



Nominal Capacitor Binary Mapping for AZT70 & AZT71

11-bit Control Word

Capacitor bank	→→→		11-bit Control Word					bit0	Decimal	AZT70 Value pF	AZT71 Value pF			
	→→→		C_{hi} (6.4pF - 19.2pF)		C_{mid} (1.4pF - 9.8pF)							C_{lo} (0.063pF - 1.953pF)		
Cap value for respective bit (pF)	bit10	bit9	bit8	bit7	bit6	bit5	bit4	bit3	bit2	bit1	bit0	Decimal	AZT70 Value pF	AZT71 Value pF
	0	0	0	0	0	0	0	0	0	0	N/A	0	2.800	6.600
	0	0	0	0	0	0	0	0	0	1	N/A	1	2.863	6.663
	0	0	0	0	0	0	0	0	1	0	N/A	2	2.926	6.726
	0	0	0	0	0	0	0	0	1	1	N/A	3	2.989	6.789
	0	0	0	0	0	0	0	1	0	0	N/A	4	3.052	6.852
	0	0	0	0	0	0	0	1	0	1	N/A	5	3.115	6.915
	0	0	0	0	0	0	0	1	1	0	N/A	6	3.178	6.978
	0	0	0	0	0	0	0	1	1	1	N/A	7	3.241	7.041
	0	0	0	0	0	0	1	0	0	0	N/A	8	3.304	7.104
	0	0	0	0	0	0	1	0	0	1	N/A	9	3.367	7.167
	0	0	0	0	0	0	1	0	1	0	N/A	10	3.430	7.230
	0	0	0	0	0	0	1	0	1	1	N/A	11	3.493	7.293
	0	0	0	0	0	0	1	1	0	0	N/A	12	3.556	7.356
	0	0	0	0	0	0	1	1	0	1	N/A	13	3.619	7.419
	0	0	0	0	0	0	1	1	1	0	N/A	14	3.682	7.482
	0	0	0	0	0	0	1	1	1	1	N/A	15	3.745	7.545
	0	0	0	0	0	1	0	0	0	0	N/A	16	3.808	7.608
	0	0	0	0	0	1	0	0	0	1	N/A	17	3.871	7.671
	0	0	0	0	0	1	0	0	1	0	N/A	18	3.934	7.734
	0	0	0	0	0	1	0	0	1	1	N/A	19	3.997	7.797
	0	0	0	0	0	1	0	1	0	0	N/A	20	4.060	7.860
	0	0	0	0	0	1	0	1	0	1	N/A	21	4.123	7.923
	0	0	0	0	0	1	0	1	1	0	N/A	22	4.186	7.986
	0	0	0	0	0	1	0	1	1	1	N/A	23	4.249	8.049

0	0	0	0	0	1	1	0	0	0	N/A	24	4.312	8.112
0	0	0	0	0	1	1	0	0	1	N/A	25	4.375	8.175
0	0	0	0	0	1	1	0	1	0	N/A	26	4.438	8.238
0	0	0	0	0	1	1	0	1	1	N/A	27	4.501	8.301
0	0	0	0	0	1	1	1	0	0	N/A	28	4.564	8.364
0	0	0	0	0	1	1	1	0	1	N/A	29	4.627	8.427
0	0	0	0	0	1	1	1	1	0	N/A	30	4.690	8.490
0	0	0	0	0	1	1	1	1	1	N/A	31	4.753	8.553
0	0	0	0	1	0	0	0	0	0	N/A	32	4.200	8.000
0	0	0	0	1	0	0	0	0	1	N/A	33	4.263	8.063
0	0	0	0	1	0	0	0	1	0	N/A	34	4.326	8.126
0	0	0	0	1	0	0	0	1	1	N/A	35	4.389	8.189
0	0	0	0	1	0	0	1	0	0	N/A	36	4.452	8.252
0	0	0	0	1	0	0	1	0	1	N/A	37	4.515	8.315
0	0	0	0	1	0	0	1	1	0	N/A	38	4.578	8.378
0	0	0	0	1	0	0	1	1	1	N/A	39	4.641	8.441
0	0	0	0	1	0	1	0	0	0	N/A	40	4.704	8.504
0	0	0	0	1	0	1	0	0	1	N/A	41	4.767	8.567
0	0	0	0	1	0	1	0	1	0	N/A	42	4.830	8.630
0	0	0	0	1	0	1	0	1	1	N/A	43	4.893	8.693
0	0	0	0	1	0	1	1	0	0	N/A	44	4.956	8.756
0	0	0	0	1	0	1	1	0	1	N/A	45	5.019	8.819
0	0	0	0	1	0	1	1	1	0	N/A	46	5.082	8.882
0	0	0	0	1	0	1	1	1	1	N/A	47	5.145	8.945
0	0	0	0	1	1	0	0	0	0	N/A	48	5.208	9.008
0	0	0	0	1	1	0	0	0	1	N/A	49	5.271	9.071
0	0	0	0	1	1	0	0	1	0	N/A	50	5.334	9.134
0	0	0	0	1	1	0	0	1	1	N/A	51	5.397	9.197
0	0	0	0	1	1	0	1	0	0	N/A	52	5.460	9.260
0	0	0	0	1	1	0	1	0	1	N/A	53	5.523	9.323
0	0	0	0	1	1	0	1	1	0	N/A	54	5.586	9.386
0	0	0	0	1	1	0	1	1	1	N/A	55	5.649	9.449
0	0	0	0	1	1	1	0	0	0	N/A	56	5.712	9.512
0	0	0	0	1	1	1	0	0	1	N/A	57	5.775	9.575

0	0	0	0	1	1	1	0	1	0	N/A	58	5.838	9.638
0	0	0	0	1	1	1	0	1	1	N/A	59	5.901	9.701
0	0	0	0	1	1	1	1	0	0	N/A	60	5.964	9.764
0	0	0	0	1	1	1	1	0	1	N/A	61	6.027	9.827
0	0	0	0	1	1	1	1	1	0	N/A	62	6.090	9.890
0	0	0	0	1	1	1	1	1	1	N/A	63	6.153	9.953
0	0	0	1	0	0	0	0	0	0	N/A	64	5.600	9.400
0	0	0	1	0	0	0	0	0	1	N/A	65	5.663	9.463
0	0	0	1	0	0	0	0	1	0	N/A	66	5.726	9.526
0	0	0	1	0	0	0	0	1	1	N/A	67	5.789	9.589
0	0	0	1	0	0	0	1	0	0	N/A	68	5.852	9.652
0	0	0	1	0	0	0	1	0	1	N/A	69	5.915	9.715
0	0	0	1	0	0	0	1	1	0	N/A	70	5.978	9.778
0	0	0	1	0	0	0	1	1	1	N/A	71	6.041	9.841
0	0	0	1	0	0	1	0	0	0	N/A	72	6.104	9.904
0	0	0	1	0	0	1	0	0	1	N/A	73	6.167	9.967
0	0	0	1	0	0	1	0	1	0	N/A	74	6.230	10.030
0	0	0	1	0	0	1	0	1	1	N/A	75	6.293	10.093
0	0	0	1	0	0	1	1	0	0	N/A	76	6.356	10.156
0	0	0	1	0	0	1	1	0	1	N/A	77	6.419	10.219
0	0	0	1	0	0	1	1	1	0	N/A	78	6.482	10.282
0	0	0	1	0	0	1	1	1	1	N/A	79	6.545	10.345
0	0	0	1	0	1	0	0	0	0	N/A	80	6.608	10.408
0	0	0	1	0	1	0	0	0	1	N/A	81	6.671	10.471
0	0	0	1	0	1	0	0	1	0	N/A	82	6.734	10.534
0	0	0	1	0	1	0	0	1	1	N/A	83	6.797	10.597
0	0	0	1	0	1	0	1	0	0	N/A	84	6.860	10.660
0	0	0	1	0	1	0	1	0	1	N/A	85	6.923	10.723
0	0	0	1	0	1	0	1	1	0	N/A	86	6.986	10.786
0	0	0	1	0	1	0	1	1	1	N/A	87	7.049	10.849
0	0	0	1	0	1	1	0	0	0	N/A	88	7.112	10.912
0	0	0	1	0	1	1	0	0	1	N/A	89	7.175	10.975
0	0	0	1	0	1	1	0	1	0	N/A	90	7.238	11.038
0	0	0	1	0	1	1	0	1	1	N/A	91	7.301	11.101

0	0	0	1	0	1	1	1	0	0	N/A	92	7.364	11.164
0	0	0	1	0	1	1	1	0	1	N/A	93	7.427	11.227
0	0	0	1	0	1	1	1	1	0	N/A	94	7.490	11.290
0	0	0	1	0	1	1	1	1	1	N/A	95	7.553	11.353
0	0	0	1	1	0	0	0	0	0	N/A	96	7.000	10.800
0	0	0	1	1	0	0	0	0	1	N/A	97	7.063	10.863
0	0	0	1	1	0	0	0	1	0	N/A	98	7.126	10.926
0	0	0	1	1	0	0	0	1	1	N/A	99	7.189	10.989
0	0	0	1	1	0	0	1	0	0	N/A	100	7.252	11.052
0	0	0	1	1	0	0	1	0	1	N/A	101	7.315	11.115
0	0	0	1	1	0	0	1	1	0	N/A	102	7.378	11.178
0	0	0	1	1	0	0	1	1	1	N/A	103	7.441	11.241
0	0	0	1	1	0	1	0	0	0	N/A	104	7.504	11.304
0	0	0	1	1	0	1	0	0	1	N/A	105	7.567	11.367
0	0	0	1	1	0	1	0	1	0	N/A	106	7.630	11.430
0	0	0	1	1	0	1	0	1	1	N/A	107	7.693	11.493
0	0	0	1	1	0	1	1	0	0	N/A	108	7.756	11.556
0	0	0	1	1	0	1	1	0	1	N/A	109	7.819	11.619
0	0	0	1	1	0	1	1	1	0	N/A	110	7.882	11.682
0	0	0	1	1	0	1	1	1	1	N/A	111	7.945	11.745
0	0	0	1	1	1	0	0	0	0	N/A	112	8.008	11.808
0	0	0	1	1	1	0	0	0	1	N/A	113	8.071	11.871
0	0	0	1	1	1	0	0	1	0	N/A	114	8.134	11.934
0	0	0	1	1	1	0	0	1	1	N/A	115	8.197	11.997
0	0	0	1	1	1	0	1	0	0	N/A	116	8.260	12.060
0	0	0	1	1	1	0	1	0	1	N/A	117	8.323	12.123
0	0	0	1	1	1	0	1	1	0	N/A	118	8.386	12.186
0	0	0	1	1	1	0	1	1	1	N/A	119	8.449	12.249
0	0	0	1	1	1	1	0	0	0	N/A	120	8.512	12.312
0	0	0	1	1	1	1	1	0	1	N/A	121	8.575	12.375
0	0	0	1	1	1	1	1	0	1	N/A	122	8.638	12.438
0	0	0	1	1	1	1	1	0	1	N/A	123	8.701	12.501
0	0	0	1	1	1	1	1	1	0	N/A	124	8.764	12.564
0	0	0	1	1	1	1	1	1	0	N/A	125	8.827	12.627

0	0	0	1	1	1	1	1	1	0	N/A	126	8.890	12.690
0	0	0	1	1	1	1	1	1	1	N/A	127	8.953	12.753
0	0	1	0	0	0	0	0	0	0	N/A	128	8.400	12.200
0	0	1	0	0	0	0	0	0	1	N/A	129	8.463	12.263
0	0	1	0	0	0	0	0	1	0	N/A	130	8.526	12.326
0	0	1	0	0	0	0	0	1	1	N/A	131	8.589	12.389
0	0	1	0	0	0	0	1	0	0	N/A	132	8.652	12.452
0	0	1	0	0	0	0	1	0	1	N/A	133	8.715	12.515
0	0	1	0	0	0	0	1	1	0	N/A	134	8.778	12.578
0	0	1	0	0	0	0	1	1	1	N/A	135	8.841	12.641
0	0	1	0	0	0	1	0	0	0	N/A	136	8.904	12.704
0	0	1	0	0	0	1	0	0	1	N/A	137	8.967	12.767
0	0	1	0	0	0	1	0	1	0	N/A	138	9.030	12.830
0	0	1	0	0	0	1	0	1	1	N/A	139	9.093	12.893
0	0	1	0	0	0	1	1	0	0	N/A	140	9.156	12.956
0	0	1	0	0	0	1	1	0	1	N/A	141	9.219	13.019
0	0	1	0	0	0	1	1	1	0	N/A	142	9.282	13.082
0	0	1	0	0	0	1	1	1	1	N/A	143	9.345	13.145
0	0	1	0	0	1	0	0	0	0	N/A	144	9.408	13.208
0	0	1	0	0	1	0	0	0	1	N/A	145	9.471	13.271
0	0	1	0	0	1	0	0	1	0	N/A	146	9.534	13.334
0	0	1	0	0	1	0	0	1	1	N/A	147	9.597	13.397
0	0	1	0	0	1	0	1	0	0	N/A	148	9.660	13.460
0	0	1	0	0	1	0	1	0	1	N/A	149	9.723	13.523
0	0	1	0	0	1	0	1	1	0	N/A	150	9.786	13.586
0	0	1	0	0	1	0	1	1	1	N/A	151	9.849	13.649
0	0	1	0	0	1	1	0	0	0	N/A	152	9.912	13.712
0	0	1	0	0	1	1	0	0	1	N/A	153	9.975	13.775
0	0	1	0	0	1	1	0	1	0	N/A	154	10.038	13.838
0	0	1	0	0	1	1	0	1	1	N/A	155	10.101	13.901
0	0	1	0	0	1	1	1	0	0	N/A	156	10.164	13.964
0	0	1	0	0	1	1	1	0	1	N/A	157	10.227	14.027
0	0	1	0	0	1	1	1	1	0	N/A	158	10.290	14.090
0	0	1	0	0	1	1	1	1	1	N/A	159	10.353	14.153

0	0	1	0	1	0	0	0	0	0	N/A	160	9.800	13.600
0	0	1	0	1	0	0	0	0	1	N/A	161	9.863	13.663
0	0	1	0	1	0	0	0	1	0	N/A	162	9.926	13.726
0	0	1	0	1	0	0	0	1	1	N/A	163	9.989	13.789
0	0	1	0	1	0	0	1	0	0	N/A	164	10.052	13.852
0	0	1	0	1	0	0	1	0	1	N/A	165	10.115	13.915
0	0	1	0	1	0	0	1	1	0	N/A	166	10.178	13.978
0	0	1	0	1	0	0	1	1	1	N/A	167	10.241	14.041
0	0	1	0	1	0	1	0	0	0	N/A	168	10.304	14.104
0	0	1	0	1	0	1	0	0	1	N/A	169	10.367	14.167
0	0	1	0	1	0	1	0	1	0	N/A	170	10.430	14.230
0	0	1	0	1	0	1	0	1	1	N/A	171	10.493	14.293
0	0	1	0	1	0	1	1	0	0	N/A	172	10.556	14.356
0	0	1	0	1	0	1	1	0	1	N/A	173	10.619	14.419
0	0	1	0	1	0	1	1	1	0	N/A	174	10.682	14.482
0	0	1	0	1	0	1	1	1	1	N/A	175	10.745	14.545
0	0	1	0	1	1	0	0	0	0	N/A	176	10.808	14.608
0	0	1	0	1	1	0	0	0	1	N/A	177	10.871	14.671
0	0	1	0	1	1	0	0	1	0	N/A	178	10.934	14.734
0	0	1	0	1	1	0	0	1	1	N/A	179	10.997	14.797
0	0	1	0	1	1	0	1	0	0	N/A	180	11.060	14.860
0	0	1	0	1	1	0	1	0	1	N/A	181	11.123	14.923
0	0	1	0	1	1	0	1	1	0	N/A	182	11.186	14.986
0	0	1	0	1	1	0	1	1	1	N/A	183	11.249	15.049
0	0	1	0	1	1	1	0	0	0	N/A	184	11.312	15.112
0	0	1	0	1	1	1	0	0	1	N/A	185	11.375	15.175
0	0	1	0	1	1	1	0	1	0	N/A	186	11.438	15.238
0	0	1	0	1	1	1	0	1	1	N/A	187	11.501	15.301
0	0	1	0	1	1	1	1	0	0	N/A	188	11.564	15.364
0	0	1	0	1	1	1	1	0	1	N/A	189	11.627	15.427
0	0	1	0	1	1	1	1	1	0	N/A	190	11.690	15.490
0	0	1	0	1	1	1	1	1	1	N/A	191	11.753	15.553
0	0	1	1	0	0	0	0	0	0	N/A	192	11.200	15.000
0	0	1	1	0	0	0	0	0	1	N/A	193	11.263	15.063

0	0	1	1	0	0	0	0	1	0	N/A	194	11.326	15.126
0	0	1	1	0	0	0	0	1	1	N/A	195	11.389	15.189
0	0	1	1	0	0	0	1	0	0	N/A	196	11.452	15.252
0	0	1	1	0	0	0	1	0	1	N/A	197	11.515	15.315
0	0	1	1	0	0	0	1	1	0	N/A	198	11.578	15.378
0	0	1	1	0	0	0	1	1	1	N/A	199	11.641	15.441
0	0	1	1	0	0	1	0	0	0	N/A	200	11.704	15.504
0	0	1	1	0	0	1	0	0	1	N/A	201	11.767	15.567
0	0	1	1	0	0	1	0	1	0	N/A	202	11.830	15.630
0	0	1	1	0	0	1	0	1	1	N/A	203	11.893	15.693
0	0	1	1	0	0	1	1	0	0	N/A	204	11.956	15.756
0	0	1	1	0	0	1	1	0	1	N/A	205	12.019	15.819
0	0	1	1	0	0	1	1	1	0	N/A	206	12.082	15.882
0	0	1	1	0	0	1	1	1	1	N/A	207	12.145	15.945
0	0	1	1	0	1	0	0	0	0	N/A	208	12.208	16.008
0	0	1	1	0	1	0	0	0	1	N/A	209	12.271	16.071
0	0	1	1	0	1	0	0	1	0	N/A	210	12.334	16.134
0	0	1	1	0	1	0	0	1	1	N/A	211	12.397	16.197
0	0	1	1	0	1	0	1	0	0	N/A	212	12.460	16.260
0	0	1	1	0	1	0	1	0	1	N/A	213	12.523	16.323
0	0	1	1	0	1	0	1	1	0	N/A	214	12.586	16.386
0	0	1	1	0	1	0	1	1	1	N/A	215	12.649	16.449
0	0	1	1	0	1	1	0	0	0	N/A	216	12.712	16.512
0	0	1	1	0	1	1	0	0	1	N/A	217	12.775	16.575
0	0	1	1	0	1	1	0	1	0	N/A	218	12.838	16.638
0	0	1	1	0	1	1	0	1	1	N/A	219	12.901	16.701
0	0	1	1	0	1	1	1	0	0	N/A	220	12.964	16.764
0	0	1	1	0	1	1	1	0	1	N/A	221	13.027	16.827
0	0	1	1	0	1	1	1	1	0	N/A	222	13.090	16.890
0	0	1	1	0	1	1	1	1	1	N/A	223	13.153	16.953
0	0	1	1	1	0	0	0	0	0	N/A	224	12.600	16.400
0	0	1	1	1	0	0	0	0	1	N/A	225	12.663	16.463
0	0	1	1	1	0	0	0	1	0	N/A	226	12.726	16.526
0	0	1	1	1	0	0	0	1	1	N/A	227	12.789	16.589

0	0	1	1	1	0	0	1	0	0	N/A	228	12.852	16.652
0	0	1	1	1	0	0	1	0	1	N/A	229	12.915	16.715
0	0	1	1	1	0	0	1	1	0	N/A	230	12.978	16.778
0	0	1	1	1	0	0	1	1	1	N/A	231	13.041	16.841
0	0	1	1	1	0	1	0	0	0	N/A	232	13.104	16.904
0	0	1	1	1	0	1	0	0	1	N/A	233	13.167	16.967
0	0	1	1	1	0	1	0	1	0	N/A	234	13.230	17.030
0	0	1	1	1	0	1	0	1	1	N/A	235	13.293	17.093
0	0	1	1	1	0	1	1	0	0	N/A	236	13.356	17.156
0	0	1	1	1	0	1	1	0	1	N/A	237	13.419	17.219
0	0	1	1	1	0	1	1	1	0	N/A	238	13.482	17.282
0	0	1	1	1	0	1	1	1	1	N/A	239	13.545	17.345
0	0	1	1	1	1	0	0	0	0	N/A	240	13.608	17.408
0	0	1	1	1	1	0	0	0	1	N/A	241	13.671	17.471
0	0	1	1	1	1	0	0	1	0	N/A	242	13.734	17.534
0	0	1	1	1	1	0	0	1	1	N/A	243	13.797	17.597
0	0	1	1	1	1	0	1	0	0	N/A	244	13.860	17.660
0	0	1	1	1	1	0	1	0	1	N/A	245	13.923	17.723
0	0	1	1	1	1	0	1	1	0	N/A	246	13.986	17.786
0	0	1	1	1	1	0	1	1	1	N/A	247	14.049	17.849
0	0	1	1	1	1	1	0	0	0	N/A	248	14.112	17.912
0	0	1	1	1	1	1	0	0	1	N/A	249	14.175	17.975
0	0	1	1	1	1	1	0	1	0	N/A	250	14.238	18.038
0	0	1	1	1	1	1	0	1	1	N/A	251	14.301	18.101
0	0	1	1	1	1	1	1	0	0	N/A	252	14.364	18.164
0	0	1	1	1	1	1	1	0	1	N/A	253	14.427	18.227
0	0	1	1	1	1	1	1	1	0	N/A	254	14.490	18.290
0	0	1	1	1	1	1	1	1	1	N/A	255	14.553	18.353
0	1	0	0	0	0	0	0	0	0	N/A	256	2.800	13.000
0	1	0	0	0	0	0	0	0	1	N/A	257	2.863	13.063
0	1	0	0	0	0	0	0	1	0	N/A	258	2.926	13.126
0	1	0	0	0	0	0	0	1	1	N/A	259	2.989	13.189
0	1	0	0	0	0	0	1	0	0	N/A	260	3.052	13.252
0	1	0	0	0	0	0	1	0	1	N/A	261	3.115	13.315

0	1	0	0	0	0	0	1	1	0	N/A	262	3.178	13.378
0	1	0	0	0	0	0	1	1	1	N/A	263	3.241	13.441
0	1	0	0	0	0	0	1	0	0	N/A	264	3.304	13.504
0	1	0	0	0	0	0	1	0	1	N/A	265	3.367	13.567
0	1	0	0	0	0	0	1	0	1	N/A	266	3.430	13.630
0	1	0	0	0	0	0	1	0	1	N/A	267	3.493	13.693
0	1	0	0	0	0	0	1	1	0	N/A	268	3.556	13.756
0	1	0	0	0	0	0	1	1	0	N/A	269	3.619	13.819
0	1	0	0	0	0	0	1	1	1	N/A	270	3.682	13.882
0	1	0	0	0	0	0	1	1	1	N/A	271	3.745	13.945
0	1	0	0	0	0	1	0	0	0	N/A	272	3.808	14.008
0	1	0	0	0	0	1	0	0	1	N/A	273	3.871	14.071
0	1	0	0	0	0	1	0	0	1	N/A	274	3.934	14.134
0	1	0	0	0	0	1	0	0	1	N/A	275	3.997	14.197
0	1	0	0	0	0	1	0	1	0	N/A	276	4.060	14.260
0	1	0	0	0	0	1	0	1	0	N/A	277	4.123	14.323
0	1	0	0	0	0	1	0	1	1	N/A	278	4.186	14.386
0	1	0	0	0	0	1	0	1	1	N/A	279	4.249	14.449
0	1	0	0	0	0	1	1	0	0	N/A	280	4.312	14.512
0	1	0	0	0	0	1	1	0	0	N/A	281	4.375	14.575
0	1	0	0	0	0	1	1	0	1	N/A	282	4.438	14.638
0	1	0	0	0	0	1	1	0	1	N/A	283	4.501	14.701
0	1	0	0	0	0	1	1	1	0	N/A	284	4.564	14.764
0	1	0	0	0	0	1	1	1	0	N/A	285	4.627	14.827
0	1	0	0	0	0	1	1	1	1	N/A	286	4.690	14.890
0	1	0	0	0	0	1	1	1	1	N/A	287	4.753	14.953
0	1	0	0	1	0	0	0	0	0	N/A	288	4.200	14.400
0	1	0	0	1	0	0	0	0	1	N/A	289	4.263	14.463
0	1	0	0	1	0	0	0	1	0	N/A	290	4.326	14.526
0	1	0	0	1	0	0	0	1	1	N/A	291	4.389	14.589
0	1	0	0	1	0	0	1	0	0	N/A	292	4.452	14.652
0	1	0	0	1	0	0	1	0	1	N/A	293	4.515	14.715
0	1	0	0	1	0	0	1	1	0	N/A	294	4.578	14.778
0	1	0	0	1	0	0	1	1	1	N/A	295	4.641	14.841

0	1	0	0	1	0	1	0	0	0	N/A	296	4.704	14.904
0	1	0	0	1	0	1	0	0	1	N/A	297	4.767	14.967
0	1	0	0	1	0	1	0	1	0	N/A	298	4.830	15.030
0	1	0	0	1	0	1	0	1	1	N/A	299	4.893	15.093
0	1	0	0	1	0	1	1	0	0	N/A	300	4.956	15.156
0	1	0	0	1	0	1	1	0	1	N/A	301	5.019	15.219
0	1	0	0	1	0	1	1	1	0	N/A	302	5.082	15.282
0	1	0	0	1	0	1	1	1	1	N/A	303	5.145	15.345
0	1	0	0	1	1	0	0	0	0	N/A	304	5.208	15.408
0	1	0	0	1	1	0	0	0	1	N/A	305	5.271	15.471
0	1	0	0	1	1	0	0	1	0	N/A	306	5.334	15.534
0	1	0	0	1	1	0	0	1	1	N/A	307	5.397	15.597
0	1	0	0	1	1	0	1	0	0	N/A	308	5.460	15.660
0	1	0	0	1	1	0	1	0	1	N/A	309	5.523	15.723
0	1	0	0	1	1	0	1	1	0	N/A	310	5.586	15.786
0	1	0	0	1	1	0	1	1	1	N/A	311	5.649	15.849
0	1	0	0	1	1	1	0	0	0	N/A	312	5.712	15.912
0	1	0	0	1	1	1	0	0	1	N/A	313	5.775	15.975
0	1	0	0	1	1	1	0	1	0	N/A	314	5.838	16.038
0	1	0	0	1	1	1	0	1	1	N/A	315	5.901	16.101
0	1	0	0	1	1	1	1	0	0	N/A	316	5.964	16.164
0	1	0	0	1	1	1	1	0	1	N/A	317	6.027	16.227
0	1	0	0	1	1	1	1	1	0	N/A	318	6.090	16.290
0	1	0	0	1	1	1	1	1	1	N/A	319	6.153	16.353
0	1	0	1	0	0	0	0	0	0	N/A	320	5.600	15.800
0	1	0	1	0	0	0	0	0	1	N/A	321	5.663	15.863
0	1	0	1	0	0	0	0	1	0	N/A	322	5.726	15.926
0	1	0	1	0	0	0	0	1	1	N/A	323	5.789	15.989
0	1	0	1	0	0	0	1	0	0	N/A	324	5.852	16.052
0	1	0	1	0	0	0	1	0	1	N/A	325	5.915	16.115
0	1	0	1	0	0	0	1	1	0	N/A	326	5.978	16.178
0	1	0	1	0	0	0	1	1	1	N/A	327	6.041	16.241
0	1	0	1	0	0	1	0	0	0	N/A	328	6.104	16.304
0	1	0	1	0	0	1	0	0	1	N/A	329	6.167	16.367

0	1	0	1	0	0	1	0	1	0	N/A	330	6.230	16.430
0	1	0	1	0	0	1	0	1	1	N/A	331	6.293	16.493
0	1	0	1	0	0	1	1	0	0	N/A	332	6.356	16.556
0	1	0	1	0	0	1	1	0	1	N/A	333	6.419	16.619
0	1	0	1	0	0	1	1	1	0	N/A	334	6.482	16.682
0	1	0	1	0	0	1	1	1	1	N/A	335	6.545	16.745
0	1	0	1	0	1	0	0	0	0	N/A	336	6.608	16.808
0	1	0	1	0	1	0	0	0	1	N/A	337	6.671	16.871
0	1	0	1	0	1	0	0	1	0	N/A	338	6.734	16.934
0	1	0	1	0	1	0	0	1	1	N/A	339	6.797	16.997
0	1	0	1	0	1	0	1	0	0	N/A	340	6.860	17.060
0	1	0	1	0	1	0	1	0	1	N/A	341	6.923	17.123
0	1	0	1	0	1	0	1	1	0	N/A	342	6.986	17.186
0	1	0	1	0	1	0	1	1	1	N/A	343	7.049	17.249
0	1	0	1	0	1	1	0	0	0	N/A	344	7.112	17.312
0	1	0	1	0	1	1	0	0	1	N/A	345	7.175	17.375
0	1	0	1	0	1	1	0	1	0	N/A	346	7.238	17.438
0	1	0	1	0	1	1	0	1	1	N/A	347	7.301	17.501
0	1	0	1	0	1	1	1	0	0	N/A	348	7.364	17.564
0	1	0	1	0	1	1	1	0	1	N/A	349	7.427	17.627
0	1	0	1	0	1	1	1	1	0	N/A	350	7.490	17.690
0	1	0	1	0	1	1	1	1	1	N/A	351	7.553	17.753
0	1	0	1	1	0	0	0	0	0	N/A	352	7.000	17.200
0	1	0	1	1	0	0	0	0	1	N/A	353	7.063	17.263
0	1	0	1	1	0	0	0	1	0	N/A	354	7.126	17.326
0	1	0	1	1	0	0	0	1	1	N/A	355	7.189	17.389
0	1	0	1	1	0	0	1	0	0	N/A	356	7.252	17.452
0	1	0	1	1	0	0	1	0	1	N/A	357	7.315	17.515
0	1	0	1	1	0	0	1	1	0	N/A	358	7.378	17.578
0	1	0	1	1	0	0	1	1	1	N/A	359	7.441	17.641
0	1	0	1	1	0	1	0	0	0	N/A	360	7.504	17.704
0	1	0	1	1	0	1	0	0	1	N/A	361	7.567	17.767
0	1	0	1	1	0	1	0	1	0	N/A	362	7.630	17.830
0	1	0	1	1	0	1	0	1	1	N/A	363	7.693	17.893

0	1	0	1	1	0	1	1	0	0	N/A	364	7.756	17.956
0	1	0	1	1	0	1	1	0	1	N/A	365	7.819	18.019
0	1	0	1	1	0	1	1	1	0	N/A	366	7.882	18.082
0	1	0	1	1	0	1	1	1	1	N/A	367	7.945	18.145
0	1	0	1	1	1	0	0	0	0	N/A	368	8.008	18.208
0	1	0	1	1	1	0	0	0	1	N/A	369	8.071	18.271
0	1	0	1	1	1	0	0	1	0	N/A	370	8.134	18.334
0	1	0	1	1	1	0	0	1	1	N/A	371	8.197	18.397
0	1	0	1	1	1	0	1	0	0	N/A	372	8.260	18.460
0	1	0	1	1	1	0	1	0	1	N/A	373	8.323	18.523
0	1	0	1	1	1	0	1	1	0	N/A	374	8.386	18.586
0	1	0	1	1	1	0	1	1	1	N/A	375	8.449	18.649
0	1	0	1	1	1	1	0	0	0	N/A	376	8.512	18.712
0	1	0	1	1	1	1	0	0	1	N/A	377	8.575	18.775
0	1	0	1	1	1	1	0	1	0	N/A	378	8.638	18.838
0	1	0	1	1	1	1	0	1	1	N/A	379	8.701	18.901
0	1	0	1	1	1	1	1	0	0	N/A	380	8.764	18.964
0	1	0	1	1	1	1	1	0	1	N/A	381	8.827	19.027
0	1	0	1	1	1	1	1	1	0	N/A	382	8.890	19.090
0	1	0	1	1	1	1	1	1	1	N/A	383	8.953	19.153
0	1	1	0	0	0	0	0	0	0	N/A	384	8.400	18.600
0	1	1	0	0	0	0	0	0	1	N/A	385	8.463	18.663
0	1	1	0	0	0	0	0	1	0	N/A	386	8.526	18.726
0	1	1	0	0	0	0	0	1	1	N/A	387	8.589	18.789
0	1	1	0	0	0	0	1	0	0	N/A	388	8.652	18.852
0	1	1	0	0	0	0	1	0	1	N/A	389	8.715	18.915
0	1	1	0	0	0	0	1	1	0	N/A	390	8.778	18.978
0	1	1	0	0	0	0	1	1	1	N/A	391	8.841	19.041
0	1	1	0	0	0	1	0	0	0	N/A	392	8.904	19.104
0	1	1	0	0	0	1	0	0	1	N/A	393	8.967	19.167
0	1	1	0	0	0	1	0	1	0	N/A	394	9.030	19.230
0	1	1	0	0	0	1	0	1	1	N/A	395	9.093	19.293
0	1	1	0	0	0	1	1	0	0	N/A	396	9.156	19.356
0	1	1	0	0	0	1	1	0	1	N/A	397	9.219	19.419

0	1	1	0	0	0	1	1	1	0	N/A	398	9.282	19.482
0	1	1	0	0	0	1	1	1	1	N/A	399	9.345	19.545
0	1	1	0	0	1	0	0	0	0	N/A	400	9.408	19.608
0	1	1	0	0	1	0	0	0	1	N/A	401	9.471	19.671
0	1	1	0	0	1	0	0	1	0	N/A	402	9.534	19.734
0	1	1	0	0	1	0	0	1	1	N/A	403	9.597	19.797
0	1	1	0	0	1	0	1	0	0	N/A	404	9.660	19.860
0	1	1	0	0	1	0	1	0	1	N/A	405	9.723	19.923
0	1	1	0	0	1	0	1	1	0	N/A	406	9.786	19.986
0	1	1	0	0	1	0	1	1	1	N/A	407	9.849	20.049
0	1	1	0	0	1	1	0	0	0	N/A	408	9.912	20.112
0	1	1	0	0	1	1	0	0	1	N/A	409	9.975	20.175
0	1	1	0	0	1	1	0	1	0	N/A	410	10.038	20.238
0	1	1	0	0	1	1	0	1	1	N/A	411	10.101	20.301
0	1	1	0	0	1	1	1	0	0	N/A	412	10.164	20.364
0	1	1	0	0	1	1	1	0	1	N/A	413	10.227	20.427
0	1	1	0	0	1	1	1	1	0	N/A	414	10.290	20.490
0	1	1	0	0	1	1	1	1	1	N/A	415	10.353	20.553
0	1	1	0	1	0	0	0	0	0	N/A	416	9.800	20.000
0	1	1	0	1	0	0	0	0	1	N/A	417	9.863	20.063
0	1	1	0	1	0	0	0	1	0	N/A	418	9.926	20.126
0	1	1	0	1	0	0	0	1	1	N/A	419	9.989	20.189
0	1	1	0	1	0	0	1	0	0	N/A	420	10.052	20.252
0	1	1	0	1	0	0	1	0	1	N/A	421	10.115	20.315
0	1	1	0	1	0	0	1	1	0	N/A	422	10.178	20.378
0	1	1	0	1	0	0	1	1	1	N/A	423	10.241	20.441
0	1	1	0	1	0	1	0	0	0	N/A	424	10.304	20.504
0	1	1	0	1	0	1	0	0	1	N/A	425	10.367	20.567
0	1	1	0	1	0	1	0	1	0	N/A	426	10.430	20.630
0	1	1	0	1	0	1	0	1	1	N/A	427	10.493	20.693
0	1	1	0	1	0	1	1	0	0	N/A	428	10.556	20.756
0	1	1	0	1	0	1	1	0	1	N/A	429	10.619	20.819
0	1	1	0	1	0	1	1	1	0	N/A	430	10.682	20.882
0	1	1	0	1	0	1	1	1	1	N/A	431	10.745	20.945

0	1	1	0	1	1	0	0	0	0	N/A	432	10.808	21.008
0	1	1	0	1	1	0	0	0	1	N/A	433	10.871	21.071
0	1	1	0	1	1	0	0	1	0	N/A	434	10.934	21.134
0	1	1	0	1	1	0	0	1	1	N/A	435	10.997	21.197
0	1	1	0	1	1	0	1	0	0	N/A	436	11.060	21.260
0	1	1	0	1	1	0	1	0	1	N/A	437	11.123	21.323
0	1	1	0	1	1	0	1	1	0	N/A	438	11.186	21.386
0	1	1	0	1	1	0	1	1	1	N/A	439	11.249	21.449
0	1	1	0	1	1	1	0	0	0	N/A	440	11.312	21.512
0	1	1	0	1	1	1	0	0	1	N/A	441	11.375	21.575
0	1	1	0	1	1	1	0	1	0	N/A	442	11.438	21.638
0	1	1	0	1	1	1	0	1	1	N/A	443	11.501	21.701
0	1	1	0	1	1	1	1	0	0	N/A	444	11.564	21.764
0	1	1	0	1	1	1	1	0	1	N/A	445	11.627	21.827
0	1	1	0	1	1	1	1	1	0	N/A	446	11.690	21.890
0	1	1	0	1	1	1	1	1	1	N/A	447	11.753	21.953
0	1	1	1	0	0	0	0	0	0	N/A	448	11.200	21.400
0	1	1	1	0	0	0	0	0	1	N/A	449	11.263	21.463
0	1	1	1	0	0	0	0	1	0	N/A	450	11.326	21.526
0	1	1	1	0	0	0	0	1	1	N/A	451	11.389	21.589
0	1	1	1	0	0	0	1	0	0	N/A	452	11.452	21.652
0	1	1	1	0	0	0	1	0	1	N/A	453	11.515	21.715
0	1	1	1	0	0	0	1	1	0	N/A	454	11.578	21.778
0	1	1	1	0	0	0	1	1	1	N/A	455	11.641	21.841
0	1	1	1	0	0	1	0	0	0	N/A	456	11.704	21.904
0	1	1	1	0	0	1	0	0	1	N/A	457	11.767	21.967
0	1	1	1	0	0	1	0	1	0	N/A	458	11.830	22.030
0	1	1	1	0	0	1	0	1	1	N/A	459	11.893	22.093
0	1	1	1	0	0	1	1	0	0	N/A	460	11.956	22.156
0	1	1	1	0	0	1	1	0	1	N/A	461	12.019	22.219
0	1	1	1	0	0	1	1	1	0	N/A	462	12.082	22.282
0	1	1	1	0	0	1	1	1	1	N/A	463	12.145	22.345
0	1	1	1	0	1	0	0	0	0	N/A	464	12.208	22.408
0	1	1	1	0	1	0	0	0	1	N/A	465	12.271	22.471

0	1	1	1	0	1	0	0	1	0	N/A	466	12.334	22.534
0	1	1	1	0	1	0	0	1	1	N/A	467	12.397	22.597
0	1	1	1	0	1	0	1	0	0	N/A	468	12.460	22.660
0	1	1	1	0	1	0	1	0	1	N/A	469	12.523	22.723
0	1	1	1	0	1	0	1	1	0	N/A	470	12.586	22.786
0	1	1	1	0	1	0	1	1	1	N/A	471	12.649	22.849
0	1	1	1	0	1	1	0	0	0	N/A	472	12.712	22.912
0	1	1	1	0	1	1	0	0	1	N/A	473	12.775	22.975
0	1	1	1	0	1	1	0	1	0	N/A	474	12.838	23.038
0	1	1	1	0	1	1	0	1	1	N/A	475	12.901	23.101
0	1	1	1	0	1	1	1	0	0	N/A	476	12.964	23.164
0	1	1	1	0	1	1	1	0	1	N/A	477	13.027	23.227
0	1	1	1	0	1	1	1	1	0	N/A	478	13.090	23.290
0	1	1	1	0	1	1	1	1	1	N/A	479	13.153	23.353
0	1	1	1	1	0	0	0	0	0	N/A	480	12.600	22.800
0	1	1	1	1	0	0	0	0	1	N/A	481	12.663	22.863
0	1	1	1	1	0	0	0	1	0	N/A	482	12.726	22.926
0	1	1	1	1	0	0	0	1	1	N/A	483	12.789	22.989
0	1	1	1	1	0	0	1	0	0	N/A	484	12.852	23.052
0	1	1	1	1	0	0	1	0	1	N/A	485	12.915	23.115
0	1	1	1	1	0	0	1	1	0	N/A	486	12.978	23.178
0	1	1	1	1	0	0	1	1	1	N/A	487	13.041	23.241
0	1	1	1	1	0	1	0	0	0	N/A	488	13.104	23.304
0	1	1	1	1	0	1	0	0	1	N/A	489	13.167	23.367
0	1	1	1	1	0	1	0	1	0	N/A	490	13.230	23.430
0	1	1	1	1	0	1	0	1	1	N/A	491	13.293	23.493
0	1	1	1	1	0	1	1	0	0	N/A	492	13.356	23.556
0	1	1	1	1	0	1	1	0	1	N/A	493	13.419	23.619
0	1	1	1	1	0	1	1	1	0	N/A	494	13.482	23.682
0	1	1	1	1	0	1	1	1	1	N/A	495	13.545	23.745
0	1	1	1	1	1	0	0	0	0	N/A	496	13.608	23.808
0	1	1	1	1	1	0	0	0	1	N/A	497	13.671	23.871
0	1	1	1	1	1	0	0	1	0	N/A	498	13.734	23.934
0	1	1	1	1	1	0	0	1	1	N/A	499	13.797	23.997

0	1	1	1	1	1	0	1	0	0	N/A	500	13.860	24.060
0	1	1	1	1	1	0	1	0	1	N/A	501	13.923	24.123
0	1	1	1	1	1	0	1	1	0	N/A	502	13.986	24.186
0	1	1	1	1	1	0	1	1	1	N/A	503	14.049	24.249
0	1	1	1	1	1	1	0	0	0	N/A	504	14.112	24.312
0	1	1	1	1	1	1	0	0	1	N/A	505	14.175	24.375
0	1	1	1	1	1	1	0	1	0	N/A	506	14.238	24.438
0	1	1	1	1	1	1	0	1	1	N/A	507	14.301	24.501
0	1	1	1	1	1	1	1	0	0	N/A	508	14.364	24.564
0	1	1	1	1	1	1	1	0	1	N/A	509	14.427	24.627
0	1	1	1	1	1	1	1	1	0	N/A	510	14.490	24.690
0	1	1	1	1	1	1	1	1	1	N/A	511	14.553	24.753
1	0	0	0	0	0	0	0	0	0	N/A	512	2.800	19.400
1	0	0	0	0	0	0	0	0	1	N/A	513	2.863	19.463
1	0	0	0	0	0	0	0	0	1	N/A	514	2.926	19.526
1	0	0	0	0	0	0	0	0	1	N/A	515	2.989	19.589
1	0	0	0	0	0	0	0	1	0	N/A	516	3.052	19.652
1	0	0	0	0	0	0	0	1	0	N/A	517	3.115	19.715
1	0	0	0	0	0	0	0	1	1	N/A	518	3.178	19.778
1	0	0	0	0	0	0	0	1	1	N/A	519	3.241	19.841
1	0	0	0	0	0	0	1	0	0	N/A	520	3.304	19.904
1	0	0	0	0	0	0	1	0	0	N/A	521	3.367	19.967
1	0	0	0	0	0	0	1	0	1	N/A	522	3.430	20.030
1	0	0	0	0	0	0	1	0	1	N/A	523	3.493	20.093
1	0	0	0	0	0	0	1	1	0	N/A	524	3.556	20.156
1	0	0	0	0	0	0	1	1	0	N/A	525	3.619	20.219
1	0	0	0	0	0	0	1	1	1	N/A	526	3.682	20.282
1	0	0	0	0	0	0	1	1	1	N/A	527	3.745	20.345
1	0	0	0	0	1	0	0	0	0	N/A	528	3.808	20.408
1	0	0	0	0	1	0	0	0	1	N/A	529	3.871	20.471
1	0	0	0	0	1	0	0	1	0	N/A	530	3.934	20.534
1	0	0	0	0	1	0	0	1	1	N/A	531	3.997	20.597
1	0	0	0	0	1	0	1	0	0	N/A	532	4.060	20.660
1	0	0	0	0	1	0	1	0	1	N/A	533	4.123	20.723

1	0	0	0	0	1	0	1	1	0	N/A	534	4.186	20.786
1	0	0	0	0	1	0	1	1	1	N/A	535	4.249	20.849
1	0	0	0	0	1	1	0	0	0	N/A	536	4.312	20.912
1	0	0	0	0	1	1	0	0	1	N/A	537	4.375	20.975
1	0	0	0	0	1	1	0	1	0	N/A	538	4.438	21.038
1	0	0	0	0	1	1	0	1	1	N/A	539	4.501	21.101
1	0	0	0	0	1	1	1	0	0	N/A	540	4.564	21.164
1	0	0	0	0	1	1	1	0	1	N/A	541	4.627	21.227
1	0	0	0	0	1	1	1	1	0	N/A	542	4.690	21.290
1	0	0	0	0	1	1	1	1	1	N/A	543	4.753	21.353
1	0	0	0	1	0	0	0	0	0	N/A	544	4.200	20.800
1	0	0	0	1	0	0	0	0	1	N/A	545	4.263	20.863
1	0	0	0	1	0	0	0	1	0	N/A	546	4.326	20.926
1	0	0	0	1	0	0	0	1	1	N/A	547	4.389	20.989
1	0	0	0	1	0	0	1	0	0	N/A	548	4.452	21.052
1	0	0	0	1	0	0	1	0	1	N/A	549	4.515	21.115
1	0	0	0	1	0	0	1	1	0	N/A	550	4.578	21.178
1	0	0	0	1	0	0	1	1	1	N/A	551	4.641	21.241
1	0	0	0	1	0	1	0	0	0	N/A	552	4.704	21.304
1	0	0	0	1	0	1	0	0	1	N/A	553	4.767	21.367
1	0	0	0	1	0	1	0	1	0	N/A	554	4.830	21.430
1	0	0	0	1	0	1	0	1	1	N/A	555	4.893	21.493
1	0	0	0	1	0	1	1	0	0	N/A	556	4.956	21.556
1	0	0	0	1	0	1	1	0	1	N/A	557	5.019	21.619
1	0	0	0	1	0	1	1	1	0	N/A	558	5.082	21.682
1	0	0	0	1	0	1	1	1	1	N/A	559	5.145	21.745
1	0	0	0	1	1	0	0	0	0	N/A	560	5.208	21.808
1	0	0	0	1	1	0	0	0	1	N/A	561	5.271	21.871
1	0	0	0	1	1	0	0	1	0	N/A	562	5.334	21.934
1	0	0	0	1	1	0	0	1	1	N/A	563	5.397	21.997
1	0	0	0	1	1	0	1	0	0	N/A	564	5.460	22.060
1	0	0	0	1	1	0	1	0	1	N/A	565	5.523	22.123
1	0	0	0	1	1	0	1	1	0	N/A	566	5.586	22.186
1	0	0	0	1	1	0	1	1	1	N/A	567	5.649	22.249

1	0	0	0	1	1	1	0	0	0	N/A	568	5.712	22.312
1	0	0	0	1	1	1	0	0	1	N/A	569	5.775	22.375
1	0	0	0	1	1	1	0	1	0	N/A	570	5.838	22.438
1	0	0	0	1	1	1	0	1	1	N/A	571	5.901	22.501
1	0	0	0	1	1	1	1	0	0	N/A	572	5.964	22.564
1	0	0	0	1	1	1	1	0	1	N/A	573	6.027	22.627
1	0	0	0	1	1	1	1	1	0	N/A	574	6.090	22.690
1	0	0	0	1	1	1	1	1	1	N/A	575	6.153	22.753
1	0	0	1	0	0	0	0	0	0	N/A	576	5.600	22.200
1	0	0	1	0	0	0	0	0	1	N/A	577	5.663	22.263
1	0	0	1	0	0	0	0	1	0	N/A	578	5.726	22.326
1	0	0	1	0	0	0	0	1	1	N/A	579	5.789	22.389
1	0	0	1	0	0	0	1	0	0	N/A	580	5.852	22.452
1	0	0	1	0	0	0	1	0	1	N/A	581	5.915	22.515
1	0	0	1	0	0	0	1	1	0	N/A	582	5.978	22.578
1	0	0	1	0	0	0	1	1	1	N/A	583	6.041	22.641
1	0	0	1	0	0	1	0	0	0	N/A	584	6.104	22.704
1	0	0	1	0	0	1	0	0	1	N/A	585	6.167	22.767
1	0	0	1	0	0	1	0	1	0	N/A	586	6.230	22.830
1	0	0	1	0	0	1	0	1	1	N/A	587	6.293	22.893
1	0	0	1	0	0	1	1	0	0	N/A	588	6.356	22.956
1	0	0	1	0	0	1	1	0	1	N/A	589	6.419	23.019
1	0	0	1	0	0	1	1	1	0	N/A	590	6.482	23.082
1	0	0	1	0	0	1	1	1	1	N/A	591	6.545	23.145
1	0	0	1	0	1	0	0	0	0	N/A	592	6.608	23.208
1	0	0	1	0	1	0	0	0	1	N/A	593	6.671	23.271
1	0	0	1	0	1	0	0	1	0	N/A	594	6.734	23.334
1	0	0	1	0	1	0	0	1	1	N/A	595	6.797	23.397
1	0	0	1	0	1	0	1	0	0	N/A	596	6.860	23.460
1	0	0	1	0	1	0	1	0	1	N/A	597	6.923	23.523
1	0	0	1	0	1	0	1	1	0	N/A	598	6.986	23.586
1	0	0	1	0	1	0	1	1	1	N/A	599	7.049	23.649
1	0	0	1	0	1	1	0	0	0	N/A	600	7.112	23.712
1	0	0	1	0	1	1	0	0	1	N/A	601	7.175	23.775

1	0	0	1	0	1	1	0	1	0	N/A	602	7.238	23.838
1	0	0	1	0	1	1	0	1	1	N/A	603	7.301	23.901
1	0	0	1	0	1	1	1	0	0	N/A	604	7.364	23.964
1	0	0	1	0	1	1	1	0	1	N/A	605	7.427	24.027
1	0	0	1	0	1	1	1	1	0	N/A	606	7.490	24.090
1	0	0	1	0	1	1	1	1	1	N/A	607	7.553	24.153
1	0	0	1	1	0	0	0	0	0	N/A	608	7.000	23.600
1	0	0	1	1	0	0	0	0	1	N/A	609	7.063	23.663
1	0	0	1	1	0	0	0	1	0	N/A	610	7.126	23.726
1	0	0	1	1	0	0	0	1	1	N/A	611	7.189	23.789
1	0	0	1	1	0	0	1	0	0	N/A	612	7.252	23.852
1	0	0	1	1	0	0	1	0	1	N/A	613	7.315	23.915
1	0	0	1	1	0	0	1	1	0	N/A	614	7.378	23.978
1	0	0	1	1	0	0	1	1	1	N/A	615	7.441	24.041
1	0	0	1	1	0	1	0	0	0	N/A	616	7.504	24.104
1	0	0	1	1	0	1	0	0	1	N/A	617	7.567	24.167
1	0	0	1	1	0	1	0	1	0	N/A	618	7.630	24.230
1	0	0	1	1	0	1	0	1	1	N/A	619	7.693	24.293
1	0	0	1	1	0	1	1	0	0	N/A	620	7.756	24.356
1	0	0	1	1	0	1	1	0	1	N/A	621	7.819	24.419
1	0	0	1	1	0	1	1	1	0	N/A	622	7.882	24.482
1	0	0	1	1	0	1	1	1	1	N/A	623	7.945	24.545
1	0	0	1	1	1	0	0	0	0	N/A	624	8.008	24.608
1	0	0	1	1	1	0	0	0	1	N/A	625	8.071	24.671
1	0	0	1	1	1	0	0	1	0	N/A	626	8.134	24.734
1	0	0	1	1	1	0	0	1	1	N/A	627	8.197	24.797
1	0	0	1	1	1	0	1	0	0	N/A	628	8.260	24.860
1	0	0	1	1	1	0	1	0	1	N/A	629	8.323	24.923
1	0	0	1	1	1	0	1	1	0	N/A	630	8.386	24.986
1	0	0	1	1	1	0	1	1	1	N/A	631	8.449	25.049
1	0	0	1	1	1	1	0	0	0	N/A	632	8.512	25.112
1	0	0	1	1	1	1	0	0	1	N/A	633	8.575	25.175
1	0	0	1	1	1	1	0	1	0	N/A	634	8.638	25.238
1	0	0	1	1	1	1	0	1	1	N/A	635	8.701	25.301

1	0	0	1	1	1	1	1	0	0	N/A	636	8.764	25.364
1	0	0	1	1	1	1	1	0	1	N/A	637	8.827	25.427
1	0	0	1	1	1	1	1	1	0	N/A	638	8.890	25.490
1	0	0	1	1	1	1	1	1	1	N/A	639	8.953	25.553
1	0	1	0	0	0	0	0	0	0	N/A	640	8.400	25.000
1	0	1	0	0	0	0	0	0	1	N/A	641	8.463	25.063
1	0	1	0	0	0	0	0	1	0	N/A	642	8.526	25.126
1	0	1	0	0	0	0	0	1	1	N/A	643	8.589	25.189
1	0	1	0	0	0	0	1	0	0	N/A	644	8.652	25.252
1	0	1	0	0	0	0	1	0	1	N/A	645	8.715	25.315
1	0	1	0	0	0	0	1	1	0	N/A	646	8.778	25.378
1	0	1	0	0	0	0	1	1	1	N/A	647	8.841	25.441
1	0	1	0	0	0	1	0	0	0	N/A	648	8.904	25.504
1	0	1	0	0	0	1	0	0	1	N/A	649	8.967	25.567
1	0	1	0	0	0	1	0	1	0	N/A	650	9.030	25.630
1	0	1	0	0	0	1	0	1	1	N/A	651	9.093	25.693
1	0	1	0	0	0	1	1	0	0	N/A	652	9.156	25.756
1	0	1	0	0	0	1	1	0	1	N/A	653	9.219	25.819
1	0	1	0	0	0	1	1	1	0	N/A	654	9.282	25.882
1	0	1	0	0	0	1	1	1	1	N/A	655	9.345	25.945
1	0	1	0	0	1	0	0	0	0	N/A	656	9.408	26.008
1	0	1	0	0	1	0	0	0	1	N/A	657	9.471	26.071
1	0	1	0	0	1	0	0	1	0	N/A	658	9.534	26.134
1	0	1	0	0	1	0	0	1	1	N/A	659	9.597	26.197
1	0	1	0	0	1	0	1	0	0	N/A	660	9.660	26.260
1	0	1	0	0	1	0	1	0	1	N/A	661	9.723	26.323
1	0	1	0	0	1	0	1	1	0	N/A	662	9.786	26.386
1	0	1	0	0	1	0	1	1	1	N/A	663	9.849	26.449
1	0	1	0	0	1	1	0	0	0	N/A	664	9.912	26.512
1	0	1	0	0	1	1	0	0	1	N/A	665	9.975	26.575
1	0	1	0	0	1	1	0	1	0	N/A	666	10.038	26.638
1	0	1	0	0	1	1	0	1	1	N/A	667	10.101	26.701
1	0	1	0	0	1	1	1	0	0	N/A	668	10.164	26.764
1	0	1	0	0	1	1	1	0	1	N/A	669	10.227	26.827

1	0	1	0	0	1	1	1	1	0	N/A	670	10.290	26.890
1	0	1	0	0	1	1	1	1	1	N/A	671	10.353	26.953
1	0	1	0	1	0	0	0	0	0	N/A	672	9.800	26.400
1	0	1	0	1	0	0	0	0	1	N/A	673	9.863	26.463
1	0	1	0	1	0	0	0	1	0	N/A	674	9.926	26.526
1	0	1	0	1	0	0	0	1	1	N/A	675	9.989	26.589
1	0	1	0	1	0	0	1	0	0	N/A	676	10.052	26.652
1	0	1	0	1	0	0	1	0	1	N/A	677	10.115	26.715
1	0	1	0	1	0	0	1	1	0	N/A	678	10.178	26.778
1	0	1	0	1	0	0	1	1	1	N/A	679	10.241	26.841
1	0	1	0	1	0	1	0	0	0	N/A	680	10.304	26.904
1	0	1	0	1	0	1	0	0	1	N/A	681	10.367	26.967
1	0	1	0	1	0	1	0	1	0	N/A	682	10.430	27.030
1	0	1	0	1	0	1	0	1	1	N/A	683	10.493	27.093
1	0	1	0	1	0	1	1	0	0	N/A	684	10.556	27.156
1	0	1	0	1	0	1	1	0	1	N/A	685	10.619	27.219
1	0	1	0	1	0	1	1	1	0	N/A	686	10.682	27.282
1	0	1	0	1	0	1	1	1	1	N/A	687	10.745	27.345
1	0	1	0	1	1	0	0	0	0	N/A	688	10.808	27.408
1	0	1	0	1	1	0	0	0	1	N/A	689	10.871	27.471
1	0	1	0	1	1	0	0	1	0	N/A	690	10.934	27.534
1	0	1	0	1	1	0	0	1	1	N/A	691	10.997	27.597
1	0	1	0	1	1	0	1	0	0	N/A	692	11.060	27.660
1	0	1	0	1	1	0	1	0	1	N/A	693	11.123	27.723
1	0	1	0	1	1	0	1	1	0	N/A	694	11.186	27.786
1	0	1	0	1	1	0	1	1	1	N/A	695	11.249	27.849
1	0	1	0	1	1	1	0	0	0	N/A	696	11.312	27.912
1	0	1	0	1	1	1	0	0	1	N/A	697	11.375	27.975
1	0	1	0	1	1	1	0	1	0	N/A	698	11.438	28.038
1	0	1	0	1	1	1	0	1	1	N/A	699	11.501	28.101
1	0	1	0	1	1	1	1	0	0	N/A	700	11.564	28.164
1	0	1	0	1	1	1	1	0	1	N/A	701	11.627	28.227
1	0	1	0	1	1	1	1	1	0	N/A	702	11.690	28.290
1	0	1	0	1	1	1	1	1	1	N/A	703	11.753	28.353

1	0	1	1	0	0	0	0	0	0	N/A	704	11.200	27.800
1	0	1	1	0	0	0	0	0	1	N/A	705	11.263	27.863
1	0	1	1	0	0	0	0	1	0	N/A	706	11.326	27.926
1	0	1	1	0	0	0	0	1	1	N/A	707	11.389	27.989
1	0	1	1	0	0	0	1	0	0	N/A	708	11.452	28.052
1	0	1	1	0	0	0	1	0	1	N/A	709	11.515	28.115
1	0	1	1	0	0	0	1	1	0	N/A	710	11.578	28.178
1	0	1	1	0	0	0	1	1	1	N/A	711	11.641	28.241
1	0	1	1	0	0	1	0	0	0	N/A	712	11.704	28.304
1	0	1	1	0	0	1	0	0	1	N/A	713	11.767	28.367
1	0	1	1	0	0	1	0	1	0	N/A	714	11.830	28.430
1	0	1	1	0	0	1	0	1	1	N/A	715	11.893	28.493
1	0	1	1	0	0	1	1	0	0	N/A	716	11.956	28.556
1	0	1	1	0	0	1	1	0	1	N/A	717	12.019	28.619
1	0	1	1	0	0	1	1	1	0	N/A	718	12.082	28.682
1	0	1	1	0	0	1	1	1	1	N/A	719	12.145	28.745
1	0	1	1	0	1	0	0	0	0	N/A	720	12.208	28.808
1	0	1	1	0	1	0	0	0	1	N/A	721	12.271	28.871
1	0	1	1	0	1	0	0	1	0	N/A	722	12.334	28.934
1	0	1	1	0	1	0	0	1	1	N/A	723	12.397	28.997
1	0	1	1	0	1	0	1	0	0	N/A	724	12.460	29.060
1	0	1	1	0	1	0	1	0	1	N/A	725	12.523	29.123
1	0	1	1	0	1	0	1	1	0	N/A	726	12.586	29.186
1	0	1	1	0	1	0	1	1	1	N/A	727	12.649	29.249
1	0	1	1	0	1	1	0	0	0	N/A	728	12.712	29.312
1	0	1	1	0	1	1	0	0	1	N/A	729	12.775	29.375
1	0	1	1	0	1	1	0	1	0	N/A	730	12.838	29.438
1	0	1	1	0	1	1	0	1	1	N/A	731	12.901	29.501
1	0	1	1	0	1	1	1	0	0	N/A	732	12.964	29.564
1	0	1	1	0	1	1	1	0	1	N/A	733	13.027	29.627
1	0	1	1	0	1	1	1	1	0	N/A	734	13.090	29.690
1	0	1	1	0	1	1	1	1	1	N/A	735	13.153	29.753
1	0	1	1	1	0	0	0	0	0	N/A	736	12.600	29.200
1	0	1	1	1	0	0	0	0	1	N/A	737	12.663	29.263

1	0	1	1	1	0	0	0	1	0	N/A	738	12.726	29.326
1	0	1	1	1	0	0	0	1	1	N/A	739	12.789	29.389
1	0	1	1	1	0	0	1	0	0	N/A	740	12.852	29.452
1	0	1	1	1	0	0	1	0	1	N/A	741	12.915	29.515
1	0	1	1	1	0	0	1	1	0	N/A	742	12.978	29.578
1	0	1	1	1	0	0	1	1	1	N/A	743	13.041	29.641
1	0	1	1	1	0	1	0	0	0	N/A	744	13.104	29.704
1	0	1	1	1	0	1	0	0	1	N/A	745	13.167	29.767
1	0	1	1	1	0	1	0	1	0	N/A	746	13.230	29.830
1	0	1	1	1	0	1	0	1	1	N/A	747	13.293	29.893
1	0	1	1	1	0	1	1	0	0	N/A	748	13.356	29.956
1	0	1	1	1	0	1	1	0	1	N/A	749	13.419	30.019
1	0	1	1	1	0	1	1	1	0	N/A	750	13.482	30.082
1	0	1	1	1	0	1	1	1	1	N/A	751	13.545	30.145
1	0	1	1	1	1	0	0	0	0	N/A	752	13.608	30.208
1	0	1	1	1	1	0	0	0	1	N/A	753	13.671	30.271
1	0	1	1	1	1	0	0	1	0	N/A	754	13.734	30.334
1	0	1	1	1	1	0	0	1	1	N/A	755	13.797	30.397
1	0	1	1	1	1	0	1	0	0	N/A	756	13.860	30.460
1	0	1	1	1	1	0	1	0	1	N/A	757	13.923	30.523
1	0	1	1	1	1	0	1	1	0	N/A	758	13.986	30.586
1	0	1	1	1	1	0	1	1	1	N/A	759	14.049	30.649
1	0	1	1	1	1	1	0	0	0	N/A	760	14.112	30.712
1	0	1	1	1	1	1	0	0	1	N/A	761	14.175	30.775
1	0	1	1	1	1	1	0	1	0	N/A	762	14.238	30.838
1	0	1	1	1	1	1	0	1	1	N/A	763	14.301	30.901
1	0	1	1	1	1	1	1	0	0	N/A	764	14.364	30.964
1	0	1	1	1	1	1	1	0	1	N/A	765	14.427	31.027
1	0	1	1	1	1	1	1	1	0	N/A	766	14.490	31.090
1	0	1	1	1	1	1	1	1	1	N/A	767	14.553	31.153
1	1	0	0	0	0	0	0	0	0	N/A	768	2.800	25.800
1	1	0	0	0	0	0	0	0	1	N/A	769	2.863	25.863
1	1	0	0	0	0	0	0	1	0	N/A	770	2.926	25.926
1	1	0	0	0	0	0	0	1	1	N/A	771	2.989	25.989

1	1	0	0	0	0	0	1	0	0	N/A	772	3.052	26.052
1	1	0	0	0	0	0	1	0	1	N/A	773	3.115	26.115
1	1	0	0	0	0	0	1	1	0	N/A	774	3.178	26.178
1	1	0	0	0	0	0	1	1	1	N/A	775	3.241	26.241
1	1	0	0	0	0	0	1	0	0	N/A	776	3.304	26.304
1	1	0	0	0	0	0	1	0	1	N/A	777	3.367	26.367
1	1	0	0	0	0	0	1	0	1	N/A	778	3.430	26.430
1	1	0	0	0	0	0	1	0	1	N/A	779	3.493	26.493
1	1	0	0	0	0	0	1	1	0	N/A	780	3.556	26.556
1	1	0	0	0	0	0	1	1	0	N/A	781	3.619	26.619
1	1	0	0	0	0	0	1	1	1	N/A	782	3.682	26.682
1	1	0	0	0	0	0	1	1	1	N/A	783	3.745	26.745
1	1	0	0	0	1	0	0	0	0	N/A	784	3.808	26.808
1	1	0	0	0	1	0	0	0	1	N/A	785	3.871	26.871
1	1	0	0	0	1	0	0	1	0	N/A	786	3.934	26.934
1	1	0	0	0	1	0	0	1	1	N/A	787	3.997	26.997
1	1	0	0	0	1	0	1	0	0	N/A	788	4.060	27.060
1	1	0	0	0	1	0	1	0	1	N/A	789	4.123	27.123
1	1	0	0	0	1	0	1	1	0	N/A	790	4.186	27.186
1	1	0	0	0	1	0	1	1	1	N/A	791	4.249	27.249
1	1	0	0	0	1	1	0	0	0	N/A	792	4.312	27.312
1	1	0	0	0	1	1	0	0	1	N/A	793	4.375	27.375
1	1	0	0	0	1	1	0	1	0	N/A	794	4.438	27.438
1	1	0	0	0	1	1	0	1	1	N/A	795	4.501	27.501
1	1	0	0	0	1	1	1	0	0	N/A	796	4.564	27.564
1	1	0	0	0	1	1	1	0	1	N/A	797	4.627	27.627
1	1	0	0	0	1	1	1	1	0	N/A	798	4.690	27.690
1	1	0	0	0	1	1	1	1	1	N/A	799	4.753	27.753
1	1	0	0	1	0	0	0	0	0	N/A	800	4.200	27.200
1	1	0	0	1	0	0	0	0	1	N/A	801	4.263	27.263
1	1	0	0	1	0	0	0	1	0	N/A	802	4.326	27.326
1	1	0	0	1	0	0	0	1	1	N/A	803	4.389	27.389
1	1	0	0	1	0	0	1	0	0	N/A	804	4.452	27.452
1	1	0	0	1	0	0	1	0	1	N/A	805	4.515	27.515

1	1	0	0	1	0	0	1	1	0	N/A	806	4.578	27.578
1	1	0	0	1	0	0	1	1	1	N/A	807	4.641	27.641
1	1	0	0	1	0	1	0	0	0	N/A	808	4.704	27.704
1	1	0	0	1	0	1	0	0	1	N/A	809	4.767	27.767
1	1	0	0	1	0	1	0	1	0	N/A	810	4.830	27.830
1	1	0	0	1	0	1	0	1	1	N/A	811	4.893	27.893
1	1	0	0	1	0	1	1	0	0	N/A	812	4.956	27.956
1	1	0	0	1	0	1	1	0	1	N/A	813	5.019	28.019
1	1	0	0	1	0	1	1	1	0	N/A	814	5.082	28.082
1	1	0	0	1	0	1	1	1	1	N/A	815	5.145	28.145
1	1	0	0	1	1	0	0	0	0	N/A	816	5.208	28.208
1	1	0	0	1	1	0	0	0	1	N/A	817	5.271	28.271
1	1	0	0	1	1	0	0	1	0	N/A	818	5.334	28.334
1	1	0	0	1	1	0	0	1	1	N/A	819	5.397	28.397
1	1	0	0	1	1	0	1	0	0	N/A	820	5.460	28.460
1	1	0	0	1	1	0	1	0	1	N/A	821	5.523	28.523
1	1	0	0	1	1	0	1	1	0	N/A	822	5.586	28.586
1	1	0	0	1	1	0	1	1	1	N/A	823	5.649	28.649
1	1	0	0	1	1	1	0	0	0	N/A	824	5.712	28.712
1	1	0	0	1	1	1	0	0	1	N/A	825	5.775	28.775
1	1	0	0	1	1	1	0	1	0	N/A	826	5.838	28.838
1	1	0	0	1	1	1	0	1	1	N/A	827	5.901	28.901
1	1	0	0	1	1	1	1	0	0	N/A	828	5.964	28.964
1	1	0	0	1	1	1	1	0	1	N/A	829	6.027	29.027
1	1	0	0	1	1	1	1	1	0	N/A	830	6.090	29.090
1	1	0	0	1	1	1	1	1	1	N/A	831	6.153	29.153
1	1	0	1	0	0	0	0	0	0	N/A	832	5.600	28.600
1	1	0	1	0	0	0	0	0	1	N/A	833	5.663	28.663
1	1	0	1	0	0	0	0	1	0	N/A	834	5.726	28.726
1	1	0	1	0	0	0	0	1	1	N/A	835	5.789	28.789
1	1	0	1	0	0	0	1	0	0	N/A	836	5.852	28.852
1	1	0	1	0	0	0	1	0	1	N/A	837	5.915	28.915
1	1	0	1	0	0	0	1	1	0	N/A	838	5.978	28.978
1	1	0	1	0	0	0	1	1	1	N/A	839	6.041	29.041

1	1	0	1	0	0	1	0	0	0	N/A	840	6.104	29.104
1	1	0	1	0	0	1	0	0	1	N/A	841	6.167	29.167
1	1	0	1	0	0	1	0	1	0	N/A	842	6.230	29.230
1	1	0	1	0	0	1	0	1	1	N/A	843	6.293	29.293
1	1	0	1	0	0	1	1	0	0	N/A	844	6.356	29.356
1	1	0	1	0	0	1	1	0	1	N/A	845	6.419	29.419
1	1	0	1	0	0	1	1	1	0	N/A	846	6.482	29.482
1	1	0	1	0	0	1	1	1	1	N/A	847	6.545	29.545
1	1	0	1	0	1	0	0	0	0	N/A	848	6.608	29.608
1	1	0	1	0	1	0	0	0	1	N/A	849	6.671	29.671
1	1	0	1	0	1	0	0	1	0	N/A	850	6.734	29.734
1	1	0	1	0	1	0	0	1	1	N/A	851	6.797	29.797
1	1	0	1	0	1	0	1	0	0	N/A	852	6.860	29.860
1	1	0	1	0	1	0	1	0	1	N/A	853	6.923	29.923
1	1	0	1	0	1	0	1	1	0	N/A	854	6.986	29.986
1	1	0	1	0	1	0	1	1	1	N/A	855	7.049	30.049
1	1	0	1	0	1	1	0	0	0	N/A	856	7.112	30.112
1	1	0	1	0	1	1	0	0	1	N/A	857	7.175	30.175
1	1	0	1	0	1	1	0	1	0	N/A	858	7.238	30.238
1	1	0	1	0	1	1	0	1	1	N/A	859	7.301	30.301
1	1	0	1	0	1	1	1	0	0	N/A	860	7.364	30.364
1	1	0	1	0	1	1	1	0	1	N/A	861	7.427	30.427
1	1	0	1	0	1	1	1	1	0	N/A	862	7.490	30.490
1	1	0	1	0	1	1	1	1	1	N/A	863	7.553	30.553
1	1	0	1	1	0	0	0	0	0	N/A	864	7.000	30.000
1	1	0	1	1	0	0	0	0	1	N/A	865	7.063	30.063
1	1	0	1	1	0	0	0	1	0	N/A	866	7.126	30.126
1	1	0	1	1	0	0	0	1	1	N/A	867	7.189	30.189
1	1	0	1	1	0	0	1	0	0	N/A	868	7.252	30.252
1	1	0	1	1	0	0	1	0	1	N/A	869	7.315	30.315
1	1	0	1	1	0	0	1	1	0	N/A	870	7.378	30.378
1	1	0	1	1	0	0	1	1	1	N/A	871	7.441	30.441
1	1	0	1	1	0	1	0	0	0	N/A	872	7.504	30.504
1	1	0	1	1	0	1	0	0	1	N/A	873	7.567	30.567

1	1	0	1	1	0	1	0	1	0	N/A	874	7.630	30.630
1	1	0	1	1	0	1	0	1	1	N/A	875	7.693	30.693
1	1	0	1	1	0	1	1	0	0	N/A	876	7.756	30.756
1	1	0	1	1	0	1	1	0	1	N/A	877	7.819	30.819
1	1	0	1	1	0	1	1	1	0	N/A	878	7.882	30.882
1	1	0	1	1	0	1	1	1	1	N/A	879	7.945	30.945
1	1	0	1	1	1	0	0	0	0	N/A	880	8.008	31.008
1	1	0	1	1	1	0	0	0	1	N/A	881	8.071	31.071
1	1	0	1	1	1	0	0	1	0	N/A	882	8.134	31.134
1	1	0	1	1	1	0	0	1	1	N/A	883	8.197	31.197
1	1	0	1	1	1	0	1	0	0	N/A	884	8.260	31.260
1	1	0	1	1	1	0	1	0	1	N/A	885	8.323	31.323
1	1	0	1	1	1	0	1	1	0	N/A	886	8.386	31.386
1	1	0	1	1	1	0	1	1	1	N/A	887	8.449	31.449
1	1	0	1	1	1	1	0	0	0	N/A	888	8.512	31.512
1	1	0	1	1	1	1	0	0	1	N/A	889	8.575	31.575
1	1	0	1	1	1	1	0	1	0	N/A	890	8.638	31.638
1	1	0	1	1	1	1	0	1	1	N/A	891	8.701	31.701
1	1	0	1	1	1	1	1	0	0	N/A	892	8.764	31.764
1	1	0	1	1	1	1	1	0	1	N/A	893	8.827	31.827
1	1	0	1	1	1	1	1	1	0	N/A	894	8.890	31.890
1	1	0	1	1	1	1	1	1	1	N/A	895	8.953	31.953
1	1	1	0	0	0	0	0	0	0	N/A	896	8.400	31.400
1	1	1	0	0	0	0	0	0	1	N/A	897	8.463	31.463
1	1	1	0	0	0	0	0	1	0	N/A	898	8.526	31.526
1	1	1	0	0	0	0	0	1	1	N/A	899	8.589	31.589
1	1	1	0	0	0	0	1	0	0	N/A	900	8.652	31.652
1	1	1	0	0	0	0	1	0	1	N/A	901	8.715	31.715
1	1	1	0	0	0	0	1	1	0	N/A	902	8.778	31.778
1	1	1	0	0	0	0	1	1	1	N/A	903	8.841	31.841
1	1	1	0	0	0	1	0	0	0	N/A	904	8.904	31.904
1	1	1	0	0	0	1	0	0	1	N/A	905	8.967	31.967
1	1	1	0	0	0	1	0	1	0	N/A	906	9.030	32.030
1	1	1	0	0	0	1	0	1	1	N/A	907	9.093	32.093

1	1	1	0	0	0	1	1	0	0	N/A	908	9.156	32.156
1	1	1	0	0	0	1	1	0	1	N/A	909	9.219	32.219
1	1	1	0	0	0	1	1	1	0	N/A	910	9.282	32.282
1	1	1	0	0	0	1	1	1	1	N/A	911	9.345	32.345
1	1	1	0	0	1	0	0	0	0	N/A	912	9.408	32.408
1	1	1	0	0	1	0	0	0	1	N/A	913	9.471	32.471
1	1	1	0	0	1	0	0	1	0	N/A	914	9.534	32.534
1	1	1	0	0	1	0	0	1	1	N/A	915	9.597	32.597
1	1	1	0	0	1	0	1	0	0	N/A	916	9.660	32.660
1	1	1	0	0	1	0	1	0	1	N/A	917	9.723	32.723
1	1	1	0	0	1	0	1	1	0	N/A	918	9.786	32.786
1	1	1	0	0	1	0	1	1	1	N/A	919	9.849	32.849
1	1	1	0	0	1	1	0	0	0	N/A	920	9.912	32.912
1	1	1	0	0	1	1	0	0	1	N/A	921	9.975	32.975
1	1	1	0	0	1	1	0	1	0	N/A	922	10.038	33.038
1	1	1	0	0	1	1	0	1	1	N/A	923	10.101	33.101
1	1	1	0	0	1	1	1	0	0	N/A	924	10.164	33.164
1	1	1	0	0	1	1	1	0	1	N/A	925	10.227	33.227
1	1	1	0	0	1	1	1	1	0	N/A	926	10.290	33.290
1	1	1	0	0	1	1	1	1	1	N/A	927	10.353	33.353
1	1	1	0	1	0	0	0	0	0	N/A	928	9.800	32.800
1	1	1	0	1	0	0	0	0	1	N/A	929	9.863	32.863
1	1	1	0	1	0	0	0	1	0	N/A	930	9.926	32.926
1	1	1	0	1	0	0	0	1	1	N/A	931	9.989	32.989
1	1	1	0	1	0	0	1	0	0	N/A	932	10.052	33.052
1	1	1	0	1	0	0	1	0	1	N/A	933	10.115	33.115
1	1	1	0	1	0	0	1	1	0	N/A	934	10.178	33.178
1	1	1	0	1	0	0	1	1	1	N/A	935	10.241	33.241
1	1	1	0	1	0	1	0	0	0	N/A	936	10.304	33.304
1	1	1	0	1	0	1	0	0	1	N/A	937	10.367	33.367
1	1	1	0	1	0	1	0	1	0	N/A	938	10.430	33.430
1	1	1	0	1	0	1	0	1	1	N/A	939	10.493	33.493
1	1	1	0	1	0	1	1	0	0	N/A	940	10.556	33.556
1	1	1	0	1	0	1	1	0	1	N/A	941	10.619	33.619

1	1	1	0	1	0	1	1	1	0	N/A	942	10.682	33.682
1	1	1	0	1	0	1	1	1	1	N/A	943	10.745	33.745
1	1	1	0	1	1	0	0	0	0	N/A	944	10.808	33.808
1	1	1	0	1	1	0	0	0	1	N/A	945	10.871	33.871
1	1	1	0	1	1	0	0	1	0	N/A	946	10.934	33.934
1	1	1	0	1	1	0	0	1	1	N/A	947	10.997	33.997
1	1	1	0	1	1	0	1	0	0	N/A	948	11.060	34.060
1	1	1	0	1	1	0	1	0	1	N/A	949	11.123	34.123
1	1	1	0	1	1	0	1	1	0	N/A	950	11.186	34.186
1	1	1	0	1	1	0	1	1	1	N/A	951	11.249	34.249
1	1	1	0	1	1	1	0	0	0	N/A	952	11.312	34.312
1	1	1	0	1	1	1	0	0	1	N/A	953	11.375	34.375
1	1	1	0	1	1	1	0	1	0	N/A	954	11.438	34.438
1	1	1	0	1	1	1	0	1	1	N/A	955	11.501	34.501
1	1	1	0	1	1	1	1	0	0	N/A	956	11.564	34.564
1	1	1	0	1	1	1	1	0	1	N/A	957	11.627	34.627
1	1	1	0	1	1	1	1	1	0	N/A	958	11.690	34.690
1	1	1	0	1	1	1	1	1	1	N/A	959	11.753	34.753
1	1	1	1	0	0	0	0	0	0	N/A	960	11.200	34.200
1	1	1	1	0	0	0	0	0	1	N/A	961	11.263	34.263
1	1	1	1	0	0	0	0	1	0	N/A	962	11.326	34.326
1	1	1	1	0	0	0	0	1	1	N/A	963	11.389	34.389
1	1	1	1	0	0	0	1	0	0	N/A	964	11.452	34.452
1	1	1	1	0	0	0	1	0	1	N/A	965	11.515	34.515
1	1	1	1	0	0	0	1	1	0	N/A	966	11.578	34.578
1	1	1	1	0	0	0	1	1	1	N/A	967	11.641	34.641
1	1	1	1	0	0	1	0	0	0	N/A	968	11.704	34.704
1	1	1	1	0	0	1	0	0	1	N/A	969	11.767	34.767
1	1	1	1	0	0	1	0	1	0	N/A	970	11.830	34.830
1	1	1	1	0	0	1	0	1	1	N/A	971	11.893	34.893
1	1	1	1	0	0	1	1	0	0	N/A	972	11.956	34.956
1	1	1	1	0	0	1	1	0	1	N/A	973	12.019	35.019
1	1	1	1	0	0	1	1	1	0	N/A	974	12.082	35.082
1	1	1	1	0	0	1	1	1	1	N/A	975	12.145	35.145

1	1	1	1	0	1	0	0	0	0	N/A	976	12.208	35.208
1	1	1	1	0	1	0	0	0	1	N/A	977	12.271	35.271
1	1	1	1	0	1	0	0	1	0	N/A	978	12.334	35.334
1	1	1	1	0	1	0	0	1	1	N/A	979	12.397	35.397
1	1	1	1	0	1	0	1	0	0	N/A	980	12.460	35.460
1	1	1	1	0	1	0	1	0	1	N/A	981	12.523	35.523
1	1	1	1	0	1	0	1	1	0	N/A	982	12.586	35.586
1	1	1	1	0	1	0	1	1	1	N/A	983	12.649	35.649
1	1	1	1	0	1	1	0	0	0	N/A	984	12.712	35.712
1	1	1	1	0	1	1	0	0	1	N/A	985	12.775	35.775
1	1	1	1	0	1	1	0	1	0	N/A	986	12.838	35.838
1	1	1	1	0	1	1	0	1	1	N/A	987	12.901	35.901
1	1	1	1	0	1	1	1	0	0	N/A	988	12.964	35.964
1	1	1	1	0	1	1	1	0	1	N/A	989	13.027	36.027
1	1	1	1	0	1	1	1	1	0	N/A	990	13.090	36.090
1	1	1	1	0	1	1	1	1	1	N/A	991	13.153	36.153
1	1	1	1	1	0	0	0	0	0	N/A	992	12.600	35.600
1	1	1	1	1	0	0	0	0	1	N/A	993	12.663	35.663
1	1	1	1	1	0	0	0	1	0	N/A	994	12.726	35.726
1	1	1	1	1	0	0	0	1	1	N/A	995	12.789	35.789
1	1	1	1	1	0	0	1	0	0	N/A	996	12.852	35.852
1	1	1	1	1	0	0	1	0	1	N/A	997	12.915	35.915
1	1	1	1	1	0	0	1	1	0	N/A	998	12.978	35.978
1	1	1	1	1	0	0	1	1	1	N/A	999	13.041	36.041
1	1	1	1	1	0	1	0	0	0	N/A	1000	13.104	36.104
1	1	1	1	1	0	1	0	0	1	N/A	1001	13.167	36.167
1	1	1	1	1	0	1	0	1	0	N/A	1002	13.230	36.230
1	1	1	1	1	0	1	0	1	1	N/A	1003	13.293	36.293
1	1	1	1	1	0	1	1	0	0	N/A	1004	13.356	36.356
1	1	1	1	1	0	1	1	0	1	N/A	1005	13.419	36.419
1	1	1	1	1	0	1	1	1	0	N/A	1006	13.482	36.482
1	1	1	1	1	0	1	1	1	1	N/A	1007	13.545	36.545
1	1	1	1	1	1	0	0	0	0	N/A	1008	13.608	36.608
1	1	1	1	1	1	0	0	0	1	N/A	1009	13.671	36.671

1	1	1	1	1	1	0	0	1	0	N/A	1010	13.734	36.734
1	1	1	1	1	1	0	0	1	1	N/A	1011	13.797	36.797
1	1	1	1	1	1	0	1	0	0	N/A	1012	13.860	36.860
1	1	1	1	1	1	0	1	0	1	N/A	1013	13.923	36.923
1	1	1	1	1	1	0	1	1	0	N/A	1014	13.986	36.986
1	1	1	1	1	1	0	1	1	1	N/A	1015	14.049	37.049
1	1	1	1	1	1	1	0	0	0	N/A	1016	14.112	37.112
1	1	1	1	1	1	1	0	0	1	N/A	1017	14.175	37.175
1	1	1	1	1	1	1	0	1	0	N/A	1018	14.238	37.238
1	1	1	1	1	1	1	0	1	1	N/A	1019	14.301	37.301
1	1	1	1	1	1	1	1	0	0	N/A	1020	14.364	37.364
1	1	1	1	1	1	1	1	0	1	N/A	1021	14.427	37.427
1	1	1	1	1	1	1	1	1	0	N/A	1022	14.490	37.490
1	1	1	1	1	1	1	1	1	1	N/A	1023	14.553	37.553