	1.21
3_1md173	239.4	240.1	0.7	38.1	2.5	0.59
3_1md174	240.1	240.3	0.2	36.4	-1.7	0
3_1md175	240.3	240.5	0.2	38.0	1.6	0
3_1md176	240.5	241.3	0.8	35.7	-2.3	0.79
3_1md177	241.3	243.6	2.3	37.4	1.7	0.75
3_1md178	243.6	244	0.4	36.7	-0.7	0.32
3_1md179	244	244.6	0.6	37.8	1.1	0.83
3_1md180	244.6	244.8	0.2	36.5	-1.2	0
3_1md181	244.8	247.5	2.7	38.1	1.5	1.31
3_1md182	247.5	247.9	0.4	35.6	-2.4	0.67
3_1md183	247.9	249.4	1.5	37.7	2.0	0.78
3_1md184	249.4	250	0.6	34.6	-3.0	1.03
3_1md185	250	250.4	0.4	38.1	3.5	0.16
3_1md186	250.4	251.9	1.5	35.5	-2.6	1.26
3_1md187	251.9	252.4	0.5	37.7	2.2	0.67
3_1md188	252.4	256.9	4.5	35.3	-2.4	1.07
3_1md189	256.9	257.5	0.6	37.7	2.4	0.39
3_1md190	257.5	257.9	0.4	36.0	-1.7	0.81
3_1md191	257.9	258.6	0.7	37.5	1.5	0.74
3_1md192	258.6	259.2	0.6	36.7	-0.8	0.83
3_1md193	259.2	259.8	0.6	37.6	0.9	0.28
3_1md194	259.8	260.9	1.1	36.5	-1.1	0.82
3_1md195	260.9	261.8	0.9	39.3	2.8	1.23
3_1md196	261.8	262	0.2	35.4	-3.9	0
3_1md197	262	263.3	1.3	38.3	2.9	0.72
3_1md198	263.3	263.6	0.3	36.1	-2.2	0.98
3_1md199	263.6	265.2	1.6	37.2	1.1	1.16
3_1md200	265.2	265.4	0.2	36.1	-1.1	0
3_1md201	265.4	265.6	0.2	37.6	1.5	0
3_2md1	0	2.6	2.6	35.3		0.87
3_2md2	2.6	3.8	1.2	38.1	2.8	1.24
3_2md3	3.8	6.3	2.5	35.8	-2.3	0.81
3_2md4	6.3	6.8	0.5	38.1	2.3	0.65
3_2md5	6.8	7.6	0.8	36.5	-1.6	0.91
3_2md6	7.6	8	0.4	37.9	1.4	0.4
3_2md7	8	8.2	0.2	35.7	-2.2	0
3_2md8	8.2	8.7	0.5	37.4	1.7	0.29
3_2md9	8.7	10.4	1.7	35.9	-1.5	1.16
3_2md10	10.4	10.6	0.2	37.3	1.3	0
3_2md11	10.6	11.6	1	36.5	-0.8	0.97
3_2md12	11.6	12.4	0.8	37.7	1.2	0.49
3_2md13	12.4	14.3	1.9	35.6	-2.2	0.9
3_2md14	14.3	14.9	0.6	37.7	2.1	0.67
3_2md15	14.9	15.8	0.9	36.0	-1.7	1.24
3_2md16	15.8	16	0.2	38.3	2.3	0
3_2md17	16	36.6	20.6	34.8	-3.5	1.02
3_2md18	36.6	37.1	0.5	37.8	3.0	0.52
3_2md19	37.1	37.7	0.6	33.4	-4.5	1.62
3_2md20	37.7	37.9	0.2	39.0	5.6	0
3_2md21	37.9	45	7.1	35.5	-3.5	0.99

3_2md22	45	45.4	0.4	37.9	2.5	0.52
3_2md23	45.4	45.8	0.4	36.4	-1.5	1.45
3_2md24	45.8	46.2	0.4	37.2	0.8	0.31
3_2md25	46.2	46.7	0.5	36.4	-0.9	0.5
3_2md26	46.7	47.3	0.6	38.4	2.0	0.43
3_2md27	47.3	47.7	0.4	35.5	-2.9	0.78
3_2md28	47.7	48.2	0.5	37.8	2.3	0.5
3_2md29	48.2	48.4	0.2	37.0	-0.8	0
3_2md30	48.4	48.9	0.5	37.8	0.8	0.8
3_2md31	48.9	52.3	3.4	35.6	-2.3	0.73
3_2md32	52.3	52.7	0.4	38.0	2.4	0.46
3_2md33	52.7	53.9	1.2	35.7	-2.3	1.16
3_2md34	53.9	54.1	0.2	37.2	1.5	0
3_2md35	54.1	55.7	1.6	36.4	-0.8	0.67
3_2md36	55.7	56.5	0.8	37.5	1.0	0.83
3_2md37	56.5	57.4	0.9	36.2	-1.3	0.89
3_2md38	57.4	57.8	0.4	37.6	1.4	0.46
3_2md39	57.8	58	0.2	36.7	-0.9	0
3_2md40	58	59	1	37.7	1.0	0.82
3_2md41	59	59.2	0.2	36.5	-1.2	0
3_2md42	59.2	62.7	3.5	38.3	1.7	1.26
3_2md43	62.7	64.5	1.8	36.2	-2.1	0.78
3_2md44	64.5	64.7	0.2	37.4	1.2	0
3_2md45	64.7	65	0.3	36.6	-0.8	0.26
3_2md46	65	65.5	0.5	38.2	1.6	0.83
3_2md47	65.5	65.9	0.4	36.1	-2.1	0.48
3_2md48	65.9	66.8	0.9	37.8	1.7	0.7
3_2md49	66.8	71.1	4.3	35.6	-2.2	0.92
3_2md50	71.1	71.5	0.4	37.5	1.9	0.98
3_2md51	71.5	71.7	0.2	36.2	-1.3	0
3_2md52	71.7	73.8	2.1	38.3	2.1	1.24
3_2md53	73.8	74.7	0.9	36.7	-1.5	0.52
3_2md54	74.7	74.9	0.2	37.9	1.1	0
3_2md55	74.9	75.7	0.8	36.5	-1.3	1.21
3_2md56	75.7	76.3	0.6	37.1	0.6	0.98
3_2md57	76.3	76.5	0.2	35.3	-1.8	0
3_2md58	76.5	78.3	1.8	38.5	3.2	0.92
3_2md59	78.3	79	0.7	35.5	-3.0	1.15
3_2md60	79	79.2	0.2	37.2	1.7	0
3_2md61	79.2	79.4	0.2	36.6	-0.6	0
3_2md62	79.4	79.9	0.5	38.9	2.2	1.25
3_2md63	79.9	81.4	1.5	35.9	-2.9	1.05
3_2md64	81.4	81.7	0.3	37.3	1.4	0.05
3_2md65	81.7	91.6	9.9	35.5	-1.7	0.98
3_2md66	91.6	92.2	0.6	37.9	2.3	0.7
3_2md67	92.2	92.9	0.7	36.1	-1.8	0.86
3_2md68	92.9	93.5	0.6	38.3	2.3	0.77
3_2md69	93.5	93.9	0.4	36.7	-1.7	0.3
3_2md70	93.9	94.1	0.2	37.1	0.5	0
3_2md71	94.1	94.3	0.2	36.6	-0.5	0
3_2md72	94.3	95.2	0.9	37.6	1.0	0.9
3_2md73	95.2	95.8	0.6	36.3	-1.3	0.57
3_2md74	95.8	97.6	1.8	38.2	1.9	0.86
3_2md75	97.6	98.1	0.5	35.2	-3.1	0.58
3_2md76	98.1	98.3	0.2	38.6	3.5	0
3_2md77	98.3	99.3	1	34.7	-3.9	1.03

3_2md78	99.3	99.5	0.2	39.0	4.3	0
3_2md79	99.5	99.7	0.2	36.1	-2.9	0
3_2md80	99.7	102.6	2.9	38.1	2.0	0.88
3_2md81	102.6	102.9	0.3	35.1	-3.0	1.46
3_2md82	102.9	104.1	1.2	38.2	3.0	1.37
3_2md83	104.1	104.4	0.3	36.5	-1.7	0.85
3_2md84	104.4	106.1	1.7	35.3	-1.1	1.74
3_2md85	106.1	106.3	0.2	37.4	2.1	0
3_2md86	106.3	112.3	6	35.4	-2.0	0.83
3_2md87	112.3	112.5	0.2	37.4	2.0	0
3_2md88	112.5	123.1	10.6	34.8	-2.6	1.1
3_2md89	123.1	123.9	0.8	37.5	2.7	1.74
3_2md90	123.9	124.1	0.2	36.8	-0.7	0
3_2md91	124.1	124.3	0.2	37.6	0.8	0
3_2md92	124.3	124.6	0.3	36.5	-1.1	0.16
3_2md93	124.6	125.5	0.9	37.8	1.3	0.66
3_2md94	125.5	127.3	1.8	36.6	-1.3	0.98
3_2md95	127.3	129.2	1.9	37.7	1.1	1.12
3_2md96	129.2	129.8	0.6	35.8	-1.9	0.42
3_2md97	129.8	130	0.2	37.9	2.1	0
3_2md98	130	131	1	36.4	-1.5	0.7
3_2md99	131	131.5	0.5	38.8	2.4	1.21
3_2md100	131.5	131.7	0.2	43.1	4.4	0
3_2md101	131.7	135.7	4	38.3	-4.8	1.44
3_2md102	135.7	136.5	0.8	36.3	-2.0	0.83
3_2md103	136.5	137.2	0.7	37.7	1.3	0.95
3_2md104	137.2	137.7	0.5	36.1	-1.6	0.6
3_2md105	137.7	139.3	1.6	38.5	2.4	0.87
3_2md106	139.3	141	1.7	35.9	-2.6	0.72
3_2md107	141	141.7	0.7	37.5	1.6	1.68
3_2md108	141.7	142	0.3	35.8	-1.6	0.31
3_2md109	142	142.7	0.7	38.2	2.4	0.55
3_2md110	142.7	143.9	1.2	36.0	-2.1	0.44
3_2md111	143.9	144.1	0.2	37.5	1.5	0
3_2md112	144.1	144.8	0.7	36.3	-1.2	0.8
3_2md113	144.8	145	0.2	37.3	1.0	0
3_2md114	145	145.3	0.3	36.9	-0.4	0.1
3_2md115	145.3	145.5	0.2	37.2	0.3	0
3_2md116	145.5	146.1	0.6	36.0	-1.2	1.4
3_2md117	146.1	147.5	1.4	38.7	2.8	1.08
3_2md118	147.5	148.4	0.9	36.4	-2.3	0.55
3_2md119	148.4	148.6	0.2	37.2	0.8	0
3_2md120	148.6	149.2	0.6	36.4	-0.8	0.89
3_2md121	149.2	149.5	0.3	37.4	1.0	0.32
3_2md122	149.5	154.5	5	35.4	-2.0	0.87
3_2md123	154.5	154.8	0.3	37.4	2.0	0.27
3_2md124	154.8	155.9	1.1	36.2	-1.1	0.39
3_2md125	155.9	156.8	0.9	38.3	2.1	0.81
3_2md126	156.8	158.4	1.6	36.3	-2.0	1
3_2md127	158.4	159.3	0.9	39.2	2.9	1.42
3_2md128	159.3	159.5	0.2	42.0	2.8	0
3_2md129	159.5	160.9	1.4	37.9	-4.0	1.22
3_2md130	160.9	161.7	0.8	36.5	-1.4	0.4
3_2md131	161.7	162.4	0.7	39.5	3.0	1.03
3_2md132	162.4	162.7	0.3	42.3	2.8	0.24
3_2md133	162.7	163.5	0.8	40.0	-2.2	1.01

3_2md134	163.5	164.4	0.9	44.5	4.4	2.59
3_2md135	164.4	165.1	0.7	39.9	-4.6	1.29
3_2md136	165.1	165.6	0.5	44.3	4.3	2.25
3_2md137	165.6	165.8	0.2	39.7	-4.6	0
3_2md138	165.8	166.3	0.5	43.2	3.6	2.96
3_2md139	166.3	168.8	2.5	38.7	-4.5	0.88
3_2md140	168.8	169.4	0.6	43.7	5.0	2.75
3_2md141	169.4	169.6	0.2	38.9	-4.8	0
3_2md142	169.6	169.8	0.2	43.4	4.5	0
3_2md143	169.8	170	0.2	39.2	-4.1	0
3_2md144	170	170.3	0.3	42.6	3.3	1.08
3_2md145	170.3	171.4	1.1	40.5	-2.0	2
3_2md146	171.4	171.6	0.2	36.3	-4.2	0
3_2md147	171.6	172.1	0.5	38.4	2.1	1.12
3_2md148	172.1	172.3	0.2	42.5	4.1	0
3_2md149	172.3	172.9	0.6	39.1	-3.4	0.98
3_2md150	172.9	173.1	0.2	43.6	4.5	0
3_2md151	173.1	174.9	1.8	38.8	-4.8	1.59
3_2md152	174.9	175.3	0.4	43.8	5.0	2.65
3_2md153	175.3	175.5	0.2	38.8	-5.0	0
3_2md154	175.5	176.2	0.7	43.6	4.8	2.25
3_2md155	176.2	176.6	0.4	37.9	-5.7	1.25
3_2md156	176.6	177.6	1	42.6	4.8	2.86
3_2md157	177.6	177.8	0.2	39.0	-3.6	0
3_2md158	177.8	178	0.2	44.6	5.5	0
3_2md159	178	178.3	0.3	37.2	-7.4	0.83
3_2md160	178.3	179.2	0.9	39.8	2.6	1.71
3_2md161	179.2	179.5	0.3	43.5	3.7	1.18
3_2md162	179.5	180.2	0.7	38.5	-5.0	0.61
3_2md163	180.2	181.1	0.9	45.1	6.6	2.3
3_2md164	181.1	181.4	0.3	39.7	-5.4	0.56
3_2md165	181.4	181.6	0.2	42.9	3.3	0
3_2md166	181.6	182	0.4	45.5	2.6	2.16
3_2md167	182	183.1	1.1	38.6	-6.9	0.71
3_2md168	183.1	183.4	0.3	42.4	3.8	2.23
3_2md169	183.4	183.6	0.2	46.5	4.0	0
3_2md170	183.6	184	0.4	42.8	-3.6	0.87
3_2md171	184	184.4	0.4	37.4	-5.4	1.21
3_2md172	184.4	184.6	0.2	43.5	6.0	0
3_2md173	184.6	185.1	0.5	37.1	-6.3	1.1
3_2md174	185.1	185.5	0.4	46.8	9.7	3.43
3_2md175	185.5	185.9	0.4	43.5	-3.3	1.76
3_2md176	185.9	186.1	0.2	39.0	-4.6	0
3_2md177	186.1	186.8	0.7	44.2	5.3	2.82
3_2md178	186.8	187	0.2	38.3	-5.9	0
3_2md179	187	188.8	1.8	43.1	4.8	2.57
3_2md180	188.8	189.3	0.5	37.9	-5.2	1.27
3_2md181	189.3	190	0.7	43.2	5.2	1.74
3_2md182	190	190.6	0.6	39.4	-3.8	0.96
3_2md183	190.6	191.2	0.6	43.6	4.2	2.34
3_2md184	191.2	191.6	0.4	48.8	5.2	3.97
3_2md185	191.6	192	0.4	39.6	-9.2	0.66
3_2md186	192	192.7	0.7	45.9	6.3	1.9
3_2md187	192.7	193.5	0.8	40.3	-5.6	2.54
3_2md188	193.5	195.1	1.6	43.0	2.7	2.63
3_2md189	195.1	195.9	0.8	38.5	-4.5	0.84

3_2md190	195.9	196.1	0.2	42.5	4.0	0
3_2md191	196.1	197.1	1	39.4	-3.1	1.21
3_2md192	197.1	197.3	0.2	43.2	3.8	0
3_2md193	197.3	197.5	0.2	39.8	-3.4	0
3_2md194	197.5	198.3	0.8	43.2	3.4	2.86
3_2md195	198.3	198.6	0.3	40.1	-3.1	0.83
3_2md196	198.6	198.9	0.3	41.8	1.7	0.33
3_2md197	198.9	199.2	0.3	40.3	-1.5	0.25
3_2md198	199.2	199.5	0.3	50.0	9.7	2.78
3_2md199	199.5	200.1	0.6	42.9	-7.1	0.78
3_2md200	200.1	201.2	1.1	40.0	-2.9	1.4
3_2md201	201.2	201.4	0.2	45.3	5.3	0
3_2md202	201.4	202.5	1.1	38.6	-6.7	1.12
3_2md203	202.5	202.7	0.2	36.4	-2.1	0
3_2md204	202.7	207.8	5.1	38.8	2.3	1.09
3_2md205	207.8	208.5	0.7	36.6	-2.2	0.45
3_2md206	208.5	209.1	0.6	39.1	2.4	1.19
3_2md207	209.1	209.5	0.4	41.7	2.6	0.39
3_2md208	209.5	209.7	0.2	39.8	-1.9	0
3_2md209	209.7	211.2	1.5	43.9	4.1	1.9
3_2md210	211.2	211.8	0.6	38.4	-5.5	1
3_2md211	211.8	212.1	0.3	42.8	4.5	2.05
3_2md212	212.1	213	0.9	38.9	-3.9	2.2
3_2md213	213	213.4	0.4	35.8	-3.1	0.29
3_2md214	213.4	213.9	0.5	38.8	3.0	1.29
3_2md215	213.9	214.1	0.2	42.2	3.4	0
3_2md216	214.1	214.8	0.7	38.4	-3.8	1.8
3_2md217	214.8	215	0.2	42.8	4.4	0
3_2md218	215	215.4	0.4	39.0	-3.8	1.46
3_2md219	215.4	215.7	0.3	45.8	6.8	2.44
3_2md220	215.7	217.3	1.6	39.2	-6.6	1.25
3_2md221	217.3	217.9	0.6	44.2	5.0	2.11
3_2md222	217.9	218.6	0.7	40.6	-3.6	0.44
3_2md223	218.6	220.2	1.6	43.8	3.3	2.88
3_2md224	220.2	220.6	0.4	37.9	-6.0	1.02
3_2md225	220.6	220.8	0.2	41.1	3.2	0
3_2md226	220.8	221.3	0.5	47.2	6.1	2.89
3_2md227	221.3	222.1	0.8	41.2	-6.0	1.65
3_2md228	222.1	222.5	0.4	43.2	2.0	1.69
3_2md229	222.5	222.7	0.2	57.1	14.0	0
3_2md230	222.7	223.8	1.1	44.1	-13.0	2.01
3_2md231	223.8	224.3	0.5	40.8	-3.3	1.24
3_2md232	224.3	224.9	0.6	44.4	3.6	1.8
3_2md233	224.9	225.4	0.5	37.9	-6.5	2.26
3_2md234	225.4	225.9	0.5	41.2	3.4	1.29
3_2md235	225.9	226.1	0.2	39.7	-1.6	0
3_2md236	226.1	227.5	1.4	41.9	2.2	1.48
3_2md237	227.5	229.5	2	39.1	-2.8	0.88
3_2md238	229.5	230.3	0.8	42.5	3.4	1.67
3_2md239	230.3	230.6	0.3	48.5	6.0	2.73
3_2md240	230.6	231.6	1	39.7	-8.8	1.36
3_2md241	231.6	232.9	1.3	43.5	3.7	1.83
3_2md242	232.9	233.2	0.3	40.2	-3.2	0.53
3_2md243	233.2	233.8	0.6	41.9	1.6	0.68
3_2md244	233.8	234.1	0.3	48.7	6.8	2.69
3_2md245	234.1	236.7	2.6	43.2	-5.5	1.35

3_2md246	236.7	236.9	0.2	40.8	-2.4	0
3_2md247	236.9	237.5	0.6	42.3	1.5	1.46
3_2md248	237.5	237.7	0.2	40.3	-2.0	0
3_2md249	237.7	240.2	2.5	42.9	2.6	1.65
3_2md250	240.2	240.8	0.6	39.7	-3.2	0.44
3_2md251	240.8	242.6	1.8	40.7	1.0	1.38
3_2md252	242.6	242.9	0.3	42.1	1.5	0.89
3_2md253	242.9	243.2	0.3	39.2	-3.0	1.17
3_2md254	243.2	243.4	0.2	44.4	5.2	0
3_2md255	243.4	243.9	0.5	48.1	3.8	1.58
3_2md256	243.9	244.5	0.6	44.7	-3.5	3.58
3_2md257	244.5	245.8	1.3	49.5	4.8	3.22
3_2md258	245.8	246.2	0.4	44.2	-5.3	1.11
3_2md259	246.2	246.7	0.5	47.5	3.3	2.81
3_2md260	246.7	246.9	0.2	44.3	-3.2	0
3_2md261	246.9	247.3	0.4	48.7	4.4	2.04
3_2md262	247.3	247.5	0.2	43.5	-5.2	0
3_2md263	247.5	247.7	0.2	49.0	5.5	0
3_2md264	247.7	248.1	0.4	41.0	-8.0	0.71
3_2md265	248.1	248.3	0.2	42.7	1.7	0
3_2md266	248.3	249.3	1	50.2	7.5	3.57
3_2md267	249.3	250.2	0.9	40.4	-9.8	0.83
3_2md268	250.2	251	0.8	43.9	3.5	3.19
3_2md269	251	251.5	0.5	47.7	3.8	3.37
3_2md270	251.5	252.1	0.6	44.0	-3.7	1.28
3_2md271	252.1	252.5	0.4	49.3	5.2	1.81
3_2md272	252.5	252.7	0.2	42.8	-6.5	0
3_2md273	252.7	252.9	0.2	51.7	8.9	0
3_2md274	252.9	253.5	0.6	41.3	-10.4	1.73
3_2md275	253.5	254	0.5	48.5	7.1	3.02
3_2md276	254	254.6	0.6	40.8	-7.7	3.56
3_2md277	254.6	256.3	1.7	43.0	2.2	2.49
3_2md278	256.3	256.5	0.2	40.2	-2.8	0
3_2md279	256.5	256.9	0.4	42.2	1.9	0.19
3_2md280	256.9	257.1	0.2	37.6	-4.5	0
3_2md281	257.1	257.3	0.2	42.2	4.6	0
3_2md282	257.3	257.5	0.2	40.5	-1.7	0
3_2md283	257.5	257.8	0.3	42.2	1.6	0.52
3_2md284	257.8	258.1	0.3	38.5	-3.7	1.27
3_2md285	258.1	258.7	0.6	43.5	5.0	1.59
3_2md286	258.7	258.9	0.2	46.5	3.0	0
3_2md287	258.9	259.1	0.2	45.3	-1.2	0
3_2md288	259.1	259.3	0.2	46.3	1.0	0
3_2md289	259.3	259.6	0.3	38.4	-7.9	0.94
3_2md290	259.6	259.8	0.2	42.0	3.6	0
3_2md291	259.8	260.4	0.6	39.4	-2.6	1.77
3_2md292	260.4	260.6	0.2	42.0	2.6	0
3_2md293	260.6	261.5	0.9	40.2	-1.8	0.96
3_2md294	261.5	261.7	0.2	36.7	-3.5	0
3_2md295	261.7	261.9	0.2	37.5	0.8	0
3_2md296	261.9	262.2	0.3	47.4	9.9	3.42
3_2md297	262.2	262.4	0.2	55.3	7.9	0
4_1md1	0	0.3	0.3	39.3		1.64
4_1md2	0.3	0.5	0.2	43.5	4.2	0
4_1md3	0.5	0.7	0.2	39.5	-4.0	0

4_1md4	0.7	1.7	1	43.2	3.7	2.24
4_1md5	1.7	1.9	0.2	38.2	-5.0	0
4_1md6	1.9	3	1.1	35.3	-2.9	0.91
4_1md7	3	3.4	0.4	38.7	3.4	0.87
4_1md8	3.4	3.8	0.4	40.8	2.1	1.68
4_1md9	3.8	4.2	0.4	38.2	-2.6	1.31
4_1md10	4.2	4.4	0.2	36.7	-1.5	0
4_1md11	4.4	6.4	2	38.2	1.5	1.55
4_1md12	6.4	7	0.6	40.8	2.7	2.43
4_1md13	7	8.3	1.3	38.6	-2.2	0.77
4_1md14	8.3	8.6	0.3	36.2	-2.4	0.46
4_1md15	8.6	10.4	1.8	39.0	2.8	1.67
4_1md16	10.4	10.7	0.3	36.4	-2.6	0.14
4_1md17	10.7	11.4	0.7	38.0	1.6	1.01
4_1md18	11.4	12.5	1.1	35.9	-2.1	0.83
4_1md19	12.5	13.9	1.4	38.0	2.2	1.45
4_1md20	13.9	14.1	0.2	36.4	-1.6	0
4_1md21	14.1	16.9	2.8	38.1	1.7	0.95
4_1md22	16.9	18.3	1.4	36.4	-1.7	1.35
4_1md23	18.3	19.3	1	37.0	0.6	0.59
4_1md24	19.3	21.2	1.9	36.2	-0.8	0.71
4_1md25	21.2	21.5	0.3	37.7	1.5	0.48
4_1md26	21.5	22.1	0.6	36.3	-1.5	0.64
4_1md27	22.1	22.5	0.4	38.1	1.8	0.94
4_1md28	22.5	22.9	0.4	36.2	-1.8	1.63
4_1md29	22.9	23.9	1	38.6	2.4	1.6
4_1md30	23.9	24.1	0.2	43.3	4.7	0
4_1md31	24.1	26.1	2	39.4	-3.9	1.15
4_1md32	26.1	26.3	0.2	36.4	-2.9	0
4_1md33	26.3	26.9	0.6	37.1	0.6	0.97
4_1md34	26.9	33.9	7	34.8	-2.3	1.21
4_1md35	33.9	34.4	0.5	36.6	1.8	1.24
4_1md36	34.4	41.8	7.4	34.9	-1.7	1.25
4_1md37	41.8	42	0.2	38.5	3.6	0
4_1md38	42	42.2	0.2	36.5	-2.0	0
4_1md39	42.2	42.4	0.2	37.6	1.1	0
4_1md40	42.4	43	0.6	36.0	-1.7	0.88
4_1md41	43	43.4	0.4	38.1	2.2	0.92
4_1md42	43.4	45.6	2.2	35.6	-2.5	0.67
4_1md43	45.6	45.9	0.3	37.2	1.6	0.08
4_1md44	45.9	47.5	1.6	35.8	-1.4	1.21
4_1md45	47.5	48.1	0.6	37.1	1.4	0.39
4_1md46	48.1	48.3	0.2	35.6	-1.6	0
4_1md47	48.3	48.6	0.3	37.6	2.0	0.18
4_1md48	48.6	49	0.4	36.7	-0.9	0.33
4_1md49	49	49.4	0.4	37.9	1.3	1.79
4_1md50	49.4	50.7	1.3	35.5	-2.4	1.3
4_1md51	50.7	53.6	2.9	0.0	-35.5	0
4_1md52	53.6	61.6	8	35.2	35.2	1.16
4_1md53	61.6	62.4	0.8	37.7	2.5	0.18
4_1md54	62.4	62.7	0.3	35.6	-2.2	0.77
4_1md55	62.7	62.9	0.2	37.9	2.3	0
4_1md56	62.9	63.5	0.6	36.5	-1.4	0.72
4_1md57	63.5	64.4	0.9	38.1	1.7	0.99
4_1md58	64.4	64.6	0.2	36.3	-1.8	0
4_1md59	64.6	65.1	0.5	37.7	1.4	0.47

4_1md60	65.1	67	1.9	36.4	-1.4	0.73
4_1md61	67	67.8	0.8	37.9	1.5	1.11
4_1md62	67.8	68	0.2	36.5	-1.4	0
4_1md63	68	68.8	0.8	37.7	1.2	0.75
4_1md64	68.8	69	0.2	36.3	-1.4	0
4_1md65	69	69.6	0.6	37.9	1.6	0.56
4_1md66	69.6	72.5	2.9	36.0	-2.0	0.91
4_1md67	72.5	76.6	4.1	38.3	2.3	1.42
4_1md68	76.6	81.8	5.2	35.9	-2.4	0.82
4_1md69	81.8	83.6	1.8	38.5	2.5	1.19
4_1md70	83.6	83.9	0.3	35.8	-2.6	0.85
4_1md71	83.9	85	1.1	38.9	3.1	0.85
4_1md72	85	85.4	0.4	35.6	-3.3	0.5
4_1md73	85.4	86.9	1.5	38.4	2.8	1.05
4_1md74	86.9	87.2	0.3	36.5	-1.8	0.45
4_1md75	87.2	87.6	0.4	37.4	0.9	0.66
4_1md76	87.6	87.9	0.3	42.3	4.9	1.13
4_1md77	87.9	88.3	0.4	38.8	-3.6	1.08
4_1md78	88.3	88.7	0.4	41.9	3.2	0.45
4_1md79	88.7	91	2.3	39.9	-2.0	1.28
4_1md80	91	91.3	0.3	42.5	2.6	1.17
4_1md81	91.3	91.6	0.3	37.6	-4.9	2.83
4_1md82	91.6	91.8	0.2	36.5	-1.1	0
4_1md83	91.8	92.1	0.3	38.2	1.7	0.63
4_1md84	92.1	92.3	0.2	36.0	-2.1	0
4_1md85	92.3	96.7	4.4	38.8	2.8	1.45
4_1md86	96.7	97.9	1.2	36.4	-2.4	0.52
4_1md87	97.9	98.2	0.3	37.7	1.2	0.55
4_1md88	98.2	98.8	0.6	34.9	-2.7	1.12
4_1md89	98.8	99	0.2	37.8	2.9	0
4_1md90	99	100.5	1.5	36.1	-1.7	0.88
4_1md91	100.5	101	0.5	38.2	2.1	1.08
4_1md92	101	101.2	0.2	35.9	-2.4	0
4_1md93	101.2	102.5	1.3	37.9	2.0	0.93
4_1md94	102.5	103.7	1.2	36.5	-1.4	0.51
4_1md95	103.7	106.5	2.8	38.5	2.0	1.35
4_1md96	106.5	108.6	2.1	35.7	-2.8	0.85
4_1md97	108.6	110.3	1.7	38.1	2.4	1.67
4_1md98	110.3	110.5	0.2	43.3	5.2	0
4_1md99	110.5	112.1	1.6	38.6	-4.7	1.66
4_1md100	112.1	118.6	6.5	35.4	-3.2	1.26
4_1md101	118.6	120.7	2.1	39.4	4.0	1.41
4_1md102	120.7	121.1	0.4	35.7	-3.7	1.09
4_1md103	121.1	124.1	3	38.1	2.4	1.36
4_1md104	124.1	129	4.9	35.1	-3.0	1.15
4_1md105	129	129.4	0.4	37.5	2.4	0.22
4_1md106	129.4	130.4	1	35.3	-2.2	0.76
4_1md107	130.4	131	0.6	37.8	2.6	0.57
4_1md108	131	131.7	0.7	36.7	-1.2	0.96
4_1md109	131.7	132.4	0.7	37.2	0.6	0.7
4_1md110	132.4	132.7	0.3	35.4	-1.8	0.85
4_1md111	132.7	134	1.3	38.3	2.9	1.38
4_1md112	134	148.9	14.9	35.0	-3.3	1
4_1md113	148.9	149.1	0.2	37.5	2.5	0
4_1md114	149.1	150	0.9	35.3	-2.3	1.18
4_1md115	150	150.2	0.2	39.3	4.0	0

4_1md116	150.2	150.4	0.2	35.1	-4.2	0
4_1md117	150.4	151.1	0.7	37.2	2.1	0.46
4_1md118	151.1	154.7	3.6	36.3	-0.9	0.72
4_1md119	154.7	154.9	0.2	37.7	1.4	0
4_1md120	154.9	155.5	0.6	36.5	-1.2	0.52
4_1md121	155.5	155.8	0.3	37.5	1.0	0.67
4_1md122	155.8	162.8	7	35.2	-2.3	1.06
4_1md123	162.8	163.3	0.5	37.4	2.2	0.6
4_1md124	163.3	163.8	0.5	35.2	-2.2	1.41
4_1md125	163.8	164.4	0.6	38.6	3.4	0.75
4_1md126	164.4	172.7	8.3	35.5	-3.1	0.95
4_1md127	172.7	173.1	0.4	37.4	1.9	0.53
4_1md128	173.1	177	3.9	35.2	-2.1	0.74
4_1md129	177	177.6	0.6	38.2	3.0	1.23
4_1md130	177.6	178.2	0.6	36.2	-2.0	1.3
4_1md131	178.2	178.4	0.2	37.6	1.4	0
4_1md132	178.4	179.9	1.5	35.8	-1.8	1.07
4_1md133	179.9	181.1	1.2	37.7	1.9	0.81
4_1md134	181.1	181.6	0.5	36.1	-1.6	1.35
4_1md135	181.6	181.8	0.2	37.7	1.5	0
4_1md136	181.8	182.2	0.4	36.1	-1.6	0.21
4_1md137	182.2	182.8	0.6	38.3	2.2	0.76
4_1md138	182.8	183.4	0.6	36.4	-1.9	0.29
4_1md139	183.4	183.6	0.2	37.4	1.0	0
4_1md140	183.6	183.9	0.3	36.1	-1.3	0.7
4_1md141	183.9	184.9	1	38.0	1.9	1.16
4_1md142	184.9	185.1	0.2	34.8	-3.2	0
4_1md143	185.1	185.9	0.8	37.7	3.0	0.93
4_1md144	185.9	186.5	0.6	36.3	-1.4	0.87
4_1md145	186.5	187.2	0.7	37.3	1.0	0.41
4_1md146	187.2	187.4	0.2	35.1	-2.2	0
4_1md147	187.4	187.6	0.2	40.8	5.7	0
4_1md148	187.6	187.8	0.2	36.2	-4.6	0
4_1md149	187.8	189.3	1.5	37.8	1.6	0.68
4_1md150	189.3	189.5	0.2	35.4	-2.4	0
4_1md151	189.5	189.8	0.3	38.0	2.6	0.5
4_1md152	189.8	190.6	0.8	36.4	-1.6	0.64
4_1md153	190.6	190.8	0.2	39.1	2.7	0
4_1md154	190.8	207.3	16.5	35.2	-3.9	1.18
4_1md155	207.3	208.1	0.8	37.8	2.5	0.5
4_1md156	208.1	208.4	0.3	36.1	-1.7	0.2
4_1md157	208.4	209.2	0.8	37.8	1.7	0.36
4_1md158	209.2	218.2	9	35.1	-2.7	0.87
4_1md159	218.2	218.8	0.6	37.2	2.1	0.72
4_1md160	218.8	221.6	2.8	35.6	-1.6	0.98
4_1md161	221.6	221.8	0.2	37.8	2.2	0
4_1md162	221.8	224.1	2.3	36.5	-1.3	0.95
4_1md163	224.1	224.8	0.7	39.5	3.0	0.92
4_1md164	224.8	225.1	0.3	41.9	2.5	0.78
4_1md165	225.1	226.3	1.2	38.9	-3.0	1.89
4_2md1	0	2.3	2.3	39.0		1.27
4_2md2	2.3	2.5	0.2	35.8	-3.2	0
4_2md3	2.5	3.6	1.1	40.7	4.9	1.11
4_2md4	3.6	4	0.4	42.9	2.1	0.73
4_2md5	4	4.2	0.2	40.0	-2.9	0

4_2md6	4.2	5.2	1	42.3	2.3	3.56
4_2md7	5.2	6.4	1.2	39.3	-3.0	1.22
4_2md8	6.4	7.3	0.9	41.9	2.6	0.87
4_2md9	7.3	7.8	0.5	38.3	-3.6	2.53
4_2md10	7.8	8.2	0.4	41.6	3.2	0.63
4_2md11	8.2	8.4	0.2	39.8	-1.8	0
4_2md12	8.4	8.6	0.2	41.4	1.5	0
4_2md13	8.6	9.5	0.9	39.3	-2.1	0.99
4_2md14	9.5	9.7	0.2	41.8	2.5	0
4_2md15	9.7	10.7	1	38.3	-3.4	1.13
4_2md16	10.7	11.3	0.6	36.4	-1.9	0.4
4_2md17	11.3	11.7	0.4	38.3	1.9	0.89
4_2md18	11.7	11.9	0.2	41.6	3.3	0
4_2md19	11.9	13	1.1	39.4	-2.2	1.15
4_2md20	13	13.4	0.4	36.0	-3.4	0.84
4_2md21	13.4	17.1	3.7	38.2	2.2	1.05
4_2md22	17.1	17.6	0.5	36.2	-2.0	0.89
4_2md23	17.6	17.8	0.2	37.3	1.0	0
4_2md24	17.8	18.7	0.9	35.7	-1.6	0.6
4_2md25	18.7	19.1	0.4	37.2	1.5	0.64
4_2md26	19.1	19.5	0.4	35.5	-1.6	0.73
4_2md27	19.5	19.7	0.2	38.1	2.6	0
4_2md28	19.7	20.1	0.4	35.6	-2.6	0.88
4_2md29	20.1	20.4	0.3	37.6	2.0	0.12
4_2md30	20.4	20.8	0.4	35.9	-1.7	0.87
4_2md31	20.8	21	0.2	37.5	1.5	0
4_2md32	21	30.1	9.1	34.8	-2.6	0.93
4_2md33	30.1	30.5	0.4	38.2	3.3	0.99
4_2md34	30.5	35.8	5.3	35.8	-2.3	1.04
4_2md35	35.8	36.4	0.6	38.1	2.2	0.9
4_2md36	36.4	36.6	0.2	36.0	-2.1	0
4_2md37	36.6	39.2	2.6	37.8	1.8	0.98
4_2md38	39.2	39.5	0.3	36.2	-1.6	0.62
4_2md39	39.5	39.9	0.4	38.4	2.2	1.8
4_2md40	39.9	40.2	0.3	36.2	-2.2	0.89
4_2md41	40.2	40.8	0.6	37.8	1.6	0.68
4_2md42	40.8	41.2	0.4	36.3	-1.5	0.23
4_2md43	41.2	41.8	0.6	37.5	1.2	0.52
4_2md44	41.8	45.5	3.7	35.3	-2.2	0.81
4_2md45	45.5	46.8	1.3	39.1	3.8	1.71
4_2md46	46.8	47.4	0.6	36.3	-2.8	0.83
4_2md47	47.4	48.5	1.1	38.9	2.6	1.99
4_2md48	48.5	48.7	0.2	41.7	2.8	0
4_2md49	48.7	49.6	0.9	38.9	-2.8	1.13
4_2md50	49.6	51.4	1.8	36.2	-2.7	0.89
4_2md51	51.4	52.6	1.2	38.1	1.9	0.98
4_2md52	52.6	53	0.4	35.3	-2.7	0.49
4_2md53	53	56.6	3.6	38.1	2.7	1.1
4_2md54	56.6	56.8	0.2	35.9	-2.2	0
4_2md55	56.8	57.7	0.9	37.4	1.5	0.56
4_2md56	57.7	58.3	0.6	36.5	-0.9	0.55
4_2md57	58.3	58.5	0.2	37.5	1.0	0
4_2md58	58.5	58.7	0.2	36.5	-1.0	0
4_2md59	58.7	59.9	1.2	38.7	2.2	1.68
4_2md60	59.9	60.1	0.2	36.2	-2.6	0
4_2md61	60.1	62	1.9	39.1	3.0	1.75

4_2md62	62	62.9	0.9	35.7	-3.5	1.52
4_2md63	62.9	63.7	0.8	37.2	1.5	1.11
4_2md64	63.7	64.1	0.4	36.5	-0.6	1.47
4_2md65	64.1	64.3	0.2	37.2	0.7	0
4_2md66	64.3	68	3.7	35.4	-1.8	0.94
4_2md67	68	68.6	0.6	37.6	2.1	0.79
4_2md68	68.6	68.8	0.2	35.4	-2.1	0
4_2md69	68.8	69	0.2	38.7	3.3	0
4_2md70	69	69.6	0.6	35.9	-2.8	0.57
4_2md71	69.6	69.8	0.2	37.9	2.0	0
4_2md72	69.8	70.3	0.5	35.9	-1.9	0.78
4_2md73	70.3	71	0.7	37.9	2.0	0.72
4_2md74	71	71.3	0.3	36.6	-1.4	0.22
4_2md75	71.3	71.6	0.3	38.0	1.4	0.49
4_2md76	71.6	72	0.4	36.4	-1.6	0.78
4_2md77	72	72.5	0.5	38.4	2.0	1.64
4_2md78	72.5	72.9	0.4	36.5	-1.8	1.78
4_2md79	72.9	74.3	1.4	38.0	1.4	1.06
4_2md80	74.3	74.5	0.2	36.1	-1.9	0
4_2md81	74.5	76.7	2.2	38.2	2.2	1.09
4_2md82	76.7	78.4	1.7	36.2	-2.1	0.96
4_2md83	78.4	78.7	0.3	38.8	2.6	0.41
4_2md84	78.7	79	0.3	36.4	-2.4	0.19
4_2md85	79	79.2	0.2	37.2	0.8	0
4_2md86	79.2	83.2	4	35.7	-1.5	1.06
4_2md87	83.2	83.5	0.3	37.2	1.6	0.11
4_2md88	83.5	88	4.5	35.8	-1.4	0.92
4_2md89	88	91	3	37.7	1.9	0.98
4_2md90	91	91.3	0.3	36.5	-1.2	0.14
4_2md91	91.3	91.9	0.6	37.3	0.8	0.73
4_2md92	91.9	92.1	0.2	36.3	-1.0	0
4_2md93	92.1	92.7	0.6	37.3	1.0	1.04
4_2md94	92.7	93.5	0.8	36.2	-1.1	0.95
4_2md95	93.5	93.8	0.3	39.2	3.0	1.5
4_2md96	93.8	94	0.2	35.4	-3.8	0
4_2md97	94	94.3	0.3	37.6	2.3	0.51
4_2md98	94.3	96.3	2	36.2	-1.4	0.64
4_2md99	96.3	97.2	0.9	38.6	2.4	1.28
4_2md100	97.2	97.6	0.4	35.3	-3.4	1.32
4_2md101	97.6	98.8	1.2	38.0	2.8	1.03
4_2md102	98.8	99	0.2	34.8	-3.2	0
4_2md103	99	99.3	0.3	38.1	3.3	0.14
4_2md104	99.3	101.5	2.2	36.0	-2.1	0.64
4_2md105	101.5	103.2	1.7	38.2	2.1	0.73
4_2md106	103.2	106.3	3.1	35.1	-3.1	1.04
4_2md107	106.3	108.1	1.8	38.5	3.5	1.31
4_2md108	108.1	108.4	0.3	42.3	3.8	0.44
4_2md109	108.4	108.7	0.3	37.9	-4.4	2.6
4_2md110	108.7	109	0.3	42.1	4.1	0.47
4_2md111	109	110.2	1.2	38.6	-3.4	1.62
4_2md112	110.2	110.5	0.3	41.3	2.7	0.19
4_2md113	110.5	112	1.5	39.5	-1.8	1.64
4_2md114	112	112.3	0.3	41.9	2.5	0.54
4_2md115	112.3	114	1.7	35.7	-6.2	1.28
4_2md116	114	114.7	0.7	37.5	1.7	0.96
4_2md117	114.7	115.2	0.5	36.2	-1.2	0.67

4_2md118	115.2	115.8	0.6	38.6	2.3	1.86
4_2md119	115.8	116.1	0.3	35.6	-2.9	0.51
4_2md120	116.1	116.5	0.4	38.8	3.1	0.54
4_2md121	116.5	117.3	0.8	42.7	3.9	1.61
4_2md122	117.3	119.6	2.3	39.1	-3.6	1.53
4_2md123	119.6	120.2	0.6	43.1	4.0	0.92
4_2md124	120.2	120.6	0.4	38.0	-5.1	1.46
4_2md125	120.6	121.2	0.6	44.1	6.1	2.36
4_2md126	121.2	121.5	0.3	38.6	-5.5	0.19
4_2md127	121.5	121.8	0.3	42.3	3.7	2.17
4_2md128	121.8	123	1.2	39.7	-2.6	1.49
4_2md129	123	123.3	0.3	41.5	1.7	0.51
4_2md130	123.3	123.5	0.2	38.9	-2.5	0
4_2md131	123.5	123.7	0.2	36.6	-2.3	0
4_2md132	123.7	124	0.3	37.6	1.0	0.36
4_2md133	124	126.1	2.1	35.6	-1.9	0.82
4_2md134	126.1	126.6	0.5	37.6	1.9	0.42
4_2md135	126.6	127.2	0.6	35.9	-1.7	0.56
4_2md136	127.2	127.4	0.2	38.3	2.4	0
4_2md137	127.4	127.8	0.4	36.2	-2.1	0.37
4_2md138	127.8	128.2	0.4	39.2	3.0	2.21
4_2md139	128.2	129.3	1.1	43.0	3.8	1.51
4_2md140	129.3	129.5	0.2	39.9	-3.0	0
4_2md141	129.5	130.9	1.4	43.0	3.1	2.7
4_2md142	130.9	131.4	0.5	38.6	-4.4	1.6
4_2md143	131.4	131.9	0.5	42.3	3.7	1.74
4_2md144	131.9	133.1	1.2	39.6	-2.8	1.45
4_2md145	133.1	136.5	3.4	42.3	2.7	1.72
4_2md146	136.5	136.7	0.2	39.9	-2.4	0
4_2md147	136.7	140.3	3.6	43.5	3.6	2.05
4_2md148	140.3	140.5	0.2	49.1	5.6	0
4_2md149	140.5	141.1	0.6	39.7	-9.4	0.59
4_2md150	141.1	141.3	0.2	41.3	1.7	0
4_2md151	141.3	141.5	0.2	39.0	-2.3	0
4_2md152	141.5	141.9	0.4	41.2	2.2	2.29
4_2md153	141.9	142.1	0.2	37.9	-3.3	0
4_2md154	142.1	142.4	0.3	43.6	5.7	1.65
4_2md155	142.4	143.8	1.4	40.5	-3.0	1.53
4_2md156	143.8	144.4	0.6	42.8	2.3	1.83
4_2md157	144.4	145	0.6	49.0	6.2	4.44
4_2md158	145	145.5	0.5	38.7	-10.4	1.97
4_2md159	145.5	146.9	1.4	43.2	4.6	1.55
4_2md160	146.9	147.4	0.5	40.6	-2.6	0.71
4_2md161	147.4	151	3.6	43.2	2.6	1.78
4_2md162	151	151.2	0.2	40.6	-2.6	0
4_2md163	151.2	152	0.8	43.6	3.0	1.73
4_2md164	152	152.3	0.3	49.8	6.2	0.89
4_2md165	152.3	153.4	1.1	42.7	-7.1	1.45
4_2md166	153.4	155.6	2.2	39.2	-3.5	2.36
4_2md167	155.6	155.8	0.2	41.7	2.5	0
4_2md168	155.8	156	0.2	52.7	11.0	0
4_2md169	156	156.3	0.3	42.3	-10.4	2.26
4_2md170	156.3	157.4	1.1	48.3	6.0	2.69
4_2md171	157.4	157.6	0.2	43.6	-4.7	0
4_2md172	157.6	158.2	0.6	49.1	5.6	4.01
4_2md173	158.2	158.4	0.2	53.5	4.3	0

4_2md174	158.4	158.7	0.3	51.3	-2.2	1.55
4_2md175	158.7	159	0.3	42.2	-9.1	1.81
4_2md176	159	160.3	1.3	46.5	4.3	3.57
4_2md177	160.3	160.7	0.4	39.8	-6.6	0.66
4_2md178	160.7	161.6	0.9	42.3	2.4	2
4_2md179	161.6	161.8	0.2	39.4	-2.9	0
4_2md180	161.8	164	2.2	43.4	4.0	2.51
4_2md181	164	165.6	1.6	37.9	-5.5	1.17
4_2md182	165.6	166.5	0.9	36.4	-1.5	0.68
4_2md183	166.5	167.7	1.2	38.9	2.5	1.1
4_2md184	167.7	168.7	1	44.0	5.1	1.94
4_2md185	168.7	169	0.3	39.4	-4.6	1.6
4_2md186	169	169.4	0.4	41.0	1.6	0.31
4_2md187	169.4	169.7	0.3	40.3	-0.7	0.75
4_2md188	169.7	170.1	0.4	42.1	1.8	0.53
4_2md189	170.1	170.8	0.7	40.6	-1.5	1.21
4_2md190	170.8	171.3	0.5	50.9	10.3	3.28
4_2md191	171.3	171.7	0.4	42.3	-8.6	1.16
4_2md192	171.7	173.8	2.1	38.0	-4.4	1.53
4_2md193	173.8	174.3	0.5	41.0	3.0	0.97
4_2md194	174.3	174.6	0.3	39.2	-1.8	0.63
4_2md195	174.6	174.8	0.2	50.7	11.5	0
4_2md196	174.8	175.4	0.6	42.6	-8.1	1.69
4_2md197	175.4	176.2	0.8	40.3	-2.3	0.79
4_2md198	176.2	177	0.8	42.7	2.4	1.05
4_2md199	177	177.6	0.6	39.4	-3.3	0.98
4_2md200	177.6	177.8	0.2	42.7	3.3	0
4_2md201	177.8	178	0.2	47.0	4.2	0
4_2md202	178	179.6	1.6	43.5	-3.5	1.98
4_2md203	179.6	179.8	0.2	40.6	-2.9	0
4_2md204	179.8	180.3	0.5	43.4	2.8	2.65
4_2md205	180.3	180.7	0.4	39.9	-3.6	1.59
4_2md206	180.7	181.2	0.5	35.8	-4.0	0.68
4_2md207	181.2	181.4	0.2	38.3	2.5	0
4_2md208	181.4	182.9	1.5	43.0	4.6	2.53
4_2md209	182.9	183.3	0.4	39.3	-3.7	0.57
4_2md210	183.3	183.5	0.2	41.4	2.2	0
4_2md211	183.5	183.7	0.2	38.5	-2.9	0
4_2md212	183.7	183.9	0.2	36.7	-1.8	0
4_2md213	183.9	185.9	2	39.3	2.7	1.03
4_2md214	185.9	186.5	0.6	41.6	2.3	1.23
4_2md215	186.5	187	0.5	53.7	12.1	3.18
4_2md216	187	188	1	41.0	-12.6	0.66
4_2md217	188	188.2	0.2	41.5	0.5	0
4_2md218	188.2	188.5	0.3	39.0	-2.5	1.22
4_2md219	188.5	188.7	0.2	42.7	3.6	0
4_2md220	188.7	189	0.3	38.9	-3.8	0.92
4_2md221	189	189.4	0.4	36.3	-2.6	0.56
4_2md222	189.4	189.6	0.2	37.8	1.5	0
4_2md223	189.6	190	0.4	36.5	-1.3	0.29
4_2md224	190	191.3	1.3	40.0	3.5	0.57
4_2md225	191.3	191.6	0.3	43.9	3.9	0.19
4_2md226	191.6	192.8	1.2	39.2	-4.7	2.55
4_2md227	192.8	193	0.2	43.3	4.1	0
4_2md228	193	193.3	0.3	40.8	-2.6	0.14
4_2md229	193.3	193.5	0.2	42.1	1.4	0

4_2md230	193.5	193.8	0.3	40.6	-1.5	0.41
4_2md231	193.8	194.2	0.4	41.8	1.1	0.14
4_2md232	194.2	194.6	0.4	40.5	-1.2	0.77
4_2md233	194.6	195.7	1.1	42.0	1.5	1.99
4_2md234	195.7	197.2	1.5	40.0	-2.0	1.12
4_2md235	197.2	197.8	0.6	43.5	3.4	1.62
4_2md236	197.8	198.2	0.4	39.3	-4.2	1.92
4_2md237	198.2	198.5	0.3	42.0	2.7	2.26
4_2md238	198.5	199	0.5	48.9	6.9	1.19
4_2md239	199	199.3	0.3	39.8	-9.1	1
4_2md240	199.3	199.5	0.2	45.9	6.2	0
4_2md241	199.5	199.9	0.4	39.4	-6.6	0.58
4_2md242	199.9	200.2	0.3	45.0	5.6	1.19
4_2md243	200.2	201.1	0.9	39.9	-5.1	1.28
4_2md244	201.1	201.9	0.8	44.4	4.4	2.07
4_2md245	201.9	203	1.1	38.8	-5.6	1.67
4_2md246	203	203.2	0.2	42.4	3.6	0
4_2md247	203.2	204	0.8	38.8	-3.7	1.25
4_2md248	204	204.8	0.8	42.5	3.7	2.01
4_2md249	204.8	205	0.2	39.4	-3.1	0
4_2md250	205	205.4	0.4	42.6	3.2	1.33
4_2md251	205.4	206.8	1.4	40.2	-2.3	0.92
4_2md252	206.8	207.8	1	43.7	3.4	1.73
4_2md253	207.8	208.4	0.6	36.2	-7.5	1.92
4_2md254	208.4	208.8	0.4	41.3	5.1	0.45
4_2md255	208.8	209	0.2	40.6	-0.7	0
5_1md1	0	0.2	0.2	35.7		0
5_1md2	0.2	0.8	0.6	38.4	2.7	1.24
5_1md3	0.8	1	0.2	43.1	4.7	0
5_1md4	1	1.2	0.2	46.8	3.7	0
5_1md5	1.2	2.4	1.2	42.7	-4.1	1.98
5_1md6	2.4	3.9	1.5	35.7	-6.9	0.81
5_1md7	3.9	4.2	0.3	38.3	2.5	1.12
5_1md8	4.2	5	0.8	36.2	-2.1	0.78
5_1md9	5	5.3	0.3	37.6	1.3	0.19
5_1md10	5.3	6.2	0.9	36.1	-1.5	0.4
5_1md11	6.2	6.4	0.2	38.2	2.1	0
5_1md12	6.4	7.2	0.8	43.4	5.2	2.62
5_1md13	7.2	7.7	0.5	38.8	-4.6	0.87
5_1md14	7.7	8.1	0.4	41.7	3.0	0.62
5_1md15	8.1	8.9	0.8	37.6	-4.1	1.15
5_1md16	8.9	9.9	1	35.8	-1.8	0.55
5_1md17	9.9	10.2	0.3	38.2	2.4	1.13
5_1md18	10.2	11.3	1.1	42.1	4.0	1.22
5_1md19	11.3	13.4	2.1	37.9	-4.2	0.94
5_1md20	13.4	13.6	0.2	42.2	4.3	0
5_1md21	13.6	14.1	0.5	46.2	4.0	3
5_1md22	14.1	14.5	0.4	42.7	-3.5	2.34
5_1md23	14.5	14.8	0.3	40.0	-2.7	1.59
5_1md24	14.8	15.4	0.6	44.6	4.7	1.44
5_1md25	15.4	15.6	0.2	48.2	3.5	0
5_1md26	15.6	16.1	0.5	43.6	-4.6	1.46
5_1md27	16.1	17.3	1.2	38.9	-4.7	1.4
5_1md28	17.3	17.7	0.4	36.5	-2.5	0.56
5_1md29	17.7	17.9	0.2	38.5	2.1	0

5_1md30	17.9	18.4	0.5	44.6	6.1	1.21
5_1md31	18.4	19.5	1.1	38.5	-6.2	1.03
5_1md32	19.5	20.5	1	36.2	-2.2	0.58
5_1md33	20.5	20.7	0.2	38.8	2.6	0
5_1md34	20.7	20.9	0.2	36.0	-2.8	0
5_1md35	20.9	21.3	0.4	37.2	1.3	0.25
5_1md36	21.3	21.8	0.5	36.4	-0.9	0.37
5_1md37	21.8	22	0.2	37.8	1.4	0
5_1md38	22	22.2	0.2	36.4	-1.4	0
5_1md39	22.2	23.2	1	38.1	1.7	1.08
5_1md40	23.2	23.4	0.2	36.2	-1.9	0
5_1md41	23.4	24	0.6	37.5	1.3	0.76
5_1md42	24	28.9	4.9	35.5	-2.0	0.85
5_1md43	28.9	29.1	0.2	38.3	2.8	0
5_1md44	29.1	31.7	2.6	34.8	-3.6	1.17
5_1md45	31.7	34.3	2.6	37.9	3.2	0.73
5_1md46	34.3	34.5	0.2	36.5	-1.4	0
5_1md47	34.5	35.3	0.8	38.2	1.6	0.67
5_1md48	35.3	38.2	2.9	0.0	-38.2	0
5_1md49	38.2	40.9	2.7	38.6	38.6	0.92
5_1md50	40.9	42.4	1.5	36.5	-2.1	0.69
5_1md51	42.4	42.9	0.5	37.9	1.4	1.13
5_1md52	42.9	43.2	0.3	36.3	-1.5	1.3
5_1md53	43.2	43.6	0.4	37.4	1.1	0.24
5_1md54	43.6	46.2	2.6	35.7	-1.8	0.7
5_1md55	46.2	46.9	0.7	37.6	1.9	0.82
5_1md56	46.9	47.2	0.3	36.5	-1.1	0.37
5_1md57	47.2	47.9	0.7	38.2	1.8	0.49
5_1md58	47.9	50.5	2.6	35.7	-2.5	0.7
5_1md59	50.5	51.6	1.1	38.1	2.4	1
5_1md60	51.6	52	0.4	36.8	-1.3	0.35
5_1md61	52	53.6	1.6	37.8	1.0	0.96
5_1md62	53.6	54.3	0.7	36.5	-1.3	0.37
5_1md63	54.3	54.5	0.2	37.1	0.7	0
5_1md64	54.5	61.4	6.9	36.2	-0.9	0.93
5_1md65	61.4	63.6	2.2	38.1	1.9	1.08
5_1md66	63.6	65.3	1.7	35.3	-2.8	0.74
5_1md67	65.3	66.4	1.1	37.8	2.5	1.07
5_1md68	66.4	77.9	11.5	34.9	-2.9	0.95
5_1md69	77.9	78.3	0.4	37.8	2.9	0.53
5_1md70	78.3	78.6	0.3	36.6	-1.2	0.48
5_1md71	78.6	83.2	4.6	38.0	1.4	1
5_1md72	83.2	95.9	12.7	35.1	-2.9	1.12
5_1md73	95.9	96.9	1	39.0	3.8	1.09
5_1md74	96.9	100.5	3.6	35.2	-3.8	1.01
5_1md75	100.5	100.8	0.3	37.3	2.1	0.17
5_1md76	100.8	101	0.2	36.3	-1.0	0
5_1md77	101	101.7	0.7	38.7	2.4	1.17
5_1md78	101.7	102	0.3	35.8	-2.9	0.95
5_1md79	102	102.9	0.9	38.6	2.8	1.31
5_1md80	102.9	107.5	4.6	35.1	-3.5	1.05
5_1md81	107.5	108.1	0.6	38.2	3.0	0.42
5_1md82	108.1	111	2.9	36.2	-1.9	0.78
5_1md83	111	111.2	0.2	37.3	1.1	0
5_1md84	111.2	115.9	4.7	35.0	-2.3	1.13
5_1md85	115.9	116.7	0.8	38.0	3.1	0.95

5_1md86	116.7	120.4	3.7	34.9	-3.1	1.06
5_1md87	120.4	120.7	0.3	37.8	2.9	0.17
5_1md88	120.7	122.2	1.5	36.3	-1.5	0.77
5_1md89	122.2	122.9	0.7	37.8	1.5	0.72
5_1md90	122.9	123.1	0.2	36.3	-1.5	0
5_1md91	123.1	124.4	1.3	38.8	2.6	0.92
5_1md92	124.4	124.6	0.2	36.2	-2.6	0
5_1md93	124.6	124.9	0.3	39.6	3.4	0.41
5_1md94	124.9	125.2	0.3	34.5	-5.1	0.48
5_1md95	125.2	127	1.8	38.8	4.3	0.87
5_1md96	127	127.8	0.8	34.9	-4.0	1.27
5_1md97	127.8	128.2	0.4	38.0	3.2	1.32
5_1md98	128.2	129.5	1.3	36.1	-2.0	0.7
5_1md99	129.5	129.9	0.4	36.9	0.9	0.81
5_1md100	129.9	130.3	0.4	34.8	-2.2	1.46
5_1md101	130.3	131.2	0.9	37.7	3.0	0.93
5_1md102	131.2	132.2	1	36.1	-1.6	0.43
5_1md103	132.2	133.9	1.7	38.7	2.5	1.39
5_1md104	133.9	134.3	0.4	36.1	-2.5	0.77
5_1md105	134.3	134.7	0.4	37.6	1.5	0.58
5_1md106	134.7	135.2	0.5	36.8	-0.8	0.53
5_1md107	135.2	136.6	1.4	37.6	0.8	0.79
5_1md108	136.6	137.9	1.3	36.5	-1.1	0.68
5_1md109	137.9	141.5	3.6	38.8	2.3	1.26
5_1md110	141.5	141.7	0.2	36.4	-2.3	0
5_1md111	141.7	141.9	0.2	37.6	1.2	0
5_1md112	141.9	154.1	12.2	34.6	-3.0	0.88
5_1md113	154.1	154.6	0.5	39.9	5.3	2.67
5_1md114	154.6	157.4	2.8	35.4	-4.6	0.98
5_2md1	0	11	11	34.3		0.99
5_2md2	11	12.3	1.3	38.1	3.8	1.17
5_2md3	12.3	13	0.7	35.7	-2.3	0.79
5_2md4	13	15.1	2.1	38.6	2.8	0.91
5_2md5	15.1	15.6	0.5	35.8	-2.7	1.05
5_2md6	15.6	16.5	0.9	38.1	2.2	0.63
5_2md7	16.5	17.3	0.8	35.8	-2.2	1.17
5_2md8	17.3	17.7	0.4	37.1	1.2	1.15
5_2md9	17.7	24.4	6.7	35.1	-2.0	0.9
5_2md10	24.4	25.7	1.3	37.4	2.3	1.1
5_2md11	25.7	25.9	0.2	36.6	-0.8	0
5_2md12	25.9	27.1	1.2	38.0	1.5	1.16
5_2md13	27.1	28.4	1.3	35.8	-2.2	0.74
5_2md14	28.4	29.9	1.5	38.5	2.7	0.9
5_2md15	29.9	43	13.1	34.5	-4.0	0.94
5_2md16	43	43.2	0.2	37.5	3.0	0
5_2md17	43.2	44	0.8	35.8	-1.7	1.11
5_2md18	44	45.7	1.7	37.7	1.9	0.83
5_2md19	45.7	45.9	0.2	36.3	-1.4	0
5_2md20	45.9	46.4	0.5	38.1	1.8	0.37
5_2md21	46.4	46.6	0.2	36.2	-1.9	0
5_2md22	46.6	46.9	0.3	37.7	1.5	0.42
5_2md23	46.9	47.5	0.6	35.3	-2.4	1.05
5_2md24	47.5	47.7	0.2	37.4	2.1	0
5_2md25	47.7	54	6.3	35.3	-2.1	1.04
5_2md26	54	54.3	0.3	37.2	1.9	0.78

5_2md27	54.3	54.8	0.5	37.8	0.6	1.35
5_2md28	54.8	55.3	0.5	36.3	-1.5	0.54
5_2md29	55.3	55.5	0.2	37.5	1.2	0
5_2md30	55.5	55.9	0.4	35.7	-1.8	0.75
5_2md31	55.9	56.5	0.6	37.7	2.0	0.69
5_2md32	56.5	57.2	0.7	36.3	-1.4	1.04
5_2md33	57.2	57.5	0.3	37.3	1.0	0.19
5_2md34	57.5	58.3	0.8	36.2	-1.1	0.45
5_2md35	58.3	58.9	0.6	37.7	1.4	0.63
5_2md36	58.9	62	3.1	35.5	-2.2	0.75
5_2md37	62	62.4	0.4	37.0	1.5	0.74
5_2md38	62.4	62.6	0.2	35.9	-1.1	0
5_2md39	62.6	65	2.4	38.1	2.1	1.35
5_2md40	65	66	1	36.3	-1.8	0.69
5_2md41	66	66.9	0.9	38.7	2.4	1.25
5_2md42	66.9	67.2	0.3	35.8	-2.9	1.1
5_2md43	67.2	68	0.8	38.3	2.4	0.37
5_2md44	68	68.7	0.7	36.5	-1.8	0.37
5_2md45	68.7	71.8	3.1	38.0	1.6	0.91
5_2md46	71.8	72	0.2	36.2	-1.8	0
5_2md47	72	73.1	1.1	38.1	1.9	1.65
5_2md48	73.1	73.3	0.2	36.3	-1.8	0
5_2md49	73.3	74.5	1.2	38.3	2.0	1.97
5_2md50	74.5	75.2	0.7	38.0	-0.3	4.24
5_2md51	75.2	75.9	0.7	39.2	1.2	2.57
5_2md52	75.9	76.6	0.7	43.1	3.8	1.27
5_2md53	76.6	78	1.4	39.8	-3.3	1.65
5_2md54	78	78.5	0.5	36.5	-3.3	0.39
5_2md55	78.5	79.3	0.8	39.1	2.7	1.6
5_2md56	79.3	79.6	0.3	44.3	5.1	1.99
5_2md57	79.6	79.9	0.3	37.7	-6.6	2.3
5_2md58	79.9	80.8	0.9	43.8	6.1	3.52
5_2md59	80.8	81.1	0.3	38.9	-4.9	1.94
5_2md60	81.1	81.5	0.4	43.5	4.6	1.88
5_2md61	81.5	81.8	0.3	38.5	-5.0	1.35
5_2md62	81.8	82	0.2	41.4	2.9	0
5_2md63	82	82.7	0.7	39.0	-2.3	1.32
5_2md64	82.7	82.9	0.2	42.7	3.7	0
5_2md65	82.9	83.3	0.4	37.7	-5.0	0.93
5_2md66	83.3	84	0.7	36.5	-1.2	0.67
5_2md67	84	84.4	0.4	37.9	1.4	0.34
5_2md68	84.4	84.7	0.3	35.8	-2.1	0.47
5_2md69	84.7	86.2	1.5	38.2	2.4	1.55
5_2md70	86.2	86.8	0.6	41.8	3.6	0.96
5_2md71	86.8	87.1	0.3	37.2	-4.6	0.84
5_2md72	87.1	87.4	0.3	43.2	6.0	0.8
5_2md73	87.4	90.1	2.7	38.8	-4.4	1.79
5_2md74	90.1	90.4	0.3	42.4	3.6	0.38
5_2md75	90.4	90.7	0.3	35.9	-6.5	1.24
5_2md76	90.7	92	1.3	39.9	4.0	2.06
5_2md77	92	92.3	0.3	42.7	2.7	1.16
5_2md78	92.3	94.6	2.3	38.9	-3.8	1.87
5_2md79	94.6	95	0.4	41.8	2.9	0.75
5_2md80	95	96.9	1.9	38.8	-3.0	1.27
5_2md81	96.9	97.2	0.3	36.1	-2.7	0.99
5_2md82	97.2	98.6	1.4	38.1	2.1	0.68

5_2md83	98.6	98.9	0.3	35.9	-2.2	0.59
5_2md84	98.9	99.2	0.3	38.4	2.5	0.47
5_2md85	99.2	100.6	1.4	35.5	-2.9	0.74
5_2md86	100.6	101.1	0.5	37.5	2.0	0.36
5_2md87	101.1	104.4	3.3	35.5	-2.0	0.82
5_2md88	104.4	105.7	1.3	38.7	3.2	0.94
5_2md89	105.7	106.1	0.4	35.0	-3.7	0.91
5_2md90	106.1	106.5	0.4	38.3	3.3	0.4
5_2md91	106.5	108	1.5	36.0	-2.3	0.7
5_2md92	108	109.1	1.1	38.6	2.6	0.98
5_2md93	109.1	110	0.9	35.8	-2.9	0.33
5_2md94	110	111	1	40.1	4.3	1.67
5_2md95	111	111.2	0.2	36.2	-3.9	0
5_2md96	111.2	112	0.8	39.3	3.0	2.31
5_2md97	112	112.2	0.2	42.6	3.3	0
5_2md98	112.2	112.5	0.3	40.2	-2.4	1.4
5_2md99	112.5	113	0.5	43.6	3.4	3.43
5_2md100	113	113.7	0.7	39.9	-3.7	1.77
5_2md101	113.7	113.9	0.2	41.2	1.4	0
5_2md102	113.9	115	1.1	40.2	-1.0	0.62
5_2md103	115	115.3	0.3	44.8	4.6	3.75
5_2md104	115.3	115.8	0.5	38.8	-6.0	1.26
5_2md105	115.8	121.9	6.1	35.6	-3.2	0.94
5_2md106	121.9	122.8	0.9	39.2	3.6	1.96
5_2md107	122.8	124.4	1.6	42.7	3.5	1.64
5_2md108	124.4	124.6	0.2	40.2	-2.5	0
5_2md109	124.6	125.5	0.9	42.9	2.7	2.12
5_2md110	125.5	125.7	0.2	48.9	6.0	0
5_2md111	125.7	125.9	0.2	43.0	-5.9	0
5_2md112	125.9	127.2	1.3	46.3	3.3	4.45
5_2md113	127.2	127.4	0.2	40.2	-6.1	0
5_2md114	127.4	127.6	0.2	43.2	3.0	0
5_2md115	127.6	127.9	0.3	37.5	-5.8	1.2
5_2md116	127.9	133.5	5.6	34.6	-2.9	1.19
5_2md117	133.5	133.9	0.4	37.9	3.3	0.7
5_2md118	133.9	134.6	0.7	44.1	6.2	2.37
5_2md119	134.6	135.2	0.6	39.1	-5.0	1.36
5_2md120	135.2	136.1	0.9	35.8	-3.3	0.62
5_2md121	136.1	138.6	2.5	39.0	3.1	2.36
5_2md122	138.6	140.4	1.8	35.9	-3.1	0.89
5_2md123	140.4	141.3	0.9	38.0	2.1	1.37
5_2md124	141.3	141.6	0.3	42.7	4.7	1.42
5_2md125	141.6	142.6	1	48.1	5.4	4.04
5_2md126	142.6	142.9	0.3	43.4	-4.7	2.84
5_2md127	142.9	143.6	0.7	48.7	5.2	4.88
5_2md128	143.6	143.8	0.2	40.1	-8.5	0
5_2md129	143.8	144.1	0.3	45.0	4.8	1.03
5_2md130	144.1	144.6	0.5	52.6	7.6	3
5_2md131	144.6	145.1	0.5	40.9	-11.7	1.7
5_2md132	145.1	145.3	0.2	38.8	-2.1	0
5_2md133	145.3	147.3	2	49.2	10.4	2.06
5_2md134	147.3	147.5	0.2	45.6	-3.5	0
6_1md1	0	0.7	0.7	39.1		2.07
6_1md2	0.7	1	0.3	45.5	6.4	3.96
6_1md3	1	1.4	0.4	40.8	-4.7	0.72

6_1md4	1.4	1.7	0.3	42.5	1.7	0.61
6_1md5	1.7	2.8	1.1	39.4	-3.0	1.19
6_1md6	2.8	3.2	0.4	41.3	1.8	2.99
6_1md7	3.2	5	1.8	38.7	-2.6	1.05
6_1md8	5	6.6	1.6	35.5	-3.2	1.13
6_1md9	6.6	7.8	1.2	38.5	3.1	1.21
6_1md10	7.8	10.3	2.5	35.1	-3.5	0.74
6_1md11	10.3	12	1.7	38.7	3.7	1.15
6_1md12	12	12.5	0.5	46.4	7.7	3.1
6_1md13	12.5	12.8	0.3	39.6	-6.8	1.34
6_1md14	12.8	13.1	0.3	45.2	5.6	3.36
6_1md15	13.1	15.6	2.5	38.7	-6.4	1.94
6_1md16	15.6	16.1	0.5	36.7	-2.0	0.64
6_1md17	16.1	16.3	0.2	37.5	0.7	0
6_1md18	16.3	16.5	0.2	36.3	-1.1	0
6_1md19	16.5	17.2	0.7	38.5	2.1	0.88
6_1md20	17.2	17.6	0.4	36.3	-2.1	0.26
6_1md21	17.6	18.4	0.8	37.6	1.3	1.14
6_1md22	18.4	18.8	0.4	35.7	-1.9	0.56
6_1md23	18.8	19.7	0.9	37.4	1.7	0.76
6_1md24	19.7	19.9	0.2	36.3	-1.1	0
6_1md25	19.9	20.1	0.2	37.2	0.9	0
6_1md26	20.1	25.8	5.7	34.5	-2.7	1.08
6_1md27	25.8	26.1	0.3	42.8	8.3	1.11
6_1md28	26.1	28.5	2.4	38.6	-4.2	1.35
6_1md29	28.5	28.8	0.3	34.8	-3.8	0.89
6_1md30	28.8	29.9	1.1	39.0	4.2	1.07
6_1md31	29.9	30.3	0.4	37.0	-2.0	0.8
6_1md32	30.3	33.7	3.4	37.7	0.7	0.83
6_1md33	33.7	34.2	0.5	36.4	-1.3	0.32
6_1md34	34.2	34.6	0.4	37.3	0.8	0.29
6_1md35	34.6	36	1.4	35.8	-1.5	1.05
6_1md36	36	36.5	0.5	37.5	1.7	0.79
6_1md37	36.5	51.4	14.9	35.2	-2.3	1.14
6_1md38	51.4	52.3	0.9	37.7	2.4	0.74
6_1md39	52.3	52.5	0.2	41.7	4.1	0
6_1md40	52.5	53.4	0.9	38.1	-3.7	1.56
6_1md41	53.4	53.6	0.2	36.3	-1.8	0
6_1md42	53.6	55.7	2.1	37.5	1.2	1.2
6_1md43	55.7	56.5	0.8	36.5	-1.0	0.37
6_1md44	56.5	58.5	2	38.6	2.2	1.22
6_1md45	58.5	58.7	0.2	36.2	-2.4	0
6_1md46	58.7	60.6	1.9	38.0	1.8	0.74
6_1md47	60.6	61.4	0.8	36.5	-1.5	0.72
6_1md48	61.4	62	0.6	38.1	1.7	1.33
6_1md49	62	62.8	0.8	36.2	-1.9	0.5
6_1md50	62.8	63.3	0.5	38.0	1.8	2.44
6_1md51	63.3	63.8	0.5	36.8	-1.2	0.55
6_1md52	63.8	64.5	0.7	37.6	0.9	0.54
6_1md53	64.5	64.7	0.2	34.9	-2.7	0
6_1md54	64.7	65	0.3	38.0	3.1	0.75
6_1md55	65	66.8	1.8	36.2	-1.8	0.73
6_1md56	66.8	68.6	1.8	38.3	2.1	1.03
6_1md57	68.6	68.9	0.3	36.9	-1.5	2.43
6_1md58	68.9	69.1	0.2	42.1	5.2	0
6_1md59	69.1	69.9	0.8	39.4	-2.7	0.86

6_1md60	69.9	70.1	0.2	41.7	2.3	0
6_1md61	70.1	70.5	0.4	40.5	-1.2	0.48
6_1md62	70.5	70.9	0.4	41.8	1.4	0.58
6_1md63	70.9	71.1	0.2	40.4	-1.5	0
6_1md64	71.1	71.5	0.4	42.5	2.2	0.87
6_1md65	71.5	72	0.5	38.8	-3.8	1.42
6_1md66	72	72.4	0.4	35.9	-2.8	0.2
6_1md67	72.4	72.7	0.3	37.7	1.7	0.22
6_1md68	72.7	73.1	0.4	40.6	2.9	2.39
6_1md69	73.1	73.5	0.4	40.5	-0.1	0.49
6_1md70	73.5	73.7	0.2	42.6	2.1	0
6_1md71	73.7	73.9	0.2	54.0	11.4	0
6_1md72	73.9	76.8	2.9	0.0	-54.0	0
6_1md73	76.8	77.1	0.3	39.4	39.4	1.43
6_1md74	77.1	77.7	0.6	41.6	2.2	0.86
6_1md75	77.7	78.7	1	38.5	-3.0	1.58
6_1md76	78.7	79.7	1	35.1	-3.4	0.81
6_1md77	79.7	80.3	0.6	38.0	2.9	1.15
6_1md78	80.3	81	0.7	35.7	-2.3	0.55
6_1md79	81	81.9	0.9	38.3	2.6	1.53
6_1md80	81.9	82.7	0.8	42.8	4.6	1.59
6_1md81	82.7	83.5	0.8	39.3	-3.6	2.1
6_1md82	83.5	84.5	1	42.0	2.8	1.08
6_1md83	84.5	84.8	0.3	39.0	-3.1	1.33
6_1md84	84.8	85.1	0.3	36.8	-2.1	2.68
6_1md85	85.1	85.4	0.3	41.9	5.0	0.86
6_1md86	85.4	85.8	0.4	39.9	-2.0	2.03
6_1md87	85.8	86	0.2	44.5	4.6	0
6_1md88	86	87.4	1.4	38.6	-6.0	0.99
6_1md89	87.4	88.6	1.2	36.6	-2.0	0.66
6_1md90	88.6	89.2	0.6	37.4	0.8	0.61
6_1md91	89.2	93.9	4.7	35.6	-1.8	0.89
6_1md92	93.9	94.3	0.4	38.3	2.8	0.4
6_1md93	94.3	94.5	0.2	36.2	-2.1	0
6_1md94	94.5	94.7	0.2	37.5	1.3	0
6_1md95	94.7	95.9	1.2	35.2	-2.3	0.74
6_1md96	95.9	96.3	0.4	39.1	3.9	1.7
6_1md97	96.3	97.4	1.1	36.8	-2.3	0.46
6_1md98	97.4	97.6	0.2	39.2	2.4	0
6_1md99	97.6	97.8	0.2	35.9	-3.3	0
6_1md100	97.8	98	0.2	37.8	1.9	0
6_1md101	98	98.4	0.4	36.1	-1.7	0.65
6_1md102	98.4	100.1	1.7	38.5	2.4	1.06
6_1md103	100.1	101.3	1.2	36.4	-2.1	0.62
6_1md104	101.3	102.6	1.3	37.6	1.2	0.81
6_1md105	102.6	103.4	0.8	36.5	-1.2	0.5
6_1md106	103.4	105.3	1.9	38.0	1.5	1.05
6_1md107	105.3	106	0.7	36.0	-2.0	0.62
6_1md108	106	106.4	0.4	37.5	1.6	0.71
6_1md109	106.4	107	0.6	37.2	-0.3	0.5
6_1md110	107	107.2	0.2	37.2	0.0	0
6_1md111	107.2	108.6	1.4	36.4	-0.8	1.02
6_1md112	108.6	108.9	0.3	39.4	3.0	1.58
6_1md113	108.9	109.1	0.2	34.9	-4.5	0
6_1md114	109.1	109.7	0.6	38.9	4.0	2.22
6_1md115	109.7	110.3	0.6	41.5	2.7	0.75

6_1md116	110.3	110.5	0.2	35.9	-5.6	0
6_1md117	110.5	111.8	1.3	38.2	2.3	1.39
6_1md118	111.8	112.9	1.1	36.2	-2.0	0.67
6_1md119	112.9	115	2.1	37.8	1.5	1
6_1md120	115	117.7	2.7	36.3	-1.5	0.85
6_1md121	117.7	122.6	4.9	39.1	2.8	1.23
6_1md122	122.6	122.9	0.3	43.7	4.7	2.44
6_1md123	122.9	123.6	0.7	37.8	-6.0	1.15
6_1md124	123.6	123.8	0.2	44.1	6.3	0
6_1md125	123.8	124	0.2	39.2	-4.8	0
6_1md126	124	124.5	0.5	44.6	5.4	2.16
6_1md127	124.5	125.6	1.1	38.7	-5.9	1.08
6_1md128	125.6	125.8	0.2	35.1	-3.7	0
6_1md129	125.8	126.6	0.8	38.4	3.4	0.84
6_1md130	126.6	127.2	0.6	36.9	-1.5	0.62
6_1md131	127.2	127.8	0.6	37.7	0.8	0.63
6_1md132	127.8	128	0.2	35.2	-2.4	0
6_1md133	128	128.7	0.7	37.8	2.6	0.7
6_1md134	128.7	130.6	1.9	35.9	-1.9	0.55
6_1md135	130.6	130.8	0.2	37.2	1.3	0
6_1md136	130.8	135.2	4.4	36.1	-1.1	0.75
6_1md137	135.2	135.5	0.3	37.9	1.9	0.51
6_1md138	135.5	137.8	2.3	36.6	-1.3	0.9
6_1md139	137.8	138.1	0.3	37.4	0.8	0.23
6_1md140	138.1	138.4	0.3	36.3	-1.1	0.61
6_1md141	138.4	139.1	0.7	37.7	1.4	0.27
6_1md142	139.1	139.4	0.3	36.6	-1.1	0.03
6_1md143	139.4	139.6	0.2	37.4	0.8	0
6_1md144	139.6	141	1.4	35.7	-1.8	1.38
6_1md145	141	141.2	0.2	38.2	2.5	0
6_1md146	141.2	142.3	1.1	36.3	-1.9	1.04
6_1md147	142.3	142.7	0.4	38.2	1.9	0.83
6_1md148	142.7	142.9	0.2	36.2	-2.0	0
6_1md149	142.9	145.6	2.7	38.4	2.2	1.36
6_1md150	145.6	145.8	0.2	46.7	8.3	0
6_1md151	145.8	146.2	0.4	38.0	-8.7	2.11
6_1md152	146.2	146.5	0.3	35.6	-2.4	1.35
6_1md153	146.5	147.6	1.1	38.2	2.7	0.95
6_2md1	0	0.2	0.2	41.3		0
6_2md2	0.2	0.5	0.3	42.3	1.0	0.8
6_2md3	0.5	1.5	1	38.7	-3.5	1.4
6_2md4	1.5	1.7	0.2	42.7	4.0	0
6_2md5	1.7	2.6	0.9	39.5	-3.2	2.9
6_2md6	2.6	2.9	0.3	36.9	-2.6	1.16
6_2md7	2.9	3.1	0.2	43.7	6.8	0
6_2md8	3.1	3.4	0.3	39.3	-4.4	1.88
6_2md9	3.4	4.1	0.7	43.2	3.8	1.76
6_2md10	4.1	4.6	0.5	38.8	-4.4	1.87
6_2md11	4.6	5.3	0.7	35.6	-3.2	0.75
6_2md12	5.3	7.3	2	38.7	3.2	1.26
6_2md13	7.3	7.5	0.2	41.7	3.0	0
6_2md14	7.5	9.1	1.6	39.0	-2.8	2.25
6_2md15	9.1	10.3	1.2	43.2	4.2	2.64
6_2md16	10.3	10.6	0.3	36.3	-6.9	0.73
6_2md17	10.6	11	0.4	39.0	2.7	1.44

6_2md18	11	11.8	0.8	42.9	3.9	1.37
6_2md19	11.8	12.6	0.8	38.3	-4.6	0.93
6_2md20	12.6	12.8	0.2	36.2	-2.1	0
6_2md21	12.8	14	1.2	38.4	2.2	1.17
6_2md22	14	14.3	0.3	36.5	-1.9	0.11
6_2md23	14.3	14.5	0.2	37.8	1.3	0
6_2md24	14.5	14.7	0.2	36.4	-1.3	0
6_2md25	14.7	16.2	1.5	38.4	1.9	1.34
6_2md26	16.2	16.6	0.4	36.0	-2.4	0.44
6_2md27	16.6	17	0.4	37.1	1.2	0.28
6_2md28	17	18.5	1.5	35.9	-1.2	0.91
6_2md29	18.5	19.2	0.7	37.9	2.0	0.89
6_2md30	19.2	20.8	1.6	36.3	-1.6	1.07
6_2md31	20.8	21	0.2	37.5	1.2	0
6_2md32	21	21.4	0.4	34.5	-3.1	0.82
6_2md33	21.4	22.3	0.9	38.0	3.5	1.05
6_2md34	22.3	30	7.7	34.8	-3.2	1.03
6_2md35	30	30.5	0.5	37.5	2.8	0.76
6_2md36	30.5	31.6	1.1	36.2	-1.3	0.98
6_2md37	31.6	31.8	0.2	37.5	1.3	0
6_2md38	31.8	32.5	0.7	35.0	-2.5	0.83
6_2md39	32.5	33.1	0.6	39.0	4.0	1.21
6_2md40	33.1	33.5	0.4	35.4	-3.6	0.92
6_2md41	33.5	33.7	0.2	37.7	2.3	0
6_2md42	33.7	35.9	2.2	35.5	-2.1	1.08
6_2md43	35.9	36.1	0.2	38.8	3.3	0
6_2md44	36.1	38.1	2	36.3	-2.5	0.84
6_2md45	38.1	38.6	0.5	38.6	2.3	0.8
6_2md46	38.6	38.8	0.2	36.2	-2.4	0
6_2md47	38.8	39.4	0.6	38.1	1.9	0.52
6_2md48	39.4	45.3	5.9	35.1	-2.9	0.88
6_2md49	45.3	45.8	0.5	38.5	3.4	1.19
6_2md50	45.8	46	0.2	36.6	-1.9	0
6_2md51	46	46.6	0.6	37.7	1.0	0.99
6_2md52	46.6	46.9	0.3	41.9	4.3	0.52
6_2md53	46.9	48.1	1.2	39.1	-2.8	1.27
6_2md54	48.1	48.4	0.3	35.9	-3.3	0.85
6_2md55	48.4	49.4	1	38.0	2.1	1.6
6_2md56	49.4	49.6	0.2	42.9	4.9	0
6_2md57	49.6	49.8	0.2	39.2	-3.7	0
6_2md58	49.8	52.1	2.3	42.2	3.0	1.68
6_2md59	52.1	52.9	0.8	38.7	-3.5	1.13
6_2md60	52.9	53.1	0.2	43.9	5.2	0
6_2md61	53.1	53.9	0.8	41.8	-2.1	3.4
6_2md62	53.9	54.4	0.5	38.0	-3.8	0.93
6_2md63	54.4	54.9	0.5	42.3	4.2	1.84
6_2md64	54.9	55.5	0.6	39.4	-2.9	1.02
6_2md65	55.5	56.4	0.9	42.7	3.3	2.91
6_2md66	56.4	57	0.6	47.7	5.1	3.79
6_2md67	57	58	1	42.0	-5.7	1.15
6_2md68	58	58.5	0.5	35.9	-6.1	0.97
6_2md69	58.5	59.2	0.7	43.1	7.3	1.71
6_2md70	59.2	60.1	0.9	38.8	-4.4	1.55
6_2md71	60.1	60.3	0.2	36.4	-2.4	0
6_2md72	60.3	61.5	1.2	42.2	5.9	2.15
6_2md73	61.5	61.9	0.4	46.4	4.2	2.97

6_2md74	61.9	62.3	0.4	43.2	-3.2	1.31
6_2md75	62.3	62.8	0.5	38.5	-4.7	0.41
6_2md76	62.8	63	0.2	36.7	-1.8	0
6_2md77	63	67.2	4.2	38.4	1.6	1.39
6_2md78	67.2	67.9	0.7	36.7	-1.7	0.69
6_2md79	67.9	68.5	0.6	37.9	1.2	0.65
6_2md80	68.5	69.1	0.6	42.6	4.7	3.13
6_2md81	69.1	70.9	1.8	39.7	-3.0	0.77
6_2md82	70.9	71.2	0.3	41.2	1.5	0.15
6_2md83	71.2	71.7	0.5	38.7	-2.5	0.69
6_2md84	71.7	71.9	0.2	42.1	3.4	0
6_2md85	71.9	73	1.1	38.4	-3.7	0.99
6_2md86	73	73.8	0.8	36.1	-2.3	0.83
6_2md87	73.8	76.2	2.4	38.8	2.7	1.39
6_2md88	76.2	78.2	2	36.4	-2.4	0.76
6_2md89	78.2	80.6	2.4	39.6	3.2	0.96
6_2md90	80.6	86.5	5.9	34.9	-4.6	0.93
6_2md91	86.5	87.1	0.6	37.1	2.2	0.33
6_2md92	87.1	87.8	0.7	36.8	-0.3	0.28
6_2md93	87.8	88.1	0.3	37.4	0.7	0.16
6_2md94	88.1	88.3	0.2	36.5	-1.0	0
6_2md95	88.3	89.8	1.5	38.8	2.3	1.09
6_2md96	89.8	93.6	3.8	35.5	-3.3	0.84
6_2md97	93.6	93.9	0.3	39.2	3.8	0.32
6_2md98	93.9	94.1	0.2	41.3	2.1	0
6_2md99	94.1	95	0.9	39.0	-2.3	1.76
6_2md100	95	95.6	0.6	43.2	4.2	3.3
6_2md101	95.6	98.7	3.1	39.8	-3.4	1.13
6_2md102	98.7	99.4	0.7	42.6	2.8	1.89
6_2md103	99.4	99.7	0.3	37.2	-5.4	1.28
6_2md104	99.7	100.9	1.2	39.6	2.4	1.01
6_2md105	100.9	101.3	0.4	41.1	1.5	0.7
6_2md106	101.3	102.6	1.3	40.3	-0.8	0.98
6_2md107	102.6	102.9	0.3	41.9	1.6	0.43
6_2md108	102.9	103.4	0.5	38.0	-3.9	1.19
6_2md109	103.4	103.6	0.2	43.6	5.6	0
6_2md110	103.6	103.8	0.2	51.0	7.4	0
6_2md111	103.8	104	0.2	43.7	-7.3	0
6_2md112	104	104.3	0.3	39.8	-3.9	0.17
6_2md113	104.3	104.6	0.3	43.1	3.3	1.57
6_2md114	104.6	105.6	1	39.2	-3.9	1.2
6_2md115	105.6	105.9	0.3	43.1	3.9	0.39
6_2md116	105.9	106.8	0.9	40.1	-3.0	1.2
6_2md117	106.8	107	0.2	42.2	2.1	0
6_2md118	107	108.6	1.6	39.3	-2.9	1.12
6_2md119	108.6	108.8	0.2	41.5	2.2	0
6_2md120	108.8	109.1	0.3	37.5	-4.0	0.5
6_2md121	109.1	109.6	0.5	39.3	1.8	0.77
6_2md122	109.6	109.8	0.2	42.5	3.2	0
6_2md123	109.8	110.4	0.6	37.0	-5.5	1.65
6_2md124	110.4	111.5	1.1	39.3	2.3	1.3
6_2md125	111.5	111.7	0.2	41.4	2.1	0
6_2md126	111.7	112.5	0.8	38.1	-3.3	0.59
6_2md127	112.5	118.7	6.2	34.6	-3.5	0.87
6_2md128	118.7	119.6	0.9	37.5	2.9	0.89
6_2md129	119.6	127.2	7.6	35.5	-1.9	0.92

6_2md130	127.2	128.9	1.7	39.1	3.6	2.1
6_2md131	128.9	129.6	0.7	43.8	4.7	2.22
6_2md132	129.6	129.9	0.3	38.7	-5.1	1.29
6_2md133	129.9	130.2	0.3	44.1	5.5	1.87
6_2md134	130.2	130.4	0.2	48.9	4.7	0
6_2md135	130.4	131	0.6	38.5	-10.4	1.94
6_2md136	131	131.3	0.3	34.9	-3.6	0.68
6_2md137	131.3	131.5	0.2	48.9	14.0	0
6_2md138	131.5	131.7	0.2	45.7	-3.1	0
6_2md139	131.7	132	0.3	47.1	1.4	0.17
6_2md140	132	132.7	0.7	42.7	-4.4	1.39
6_2md141	132.7	132.9	0.2	39.9	-2.7	0
6_2md142	132.9	133.4	0.5	42.5	2.6	1.09
6_2md143	133.4	134.6	1.2	39.5	-3.0	1.4
6_2md144	134.6	134.9	0.3	42.0	2.5	1.01
6_2md145	134.9	135.1	0.2	40.9	-1.1	0
6_2md146	135.1	136.6	1.5	45.1	4.2	3.29
6_2md147	136.6	136.8	0.2	46.7	1.6	0
6_2md148	136.8	137	0.2	40.7	-6.0	0
6_2md149	137	137.8	0.8	43.0	2.4	2.73
6_2md150	137.8	138.1	0.3	50.4	7.4	2.06
6_2md151	138.1	139.1	1	44.3	-6.2	1.35
6_2md152	139.1	139.8	0.7	39.4	-4.9	0.79
6_2md153	139.8	140.2	0.4	47.1	7.7	3.37
6_2md154	140.2	140.4	0.2	41.9	-5.2	0
6_2md155	140.4	140.8	0.4	52.4	10.5	2.43
6_2md156	140.8	141.2	0.4	40.9	-11.5	2.08
6_2md157	141.2	142.3	1.1	52.9	12.0	3.35
6_2md158	142.3	142.9	0.6	49.8	-3.1	3.31
6_2md159	142.9	143.3	0.4	45.2	-4.6	1.11
6_2md160	143.3	143.7	0.4	53.0	7.8	3.56
6_2md161	143.7	144.3	0.6	42.4	-10.5	2.38
6_2md162	144.3	144.6	0.3	48.6	6.2	2.61
7md1	0	1.4	1.4	38.4		1.93
7md2	1.4	1.8	0.4	36.8	-1.6	0.7
7md3	1.8	2.4	0.6	43.3	6.5	1.7
7md4	2.4	3	0.6	38.6	-4.7	1.56
7md5	3	4.1	1.1	35.6	-3.0	0.9
7md6	4.1	4.3	0.2	42.2	6.6	0
7md7	4.3	4.5	0.2	38.1	-4.1	0
7md8	4.5	8.9	4.4	35.2	-2.9	0.99
7md9	8.9	9.2	0.3	37.5	2.4	0.35
7md10	9.2	9.4	0.2	35.5	-2.0	0
7md11	9.4	9.7	0.3	38.5	3.0	0.71
7md12	9.7	11.1	1.4	36.2	-2.3	0.97
7md13	11.1	11.5	0.4	38.5	2.3	1.34
7md14	11.5	11.7	0.2	36.8	-1.7	0
7md15	11.7	11.9	0.2	38.2	1.4	0
7md16	11.9	13.9	2	35.5	-2.7	0.8
7md17	13.9	14.5	0.6	38.1	2.6	1.32
7md18	14.5	15.6	1.1	34.8	-3.3	1.06
7md19	15.6	15.6	0	0.0	-34.8	0
7md20	15.7	18.6	2.9	34.7	34.7	1.05
7md21	18.6	20.1	1.5	38.3	3.6	1.82
7md22	20.1	20.9	0.8	36.6	-1.7	1.57

7md23	20.9	21.7	0.8	39.2	2.6	1.57
7md24	21.7	21.9	0.2	41.1	1.9	0
7md25	21.9	25.2	3.3	38.0	-3.1	1.11
7md26	25.2	26.5	1.3	36.4	-1.7	0.79
7md27	26.5	26.7	0.2	37.4	1.1	0
7md28	26.7	26.9	0.2	35.9	-1.5	0
7md29	26.9	28.9	2	37.7	1.8	0.86
7md30	28.9	30.8	1.9	35.7	-2.0	0.56
7md31	30.8	31.4	0.6	37.2	1.5	0.24
7md32	31.4	32	0.6	36.1	-1.1	0.94
7md33	32	32.2	0.2	37.5	1.4	0
7md34	32.2	42.5	10.3	35.4	-2.1	0.95
7md35	42.5	45.4	2.9	0.0		0
7md36	45.4	45.7	0.3	37.1		1.82
7md37	45.7	45.9	0.2	37.7	0.7	0
7md38	45.9	49.3	3.4	35.8	-2.0	0.7
7md39	49.3	49.6	0.3	37.7	1.9	0.73
7md40	49.6	52.1	2.5	35.9	-1.8	0.87
7md41	52.1	52.4	0.3	37.6	1.8	0.23
7md42	52.4	52.7	0.3	36.0	-1.6	0.3
7md43	52.7	53.5	0.8	37.7	1.7	0.57
7md44	53.5	57.8	4.3	35.4	-2.3	0.89
7md45	57.8	58.5	0.7	37.7	2.3	0.63
7md46	58.5	58.7	0.2	35.6	-2.1	0
7md47	58.7	59.3	0.6	37.7	2.1	0.29
7md48	59.3	59.6	0.3	35.5	-2.1	0.7
7md49	59.6	60.5	0.9	37.9	2.3	1.35
7md50	60.5	61	0.5	36.8	-1.1	0.99
7md51	61	61.4	0.4	37.8	1.0	0.97
7md52	61.4	61.8	0.4	36.1	-1.7	0.52
7md53	61.8	63.1	1.3	37.7	1.6	1.05
7md54	63.1	63.7	0.6	37.0	-0.7	1.03
7md55	63.7	64.5	0.8	39.4	2.5	1.2
7md56	64.5	64.7	0.2	41.8	2.3	0
7md57	64.7	65.7	1	37.8	-3.9	0.61
7md58	65.7	66.1	0.4	36.1	-1.7	0.59
7md59	66.1	66.3	0.2	37.4	1.3	0
7md60	66.3	69.1	2.8	35.2	-2.2	0.85
7md61	69.1	69.3	0.2	38.1	2.9	0
7md62	69.3	69.5	0.2	36.0	-2.0	0
7md63	69.5	70.3	0.8	37.8	1.7	0.88
7md64	70.3	70.5	0.2	35.5	-2.3	0
7md65	70.5	70.9	0.4	37.9	2.4	0.77
7md66	70.9	73.7	2.8	36.2	-1.6	0.87
7md67	73.7	73.9	0.2	37.8	1.6	0
7md68	73.9	74.1	0.2	36.0	-1.8	0
7md69	74.1	75.7	1.6	38.6	2.6	1.06
7md70	75.7	75.9	0.2	35.8	-2.8	0
7md71	75.9	78.8	2.9	38.4	2.5	1.18
7md72	78.8	79.1	0.3	35.3	-3.1	1.31
7md73	79.1	79.8	0.7	37.7	2.4	0.37
7md74	79.8	80.7	0.9	36.1	-1.6	0.76
7md75	80.7	81.2	0.5	36.3	0.2	1.09
7md76	81.2	82.2	1	38.1	1.8	1.08
7md77	82.2	82.6	0.4	35.8	-2.3	0.56
7md78	82.6	82.9	0.3	37.5	1.7	0.34

7md79	82.9	83.9	1	36.2	-1.2	0.41
7md80	83.9	84.3	0.4	37.3	1.1	0.12
7md81	84.3	94.2	9.9	34.9	-2.4	1.14
7md82	94.2	94.4	0.2	37.4	2.4	0
7md83	94.4	97.6	3.2	35.8	-1.6	0.95
7md84	97.6	98.4	0.8	38.0	2.2	1.43
7md85	98.4	98.6	0.2	36.3	-1.7	0
7md86	98.6	99.4	0.8	37.2	1.0	0.91
7md87	99.4	101.5	2.1	36.6	-0.7	0.81
7md88	101.5	101.7	0.2	37.5	1.0	0
7md89	101.7	103.7	2	35.8	-1.7	0.86
7md90	103.7	104.6	0.9	37.5	1.7	0.82
7md91	104.6	137.1	32.5	34.6	-2.9	1.12
7md92	137.1	137.3	0.2	37.5	2.9	0
7md93	137.3	139.4	2.1	36.0	-1.4	1.04
7md94	139.4	139.6	0.2	38.0	2.0	0
7md95	139.6	148.3	8.7	34.7	-3.3	1.19
7md96	148.3	148.3	0	0.0	-34.7	0
7md97	148.4	155.1	6.7	34.5	34.5	1.07
7md98	155.1	155.3	0.2	37.6	3.0	0
7md99	155.3	163.9	8.6	34.5	-3.1	0.84
7md100	163.9	164.8	0.9	38.1	3.6	1.24
7md101	164.8	165	0.2	36.0	-2.1	0
7md102	165	165.4	0.4	38.0	2.1	0.98
7md103	165.4	166.6	1.2	36.0	-2.0	1.07
7md104	166.6	167.5	0.9	37.8	1.8	0.58
7md105	167.5	168.1	0.6	36.2	-1.6	0.76
7md106	168.1	169.7	1.6	38.4	2.2	0.92
7md107	169.7	169.9	0.2	36.3	-2.1	0
7md108	169.9	170.7	0.8	38.2	1.9	0.95
7md109	170.7	170.9	0.2	35.9	-2.2	0
7md110	170.9	171.2	0.3	37.4	1.4	0.37
7md111	171.2	171.4	0.2	35.6	-1.8	0
7md112	171.4	173	1.6	38.0	2.3	0.78
7md113	173	173.2	0.2	48.5	10.6	0
7md114	173.2	175	1.8	42.6	-5.9	2.33
7md115	175	177.9	2.9	38.6	-4.0	1.49
7md116	177.9	181.2	3.3	35.3	-3.3	1.2
7md117	181.2	181.4	0.2	37.4	2.1	0
7md118	181.4	186.8	5.4	35.5	-1.9	1.22
7md119	186.8	187.3	0.5	37.6	2.1	0.85
7md120	187.3	187.6	0.3	36.5	-1.0	0.27
7md121	187.6	188.5	0.9	37.7	1.2	0.47
7md122	188.5	189.2	0.7	36.3	-1.4	0.77
7md123	189.2	189.8	0.6	38.1	1.8	1.12
7md124	189.8	190	0.2	41.6	3.5	0
7md125	190	190.2	0.2	38.8	-2.8	0
7md126	190.2	191.4	1.2	34.8	-4.0	1.26
7md127	191.4	192	0.6	37.9	3.1	0.33
7md128	192	192.3	0.3	36.6	-1.2	0.3
7md129	192.3	192.5	0.2	37.5	0.9	0
7md130	192.5	193.7	1.2	36.1	-1.3	0.81
7md131	193.7	195	1.3	37.8	1.7	1.29
7md132	195	195.3	0.3	42.5	4.7	1.1
7md133	195.3	196.1	0.8	39.2	-3.3	1.24
7md134	196.1	196.4	0.3	36.5	-2.7	0.19

7md135	196.4	196.7	0.3	37.3	0.8	0.26
7md136	196.7	199.2	2.5	36.2	-1.1	0.82
7md137	199.2	199.4	0.2	37.4	1.2	0
7md138	199.4	200	0.6	36.7	-0.7	0.51
7md139	200	200.9	0.9	39.4	2.7	2.23
7md140	200.9	201.1	0.2	35.9	-3.5	0
7md141	201.1	204.4	3.3	38.5	2.5	1.03
7md142	204.4	204.7	0.3	35.8	-2.7	0.5
7md143	204.7	206.3	1.6	39.4	3.7	1.3
7md144	206.3	206.8	0.5	42.2	2.8	0.58
7md145	206.8	210.3	3.5	38.9	-3.3	1.32
7md146	210.3	215.5	5.2	35.4	-3.5	1.07
7md147	215.5	217.2	1.7	37.9	2.5	1.23
7md148	217.2	217.7	0.5	35.9	-2.0	0.91
7md149	217.7	218.9	1.2	38.3	2.4	1.67
7md150	218.9	219.1	0.2	36.2	-2.1	0
7md151	219.1	220	0.9	38.1	1.8	0.81
7md152	220	221.1	1.1	36.1	-1.9	0.75
7md153	221.1	222.8	1.7	37.5	1.4	0.81
7md154	222.8	225.3	2.5	35.9	-1.6	1.07
7md155	225.3	226.2	0.9	37.6	1.7	0.87
7md156	226.2	226.8	0.6	36.8	-0.9	0.65
7md157	226.8	228.6	1.8	37.5	0.8	0.6
7md158	228.6	229.7	1.1	35.4	-2.1	0.69
7md159	229.7	231.8	2.1	39.6	4.2	1.18
7md160	231.8	232.3	0.5	42.0	2.4	1.61
7md161	232.3	235.7	3.4	38.5	-3.5	1.31
7md162	235.7	241.5	5.8	34.9	-3.6	0.95
7md163	241.5	242.1	0.6	38.5	3.6	1.19
7md164	242.1	242.3	0.2	44.2	5.7	0
7md165	242.3	242.5	0.2	49.8	5.7	0
7md166	242.5	243.4	0.9	43.0	-6.9	2.23
7md167	243.4	243.7	0.3	36.6	-6.4	0.39
7md168	243.7	244.7	1	39.2	2.6	0.55
7md169	244.7	245.4	0.7	42.7	3.5	1.15
7md170	245.4	245.8	0.4	39.7	-3.0	1.3
7md171	245.8	246	0.2	42.3	2.6	0
7md172	246	246.9	0.9	40.2	-2.1	0.68
7md173	246.9	247.6	0.7	36.4	-3.8	0.86
7md174	247.6	248.3	0.7	38.9	2.5	1.58
7md175	248.3	248.5	0.2	36.3	-2.6	0
7md176	248.5	250.6	2.1	38.9	2.6	1.13
7md177	250.6	250.9	0.3	50.1	11.2	5.48
7md178	250.9	251.2	0.3	44.8	-5.3	1.69
7md179	251.2	252.5	1.3	48.5	3.7	3.68
7md180	252.5	253.2	0.7	44.0	-4.5	1.82
7md181	253.2	254.4	1.2	48.7	4.7	3.5
7md182	254.4	254.6	0.2	42.5	-6.2	0
7md183	254.6	255.1	0.5	39.8	-2.7	1.02
7md184	255.1	255.3	0.2	36.4	-3.3	0
7md185	255.3	256	0.7	39.5	3.1	2.88
7md186	256	256.2	0.2	35.5	-4.0	0
7md187	256.2	256.6	0.4	38.8	3.3	1.16
7md188	256.6	257.2	0.6	41.6	2.9	1.4
7md189	257.2	257.4	0.2	47.6	6.0	0
7md190	257.4	257.7	0.3	43.3	-4.3	1.29

7md191	257.7	257.9	0.2	39.7	-3.6	0
7md192	257.9	258.1	0.2	41.2	1.5	0
7md193	258.1	258.5	0.4	40.7	-0.5	2.1
7md194	258.5	258.8	0.3	47.5	6.7	1.03
7md195	258.8	259.2	0.4	43.3	-4.2	1.09
7md196	259.2	260	0.8	39.3	-4.0	0.86
7md197	260	260.6	0.6	51.6	12.4	5.62
7md198	260.6	260.9	0.3	42.8	-8.8	0.63
8_1md1	0	3	3	65.0		0
8_1md2	3	3.6	0.6	44.1		2.99
8_1md3	3.6	4.9	1.3	38.7	-5.4	1.26
8_1md4	4.9	5.3	0.4	42.9	4.2	0.77
8_1md5	5.3	7.1	1.8	38.8	-4.1	1.48
8_1md6	7.1	7.4	0.3	43.9	5.1	0.78
8_1md7	7.4	8.4	1	48.2	4.3	3.24
8_1md8	8.4	9.6	1.2	43.1	-5.1	1.89
8_1md9	9.6	10.5	0.9	48.3	5.2	4.12
8_1md10	10.5	10.7	0.2	45.1	-3.1	0
8_1md11	10.7	11.2	0.5	48.1	3.0	1.68
8_1md12	11.2	11.6	0.4	42.2	-5.9	1.47
8_1md13	11.6	12.1	0.5	52.9	10.7	1.5
8_1md14	12.1	13.3	1.2	49.7	-3.2	3.79
8_1md15	13.3	13.7	0.4	55.3	5.6	2.2
8_1md16	13.7	14.1	0.4	41.7	-13.6	2.67
8_1md17	14.1	14.9	0.8	48.5	6.8	5.17
8_1md18	14.9	15.1	0.2	54.6	6.1	0
8_1md19	15.1	15.3	0.2	43.7	-11.0	0
8_1md20	15.3	15.7	0.4	48.5	4.8	3.08
8_1md21	15.7	16.1	0.4	43.7	-4.8	1.29
8_1md22	16.1	17.9	1.8	50.2	6.5	3.2
8_1md23	17.9	18.5	0.6	34.7	-15.5	0.46
8_1md24	18.5	18.8	0.3	38.3	3.6	1.17
8_1md25	18.8	21.6	2.8	35.2	-3.1	0.6
8_1md26	21.6	21.8	0.2	37.2	2.0	0
8_1md27	21.8	22.2	0.4	35.7	-1.5	1.38
8_1md28	22.2	22.4	0.2	39.3	3.6	0
8_1md29	22.4	22.9	0.5	37.9	-1.4	0.76
8_1md30	22.9	23.1	0.2	36.3	-1.6	0
8_1md31	23.1	23.4	0.3	39.1	2.7	1
8_1md32	23.4	24	0.6	35.9	-3.2	0.65
8_1md33	24	24.2	0.2	37.7	1.8	0
8_1md34	24.2	25.8	1.6	36.0	-1.7	0.47
8_1md35	25.8	26	0.2	37.5	1.5	0
8_1md36	26	26.2	0.2	36.4	-1.0	0
8_1md37	26.2	27.6	1.4	38.3	1.8	1.29
8_1md38	27.6	27.8	0.2	36.5	-1.8	0
8_1md39	27.8	29.9	2.1	39.0	2.5	2.65
8_1md40	29.9	31	1.1	36.3	-2.7	1.03
8_1md41	31	31.4	0.4	39.4	3.1	0.61
8_1md42	31.4	31.9	0.5	35.8	-3.6	0.62
8_1md43	31.9	32.8	0.9	38.8	3.0	1.16
8_1md44	32.8	33.2	0.4	37.0	-1.7	0.49
8_1md45	33.2	33.7	0.5	37.8	0.8	0.76
8_1md46	33.7	34	0.3	36.1	-1.7	0.47
8_1md47	34	35.3	1.3	38.5	2.4	1.48

8_1md48	35.3	35.5	0.2	36.3	-2.2	0
8_1md49	35.5	36.3	0.8	42.5	6.2	2.81
8_1md50	36.3	37.7	1.4	38.1	-4.4	0.77
8_1md51	37.7	37.9	0.2	35.9	-2.2	0
8_1md52	37.9	38.1	0.2	38.9	3.0	0
8_1md53	38.1	38.3	0.2	36.7	-2.2	0
8_1md54	38.3	38.5	0.2	38.0	1.3	0
8_1md55	38.5	38.8	0.3	36.1	-1.8	0.97
8_1md56	38.8	40.1	1.3	37.5	1.4	1.03
8_1md57	40.1	44.2	4.1	35.0	-2.5	0.87
8_1md58	44.2	45.4	1.2	38.3	3.3	0.89
8_1md59	45.4	45.6	0.2	35.9	-2.4	0
8_1md60	45.6	46.7	1.1	38.0	2.0	1.27
8_1md61	46.7	49.1	2.4	35.2	-2.8	0.62
8_1md62	49.1	49.6	0.5	38.6	3.4	1.16
8_1md63	49.6	50.8	1.2	36.2	-2.4	0.74
8_1md64	50.8	51.2	0.4	37.3	1.1	0.58
8_1md65	51.2	53.2	2	36.1	-1.2	1.03
8_1md66	53.2	53.5	0.3	37.6	1.5	0.44
8_1md67	53.5	60.6	7.1	35.0	-2.5	0.96
8_1md68	60.6	60.8	0.2	37.7	2.6	0
8_1md69	60.8	61.2	0.4	35.8	-1.8	1.14
8_1md70	61.2	61.8	0.6	38.3	2.4	0.81
8_1md71	61.8	62	0.2	36.3	-2.0	0
8_1md72	62	62.7	0.7	39.7	3.4	3.14
8_1md73	62.7	63.3	0.6	35.7	-4.0	0.64
8_1md74	63.3	63.6	0.3	40.4	4.7	1.16
8_1md75	63.6	63.8	0.2	42.9	2.5	0
8_1md76	63.8	64	0.2	40.3	-2.6	0
8_1md77	64	64.6	0.6	44.7	4.4	1.39
8_1md78	64.6	65.1	0.5	47.9	3.2	1.97
8_1md79	65.1	65.5	0.4	42.1	-5.8	0.75
8_1md80	65.5	66.3	0.8	38.1	-4.0	0.96
8_1md81	66.3	68.2	1.9	35.8	-2.3	0.78
8_1md82	68.2	74.6	6.4	39.1	3.3	1.52
8_1md83	74.6	75	0.4	36.6	-2.5	0.44
8_1md84	75	76.9	1.9	38.7	2.1	1.33
8_1md85	76.9	77.4	0.5	37.0	-1.7	0.47
8_1md86	77.4	79.2	1.8	37.8	0.8	1.11
8_1md87	79.2	79.4	0.2	36.3	-1.5	0
8_1md88	79.4	79.8	0.4	38.8	2.5	0.44
8_1md89	79.8	80.1	0.3	35.7	-3.1	0.54
8_1md90	80.1	80.3	0.2	37.3	1.6	0
8_1md91	80.3	80.7	0.4	36.1	-1.2	0.62
8_1md92	80.7	83.9	3.2	38.9	2.7	1.08
8_1md93	83.9	84.6	0.7	42.4	3.5	0.96
8_1md94	84.6	85	0.4	40.9	-1.5	0.85
8_1md95	85	85.7	0.7	40.6	-0.3	1.09
8_1md96	85.7	87.8	2.1	42.3	1.7	1.52
8_1md97	87.8	89.9	2.1	38.9	-3.4	1.11
8_1md98	89.9	90.4	0.5	44.4	5.5	1.81
8_1md99	90.4	90.7	0.3	38.7	-5.6	0.2
8_1md100	90.7	93	2.3	43.4	4.7	1.69
8_1md101	93	93.3	0.3	36.7	-6.8	1.5
8_1md102	93.3	103.7	10.4	35.1	-1.6	1.19
8_1md103	103.7	103.9	0.2	37.2	2.2	0

8_1md104	103.9	104.4	0.5	36.7	-0.5	0.57
8_1md105	104.4	104.9	0.5	39.5	2.7	0.4
8_1md106	104.9	105.5	0.6	36.8	-2.6	0.13
8_1md107	105.5	105.8	0.3	37.8	1.0	0.24
8_1md108	105.8	106.3	0.5	36.2	-1.6	0.59
8_1md109	106.3	106.5	0.2	37.4	1.2	0
8_1md110	106.5	107	0.5	36.3	-1.1	0.55
8_1md111	107	107.9	0.9	39.6	3.4	1.23
8_1md112	107.9	108.5	0.6	43.3	3.6	1.85
8_1md113	108.5	109.1	0.6	38.9	-4.4	1.66
8_1md114	109.1	109.3	0.2	35.0	-3.9	0
8_1md115	109.3	109.7	0.4	37.5	2.5	0.11
8_1md116	109.7	111.1	1.4	36.4	-1.1	0.81
8_1md117	111.1	112	0.9	38.4	2.0	1.51
8_1md118	112	112.2	0.2	35.8	-2.7	0
8_1md119	112.2	114.9	2.7	37.8	2.0	0.66
8_1md120	114.9	115.2	0.3	36.4	-1.3	0.44
8_1md121	115.2	117	1.8	39.0	2.5	1.29
8_1md122	117	117.2	0.2	36.1	-2.9	0
8_1md123	117.2	117.9	0.7	38.5	2.5	1.77
8_1md124	117.9	118.3	0.4	36.3	-2.2	0.49
8_1md125	118.3	118.9	0.6	38.5	2.2	1.98
8_1md126	118.9	119.1	0.2	35.9	-2.6	0
8_1md127	119.1	121.8	2.7	38.4	2.5	1.1
8_1md128	121.8	122	0.2	35.5	-2.9	0
8_1md129	122	122.2	0.2	38.6	3.1	0
8_1md130	122.2	125.1	2.9	35.5	-3.2	0.86
8_1md131	125.1	125.3	0.2	37.2	1.7	0
8_1md132	125.3	125.9	0.6	36.3	-0.9	0.44
8_1md133	125.9	126.1	0.2	37.9	1.7	0
8_1md134	126.1	126.8	0.7	35.8	-2.2	1.28
8_1md135	126.8	127.9	1.1	37.8	2.0	1.31
8_1md136	127.9	128.7	0.8	36.2	-1.6	0.54
8_1md137	128.7	129.6	0.9	37.9	1.7	1.19
8_1md138	129.6	129.8	0.2	35.1	-2.8	0
8_1md139	129.8	130.5	0.7	38.1	3.0	1.07
8_1md140	130.5	134.4	3.9	35.1	-3.0	0.86
8_1md141	134.4	135.2	0.8	38.0	2.8	1.09
8_1md142	135.2	135.4	0.2	35.0	-3.0	0
8_1md143	135.4	135.8	0.4	38.4	3.5	0.85
8_1md144	135.8	136.2	0.4	35.6	-2.9	1.66
8_1md145	136.2	136.4	0.2	37.3	1.7	0
8_1md146	136.4	136.7	0.3	36.9	-0.4	0.15
8_1md147	136.7	137.7	1	38.1	1.2	0.91
8_1md148	137.7	138.3	0.6	36.7	-1.4	0.9
8_1md149	138.3	139.7	1.4	37.6	0.9	0.86
8_1md150	139.7	152.5	12.8	34.6	-3.0	0.99
8_1md151	152.5	152.7	0.2	37.7	3.1	0
8_1md152	152.7	156	3.3	35.9	-1.8	0.99
8_1md153	156	156.3	0.3	38.6	2.8	0.51
8_1md154	156.3	156.8	0.5	35.1	-3.5	1.18
8_1md155	156.8	157.4	0.6	38.7	3.5	1.2
8_2md1	0	0.3	0.3	39.0		1.75
8_2md2	0.3	0.5	0.2	36.4	-2.6	0
8_2md3	0.5	1.3	0.8	37.5	1.0	0.57

8_2md4	1.3	2	0.7	35.9	-1.6	1.23
8_2md5	2	2.6	0.6	37.4	1.5	0.79
8_2md6	2.6	8.7	6.1	35.0	-2.4	0.9
8_2md7	8.7	9	0.3	37.7	2.7	0.25
8_2md8	9	29.3	20.3	35.5	-2.2	1.03
8_2md9	29.3	29.6	0.3	37.6	2.1	0.29
8_2md10	29.6	29.8	0.2	36.4	-1.2	0
8_2md11	29.8	30	0.2	39.1	2.7	0
8_2md12	30	30.4	0.4	37.0	-2.2	0.65
8_2md13	30.4	30.6	0.2	41.7	4.7	0
8_2md14	30.6	30.8	0.2	39.9	-1.8	0
8_2md15	30.8	31	0.2	42.4	2.5	0
8_2md16	31	31.2	0.2	38.6	-3.8	0
8_2md17	31.2	31.5	0.3	45.4	6.8	3.54
8_2md18	31.5	32.2	0.7	38.8	-6.6	2.2
8_2md19	32.2	32.4	0.2	41.9	3.1	0
8_2md20	32.4	32.9	0.5	37.6	-4.3	1.2
8_2md21	32.9	33.1	0.2	42.9	5.2	0
8_2md22	33.1	33.7	0.6	38.6	-4.2	0.81
8_2md23	33.7	33.9	0.2	35.0	-3.7	0
8_2md24	33.9	35.9	2	39.5	4.6	0.95
8_2md25	35.9	36.3	0.4	35.1	-4.4	0.89
8_2md26	36.3	36.6	0.3	37.7	2.6	0.66
8_2md27	36.6	37.1	0.5	36.2	-1.5	0.63
8_2md28	37.1	38.6	1.5	38.4	2.1	1.26
8_2md29	38.6	38.8	0.2	41.5	3.1	0
8_2md30	38.8	39.2	0.4	35.6	-5.9	0.61
8_2md31	39.2	39.5	0.3	40.0	4.4	0.67
8_2md32	39.5	42.1	2.6	35.6	-4.4	0.71
8_2md33	42.1	43	0.9	37.8	2.2	1.11
8_2md34	43	43.2	0.2	36.0	-1.8	0
8_2md35	43.2	43.5	0.3	38.2	2.2	0.42
8_2md36	43.5	43.7	0.2	36.5	-1.7	0
8_2md37	43.7	43.9	0.2	37.8	1.3	0
8_2md38	43.9	44.2	0.3	36.2	-1.6	0.29
8_2md39	44.2	45.7	1.5	39.0	2.8	1.52
8_2md40	45.7	46.1	0.4	36.6	-2.4	0.26
8_2md41	46.1	46.9	0.8	38.1	1.5	0.76
8_2md42	46.9	47.2	0.3	36.4	-1.7	0.51
8_2md43	47.2	49.3	2.1	38.5	2.1	1.22
8_2md44	49.3	49.9	0.6	36.1	-2.4	0.59
8_2md45	49.9	50.2	0.3	38.0	1.9	1.27
8_2md46	50.2	55.1	4.9	35.0	-3.0	1.02
8_2md47	55.1	55.5	0.4	37.9	2.9	0.56
8_2md48	55.5	55.7	0.2	35.7	-2.2	0
8_2md49	55.7	56.1	0.4	38.3	2.5	0.45
8_2md50	56.1	56.9	0.8	42.3	4.0	1.53
8_2md51	56.9	58.1	1.2	39.2	-3.1	1.33
8_2md52	58.1	58.4	0.3	47.9	8.7	1.4
8_2md53	58.4	58.8	0.4	42.3	-5.6	2.16
8_2md54	58.8	59.7	0.9	38.3	-4.0	1.12
8_2md55	59.7	60.2	0.5	35.0	-3.3	1.25
8_2md56	60.2	60.4	0.2	38.5	3.5	0
8_2md57	60.4	61	0.6	36.8	-1.7	0.61
8_2md58	61	61.2	0.2	37.5	0.7	0
8_2md59	61.2	63	1.8	35.7	-1.8	0.65

8_2md60	63	65.4	2.4	38.0	2.3	1.52
8_2md61	65.4	65.9	0.5	36.3	-1.6	0.72
8_2md62	65.9	66.3	0.4	38.2	1.8	0.81
8_2md63	66.3	66.5	0.2	34.9	-3.2	0
8_2md64	66.5	67.1	0.6	38.6	3.7	1.99
8_2md65	67.1	68.5	1.4	36.3	-2.4	0.53
8_2md66	68.5	68.7	0.2	37.7	1.4	0
8_2md67	68.7	70.3	1.6	35.7	-2.0	0.84
8_2md68	70.3	70.5	0.2	37.5	1.8	0
8_2md69	70.5	70.9	0.4	36.1	-1.4	0.36
8_2md70	70.9	71.1	0.2	37.6	1.5	0
8_2md71	71.1	71.3	0.2	35.4	-2.3	0
8_2md72	71.3	71.7	0.4	37.1	1.8	0.38
8_2md73	71.7	71.9	0.2	35.8	-1.4	0
8_2md74	71.9	72.2	0.3	37.9	2.1	0.24
8_2md75	72.2	74.9	2.7	35.2	-2.7	0.81
8_2md76	74.9	75.1	0.2	37.4	2.1	0
8_2md77	75.1	75.3	0.2	36.4	-1.0	0
8_2md78	75.3	75.5	0.2	37.1	0.7	0
8_2md79	75.5	79.5	4	35.3	-1.8	0.91
8_2md80	79.5	80.2	0.7	37.6	2.3	0.98
8_2md81	80.2	80.4	0.2	35.8	-1.8	0
8_2md82	80.4	80.6	0.2	38.6	2.8	0
8_2md83	80.6	81.3	0.7	34.9	-3.7	1.27
8_2md84	81.3	82.6	1.3	37.5	2.5	0.4
8_2md85	82.6	83.5	0.9	37.0	-0.5	0.87
8_2md86	83.5	83.9	0.4	39.3	2.3	2.25
8_2md87	83.9	84.1	0.2	36.7	-2.6	0
8_2md88	84.1	84.4	0.3	38.4	1.7	1.54
8_2md89	84.4	84.6	0.2	36.5	-1.9	0
8_2md90	84.6	87.3	2.7	38.7	2.3	1.22
8_2md91	87.3	87.8	0.5	35.4	-3.3	0.77
8_2md92	87.8	88.3	0.5	37.5	2.1	0.85
8_2md93	88.3	88.8	0.5	36.9	-0.6	1.4
8_2md94	88.8	89.2	0.4	38.0	1.1	0.71
8_2md95	89.2	90.3	1.1	36.0	-2.0	0.52
8_2md96	90.3	90.5	0.2	37.7	1.8	0
8_2md97	90.5	90.7	0.2	36.4	-1.3	0
8_2md98	90.7	92.9	2.2	37.8	1.4	1.07
8_2md99	92.9	93.1	0.2	35.6	-2.3	0
8_2md100	93.1	94.8	1.7	37.5	1.9	1.69
8_2md101	94.8	99.1	4.3	35.6	-1.8	0.94
8_2md102	99.1	100.2	1.1	37.8	2.1	0.32
8_2md103	100.2	101.4	1.2	36.1	-1.7	1.01
8_2md104	101.4	102.3	0.9	37.9	1.8	0.75
8_2md105	102.3	103	0.7	37.0	-1.0	1.14
8_2md106	103	103.5	0.5	37.8	0.8	1.36
8_2md107	103.5	105.1	1.6	35.6	-2.1	0.85
8_2md108	105.1	105.8	0.7	38.3	2.7	0.57
8_2md109	105.8	106	0.2	35.5	-2.8	0
8_2md110	106	106.9	0.9	38.1	2.6	0.76
8_2md111	106.9	107.1	0.2	36.5	-1.6	0
8_2md112	107.1	107.9	0.8	38.6	2.1	1.36
8_2md113	107.9	108.1	0.2	36.7	-1.9	0
8_2md114	108.1	109.5	1.4	39.5	2.8	1.28
8_2md115	109.5	110	0.5	36.3	-3.2	0.59

8_2md116	110	110.2	0.2	38.6	2.3	0
8_2md117	110.2	110.4	0.2	36.8	-1.7	0
8_2md118	110.4	111	0.6	38.0	1.2	0.5
8_2md119	111	111.3	0.3	36.2	-1.8	0.79
8_2md120	111.3	118	6.7	39.2	3.1	1.65
8_2md121	118	118.3	0.3	43.5	4.2	0.55
8_2md122	118.3	118.6	0.3	37.8	-5.7	1.67
8_2md123	118.6	119.2	0.6	42.5	4.7	1.83
8_2md124	119.2	119.7	0.5	39.4	-3.0	1.03
8_2md125	119.7	119.9	0.2	43.6	4.1	0
8_2md126	119.9	120.4	0.5	36.1	-7.5	0.62
8_2md127	120.4	121	0.6	38.2	2.1	0.95
8_2md128	121	121.2	0.2	36.4	-1.7	0
8_2md129	121.2	121.6	0.4	38.1	1.7	0.54
8_2md130	121.6	122.6	1	36.6	-1.5	0.64
8_2md131	122.6	123.6	1	38.6	2.0	1.53
8_2md132	123.6	125.6	2	36.2	-2.5	0.89
8_2md133	125.6	126.1	0.5	38.6	2.4	0.86
8_2md134	126.1	127.1	1	42.9	4.3	2.67
8_2md135	127.1	128.3	1.2	39.2	-3.6	0.87
8_2md136	128.3	128.7	0.4	40.5	1.3	2.66
8_2md137	128.7	131.2	2.5	38.9	-1.6	1.12
8_2md138	131.2	131.5	0.3	35.4	-3.6	0.77
8_2md139	131.5	131.9	0.4	38.3	2.9	0.37
8_2md140	131.9	132.1	0.2	36.6	-1.7	0
8_2md141	132.1	134.3	2.2	39.0	2.4	1.57
8_2md142	134.3	134.5	0.2	41.9	2.9	0
8_2md143	134.5	134.8	0.3	47.5	5.6	0.89
8_2md144	134.8	135.4	0.6	44.2	-3.3	2.61
8_2md145	135.4	135.6	0.2	39.4	-4.8	0
8_2md146	135.6	135.8	0.2	47.3	7.9	0
8_2md147	135.8	136.4	0.6	42.1	-5.2	2.13
8_2md148	136.4	136.6	0.2	48.9	6.7	0
8_2md149	136.6	136.8	0.2	44.5	-4.4	0
8_2md150	136.8	137.4	0.6	46.7	2.2	2.38
8_2md151	137.4	139	1.6	43.9	-2.8	1.01
8_2md152	139	139.3	0.3	46.8	2.9	2.37
8_2md153	139.3	139.5	0.2	40.4	-6.4	0
8_2md154	139.5	139.7	0.2	42.2	1.8	0
8_2md155	139.7	139.9	0.2	40.9	-1.3	0
8_2md156	139.9	140.4	0.5	47.1	6.2	1.26
8_2md157	140.4	140.7	0.3	44.4	-2.7	0.64
8_2md158	140.7	141.1	0.4	48.3	3.8	1.67
8_2md159	141.1	142.3	1.2	44.2	-4.1	3.05
8_2md160	142.3	142.7	0.4	39.7	-4.5	0.71
8_2md161	142.7	143.9	1.2	43.9	4.1	2.61
8_2md162	143.9	144.2	0.3	48.5	4.7	1.4
8_2md163	144.2	145.2	1	41.5	-7.1	1.7
8_2md164	145.2	145.7	0.5	39.9	-1.5	1.61
8_2md165	145.7	146.2	0.5	36.5	-3.5	0.76
8_2md166	146.2	147.2	1	38.3	1.9	1.91
8_2md167	147.2	149.7	2.5	43.7	5.4	2.13
8_2md168	149.7	150.7	1	38.9	-4.8	1.32
8_2md169	150.7	150.9	0.2	42.6	3.7	0
8_2md170	150.9	152.5	1.6	38.8	-3.8	1.28
8_2md171	152.5	153.1	0.6	48.2	9.4	4.12

8_2md172	153.1	153.6	0.5	42.7	-5.5	1.15
8_2md173	153.6	154.1	0.5	49.5	6.8	2.69
8_2md174	154.1	154.4	0.3	42.1	-7.4	1.58
8_2md175	154.4	154.7	0.3	38.4	-3.7	0.86
8_2md176	154.7	155.2	0.5	44.9	6.6	4.19
Xmd1	0	3	3	36.7		0
Xmd2	3	4.1	1.1	48.0	11.3	2.89
Xmd3	4.1	4.3	0.2	39.6	-8.4	0
Xmd4	4.3	5.2	0.9	44.7	5.2	3.38
Xmd5	5.2	5.9	0.7	44.0	-0.8	2.01
Xmd6	5.9	6.2	0.3	40.5	-3.5	0.43
Xmd7	6.2	8.1	1.9	43.5	3.1	1.83
Xmd8	8.1	8.3	0.2	47.6	4.1	0
Xmd9	8.3	9.2	0.9	39.7	-7.9	1.11
Xmd10	9.2	9.7	0.5	41.9	2.2	0.93
Xmd11	9.7	9.7	0	0.0	-41.9	0
Xmd12	9.8	10.3	0.5	47.0	47.0	2.03
Xmd13	10.3	10.9	0.6	41.6	-5.4	1.15
Xmd14	10.9	11.9	1	48.1	6.5	2.07
Xmd15	11.9	12.3	0.4	40.2	-7.9	1.03
Xmd16	12.3	12.7	0.4	42.7	2.6	2.29
Xmd17	12.7	13.2	0.5	39.2	-3.6	0.6
Xmd18	13.2	13.8	0.6	44.2	5.1	2.64
Xmd19	13.8	14.3	0.5	38.5	-5.7	1.5
Xmd20	14.3	15.1	0.8	43.5	4.9	2.58
Xmd21	15.1	16.8	1.7	38.8	-4.7	1.17
Xmd22	16.8	17.3	0.5	43.1	4.3	1.19
Xmd23	17.3	18.6	1.3	38.2	-4.9	1.74
Xmd24	18.6	19.7	1.1	35.9	-2.3	0.76
Xmd25	19.7	26.1	6.4	39.3	3.4	1.65
Xmd26	26.1	26.4	0.3	44.4	5.1	2.01
Xmd27	26.4	26.6	0.2	39.3	-5.0	0
Xmd28	26.6	27.1	0.5	48.2	8.8	1.67
Xmd29	27.1	27.6	0.5	40.5	-7.6	1.69
Xmd30	27.6	27.8	0.2	42.4	1.9	0
Xmd31	27.8	28	0.2	40.8	-1.6	0
Xmd32	28	28.6	0.6	43.9	3.1	1.99
Xmd33	28.6	30.4	1.8	39.2	-4.7	0.97
Xmd34	30.4	31.1	0.7	41.7	2.5	1.2
Xmd35	31.1	31.6	0.5	48.3	6.6	2.05
Xmd36	31.6	31.9	0.3	41.4	-6.9	0.85
Xmd37	31.9	32.2	0.3	40.1	-1.3	0.45
Xmd38	32.2	32.4	0.2	41.9	1.8	0
Xmd39	32.4	32.7	0.3	38.5	-3.4	0.7
Xmd40	32.7	33	0.3	41.2	2.8	0.16
Xmd41	33	33.2	0.2	40.5	-0.7	0
Xmd42	33.2	33.4	0.2	42.3	1.8	0
Xmd43	33.4	33.7	0.3	39.3	-3.0	0.34
Xmd44	33.7	34.4	0.7	42.8	3.5	1.28
Xmd45	34.4	35.1	0.7	39.9	-2.9	1.11
Xmd46	35.1	35.3	0.2	42.7	2.8	0
Xmd47	35.3	35.6	0.3	38.7	-4.0	0.71
Xmd48	35.6	36	0.4	43.6	4.9	2.27
Xmd49	36	39	3	39.1	-4.5	1.42
Xmd50	39	39.8	0.8	42.3	3.2	1.37

Xmd51	39.8	40.2	0.4	38.9	-3.5	1.16
Xmd52	40.2	40.6	0.4	45.3	6.4	2.62
Xmd53	40.6	40.8	0.2	39.7	-5.5	0
Xmd54	40.8	42.1	1.3	42.4	2.7	1.55
Xmd55	42.1	43	0.9	40.1	-2.3	1
Xmd56	43	45.9	2.9	42.9	2.8	1.92
Xmd57	45.9	47.2	1.3	38.9	-4.0	1.64
Xmd58	47.2	48	0.8	35.7	-3.2	1.62
Xmd59	48	48.2	0.2	38.7	3.0	0
Xmd60	48.2	48.4	0.2	36.6	-2.1	0
Xmd61	48.4	49.1	0.7	38.1	1.4	0.93
Xmd62	49.1	49.8	0.7	35.8	-2.3	0.28
Xmd63	49.8	52.1	2.3	39.1	3.3	2
Xmd64	52.1	52.3	0.2	41.8	2.7	0
Xmd65	52.3	55.1	2.8	38.9	-2.9	1.88
Xmd66	55.1	55.4	0.3	37.8	-1.1	1.86
Xmd67	55.4	55.9	0.5	44.2	6.5	1.8
Xmd68	55.9	56.5	0.6	38.3	-5.9	2.25
Xmd69	56.5	57.3	0.8	42.8	4.5	1.37
Xmd70	57.3	58.6	1.3	39.0	-3.8	1.88
Xmd71	58.6	59.1	0.5	43.6	4.6	2.07
Xmd72	59.1	60	0.9	38.7	-4.9	1.06
Xmd73	60	61	1	37.0	-1.7	0.75
Xmd74	61	62.1	1.1	38.1	1.1	0.8
Xmd75	62.1	62.9	0.8	36.3	-1.8	0.28
Xmd76	62.9	63.1	0.2	37.7	1.3	0
Xmd77	63.1	63.4	0.3	36.7	-1.0	0.23
Xmd78	63.4	64	0.6	37.5	0.9	0.6
Xmd79	64	64.2	0.2	36.4	-1.1	0
Xmd80	64.2	64.8	0.6	39.1	2.7	2.15
Xmd81	64.8	65.1	0.3	43.5	4.3	1.92
Xmd82	65.1	65.3	0.2	47.6	4.2	0
Xmd83	65.3	65.7	0.4	44.1	-3.5	1.34
Xmd84	65.7	66.4	0.7	38.6	-5.5	1.93
Xmd85	66.4	68.6	2.2	42.1	3.5	1.9
Xmd86	68.6	68.9	0.3	48.6	6.5	2.08
Xmd87	68.9	69.3	0.4	45.4	-3.3	0.82
Xmd88	69.3	69.7	0.4	48.9	3.5	2.91
Xmd89	69.7	69.9	0.2	44.3	-4.6	0
Xmd90	69.9	70.1	0.2	51.4	7.1	0
Xmd91	70.1	70.5	0.4	43.4	-7.9	1.81
Xmd92	70.5	71.7	1.2	50.4	7.0	2.79
Xmd93	71.7	71.9	0.2	54.9	4.5	0
Xmd94	71.9	73.5	1.6	49.4	-5.6	4.14
Xmd95	73.5	73.7	0.2	43.5	-5.9	0
Xmd96	73.7	74	0.3	37.7	-5.8	0.34
Xmd97	74	74.2	0.2	36.8	-0.8	0
Xmd98	74.2	75.2	1	38.5	1.6	1.65
Xmd99	75.2	75.5	0.3	36.0	-2.5	0.69
Xmd100	75.5	76.2	0.7	38.3	2.3	1.3
Xmd101	76.2	77.1	0.9	36.1	-2.1	0.51
Xmd102	77.1	78.1	1	42.4	6.2	1.09
Xmd103	78.1	78.5	0.4	39.9	-2.5	0.19
Xmd104	78.5	79.4	0.9	43.7	3.8	1.65

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