									1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21											22	23
b	e	AC	FM	UC	DL	DS	DP	DR	LB	AC	FM	UC	DL	DS	DP	ASTV	MSTV	ALTV	MLTV	Width	Min	Max	Nmax	Nzeros	Mode	Mean	Median	Variance	Tendency	A	B	C	D	E	AD	DE	LD	FS	SUSP	CLASS	NSP
240	357	0	0	0	0	0	0	0	120	0.000	0.000	0.000	0.000	0.000	0.000	73	0.5	43	2.4	64	62	126	2	0	120	137	121	73	1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	9	2
5	632	4	0	4	2	0	0	0	132	0.006	0.000	0.006	0.003	0.000	0.000	17	2.1	0	10.4	130	68	198	6	0	141	136	140	12	0	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	6	1
177	779	2	0	5	2	0	0	0	133	0.003	0.000	0.008	0.003	0.000	0.000	16	2.1	0	13.4	130	68	198	5	1	141	135	138	13	0	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	6	1
411	1192	2	0	6	2	0	0	0	134	0.003	0.000	0.008	0.003	0.000	0.000	16	2.4	0	23	117	53	170	11	0	137	134	137	13	1	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	6	1
533	1147	4	0	5	0	0	0	0	132	0.007	0.000	0.008	0.000	0.000	0.000	16	2.4	0	19.9	117	53	170	9	0	137	136	138	11	1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	2	1
0	953	1	0	10	9	0	2	0	134	0.001	0.000	0.010	0.009	0.000	0.002	26	5.9	0	0	150	50	200	5	3	76	107	107	170	0	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	8	3
240	953	1	0	9	6	0	2	0	134	0.001	0.000	0.013	0.008	0.000	0.003	29	6.3	0	0	150	50	200	6	3	71	107	106	215	0	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	8	3
62	679	0	0	0	6	0	0	0	122	0.000	0.000	0.000	0.000	0.000	0.000	83	0.5	6	15.6	68	62	130	0	0	122	122	123	3	1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	9	3
120	779	0	0	1	0	0	0	0	122	0.000	0.000	0.002	0.000	0.000	0.000	84	0.5	5	13.6	68	62	130	0	0	122	122	123	3	1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	9	3
181	1192	0	0	3	0	0	0	0	122	0.000	0.000	0.003	0.000	0.000	0.000	86	0.3	6	10.6	68	62	130	1	0	122	122	123	1	1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	9	3
0	1199	0	0	1	1	0	0	0	151	0.000	0.000	0.001	0.001	0.000	0.000	64	1.9	9	27.6	130	56	186	2	0	150	148	151	9	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	10	2
57	1074	0	0	1	1	0	0	0	150	0.000	0.000	0.001	0.001	0.000	0.000	64	2	8	29.5	130	56	186	5	0	150	148	151	10	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	10	2
52	840	4	57	6	2	0	0	0	131	0.005	0.072	0.008	0.003	0.000	0.000	28	1.4	0	12.9	66	88	154	5	0	135	134	137	7	1	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	6	1
531	1192	6	147	4	1	0	0	0	131	0.009	0.222	0.006	0.002	0.000	0.000	28	1.5	0	5.4	87	71	158	2	0	141	137	141	10	1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	2	1
0	1199	7	489	5	6	0	1	0	130	0.006	0.408	0.004	0.005	0.000	0.001	21	2.3	0	7.9	107	67	174	7	0	143	125	135	76	0	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	6	1
0	718	4	273	3	3	0	1	0	130	0.006	0.380	0.004	0.004	0.000	0.001	19	2.3	0	8.7	107	67	174	3	0	134	127	133	43	0	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	6	1
537	1194	4	290	3	3	0	0	0	130	0.006	0.441	0.005	0.005	0.000	0.000	24	2.1	0	10.9	125	53	178	5	0	143	128	138	70	1	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	6	1
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8	711	2	317	4	3	0	1	0	130	0.003	0.451	0.006	0.004	0.000	0.001	23	1.9	0	8.8	99	59	158	6	0	133	124	129	36	1	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	6	1
7	1194	6	557	6	5	0	1	0	130	0.005	0.469	0.005	0.004	0.000	0.001	29	1.7	0	7.8	112	65	177	6	1	133	129	133	27	0	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	6	1
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3	643	3	272	2	2	0	1	0	128	0.005	0.425	0.003	0.003	0.000	0.002	26	1.7	0	6.7	141	57	198	9	0	129	125	132	34	0	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	6	1
538	1194	0	219	2	2	0	2	0	128	0.000	0.334	0.003	0.003	0.000	0.003	34	2.5	0	4	145	54	199	11	1	75	99	102	148	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	8	3
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8	612	0	0	2	0	0	0	0	128	0.000	0.000	0.003	0.000	0.000	0.000	86	0.3	79	2.9	16	114	130	0	0	128	126	129	0	1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	9	3
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0	1199	0	162	1	10	0	1	0	132	0.000	0.135	0.001	0.008	0.000	0.001	29	4.4	0	10.5	141	50	191	7	0	133	119	129	73	0	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	7	2
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472	1194	0	64	1	7	0	0	0	132	0.000	0.089	0.001	0.010	0.000	0.000	29	2.9	0	15.1	144	50	194	11	1	133	124	130	35	0	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	7	1
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1	659	3	0	3	2	0	0	0	114	0.005	0.000	0.005	0.003	0.000	0.000	24	3.2	0	16.2	134	52	186	8	0	117	115	117	19	0	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	6	1
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5	664	1	25	3	0	0	0	0	116	0.002	0.038	0.005	0.000	0.000	0.000	40	1.6	1	13.3	93	55	148	6	0	127	124	127	9	1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	1
414	1191	3	9	4	0	0	0	0	116	0.004	0.012	0.005	0.000	0.000	0.000	40	1.8	1	11.4	142	52	194	13	1	125	122	125	9	0	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	2	1
5	783	0	14	2	4	0	0	0	122	0.000	0.018	0.003	0.005	0.000	0.000	22	4.4	0	15.2	150	50	200	7	0	119	113	117	24	0	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	7	1
5	700	0	14	2	4	0	0	0	122	0.000	0.020	0.003	0.006	0.000	0.000	21	4.7	0	15.7	150	50	200	8	0	116	112	117	23	0	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	7	1
19	659	0	3	5	2	0	0	0	122	0.000	0.005	0.008	0.003	0.000	0.000	17	4.9	0	22.1	145	53	198	13	0	127	122	126	25	0	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	2	1
0	896	2	3	5	2	0	0	0	122	0.002	0.003	0.006	0.002	0.000	0.000	20	5	0	21.1	148	50	198	11	0	127	124	127	28	0	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	6	1
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0	1199	6	0	9	1	0	0	0	158	0.005	0.000	0.008	0.001	0.000	0.000	27	1.7	0	14.9	120	77	197	7	0	170	168	170	14	1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	2	1
449	1191	4	0	6	0	0	0	0	158	0.005	0.000	0.008	0.000	0.000	0.000	29	1.3	0	12.8	55	142	197	4	0	170	171	172	9	1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	2	1
528	1192	0	0	8	5	0	0	0	156	0.000	0.000	0.012	0.008	0.000	0.000	43	4.1	0	22.2	150	50	200	7	1	151	142	152	72	1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	7	1
12	718	0	0	8	6	0	1	0	156	0.000	0.000	0.011	0.008	0.000	0.001	34	5.4	0	3.3	150	50	200	8	0	117	131	136	108	0	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	7	1
0	1199	0	1	0	1	0	0	0	150	0.000	0.001	0.000	0.001	0.000	0.000	61	0.5	40	6.2	31	130	161	2	0	154	152	154	1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	10	2
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93	1200	0	0	1	0	0	0	0	149	0.000	0.000	0.000	0.001	0.000	0.000	58	1.3	53	13.2	126	58	184	12	1	150	148	151	8	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	10	2
8	659	0	4	0	0	0	0	0	146	0.000	0.000	0.006	0.000	0.000	0.000	39	0.8	15	5.5	148	16	148	1	0	154	155	156	1	0	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	1
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477	1264	4	0	4	0	0	0	0	146	0.005	0.000	0.005	0.000	0.000	0.000	39	0.9	18	5.2	44	134	178	5	0	154	154	155	1	0	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	2	1
537	1192	3	0	3	0	0	0	0	146	0.005	0.000	0.005	0.000	0.000	0.000	39	0.8	21	5.2	28	143	171	2	0	154	153	154	1	0	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	2	1
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1307	2087	1	0	4	0	0	0	0	141	0.001	0.000	0.005	0.000	0.000	0.000	25	1.5	0	13.4	103	74	177	10	0	142	143	144	4	1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1	3	1
228	955	0	0	3	0	0	0	0	150	0.000	0.000	0.004	0.000	0.000	0.000	40	0.8	37	5.7	18	143	161	1	0	153	153	154	0	0	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	1

```
377  1142  1  0   3  0 0 0 0   138 0.001 0.000 0.004 0.000 0.000 0.000   44  1    20  11.9  99  81  180  9  2  162 156 159  8   1     -1 -1 -1 -1  1 -1 -1 -1 -1 -1    5  1
 10   697  5  0   3  0 0 0 0   140 0.007 0.000 0.004 0.000 0.000 0.000   34  1.2   0  10.3  60 119  179  2  0  156 153 155  5   0     -1  1 -1 -1 -1 -1 -1 -1 -1 -1    2  1
 10   697  5  0   3  0 0 0 0   140 0.007 0.000 0.004 0.000 0.000 0.000   34  1.2   0  10.3  60 119  179  2  0  156 153 155  5   0     -1  1 -1 -1 -1 -1 -1 -1 -1 -1    2  1
1620 2822  0  0   6  0 0 0 0   144 0.000 0.000 0.005 0.000 0.000 0.000   46  0.8   1  13    37 132  169  4  0  162 158 160  5   1     -1 -1 -1 -1  1 -1 -1 -1 -1 -1    5  1
1909 2719  1  0   4  0 0 0 0   144 0.001 0.000 0.005 0.000 0.000 0.000   45  0.8   2  11.5  30 138  168  3  0  162 157 160  5   1     -1 -1 -1 -1  1 -1 -1 -1 -1 -1    5  1
   8 1011 10  6   3  0 0 0 0   140 0.010 0.006 0.003 0.000 0.000 0.000   52  1.6   0  16.2 104  68  172  0  0  144 147 147 14   1     -1  1 -1 -1 -1 -1 -1 -1 -1 -1    2  1
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 479 1433  8  4   4  0 0 0 0   140 0.008 0.004 0.004 0.000 0.000 0.000   52  1.9   0  17.7 108  68  176  2  0  144 147 147 18   1     -1  1 -1 -1 -1 -1 -1 -1 -1 -1    2  1
  55 2074 12  7   7  0 0 0 0   140 0.006 0.003 0.003 0.000 0.000 0.000   56  1.5   1  15.1 108  68  176  3  0  156 150 153 15   1     -1  1 -1 -1 -1 -1 -1 -1 -1 -1    2  1
1341 1852  0  0   2  0 0 0 0   154 0.000 0.000 0.004 0.000 0.000 0.000   65  0.9   0  13.4  92  74  166  2  0  156 158 159  2   1     -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10  2
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  12  573  4  5   1  0 0 0 0   145 0.007 0.009 0.002 0.000 0.000 0.000   36  1.4   0  13.6 119  57  176  3  1  148 150 150 12   1     -1  1 -1 -1 -1 -1 -1 -1 -1 -1    2  1
 238  910  2  2   1  0 0 0 0   145 0.003 0.003 0.001 0.000 0.000 0.000   34  1.7   0  22.3 117  57  174  6  1  150 147 150 11   1     -1  1 -1 -1 -1 -1 -1 -1 -1 -1    2  1
 758 1372  3  6   3  0 0 0 0   145 0.005 0.010 0.005 0.000 0.000 0.000   35  1.9   0  21.3 140  56  196  5  0  148 150 151 12   1     -1  1 -1 -1 -1 -1 -1 -1 -1 -1    2  1
 280  783  0  1   1  0 0 0 0   145 0.000 0.002 0.002 0.000 0.000 0.000   34  1.7   0  25.9 109  57  166  5  1  150 147 150 10   1      1 -1 -1 -1 -1 -1 -1 -1 -1 -1    1  1
1016 1668  1  5   2  0 0 0 0   145 0.002 0.008 0.003 0.000 0.000 0.000   40  1.4   0  18.4 140  56  196  9  1  148 148 149  7   0      1 -1 -1 -1 -1 -1 -1 -1 -1 -1    1  1
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 211  693  0 24   0  4 0 0 0   125 0.000 0.050 0.000 0.008 0.000 0.000   22  3.9   0  13.1 145  52  197  7  1  121 117 121 23   0     -1 -1 -1 -1 -1 -1  1 -1 -1 -1    7  1
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 210  891  0  0   2  0 0 0 0   159 0.000 0.000 0.003 0.000 0.000 0.000   65  0.4  11   6.8  15 153  168  0  0  163 162 164  0   1     -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10  2
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```

```
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170  901  1  0 2 0 0 0 0   116 0.001 0.000 0.003 0.000 0.000 0.000   46 0.7 39  5.5  44  91 135  4  0 120 120 122  1  1    1 -1 -1 -1 -1 -1 -1 -1 -1 -1    1   1
447 1165  0  0 3 1 0 0 0   116 0.000 0.000 0.004 0.001 0.000 0.000   43 0.8 25  5.6  72  56 128  6  0 120 118 121  3  1    1 -1 -1 -1 -1 -1 -1 -1 -1 -1    1   1
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  0  712  1  0 3 1 0 0 0   119 0.001 0.000 0.004 0.001 0.000 0.000   29 1.3  2 10.6  89  77 166  3  1 121 121 123  4  0    1 -1 -1 -1 -1 -1 -1 -1 -1 -1    1   1
  8  619  1  0 2 0 0 0 0   119 0.002 0.000 0.003 0.000 0.000 0.000   30 1.3  2 11.6  89  77 166  3  2 121 122 123  3  0    1 -1 -1 -1 -1 -1 -1 -1 -1 -1    1   1
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194  948 13  0 4 0 0 0 0   138 0.017 0.000 0.005 0.000 0.000 0.000   35 5.3  0  4.5 148  52 200 11  2 146 157 161 72  1   -1  1 -1 -1 -1 -1 -1 -1 -1 -1    4   1
916 1182  0  0 4 2 0 0 0   131 0.000 0.000 0.000 0.008 0.000 0.000   37 1.9  0  3.2  90  58 148  4  1 127 121 126 21  1   -1 -1 -1 -1 -1 -1  1 -1 -1 -1    7   1
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767 1165  5  0 1 1 0 0 0   132 0.013 0.000 0.003 0.003 0.000 0.000   31 4.8  0  5.4 147  52 199  9  1 133 154 163 137 1   -1 -1 -1  1 -1 -1 -1 -1 -1 -1    4   1
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537 1147  0 10 0 0 0 0 0   120 0.000 0.016 0.000 0.000 0.000 0.000   56 0.5 12  8.5  30 103 133  2  0 120 121 122  1  0    1 -1 -1 -1 -1 -1 -1 -1 -1 -1    1   1
```

```
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569 1181  4  0  3  4 0 0 0   127 0.007 0.000 0.005 0.007 0.000 0.000   16 3.4  0  0   138  53 191 11 0 153 124 130 136  0   -1 -1 -1 -1 -1  1 -1 -1 -1 -1    6   1
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  8  470  2  0  6  2 0 0 0   127 0.004 0.000 0.013 0.004 0.000 0.000   13 3.2  0 10.1  98  61 159  3 2 129 124 129  35  1   -1 -1 -1 -1 -1  1 -1 -1 -1 -1    6   1
420 1076  0  0  3  0 0 0 0   127 0.000 0.000 0.005 0.000 0.000 0.000   22 1.5  0 12.3  91 107 198  5 1 135 132 134   3 -1    1 -1 -1 -1 -1 -1 -1 -1 -1 -1    1   1
364 1192  0  0  5  0 0 0 0   127 0.000 0.000 0.006 0.000 0.000 0.000   23 1.5  0 13.2  91 107 198  6 0 135 134 135   4 -1    1 -1 -1 -1 -1 -1 -1 -1 -1 -1    1   1
874 1194  0  0  2  0 0 0 0   127 0.000 0.000 0.006 0.000 0.000 0.000   24 1.7  0 15.8  91 107 198  9 0 135 136 138   7 -1   -1 -1  1 -1 -1 -1 -1 -1 -1 -1    3   1
838 1153  0  0  2  0 0 0 0   127 0.000 0.000 0.006 0.000 0.000 0.000   22 1.7  0 15.5  91 107 198  6 0 135 134 137   6 -1   -1 -1  1 -1 -1 -1 -1 -1 -1 -1    3   1
646 1011  0  0  2  0 0 0 0   127 0.000 0.000 0.005 0.000 0.000 0.000   21 1.7  0 12.4  37 114 151  4 0 128 130 131   2  0    1 -1 -1 -1 -1 -1 -1 -1 -1 -1    1   1
  0 1199  0  0  7  0 0 0 0   128 0.000 0.000 0.006 0.000 0.000 0.000   30 1.2  0 14.2  77 119 196  3 0 148 154 155  13  0   -1 -1 -1 -1  1 -1 -1 -1 -1 -1    5   2
  0 1118  9  0  5  0 0 0 0   124 0.008 0.000 0.004 0.000 0.000 0.000   46  1   0  9.3  92  63 155  6 0 133 133 134   7  1   -1  1 -1 -1 -1 -1 -1 -1 -1 -1    2   1
 39  662  4  0  4  0 0 0 0   124 0.006 0.000 0.006 0.000 0.000 0.000   45 0.9  0  9.2  91  60 151  5 0 133 132 134   5  1   -1  1 -1 -1 -1 -1 -1 -1 -1 -1    2   1
511 1099  4  0  2  0 0 0 0   126 0.007 0.000 0.003 0.000 0.000 0.000   48 0.7  0  6.4  37 118 155  2 0 133 135 135   6  0   -1  1 -1 -1 -1 -1 -1 -1 -1 -1    2   1
359  932  3  0  2  0 0 0 0   126 0.005 0.000 0.003 0.000 0.000 0.000   49 0.7  0  9.7  90  63 153  2 0 133 133 134   4  1   -1  1 -1 -1 -1 -1 -1 -1 -1 -1    2   1
```

```
  0 1199 12  0  8  1  0  0  0   124 0.010 0.000 0.007 0.001 0.000 0.000   34   1    0  3.1   42 106 148   1  0   126 130 130   7  0    -1  1 -1 -1 -1 -1 -1 -1 -1 -1    2    1
551 1183  8  0  4  0  0  0  0   124 0.013 0.000 0.006 0.000 0.000 0.000   34   1    0  0.9   39 110 149   3  0   129 130 131   5  0    -1  1 -1 -1 -1 -1 -1 -1 -1 -1    2    1
  0 1199  2  0  1  0  0  0  0   123 0.002 0.000 0.001 0.000 0.000 0.000   41  1.1  14 13.4   87  58 145  11  1   127 126 127   4  1    -1  1 -1 -1 -1 -1 -1 -1 -1 -1    2    1
170  488  0  0  0  0  0  0  0   123 0.000 0.000 0.000 0.000 0.000 0.000   32  1.1   0 16.9   76  66 142   3  0   125 125 125   4  1    -1 -1  1 -1 -1 -1 -1 -1 -1 -1    3    1
443  882  0  0  0  0  0  0  0   123 0.000 0.000 0.000 0.000 0.000 0.000   44  0.8  34  6.3   82  59 141   4  0   127 126 128   0  1     1 -1 -1 -1 -1 -1 -1 -1 -1 -1    1    1
  1  574  2  0  1  0  0  0  0   123 0.003 0.000 0.002 0.000 0.000 0.000   37  0.9   0 12.8   79  66 145   2  0   125 127 127   4  1    -1  1 -1 -1 -1 -1 -1 -1 -1 -1    2    1
233  862  0  0  0  0  0  0  0   123 0.000 0.000 0.000 0.000 0.000 0.000   41  0.9  23 10.6   83  59 142   4  0   127 125 127   2  1     1 -1 -1 -1 -1 -1 -1 -1 -1 -1    1    1
  0 1199  1  0  5  0  0  0  0   123 0.001 0.000 0.004 0.000 0.000 0.000   54  0.5   9  8.4   29 116 145   4  0   126 128 129   3  0     1 -1 -1 -1 -1 -1 -1 -1 -1 -1    1    1
 17  740  0  0  2  0  0  0  0   123 0.000 0.000 0.003 0.000 0.000 0.000   50  0.5   8  7.6   21 116 137   1  0   126 126 127   1  0     1 -1 -1 -1 -1 -1 -1 -1 -1 -1    1    1
  0 1199  5  0 11  2  0  0  0   120 0.004 0.000 0.009 0.002 0.000 0.000   50  1.6   7  8.1  118  53 171   7  2   125 126 127  14  0    -1  1 -1 -1 -1 -1 -1 -1 -1 -1    2    1
  8  639  3  0  6  0  0  0  0   120 0.005 0.000 0.010 0.000 0.000 0.000   56  0.9  13  8.7  130  55 185  10  0   125 128 130   8  0    -1  1 -1 -1 -1 -1 -1 -1 -1 -1    2    1
555 1182  3  0  6  2  0  0  0   118 0.005 0.000 0.010 0.003 0.000 0.000   41  2.5   0  5.8  119  52 171   6  0   123 122 124  19  0    -1  1 -1 -1 -1 -1 -1 -1 -1 -1    2    1
  0 1184  2 12  3  2  0  0  0   133 0.002 0.010 0.003 0.002 0.000 0.000   46  1.1   0 15.4   69  95 164   5  0   139 135 138   9  0    -1 -1 -1 -1 -1  1 -1 -1 -1 -1    6    1
267  564  0  1  0  0  0  0  0   133 0.000 0.003 0.000 0.000 0.000 0.000   45  0.9   0 17.9   38 121 159   3  0   133 135 136   5  0    -1 -1  1 -1 -1 -1 -1 -1 -1 -1    3    1
502 1083  4  2  2  0  0  0  0   128 0.007 0.003 0.003 0.000 0.000 0.000   44  1.1   0  7.6   58 112 170   6  0   137 136 137   5  0    -1  1 -1 -1 -1 -1 -1 -1 -1 -1    2    1
  0 1199  0  5  0  0  0  0  0   143 0.000 0.004 0.000 0.000 0.000 0.000   67  0.4  34  7.5   27 129 156   3  0   151 146 149   3  1    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
582 1182  0  1  0  0  0  0  0   143 0.000 0.002 0.000 0.000 0.000 0.000   74  0.3  54  4.9   23 131 154   3  0   151 150 151   0  1    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
 17  630  0  4  0  0  0  0  0   144 0.000 0.007 0.000 0.000 0.000 0.000   61  0.5   7  9.5   39 125 164   3  0   144 143 144   1  0    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
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723 1167  0  1  0  0  0  0  0   144 0.000 0.002 0.000 0.000 0.000 0.000   75  0.3  58    4   10 144 154   2  0   151 150 152   0  1    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
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  0 1199  0  7  0  0  0  0  0   142 0.000 0.006 0.000 0.000 0.000 0.000   61  0.7  52 12.2   79  71 150  12  0   143 142 144   3  1    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
619 1097  0  6  0  0  0  0  0   142 0.000 0.013 0.000 0.000 0.000 0.000   51  1.2   5 19.7  119  56 175  12  0   141 141 143   5  1     1 -1 -1 -1 -1 -1 -1 -1 -1 -1    1    1
361  946  0  3  0  0  0  0  0   142 0.000 0.005 0.000 0.000 0.000 0.000   57  0.8  32 14.5  100  56 156  10  0   144 142 144   3  1     1 -1 -1 -1 -1 -1 -1 -1 -1 -1    1    1
  0 1199  0 16  0  0  0  0  0   146 0.000 0.013 0.000 0.000 0.000 0.000   66  0.5  38 12.8  114  74 188   6  0   147 146 148   2  0    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
653 1146  0  9  0  0  0  0  0   146 0.000 0.018 0.000 0.000 0.000 0.000   74  0.5  59 13.4  111  74 185   4  0   147 147 148   2  0    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
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 28  855  0 10  0  0  0  0  0   148 0.000 0.012 0.000 0.000 0.000 0.000   75  0.2  84  2.9    7 145 152   1  0   148 148 149   0  0    -1 -1 -1 -1 -1 -1 -1 -1  1 -1    9    3
494 1174  0 13  0  0  0  0  0   148 0.000 0.019 0.000 0.000 0.000 0.000   70  0.3  71  3.8   14 139 153   1  0   150 148 150   0  1    -1 -1 -1 -1 -1 -1 -1 -1  1 -1    9    3
716 1194  0 12  0  0  0  0  0   148 0.000 0.025 0.000 0.000 0.000 0.000   72  0.3  59  4.3   14 139 153   1  0   150 148 150   0  1    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
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 21  483  0  3  0  0  0  0  0   144 0.000 0.006 0.000 0.000 0.000 0.000   77  0.2  62  3.8   12 138 150   2  0   144 144 146   0  0    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
483  973  0 10  0  0  0  0  0   144 0.000 0.020 0.000 0.000 0.000 0.000   71  0.3  24  6.8   19 133 152   1  0   145 144 146   0  0    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
  0 1199  0 22  0  0  0  0  0   145 0.000 0.018 0.000 0.000 0.000 0.000   75  0.3  39  7.8   54 131 185   3  0   145 144 146   0 -1    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
 19  661  0 13  0  0  0  0  0   145 0.000 0.020 0.000 0.000 0.000 0.000   77  0.2  45  5.8   21 129 150   1  0   146 145 147   0  1    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
215 1185  0 20  0  0  0  0  0   145 0.000 0.021 0.000 0.000 0.000 0.000   74  0.3  54  8.5   54 131 185   2  0   145 144 146   1 -1    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
 10  652  0 13  0  0  0  0  0   145 0.000 0.020 0.000 0.000 0.000 0.000   77  0.2  45  5.8   21 129 150   1  0   146 145 147   0  1    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
 12  596  0  3  0  0  0  0  0   132 0.000 0.005 0.000 0.000 0.000 0.000   61  0.4  35  5.7   18 126 144   1  0   134 135 136   0  0    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
 19 1023  0  7  0  0  0  0  0   141 0.000 0.007 0.000 0.000 0.000 0.000   71  0.4  67 10.8   78  69 147   2  0   144 142 144   2  1    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
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107 1180  0  6  0  0  0  0  0   146 0.000 0.006 0.000 0.000 0.000 0.000   69  0.5  45   11   42 117 159   6  0   153 150 152   3  1    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
722 1180  0  2  0  0  0  0  0   146 0.000 0.004 0.000 0.000 0.000 0.000   76  0.3  58  4.4   18 135 153   2  0   150 149 151   0  1    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
213  659  0  3  0  0  0  0  0   146 0.000 0.007 0.000 0.000 0.000 0.000   65  0.5  32  9.5   33 133 166   4  0   153 151 154   1  0    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
  0 1199  0 17  0  0  0  0  0   146 0.000 0.014 0.000 0.000 0.000 0.000   72  0.3  41  6.9   35 120 155   4  0   147 146 148   0  1    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
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501 1182  0 14  0  0  0  0  0   146 0.000 0.021 0.000 0.000 0.000 0.000   68  0.3  23  7.2   20 136 156   1  0   147 147 148   1  0    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
  0 1199  0 26  0  0  0  0  0   150 0.000 0.022 0.000 0.000 0.000 0.000   74  0.3  56  6.4   25 131 156   4  0   150 150 151   0  1    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
524  932  0 10  0  0  0  0  0   150 0.000 0.025 0.000 0.000 0.000 0.000   79  0.2  84  2.8    5 147 152   1  0   150 149 151   0  0    -1 -1 -1 -1 -1 -1 -1 -1  1 -1    9    3
  0 1199  0 26  0  0  0  0  0   144 0.000 0.022 0.000 0.000 0.000 0.000   74  0.3  56  6.4   25 131 156   4  0   150 150 151   0  1    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
526  941  0 10  0  0  0  0  0   150 0.000 0.024 0.000 0.000 0.000 0.000   79  0.2  84  2.8    5 147 152   1  0   150 149 151   0  0    -1 -1 -1 -1 -1 -1 -1 -1  1 -1    9    3
874 1192  0  9  0  0  0  0  0   150 0.000 0.028 0.000 0.000 0.000 0.000   71  0.4  18  7.9   17 139 156   0  0   151 151 152   0  1    -1 -1 -1 -1 -1 -1 -1 -1  1 -1    9    3
 16  528  0  8  0  0  0  0  0   150 0.000 0.016 0.000 0.000 0.000 0.000   73  0.3  44  7.3   26 128 154   3  0   150 149 151   0  1    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
  0 1199  0  1  0  0  0  0  0   135 0.000 0.001 0.000 0.000 0.000 0.000   56   1   39 16.4   89  67 156   8  0   143 140 142   6  1    -1 -1 -1 -1  1 -1 -1 -1 -1 -1    5    2
179  666  0  0  0  0  0  0  0   135 0.000 0.000 0.000 0.000 0.000 0.000   62  0.5  71  6.9   97  71 168   3  0   143 142 144   1  1    -1 -1 -1 -1 -1 -1 -1 -1  1 -1    9    3
179  666  0  0  0  0  0  0  0   135 0.000 0.000 0.000 0.000 0.000 0.000   62  0.5  71  6.9   97  71 168   3  0   143 142 144   1  1    -1 -1 -1 -1 -1 -1 -1 -1  1 -1    9    3
  0 1199  2 18  0  0  0  0  0   135 0.002 0.015 0.000 0.000 0.000 0.000   54   1   10 16.7  132  66 198  10  0   150 143 146  12  0    -1 -1 -1 -1  1 -1 -1 -1 -1 -1    5    2
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 59  472  0 10  0  0  0  0  0   144 0.000 0.024 0.000 0.000 0.000 0.000   75  0.3  67  4.2   16 136 152   2  0   145 146 147   0  0    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
 30  662  0  0  0  0  0  0  0   146 0.000 0.000 0.000 0.000 0.000 0.000   84  0.2  81  2.9   10 140 150   1  0   146 145 147   0  0    -1 -1 -1 -1 -1 -1 -1 -1  1 -1    9    3
659 1176  0  3  0  0  0  0  0   146 0.000 0.006 0.000 0.000 0.000 0.000   77  0.2  42  4.6   12 137 149   1  0   142 142 143   0  0    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
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650  982  0  3  0  0  0  0  0   146 0.000 0.009 0.000 0.000 0.000 0.000   77  0.3  20  4.8   12 137 149   0  0   142 143 145   0  0    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
  0  809  0 15  0  0  0  0  0   144 0.000 0.019 0.000 0.000 0.000 0.000   76  0.4  61 10.6   81  71 152   3  0   145 144 146   2  1    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
167  732  0  6  0  0  0  0  0   144 0.000 0.011 0.000 0.000 0.000 0.000   79  0.3  77  7.9   80  71 151   2  0   145 144 146   1  1    -1 -1 -1 -1 -1 -1 -1 -1  1 -1    9    3
  0 1199  0  3  0  0  0  0  0   146 0.000 0.003 0.000 0.000 0.000 0.000   81  0.2  67  3.9   13 137 150   1  0   146 144 146   1  0    -1 -1 -1 -1 -1 -1 -1 -1  1 -1    9    3
  0 1199  0 19  0  0  0  0  0   137 0.000 0.016 0.000 0.000 0.000 0.000   64  0.5  12 10.9   85  68 153   2  0   143 142 143   3  1    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
393 1176  0 15  0  0  0  0  0   137 0.000 0.019 0.000 0.000 0.000 0.000   64  0.4  12  8.6   22 131 153   1  0   145 143 145   1  0    -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10    2
```

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513 1171  0 14 0 0 0 0 0    137 0.000 0.021 0.000 0.000 0.000 0.000    65 0.4 11  8.1  20 133 153  1 0 145 144 146   1  0    -1 -1 -1 -1 -1 -1 -1 -1 -1  1    10   2
  0 1184  0  0 0 0 0 0 0    133 0.000 0.000 0.000 0.000 0.000 0.000    73 0.2 88  3.3   8 131 139  1 0 133 134 135   0  0    -1 -1 -1 -1 -1 -1 -1 -1  1 -1     9   3
382 1158  0  0 0 0 0 0 0    133 0.000 0.000 0.000 0.000 0.000 0.000    75 0.2 91  2.9   7 131 138  1 0 133 134 135   0  0    -1 -1 -1 -1 -1 -1 -1 -1  1 -1     9   3
  8  662  0  0 0 0 0 0 0    133 0.000 0.000 0.000 0.000 0.000 0.000    73 0.3 78  3.6   8 131 139  1 0 134 134 135   0  0    -1 -1 -1 -1 -1 -1 -1 -1  1 -1     9   3
129  887  0  0 0 0 0 0 0    133 0.000 0.000 0.000 0.000 0.000 0.000    73 0.3 84  3.5   8 131 139  1 0 134 134 135   0  0    -1 -1 -1 -1 -1 -1 -1 -1  1 -1     9   3
  0 1199  0  6 0 0 0 0 0    139 0.000 0.005 0.000 0.000 0.000 0.000    75 0.4 47  9.2  79  66 145  6 0 140 139 141   2  1    -1 -1 -1 -1 -1 -1 -1 -1 -1  1    10   2
585 1183  0  1 0 0 0 0 0    139 0.000 0.002 0.000 0.000 0.000 0.000    77 0.2 41  5.3  17 128 145  1 1 142 141 143   0  1    -1 -1 -1 -1 -1 -1 -1 -1 -1  1    10   2
  8  463  0  3 0 0 0 0 0    139 0.000 0.007 0.000 0.000 0.000 0.000    78 0.2 59  4.2  11 133 144  1 0 140 139 141   0  0    -1 -1 -1 -1 -1 -1 -1 -1 -1  1    10   2
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  0 1199  0 12 1 0 0 0 0    141 0.000 0.010 0.001 0.000 0.000 0.000    78 0.2 61  4.7  13 133 146  1 0 143 141 143   0  1    -1 -1 -1 -1 -1 -1 -1 -1 -1  1    10   2
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```

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  0 1199  7  7  3  0 0 0 0   144 0.006 0.006 0.003 0.000 0.000 0.000   34  1.6   0 19.8 104  71 175  4  1 148 149 151  11  1   -1  1 -1 -1 -1 -1 -1 -1 -1 -1    2    1
 16  529  5  5  1  0 0 0 0   144 0.010 0.010 0.002 0.000 0.000 0.000   36  1.4   0 11.5 119  57 176  2  1 148 150 150  12  1   -1  1 -1 -1 -1 -1 -1 -1 -1 -1    2    1
```

```
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  0  386  2  5 1 0 0 0 0   143 0.005 0.013 0.003 0.000 0.000 0.000   39 1.6  0   10 136  60 196  9 1 148 149 150  8  0    -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2   1
  0 1200 11  4 1 0 0 0 0   146 0.009 0.003 0.001 0.000 0.000 0.000   41 1.9  0 27.3 130  50 180  7 0 154 152 155 18  1    -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2   1
431 1192  8  1 1 0 0 0 0   146 0.011 0.001 0.001 0.000 0.000 0.000   40 1.9  0 25.6 122  50 172  4 0 154 151 155 16  1    -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2   1
 14  664  6  4 1 0 0 0 0   146 0.009 0.006 0.002 0.000 0.000 0.000   40   2  0 26.1 133  50 183  8 0 156 154 157 20  1    -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2   1
  0  878 13 22 2 0 0 0 0   146 0.015 0.025 0.002 0.000 0.000 0.000   41   1  0  1.4 113  73 186  3 0 157 162 164 13  1    -1 -1 -1  1 -1 -1 -1 -1 -1 -1   4   1
  0 1198  0  1 2 0 0 0 0   142 0.000 0.001 0.002 0.000 0.000 0.000   30 2.9  5 36.9 108  50 158  1 0 141 140 144  9  1     1 -1 -1 -1 -1 -1 -1 -1 -1 -1   1   1
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  0 1199 10 11 4 0 0 0 0   142 0.008 0.009 0.003 0.000 0.000 0.000   45 1.1  2  8.7 131  51 182  5 0 146 153 152 19  1    -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2   1
447 1192 10 10 3 0 0 0 0   142 0.013 0.013 0.004 0.000 0.000 0.000   45 1.2  0  4.5 134  51 185  5 0 156 158 158 14  1    -1 -1 -1  1 -1 -1 -1 -1 -1 -1   4   1
 14  511  0  1 1 0 0 0 0   142 0.000 0.002 0.002 0.000 0.000 0.000   43 0.8  3  9.4  27 137 164  2 0 146 145 146  1 -1     1 -1 -1 -1 -1 -1 -1 -1 -1 -1   1   1
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799 1149  0  0 1 0 0 0 0   120 0.000 0.000 0.003 0.000 0.000 0.000   50 0.7 26    6  20 116 136  0 0 125 123 125  1  0     1 -1 -1 -1 -1 -1 -1 -1 -1 -1   1   1
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 30  740  1  0 0 0 0 0 0   143 0.000 0.001 0.000 0.000 0.000 0.000   57 0.6  5 10.4  98  74 172  2 0 150 148 150  1  1     1 -1 -1 -1 -1 -1 -1 -1 -1 -1   1   1
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  0 1199  5 15 0 0 0 0 0   138 0.004 0.013 0.000 0.000 0.000 0.000   45   1  0 12.8 115  71 186  7 0 144 144 145  6  0    -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2   1
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432  736  0  3 0 0 0 0 0   138 0.000 0.010 0.000 0.000 0.000 0.000   38 1.2  0 19.7  90  71 161  3 0 144 141 142  5  1    -1 -1  1 -1 -1 -1 -1 -1 -1 -1   3   1
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269 1135  0  0 1 0 0 0 0   123 0.000 0.000 0.001 0.000 0.000 0.000   74 0.3 64  5.9  52  84 136  3 0 123 124 126  1  1    -1 -1 -1 -1 -1 -1 -1 -1  1 -1  10   2
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  0 1199  0  1 0 0 0 0 0   123 0.000 0.001 0.000 0.000 0.000 0.000   70 0.3 66  5.9  30 101 131  1 0 123 123 124  1  1    -1 -1 -1 -1 -1 -1 -1 -1  1 -1  10   2
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 12  740  1  0 4 0 0 0 0   130 0.001 0.000 0.005 0.000 0.000 0.000   22 1.4 11  7.2  32 120 152  2 0 133 132 134  1  0     1 -1 -1 -1 -1 -1 -1 -1 -1 -1   1   1
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  8  648  1  0 3 0 0 0 0   130 0.002 0.000 0.005 0.000 0.000 0.000   21 1.4 11  7.3  33 119 152  1 0 133 131 133  2  0     1 -1 -1 -1 -1 -1 -1 -1 -1 -1   1   1
132  738  1  0 3 0 0 0 0   130 0.002 0.000 0.005 0.000 0.000 0.000   23 1.3 10  5.7  32 120 152  2 0 133 133 134  1  0     1 -1 -1 -1 -1 -1 -1 -1 -1 -1   1   1
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122 1018  9  0 1 0 0 0 0   140 0.010 0.000 0.001 0.000 0.000 0.000   57 1.3  0  9.9 138  50 188  4 0 176 164 169 31  1    -1 -1 -1  1 -1 -1 -1 -1 -1 -1   4   1
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 23  600  6  0 0 0 0 0 0   140 0.010 0.000 0.000 0.000 0.000 0.000   59 1.1  0    0  62 120 182  1 0 176 163 169 30  1    -1 -1 -1  1 -1 -1 -1 -1 -1 -1   4   1
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```

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420 1169  0   0  2   0 0 0 0   126 0.000 0.000 0.003 0.000 0.000 0.000   56 0.5 40  6.7  27 116 143  2 0 129 127 129   1  0      1 -1 -1 -1 -1 -1 -1 -1 -1 -1    1    1
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 282 1007  0  1  0  0  0  0  0    130 0.000 0.001 0.000 0.000 0.000 0.000   59  0.4   34   6.8   21 125 146   1  0 129 132 133  3 -1     1 -1 -1 -1 -1 -1 -1 -1 -1 -1    1   1
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1022 3599  1  0 13  5  0  0  0    146 0.000 0.000 0.005 0.002 0.000 0.000   52  0.8   32   8.6   72  93 165   3  0 152 147 151  9  1     1 -1 -1 -1 -1 -1 -1 -1 -1 -1    1   1
1473 3599  1  0 12  5  0  0  0    146 0.000 0.000 0.006 0.002 0.000 0.000   49  0.9   32   8.7   80  86 166   3  0 152 147 151 11  1     1 -1 -1 -1 -1 -1 -1 -1 -1 -1    1   1
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```

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 502 1034 0 0 1 0 0 0 0   152 0.000 0.000 0.002 0.000 0.000 0.000   60 0.4 59  7.1  34 129 163 3 1 160 157 160  1 1   -1 -1 -1 -1 -1 -1 -1 -1 -1  1   10 2
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 786 1600 1 0 3 0 0 0 0   136 0.001 0.000 0.004 0.000 0.000 0.000   39 0.8 28  6.6  33 124 157 4 0   141 139 141  1  0    1 -1 -1 -1 -1 -1 -1 -1 -1 -1    1  1
1191 1828 0 0 1 0 0 0 0   136 0.000 0.000 0.002 0.000 0.000 0.000   44 0.7 47  5.3  12 135 147 1 0   141 140 142  0  0    1 -1 -1 -1 -1 -1 -1 -1 -1 -1    1  1
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2746 3599  0 0 7 6 0 0 0 | 136 0.000 0.000 0.008 0.007 0.000 0.000  32 1.3  0 12.9  92  71 163  4 0 133 133 137 19 1 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1  7 1
2964 3599  0 0 5 5 0 0 0 | 136 0.000 0.000 0.008 0.008 0.000 0.000  33 1.3  0  8   81  73 154  4 1 133 132 135 17 1 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1  7 1
2189 2805  0 0 5 3 0 0 0 | 136 0.000 0.000 0.008 0.005 0.000 0.000  33 1.2  0 14.4  91  61 152  5 0 136 132 137 17 1 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1  7 1
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   0 1014  0 0 6 9 0 0 0 | 131 0.000 0.000 0.006 0.009 0.000 0.000  29 2.1  4  3.6 108  59 167  7 1 135 120 132 72 1 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1  7 1
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1616 2371 10 0 4 0 0 0 0 | 131 0.013 0.000 0.005 0.000 0.000 0.000  28 1.3  0  4    89  82 171  7 0 143 146 146  8 1 | -1  1 -1 -1 -1 -1 -1 -1 -1 -1  2 1
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2667 3540  6 0 5 0 0 0 0 | 129 0.007 0.000 0.006 0.000 0.000 0.000  23 1.5  0 12.6  44 115 159  1 0 133 139 141 11 0 | -1  1 -1 -1 -1 -1 -1 -1 -1 -1  2 1
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```

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 892 1965  3  0  7  5  0  0  0   134 0.003 0.000 0.007 0.005 0.000 0.000   25 1.9  11  9.8  96  82 178  5  0 147 135 138 43  0   -1 -1 -1 -1 -1  1 -1 -1 -1 -1   6   1
 928 1282  1  0  2  3  0  0  0   134 0.003 0.000 0.006 0.008 0.000 0.000   14  3    0  0    98  82 180  3  0 126 129 129 46  0   -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7   1
   0 1080  2  0  6  3  0  0  0   141 0.002 0.000 0.006 0.003 0.000 0.000   36 1.3   9  9.8  79  92 171  6  0 145 143 146 10  1   -1 -1 -1 -1 -1 -1  1 -1 -1 -1   6   1
 379 1080  1  0  5  3  0  0  0   141 0.001 0.000 0.007 0.004 0.000 0.000   28 1.7   2 11.7  86  85 171  9  0 144 141 144 15  1   -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7   1
 494 1056  1  0  4  3  0  0  0   141 0.002 0.000 0.007 0.005 0.000 0.000   25 1.8   1 12.6  86  85 171  9  0 145 141 145 17  1   -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7   1
   0 1045  2  0  3  0  0  0  0   122 0.002 0.000 0.003 0.000 0.000 0.000   21 1.8   0 16.3  44 108 152  1  0 125 127 127  5  0   -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2   1
  30  829  1  0  3  0  0  0  0   122 0.001 0.000 0.004 0.000 0.000 0.000   21 1.7   0 16.1  48 104 152  2  0 125 126 126  4  0    1 -1 -1 -1 -1 -1 -1 -1 -1 -1   1   1
```

```
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 662  1331   3  0  2  0 0 0 0    122 0.004 0.000 0.003 0.000 0.000 0.000   20  2   0 10.2 42 104 146 0 0 131 128 130  4  0   -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2   1
2532  3599   1  0  2  0 0 0 0    122 0.001 0.000 0.002 0.000 0.000 0.000   27 1.3  0  9.3 27 113 140 1 0 125 125 126  1  0    1 -1 -1 -1 -1 -1 -1 -1 -1 -1   1   1
2964  3599   0  0  0  0 0 0 0    122 0.000 0.000 0.000 0.000 0.000 0.000   29 1.3  0 10.2 27 110 137 0 1 127 126 127  1  0    1 -1 -1 -1 -1 -1 -1 -1 -1 -1   1   1
2071  3118   2  0  8  0 0 0 0    122 0.002 0.000 0.008 0.000 0.000 0.000   26 1.4  1  8.2 36 114 150 2 0 122 126 126  6 -1   -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2   1
2202  2937   0  0  3  0 0 0 0    122 0.000 0.000 0.004 0.000 0.000 0.000   23 1.5  1  9.2 28 113 141 1 0 122 124 124  2  0   -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2   1
1305  2200  14  0  1  0 0 0 0    122 0.016 0.000 0.001 0.000 0.000 0.000   22 2.2  0  1.9 52 100 152 1 0 131 133 134  5  0   -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2   1
1548  2114  10  0  1  0 0 0 0    122 0.018 0.000 0.002 0.000 0.000 0.000   22 2.5  0  2.2 52 100 152 1 0 136 132 134  6  0   -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2   1
1086  2123  12  0  2  0 0 0 0    123 0.012 0.000 0.002 0.000 0.000 0.000   22 2.2  0  6.7 52 100 152 2 0 131 132 133  4  0   -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2   1
1352  1871   9  0  1  0 0 0 0    123 0.017 0.000 0.002 0.000 0.000 0.000   24 2.2  0  1.7 52 100 152 1 0 136 133 135  5  0   -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2   1
   0   894   1  0  3  0 0 0 0    122 0.001 0.000 0.003 0.000 0.000 0.000   21 1.8  2 14.9 54 100 154 3 0 126 125 127  4  0    1 -1 -1 -1 -1 -1 -1 -1 -1 -1   1   1
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2155  2514   0  0  1  0 0 0 0    122 0.000 0.000 0.003 0.000 0.000 0.000   21 2.2  0 17.4 39 104 143 4 2 129 126 128  4  0   -1 -1  1 -1 -1 -1 -1 -1 -1 -1   3   1
2168  3240   3  0  2  1 0 0 0    122 0.003 0.000 0.002 0.001 0.000 0.000   19  2   0 17.7 46 102 148 3 0 125 124 126  6  0   -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2   1
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 569  1550   0  0  0  1 0 0 0    122 0.000 0.000 0.000 0.001 0.000 0.000   20 1.8  0 13.8 39 103 142 1 0 120 119 121  3  0    1 -1 -1 -1 -1 -1 -1 -1 -1 -1   1   1
 569  1320   0  0  0  0 0 0 0    122 0.000 0.000 0.000 0.000 0.000 0.000   19 1.9  0 15.1 39 103 142 1 0 120 120 122  3  0    1 -1 -1 -1 -1 -1 -1 -1 -1 -1   1   1
 569  1320   0  0  0  0 0 0 0    122 0.000 0.000 0.000 0.000 0.000 0.000   19 1.9  0 15.1 39 103 142 1 0 120 120 122  3  0   -1 -1  1 -1 -1 -1 -1 -1 -1 -1   3   1
 569  1320   0  0  0  0 0 0 0    122 0.000 0.000 0.000 0.000 0.000 0.000   19 1.9  0 15.1 39 103 142 1 0 120 120 122  3  0   -1 -1  1 -1 -1 -1 -1 -1 -1 -1   3   1
 569  1320   0  0  0  0 0 0 0    122 0.000 0.000 0.000 0.000 0.000 0.000   19 1.9  0 15.1 39 103 142 1 0 120 120 122  3  0   -1 -1  1 -1 -1 -1 -1 -1 -1 -1   3   1
1194  2220   0  0  1  1 0 0 0    122 0.000 0.000 0.001 0.001 0.000 0.000   25 1.4  3  9.3 31 105 136 1 0 126 122 124  5  0    1 -1 -1 -1 -1 -1 -1 -1 -1 -1   1   1
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2216  3556   1  0  8  1 0 0 0    122 0.001 0.000 0.006 0.001 0.000 0.000   21 1.7  0 14.3 37 105 142 1 0 125 123 125  3  0    1 -1 -1 -1 -1 -1 -1 -1 -1 -1   1   1
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1349  2028   0  0  1  0 0 0 0    122 0.000 0.000 0.001 0.000 0.000 0.000   25 1.3  4  9.5 30 106 136 1 0 125 122 124  3  0    1 -1 -1 -1 -1 -1 -1 -1 -1 -1   1   1
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2513  2994   1  0  1  0 0 0 0    122 0.002 0.000 0.002 0.000 0.000 0.000   20 1.8  0  15  37 105 142 0 0 125 123 125  4  0   -1 -1  1 -1 -1 -1 -1 -1 -1 -1   3   1
   0   811   3  0  4  0 0 0 0    122 0.004 0.000 0.005 0.000 0.000 0.000   25 1.4  0   8  44 104 148 4 0 126 125 127  3  0   -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2   1
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 591  1415   5  0  3  1 0 0 0    122 0.006 0.000 0.004 0.001 0.000 0.000   22 1.8  0 11.5 52  96 148 1 0 131 128 130  7  0   -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2   1
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1142  1980   4  0  3  4 0 0 0    122 0.005 0.000 0.004 0.005 0.000 0.000   20 2.6  0 17.7 98  60 158 6 0 131 121 126 31  0   -1 -1 -1 -1 -1  1 -1 -1 -1 -1   6   1
1279  1927   2  0  5  5 0 0 0    122 0.003 0.000 0.008 0.008 0.000 0.000   18  3   0 16.2 98  60 158 7 0 127 120 124 28  0   -1 -1 -1 -1 -1  1 -1 -1 -1 -1   6   1
1546  1980   1  0  4  4 0 0 0    122 0.002 0.000 0.009 0.009 0.000 0.000   16 3.5  0 23.1 98  60 158 5 0 107 115 115 34  0   -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7   1
1573  1949   0  0  4  4 0 0 0    122 0.000 0.000 0.011 0.011 0.000 0.000   13 3.8  0 23.6 98  60 158 6 1 127 113 115 41  0   -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7   1
1410  1848   1  0  3  3 0 0 0    122 0.002 0.000 0.007 0.007 0.000 0.000   16 3.4  0 19.8 96  62 158 6 0 125 120 124 25  0   -1 -1 -1 -1 -1  1 -1 -1 -1 -1   6   1
1449  1826   1  0  4  3 0 0 0    122 0.003 0.000 0.011 0.008 0.000 0.000   17 3.4  0 18.4 96  62 158 9 0 125 122 126 26  0   -1 -1 -1 -1 -1  1 -1 -1 -1 -1   6   1
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 858  1464   0  0  3  3 0 0 0    122 0.000 0.000 0.005 0.005 0.000 0.000   26 1.3  0  9.8 47  85 132 3 2 126 119 123 10  1   -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7   1
2626  3599   4  0  5  4 0 0 0    122 0.004 0.000 0.005 0.004 0.000 0.000   22 1.7  0  7.4 69  74 143 3 0 133 122 127 26  1   -1 -1 -1 -1 -1  1 -1 -1 -1 -1   6   1
2840  3544   3  0  4  4 0 0 0    122 0.004 0.000 0.006 0.006 0.000 0.000   21 1.7  0  6.7 69  74 143 4 0 133 121 126 32  1   -1 -1 -1 -1 -1  1 -1 -1 -1 -1   6   1
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1852  2302   0  0  3  3 0 0 0    122 0.000 0.000 0.007 0.007 0.000 0.000   21 1.9  0  5.6 73  77 150 3 2 127 115 117 30  0   -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7   1
1907  2635   0  0  5  6 0 0 0    122 0.000 0.000 0.007 0.008 0.000 0.000   21 1.7  0   8  55  81 136 2 1 126 115 118 22  1   -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7   1
2198  2540   0  0  2  3 0 0 0    122 0.000 0.000 0.006 0.009 0.000 0.000   18 1.9  0  8.8 44  91 135 4 0 126 117 121 19  1   -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7   1
2850  3204   0  0  2  0 0 0 0    122 0.000 0.000 0.000 0.006 0.000 0.000   21 1.9  0  9.5 57  82 139 4 0 133 119 124 38  1   -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7   1
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 908  2073   4  0  0 11 0 0 0    122 0.003 0.000 0.000 0.009 0.000 0.000   18 2.4  0  4.9 74  69 143 1 1 131 117 120 40  1   -1 -1 -1 -1 -1  1 -1 -1 -1 -1   6   1
1119  2073   1  0  3 11 0 0 0    122 0.001 0.000 0.003 0.012 0.000 0.000   16 2.7  0  5.5 96  56 152 1 2 112 113 116 21  0   -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7   1
```

```
1428 2064  0 0  2  9 0 0 0 | 122 0.000 0.000 0.003 0.014 0.000 0.000   13  3   0  0.4   96  56 152  3 2 109 110 112 20  0 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1 -1   7 1
1570 1977  0 0  1  6 0 0 0 | 122 0.000 0.000 0.002 0.015 0.000 0.000   13  3   0  0.7   83  69 152  3 0 110 110 113 16  0 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1 -1   7 1
 648 1537  6 0  0  3 0 0 0 | 122 0.007 0.000 0.000 0.003 0.000 0.000   23 1.7   0  9.7   78  79 157  6 0 131 125 130 18  0 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1 -1   6 1
 668 1151  5 0  0  1 0 0 0 | 122 0.010 0.000 0.000 0.002 0.000 0.000   25 1.6   0  9.1   72  85 157  6 2 136 129 133 15  1 | -1  1 -1 -1 -1  1 -1 -1 -1 -1 -1   2 1
   0  819  7 0  6  2 0 1 0 | 127 0.009 0.000 0.007 0.002 0.000 0.001   22 1.7   0    0  129  52 181  8 0 140 136 142 63  1 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1 -1   6 1
 194  820  6 0  5  1 0 0 0 | 127 0.010 0.000 0.008 0.002 0.000 0.000   22 1.6   0    0   90  91 181  4 1 140 144 146 25  0 | -1 -1 -1  1 -1 -1 -1 -1 -1 -1 -1   4 1
 303 1395 12 0 11  1 0 0 0 | 127 0.011 0.000 0.010 0.001 0.000 0.000   24 1.5   0  1.7   67 109 176  3 0 155 148 152 19  0 | -1 -1 -1  1 -1 -1 -1 -1 -1 -1 -1   4 1
 441 1140  7 0  6  1 0 0 0 | 127 0.010 0.000 0.009 0.001 0.000 0.000   24 1.5   0    0   72 109 181  4 0 153 150 154 16  0 | -1 -1 -1  1 -1 -1 -1 -1 -1 -1 -1   4 1
 837 1798  6 0  9  0 0 0 0 | 131 0.006 0.000 0.009 0.000 0.000 0.000   27 1.4   0 19.2   70 110 180  2 0 155 155 156 14  0 | -1 -1 -1  1 -1 -1 -1 -1 -1 -1 -1   4 1
1286 2170 10 0 10  0 0 0 0 | 131 0.011 0.000 0.011 0.000 0.000 0.000   23 1.7   0  6.9   84 110 194  6 0 160 158 161 23  0 | -1 -1 -1  1 -1 -1 -1 -1 -1 -1 -1   4 1
 910 1379  5 0  7  0 0 0 0 | 131 0.011 0.000 0.015 0.000 0.000 0.000   26 1.5   0    3   61 109 170  2 1 155 151 154 11  1 | -1 -1 -1  1 -1 -1 -1 -1 -1 -1 -1   4 1
   0  910  8 0  5  0 0 0 0 | 126 0.009 0.000 0.005 0.000 0.000 0.000   24 1.5   0  9.4   33 122 155  1 1 136 137 138  3  0 | -1  1 -1 -1 -1 -1 -1 -1 -1 -1 -1   2 1
 123  781  6 0  5  0 0 0 0 | 126 0.009 0.000 0.008 0.000 0.000 0.000   23 1.5   0 10.3   33 122 155  2 0 136 137 139  3  0 | -1  1 -1 -1 -1 -1 -1 -1 -1 -1 -1   2 1
 741 1593  0 0  3  0 0 0 0 | 126 0.000 0.000 0.004 0.000 0.000 0.000   35  1    5  7.8   21 121 142  1 0 136 133 135  2  0 |  1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1   1 1
 741 1395  0 0  2  0 0 0 0 | 126 0.000 0.000 0.003 0.000 0.000 0.000   36 0.9   4  7.3   21 121 142  1 1 136 133 135  1  1 |  1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1   1 1
2789 3599  2 0  7  0 0 0 0 | 126 0.002 0.000 0.009 0.000 0.000 0.000   26 1.3   0    9   51 114 165  1 0 129 132 131 10 -1 | -1  1 -1 -1 -1 -1 -1 -1 -1 -1 -1   2 1
3296 3599  0 0  3  0 0 0 0 | 126 0.000 0.000 0.010 0.000 0.000 0.000   21 1.5   0 10.4   23 114 137  1 0 129 128 130  1  0 |  1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1   1 1
 722 1702  0 0  4  0 0 0 0 | 126 0.000 0.000 0.004 0.000 0.000 0.000   34  1    4  8.3   24 118 142  2 0 136 132 134  2  0 |  1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1   1 1
1670 2944  5 0  4  0 0 0 0 | 126 0.004 0.000 0.003 0.000 0.000 0.000   28 1.2   0 10.3   43 118 161  3 1 131 134 133  9 -1 | -1  1 -1 -1 -1 -1 -1 -1 -1 -1 -1   2 1
2283 2832  0 0  3  0 0 0 0 | 126 0.000 0.000 0.005 0.000 0.000 0.000   23 1.4   0 12.2   42 101 143  3 0 126 128 129  2  0 |  1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1   1 1
2193 2924  2 0  3  0 0 0 0 | 126 0.003 0.000 0.004 0.000 0.000 0.000   25 1.3   0 11.9   56 101 157  2 0 126 131 130  9  0 | -1  1 -1 -1 -1 -1 -1 -1 -1 -1 -1   2 1
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 544 1368  5 0  4  0 0 0 0 | 126 0.006 0.000 0.005 0.000 0.000 0.000   27 1.3   0  5.6   58 103 161  2 0 133 135 135 10  0 | -1  1 -1 -1 -1 -1 -1 -1 -1 -1 -1   2 1
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```

```
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907 1431  0  6  2  3  0  1  0   128 0.000 0.011 0.004 0.006 0.000 0.002  22 2.4  0  9.2 125  53 178 11  0 143 121 131 101  0   -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7  1
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1580 1983  4 0  0 0 0 0 0 | 132 0.010 0.000 0.000 0.000 0.000 0.000   26 1.4 0  4    58 110 168  2 1 145 146 147  11 0 | -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2 1
1801 2924  9 0  2 4 0 0 0 | 132 0.008 0.000 0.002 0.004 0.000 0.000   22 1.9 0  7.8  95  80 175  7 2 143 140 143  22 0 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1   6 1
1986 2870  7 0  2 4 0 0 0 | 132 0.008 0.000 0.002 0.005 0.000 0.000   20 2.1 0  8   102  74 176  9 2 141 136 140  24 0 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1   6 1
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2392 3287  2 0  2 3 0 0 0 | 132 0.002 0.000 0.002 0.003 0.000 0.000   29 1.5 0  8.6 102  67 169 11 1 143 136 141  33 1 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1   6 1
2448 3513  2 0  3 3 0 0 0 | 132 0.002 0.000 0.003 0.003 0.000 0.000   28 1.4 0  8.4  94  68 162 11 1 143 137 142  26 1 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1   6 1
2448 2700  0 0  1 0 0 0 0 | 132 0.000 0.000 0.004 0.000 0.000 0.000   23 1.5 0 13.1  42 106 148  5 0 138 136 138   3 1 |  1 -1 -1 -1 -1 -1 -1 -1 -1 -1   1 1
2759 3540  2 0  3 3 0 0 0 | 133 0.003 0.000 0.004 0.004 0.000 0.000   30 1.5 0  5.3 102  67 169  9 1 147 137 144  40 1 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7 1
2759 3432  1 0  2 3 0 0 0 | 134 0.001 0.000 0.003 0.004 0.000 0.000   29 1.6 0  5.2 102  67 169 10 1 147 136 143  45 1 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1   6 1
2953 3434  0 0  2 3 0 0 0 | 134 0.000 0.000 0.004 0.006 0.000 0.000   28 1.9 0  5.5 102  67 169 11 2 148 133 140  66 1 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7 1
3014 3434  0 0  1 2 0 0 0 | 134 0.000 0.000 0.002 0.005 0.000 0.000   30 1.6 0  4.8 102  67 169 10 2 148 135 142  50 1 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7 1
   0 1094  0 0  9 1 0 0 0 | 144 0.000 0.000 0.008 0.001 0.000 0.000   60 0.4 8  7.2  33 123 156  0 0 147 145 148   2 1 | -1 -1 -1 -1 -1 -1 -1 -1 -1  1  10 2
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   0  608  5 0  3 0 0 0 0 | 121 0.008 0.000 0.005 0.000 0.000 0.000   32 1   0  2.6  47 110 157  1 0 131 131 131   8 0 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1   2 1
 109 1070  8 0  6 1 0 0 0 | 121 0.008 0.000 0.006 0.001 0.000 0.000   27 1.2 0  3.3  67  90 157  4 0 129 129 129  12 0 | -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2 1
 610 1070  2 0  4 1 0 0 0 | 121 0.004 0.000 0.009 0.002 0.000 0.000   24 1.5 0  4.9  67  90 157  2 0 120 125 123  16 0 | -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2 1
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1284 1796  3 0  4 2 0 0 0 | 121 0.006 0.000 0.008 0.004 0.000 0.000   24 1.7 0  4.1  72  74 146  4 0 129 121 126  25 1 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1   6 1
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1561 2268  2 0  4 4 0 0 0 | 121 0.003 0.000 0.006 0.006 0.000 0.000   25 1.5 0  4.4  73  71 144  4 0 122 112 117  34 0 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1   6 1
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1925 2500  0 0  2 3 0 1 0 | 121 0.000 0.000 0.003 0.005 0.000 0.002   24 1.5 0  0    68  71 139  2 0 123 106 108  53 0 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7 2
1925 2500  0 0  2 3 0 1 0 | 121 0.000 0.000 0.003 0.005 0.000 0.002   24 1.5 0  0    68  71 139  2 0 123 106 108  53 0 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7 1
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2514 3183  0 0  5 5 0 0 0 | 121 0.000 0.000 0.007 0.007 0.000 0.000   28 1.3 0  5.6  67  70 137  3 1 114 113 117  20 1 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1   7 1
2859 3599  3 0  7 2 0 0 0 | 121 0.004 0.000 0.009 0.003 0.000 0.000   37 1   0  6.6  71  82 153  6 0 136 126 129  35 1 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1   6 1
3061 3599  3 0  5 0 0 0 0 | 121 0.006 0.000 0.009 0.000 0.000 0.000   39 0.9 0  8.6  58  95 153  4 0 150 131 132  47 0 | -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2 1
2991 3599  3 0  5 1 0 0 0 | 121 0.005 0.000 0.008 0.002 0.000 0.000   37 0.9 0  7.5  71  82 153  5 0 150 128 130  68 1 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1   6 1
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1347 2053  0 0  6 0 0 0 0 | 142 0.000 0.000 0.008 0.000 0.000 0.000   58 0.4 22 6.3  13 145 158  0 0 153 151 153   0 0 |  1 -1 -1 -1 -1 -1 -1 -1 -1 -1   1 1
1649 2831  0 0  7 0 0 0 0 | 142 0.000 0.000 0.006 0.000 0.000 0.000   59 0.4 32 6.3  22 141 163  1 0 155 153 155   1 0 | -1 -1 -1 -1  1 -1 -1 -1 -1 -1   5 2
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2073 3220  1 0  8 5 0 0 0 | 142 0.001 0.000 0.007 0.004 0.000 0.000   49 0.9 28 5.8 114  68 182  2 0 153 146 154  37 1 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7 1
2491 3220  1 0  6 5 0 0 0 | 142 0.001 0.000 0.008 0.007 0.000 0.000   41 1.2 22 5.3 115  67 182  1 0 157 140 149  73 1 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7 1
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   0 1113  0 0  1 0 0 0 0 | 145 0.000 0.000 0.001 0.000 0.000 0.000   50 0.7 17 7.3  42 125 167  8 0 153 154 155   2 1 | -1 -1 -1 -1  1 -1 -1 -1 -1 -1   5 2
   0  589  1 0  1 0 0 0 0 | 145 0.002 0.000 0.002 0.000 0.000 0.000   50 0.7 12 6.5  65 103 168  8 0 153 155 156   3 1 | -1 -1 -1 -1  1 -1 -1 -1 -1 -1   5 2
 508 1672  0 0  3 0 0 0 0 | 145 0.000 0.000 0.003 0.000 0.000 0.000   51 0.6 13 8.3  24 141 165  1 0 153 152 153   1 0 | -1 -1 -1 -1  1 -1 -1 -1 -1 -1   5 2
 797 1519  0 0  2 0 0 0 0 | 145 0.000 0.000 0.003 0.000 0.000 0.000   51 0.7 7  8.4  24 141 165  1 0 153 152 153   1 0 | -1 -1 -1 -1  1 -1 -1 -1 -1 -1   5 2
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  55 1162  2 0  5 0 0 0 0 | 142 0.002 0.000 0.005 0.000 0.000 0.000   51 0.8 9  9.5  50 112 162  8 0 153 149 151   4 1 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1   5 2
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1517 2047  7 0  4 0 0 0 0 | 142 0.013 0.000 0.008 0.000 0.000 0.000   41 1   0  0.7  44 134 178  4 0 149 152 152   5 0 | -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2 1
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1914 2567  5 0  4 0 0 0 0 | 142 0.008 0.000 0.006 0.000 0.000 0.000   42 1   0  8.5  61 106 167  2 0 150 149 151   3 1 | -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2 1
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1979 2252  0 0  2 0 0 0 0   148 0.000 0.000 0.007 0.000 0.000 0.000   37 1.1  3  13   42 126 168 2 0 157 153 156  5 1    1 -1 -1 -1 -1 -1 -1 -1 -1 -1    1  1
2137 3319  0 0  6 0 0 0 0   148 0.000 0.000 0.005 0.000 0.000 0.000   50 0.5 60  4.9  12 151 163 1 0 160 159 160  0 1    1 -1 -1 -1 -1 -1 -1 -1 -1 -1    1  1
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   0 1102  5 0  6 0 0 0 0   148 0.005 0.000 0.005 0.000 0.000 0.000   27 1.5  8  13   50 129 179 3 0 157 154 157  6 0   -1  1 -1 -1 -1 -1 -1 -1 -1 -1    2  1
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  21  767 4 0 6 2 0 0 0   133 0.005 0.000 0.008 0.003 0.000 0.000   31 1.3  0 12.8  60 103 163 2 0 140 139 140 10 0   -1 -1 -1 -1 -1  1 -1 -1 -1 -1   6  1
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2110 3120 3 0 6 0 0 0 0   144 0.003 0.000 0.006 0.000 0.000 0.000   40 0.8  5 11.1  56 112 168 2 0 157 153 155  5 1   -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2  1
```

```
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 671  894  0  0  1  2 0 0 0   132 0.000 0.000 0.004 0.009 0.000 0.000   26 2.1  0    0  81  76 157  4 0  86 109 106 110 -1    -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7 1
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```

```
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   0 1529  3  0 11  1 0 0 0   110 0.002 0.000 0.007 0.001 0.000 0.000   62 0.9  0 11.8   64  92 156  5 0 112 113 113  12 -1    -1  1 -1 -1 -1 -1 -1 -1 -1 -1    2   1
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 803 2218 14  0  8  6 0 0 0   137 0.010 0.000 0.006 0.004 0.000 0.000   56 1.6  0  7.1  136  52 188  5 0 148 143 157  59  1    -1 -1 -1 -1 -1  1 -1 -1 -1 -1    6   1
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```

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 359 1540 10  2 10  6  0 0 0   134 0.008 0.002 0.008 0.005 0.000 0.000   59 1.1  0   0   99  88 187  5 0 151 145 152  44  0    -1 -1 -1 -1 -1  1 -1 -1 -1 -1   6  1
 525 1495  8  1  9  5  0 0 0   134 0.008 0.001 0.009 0.005 0.000 0.000   57 1.2  0   0   95  92 187  4 0 151 147 154  44  0    -1 -1 -1 -1 -1  1 -1 -1 -1 -1   6  1
 653 1610  9  0 10  5  0 0 0   134 0.009 0.000 0.010 0.005 0.000 0.000   57 1.2  0   0  101  86 187  3 0 151 148 155  47  1    -1 -1 -1 -1 -1  1 -1 -1 -1 -1   6  1
 887 1610  8  0  7  3  0 0 0   134 0.011 0.000 0.010 0.004 0.000 0.000   56 1.4  0   0  101  86 187  5 0 151 152 160  44  1    -1 -1 -1 -1 -1  1 -1 -1 -1 -1   6  1
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1610 2122  1  1  0  1  0 2 0   134 0.002 0.002 0.000 0.002 0.000 0.004   63 1.5  0   0  100  71 171  4 1  89 105 105  72 -1    -1 -1 -1 -1 -1 -1 -1  1 -1 -1   8  3
1497 2122  3  1  1  2  0 2 0   134 0.005 0.002 0.002 0.003 0.000 0.003   62 1.5  0   0  113  71 184  4 0  89 113 110 148 -1    -1 -1 -1 -1 -1 -1 -1  1 -1 -1   8  3
1410 2122  3  1  1  3  0 2 0   134 0.004 0.001 0.001 0.004 0.000 0.003   60 1.6  0   0  113  71 184  7 0  89 118 113 195 -1    -1 -1 -1 -1 -1 -1 -1  1 -1 -1   8  3
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1713 2371  2  0  0  0  0 3 0   134 0.003 0.000 0.000 0.000 0.000 0.005   65 1.8  0   0  114  66 180  8 1  88 100 101  83 -1    -1 -1 -1 -1 -1 -1 -1  1 -1 -1   8  3
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   0  608  6  0  5  0  0 0 0   160 0.010 0.000 0.008 0.000 0.000 0.000   58 0.8  0  8.2  74 131 205  7 0 179 170 174  14  0    -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2  1
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 132  905  2  0  1  8  0 0 0   120 0.003 0.000 0.001 0.010 0.000 0.000   58 1.2  0  7.3  78  79 157  3 0 128 114 118  39  0    -1 -1 -1 -1 -1  1 -1 -1 -1 -1   6  1
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 494 1390  0  0  3 11  0 0 0   120 0.000 0.000 0.003 0.012 0.000 0.000   59 1.6  0  9.8  85  69 154  4 0  91 107 107  62  0    -1 -1 -1 -1 -1  1 -1 -1 -1 -1   8  3
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 669 1520  0  0  4  9  0 0 0   120 0.000 0.000 0.005 0.011 0.000 0.000   60 1.6  0   9   85  69 154  4 1  86 105 105  75  0    -1 -1 -1 -1 -1  1 -1 -1 -1 -1   8  3
 669 1709  0  0  5  9  0 1 0   120 0.000 0.000 0.005 0.009 0.000 0.001   62 1.5  0  8.8  85  69 154  5 1  86 102 101  64 -1    -1 -1 -1 -1 -1 -1 -1  1 -1 -1   8  3
```

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 783 1709  0  0  5  6  0  1  0 | 120 0.000 0.000 0.005 0.006 0.000 0.001  62 1.5  0  9.3  85  69 154  4  1  86 101  98  64 -1 | -1 -1 -1 -1 -1 -1 -1  1 -1 -1  8  3
1035 1709  0  0  3  5  0  1  0 | 120 0.000 0.000 0.004 0.007 0.000 0.001  64 1.3  0  8.4  85  69 154  3  1  86  97  93  48 -1 | -1 -1 -1 -1 -1 -1 -1  1 -1 -1  8  3
1035 1913  0  0  4  5  0  2  0 | 120 0.000 0.000 0.005 0.006 0.000 0.002  64 1.1  0  8.1  85  69 154  2  1  86  98  95  44 -1 | -1 -1 -1 -1 -1 -1 -1  1 -1 -1  8  3
 857 2070  0  0  4  7  0  2  0 | 120 0.000 0.000 0.003 0.006 0.000 0.002  62 1.3  0  9.4  83  69 152  6  1  86 101 101  56  0 | -1 -1 -1 -1 -1 -1 -1  1 -1 -1  8  3
1199 2070  0  0  1  6  0  2  0 | 120 0.000 0.000 0.001 0.007 0.000 0.002  64 1.1  0    0  80  74 154  3  0  86  99  99  40 -1 | -1 -1 -1 -1 -1 -1 -1  1 -1 -1  8  3
1199 2342  0  0  2 11  0  2  0 | 120 0.000 0.000 0.002 0.010 0.000 0.002  63 1.3  0    0  83  69 152  6  0 107 100 101  26  0 | -1 -1 -1 -1 -1 -1 -1  1 -1 -1  8  3
1383 2342  0  0  2  8  0  2  0 | 120 0.000 0.000 0.002 0.008 0.000 0.002  64 1.3  0    0  77  69 146  8  0  86  98 100  38  0 | -1 -1 -1 -1 -1 -1 -1  1 -1 -1  8  3
1383 2465  0  0  5 11  0  2  0 | 120 0.000 0.000 0.005 0.010 0.000 0.002  64 1.7  0    0 111  63 174 10  1  86  92 102  43 -1 | -1 -1 -1 -1 -1 -1 -1  1 -1 -1  8  3
1383 2730  0  0  6 12  0  2  0 | 120 0.000 0.000 0.004 0.009 0.000 0.001  63  2   0    0 128  63 191 12  2 107  93 106  36 -1 | -1 -1 -1 -1 -1 -1 -1  1 -1 -1  8  3
1021 2730  0  0  7 16  0  2  0 | 120 0.000 0.000 0.004 0.009 0.000 0.001  62 1.9  0  3.9 128  63 191 10  1 107  95 105  37 -1 | -1 -1 -1 -1 -1 -1 -1  1 -1 -1  8  3
1396 2452  0  0  5 10  0  2  0 | 120 0.000 0.000 0.005 0.009 0.000 0.002  64 1.7  0    0 111  63 174 10  1  86  93 101  42 -1 | -1 -1 -1 -1 -1 -1 -1  1 -1 -1  8  3
   0 1010  3  2  3  5  0  0  0 | 121 0.003 0.002 0.003 0.005 0.000 0.000  58 1.5  0  8.9  96  67 163  7  1 122 116 120  25  0 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1  6  1
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1158 1895  5  2  1  0  0  0  0 | 121 0.007 0.003 0.001 0.000 0.000 0.000  54 1.7  0  9.9  73  96 169  7  0 124 129 130  24  0 | -1  1 -1 -1 -1  1 -1 -1 -1 -1  2  1
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1839 2452  0  1  1  9  0  0  0 | 121 0.000 0.002 0.002 0.015 0.000 0.000  61  2   0  4.9  98  62 160  8  0 114 100 106  59  0 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1  8  3
1839 2894  0  1  4 11  1  0  0 | 121 0.000 0.001 0.004 0.010 0.001 0.000  66 2.1  0  6.4 105  55 160  7  0  67  85  92 109 -1 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1  8  3
1922 2894  0  1  3 11  1  0  0 | 121 0.000 0.001 0.003 0.011 0.001 0.000  67 2.1  0    0 102  55 157  4  1  67  81  87  89 -1 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1  8  3
1922 2771  0  1  4 10  1  0  0 | 121 0.000 0.001 0.005 0.012 0.001 0.000  66 2.1  0    0 102  55 157  5  1  67  83  90  98 -1 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1  8  3
2018 2892  0  1  3  9  1  0  0 | 121 0.000 0.001 0.003 0.010 0.001 0.000  68 2.1  0    0 102  55 157  3  1  67  79  82  83 -1 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1  8  3
2153 2892  0  0  3  7  1  0  0 | 121 0.000 0.000 0.004 0.009 0.001 0.000  70 1.9  0    0 102  55 157  6  2  67  76  79  68 -1 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1  8  3
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1462 2499  0  0  4  0  0  0  0 | 143 0.000 0.000 0.004 0.000 0.000 0.000  66 0.4  4 10.2  22 132 154  1  0 144 143 145   1  0 |  1 -1 -1 -1 -1 -1 -1 -1 -1 -1  1  1
1515 2591  0  0  4  0  0  0  0 | 143 0.000 0.000 0.004 0.000 0.000 0.000  66 0.4  5   10  24 134 158  1  0 144 144 145   1  0 |  1 -1 -1 -1 -1 -1 -1 -1 -1 -1  1  1
1572 2517  0  0  4  0  0  0  0 | 143 0.000 0.000 0.004 0.000 0.000 0.000  66 0.4  4  9.9  22 132 154  0  0 144 143 145   1  0 |  1 -1 -1 -1 -1 -1 -1 -1 -1 -1  1  1
1670 2674  0  0  3  0  0  0  0 | 143 0.000 0.000 0.003 0.000 0.000 0.000  67 0.4  6  9.6  26 133 159  1  0 144 144 145   1  0 |  1 -1 -1 -1 -1 -1 -1 -1 -1 -1  1  1
1670 2825  0  0  3  0  0  0  0 | 143 0.000 0.000 0.003 0.000 0.000 0.000  67 0.3  6  9.6  24 134 158  1  0 144 144 146   1  0 |  1 -1 -1 -1 -1 -1 -1 -1 -1 -1  1  1
1765 2825  0  0  2  0  0  0  0 | 143 0.000 0.000 0.002 0.000 0.000 0.000  68 0.3  5  9.4  23 135 158  1  0 144 144 145   1  0 |  1 -1 -1 -1 -1 -1 -1 -1 -1 -1  1  1
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2018 2989  0  0  1  0  0  0  0 | 143 0.000 0.000 0.001 0.000 0.000 0.000  68 0.3  6  9.6  27 132 159  1  0 144 144 146   1  0 |  1 -1 -1 -1 -1 -1 -1 -1 -1 -1  1  1
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2371 3494  0  0  7  0  0  0  0 | 143 0.000 0.000 0.006 0.000 0.000 0.000  67 0.4  4 13.3  56 106 162  3  1 146 145 147   2  1 |  1 -1 -1 -1 -1 -1 -1 -1 -1 -1  1  1
2371 3328  0  0  3  0  0  0  0 | 143 0.000 0.000 0.003 0.000 0.000 0.000  68 0.3  5 10.3  27 132 159  1  0 146 145 147   1  0 |  1 -1 -1 -1 -1 -1 -1 -1 -1 -1  1  1
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1475 3539  0  0  6  0  0  0  0 | 143 0.000 0.000 0.003 0.000 0.000 0.000  66 0.4  4 12.4  56 106 162  4  1 145 144 146   1  1 |  1 -1 -1 -1 -1 -1 -1 -1 -1 -1  1  1
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   0 1006  9  0  6  0  0  0  0 | 139 0.009 0.000 0.006 0.000 0.000 0.000  54  1   0 18.9  93  96 189  6  0 144 150 150  25  0 | -1  1 -1 -1 -1 -1 -1 -1 -1 -1  2  1
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2405 3597  3  1 12  5  0  0  0 | 133 0.003 0.001 0.010 0.004 0.000 0.000  57 1.9  0  6.2  90  71 161  7  1 140 124 140  20  1 | -1 -1 -1 -1  1 -1 -1 -1 -1 -1  6  1
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  98  803  0  1  2  5  0  0  0 | 140 0.000 0.001 0.003 0.007 0.000 0.000  62 1.2  0  3.9  93  66 159  5  2 142 136 144  26  1 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1  7  1
  98 1010  0  1  2  7  0  0  0 | 140 0.000 0.001 0.002 0.008 0.000 0.000  61 1.3  0  3.9  93  66 159  7  1 142 135 144  24  1 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1  7  1
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 458 1313  0  2  2  7  0  0  0 | 140 0.000 0.002 0.002 0.008 0.000 0.000  60 1.4  0  4.7  96  63 159  8  1 142 133 143  29  1 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1  7  1
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 588 1466  0  1  3  7  0  0  0 | 140 0.000 0.001 0.003 0.008 0.000 0.000  60 1.5  0  6.5 105  63 168  8  0 142 124 142  25  1 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1  7  1
```

```
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 588 1783  0 4  3 9 0 0 0   140 0.000 0.003 0.003 0.008 0.000 0.000   60 1.8 0  8.4  107  52 159  7 0 142 124 141  34 1    -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7 1
 700 1783  0 4  2 8 0 0 0   140 0.000 0.004 0.002 0.007 0.000 0.000   59 1.8 0  8.8  102  52 154  5 0 142 122 141  34 1    -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7 1
 846 1783  0 4  2 6 0 0 0   137 0.000 0.004 0.002 0.006 0.000 0.000   59  2  0  9.8  116  52 168  6 1 142 121 141  34 1    -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7 1
 846 1978  0 4  2 8 0 0 0   137 0.000 0.004 0.002 0.007 0.000 0.000   59 1.8 0  8.6  102  52 154 10 1 142 123 141  35 1    -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7 1
1383 2250  2 4  3 5 0 0 0   137 0.002 0.005 0.003 0.006 0.000 0.000   58 1.9 0  7.8  116  52 168  9 2 142 130 139  38 1    -1 -1 -1 -1 -1  1 -1 -1 -1 -1   6 1
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1625 2616  2 4  7 6 0 0 0   137 0.002 0.004 0.007 0.006 0.000 0.000   58 1.9 0  3.9  109  52 161  8 2 139 132 140  28 1    -1 -1 -1 -1 -1  1 -1 -1 -1 -1   6 1
1747 2796  2 2  7 6 0 0 0   137 0.002 0.002 0.007 0.006 0.000 0.000   58 1.8 0  5.9  106  60 166  6 0 139 133 141  22 1    -1 -1 -1 -1 -1  1 -1 -1 -1 -1   6 1
2102 2935  0 1  5 3 0 0 0   137 0.000 0.001 0.006 0.004 0.000 0.000   59 1.9 0  6.5  102  64 166  5 1 139 133 140  14 1    -1 -1 -1 -1 -1  1 -1 -1 -1 -1   7 1
2102 3074  0 1  7 4 0 0 0   137 0.000 0.001 0.007 0.004 0.000 0.000   59 1.8 0  6.4  102  64 166  5 1 139 133 140  13 1    -1 -1 -1 -1 -1  1 -1 -1 -1 -1   7 1
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2957 3593  8 0  6 0 0 0 0   139 0.013 0.000 0.009 0.000 0.000 0.000   50 0.9 0 13.4   71 107 178  4 0 162 153 158  25 1    -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2 1
```

```
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 110  597  1  0  7   7  0  0  0 | 130 0.002 0.000 0.014 0.014 0.000 0.000 | 59 2.1  0   0   127 50  177 8 2 121 101 115  79  0 | -1 -1 -1 -1 -1 -1 -1  1 -1 -1 | 8 3
 110  707  1  0  7   8  0  0  0 | 130 0.002 0.000 0.012 0.013 0.000 0.000 | 61  2   0   0   127 50  177 5 0 121  98 115  94  0 | -1 -1 -1 -1 -1 -1 -1  1 -1 -1 | 8 3
 110  795  1  0  8   9  0  0  0 | 130 0.001 0.000 0.012 0.013 0.000 0.000 | 62  2   0   0   127 50  177 7 0  60  95 112 269  0 | -1 -1 -1 -1 -1 -1 -1  1 -1 -1 | 8 3
 110  875  1  1  9   8  0  1  0 | 130 0.001 0.001 0.012 0.010 0.000 0.001 | 62 2.2  0   0   161 50  211 9 0  60  89 113 250  0 | -1 -1 -1 -1 -1 -1 -1  1 -1 -1 | 8 3
 229  875  1  1  6   6  0  1  0 | 130 0.002 0.002 0.009 0.009 0.000 0.002 | 63 2.3  0   0   161 50  211 5 0  60  88 113 254 -1 | -1 -1 -1 -1 -1 -1 -1  1 -1 -1 | 8 3
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 357  875  1  1  4   4  0  1  0 | 130 0.002 0.002 0.008 0.008 0.000 0.002 | 64 2.5  0   0   161 50  211 7 0  60  83 114 241 -1 | -1 -1 -1 -1 -1 -1 -1  1 -1 -1 | 8 3
 453  875  0  1  3   3  0  1  0 | 130 0.000 0.002 0.007 0.007 0.000 0.002 | 66 2.4  0   0   161 50  211 7 0  60  75 108 190 -1 | -1 -1 -1 -1 -1 -1 -1  1 -1 -1 | 8 3
   0 1547  4  2 11   6  0  0  0 | 140 0.003 0.001 0.007 0.004 0.000 0.000 | 64 1.2  0  5.9   74 95  169 6 0 142 137 142  18  0 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1 | 6 1
   0  844  3  1  6   4  0  0  0 | 140 0.004 0.001 0.007 0.005 0.000 0.000 | 64 1.1  0  3.8   73 96  169 5 0 146 140 144  16  0 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1 | 6 1
 152  979  3  0  5   3  0  0  0 | 140 0.004 0.001 0.006 0.004 0.000 0.000 | 65 0.9  0  5.5   73 96  169 4 0 145 141 145  13  0 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1 | 6 1
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 682 1614  2  1  7   4  0  0  0 | 140 0.002 0.001 0.008 0.004 0.000 0.000 | 63 1.4  0  6.6   70 93  163 7 0 142 134 141  22  1 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1 | 6 1
 682 1830  3  1  8   6  0  0  0 | 140 0.003 0.001 0.007 0.005 0.000 0.000 | 63 1.5  0  7.2  153 75  228 9 0 142 120 142  22  0 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1 | 6 1
 940 1980  2  3  6   6  0  0  0 | 140 0.002 0.003 0.006 0.006 0.000 0.000 | 62 1.6  0  9.1  153 75  228 9 0 142 118 142  20  0 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1 | 6 1
1075 2209  2  2  5   6  0  0  0 | 140 0.002 0.002 0.004 0.005 0.000 0.000 | 63 1.3  1  9.1  153 75  228 7 0 142 121 143  17  0 | -1 -1 -1 -1 -1  1 -1 -1 -1 -1 | 6 1
1298 2382  1  2  6   6  0  0  0 | 140 0.001 0.002 0.006 0.006 0.000 0.000 | 63 1.5  1  9.5  163 65  228 5 1 142 118 141  27  0 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1 | 7 1
1435 2517  1  3  5   6  0  0  0 | 140 0.001 0.003 0.005 0.006 0.000 0.000 | 62 1.5  1  7.5  163 65  228 5 1 142 118 142  27  0 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1 | 7 1
1760 2694  0  3  5   4  0  0  0 | 140 0.000 0.003 0.005 0.004 0.000 0.000 | 63 1.2  3  8.1   94 65  159 3 2 140 131 139  28  1 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1 | 7 1
1760 2611  0  3  4   3  0  0  0 | 140 0.000 0.004 0.005 0.004 0.000 0.000 | 63 1.2  3  8.1   94 65  159 2 2 140 133 140  22  1 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1 | 7 1
2537 3189  0  5  4   1  0  2  0 | 140 0.000 0.008 0.006 0.002 0.000 0.003 | 62 2.4  2  0.3   56 85  141 3 0 131 123 130  11  1 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1 | 8 3
1969 2977  0  3  5   3  0  1  0 | 140 0.000 0.003 0.005 0.003 0.000 0.001 | 63 1.7  5   4    83 65  148 4 1 140 127 133  32  1 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1 | 7 1
2872 3593  0  3  6   3  0  1  0 | 140 0.000 0.004 0.008 0.004 0.000 0.001 | 64 1.3  0  6.4   60 91  151 4 0 139 128 133  21  1 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1 | 7 1
   0  745  1  1  4   4  0  0  0 | 133 0.001 0.001 0.005 0.005 0.000 0.000 | 57 2.6  0  1.5   81 83  164 6 0 132 125 132  21  1 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1 | 7 1
  44  961  0  1  8   5  0  0  0 | 133 0.000 0.001 0.009 0.005 0.000 0.000 | 58 2.6  0  1.2   66 83  149 4 0 135 123 132  21  1 | -1 -1 -1 -1 -1 -1  1 -1 -1 -1 | 7 1
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1926 2674  0  0  5   1  0  2  0 | 133 0.000 0.000 0.007 0.001 0.000 0.003 | 60 3.2  0   0   105 60  165 6 0  93  94 102  42  0 | -1 -1 -1 -1 -1 -1 -1  1 -1 -1 | 8 3
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1179 2072  6  0  4   0  0  0  0 | 138 0.007 0.000 0.004 0.000 0.000 0.000 | 59 0.7  0  8.5   43 125 168 1 0 148 145 147   6  0 | -1  1 -1 -1 -1 -1 -1 -1 -1 -1 | 2 1
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   0  599  0 1 3 8 0 0 0   129 0.000 0.002 0.005 0.013 0.000 0.000  58 3.9 0  0   158 72 230 10 1 113 90 124 28 -1   -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7 1
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 752 1643  0 1 6 5 0 2 0   129 0.000 0.001 0.007 0.006 0.000 0.002  67 3.2 0  0   80 66 146  7 0 105 80 107  9  0   -1 -1 -1 -1 -1 -1 -1  1 -1 -1   8 3
 752 1684  0 1 6 5 0 2 0   129 0.000 0.001 0.006 0.005 0.000 0.002  67 3.3 0  0   129 63 192  7 0 105 80 107 14 -1   -1 -1 -1 -1 -1 -1 -1  1 -1 -1   8 3
1118 2032  0 1 7 5 0 2 0   128 0.000 0.001 0.008 0.005 0.000 0.002  66 2.9 0  0   129 63 192  6 1 103 84 110 20 -1   -1 -1 -1 -1 -1 -1 -1  1 -1 -1   8 3
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 911 2205  0 2 9 6 0 3 0   128 0.000 0.002 0.007 0.005 0.000 0.002  66 2.7 0  0   129 63 192  4 0 105 89 112 21  0   -1 -1 -1 -1 -1 -1 -1  1 -1 -1   8 3
```

```
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1697 2544 0  3  7  7 0 0 0   128 0.000 0.004 0.008 0.008 0.000 0.000  64 2    0   0   100  71 171  4 2 122 112 123  20  0   -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7 1
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1935 3067 0  7 10 10 0 0 0   128 0.000 0.006 0.009 0.009 0.000 0.000  63 2.5  0  1.2  107  64 171  4 1 129 115 128  17  0   -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7 1
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2180 3240 0  7  9 10 0 0 0   128 0.000 0.007 0.008 0.009 0.000 0.000  63 3    0  1.5   96  64 160  5 2 127 109 128  24  0   -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7 1
2180 3092 0  7  6  9 0 0 0   128 0.000 0.008 0.007 0.010 0.000 0.000  63 2.8  0  1.4   96  64 160  3 0 127 114 129  16  0   -1 -1 -1 -1 -1 -1  1 -1 -1 -1   7 1
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1008 2149 8  1  1  0 0 0 0   130 0.007 0.001 0.001 0.000 0.000 0.000  71 0.7 10   4    31 127 158  1 0 139 140 141   3  0   -1  1 -1 -1 -1 -1 -1 -1 -1 -1   2 1
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 141  999 0  0  8  0 0 0 0   136 0.000 0.000 0.009 0.000 0.000 0.000  79 0.2 40  5.1   20 129 149  2 0 138 138 139   0  0    1 -1 -1 -1 -1 -1 -1 -1 -1 -1   1 1
```

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 965 1744  0  2  6  1  0  0  0   136 0.000 0.003 0.008 0.001 0.000 0.000   67 2.2   0 4.4  45 100 145  3  0 133 131 136  2  1    1 -1 -1 -1 -1 -1 -1 -1 -1 -1     1      1
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2728 3584  0  0  6  0  0  0  0   137 0.000 0.000 0.007 0.000 0.000 0.000   81 0.4  33 6.3  31 121 152  2  0 146 143 145  1  1    1 -1 -1 -1 -1 -1 -1 -1 -1 -1     1      1
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 595 1677  0  0  7  1  0  0  0   140 0.000 0.000 0.006 0.001 0.000 0.000   79 0.5  26  7   21 129 150  1  0 145 142 145  2  1    1 -1 -1 -1 -1 -1 -1 -1 -1 -1     1      1
 790 1677  0  0  6  1  0  0  0   140 0.000 0.000 0.007 0.001 0.000 0.000   79 0.6  27 6.4  26 124 150  1  0 144 141 145  1  1    1 -1 -1 -1 -1 -1 -1 -1 -1 -1     1      1
1143 1947  0  0  4  1  0  0  0   140 0.000 0.000 0.005 0.001 0.000 0.000   77 0.7  17  6   31 124 155  2  0 145 143 145  2  0    1 -1 -1 -1 -1 -1 -1 -1 -1 -1     1      1
2059 2867  0  0  6  0  0  0  0   140 0.000 0.000 0.007 0.000 0.000 0.000   79 0.2  25 7.2  40 137 177  4  0 153 150 152  2  0   -1 -1 -1 -1  1 -1 -1 -1 -1 -1     5      2
1576 2867  1  0  9  0  0  0  0   140 0.001 0.000 0.007 0.000 0.000 0.000   78 0.4  22 7.1  66 103 169  6  0 152 148 151  3  1   -1 -1 -1 -1  1 -1 -1 -1 -1 -1     5      2
1576 2596  1  0  7  0  0  0  0   140 0.001 0.000 0.007 0.000 0.000 0.000   79 0.4  20 6.1  67 103 170  5  0 153 148 152  4  1   -1 -1 -1 -1  1 -1 -1 -1 -1 -1     5      2
1576 3049  1  0  9  0  0  0  0   140 0.001 0.000 0.006 0.000 0.000 0.000   78 0.4  27  7   66 103 169  6  0 152 147 151  4  1   -1 -1 -1 -1  1 -1 -1 -1 -1 -1     5      2
2796 3415  1  1  5  0  0  0  0   142 0.002 0.002 0.008 0.000 0.000 0.000   74 0.4  36  5   42 117 159  2  1 145 143 145  1  0    1 -1 -1 -1 -1 -1 -1 -1 -1 -1     1      1

                   0  0  0  0                0.000 0.000 0.000
         564 23 16  1  4  0       0.481 0.015 0.015 0.001 0.005 87.000 #### ##### 50.700                     384 579 53 81 72 332 252 107 69 197
```