

# Data Analysis Utilizing Logistic Regression: Mushroom Foraging

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## Introduction

In the future, I plan to add mushroom foraging to my list of hobbies. They are currently one of my favorite foods and I hope to learn more about them in order to gather and cook them on my own. Given the fact that my mushroom knowledge is rudimentary—I choose to analyze a data set that has multiple characteristics of a given mushroom and the classification of its edibility.

**The Data** The data we will analyze was adapted from Kaggle. The original data set includes 8,124 observations of 23 variables; however, we will perform some explanatory data analysis in order to simplify and “tidy” this data set in order for it to have optimal compatibility for logistic regression.

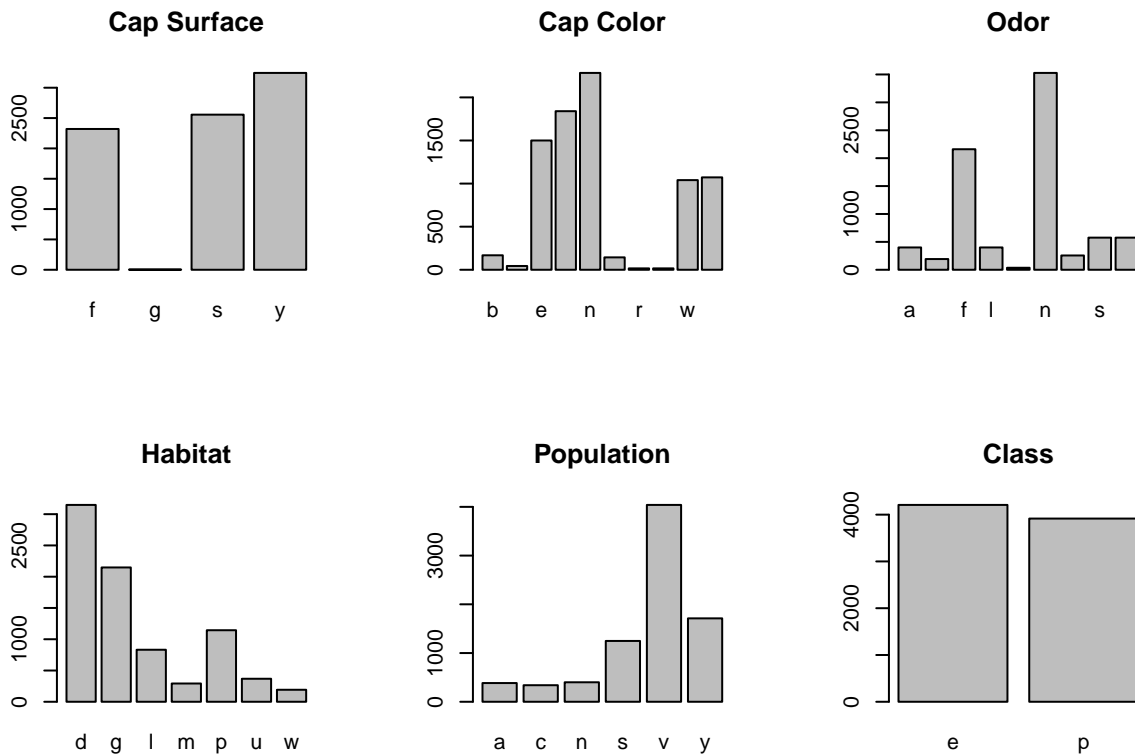
```
## class cap.shape cap.surface cap.color bruises odor gill.attachment
## 1 p x s n t p f
## 2 e x s y t a f
## 3 e b s w t l f
## 4 p x y w t p f
## 5 e x s g f n f
## 6 e x y y t a f
## gill.spacing gill.size gill.color stalk.shape stalk.root
## 1 c n k e e
## 2 c b k e c
## 3 c b n e c
## 4 c n n e e
## 5 w b k t e
## 6 c b n e c
## stalk.surface.above.ring stalk.surface.below.ring stalk.color.above.ring
## 1 s s w
## 2 s s w
## 3 s s w
## 4 s s w
## 5 s s w
## 6 s s w
## stalk.color.below.ring veil.type veil.color ring.number ring.type
## 1 w p w o p
## 2 w p w o p
## 3 w p w o p
## 4 w p w o p
## 5 w p w o e
## 6 w p w o p
## spore.print.color population habitat
## 1 k s u
```

##	2	n	n	g
##	3	n	n	m
##	4	k	s	u
##	5	n	a	g
##	6	k	n	g

Note that this data frame includes characteristics such as `gill.spacing`, `ring.type`, and other slightly more “technical” variables. In order for this analysis to be the most meaningful, we will strictly focus on the variables which—given my level of knowledge on the subject—I am easily able to classify. With this being said, the variables we will further analyze are:

- **cap.surface** How the surface of the mushroom feels: fibrous=f, grooves=g, scaly=y, smooth=s
- **cap.color** The color of the mushroom cap: brown=n, buff=b, cinnamon=c, grey=g, green=r, pink=p, purple=u, red=r, white=w, yellow=y
- **bruises** Slight discoloration of the mushroom in spots: bruises=t, no bruises=false
- **odor** The smell of the mushroom: almond=a, anise=l, creosote=c, fishy=y, foul=f, musty=m, none=n, pungent=p, spicy=s
- **habitat** Where the mushroom was found: grasses=g, leaves=l, meadows=m, paths=p, urban=u, waste=w, woods=d
- **population** The number of mushrooms of similar characteristics found in the area: abundant=a, clustered=c, numerous=n, scattered=s, several=v, solitary=y
- **class** The edibility of the mushroom: poisonous=p, edible=e

To get a better idea of what each of these variables entail, we look at barplots of each categorical variable (i.e. those that are not already an indicator) in order to see their frequencies among the different classifications.



The frequencies for each category appear to be relatively spaced out, aside from a few minuscule categories. In order for this analysis to be the most useful to the amateur mushroom forager (i.e. like myself); I have chosen to re-categorize the data in order to make each of the above variables into indicator variables.

**The Tidy Data** After altering the original data frame and tidying up the data, we are left with the following indicator variables. Due to the location of common foraging, we choose to focus on grassy and wooded areas. The tidy data frame is shown below.

- **Colorful** Is the mushroom colorful? Yes or no.
- **Odor** Does the mushroom have an odor? Yes or no.
- **Smooth** Is the mushroom cap smooth? Yes or no.
- **Poisonous** Whether the mushroom is poisonous.
- **Bruises** Does the mushroom have bruises? Yes or no.
- **Clustered** Is the mushroom clustered/numerous (versus solitary)? Yes or no.
- **Grass** Was the mushroom found in the grass? Yes or no. This variable includes meadows and grass.
- **Woods** Was the mushroom found in the woods? Yes or no.

##	Colorful	Odor	Smooth	Poisonous	Bruises	Clustered	Grass	Woods
## 1	No	No	No	0	No	No	No	No
## 2	Yes	No	No	0	No	No	No	No
## 3	No	Yes	No	0	No	No	No	No
## 4	Yes	Yes	No	0	No	No	No	No
## 5	No	No	Yes	0	No	No	No	No
## 6	Yes	No	Yes	0	No	No	No	No
## 7	No	Yes	Yes	0	No	No	No	No
## 8	Yes	Yes	Yes	0	No	No	No	No
## 9	No	No	No	1	No	No	No	No
## 10	Yes	No	No	1	No	No	No	No
## 11	No	Yes	No	1	No	No	No	No
## 12	Yes	Yes	No	1	No	No	No	No
## 13	No	No	Yes	1	No	No	No	No
## 14	Yes	No	Yes	1	No	No	No	No
## 15	No	Yes	Yes	1	No	No	No	No
## 16	Yes	Yes	Yes	1	No	No	No	No
## 17	No	No	No	0	Yes	No	No	No
## 18	Yes	No	No	0	Yes	No	No	No
## 19	No	Yes	No	0	Yes	No	No	No
## 20	Yes	Yes	No	0	Yes	No	No	No
## 21	No	No	Yes	0	Yes	No	No	No
## 22	Yes	No	Yes	0	Yes	No	No	No
## 23	No	Yes	Yes	0	Yes	No	No	No
## 24	Yes	Yes	Yes	0	Yes	No	No	No
## 25	No	No	No	1	Yes	No	No	No
## 26	Yes	No	No	1	Yes	No	No	No
## 27	No	Yes	No	1	Yes	No	No	No
## 28	Yes	Yes	No	1	Yes	No	No	No
## 29	No	No	Yes	1	Yes	No	No	No
## 30	Yes	No	Yes	1	Yes	No	No	No
## 31	No	Yes	Yes	1	Yes	No	No	No
## 32	Yes	Yes	Yes	1	Yes	No	No	No
## 33	No	No	No	0	No	Yes	No	No
## 34	Yes	No	No	0	No	Yes	No	No
## 35	No	Yes	No	0	No	Yes	No	No

## 36	Yes	Yes	No	0	No	Yes	No	No
## 37	No	No	Yes	0	No	Yes	No	No
## 38	Yes	No	Yes	0	No	Yes	No	No
## 39	No	Yes	Yes	0	No	Yes	No	No
## 40	Yes	Yes	Yes	0	No	Yes	No	No
## 41	No	No	No	1	No	Yes	No	No
## 42	Yes	No	No	1	No	Yes	No	No
## 43	No	Yes	No	1	No	Yes	No	No
## 44	Yes	Yes	No	1	No	Yes	No	No
## 45	No	No	Yes	1	No	Yes	No	No
## 46	Yes	No	Yes	1	No	Yes	No	No
## 47	No	Yes	Yes	1	No	Yes	No	No
## 48	Yes	Yes	Yes	1	No	Yes	No	No
## 49	No	No	No	0	Yes	Yes	No	No
## 50	Yes	No	No	0	Yes	Yes	No	No
## 51	No	Yes	No	0	Yes	Yes	No	No
## 52	Yes	Yes	No	0	Yes	Yes	No	No
## 53	No	No	Yes	0	Yes	Yes	No	No
## 54	Yes	No	Yes	0	Yes	Yes	No	No
## 55	No	Yes	Yes	0	Yes	Yes	No	No
## 56	Yes	Yes	Yes	0	Yes	Yes	No	No
## 57	No	No	No	1	Yes	Yes	No	No
## 58	Yes	No	No	1	Yes	Yes	No	No
## 59	No	Yes	No	1	Yes	Yes	No	No
## 60	Yes	Yes	No	1	Yes	Yes	No	No
## 61	No	No	Yes	1	Yes	Yes	No	No
## 62	Yes	No	Yes	1	Yes	Yes	No	No
## 63	No	Yes	Yes	1	Yes	Yes	No	No
## 64	Yes	Yes	Yes	1	Yes	Yes	No	No
## 65	No	No	No	0	No	No	Yes	No
## 66	Yes	No	No	0	No	No	Yes	No
## 67	No	Yes	No	0	No	No	Yes	No
## 68	Yes	Yes	No	0	No	No	Yes	No
## 69	No	No	Yes	0	No	No	Yes	No
## 70	Yes	No	Yes	0	No	No	Yes	No
## 71	No	Yes	Yes	0	No	No	Yes	No
## 72	Yes	Yes	Yes	0	No	No	Yes	No
## 73	No	No	No	1	No	No	Yes	No
## 74	Yes	No	No	1	No	No	Yes	No
## 75	No	Yes	No	1	No	No	Yes	No
## 76	Yes	Yes	No	1	No	No	Yes	No
## 77	No	No	Yes	1	No	No	Yes	No
## 78	Yes	No	Yes	1	No	No	Yes	No
## 79	No	Yes	Yes	1	No	No	Yes	No
## 80	Yes	Yes	Yes	1	No	No	Yes	No
## 81	No	No	No	0	Yes	No	Yes	No
## 82	Yes	No	No	0	Yes	No	Yes	No
## 83	No	Yes	No	0	Yes	No	Yes	No
## 84	Yes	Yes	No	0	Yes	No	Yes	No
## 85	No	No	Yes	0	Yes	No	Yes	No
## 86	Yes	No	Yes	0	Yes	No	Yes	No
## 87	No	Yes	Yes	0	Yes	No	Yes	No
## 88	Yes	Yes	Yes	0	Yes	No	Yes	No
## 89	No	No	No	1	Yes	No	Yes	No

## 90	Yes	No	No	1	Yes	No	Yes	No
## 91	No	Yes	No	1	Yes	No	Yes	No
## 92	Yes	Yes	No	1	Yes	No	Yes	No
## 93	No	No	Yes	1	Yes	No	Yes	No
## 94	Yes	No	Yes	1	Yes	No	Yes	No
## 95	No	Yes	Yes	1	Yes	No	Yes	No
## 96	Yes	Yes	Yes	1	Yes	No	Yes	No
## 97	No	No	No	0	No	Yes	Yes	No
## 98	Yes	No	No	0	No	Yes	Yes	No
## 99	No	Yes	No	0	No	Yes	Yes	No
## 100	Yes	Yes	No	0	No	Yes	Yes	No
## 101	No	No	Yes	0	No	Yes	Yes	No
## 102	Yes	No	Yes	0	No	Yes	Yes	No
## 103	No	Yes	Yes	0	No	Yes	Yes	No
## 104	Yes	Yes	Yes	0	No	Yes	Yes	No
## 105	No	No	No	1	No	Yes	Yes	No
## 106	Yes	No	No	1	No	Yes	Yes	No
## 107	No	Yes	No	1	No	Yes	Yes	No
## 108	Yes	Yes	No	1	No	Yes	Yes	No
## 109	No	No	Yes	1	No	Yes	Yes	No
## 110	Yes	No	Yes	1	No	Yes	Yes	No
## 111	No	Yes	Yes	1	No	Yes	Yes	No
## 112	Yes	Yes	Yes	1	No	Yes	Yes	No
## 113	No	No	No	0	Yes	Yes	Yes	No
## 114	Yes	No	No	0	Yes	Yes	Yes	No
## 115	No	Yes	No	0	Yes	Yes	Yes	No
## 116	Yes	Yes	No	0	Yes	Yes	Yes	No
## 117	No	No	Yes	0	Yes	Yes	Yes	No
## 118	Yes	No	Yes	0	Yes	Yes	Yes	No
## 119	No	Yes	Yes	0	Yes	Yes	Yes	No
## 120	Yes	Yes	Yes	0	Yes	Yes	Yes	No
## 121	No	No	No	1	Yes	Yes	Yes	No
## 122	Yes	No	No	1	Yes	Yes	Yes	No
## 123	No	Yes	No	1	Yes	Yes	Yes	No
## 124	Yes	Yes	No	1	Yes	Yes	Yes	No
## 125	No	No	Yes	1	Yes	Yes	Yes	No
## 126	Yes	No	Yes	1	Yes	Yes	Yes	No
## 127	No	Yes	Yes	1	Yes	Yes	Yes	No
## 128	Yes	Yes	Yes	1	Yes	Yes	Yes	No
## 129	No	No	No	0	No	No	No	Yes
## 130	Yes	No	No	0	No	No	No	Yes
## 131	No	Yes	No	0	No	No	No	Yes
## 132	Yes	Yes	No	0	No	No	No	Yes
## 133	No	No	Yes	0	No	No	No	Yes
## 134	Yes	No	Yes	0	No	No	No	Yes
## 135	No	Yes	Yes	0	No	No	No	Yes
## 136	Yes	Yes	Yes	0	No	No	No	Yes
## 137	No	No	No	1	No	No	No	Yes
## 138	Yes	No	No	1	No	No	No	Yes
## 139	No	Yes	No	1	No	No	No	Yes
## 140	Yes	Yes	No	1	No	No	No	Yes
## 141	No	No	Yes	1	No	No	No	Yes
## 142	Yes	No	Yes	1	No	No	No	Yes
## 143	No	Yes	Yes	1	No	No	No	Yes

## 144	Yes	Yes	Yes	1	No	No	No	Yes
## 145	No	No	No	0	Yes	No	No	Yes
## 146	Yes	No	No	0	Yes	No	No	Yes
## 147	No	Yes	No	0	Yes	No	No	Yes
## 148	Yes	Yes	No	0	Yes	No	No	Yes
## 149	No	No	Yes	0	Yes	No	No	Yes
## 150	Yes	No	Yes	0	Yes	No	No	Yes
## 151	No	Yes	Yes	0	Yes	No	No	Yes
## 152	Yes	Yes	Yes	0	Yes	No	No	Yes
## 153	No	No	No	1	Yes	No	No	Yes
## 154	Yes	No	No	1	Yes	No	No	Yes
## 155	No	Yes	No	1	Yes	No	No	Yes
## 156	Yes	Yes	No	1	Yes	No	No	Yes
## 157	No	No	Yes	1	Yes	No	No	Yes
## 158	Yes	No	Yes	1	Yes	No	No	Yes
## 159	No	Yes	Yes	1	Yes	No	No	Yes
## 160	Yes	Yes	Yes	1	Yes	No	No	Yes
## 161	No	No	No	0	No	Yes	No	Yes
## 162	Yes	No	No	0	No	Yes	No	Yes
## 163	No	Yes	No	0	No	Yes	No	Yes
## 164	Yes	Yes	No	0	No	Yes	No	Yes
## 165	No	No	Yes	0	No	Yes	No	Yes
## 166	Yes	No	Yes	0	No	Yes	No	Yes
## 167	No	Yes	Yes	0	No	Yes	No	Yes
## 168	Yes	Yes	Yes	0	No	Yes	No	Yes
## 169	No	No	No	1	No	Yes	No	Yes
## 170	Yes	No	No	1	No	Yes	No	Yes
## 171	No	Yes	No	1	No	Yes	No	Yes
## 172	Yes	Yes	No	1	No	Yes	No	Yes
## 173	No	No	Yes	1	No	Yes	No	Yes
## 174	Yes	No	Yes	1	No	Yes	No	Yes
## 175	No	Yes	Yes	1	No	Yes	No	Yes
## 176	Yes	Yes	Yes	1	No	Yes	No	Yes
## 177	No	No	No	0	Yes	Yes	No	Yes
## 178	Yes	No	No	0	Yes	Yes	No	Yes
## 179	No	Yes	No	0	Yes	Yes	No	Yes
## 180	Yes	Yes	No	0	Yes	Yes	No	Yes
## 181	No	No	Yes	0	Yes	Yes	No	Yes
## 182	Yes	No	Yes	0	Yes	Yes	No	Yes
## 183	No	Yes	Yes	0	Yes	Yes	No	Yes
## 184	Yes	Yes	Yes	0	Yes	Yes	No	Yes
## 185	No	No	No	1	Yes	Yes	No	Yes
## 186	Yes	No	No	1	Yes	Yes	No	Yes
## 187	No	Yes	No	1	Yes	Yes	No	Yes
## 188	Yes	Yes	No	1	Yes	Yes	No	Yes
## 189	No	No	Yes	1	Yes	Yes	No	Yes
## 190	Yes	No	Yes	1	Yes	Yes	No	Yes
## 191	No	Yes	Yes	1	Yes	Yes	No	Yes
## 192	Yes	Yes	Yes	1	Yes	Yes	No	Yes
## 193	No	No	No	0	No	No	Yes	Yes
## 194	Yes	No	No	0	No	No	Yes	Yes
## 195	No	Yes	No	0	No	No	Yes	Yes
## 196	Yes	Yes	No	0	No	No	Yes	Yes
## 197	No	No	Yes	0	No	No	Yes	Yes

## 198	Yes	No	Yes	0	No	No	Yes	Yes
## 199	No	Yes	Yes	0	No	No	Yes	Yes
## 200	Yes	Yes	Yes	0	No	No	Yes	Yes
## 201	No	No	No	1	No	No	Yes	Yes
## 202	Yes	No	No	1	No	No	Yes	Yes
## 203	No	Yes	No	1	No	No	Yes	Yes
## 204	Yes	Yes	No	1	No	No	Yes	Yes
## 205	No	No	Yes	1	No	No	Yes	Yes
## 206	Yes	No	Yes	1	No	No	Yes	Yes
## 207	No	Yes	Yes	1	No	No	Yes	Yes
## 208	Yes	Yes	Yes	1	No	No	Yes	Yes
## 209	No	No	No	0	Yes	No	Yes	Yes
## 210	Yes	No	No	0	Yes	No	Yes	Yes
## 211	No	Yes	No	0	Yes	No	Yes	Yes
## 212	Yes	Yes	No	0	Yes	No	Yes	Yes
## 213	No	No	Yes	0	Yes	No	Yes	Yes
## 214	Yes	No	Yes	0	Yes	No	Yes	Yes
## 215	No	Yes	Yes	0	Yes	No	Yes	Yes
## 216	Yes	Yes	Yes	0	Yes	No	Yes	Yes
## 217	No	No	No	1	Yes	No	Yes	Yes
## 218	Yes	No	No	1	Yes	No	Yes	Yes
## 219	No	Yes	No	1	Yes	No	Yes	Yes
## 220	Yes	Yes	No	1	Yes	No	Yes	Yes
## 221	No	No	Yes	1	Yes	No	Yes	Yes
## 222	Yes	No	Yes	1	Yes	No	Yes	Yes
## 223	No	Yes	Yes	1	Yes	No	Yes	Yes
## 224	Yes	Yes	Yes	1	Yes	No	Yes	Yes
## 225	No	No	No	0	No	Yes	Yes	Yes
## 226	Yes	No	No	0	No	Yes	Yes	Yes
## 227	No	Yes	No	0	No	Yes	Yes	Yes
## 228	Yes	Yes	No	0	No	Yes	Yes	Yes
## 229	No	No	Yes	0	No	Yes	Yes	Yes
## 230	Yes	No	Yes	0	No	Yes	Yes	Yes
## 231	No	Yes	Yes	0	No	Yes	Yes	Yes
## 232	Yes	Yes	Yes	0	No	Yes	Yes	Yes
## 233	No	No	No	1	No	Yes	Yes	Yes
## 234	Yes	No	No	1	No	Yes	Yes	Yes
## 235	No	Yes	No	1	No	Yes	Yes	Yes
## 236	Yes	Yes	No	1	No	Yes	Yes	Yes
## 237	No	No	Yes	1	No	Yes	Yes	Yes
## 238	Yes	No	Yes	1	No	Yes	Yes	Yes
## 239	No	Yes	Yes	1	No	Yes	Yes	Yes
## 240	Yes	Yes	Yes	1	No	Yes	Yes	Yes
## 241	No	No	No	0	Yes	Yes	Yes	Yes
## 242	Yes	No	No	0	Yes	Yes	Yes	Yes
## 243	No	Yes	No	0	Yes	Yes	Yes	Yes
## 244	Yes	Yes	No	0	Yes	Yes	Yes	Yes
## 245	No	No	Yes	0	Yes	Yes	Yes	Yes
## 246	Yes	No	Yes	0	Yes	Yes	Yes	Yes
## 247	No	Yes	Yes	0	Yes	Yes	Yes	Yes
## 248	Yes	Yes	Yes	0	Yes	Yes	Yes	Yes
## 249	No	No	No	1	Yes	Yes	Yes	Yes
## 250	Yes	No	No	1	Yes	Yes	Yes	Yes
## 251	No	Yes	No	1	Yes	Yes	Yes	Yes

## 252	Yes	Yes	No	1	Yes	Yes	Yes	Yes
## 253	No	No	Yes	1	Yes	Yes	Yes	Yes
## 254	Yes	No	Yes	1	Yes	Yes	Yes	Yes
## 255	No	Yes	Yes	1	Yes	Yes	Yes	Yes
## 256	Yes	Yes	Yes	1	Yes	Yes	Yes	Yes

## The Modeling Process

Given the fact that our response variable is a binary outcome, we use logistic regression with a logit link function. In other words,  $Poisonous \sim Bernoulli(p_i)$  where  $logit(p_i) = \eta_i$  where  $\eta_i$  is the following linear component:

$$\eta_i = \beta_0 + \beta_1 I_{Odor_i} + \beta_2 I_{Smooth_i} + \beta_3 I_{Bruises_i} + \beta_4 I_{Clustered_i} + \beta_5 I_{Grass_i} + \beta_6 I_{Woods_i}.$$

We begin with a null model,  $logit(p_i) = \beta_0$ . The summary for this model is shown below.

```
## # A tibble: 1 x 5
##   null.deviance logLik    AIC    BIC deviance
##   <dbl>    <dbl>    <dbl>    <dbl>    <dbl>
## 1      11252. -5626.  11254.  11261.   11252.

## # A tibble: 1 x 5
##   term          estimate std.error statistic p.value
##   <chr>          <dbl>    <dbl>    <dbl>    <dbl>
## 1 (Intercept)  -0.0719    0.0222    -3.24  0.00120
```

Next, we fit the full model, with all of the predictors included. From there, we use the `step` function in order to “weed out” unnecessary variables in order to head toward the most optimal model.

```
## Start:  AIC=2655.56
## Poisonous ~ Colorful + Odor + Smooth + Bruises + Clustered +
##   Grass + Woods
##
##           Df Deviance    AIC
## - Colorful  1   2640.4 2654.4
## <none>      1   2639.6 2655.6
## - Smooth   1   2653.0 2667.0
## - Woods    1   2653.9 2667.9
## - Clustered 1   2661.2 2675.2
## - Grass    1   2765.8 2779.8
## - Bruises  1   3387.8 3401.8
## - Odor     1   7832.5 7846.5
##
## Step:  AIC=2654.44
## Poisonous ~ Odor + Smooth + Bruises + Clustered + Grass + Woods
##
##           Df Deviance    AIC
## <none>      1   2640.4 2654.4
## + Colorful  1   2639.6 2655.6
## - Smooth   1   2653.4 2665.4
## - Woods    1   2654.1 2666.1
## - Clustered 1   2661.5 2673.5
```

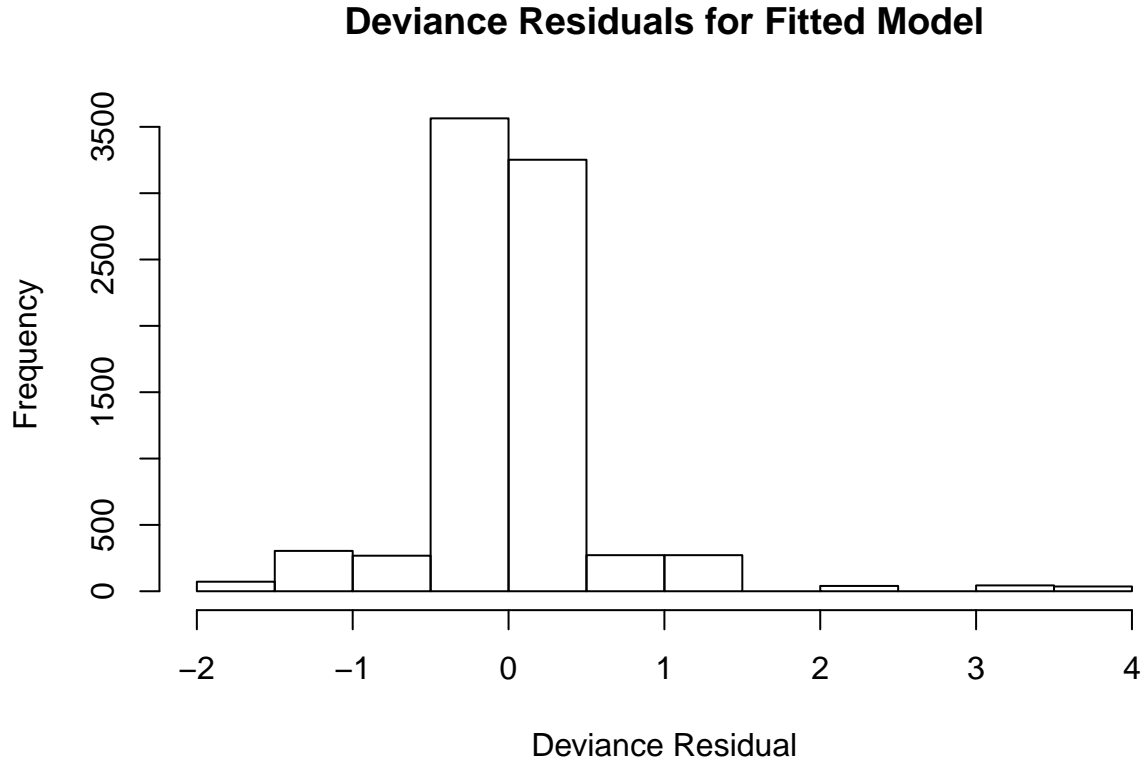


```
## - Grass      1  2765.9 2777.9
## - Bruises    1  3388.2 3400.2
## - Odor       1  8101.4 8113.4

##
## Call: glm(formula = Poisonous ~ Odor + Smooth + Bruises + Clustered +
##          Grass + Woods, family = binomial(link = "logit"), data = mushrooms)
##
## Coefficients:
## (Intercept)      OdorYes      SmoothYes      BruisesYes  ClusteredYes
##      -1.9741         6.2359        -0.4046        -3.2043          0.8071
##      GrassYes      WoodsYes
##      -1.4928        -0.6434
##
## Degrees of Freedom: 8123 Total (i.e. Null);  8117 Residual
## Null Deviance:      11250
## Residual Deviance: 2640  AIC: 2654
```

From the code above, we are able to see that the model with the lowest AIC is when `Colorful` is removed from the full model. After doing so, we gather the specifications of this model, which are shown below (note that null deviance from this data frame matches the deviance from our null model—as it should!)

```
##          term estimate std.error statistic p.value
## 1 (Intercept)   -1.97     0.23     -8.55      0
## 2      OdorYes    6.24     0.15     41.30      0
## 3     SmoothYes  -0.40     0.11     -3.59      0
## 4   BruisesYes  -3.20     0.15    -21.42      0
## 5 ClusteredYes   0.81     0.18      4.57      0
## 6     GrassYes  -1.49     0.14    -10.63      0
## 7     WoodsYes  -0.64     0.18     -3.67      0
```



| Based on the histogram of the residual deviance from the model, we are able to conclude that this model does a relatively nice job predicting the edibility outcome.

### Conclusion: Inference and Predictions

Based on the estimates shown above, our final model is shown below:

$$\text{logit}(p_i) = \eta_i = -1.97 + 6.24I_{\text{Odor}_i} - 0.4I_{\text{Smooth}_i} - 3.2I_{\text{Bruises}_i} + 0.81I_{\text{Clustered}_i} - 1.49I_{\text{Grass}_i} - 0.64I_{\text{Woods}_i},$$

$$\Rightarrow p_i = \frac{e^{\eta_i}}{1 + e^{\eta_i}}$$

It appears that the factors that have the most weight in determining whether a mushroom is poisonous is whether or not the mushroom has an odor—if so, thus increasing the odds ratio that the mushroom is poisonous by a factor of  $e^{6.24}$ —and whether or not the mushroom has bruises—if not thus decreasing the odds ratio by a factor of  $\frac{1}{e^{3.20}}$ . We can also conclude that whether or not a mushroom is colorful is not a statistically significant factor in determining whether a mushroom is poisonous.

Below is a preview of the data frame with the computed probabilities of whether or not that given mushroom is poisonous, along with the actual class of the mushroom. Overall, we are able to see that the model does give a relatively high probability for being poisonous when the mushroom *is* actually poisonous. However, there are a few cases—specifically when the mushroom in question has an odor—when the predicted probability is above .5, when the mushroom is actually edible. This arises in the question that perhaps the model gives odor a stronger weight on the mushrooms class than it should.

##	predict	Odor	Smooth	Bruises	Clustered	Grass	Woods	Poisonous
## 1	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 2	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 3	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 4	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 5	0.0653881752	No	No	No	Yes	Yes	No	0
## 6	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 7	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 8	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 9	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 10	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 11	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 12	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 13	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 14	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 15	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 16	0.0848066290	No	Yes	No	No	No	No	0
## 17	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 18	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 19	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 20	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 21	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 22	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 23	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 24	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 25	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 26	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 27	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 28	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 29	0.0848066290	No	Yes	No	No	No	No	0
## 30	0.7722728058	Yes	No	Yes	Yes	No	Yes	0
## 31	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 32	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 33	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 34	0.0037470933	No	Yes	Yes	No	No	No	0
## 35	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 36	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 37	0.1719816506	No	Yes	No	Yes	No	No	0
## 38	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 39	0.6935052691	Yes	Yes	Yes	Yes	No	Yes	0
## 40	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 41	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 42	0.0037470933	No	Yes	Yes	No	No	No	0
## 43	0.0848066290	No	Yes	No	No	No	No	0
## 44	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 45	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 46	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 47	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 48	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 49	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 50	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 51	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 52	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 53	0.0028316814	No	No	Yes	Yes	Yes	No	0

## 54	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 55	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 56	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 57	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 58	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 59	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 60	0.6576514643	Yes	Yes	Yes	No	No	No	0
## 61	0.1719816506	No	Yes	No	Yes	No	No	0
## 62	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 63	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 64	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 65	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 66	0.0653881752	No	No	No	Yes	Yes	No	0
## 67	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 68	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 69	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 70	0.1719816506	No	Yes	No	Yes	No	No	0
## 71	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 72	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 73	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 74	0.8115265432	Yes	Yes	Yes	Yes	No	No	0
## 75	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 76	0.0065959803	No	No	Yes	Yes	No	Yes	0
## 77	0.0065959803	No	No	Yes	Yes	No	Yes	0
## 78	0.0037470933	No	Yes	Yes	No	No	No	0
## 79	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 80	0.3015500030	Yes	Yes	Yes	No	Yes	No	0
## 81	0.0653881752	No	No	No	Yes	Yes	No	0
## 82	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 83	0.0848066290	No	Yes	No	No	No	No	0
## 84	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 85	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 86	0.0653881752	No	No	No	Yes	Yes	No	0
## 87	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 88	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 89	0.0008446069	No	Yes	Yes	No	Yes	No	0
## 90	0.1719816506	No	Yes	No	Yes	No	No	0
## 91	0.0848066290	No	Yes	No	No	No	No	0
## 92	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 93	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 94	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 95	0.0653881752	No	No	No	Yes	Yes	No	0
## 96	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 97	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 98	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 99	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 100	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 101	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 102	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 103	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 104	0.6576514643	Yes	Yes	Yes	No	No	No	0
## 105	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 106	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 107	0.3015500030	Yes	Yes	Yes	No	Yes	No	0

## 108	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 109	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 110	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 111	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 112	0.0848066290	No	Yes	No	No	No	No	0
## 113	0.6935052691	Yes	Yes	Yes	Yes	No	Yes	0
## 114	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 115	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 116	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 117	0.0848066290	No	Yes	No	No	No	No	0
## 118	0.0008446069	No	Yes	Yes	No	Yes	No	0
## 119	0.0065959803	No	No	Yes	Yes	No	Yes	0
## 120	0.0848066290	No	Yes	No	No	No	No	0
## 121	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 122	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 123	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 124	0.0653881752	No	No	No	Yes	Yes	No	0
## 125	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 126	0.0653881752	No	No	No	Yes	Yes	No	0
## 127	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 128	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 129	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 130	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 131	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 132	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 133	0.0065959803	No	No	Yes	Yes	No	Yes	0
## 134	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 135	0.7722728058	Yes	No	Yes	Yes	No	Yes	0
## 136	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 137	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 138	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 139	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 140	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 141	0.6576514643	Yes	Yes	Yes	No	No	No	0
## 142	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 143	0.1719816506	No	Yes	No	Yes	No	No	0
## 144	0.6576514643	Yes	Yes	Yes	No	No	No	0
## 145	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 146	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 147	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 148	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 149	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 150	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 151	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 152	0.0653881752	No	No	No	Yes	Yes	No	0
## 153	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 154	0.1719816506	No	Yes	No	Yes	No	No	0
## 155	0.7722728058	Yes	No	Yes	Yes	No	Yes	0
## 156	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 157	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 158	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 159	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 160	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 161	0.0028316814	No	No	Yes	Yes	Yes	No	0

## 162	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 163	0.0848066290	No	Yes	No	No	No	No	0
## 164	0.0008446069	No	Yes	Yes	No	Yes	No	0
## 165	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 166	0.0037470933	No	Yes	Yes	No	No	No	0
## 167	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 168	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 169	0.0008446069	No	Yes	Yes	No	Yes	No	0
## 170	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 171	0.0848066290	No	Yes	No	No	No	No	0
## 172	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 173	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 174	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 175	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 176	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 177	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 178	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 179	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 180	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 181	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 182	0.0848066290	No	Yes	No	No	No	No	0
## 183	0.1719816506	No	Yes	No	Yes	No	No	0
## 184	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 185	0.8115265432	Yes	Yes	Yes	Yes	No	No	0
## 186	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 187	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 188	0.1719816506	No	Yes	No	Yes	No	No	0
## 189	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 190	0.6576514643	Yes	Yes	Yes	No	No	No	0
## 191	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 192	0.0065959803	No	No	Yes	Yes	No	Yes	0
## 193	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 194	0.7722728058	Yes	No	Yes	Yes	No	Yes	0
## 195	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 196	0.0848066290	No	Yes	No	No	No	No	0
## 197	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 198	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 199	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 200	0.7722728058	Yes	No	Yes	Yes	No	Yes	0
## 201	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 202	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 203	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 204	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 205	0.0037470933	No	Yes	Yes	No	No	No	0
## 206	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 207	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 208	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 209	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 210	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 211	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 212	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 213	0.6935052691	Yes	Yes	Yes	Yes	No	Yes	0
## 214	0.0848066290	No	Yes	No	No	No	No	0
## 215	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0

## 216	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 217	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 218	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 219	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 220	0.1719816506	No	Yes	No	Yes	No	No	0
## 221	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 222	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 223	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 224	0.6935052691	Yes	Yes	Yes	Yes	No	Yes	0
## 225	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 226	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 227	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 228	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 229	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 230	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 231	0.0848066290	No	Yes	No	No	No	No	0
## 232	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 233	0.0037470933	No	Yes	Yes	No	No	No	0
## 234	0.1719816506	No	Yes	No	Yes	No	No	0
## 235	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 236	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 237	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 238	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 239	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 240	0.8115265432	Yes	Yes	Yes	Yes	No	No	0
## 241	0.6576514643	Yes	Yes	Yes	No	No	No	0
## 242	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 243	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 244	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 245	0.6935052691	Yes	Yes	Yes	Yes	No	Yes	0
## 246	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 247	0.0065959803	No	No	Yes	Yes	No	Yes	0
## 248	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 249	0.0037470933	No	Yes	Yes	No	No	No	0
## 250	0.0653881752	No	No	No	Yes	Yes	No	0
## 251	0.3015500030	Yes	Yes	Yes	No	Yes	No	0
## 252	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 253	0.1719816506	No	Yes	No	Yes	No	No	0
## 254	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 255	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 256	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 257	0.1719816506	No	Yes	No	Yes	No	No	0
## 258	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 259	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 260	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 261	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 262	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 263	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 264	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 265	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 266	0.1719816506	No	Yes	No	Yes	No	No	0
## 267	0.0653881752	No	No	No	Yes	Yes	No	0
## 268	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 269	0.5918980995	Yes	No	Yes	Yes	Yes	No	0

## 270	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 271	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 272	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 273	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 274	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 275	0.8115265432	Yes	Yes	Yes	Yes	No	No	0
## 276	0.8115265432	Yes	Yes	Yes	Yes	No	No	0
## 277	0.3015500030	Yes	Yes	Yes	No	Yes	No	0
## 278	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 279	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 280	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 281	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 282	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 283	0.1719816506	No	Yes	No	Yes	No	No	0
## 284	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 285	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 286	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 287	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 288	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 289	0.0037470933	No	Yes	Yes	No	No	No	0
## 290	0.0848066290	No	Yes	No	No	No	No	0
## 291	0.0848066290	No	Yes	No	No	No	No	0
## 292	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 293	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 294	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 295	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 296	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 297	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 298	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 299	0.7722728058	Yes	No	Yes	Yes	No	Yes	0
## 300	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 301	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 302	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 303	0.0065959803	No	No	Yes	Yes	No	Yes	0
## 304	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 305	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 306	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 307	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 308	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 309	0.3015500030	Yes	Yes	Yes	No	Yes	No	0
## 310	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 311	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 312	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 313	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 314	0.6935052691	Yes	Yes	Yes	Yes	No	Yes	0
## 315	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 316	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 317	0.7722728058	Yes	No	Yes	Yes	No	Yes	0
## 318	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 319	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 320	0.0065959803	No	No	Yes	Yes	No	Yes	0
## 321	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 322	0.6935052691	Yes	Yes	Yes	Yes	No	Yes	0
## 323	0.5918980995	Yes	No	Yes	Yes	Yes	No	0



## 324	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 325	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 326	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 327	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 328	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 329	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 330	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 331	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 332	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 333	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 334	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 335	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 336	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 337	0.3015500030	Yes	Yes	Yes	No	Yes	No	0
## 338	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 339	0.1719816506	No	Yes	No	Yes	No	No	0
## 340	0.0008446069	No	Yes	Yes	No	Yes	No	0
## 341	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 342	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 343	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 344	0.6935052691	Yes	Yes	Yes	Yes	No	Yes	0
## 345	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 346	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 347	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 348	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 349	0.0653881752	No	No	No	Yes	Yes	No	0
## 350	0.0848066290	No	Yes	No	No	No	No	0
## 351	0.0653881752	No	No	No	Yes	Yes	No	0
## 352	0.8115265432	Yes	Yes	Yes	Yes	No	No	0
## 353	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 354	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 355	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 356	0.1719816506	No	Yes	No	Yes	No	No	0
## 357	0.6576514643	Yes	Yes	Yes	No	No	No	0
## 358	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 359	0.6576514643	Yes	Yes	Yes	No	No	No	0
## 360	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 361	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 362	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 363	0.0653881752	No	No	No	Yes	Yes	No	0
## 364	0.8115265432	Yes	Yes	Yes	Yes	No	No	0
## 365	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 366	0.1719816506	No	Yes	No	Yes	No	No	0
## 367	0.8115265432	Yes	Yes	Yes	Yes	No	No	0
## 368	0.6935052691	Yes	Yes	Yes	Yes	No	Yes	0
## 369	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 370	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 371	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 372	0.0008446069	No	Yes	Yes	No	Yes	No	0
## 373	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 374	0.0848066290	No	Yes	No	No	No	No	0
## 375	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 376	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 377	0.0848066290	No	Yes	No	No	No	No	0

## 378	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 379	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 380	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 381	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 382	0.0653881752	No	No	No	Yes	Yes	No	0
## 383	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 384	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 385	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 386	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 387	0.0037470933	No	Yes	Yes	No	No	No	0
## 388	0.0653881752	No	No	No	Yes	Yes	No	0
## 389	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 390	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 391	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 392	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 393	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 394	0.1719816506	No	Yes	No	Yes	No	No	0
## 395	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 396	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 397	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 398	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 399	0.1719816506	No	Yes	No	Yes	No	No	0
## 400	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 401	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 402	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 403	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 404	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 405	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 406	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 407	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 408	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 409	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 410	0.0037470933	No	Yes	Yes	No	No	No	0
## 411	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 412	0.0653881752	No	No	No	Yes	Yes	No	0
## 413	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 414	0.0008446069	No	Yes	Yes	No	Yes	No	0
## 415	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 416	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 417	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 418	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 419	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 420	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 421	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 422	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 423	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 424	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 425	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 426	0.7722728058	Yes	No	Yes	Yes	No	Yes	0
## 427	0.6576514643	Yes	Yes	Yes	No	No	No	0
## 428	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 429	0.0653881752	No	No	No	Yes	Yes	No	0
## 430	0.1719816506	No	Yes	No	Yes	No	No	0
## 431	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0

## 432	0.0008446069	No	Yes	Yes	No	Yes	No	0
## 433	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 434	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 435	0.0065959803	No	No	Yes	Yes	No	Yes	0
## 436	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 437	0.6935052691	Yes	Yes	Yes	Yes	No	Yes	0
## 438	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 439	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 440	0.6576514643	Yes	Yes	Yes	No	No	No	0
## 441	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 442	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 443	0.6576514643	Yes	Yes	Yes	No	No	No	0
## 444	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 445	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 446	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 447	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 448	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 449	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 450	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 451	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 452	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 453	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 454	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 455	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 456	0.0653881752	No	No	No	Yes	Yes	No	0
## 457	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 458	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 459	0.6576514643	Yes	Yes	Yes	No	No	No	0
## 460	0.6576514643	Yes	Yes	Yes	No	No	No	0
## 461	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 462	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 463	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 464	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 465	0.1719816506	No	Yes	No	Yes	No	No	0
## 466	0.3015500030	Yes	Yes	Yes	No	Yes	No	0
## 467	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 468	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 469	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 470	0.8115265432	Yes	Yes	Yes	Yes	No	No	0
## 471	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 472	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 473	0.6935052691	Yes	Yes	Yes	Yes	No	Yes	0
## 474	0.0848066290	No	Yes	No	No	No	No	0
## 475	0.0065959803	No	No	Yes	Yes	No	Yes	0
## 476	0.0848066290	No	Yes	No	No	No	No	0
## 477	0.0848066290	No	Yes	No	No	No	No	0
## 478	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 479	0.7722728058	Yes	No	Yes	Yes	No	Yes	0
## 480	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 481	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 482	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 483	0.0065959803	No	No	Yes	Yes	No	Yes	0
## 484	0.0848066290	No	Yes	No	No	No	No	0
## 485	0.7722728058	Yes	No	Yes	Yes	No	Yes	0

## 486	0.3015500030	Yes	Yes	Yes	No	Yes	No	0
## 487	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 488	0.0848066290	No	Yes	No	No	No	No	0
## 489	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 490	0.8115265432	Yes	Yes	Yes	Yes	No	No	0
## 491	0.6935052691	Yes	Yes	Yes	Yes	No	Yes	0
## 492	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 493	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 494	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 495	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 496	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 497	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 498	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 499	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 500	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 501	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 502	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 503	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 504	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 505	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 506	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 507	0.0653881752	No	No	No	Yes	Yes	No	0
## 508	0.0653881752	No	No	No	Yes	Yes	No	0
## 509	0.6935052691	Yes	Yes	Yes	Yes	No	Yes	0
## 510	0.1719816506	No	Yes	No	Yes	No	No	0
## 511	0.0848066290	No	Yes	No	No	No	No	0
## 512	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 513	0.6935052691	Yes	Yes	Yes	Yes	No	Yes	0
## 514	0.1719816506	No	Yes	No	Yes	No	No	0
## 515	0.1719816506	No	Yes	No	Yes	No	No	0
## 516	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 517	0.0037470933	No	Yes	Yes	No	No	No	0
## 518	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 519	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 520	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 521	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 522	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 523	0.6576514643	Yes	Yes	Yes	No	No	No	0
## 524	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 525	0.0848066290	No	Yes	No	No	No	No	0
## 526	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 527	0.8115265432	Yes	Yes	Yes	Yes	No	No	0
## 528	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 529	0.0848066290	No	Yes	No	No	No	No	0
## 530	0.6576514643	Yes	Yes	Yes	No	No	No	0
## 531	0.6576514643	Yes	Yes	Yes	No	No	No	0
## 532	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 533	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 534	0.0037470933	No	Yes	Yes	No	No	No	0
## 535	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 536	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 537	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 538	0.1719816506	No	Yes	No	Yes	No	No	0
## 539	0.0018911446	No	Yes	Yes	Yes	Yes	No	0

## 540	0.7722728058	Yes	No	Yes	Yes	No	Yes	0
## 541	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 542	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 543	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 544	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 545	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 546	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 547	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 548	0.1719816506	No	Yes	No	Yes	No	No	0
## 549	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 550	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 551	0.0848066290	No	Yes	No	No	No	No	0
## 552	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 553	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 554	0.0065959803	No	No	Yes	Yes	No	Yes	0
## 555	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 556	0.6576514643	Yes	Yes	Yes	No	No	No	0
## 557	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 558	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 559	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 560	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 561	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 562	0.7722728058	Yes	No	Yes	Yes	No	Yes	0
## 563	0.7722728058	Yes	No	Yes	Yes	No	Yes	0
## 564	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 565	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 566	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 567	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 568	0.0653881752	No	No	No	Yes	Yes	No	0
## 569	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 570	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 571	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 572	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 573	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 574	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 575	0.3015500030	Yes	Yes	Yes	No	Yes	No	0
## 576	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 577	0.1719816506	No	Yes	No	Yes	No	No	0
## 578	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 579	0.0008446069	No	Yes	Yes	No	Yes	No	0
## 580	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 581	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 582	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 583	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 584	0.3015500030	Yes	Yes	Yes	No	Yes	No	0
## 585	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 586	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 587	0.1719816506	No	Yes	No	Yes	No	No	0
## 588	0.0848066290	No	Yes	No	No	No	No	0
## 589	0.1719816506	No	Yes	No	Yes	No	No	0
## 590	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 591	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 592	0.0653881752	No	No	No	Yes	Yes	No	0
## 593	0.0018911446	No	Yes	Yes	Yes	Yes	No	0

## 594	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 595	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 596	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 597	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 598	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 599	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 600	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 601	0.0653881752	No	No	No	Yes	Yes	No	0
## 602	0.0008446069	No	Yes	Yes	No	Yes	No	0
## 603	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 604	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 605	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 606	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 607	0.0653881752	No	No	No	Yes	Yes	No	0
## 608	0.3015500030	Yes	Yes	Yes	No	Yes	No	0
## 609	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 610	0.1719816506	No	Yes	No	Yes	No	No	0
## 611	0.0653881752	No	No	No	Yes	Yes	No	0
## 612	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 613	0.0653881752	No	No	No	Yes	Yes	No	0
## 614	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 615	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 616	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 617	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 618	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 619	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 620	0.0848066290	No	Yes	No	No	No	No	0
## 621	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 622	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 623	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 624	0.8115265432	Yes	Yes	Yes	Yes	No	No	0
## 625	0.0848066290	No	Yes	No	No	No	No	0
## 626	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 627	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 628	0.0848066290	No	Yes	No	No	No	No	0
## 629	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 630	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 631	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 632	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 633	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 634	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 635	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 636	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 637	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 638	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 639	0.0653881752	No	No	No	Yes	Yes	No	0
## 640	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 641	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 642	0.3015500030	Yes	Yes	Yes	No	Yes	No	0
## 643	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 644	0.3015500030	Yes	Yes	Yes	No	Yes	No	0
## 645	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 646	0.0065959803	No	No	Yes	Yes	No	Yes	0
## 647	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0

## 648	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 649	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 650	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 651	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 652	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 653	0.3015500030	Yes	Yes	Yes	No	Yes	No	0
## 654	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 655	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 656	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 657	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 658	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 659	0.0037470933	No	Yes	Yes	No	No	No	0
## 660	0.0848066290	No	Yes	No	No	No	No	0
## 661	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 662	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 663	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 664	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 665	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 666	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 667	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 668	0.0008446069	No	Yes	Yes	No	Yes	No	0
## 669	0.0037470933	No	Yes	Yes	No	No	No	0
## 670	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 671	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 672	0.1719816506	No	Yes	No	Yes	No	No	0
## 673	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 674	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 675	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 676	0.0848066290	No	Yes	No	No	No	No	0
## 677	0.1719816506	No	Yes	No	Yes	No	No	0
## 678	0.0008446069	No	Yes	Yes	No	Yes	No	0
## 679	0.0037470933	No	Yes	Yes	No	No	No	0
## 680	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 681	0.0065959803	No	No	Yes	Yes	No	Yes	0
## 682	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 683	0.6935052691	Yes	Yes	Yes	Yes	No	Yes	0
## 684	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 685	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 686	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 687	0.1719816506	No	Yes	No	Yes	No	No	0
## 688	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 689	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 690	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 691	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 692	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 693	0.8115265432	Yes	Yes	Yes	Yes	No	No	0
## 694	0.0653881752	No	No	No	Yes	Yes	No	0
## 695	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 696	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 697	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 698	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 699	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 700	0.0653881752	No	No	No	Yes	Yes	No	0
## 701	0.5918980995	Yes	No	Yes	Yes	Yes	No	1

## 702	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 703	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 704	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 705	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 706	0.0037470933	No	Yes	Yes	No	No	No	0
## 707	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 708	0.0848066290	No	Yes	No	No	No	No	0
## 709	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 710	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 711	0.8115265432	Yes	Yes	Yes	Yes	No	No	0
## 712	0.0653881752	No	No	No	Yes	Yes	No	0
## 713	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 714	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 715	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 716	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 717	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 718	0.8115265432	Yes	Yes	Yes	Yes	No	No	0
## 719	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 720	0.1719816506	No	Yes	No	Yes	No	No	0
## 721	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 722	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 723	0.0065959803	No	No	Yes	Yes	No	Yes	0
## 724	0.0653881752	No	No	No	Yes	Yes	No	0
## 725	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 726	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 727	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 728	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 729	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 730	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 731	0.0008446069	No	Yes	Yes	No	Yes	No	0
## 732	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 733	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 734	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 735	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 736	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 737	0.6935052691	Yes	Yes	Yes	Yes	No	Yes	0
## 738	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 739	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 740	0.1719816506	No	Yes	No	Yes	No	No	0
## 741	0.1719816506	No	Yes	No	Yes	No	No	0
## 742	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 743	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 744	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 745	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 746	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 747	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 748	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 749	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 750	0.7722728058	Yes	No	Yes	Yes	No	Yes	0
## 751	0.8115265432	Yes	Yes	Yes	Yes	No	No	0
## 752	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 753	0.7722728058	Yes	No	Yes	Yes	No	Yes	0
## 754	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 755	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0



## 756	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 757	0.0008446069	No	Yes	Yes	No	Yes	No	0
## 758	0.0653881752	No	No	No	Yes	Yes	No	0
## 759	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 760	0.6576514643	Yes	Yes	Yes	No	No	No	0
## 761	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 762	0.0008446069	No	Yes	Yes	No	Yes	No	0
## 763	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 764	0.1719816506	No	Yes	No	Yes	No	No	0
## 765	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 766	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 767	0.0065959803	No	No	Yes	Yes	No	Yes	0
## 768	0.0848066290	No	Yes	No	No	No	No	0
## 769	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 770	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 771	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 772	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 773	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 774	0.7722728058	Yes	No	Yes	Yes	No	Yes	0
## 775	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 776	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 777	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 778	0.3015500030	Yes	Yes	Yes	No	Yes	No	0
## 779	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 780	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 781	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 782	0.0848066290	No	Yes	No	No	No	No	0
## 783	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 784	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 785	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 786	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 787	0.1719816506	No	Yes	No	Yes	No	No	0
## 788	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 789	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 790	0.0037470933	No	Yes	Yes	No	No	No	0
## 791	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 792	0.0037470933	No	Yes	Yes	No	No	No	0
## 793	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 794	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 795	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 796	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 797	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 798	0.0653881752	No	No	No	Yes	Yes	No	0
## 799	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 800	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 801	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 802	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 803	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 804	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 805	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 806	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 807	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 808	0.3015500030	Yes	Yes	Yes	No	Yes	No	0
## 809	0.0028316814	No	No	Yes	Yes	Yes	No	0

## 810	0.0065959803	No	No	Yes	Yes	No	Yes	0
## 811	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 812	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 813	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 814	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 815	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 816	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 817	0.3015500030	Yes	Yes	Yes	No	Yes	No	0
## 818	0.3015500030	Yes	Yes	Yes	No	Yes	No	0
## 819	0.7722728058	Yes	No	Yes	Yes	No	Yes	0
## 820	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 821	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 822	0.1719816506	No	Yes	No	Yes	No	No	0
## 823	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 824	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 825	0.8115265432	Yes	Yes	Yes	Yes	No	No	0
## 826	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 827	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 828	0.6935052691	Yes	Yes	Yes	Yes	No	Yes	0
## 829	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 830	0.0065959803	No	No	Yes	Yes	No	Yes	0
## 831	0.1719816506	No	Yes	No	Yes	No	No	0
## 832	0.6935052691	Yes	Yes	Yes	Yes	No	Yes	0
## 833	0.0008446069	No	Yes	Yes	No	Yes	No	0
## 834	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 835	0.0037470933	No	Yes	Yes	No	No	No	0
## 836	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 837	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 838	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 839	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 840	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 841	0.7722728058	Yes	No	Yes	Yes	No	Yes	0
## 842	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 843	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 844	0.0848066290	No	Yes	No	No	No	No	0
## 845	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 846	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 847	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 848	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 849	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 850	0.0065959803	No	No	Yes	Yes	No	Yes	0
## 851	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 852	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 853	0.0848066290	No	Yes	No	No	No	No	0
## 854	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 855	0.1719816506	No	Yes	No	Yes	No	No	0
## 856	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 857	0.0065959803	No	No	Yes	Yes	No	Yes	0
## 858	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 859	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 860	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 861	0.0037470933	No	Yes	Yes	No	No	No	0
## 862	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 863	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0

## 864	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 865	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 866	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 867	0.1719816506	No	Yes	No	Yes	No	No	0
## 868	0.0037470933	No	Yes	Yes	No	No	No	0
## 869	0.0848066290	No	Yes	No	No	No	No	0
## 870	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 871	0.6576514643	Yes	Yes	Yes	No	No	No	0
## 872	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 873	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 874	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 875	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 876	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 877	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 878	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 879	0.0008446069	No	Yes	Yes	No	Yes	No	0
## 880	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 881	0.6935052691	Yes	Yes	Yes	Yes	No	Yes	0
## 882	0.0653881752	No	No	No	Yes	Yes	No	0
## 883	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 884	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 885	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 886	0.7722728058	Yes	No	Yes	Yes	No	Yes	0
## 887	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 888	0.3015500030	Yes	Yes	Yes	No	Yes	No	0
## 889	0.6576514643	Yes	Yes	Yes	No	No	No	0
## 890	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 891	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 892	0.0008446069	No	Yes	Yes	No	Yes	No	0
## 893	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 894	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 895	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 896	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 897	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 898	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 899	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 900	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 901	0.0037470933	No	Yes	Yes	No	No	No	0
## 902	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 903	0.0653881752	No	No	No	Yes	Yes	No	0
## 904	0.0653881752	No	No	No	Yes	Yes	No	0
## 905	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 906	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 907	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 908	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 909	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 910	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 911	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 912	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 913	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 914	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 915	0.0653881752	No	No	No	Yes	Yes	No	0
## 916	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 917	0.0028316814	No	No	Yes	Yes	Yes	No	0

## 918	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 919	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 920	0.0653881752	No	No	No	Yes	Yes	No	0
## 921	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 922	0.0653881752	No	No	No	Yes	Yes	No	0
## 923	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 924	0.0065959803	No	No	Yes	Yes	No	Yes	0
## 925	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 926	0.0653881752	No	No	No	Yes	Yes	No	0
## 927	0.0653881752	No	No	No	Yes	Yes	No	0
## 928	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 929	0.0848066290	No	Yes	No	No	No	No	0
## 930	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 931	0.0653881752	No	No	No	Yes	Yes	No	0
## 932	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 933	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 934	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 935	0.0848066290	No	Yes	No	No	No	No	0
## 936	0.0653881752	No	No	No	Yes	Yes	No	0
## 937	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 938	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 939	0.0653881752	No	No	No	Yes	Yes	No	0
## 940	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 941	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 942	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 943	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 944	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 945	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 946	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 947	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 948	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 949	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 950	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 951	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 952	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 953	0.0653881752	No	No	No	Yes	Yes	No	0
## 954	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 955	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 956	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 957	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 958	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 959	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 960	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 961	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 962	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 963	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 964	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 965	0.0653881752	No	No	No	Yes	Yes	No	0
## 966	0.0653881752	No	No	No	Yes	Yes	No	0
## 967	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 968	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 969	0.0653881752	No	No	No	Yes	Yes	No	0
## 970	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 971	0.0445989433	No	Yes	No	Yes	Yes	No	0

## 972	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 973	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 974	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 975	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 976	0.0653881752	No	No	No	Yes	Yes	No	0
## 977	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 978	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 979	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 980	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 981	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 982	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 983	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 984	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 985	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 986	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 987	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 988	0.0653881752	No	No	No	Yes	Yes	No	0
## 989	0.0653881752	No	No	No	Yes	Yes	No	0
## 990	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 991	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 992	0.0653881752	No	No	No	Yes	Yes	No	0
## 993	0.0653881752	No	No	No	Yes	Yes	No	0
## 994	0.1719816506	No	Yes	No	Yes	No	No	0
## 995	0.0653881752	No	No	No	Yes	Yes	No	0
## 996	0.0653881752	No	No	No	Yes	Yes	No	0
## 997	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 998	0.7722728058	Yes	No	Yes	Yes	No	Yes	0
## 999	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 1000	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 1001	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1002	0.0008446069	No	Yes	Yes	No	Yes	No	0
## 1003	0.0653881752	No	No	No	Yes	Yes	No	0
## 1004	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 1005	0.0008446069	No	Yes	Yes	No	Yes	No	0
## 1006	0.0653881752	No	No	No	Yes	Yes	No	0
## 1007	0.0653881752	No	No	No	Yes	Yes	No	0
## 1008	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1009	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1010	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 1011	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 1012	0.0653881752	No	No	No	Yes	Yes	No	0
## 1013	0.8115265432	Yes	Yes	Yes	Yes	No	No	0
## 1014	0.0653881752	No	No	No	Yes	Yes	No	0
## 1015	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1016	0.6935052691	Yes	Yes	Yes	Yes	No	Yes	0
## 1017	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 1018	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1019	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 1020	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1021	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1022	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 1023	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 1024	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 1025	0.8115265432	Yes	Yes	Yes	Yes	No	No	1

## 1026	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1027	0.1719816506	No	Yes	No	Yes	No	No	0
## 1028	0.0065959803	No	No	Yes	Yes	No	Yes	0
## 1029	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 1030	0.0653881752	No	No	No	Yes	Yes	No	0
## 1031	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1032	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1033	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1034	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1035	0.0653881752	No	No	No	Yes	Yes	No	0
## 1036	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1037	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 1038	0.6935052691	Yes	Yes	Yes	Yes	No	Yes	0
## 1039	0.0848066290	No	Yes	No	No	No	No	0
## 1040	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 1041	0.6576514643	Yes	Yes	Yes	No	No	No	0
## 1042	0.8115265432	Yes	Yes	Yes	Yes	No	No	0
## 1043	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1044	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1045	0.0653881752	No	No	No	Yes	Yes	No	0
## 1046	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 1047	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1048	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 1049	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1050	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1051	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1052	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1053	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1054	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 1055	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1056	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 1057	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1058	0.0653881752	No	No	No	Yes	Yes	No	0
## 1059	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 1060	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1061	0.0653881752	No	No	No	Yes	Yes	No	0
## 1062	0.0065959803	No	No	Yes	Yes	No	Yes	0
## 1063	0.0653881752	No	No	No	Yes	Yes	No	0
## 1064	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1065	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 1066	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1067	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 1068	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1069	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1070	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 1071	0.0653881752	No	No	No	Yes	Yes	No	0
## 1072	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1073	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 1074	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1075	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 1076	0.0653881752	No	No	No	Yes	Yes	No	0
## 1077	0.0848066290	No	Yes	No	No	No	No	0
## 1078	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1079	0.0445989433	No	Yes	No	Yes	Yes	No	0

## 1080	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 1081	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1082	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 1083	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 1084	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1085	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 1086	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1087	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 1088	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 1089	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1090	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 1091	0.0848066290	No	Yes	No	No	No	No	0
## 1092	0.3015500030	Yes	Yes	Yes	No	Yes	No	0
## 1093	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1094	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1095	0.0653881752	No	No	No	Yes	Yes	No	0
## 1096	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 1097	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1098	0.0653881752	No	No	No	Yes	Yes	No	0
## 1099	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1100	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1101	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1102	0.0653881752	No	No	No	Yes	Yes	No	0
## 1103	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1104	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1105	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1106	0.0653881752	No	No	No	Yes	Yes	No	0
## 1107	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 1108	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1109	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 1110	0.0653881752	No	No	No	Yes	Yes	No	0
## 1111	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1112	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 1113	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 1114	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1115	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 1116	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1117	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1118	0.0653881752	No	No	No	Yes	Yes	No	0
## 1119	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1120	0.0653881752	No	No	No	Yes	Yes	No	0
## 1121	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1122	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1123	0.0653881752	No	No	No	Yes	Yes	No	0
## 1124	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1125	0.7722728058	Yes	No	Yes	Yes	No	Yes	0
## 1126	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1127	0.0653881752	No	No	No	Yes	Yes	No	0
## 1128	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 1129	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1130	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1131	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 1132	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1133	0.5918980995	Yes	No	Yes	Yes	Yes	No	1

## 1134	0.0653881752	No	No	No	Yes	Yes	No	0
## 1135	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 1136	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1137	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1138	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 1139	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1140	0.0653881752	No	No	No	Yes	Yes	No	0
## 1141	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1142	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1143	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1144	0.0653881752	No	No	No	Yes	Yes	No	0
## 1145	0.0653881752	No	No	No	Yes	Yes	No	0
## 1146	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1147	0.0653881752	No	No	No	Yes	Yes	No	0
## 1148	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1149	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1150	0.0653881752	No	No	No	Yes	Yes	No	0
## 1151	0.0653881752	No	No	No	Yes	Yes	No	0
## 1152	0.6576514643	Yes	Yes	Yes	No	No	No	0
## 1153	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1154	0.0653881752	No	No	No	Yes	Yes	No	0
## 1155	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1156	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 1157	0.0653881752	No	No	No	Yes	Yes	No	0
## 1158	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1159	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1160	0.0653881752	No	No	No	Yes	Yes	No	0
## 1161	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 1162	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1163	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1164	0.8115265432	Yes	Yes	Yes	Yes	No	No	0
## 1165	0.0653881752	No	No	No	Yes	Yes	No	0
## 1166	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 1167	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 1168	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1169	0.0653881752	No	No	No	Yes	Yes	No	0
## 1170	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 1171	0.0653881752	No	No	No	Yes	Yes	No	0
## 1172	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1173	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1174	0.1719816506	No	Yes	No	Yes	No	No	0
## 1175	0.1719816506	No	Yes	No	Yes	No	No	0
## 1176	0.0848066290	No	Yes	No	No	No	No	0
## 1177	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 1178	0.1719816506	No	Yes	No	Yes	No	No	0
## 1179	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1180	0.8115265432	Yes	Yes	Yes	Yes	No	No	0
## 1181	0.0037470933	No	Yes	Yes	No	No	No	0
## 1182	0.0008446069	No	Yes	Yes	No	Yes	No	0
## 1183	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1184	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 1185	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 1186	0.0653881752	No	No	No	Yes	Yes	No	0
## 1187	0.0653881752	No	No	No	Yes	Yes	No	0



## 1188	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 1189	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 1190	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1191	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1192	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 1193	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1194	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 1195	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 1196	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 1197	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1198	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 1199	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 1200	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 1201	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 1202	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 1203	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 1204	0.0653881752	No	No	No	Yes	Yes	No	0
## 1205	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 1206	0.0653881752	No	No	No	Yes	Yes	No	0
## 1207	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1208	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 1209	0.0653881752	No	No	No	Yes	Yes	No	0
## 1210	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1211	0.0653881752	No	No	No	Yes	Yes	No	0
## 1212	0.0653881752	No	No	No	Yes	Yes	No	0
## 1213	0.3015500030	Yes	Yes	Yes	No	Yes	No	0
## 1214	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1215	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1216	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 1217	0.0653881752	No	No	No	Yes	Yes	No	0
## 1218	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1219	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1220	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1221	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 1222	0.0653881752	No	No	No	Yes	Yes	No	0
## 1223	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1224	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1225	0.0653881752	No	No	No	Yes	Yes	No	0
## 1226	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1227	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1228	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1229	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 1230	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1231	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1232	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1233	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1234	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1235	0.0653881752	No	No	No	Yes	Yes	No	0
## 1236	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1237	0.0653881752	No	No	No	Yes	Yes	No	0
## 1238	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1239	0.0653881752	No	No	No	Yes	Yes	No	0
## 1240	0.0653881752	No	No	No	Yes	Yes	No	0
## 1241	0.8658311818	Yes	No	Yes	Yes	No	No	1

##	1242	0.0653881752	No	No	No	Yes	Yes	No	0
##	1243	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	1244	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	1245	0.0653881752	No	No	No	Yes	Yes	No	0
##	1246	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1247	0.0653881752	No	No	No	Yes	Yes	No	0
##	1248	0.0653881752	No	No	No	Yes	Yes	No	0
##	1249	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1250	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1251	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	1252	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	1253	0.0653881752	No	No	No	Yes	Yes	No	0
##	1254	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
##	1255	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
##	1256	0.0653881752	No	No	No	Yes	Yes	No	0
##	1257	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	1258	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1259	0.0653881752	No	No	No	Yes	Yes	No	0
##	1260	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	1261	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
##	1262	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
##	1263	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	1264	0.0653881752	No	No	No	Yes	Yes	No	0
##	1265	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	1266	0.0653881752	No	No	No	Yes	Yes	No	0
##	1267	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1268	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
##	1269	0.0653881752	No	No	No	Yes	Yes	No	0
##	1270	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	1271	0.0653881752	No	No	No	Yes	Yes	No	0
##	1272	0.0653881752	No	No	No	Yes	Yes	No	0
##	1273	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	1274	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1275	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1276	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	1277	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1278	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1279	0.0653881752	No	No	No	Yes	Yes	No	0
##	1280	0.0653881752	No	No	No	Yes	Yes	No	0
##	1281	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
##	1282	0.0653881752	No	No	No	Yes	Yes	No	0
##	1283	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1284	0.0653881752	No	No	No	Yes	Yes	No	0
##	1285	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1286	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1287	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
##	1288	0.0653881752	No	No	No	Yes	Yes	No	0
##	1289	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	1290	0.0653881752	No	No	No	Yes	Yes	No	0
##	1291	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	1292	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1293	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1294	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	1295	0.5918980995	Yes	No	Yes	Yes	Yes	No	1

## 1296	0.0653881752	No	No	No	Yes	Yes	No	0
## 1297	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1298	0.0653881752	No	No	No	Yes	Yes	No	0
## 1299	0.8115265432	Yes	Yes	Yes	Yes	No	No	0
## 1300	0.0653881752	No	No	No	Yes	Yes	No	0
## 1301	0.0653881752	No	No	No	Yes	Yes	No	0
## 1302	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1303	0.0653881752	No	No	No	Yes	Yes	No	0
## 1304	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1305	0.0653881752	No	No	No	Yes	Yes	No	0
## 1306	0.0653881752	No	No	No	Yes	Yes	No	0
## 1307	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1308	0.0653881752	No	No	No	Yes	Yes	No	0
## 1309	0.0653881752	No	No	No	Yes	Yes	No	0
## 1310	0.0653881752	No	No	No	Yes	Yes	No	0
## 1311	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1312	0.0653881752	No	No	No	Yes	Yes	No	0
## 1313	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 1314	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1315	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 1316	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1317	0.0653881752	No	No	No	Yes	Yes	No	0
## 1318	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1319	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 1320	0.0653881752	No	No	No	Yes	Yes	No	0
## 1321	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1322	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 1323	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1324	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 1325	0.0653881752	No	No	No	Yes	Yes	No	0
## 1326	0.0653881752	No	No	No	Yes	Yes	No	0
## 1327	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 1328	0.0653881752	No	No	No	Yes	Yes	No	0
## 1329	0.0653881752	No	No	No	Yes	Yes	No	0
## 1330	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1331	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1332	0.0653881752	No	No	No	Yes	Yes	No	0
## 1333	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 1334	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1335	0.0653881752	No	No	No	Yes	Yes	No	0
## 1336	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1337	0.0653881752	No	No	No	Yes	Yes	No	0
## 1338	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1339	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 1340	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1341	0.0653881752	No	No	No	Yes	Yes	No	0
## 1342	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1343	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 1344	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1345	0.0653881752	No	No	No	Yes	Yes	No	0
## 1346	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1347	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1348	0.0653881752	No	No	No	Yes	Yes	No	0
## 1349	0.0019726116	No	Yes	Yes	No	No	Yes	0

## 1350	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1351	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1352	0.0653881752	No	No	No	Yes	Yes	No	0
## 1353	0.0653881752	No	No	No	Yes	Yes	No	0
## 1354	0.0653881752	No	No	No	Yes	Yes	No	0
## 1355	0.0653881752	No	No	No	Yes	Yes	No	0
## 1356	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1357	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1358	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1359	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1360	0.0653881752	No	No	No	Yes	Yes	No	0
## 1361	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1362	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 1363	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1364	0.0653881752	No	No	No	Yes	Yes	No	0
## 1365	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1366	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1367	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1368	0.0653881752	No	No	No	Yes	Yes	No	0
## 1369	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1370	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1371	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1372	0.0653881752	No	No	No	Yes	Yes	No	0
## 1373	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1374	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 1375	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1376	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 1377	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1378	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1379	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1380	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1381	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 1382	0.0653881752	No	No	No	Yes	Yes	No	0
## 1383	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 1384	0.0653881752	No	No	No	Yes	Yes	No	0
## 1385	0.0653881752	No	No	No	Yes	Yes	No	0
## 1386	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1387	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1388	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1389	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1390	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1391	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1392	0.0653881752	No	No	No	Yes	Yes	No	0
## 1393	0.0653881752	No	No	No	Yes	Yes	No	0
## 1394	0.0653881752	No	No	No	Yes	Yes	No	0
## 1395	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1396	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1397	0.0653881752	No	No	No	Yes	Yes	No	0
## 1398	0.0653881752	No	No	No	Yes	Yes	No	0
## 1399	0.0653881752	No	No	No	Yes	Yes	No	0
## 1400	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1401	0.0653881752	No	No	No	Yes	Yes	No	0
## 1402	0.3015500030	Yes	Yes	Yes	No	Yes	No	0
## 1403	0.0019726116	No	Yes	Yes	No	No	Yes	0

## 1404	0.0653881752	No	No	No	Yes	Yes	No	0
## 1405	0.0653881752	No	No	No	Yes	Yes	No	0
## 1406	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 1407	0.0653881752	No	No	No	Yes	Yes	No	0
## 1408	0.0653881752	No	No	No	Yes	Yes	No	0
## 1409	0.0653881752	No	No	No	Yes	Yes	No	0
## 1410	0.0653881752	No	No	No	Yes	Yes	No	0
## 1411	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1412	0.0653881752	No	No	No	Yes	Yes	No	0
## 1413	0.0653881752	No	No	No	Yes	Yes	No	0
## 1414	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1415	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1416	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1417	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 1418	0.0653881752	No	No	No	Yes	Yes	No	0
## 1419	0.0653881752	No	No	No	Yes	Yes	No	0
## 1420	0.0653881752	No	No	No	Yes	Yes	No	0
## 1421	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 1422	0.0653881752	No	No	No	Yes	Yes	No	0
## 1423	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1424	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1425	0.0653881752	No	No	No	Yes	Yes	No	0
## 1426	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1427	0.0653881752	No	No	No	Yes	Yes	No	0
## 1428	0.0653881752	No	No	No	Yes	Yes	No	0
## 1429	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 1430	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 1431	0.0653881752	No	No	No	Yes	Yes	No	0
## 1432	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1433	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1434	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 1435	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 1436	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1437	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 1438	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1439	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1440	0.0653881752	No	No	No	Yes	Yes	No	0
## 1441	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1442	0.0653881752	No	No	No	Yes	Yes	No	0
## 1443	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1444	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1445	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 1446	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1447	0.0653881752	No	No	No	Yes	Yes	No	0
## 1448	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1449	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1450	0.0653881752	No	No	No	Yes	Yes	No	0
## 1451	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1452	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 1453	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1454	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1455	0.0653881752	No	No	No	Yes	Yes	No	0
## 1456	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1457	0.0653881752	No	No	No	Yes	Yes	No	0

## 1458	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1459	0.0653881752	No	No	No	Yes	Yes	No	0
## 1460	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 1461	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1462	0.0653881752	No	No	No	Yes	Yes	No	0
## 1463	0.0653881752	No	No	No	Yes	Yes	No	0
## 1464	0.7722728058	Yes	No	Yes	Yes	No	Yes	0
## 1465	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1466	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1467	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1468	0.7722728058	Yes	No	Yes	Yes	No	Yes	0
## 1469	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1470	0.0653881752	No	No	No	Yes	Yes	No	0
## 1471	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1472	0.0653881752	No	No	No	Yes	Yes	No	0
## 1473	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 1474	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1475	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1476	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1477	0.0653881752	No	No	No	Yes	Yes	No	0
## 1478	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1479	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1480	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1481	0.0653881752	No	No	No	Yes	Yes	No	0
## 1482	0.0653881752	No	No	No	Yes	Yes	No	0
## 1483	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1484	0.0653881752	No	No	No	Yes	Yes	No	0
## 1485	0.0008446069	No	Yes	Yes	No	Yes	No	0
## 1486	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 1487	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1488	0.0653881752	No	No	No	Yes	Yes	No	0
## 1489	0.0653881752	No	No	No	Yes	Yes	No	0
## 1490	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1491	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1492	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 1493	0.0653881752	No	No	No	Yes	Yes	No	0
## 1494	0.0653881752	No	No	No	Yes	Yes	No	0
## 1495	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1496	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1497	0.0653881752	No	No	No	Yes	Yes	No	0
## 1498	0.0653881752	No	No	No	Yes	Yes	No	0
## 1499	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1500	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1501	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1502	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 1503	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1504	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1505	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1506	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1507	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 1508	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1509	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1510	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1511	0.0445989433	No	Yes	No	Yes	Yes	No	0

##	1512	0.0653881752	No	No	No	Yes	Yes	No	0
##	1513	0.0653881752	No	No	No	Yes	Yes	No	0
##	1514	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
##	1515	0.6935052691	Yes	Yes	Yes	Yes	No	Yes	0
##	1516	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1517	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1518	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1519	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
##	1520	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1521	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
##	1522	0.0653881752	No	No	No	Yes	Yes	No	0
##	1523	0.0653881752	No	No	No	Yes	Yes	No	0
##	1524	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1525	0.0653881752	No	No	No	Yes	Yes	No	0
##	1526	0.0653881752	No	No	No	Yes	Yes	No	0
##	1527	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	1528	0.0653881752	No	No	No	Yes	Yes	No	0
##	1529	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
##	1530	0.0653881752	No	No	No	Yes	Yes	No	0
##	1531	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
##	1532	0.0653881752	No	No	No	Yes	Yes	No	0
##	1533	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	1534	0.0653881752	No	No	No	Yes	Yes	No	0
##	1535	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1536	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	1537	0.0653881752	No	No	No	Yes	Yes	No	0
##	1538	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	1539	0.0653881752	No	No	No	Yes	Yes	No	0
##	1540	0.0653881752	No	No	No	Yes	Yes	No	0
##	1541	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
##	1542	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1543	0.0653881752	No	No	No	Yes	Yes	No	0
##	1544	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1545	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1546	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	1547	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	1548	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1549	0.3015500030	Yes	Yes	Yes	No	Yes	No	0
##	1550	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1551	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1552	0.0028316814	No	No	Yes	Yes	Yes	No	0
##	1553	0.0653881752	No	No	No	Yes	Yes	No	0
##	1554	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1555	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1556	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	1557	0.0653881752	No	No	No	Yes	Yes	No	0
##	1558	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
##	1559	0.0653881752	No	No	No	Yes	Yes	No	0
##	1560	0.0653881752	No	No	No	Yes	Yes	No	0
##	1561	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1562	0.0653881752	No	No	No	Yes	Yes	No	0
##	1563	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1564	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	1565	0.0018911446	No	Yes	Yes	Yes	Yes	No	0

##	1566	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	1567	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
##	1568	0.0653881752	No	No	No	Yes	Yes	No	0
##	1569	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	1570	0.0653881752	No	No	No	Yes	Yes	No	0
##	1571	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1572	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1573	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1574	0.0653881752	No	No	No	Yes	Yes	No	0
##	1575	0.0028316814	No	No	Yes	Yes	Yes	No	0
##	1576	0.0653881752	No	No	No	Yes	Yes	No	0
##	1577	0.0653881752	No	No	No	Yes	Yes	No	0
##	1578	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
##	1579	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1580	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
##	1581	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1582	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	1583	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1584	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	1585	0.0653881752	No	No	No	Yes	Yes	No	0
##	1586	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	1587	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	1588	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1589	0.8115265432	Yes	Yes	Yes	Yes	No	No	0
##	1590	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1591	0.0653881752	No	No	No	Yes	Yes	No	0
##	1592	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1593	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1594	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1595	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1596	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1597	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	1598	0.0653881752	No	No	No	Yes	Yes	No	0
##	1599	0.0653881752	No	No	No	Yes	Yes	No	0
##	1600	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
##	1601	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	1602	0.0653881752	No	No	No	Yes	Yes	No	0
##	1603	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1604	0.0653881752	No	No	No	Yes	Yes	No	0
##	1605	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1606	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1607	0.0653881752	No	No	No	Yes	Yes	No	0
##	1608	0.0653881752	No	No	No	Yes	Yes	No	0
##	1609	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	1610	0.0653881752	No	No	No	Yes	Yes	No	0
##	1611	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1612	0.0653881752	No	No	No	Yes	Yes	No	0
##	1613	0.0848066290	No	Yes	No	No	No	No	0
##	1614	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	1615	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	1616	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	1617	0.0653881752	No	No	No	Yes	Yes	No	0
##	1618	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1619	0.0653881752	No	No	No	Yes	Yes	No	0



## 1620	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1621	0.0653881752	No	No	No	Yes	Yes	No	0
## 1622	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1623	0.0653881752	No	No	No	Yes	Yes	No	0
## 1624	0.0653881752	No	No	No	Yes	Yes	No	0
## 1625	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1626	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 1627	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1628	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1629	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 1630	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 1631	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 1632	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1633	0.0653881752	No	No	No	Yes	Yes	No	0
## 1634	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1635	0.0653881752	No	No	No	Yes	Yes	No	0
## 1636	0.0653881752	No	No	No	Yes	Yes	No	0
## 1637	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 1638	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 1639	0.0653881752	No	No	No	Yes	Yes	No	0
## 1640	0.0653881752	No	No	No	Yes	Yes	No	0
## 1641	0.0653881752	No	No	No	Yes	Yes	No	0
## 1642	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1643	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1644	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1645	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1646	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1647	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 1648	0.0653881752	No	No	No	Yes	Yes	No	0
## 1649	0.0653881752	No	No	No	Yes	Yes	No	0
## 1650	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1651	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1652	0.0653881752	No	No	No	Yes	Yes	No	0
## 1653	0.0653881752	No	No	No	Yes	Yes	No	0
## 1654	0.0653881752	No	No	No	Yes	Yes	No	0
## 1655	0.0653881752	No	No	No	Yes	Yes	No	0
## 1656	0.0653881752	No	No	No	Yes	Yes	No	0
## 1657	0.0653881752	No	No	No	Yes	Yes	No	0
## 1658	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1659	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1660	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1661	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1662	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1663	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 1664	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 1665	0.0653881752	No	No	No	Yes	Yes	No	0
## 1666	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1667	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1668	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 1669	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1670	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 1671	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 1672	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 1673	0.0037470933	No	Yes	Yes	No	No	No	0

## 1674	0.0653881752	No	No	No	Yes	Yes	No	0
## 1675	0.0653881752	No	No	No	Yes	Yes	No	0
## 1676	0.0653881752	No	No	No	Yes	Yes	No	0
## 1677	0.0653881752	No	No	No	Yes	Yes	No	0
## 1678	0.0653881752	No	No	No	Yes	Yes	No	0
## 1679	0.0653881752	No	No	No	Yes	Yes	No	0
## 1680	0.0653881752	No	No	No	Yes	Yes	No	0
## 1681	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 1682	0.0653881752	No	No	No	Yes	Yes	No	0
## 1683	0.0028316814	No	No	Yes	Yes	Yes	No	0
## 1684	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1685	0.0653881752	No	No	No	Yes	Yes	No	0
## 1686	0.0653881752	No	No	No	Yes	Yes	No	0
## 1687	0.0653881752	No	No	No	Yes	Yes	No	0
## 1688	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1689	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1690	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1691	0.6576514643	Yes	Yes	Yes	No	No	No	0
## 1692	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1693	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1694	0.0653881752	No	No	No	Yes	Yes	No	0
## 1695	0.0653881752	No	No	No	Yes	Yes	No	0
## 1696	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1697	0.0653881752	No	No	No	Yes	Yes	No	0
## 1698	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1699	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1700	0.0653881752	No	No	No	Yes	Yes	No	0
## 1701	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1702	0.0653881752	No	No	No	Yes	Yes	No	0
## 1703	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1704	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1705	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1706	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1707	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1708	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 1709	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1710	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1711	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1712	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1713	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1714	0.0653881752	No	No	No	Yes	Yes	No	0
## 1715	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1716	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1717	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 1718	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 1719	0.0653881752	No	No	No	Yes	Yes	No	0
## 1720	0.0653881752	No	No	No	Yes	Yes	No	0
## 1721	0.0653881752	No	No	No	Yes	Yes	No	0
## 1722	0.0653881752	No	No	No	Yes	Yes	No	0
## 1723	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1724	0.0653881752	No	No	No	Yes	Yes	No	0
## 1725	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 1726	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1727	0.0653881752	No	No	No	Yes	Yes	No	0

## 1728	0.0653881752	No	No	No	Yes	Yes	No	0
## 1729	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 1730	0.0653881752	No	No	No	Yes	Yes	No	0
## 1731	0.0653881752	No	No	No	Yes	Yes	No	0
## 1732	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 1733	0.0653881752	No	No	No	Yes	Yes	No	0
## 1734	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1735	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 1736	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1737	0.0653881752	No	No	No	Yes	Yes	No	0
## 1738	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1739	0.0653881752	No	No	No	Yes	Yes	No	0
## 1740	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 1741	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1742	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1743	0.0653881752	No	No	No	Yes	Yes	No	0
## 1744	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1745	0.0008446069	No	Yes	Yes	No	Yes	No	0
## 1746	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 1747	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1748	0.0848066290	No	Yes	No	No	No	No	0
## 1749	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 1750	0.0653881752	No	No	No	Yes	Yes	No	0
## 1751	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1752	0.6576514643	Yes	Yes	Yes	No	No	No	0
## 1753	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1754	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1755	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1756	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1757	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1758	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1759	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1760	0.0653881752	No	No	No	Yes	Yes	No	0
## 1761	0.0653881752	No	No	No	Yes	Yes	No	0
## 1762	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1763	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1764	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1765	0.0653881752	No	No	No	Yes	Yes	No	0
## 1766	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 1767	0.0653881752	No	No	No	Yes	Yes	No	0
## 1768	0.0653881752	No	No	No	Yes	Yes	No	0
## 1769	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1770	0.3015500030	Yes	Yes	Yes	No	Yes	No	0
## 1771	0.0653881752	No	No	No	Yes	Yes	No	0
## 1772	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1773	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1774	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 1775	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1776	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1777	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1778	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 1779	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 1780	0.0653881752	No	No	No	Yes	Yes	No	0
## 1781	0.1719816506	No	Yes	No	Yes	No	No	0

## 1782	0.0653881752	No	No	No	Yes	Yes	No	0
## 1783	0.0653881752	No	No	No	Yes	Yes	No	0
## 1784	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 1785	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 1786	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1787	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 1788	0.0653881752	No	No	No	Yes	Yes	No	0
## 1789	0.0653881752	No	No	No	Yes	Yes	No	0
## 1790	0.0653881752	No	No	No	Yes	Yes	No	0
## 1791	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 1792	0.0653881752	No	No	No	Yes	Yes	No	0
## 1793	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1794	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1795	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1796	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1797	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1798	0.0653881752	No	No	No	Yes	Yes	No	0
## 1799	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 1800	0.0653881752	No	No	No	Yes	Yes	No	0
## 1801	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1802	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1803	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1804	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1805	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1806	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1807	0.0653881752	No	No	No	Yes	Yes	No	0
## 1808	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1809	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1810	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1811	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 1812	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1813	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 1814	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 1815	0.0653881752	No	No	No	Yes	Yes	No	0
## 1816	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
## 1817	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 1818	0.0653881752	No	No	No	Yes	Yes	No	0
## 1819	0.0653881752	No	No	No	Yes	Yes	No	0
## 1820	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1821	0.0653881752	No	No	No	Yes	Yes	No	0
## 1822	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1823	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 1824	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1825	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
## 1826	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1827	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1828	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1829	0.0653881752	No	No	No	Yes	Yes	No	0
## 1830	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1831	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1832	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1833	0.0653881752	No	No	No	Yes	Yes	No	0
## 1834	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1835	0.0044106701	No	Yes	Yes	Yes	No	Yes	0

## 1836	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1837	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1838	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1839	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1840	0.0653881752	No	No	No	Yes	Yes	No	0
## 1841	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1842	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1843	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1844	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 1845	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1846	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1847	0.0653881752	No	No	No	Yes	Yes	No	0
## 1848	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1849	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1850	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1851	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1852	0.0653881752	No	No	No	Yes	Yes	No	0
## 1853	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1854	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1855	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1856	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1857	0.6935052691	Yes	Yes	Yes	Yes	No	Yes	0
## 1858	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1859	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 1860	0.0653881752	No	No	No	Yes	Yes	No	0
## 1861	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1862	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1863	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1864	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1865	0.0653881752	No	No	No	Yes	Yes	No	0
## 1866	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1867	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1868	0.0653881752	No	No	No	Yes	Yes	No	0
## 1869	0.0653881752	No	No	No	Yes	Yes	No	0
## 1870	0.0653881752	No	No	No	Yes	Yes	No	0
## 1871	0.0653881752	No	No	No	Yes	Yes	No	0
## 1872	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1873	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1874	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1875	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1876	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1877	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1878	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1879	0.0653881752	No	No	No	Yes	Yes	No	0
## 1880	0.0653881752	No	No	No	Yes	Yes	No	0
## 1881	0.0653881752	No	No	No	Yes	Yes	No	0
## 1882	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1883	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1884	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1885	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1886	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1887	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1888	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
## 1889	0.0044106701	No	Yes	Yes	Yes	No	Yes	0

## 1890	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1891	0.0653881752	No	No	No	Yes	Yes	No	0
## 1892	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1893	0.0653881752	No	No	No	Yes	Yes	No	0
## 1894	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1895	0.0653881752	No	No	No	Yes	Yes	No	0
## 1896	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1897	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1898	0.0653881752	No	No	No	Yes	Yes	No	0
## 1899	0.0653881752	No	No	No	Yes	Yes	No	0
## 1900	0.0653881752	No	No	No	Yes	Yes	No	0
## 1901	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1902	0.0653881752	No	No	No	Yes	Yes	No	0
## 1903	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1904	0.0653881752	No	No	No	Yes	Yes	No	0
## 1905	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1906	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1907	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1908	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1909	0.0653881752	No	No	No	Yes	Yes	No	0
## 1910	0.0653881752	No	No	No	Yes	Yes	No	0
## 1911	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1912	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1913	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1914	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1915	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1916	0.0008446069	No	Yes	Yes	No	Yes	No	0
## 1917	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 1918	0.0653881752	No	No	No	Yes	Yes	No	0
## 1919	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1920	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1921	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 1922	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1923	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1924	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1925	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1926	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1927	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1928	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1929	0.0653881752	No	No	No	Yes	Yes	No	0
## 1930	0.0653881752	No	No	No	Yes	Yes	No	0
## 1931	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
## 1932	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
## 1933	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1934	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1935	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1936	0.0653881752	No	No	No	Yes	Yes	No	0
## 1937	0.0065959803	No	No	Yes	Yes	No	Yes	0
## 1938	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 1939	0.0653881752	No	No	No	Yes	Yes	No	0
## 1940	0.0653881752	No	No	No	Yes	Yes	No	0
## 1941	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1942	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 1943	0.0044106701	No	Yes	Yes	Yes	No	Yes	0

##	1944	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1945	0.0653881752	No	No	No	Yes	Yes	No	0
##	1946	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	1947	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1948	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	1949	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	1950	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1951	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	1952	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	1953	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	1954	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	1955	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	1956	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	1957	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1958	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	1959	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	1960	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
##	1961	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	1962	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1963	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	1964	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1965	0.0653881752	No	No	No	Yes	Yes	No	0
##	1966	0.0653881752	No	No	No	Yes	Yes	No	0
##	1967	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	1968	0.0653881752	No	No	No	Yes	Yes	No	0
##	1969	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	1970	0.0653881752	No	No	No	Yes	Yes	No	0
##	1971	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1972	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1973	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	1974	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	1975	0.0653881752	No	No	No	Yes	Yes	No	0
##	1976	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
##	1977	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	1978	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	1979	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1980	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	1981	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1982	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1983	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
##	1984	0.0653881752	No	No	No	Yes	Yes	No	0
##	1985	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	1986	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	1987	0.0653881752	No	No	No	Yes	Yes	No	0
##	1988	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
##	1989	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	1990	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	1991	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
##	1992	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	1993	0.0653881752	No	No	No	Yes	Yes	No	0
##	1994	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	1995	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1996	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	1997	0.0653881752	No	No	No	Yes	Yes	No	0

##	1998	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	1999	0.0653881752	No	No	No	Yes	Yes	No	0
##	2000	0.0653881752	No	No	No	Yes	Yes	No	0
##	2001	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2002	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2003	0.0653881752	No	No	No	Yes	Yes	No	0
##	2004	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2005	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
##	2006	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
##	2007	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	2008	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2009	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2010	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	2011	0.0653881752	No	No	No	Yes	Yes	No	0
##	2012	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2013	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2014	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2015	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2016	0.0653881752	No	No	No	Yes	Yes	No	0
##	2017	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2018	0.7722728058	Yes	No	Yes	Yes	No	Yes	0
##	2019	0.6935052691	Yes	Yes	Yes	Yes	No	Yes	0
##	2020	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2021	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2022	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2023	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2024	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2025	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2026	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2027	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2028	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2029	0.0653881752	No	No	No	Yes	Yes	No	0
##	2030	0.0018911446	No	Yes	Yes	Yes	Yes	No	0
##	2031	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2032	0.0653881752	No	No	No	Yes	Yes	No	0
##	2033	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2034	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2035	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2036	0.0653881752	No	No	No	Yes	Yes	No	0
##	2037	0.0653881752	No	No	No	Yes	Yes	No	0
##	2038	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2039	0.0653881752	No	No	No	Yes	Yes	No	0
##	2040	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2041	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2042	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2043	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2044	0.0653881752	No	No	No	Yes	Yes	No	0
##	2045	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2046	0.8115265432	Yes	Yes	Yes	Yes	No	No	0
##	2047	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2048	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2049	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2050	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2051	0.0445989433	No	Yes	No	Yes	Yes	No	0



##	2052	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	0
##	2053	0.0653881752	No	No	No	Yes	Yes	No	0
##	2054	0.0653881752	No	No	No	Yes	Yes	No	0
##	2055	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2056	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2057	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2058	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2059	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2060	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
##	2061	0.0653881752	No	No	No	Yes	Yes	No	0
##	2062	0.4917973355	Yes	Yes	Yes	Yes	Yes	No	1
##	2063	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2064	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2065	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2066	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2067	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2068	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	2069	0.0653881752	No	No	No	Yes	Yes	No	0
##	2070	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2071	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2072	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2073	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2074	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2075	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	2076	0.0028316814	No	No	Yes	Yes	Yes	No	0
##	2077	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2078	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2079	0.0653881752	No	No	No	Yes	Yes	No	0
##	2080	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2081	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2082	0.0653881752	No	No	No	Yes	Yes	No	0
##	2083	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2084	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2085	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2086	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2087	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2088	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2089	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2090	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
##	2091	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2092	0.0653881752	No	No	No	Yes	Yes	No	0
##	2093	0.5918980995	Yes	No	Yes	Yes	Yes	No	0
##	2094	0.0653881752	No	No	No	Yes	Yes	No	0
##	2095	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2096	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2097	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2098	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2099	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	2100	0.0653881752	No	No	No	Yes	Yes	No	0
##	2101	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2102	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2103	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2104	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2105	0.0019726116	No	Yes	Yes	No	No	Yes	0

##	2106	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2107	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2108	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2109	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2110	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2111	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2112	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2113	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	2114	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2115	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2116	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2117	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2118	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2119	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2120	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2121	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2122	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2123	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2124	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2125	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2126	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2127	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2128	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2129	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	2130	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	2131	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2132	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2133	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2134	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2135	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2136	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2137	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2138	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2139	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2140	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2141	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2142	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2143	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2144	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2145	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2146	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2147	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2148	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	2149	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2150	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	2151	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2152	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2153	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2154	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2155	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2156	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2157	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2158	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2159	0.0019726116	No	Yes	Yes	No	No	Yes	0

##	2160	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2161	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2162	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2163	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2164	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2165	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2166	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2167	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2168	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2169	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2170	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2171	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2172	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2173	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2174	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2175	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2176	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2177	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2178	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2179	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	2180	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2181	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2182	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2183	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2184	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2185	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2186	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2187	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2188	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2189	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2190	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2191	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2192	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2193	0.0653881752	No	No	No	Yes	Yes	No	0
##	2194	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2195	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2196	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2197	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2198	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2199	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2200	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2201	0.0653881752	No	No	No	Yes	Yes	No	0
##	2202	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2203	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2204	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2205	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2206	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2207	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2208	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2209	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2210	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2211	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	2212	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2213	0.0044106701	No	Yes	Yes	Yes	No	Yes	0

##	2214	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2215	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2216	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2217	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2218	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2219	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2220	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2221	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2222	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2223	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2224	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2225	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2226	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2227	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2228	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2229	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2230	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2231	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2232	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2233	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2234	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2235	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2236	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2237	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2238	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2239	0.9793081171	Yes	Yes	No	No	No	No	1
##	2240	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2241	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2242	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	2243	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2244	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2245	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2246	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2247	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2248	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2249	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2250	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2251	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2252	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2253	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2254	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2255	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2256	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2257	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2258	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2259	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2260	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2261	0.0653881752	No	No	No	Yes	Yes	No	0
##	2262	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2263	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2264	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2265	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2266	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2267	0.0653881752	No	No	No	Yes	Yes	No	0

##	2268	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2269	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2270	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2271	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2272	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2273	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2274	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2275	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2276	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2277	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2278	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2279	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2280	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2281	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2282	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2283	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2284	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2285	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2286	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	2287	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2288	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2289	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	2290	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2291	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2292	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2293	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2294	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2295	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2296	0.0653881752	No	No	No	Yes	Yes	No	0
##	2297	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2298	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2299	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2300	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2301	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2302	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2303	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2304	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2305	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2306	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2307	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2308	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2309	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2310	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2311	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2312	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2313	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2314	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2315	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2316	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2317	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2318	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2319	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2320	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2321	0.0019726116	No	Yes	Yes	No	No	Yes	0

##	2322	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2323	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2324	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2325	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2326	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2327	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2328	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2329	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2330	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2331	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2332	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2333	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2334	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2335	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2336	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2337	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2338	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2339	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2340	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2341	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2342	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2343	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2344	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2345	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2346	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2347	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2348	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2349	0.0653881752	No	No	No	Yes	Yes	No	0
##	2350	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2351	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2352	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
##	2353	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2354	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2355	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2356	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2357	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2358	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2359	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2360	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2361	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2362	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2363	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2364	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2365	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2366	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2367	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2368	0.0653881752	No	No	No	Yes	Yes	No	0
##	2369	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2370	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2371	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2372	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2373	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2374	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2375	0.0019726116	No	Yes	Yes	No	No	Yes	0

##	2376	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	2377	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2378	0.0653881752	No	No	No	Yes	Yes	No	0
##	2379	0.0653881752	No	No	No	Yes	Yes	No	0
##	2380	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2381	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2382	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2383	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2384	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2385	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2386	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	2387	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2388	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2389	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	2390	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2391	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2392	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2393	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2394	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2395	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2396	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2397	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2398	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2399	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2400	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2401	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	2402	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2403	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2404	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2405	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2406	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2407	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2408	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2409	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2410	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2411	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2412	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2413	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2414	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2415	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2416	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2417	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2418	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2419	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2420	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2421	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2422	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2423	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2424	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2425	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2426	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2427	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	2428	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2429	0.0019726116	No	Yes	Yes	No	No	Yes	0

##	2430	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2431	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2432	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2433	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2434	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2435	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2436	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2437	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2438	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2439	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2440	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2441	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2442	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2443	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2444	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	2445	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2446	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2447	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2448	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2449	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2450	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2451	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2452	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2453	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2454	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2455	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2456	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2457	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2458	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2459	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2460	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2461	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2462	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2463	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2464	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2465	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2466	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2467	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2468	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2469	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2470	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2471	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2472	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2473	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2474	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2475	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2476	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2477	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2478	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2479	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
##	2480	0.0653881752	No	No	No	Yes	Yes	No	0
##	2481	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2482	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2483	0.9881727171	Yes	No	No	Yes	No	Yes	1



##	2484	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2485	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2486	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2487	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2488	0.0653881752	No	No	No	Yes	Yes	No	0
##	2489	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2490	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2491	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2492	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2493	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2494	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2495	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2496	0.8115265432	Yes	Yes	Yes	Yes	No	No	1
##	2497	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2498	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2499	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2500	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2501	0.0653881752	No	No	No	Yes	Yes	No	0
##	2502	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2503	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2504	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2505	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2506	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2507	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2508	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2509	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2510	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2511	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2512	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2513	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	2514	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2515	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2516	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2517	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2518	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2519	0.0653881752	No	No	No	Yes	Yes	No	0
##	2520	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2521	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2522	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2523	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2524	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2525	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2526	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2527	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2528	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2529	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2530	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2531	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2532	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2533	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2534	0.9793081171	Yes	Yes	No	No	No	No	1
##	2535	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2536	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2537	0.9823778145	Yes	Yes	No	Yes	No	Yes	1

##	2538	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2539	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2540	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	2541	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	2542	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2543	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2544	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2545	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2546	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2547	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2548	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2549	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2550	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2551	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2552	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2553	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2554	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2555	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2556	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2557	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2558	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2559	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2560	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2561	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	2562	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2563	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2564	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2565	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2566	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2567	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	2568	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2569	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2570	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2571	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2572	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	2573	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2574	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2575	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2576	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2577	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2578	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2579	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2580	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2581	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2582	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2583	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2584	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2585	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2586	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2587	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2588	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2589	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2590	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2591	0.0019726116	No	Yes	Yes	No	No	Yes	0

##	2592	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2593	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2594	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2595	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	2596	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2597	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2598	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2599	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2600	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2601	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2602	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2603	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2604	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2605	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2606	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	2607	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2608	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2609	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2610	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2611	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2612	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2613	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2614	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2615	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2616	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2617	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2618	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2619	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2620	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2621	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2622	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2623	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2624	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2625	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2626	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2627	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2628	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	2629	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2630	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2631	0.0653881752	No	No	No	Yes	Yes	No	0
##	2632	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2633	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2634	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2635	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2636	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2637	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2638	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2639	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2640	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2641	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2642	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2643	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2644	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2645	0.0019726116	No	Yes	Yes	No	No	Yes	0

##	2646	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2647	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2648	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2649	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2650	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2651	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2652	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2653	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2654	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2655	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2656	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2657	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2658	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2659	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2660	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2661	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2662	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2663	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2664	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2665	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2666	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2667	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2668	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2669	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2670	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2671	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2672	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2673	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2674	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2675	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2676	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2677	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2678	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2679	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2680	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2681	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2682	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2683	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2684	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	2685	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2686	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2687	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2688	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2689	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2690	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2691	0.0653881752	No	No	No	Yes	Yes	No	0
##	2692	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2693	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2694	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2695	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2696	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2697	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2698	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	2699	0.0044106701	No	Yes	Yes	Yes	No	Yes	0

##	2700	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2701	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2702	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2703	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2704	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2705	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2706	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2707	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2708	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2709	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2710	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2711	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2712	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2713	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2714	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2715	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2716	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2717	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2718	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2719	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2720	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2721	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2722	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2723	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2724	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2725	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2726	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2727	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2728	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2729	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2730	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2731	0.0653881752	No	No	No	Yes	Yes	No	0
##	2732	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2733	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2734	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2735	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2736	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2737	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2738	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2739	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2740	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2741	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2742	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2743	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2744	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2745	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2746	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2747	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2748	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2749	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2750	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	2751	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2752	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2753	0.0019726116	No	Yes	Yes	No	No	Yes	0

## 2754	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2755	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2756	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2757	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2758	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2759	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2760	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2761	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2762	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2763	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2764	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2765	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2766	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2767	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 2768	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2769	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2770	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2771	0.9613467085	Yes	Yes	No	No	No	Yes	1
## 2772	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2773	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2774	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2775	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2776	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2777	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2778	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2779	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2780	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2781	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2782	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2783	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2784	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2785	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2786	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2787	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2788	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2789	0.0653881752	No	No	No	Yes	Yes	No	0
## 2790	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2791	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2792	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2793	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2794	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2795	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2796	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2797	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2798	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 2799	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2800	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2801	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2802	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 2803	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2804	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2805	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2806	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2807	0.0019726116	No	Yes	Yes	No	No	Yes	0

##	2808	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2809	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2810	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2811	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2812	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2813	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2814	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2815	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2816	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2817	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2818	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2819	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2820	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2821	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2822	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2823	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2824	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2825	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2826	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2827	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2828	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2829	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2830	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2831	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2832	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2833	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2834	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2835	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2836	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2837	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2838	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2839	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2840	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2841	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2842	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	2843	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2844	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2845	0.0653881752	No	No	No	Yes	Yes	No	0
##	2846	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2847	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2848	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2849	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2850	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2851	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2852	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2853	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2854	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2855	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2856	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2857	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2858	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2859	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2860	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2861	0.9881727171	Yes	No	No	Yes	No	Yes	1

##	2862	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2863	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2864	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2865	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2866	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2867	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2868	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2869	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2870	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2871	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2872	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2873	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2874	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2875	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2876	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2877	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2878	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2879	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2880	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2881	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2882	0.0653881752	No	No	No	Yes	Yes	No	0
##	2883	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2884	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2885	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2886	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2887	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2888	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	2889	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2890	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2891	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2892	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2893	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	2894	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2895	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2896	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2897	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2898	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2899	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2900	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2901	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2902	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2903	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2904	0.9793081171	Yes	Yes	No	No	No	No	1
##	2905	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2906	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2907	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2908	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2909	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2910	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2911	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2912	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2913	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2914	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2915	0.0019726116	No	Yes	Yes	No	No	Yes	0



##	2916	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2917	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2918	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2919	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2920	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2921	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2922	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2923	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2924	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2925	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2926	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2927	0.9793081171	Yes	Yes	No	No	No	No	1
##	2928	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2929	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2930	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2931	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2932	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2933	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2934	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2935	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2936	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2937	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2938	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	2939	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2940	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2941	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2942	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2943	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2944	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2945	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2946	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2947	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2948	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2949	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2950	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2951	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2952	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2953	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2954	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2955	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2956	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2957	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2958	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2959	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2960	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2961	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2962	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2963	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2964	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2965	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	2966	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2967	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	2968	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	2969	0.0019726116	No	Yes	Yes	No	No	Yes	0

## 2970	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2971	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2972	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2973	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2974	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2975	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2976	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2977	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2978	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2979	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2980	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2981	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2982	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2983	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2984	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2985	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2986	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2987	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2988	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2989	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2990	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2991	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 2992	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2993	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2994	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2995	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2996	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 2997	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2998	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 2999	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3000	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3001	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3002	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 3003	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3004	0.9613467085	Yes	Yes	No	No	No	Yes	1
## 3005	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3006	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3007	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3008	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3009	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3010	0.9793081171	Yes	Yes	No	No	No	No	1
## 3011	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3012	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3013	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3014	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3015	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3016	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3017	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
## 3018	0.9793081171	Yes	Yes	No	No	No	No	1
## 3019	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3020	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3021	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3022	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3023	0.0019726116	No	Yes	Yes	No	No	Yes	0

##	3024	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3025	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3026	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3027	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3028	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3029	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3030	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3031	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3032	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3033	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3034	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3035	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3036	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3037	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3038	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3039	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3040	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3041	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3042	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3043	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3044	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3045	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3046	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3047	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3048	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3049	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3050	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3051	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3052	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3053	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3054	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3055	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3056	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3057	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3058	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3059	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3060	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3061	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3062	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3063	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3064	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3065	0.9793081171	Yes	Yes	No	No	No	No	1
##	3066	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3067	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3068	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3069	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3070	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3071	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3072	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3073	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3074	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3075	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3076	0.9793081171	Yes	Yes	No	No	No	No	1
##	3077	0.0019726116	No	Yes	Yes	No	No	Yes	0

##	3078	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3079	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3080	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3081	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3082	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3083	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3084	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3085	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3086	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3087	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3088	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3089	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3090	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3091	0.9793081171	Yes	Yes	No	No	No	No	1
##	3092	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3093	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3094	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3095	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3096	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3097	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3098	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3099	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3100	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3101	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3102	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3103	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3104	0.9793081171	Yes	Yes	No	No	No	No	1
##	3105	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3106	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3107	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3108	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3109	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3110	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3111	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3112	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3113	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3114	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3115	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3116	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3117	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3118	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3119	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3120	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3121	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3122	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3123	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3124	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3125	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3126	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3127	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3128	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3129	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3130	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3131	0.0044106701	No	Yes	Yes	Yes	No	Yes	0

##	3132	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3133	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3134	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3135	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3136	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3137	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3138	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3139	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3140	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3141	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3142	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3143	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3144	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3145	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3146	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3147	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3148	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3149	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3150	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3151	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3152	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3153	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3154	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3155	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3156	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3157	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3158	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3159	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3160	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3161	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3162	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3163	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3164	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3165	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3166	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3167	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3168	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3169	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3170	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3171	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3172	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3173	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3174	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3175	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3176	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3177	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3178	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3179	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3180	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3181	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3182	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3183	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3184	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3185	0.0019726116	No	Yes	Yes	No	No	Yes	0

##	3186	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3187	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3188	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3189	0.9793081171	Yes	Yes	No	No	No	No	1
##	3190	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3191	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3192	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3193	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3194	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3195	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3196	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3197	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3198	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3199	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3200	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3201	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3202	0.9793081171	Yes	Yes	No	No	No	No	1
##	3203	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3204	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3205	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3206	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3207	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3208	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3209	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3210	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3211	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3212	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3213	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3214	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3215	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3216	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3217	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3218	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3219	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3220	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3221	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3222	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3223	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3224	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3225	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3226	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3227	0.9793081171	Yes	Yes	No	No	No	No	1
##	3228	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3229	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3230	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3231	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3232	0.9793081171	Yes	Yes	No	No	No	No	1
##	3233	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3234	0.9793081171	Yes	Yes	No	No	No	No	1
##	3235	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3236	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3237	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3238	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3239	0.0044106701	No	Yes	Yes	Yes	No	Yes	0

##	3240	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3241	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3242	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3243	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3244	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3245	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3246	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3247	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3248	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3249	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3250	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3251	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3252	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3253	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3254	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3255	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3256	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3257	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3258	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3259	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3260	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3261	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3262	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3263	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3264	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3265	0.9793081171	Yes	Yes	No	No	No	No	1
##	3266	0.9793081171	Yes	Yes	No	No	No	No	1
##	3267	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3268	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3269	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3270	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3271	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3272	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3273	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3274	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3275	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3276	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3277	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3278	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3279	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3280	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3281	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3282	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3283	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3284	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3285	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3286	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3287	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3288	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3289	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3290	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3291	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3292	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3293	0.9823778145	Yes	Yes	No	Yes	No	Yes	1

##	3294	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3295	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3296	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3297	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3298	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3299	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3300	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3301	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3302	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3303	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3304	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3305	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3306	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3307	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3308	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3309	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3310	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3311	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3312	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3313	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3314	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3315	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3316	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3317	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3318	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3319	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3320	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3321	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3322	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3323	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3324	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3325	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3326	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3327	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3328	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3329	0.9793081171	Yes	Yes	No	No	No	No	1
##	3330	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3331	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3332	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3333	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3334	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3335	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3336	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3337	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3338	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3339	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3340	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3341	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3342	0.9793081171	Yes	Yes	No	No	No	No	1
##	3343	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3344	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3345	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3346	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3347	0.9823778145	Yes	Yes	No	Yes	No	Yes	1



##	3348	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3349	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3350	0.9793081171	Yes	Yes	No	No	No	No	1
##	3351	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3352	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3353	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3354	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3355	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3356	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3357	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3358	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3359	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3360	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3361	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3362	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3363	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3364	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3365	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3366	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3367	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3368	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3369	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3370	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3371	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3372	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3373	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3374	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3375	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3376	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3377	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3378	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3379	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3380	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3381	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3382	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3383	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3384	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3385	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3386	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3387	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3388	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3389	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3390	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3391	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3392	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3393	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3394	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3395	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3396	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3397	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3398	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3399	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3400	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3401	0.9881727171	Yes	No	No	Yes	No	Yes	1

##	3402	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3403	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3404	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3405	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3406	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3407	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3408	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3409	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3410	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3411	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3412	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3413	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3414	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3415	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3416	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3417	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3418	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3419	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3420	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3421	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3422	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3423	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3424	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3425	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3426	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3427	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3428	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3429	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3430	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3431	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3432	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3433	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3434	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3435	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3436	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3437	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3438	0.9793081171	Yes	Yes	No	No	No	No	1
##	3439	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3440	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3441	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3442	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3443	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3444	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3445	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3446	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3447	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3448	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3449	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3450	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3451	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3452	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3453	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3454	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3455	0.9823778145	Yes	Yes	No	Yes	No	Yes	1

##	3456	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3457	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3458	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3459	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3460	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3461	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3462	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3463	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3464	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3465	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3466	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3467	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3468	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3469	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3470	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3471	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3472	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3473	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3474	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3475	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3476	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3477	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3478	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3479	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3480	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3481	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3482	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3483	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3484	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3485	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3486	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3487	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3488	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3489	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3490	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3491	0.9793081171	Yes	Yes	No	No	No	No	1
##	3492	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3493	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3494	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3495	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3496	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3497	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3498	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3499	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3500	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3501	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3502	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3503	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3504	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3505	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3506	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3507	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3508	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3509	0.9613467085	Yes	Yes	No	No	No	Yes	1

##	3510	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3511	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3512	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3513	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3514	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3515	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3516	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3517	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3518	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3519	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3520	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3521	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3522	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3523	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3524	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3525	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3526	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3527	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3528	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3529	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3530	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3531	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3532	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3533	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3534	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3535	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3536	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3537	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3538	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3539	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3540	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3541	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3542	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3543	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3544	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3545	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3546	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3547	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3548	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3549	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3550	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3551	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3552	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3553	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3554	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3555	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3556	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3557	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3558	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3559	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3560	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3561	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3562	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3563	0.0044106701	No	Yes	Yes	Yes	No	Yes	0

##	3564	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3565	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3566	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3567	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3568	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3569	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3570	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3571	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3572	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3573	0.9793081171	Yes	Yes	No	No	No	No	1
##	3574	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3575	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3576	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3577	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3578	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3579	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3580	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3581	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3582	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3583	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3584	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3585	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3586	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3587	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3588	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3589	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3590	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3591	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3592	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3593	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3594	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3595	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3596	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3597	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3598	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3599	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3600	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3601	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3602	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3603	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3604	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3605	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3606	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3607	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3608	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3609	0.9793081171	Yes	Yes	No	No	No	No	1
##	3610	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3611	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3612	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3613	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3614	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3615	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3616	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3617	0.9823778145	Yes	Yes	No	Yes	No	Yes	1

##	3618	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3619	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3620	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3621	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3622	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3623	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3624	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3625	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3626	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3627	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3628	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3629	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3630	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3631	0.9793081171	Yes	Yes	No	No	No	No	1
##	3632	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3633	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3634	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3635	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3636	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3637	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3638	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3639	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3640	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3641	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3642	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3643	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3644	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3645	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3646	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3647	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3648	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3649	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3650	0.9793081171	Yes	Yes	No	No	No	No	1
##	3651	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3652	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3653	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3654	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3655	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3656	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3657	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3658	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3659	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3660	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3661	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3662	0.9793081171	Yes	Yes	No	No	No	No	1
##	3663	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3664	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3665	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3666	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3667	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3668	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3669	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3670	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3671	0.9881727171	Yes	No	No	Yes	No	Yes	1

## 3672	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3673	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3674	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3675	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3676	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 3677	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3678	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3679	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3680	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 3681	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3682	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3683	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3684	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 3685	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 3686	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3687	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
## 3688	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3689	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3690	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3691	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3692	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3693	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3694	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3695	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
## 3696	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3697	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3698	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 3699	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3700	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 3701	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3702	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 3703	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3704	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3705	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 3706	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3707	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3708	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3709	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
## 3710	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3711	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3712	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3713	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3714	0.9613467085	Yes	Yes	No	No	No	Yes	1
## 3715	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3716	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3717	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3718	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3719	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3720	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3721	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3722	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3723	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3724	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3725	0.9823778145	Yes	Yes	No	Yes	No	Yes	1

## 3726	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 3727	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 3728	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3729	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3730	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3731	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3732	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3733	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3734	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3735	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 3736	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3737	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3738	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3739	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3740	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3741	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3742	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 3743	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 3744	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3745	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3746	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3747	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3748	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3749	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3750	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3751	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 3752	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3753	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3754	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 3755	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3756	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 3757	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3758	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3759	0.9793081171	Yes	Yes	No	No	No	No	1
## 3760	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3761	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3762	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3763	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3764	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3765	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3766	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3767	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3768	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3769	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3770	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3771	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3772	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3773	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3774	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3775	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3776	0.9793081171	Yes	Yes	No	No	No	No	1
## 3777	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3778	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3779	0.0044106701	No	Yes	Yes	Yes	No	Yes	0



##	3780	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3781	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3782	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3783	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3784	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3785	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3786	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3787	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3788	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3789	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3790	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3791	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3792	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3793	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3794	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3795	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3796	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3797	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3798	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3799	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3800	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3801	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3802	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3803	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3804	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3805	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3806	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3807	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3808	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3809	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3810	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3811	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3812	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3813	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3814	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3815	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3816	0.9793081171	Yes	Yes	No	No	No	No	1
##	3817	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3818	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3819	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3820	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3821	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3822	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3823	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3824	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3825	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3826	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3827	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3828	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3829	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3830	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3831	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3832	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3833	0.0044106701	No	Yes	Yes	Yes	No	Yes	0

## 3834	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 3835	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3836	0.9613467085	Yes	Yes	No	No	No	Yes	1
## 3837	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3838	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3839	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3840	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3841	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 3842	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3843	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3844	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
## 3845	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3846	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3847	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3848	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3849	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3850	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3851	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3852	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3853	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 3854	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3855	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 3856	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3857	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3858	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3859	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 3860	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3861	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3862	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3863	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3864	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3865	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3866	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3867	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3868	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3869	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3870	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 3871	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3872	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3873	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3874	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3875	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 3876	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3877	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3878	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 3879	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 3880	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3881	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3882	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3883	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 3884	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3885	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 3886	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 3887	0.0044106701	No	Yes	Yes	Yes	No	Yes	0

##	3888	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3889	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3890	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3891	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3892	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3893	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3894	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3895	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3896	0.9793081171	Yes	Yes	No	No	No	No	1
##	3897	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3898	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3899	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3900	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3901	0.9793081171	Yes	Yes	No	No	No	No	1
##	3902	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3903	0.9793081171	Yes	Yes	No	No	No	No	1
##	3904	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3905	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3906	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3907	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3908	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3909	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3910	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3911	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3912	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3913	0.9793081171	Yes	Yes	No	No	No	No	1
##	3914	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3915	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3916	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3917	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3918	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3919	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3920	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3921	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3922	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3923	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3924	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3925	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3926	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3927	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3928	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3929	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3930	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3931	0.9793081171	Yes	Yes	No	No	No	No	1
##	3932	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3933	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3934	0.9793081171	Yes	Yes	No	No	No	No	1
##	3935	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3936	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3937	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3938	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3939	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3940	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3941	0.9597454655	Yes	Yes	No	Yes	Yes	No	1

##	3942	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3943	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3944	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3945	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3946	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3947	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3948	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3949	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3950	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3951	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3952	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3953	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3954	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3955	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3956	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3957	0.9793081171	Yes	Yes	No	No	No	No	1
##	3958	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3959	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3960	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	3961	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3962	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3963	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	3964	0.9793081171	Yes	Yes	No	No	No	No	1
##	3965	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3966	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3967	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3968	0.9793081171	Yes	Yes	No	No	No	No	1
##	3969	0.9793081171	Yes	Yes	No	No	No	No	1
##	3970	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3971	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3972	0.9793081171	Yes	Yes	No	No	No	No	1
##	3973	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3974	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3975	0.9793081171	Yes	Yes	No	No	No	No	1
##	3976	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3977	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3978	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3979	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	3980	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	3981	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3982	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3983	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	3984	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	3985	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	3986	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3987	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3988	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3989	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3990	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	3991	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3992	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3993	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	3994	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	3995	0.9823778145	Yes	Yes	No	Yes	No	Yes	1

##	3996	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3997	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	3998	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	3999	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4000	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4001	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4002	0.9793081171	Yes	Yes	No	No	No	No	1
##	4003	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4004	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4005	0.9793081171	Yes	Yes	No	No	No	No	1
##	4006	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4007	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4008	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4009	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4010	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4011	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4012	0.9793081171	Yes	Yes	No	No	No	No	1
##	4013	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4014	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4015	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4016	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4017	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4018	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4019	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4020	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4021	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4022	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4023	0.9793081171	Yes	Yes	No	No	No	No	1
##	4024	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4025	0.9793081171	Yes	Yes	No	No	No	No	1
##	4026	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4027	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	4028	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4029	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	4030	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4031	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4032	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	4033	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4034	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4035	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4036	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4037	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4038	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4039	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4040	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4041	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4042	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4043	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4044	0.9793081171	Yes	Yes	No	No	No	No	1
##	4045	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4046	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	4047	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4048	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4049	0.9823778145	Yes	Yes	No	Yes	No	Yes	1

##	4050	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4051	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4052	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4053	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4054	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4055	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4056	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4057	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4058	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4059	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	4060	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4061	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4062	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4063	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4064	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4065	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4066	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4067	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4068	0.9793081171	Yes	Yes	No	No	No	No	1
##	4069	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4070	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4071	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4072	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4073	0.9793081171	Yes	Yes	No	No	No	No	1
##	4074	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4075	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4076	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4077	0.0464345928	No	Yes	No	No	No	Yes	0
##	4078	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4079	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4080	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4081	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4082	0.9793081171	Yes	Yes	No	No	No	No	1
##	4083	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4084	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4085	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4086	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4087	0.9793081171	Yes	Yes	No	No	No	No	1
##	4088	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4089	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4090	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4091	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4092	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4093	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4094	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4095	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4096	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4097	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4098	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4099	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4100	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4101	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4102	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4103	0.9613467085	Yes	Yes	No	No	No	Yes	1

##	4104	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4105	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4106	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4107	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	4108	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4109	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4110	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4111	0.9793081171	Yes	Yes	No	No	No	No	1
##	4112	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4113	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4114	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4115	0.9793081171	Yes	Yes	No	No	No	No	1
##	4116	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4117	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4118	0.9793081171	Yes	Yes	No	No	No	No	1
##	4119	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4120	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4121	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4122	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4123	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4124	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4125	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4126	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4127	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4128	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4129	0.9793081171	Yes	Yes	No	No	No	No	1
##	4130	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4131	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4132	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4133	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4134	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	4135	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4136	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4137	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4138	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4139	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4140	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4141	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4142	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4143	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4144	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	4145	0.9793081171	Yes	Yes	No	No	No	No	1
##	4146	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4147	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4148	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4149	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4150	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4151	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4152	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4153	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4154	0.9793081171	Yes	Yes	No	No	No	No	1
##	4155	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4156	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4157	0.0019726116	No	Yes	Yes	No	No	Yes	0

##	4158	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4159	0.9793081171	Yes	Yes	No	No	No	No	1
##	4160	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4161	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4162	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4163	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4164	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4165	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4166	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	4167	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4168	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4169	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4170	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4171	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	4172	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4173	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4174	0.9793081171	Yes	Yes	No	No	No	No	1
##	4175	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4176	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4177	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4178	0.9793081171	Yes	Yes	No	No	No	No	1
##	4179	0.9793081171	Yes	Yes	No	No	No	No	1
##	4180	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4181	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4182	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4183	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4184	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4185	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4186	0.9793081171	Yes	Yes	No	No	No	No	1
##	4187	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4188	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4189	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4190	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4191	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4192	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4193	0.9793081171	Yes	Yes	No	No	No	No	1
##	4194	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4195	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	4196	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4197	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4198	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4199	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4200	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4201	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4202	0.9793081171	Yes	Yes	No	No	No	No	1
##	4203	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4204	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	4205	0.9793081171	Yes	Yes	No	No	No	No	1
##	4206	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4207	0.9793081171	Yes	Yes	No	No	No	No	1
##	4208	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4209	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4210	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4211	0.9140666359	Yes	Yes	No	No	Yes	No	1



##	4212	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4213	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4214	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4215	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4216	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4217	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	4218	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4219	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4220	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4221	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4222	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4223	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4224	0.9793081171	Yes	Yes	No	No	No	No	1
##	4225	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4226	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4227	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4228	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4229	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4230	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4231	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4232	0.9793081171	Yes	Yes	No	No	No	No	1
##	4233	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	4234	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4235	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4236	0.9793081171	Yes	Yes	No	No	No	No	1
##	4237	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4238	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4239	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4240	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4241	0.9793081171	Yes	Yes	No	No	No	No	1
##	4242	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4243	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4244	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4245	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4246	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	4247	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4248	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	4249	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4250	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4251	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4252	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4253	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4254	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4255	0.9793081171	Yes	Yes	No	No	No	No	1
##	4256	0.9793081171	Yes	Yes	No	No	No	No	1
##	4257	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4258	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4259	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4260	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4261	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4262	0.9793081171	Yes	Yes	No	No	No	No	1
##	4263	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4264	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4265	0.9140666359	Yes	Yes	No	No	Yes	No	1

##	4266	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4267	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4268	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4269	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4270	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4271	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4272	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4273	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4274	0.9793081171	Yes	Yes	No	No	No	No	1
##	4275	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4276	0.9793081171	Yes	Yes	No	No	No	No	1
##	4277	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	4278	0.9793081171	Yes	Yes	No	No	No	No	1
##	4279	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4280	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4281	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4282	0.9793081171	Yes	Yes	No	No	No	No	1
##	4283	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4284	0.0124774614	No	No	Yes	Yes	No	No	0
##	4285	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4286	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4287	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4288	0.9793081171	Yes	Yes	No	No	No	No	1
##	4289	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4290	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4291	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4292	0.0124774614	No	No	Yes	Yes	No	No	0
##	4293	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4294	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4295	0.9793081171	Yes	Yes	No	No	No	No	1
##	4296	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4297	0.9793081171	Yes	Yes	No	No	No	No	1
##	4298	0.9793081171	Yes	Yes	No	No	No	No	1
##	4299	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4300	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4301	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4302	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4303	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4304	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4305	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4306	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4307	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4308	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4309	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4310	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4311	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4312	0.9793081171	Yes	Yes	No	No	No	No	1
##	4313	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4314	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4315	0.9793081171	Yes	Yes	No	No	No	No	1
##	4316	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4317	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4318	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4319	0.9613467085	Yes	Yes	No	No	No	Yes	1

##	4320	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4321	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4322	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4323	0.9793081171	Yes	Yes	No	No	No	No	1
##	4324	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4325	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4326	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4327	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	4328	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4329	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4330	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4331	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4332	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	4333	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4334	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4335	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4336	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4337	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4338	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4339	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4340	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4341	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4342	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4343	0.9793081171	Yes	Yes	No	No	No	No	1
##	4344	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4345	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4346	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4347	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4348	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4349	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4350	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	4351	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4352	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4353	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4354	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4355	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4356	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4357	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4358	0.0124774614	No	No	Yes	Yes	No	No	0
##	4359	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4360	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4361	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4362	0.9793081171	Yes	Yes	No	No	No	No	1
##	4363	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4364	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4365	0.0044106701	No	Yes	Yes	Yes	No	Yes	1
##	4366	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	4367	0.9793081171	Yes	Yes	No	No	No	No	1
##	4368	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4369	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4370	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4371	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4372	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4373	0.9597454655	Yes	Yes	No	Yes	Yes	No	1

## 4374	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4375	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 4376	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 4377	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 4378	0.9613467085	Yes	Yes	No	No	No	Yes	1
## 4379	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4380	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 4381	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 4382	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4383	0.9613467085	Yes	Yes	No	No	No	Yes	1
## 4384	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 4385	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4386	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4387	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4388	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4389	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
## 4390	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
## 4391	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4392	0.9793081171	Yes	Yes	No	No	No	No	1
## 4393	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4394	0.9613467085	Yes	Yes	No	No	No	Yes	1
## 4395	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 4396	0.9793081171	Yes	Yes	No	No	No	No	1
## 4397	0.0464345928	No	Yes	No	No	No	Yes	0
## 4398	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
## 4399	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
## 4400	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4401	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
## 4402	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
## 4403	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
## 4404	0.9613467085	Yes	Yes	No	No	No	Yes	1
## 4405	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
## 4406	0.9613467085	Yes	Yes	No	No	No	Yes	1
## 4407	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 4408	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 4409	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4410	0.9613467085	Yes	Yes	No	No	No	Yes	1
## 4411	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 4412	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 4413	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 4414	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 4415	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4416	0.9793081171	Yes	Yes	No	No	No	No	1
## 4417	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 4418	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 4419	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4420	0.0124774614	No	No	Yes	Yes	No	No	0
## 4421	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4422	0.9613467085	Yes	Yes	No	No	No	Yes	1
## 4423	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4424	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 4425	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 4426	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 4427	0.9597454655	Yes	Yes	No	Yes	Yes	No	1

##	4428	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4429	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4430	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4431	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4432	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4433	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4434	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4435	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4436	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4437	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4438	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4439	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	4440	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4441	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	4442	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4443	0.9793081171	Yes	Yes	No	No	No	No	1
##	4444	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4445	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4446	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4447	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4448	0.9793081171	Yes	Yes	No	No	No	No	1
##	4449	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4450	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4451	0.9793081171	Yes	Yes	No	No	No	No	1
##	4452	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4453	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4454	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4455	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4456	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4457	0.9793081171	Yes	Yes	No	No	No	No	1
##	4458	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4459	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4460	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	4461	0.9793081171	Yes	Yes	No	No	No	No	1
##	4462	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4463	0.9793081171	Yes	Yes	No	No	No	No	1
##	4464	0.9793081171	Yes	Yes	No	No	No	No	1
##	4465	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4466	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4467	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4468	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4469	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4470	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	4471	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4472	0.9793081171	Yes	Yes	No	No	No	No	1
##	4473	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4474	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4475	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4476	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4477	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4478	0.9793081171	Yes	Yes	No	No	No	No	1
##	4479	0.9793081171	Yes	Yes	No	No	No	No	1
##	4480	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4481	0.0019726116	No	Yes	Yes	No	No	Yes	0

##	4482	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4483	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4484	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4485	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4486	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4487	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4488	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4489	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4490	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4491	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4492	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	4493	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4494	0.9793081171	Yes	Yes	No	No	No	No	1
##	4495	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	4496	0.9793081171	Yes	Yes	No	No	No	No	1
##	4497	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	4498	0.0124774614	No	No	Yes	Yes	No	No	0
##	4499	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4500	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	4501	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4502	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4503	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4504	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4505	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4506	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4507	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4508	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4509	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4510	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4511	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4512	0.9793081171	Yes	Yes	No	No	No	No	1
##	4513	0.9793081171	Yes	Yes	No	No	No	No	1
##	4514	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4515	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4516	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4517	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4518	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4519	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4520	0.0124774614	No	No	Yes	Yes	No	No	0
##	4521	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4522	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4523	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4524	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4525	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4526	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4527	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4528	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4529	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4530	0.9793081171	Yes	Yes	No	No	No	No	1
##	4531	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4532	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4533	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4534	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	4535	0.0083599596	No	Yes	Yes	Yes	No	No	0

##	4536	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4537	0.9793081171	Yes	Yes	No	No	No	No	1
##	4538	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4539	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4540	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4541	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4542	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4543	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4544	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4545	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4546	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4547	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4548	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4549	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	4550	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	4551	0.9793081171	Yes	Yes	No	No	No	No	1
##	4552	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4553	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4554	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4555	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4556	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4557	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4558	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	4559	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4560	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4561	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4562	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4563	0.9793081171	Yes	Yes	No	No	No	No	1
##	4564	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4565	0.9793081171	Yes	Yes	No	No	No	No	1
##	4566	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4567	0.9793081171	Yes	Yes	No	No	No	No	1
##	4568	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4569	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4570	0.9793081171	Yes	Yes	No	No	No	No	1
##	4571	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4572	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4573	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4574	0.9793081171	Yes	Yes	No	No	No	No	1
##	4575	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4576	0.9793081171	Yes	Yes	No	No	No	No	1
##	4577	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4578	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4579	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4580	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4581	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4582	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4583	0.9793081171	Yes	Yes	No	No	No	No	1
##	4584	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4585	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4586	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4587	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4588	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4589	0.9823778145	Yes	Yes	No	Yes	No	Yes	1

##	4590	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4591	0.9793081171	Yes	Yes	No	No	No	No	1
##	4592	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4593	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4594	0.9793081171	Yes	Yes	No	No	No	No	1
##	4595	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4596	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4597	0.9793081171	Yes	Yes	No	No	No	No	1
##	4598	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4599	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4600	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4601	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4602	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4603	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4604	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4605	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4606	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4607	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4608	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4609	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4610	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4611	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4612	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	4613	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4614	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4615	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4616	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4617	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4618	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4619	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4620	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4621	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4622	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4623	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4624	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4625	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4626	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4627	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4628	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4629	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4630	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	4631	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4632	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4633	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4634	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4635	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4636	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4637	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4638	0.9793081171	Yes	Yes	No	No	No	No	1
##	4639	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4640	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4641	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4642	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	4643	0.9823778145	Yes	Yes	No	Yes	No	Yes	1



##	4644	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4645	0.9793081171	Yes	Yes	No	No	No	No	1
##	4646	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4647	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4648	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	4649	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4650	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4651	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4652	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4653	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4654	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4655	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4656	0.9793081171	Yes	Yes	No	No	No	No	1
##	4657	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4658	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4659	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4660	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4661	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4662	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	4663	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	4664	0.0464345928	No	Yes	No	No	No	Yes	0
##	4665	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4666	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4667	0.9793081171	Yes	Yes	No	No	No	No	1
##	4668	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4669	0.9793081171	Yes	Yes	No	No	No	No	1
##	4670	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4671	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4672	0.9793081171	Yes	Yes	No	No	No	No	1
##	4673	0.9793081171	Yes	Yes	No	No	No	No	1
##	4674	0.0124774614	No	No	Yes	Yes	No	No	0
##	4675	0.9793081171	Yes	Yes	No	No	No	No	1
##	4676	0.9793081171	Yes	Yes	No	No	No	No	1
##	4677	0.9793081171	Yes	Yes	No	No	No	No	1
##	4678	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4679	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4680	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4681	0.9793081171	Yes	Yes	No	No	No	No	1
##	4682	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4683	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4684	0.9793081171	Yes	Yes	No	No	No	No	1
##	4685	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4686	0.9793081171	Yes	Yes	No	No	No	No	1
##	4687	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4688	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4689	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4690	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4691	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4692	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4693	0.9793081171	Yes	Yes	No	No	No	No	1
##	4694	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4695	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4696	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4697	0.0019726116	No	Yes	Yes	No	No	Yes	0

## 4698	0.9613467085	Yes	Yes	No	No	No	Yes	1
## 4699	0.9793081171	Yes	Yes	No	No	No	No	1
## 4700	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 4701	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 4702	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 4703	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 4704	0.9613467085	Yes	Yes	No	No	No	Yes	1
## 4705	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 4706	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4707	0.9613467085	Yes	Yes	No	No	No	Yes	1
## 4708	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4709	0.0028316814	No	No	Yes	Yes	Yes	No	1
## 4710	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 4711	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
## 4712	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4713	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
## 4714	0.9793081171	Yes	Yes	No	No	No	No	1
## 4715	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 4716	0.9793081171	Yes	Yes	No	No	No	No	1
## 4717	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 4718	0.0984071858	No	Yes	No	Yes	No	Yes	0
## 4719	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4720	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
## 4721	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4722	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
## 4723	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 4724	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4725	0.9613467085	Yes	Yes	No	No	No	Yes	1
## 4726	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4727	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 4728	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4729	0.9613467085	Yes	Yes	No	No	No	Yes	1
## 4730	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4731	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 4732	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4733	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 4734	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
## 4735	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 4736	0.9613467085	Yes	Yes	No	No	No	Yes	1
## 4737	0.9793081171	Yes	Yes	No	No	No	No	1
## 4738	0.9793081171	Yes	Yes	No	No	No	No	1
## 4739	0.9793081171	Yes	Yes	No	No	No	No	1
## 4740	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 4741	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 4742	0.9793081171	Yes	Yes	No	No	No	No	1
## 4743	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4744	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 4745	0.9793081171	Yes	Yes	No	No	No	No	1
## 4746	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 4747	0.9613467085	Yes	Yes	No	No	No	Yes	1
## 4748	0.9793081171	Yes	Yes	No	No	No	No	1
## 4749	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 4750	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 4751	0.9823778145	Yes	Yes	No	Yes	No	Yes	1

##	4752	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4753	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4754	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4755	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4756	0.9793081171	Yes	Yes	No	No	No	No	1
##	4757	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4758	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4759	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4760	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4761	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4762	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4763	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4764	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4765	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4766	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4767	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4768	0.9793081171	Yes	Yes	No	No	No	No	1
##	4769	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4770	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4771	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4772	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4773	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4774	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4775	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4776	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4777	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4778	0.0124774614	No	No	Yes	Yes	No	No	0
##	4779	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4780	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	4781	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4782	0.9793081171	Yes	Yes	No	No	No	No	1
##	4783	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4784	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4785	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4786	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4787	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4788	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4789	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4790	0.9793081171	Yes	Yes	No	No	No	No	1
##	4791	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4792	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4793	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4794	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4795	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4796	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4797	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4798	0.9793081171	Yes	Yes	No	No	No	No	1
##	4799	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4800	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4801	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	4802	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4803	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	4804	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4805	0.9597454655	Yes	Yes	No	Yes	Yes	No	1

##	4806	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4807	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	4808	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4809	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4810	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4811	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4812	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4813	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	4814	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4815	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	4816	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4817	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4818	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4819	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4820	0.9793081171	Yes	Yes	No	No	No	No	1
##	4821	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	4822	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4823	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4824	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4825	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	4826	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4827	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	4828	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4829	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	4830	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4831	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4832	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	4833	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4834	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4835	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	4836	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	4837	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4838	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4839	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4840	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4841	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	4842	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	4843	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	4844	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	4845	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	4846	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	4847	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	4848	0.9793081171	Yes	Yes	No	No	No	No	1
##	4849	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	4850	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4851	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4852	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4853	0.9793081171	Yes	Yes	No	No	No	No	1
##	4854	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4855	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4856	0.9793081171	Yes	Yes	No	No	No	No	1
##	4857	0.9793081171	Yes	Yes	No	No	No	No	1
##	4858	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4859	0.0124774614	No	No	Yes	Yes	No	No	0

##	4860	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	4861	0.0124774614	No	No	Yes	Yes	No	No	0
##	4862	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4863	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4864	0.9793081171	Yes	Yes	No	No	No	No	1
##	4865	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4866	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	4867	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4868	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4869	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4870	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4871	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4872	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	4873	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4874	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4875	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4876	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4877	0.0044106701	No	Yes	Yes	Yes	No	Yes	0
##	4878	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4879	0.9793081171	Yes	Yes	No	No	No	No	1
##	4880	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4881	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4882	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4883	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	4884	0.9793081171	Yes	Yes	No	No	No	No	1
##	4885	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4886	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4887	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4888	0.9793081171	Yes	Yes	No	No	No	No	1
##	4889	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	4890	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	4891	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4892	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4893	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4894	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	4895	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4896	0.9793081171	Yes	Yes	No	No	No	No	1
##	4897	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4898	0.9793081171	Yes	Yes	No	No	No	No	1
##	4899	0.0464345928	No	Yes	No	No	No	Yes	0
##	4900	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	4901	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4902	0.9793081171	Yes	Yes	No	No	No	No	1
##	4903	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4904	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4905	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4906	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4907	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4908	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4909	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4910	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4911	0.9793081171	Yes	Yes	No	No	No	No	1
##	4912	0.0124774614	No	No	Yes	Yes	No	No	0
##	4913	0.9793081171	Yes	Yes	No	No	No	No	1

## 4914	0.9793081171	Yes	Yes	No	No	No	No	1
## 4915	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 4916	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
## 4917	0.9613467085	Yes	Yes	No	No	No	Yes	1
## 4918	0.9793081171	Yes	Yes	No	No	No	No	1
## 4919	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 4920	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4921	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
## 4922	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 4923	0.9793081171	Yes	Yes	No	No	No	No	1
## 4924	0.0019726116	No	Yes	Yes	No	No	Yes	0
## 4925	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4926	0.9793081171	Yes	Yes	No	No	No	No	1
## 4927	0.0124774614	No	No	Yes	Yes	No	No	0
## 4928	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
## 4929	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 4930	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4931	0.0984071858	No	Yes	No	Yes	No	Yes	0
## 4932	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 4933	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 4934	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
## 4935	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 4936	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4937	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 4938	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
## 4939	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 4940	0.0124774614	No	No	Yes	Yes	No	No	0
## 4941	0.9613467085	Yes	Yes	No	No	No	Yes	1
## 4942	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 4943	0.9793081171	Yes	Yes	No	No	No	No	1
## 4944	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 4945	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
## 4946	0.0124774614	No	No	Yes	Yes	No	No	0
## 4947	0.0984071858	No	Yes	No	Yes	No	Yes	1
## 4948	0.9613467085	Yes	Yes	No	No	No	Yes	1
## 4949	0.9613467085	Yes	Yes	No	No	No	Yes	1
## 4950	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 4951	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 4952	0.0124774614	No	No	Yes	Yes	No	No	0
## 4953	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 4954	0.9793081171	Yes	Yes	No	No	No	No	1
## 4955	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 4956	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 4957	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4958	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 4959	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 4960	0.9793081171	Yes	Yes	No	No	No	No	1
## 4961	0.9613467085	Yes	Yes	No	No	No	Yes	1
## 4962	0.9140666359	Yes	Yes	No	No	Yes	No	1
## 4963	0.9613467085	Yes	Yes	No	No	No	Yes	1
## 4964	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 4965	0.0124774614	No	No	Yes	Yes	No	No	0
## 4966	0.0124774614	No	No	Yes	Yes	No	No	0
## 4967	0.0124774614	No	No	Yes	Yes	No	No	0

##	4968	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	4969	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4970	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4971	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4972	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4973	0.9793081171	Yes	Yes	No	No	No	No	1
##	4974	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4975	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4976	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4977	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4978	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	4979	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4980	0.9793081171	Yes	Yes	No	No	No	No	1
##	4981	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4982	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4983	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4984	0.9793081171	Yes	Yes	No	No	No	No	1
##	4985	0.0464345928	No	Yes	No	No	No	Yes	0
##	4986	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4987	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4988	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4989	0.9793081171	Yes	Yes	No	No	No	No	1
##	4990	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	4991	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4992	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	4993	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	4994	0.0124774614	No	No	Yes	Yes	No	No	0
##	4995	0.9793081171	Yes	Yes	No	No	No	No	1
##	4996	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	4997	0.0124774614	No	No	Yes	Yes	No	No	0
##	4998	0.9793081171	Yes	Yes	No	No	No	No	1
##	4999	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5000	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5001	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5002	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5003	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5004	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5005	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5006	0.0464345928	No	Yes	No	No	No	Yes	0
##	5007	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5008	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5009	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5010	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5011	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5012	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5013	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5014	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5015	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5016	0.0124774614	No	No	Yes	Yes	No	No	0
##	5017	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5018	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5019	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5020	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5021	0.8658311818	Yes	No	Yes	Yes	No	No	1

##	5022	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	5023	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5024	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5025	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5026	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5027	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5028	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5029	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5030	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5031	0.9793081171	Yes	Yes	No	No	No	No	1
##	5032	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5033	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5034	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5035	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5036	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5037	0.9793081171	Yes	Yes	No	No	No	No	1
##	5038	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5039	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5040	0.9793081171	Yes	Yes	No	No	No	No	1
##	5041	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5042	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5043	0.9793081171	Yes	Yes	No	No	No	No	1
##	5044	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5045	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5046	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5047	0.9793081171	Yes	Yes	No	No	No	No	1
##	5048	0.9793081171	Yes	Yes	No	No	No	No	1
##	5049	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5050	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5051	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5052	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5053	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5054	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5055	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5056	0.9793081171	Yes	Yes	No	No	No	No	1
##	5057	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5058	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5059	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5060	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5061	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5062	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5063	0.9793081171	Yes	Yes	No	No	No	No	1
##	5064	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5065	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5066	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5067	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5068	0.9793081171	Yes	Yes	No	No	No	No	1
##	5069	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5070	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5071	0.0464345928	No	Yes	No	No	No	Yes	0
##	5072	0.0124774614	No	No	Yes	Yes	No	No	0
##	5073	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5074	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5075	0.9823778145	Yes	Yes	No	Yes	No	Yes	1



##	5076	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5077	0.9793081171	Yes	Yes	No	No	No	No	1
##	5078	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5079	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5080	0.0019726116	No	Yes	Yes	No	No	Yes	0
##	5081	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5082	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5083	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5084	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5085	0.9793081171	Yes	Yes	No	No	No	No	1
##	5086	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5087	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5088	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5089	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5090	0.9793081171	Yes	Yes	No	No	No	No	1
##	5091	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5092	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5093	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5094	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5095	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5096	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5097	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5098	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5099	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5100	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5101	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5102	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5103	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5104	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5105	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5106	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5107	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5108	0.0044106701	No	Yes	Yes	Yes	No	Yes	1
##	5109	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5110	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5111	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5112	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5113	0.9793081171	Yes	Yes	No	No	No	No	1
##	5114	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5115	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5116	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5117	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5118	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5119	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5120	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5121	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5122	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5123	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5124	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5125	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5126	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5127	0.0044106701	No	Yes	Yes	Yes	No	Yes	1
##	5128	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5129	0.0044106701	No	Yes	Yes	Yes	No	Yes	1

##	5130	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5131	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5132	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5133	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5134	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5135	0.0124774614	No	No	Yes	Yes	No	No	0
##	5136	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5137	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5138	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5139	0.9793081171	Yes	Yes	No	No	No	No	1
##	5140	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5141	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5142	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5143	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5144	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5145	0.0124774614	No	No	Yes	Yes	No	No	0
##	5146	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5147	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5148	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5149	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5150	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5151	0.0124774614	No	No	Yes	Yes	No	No	0
##	5152	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5153	0.9793081171	Yes	Yes	No	No	No	No	1
##	5154	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5155	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5156	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5157	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5158	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5159	0.9793081171	Yes	Yes	No	No	No	No	1
##	5160	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5161	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5162	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5163	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5164	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5165	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5166	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5167	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5168	0.9793081171	Yes	Yes	No	No	No	No	1
##	5169	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5170	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5171	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5172	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5173	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5174	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5175	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5176	0.0124774614	No	No	Yes	Yes	No	No	0
##	5177	0.0124774614	No	No	Yes	Yes	No	No	0
##	5178	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5179	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5180	0.0124774614	No	No	Yes	Yes	No	No	0
##	5181	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5182	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5183	0.9613467085	Yes	Yes	No	No	No	Yes	1

##	5184	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5185	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5186	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5187	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5188	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5189	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5190	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5191	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5192	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5193	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5194	0.0124774614	No	No	Yes	Yes	No	No	0
##	5195	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5196	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5197	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5198	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5199	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5200	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5201	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5202	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5203	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5204	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5205	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5206	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5207	0.0124774614	No	No	Yes	Yes	No	No	0
##	5208	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5209	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5210	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5211	0.0124774614	No	No	Yes	Yes	No	No	0
##	5212	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5213	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5214	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5215	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5216	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5217	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5218	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5219	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5220	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5221	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5222	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5223	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5224	0.0124774614	No	No	Yes	Yes	No	No	0
##	5225	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5226	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5227	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5228	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5229	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5230	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5231	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5232	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5233	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5234	0.0124774614	No	No	Yes	Yes	No	No	0
##	5235	0.9793081171	Yes	Yes	No	No	No	No	1
##	5236	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5237	0.8658311818	Yes	No	Yes	Yes	No	No	1

##	5238	0.0044106701	No	Yes	Yes	Yes	No	Yes	1
##	5239	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5240	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5241	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5242	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5243	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5244	0.0124774614	No	No	Yes	Yes	No	No	0
##	5245	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5246	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5247	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5248	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5249	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5250	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5251	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5252	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5253	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5254	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5255	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5256	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5257	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5258	0.0124774614	No	No	Yes	Yes	No	No	0
##	5259	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5260	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5261	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5262	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5263	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5264	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5265	0.0124774614	No	No	Yes	Yes	No	No	0
##	5266	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5267	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5268	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5269	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5270	0.0124774614	No	No	Yes	Yes	No	No	0
##	5271	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5272	0.0124774614	No	No	Yes	Yes	No	No	0
##	5273	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5274	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5275	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5276	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5277	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5278	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5279	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5280	0.9793081171	Yes	Yes	No	No	No	No	1
##	5281	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5282	0.0044106701	No	Yes	Yes	Yes	No	Yes	1
##	5283	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5284	0.0464345928	No	Yes	No	No	No	Yes	0
##	5285	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5286	0.0124774614	No	No	Yes	Yes	No	No	0
##	5287	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5288	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5289	0.9793081171	Yes	Yes	No	No	No	No	1
##	5290	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5291	0.5918980995	Yes	No	Yes	Yes	Yes	No	1

##	5292	0.0124774614	No	No	Yes	Yes	No	No	0
##	5293	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5294	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5295	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5296	0.0124774614	No	No	Yes	Yes	No	No	0
##	5297	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5298	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5299	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5300	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5301	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5302	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5303	0.0464345928	No	Yes	No	No	No	Yes	0
##	5304	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5305	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5306	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5307	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5308	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5309	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5310	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5311	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5312	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5313	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5314	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5315	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5316	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5317	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5318	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5319	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5320	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5321	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5322	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5323	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5324	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5325	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5326	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5327	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5328	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5329	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5330	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5331	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5332	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5333	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5334	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5335	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5336	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5337	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5338	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5339	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5340	0.9793081171	Yes	Yes	No	No	No	No	1
##	5341	0.0124774614	No	No	Yes	Yes	No	No	0
##	5342	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5343	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5344	0.9793081171	Yes	Yes	No	No	No	No	1
##	5345	0.0984071858	No	Yes	No	Yes	No	Yes	0

##	5346	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5347	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5348	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5349	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5350	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5351	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5352	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5353	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5354	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5355	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5356	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5357	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5358	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5359	0.9793081171	Yes	Yes	No	No	No	No	1
##	5360	0.9793081171	Yes	Yes	No	No	No	No	1
##	5361	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5362	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5363	0.0124774614	No	No	Yes	Yes	No	No	0
##	5364	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5365	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5366	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5367	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5368	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5369	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5370	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5371	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5372	0.0124774614	No	No	Yes	Yes	No	No	0
##	5373	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5374	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5375	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5376	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5377	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5378	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5379	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5380	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5381	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5382	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5383	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5384	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5385	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5386	0.0124774614	No	No	Yes	Yes	No	No	0
##	5387	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5388	0.0124774614	No	No	Yes	Yes	No	No	0
##	5389	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5390	0.0124774614	No	No	Yes	Yes	No	No	0
##	5391	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5392	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5393	0.0124774614	No	No	Yes	Yes	No	No	0
##	5394	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5395	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5396	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5397	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5398	0.9793081171	Yes	Yes	No	No	No	No	1
##	5399	0.0984071858	No	Yes	No	Yes	No	Yes	1

##	5400	0.9793081171	Yes	Yes	No	No	No	No	1
##	5401	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5402	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5403	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5404	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5405	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5406	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5407	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5408	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5409	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5410	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5411	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5412	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5413	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5414	0.0124774614	No	No	Yes	Yes	No	No	0
##	5415	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5416	0.0124774614	No	No	Yes	Yes	No	No	0
##	5417	0.0124774614	No	No	Yes	Yes	No	No	0
##	5418	0.0124774614	No	No	Yes	Yes	No	No	0
##	5419	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5420	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5421	0.0124774614	No	No	Yes	Yes	No	No	0
##	5422	0.0124774614	No	No	Yes	Yes	No	No	0
##	5423	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5424	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5425	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5426	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5427	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5428	0.9793081171	Yes	Yes	No	No	No	No	1
##	5429	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5430	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5431	0.0464345928	No	Yes	No	No	No	Yes	0
##	5432	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5433	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5434	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5435	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5436	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5437	0.0464345928	No	Yes	No	No	No	Yes	0
##	5438	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5439	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5440	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5441	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5442	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5443	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5444	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5445	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5446	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5447	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5448	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5449	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5450	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5451	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5452	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5453	0.9906614233	Yes	Yes	No	Yes	No	No	1

##	5454	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5455	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5456	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5457	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5458	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5459	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5460	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5461	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5462	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5463	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5464	0.0124774614	No	No	Yes	Yes	No	No	0
##	5465	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5466	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5467	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5468	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5469	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5470	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5471	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5472	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5473	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5474	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5475	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5476	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5477	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5478	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5479	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5480	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5481	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5482	0.0124774614	No	No	Yes	Yes	No	No	0
##	5483	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5484	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5485	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5486	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5487	0.9793081171	Yes	Yes	No	No	No	No	1
##	5488	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5489	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5490	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5491	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5492	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5493	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5494	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5495	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5496	0.9793081171	Yes	Yes	No	No	No	No	1
##	5497	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5498	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5499	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5500	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5501	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5502	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5503	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5504	0.0124774614	No	No	Yes	Yes	No	No	0
##	5505	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5506	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5507	0.9140666359	Yes	Yes	No	No	Yes	No	1



##	5508	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5509	0.0044106701	No	Yes	Yes	Yes	No	Yes	1
##	5510	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5511	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5512	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5513	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5514	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5515	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5516	0.0464345928	No	Yes	No	No	No	Yes	0
##	5517	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5518	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5519	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5520	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5521	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5522	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5523	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5524	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5525	0.9793081171	Yes	Yes	No	No	No	No	1
##	5526	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5527	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5528	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5529	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5530	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5531	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5532	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5533	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5534	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5535	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5536	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5537	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5538	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5539	0.0124774614	No	No	Yes	Yes	No	No	0
##	5540	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5541	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5542	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5543	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5544	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5545	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5546	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5547	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5548	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5549	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5550	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5551	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5552	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5553	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5554	0.0464345928	No	Yes	No	No	No	Yes	0
##	5555	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5556	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5557	0.0124774614	No	No	Yes	Yes	No	No	0
##	5558	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5559	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5560	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5561	0.5918980995	Yes	No	Yes	Yes	Yes	No	1

##	5562	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5563	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5564	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5565	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5566	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5567	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5568	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5569	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5570	0.0124774614	No	No	Yes	Yes	No	No	0
##	5571	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5572	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5573	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5574	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5575	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5576	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5577	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5578	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5579	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5580	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5581	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5582	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5583	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5584	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5585	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5586	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5587	0.0464345928	No	Yes	No	No	No	Yes	0
##	5588	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5589	0.0124774614	No	No	Yes	Yes	No	No	0
##	5590	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5591	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5592	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5593	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5594	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5595	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5596	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5597	0.0124774614	No	No	Yes	Yes	No	No	0
##	5598	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5599	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5600	0.0464345928	No	Yes	No	No	No	Yes	0
##	5601	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5602	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5603	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5604	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5605	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5606	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5607	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5608	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5609	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5610	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5611	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5612	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5613	0.0124774614	No	No	Yes	Yes	No	No	0
##	5614	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5615	0.9823778145	Yes	Yes	No	Yes	No	Yes	1

##	5616	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5617	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5618	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5619	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5620	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5621	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5622	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5623	0.0124774614	No	No	Yes	Yes	No	No	0
##	5624	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5625	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5626	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5627	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5628	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5629	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5630	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5631	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5632	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5633	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5634	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5635	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5636	0.9793081171	Yes	Yes	No	No	No	No	1
##	5637	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5638	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5639	0.0124774614	No	No	Yes	Yes	No	No	0
##	5640	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5641	0.0124774614	No	No	Yes	Yes	No	No	0
##	5642	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5643	0.9793081171	Yes	Yes	No	No	No	No	1
##	5644	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5645	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5646	0.0124774614	No	No	Yes	Yes	No	No	0
##	5647	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5648	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5649	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5650	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5651	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5652	0.9793081171	Yes	Yes	No	No	No	No	1
##	5653	0.0124774614	No	No	Yes	Yes	No	No	0
##	5654	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5655	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5656	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5657	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5658	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5659	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5660	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5661	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5662	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5663	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5664	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5665	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5666	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5667	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5668	0.9793081171	Yes	Yes	No	No	No	No	1
##	5669	0.9906614233	Yes	Yes	No	Yes	No	No	1

##	5670	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5671	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5672	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5673	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5674	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5675	0.0464345928	No	Yes	No	No	No	Yes	0
##	5676	0.9793081171	Yes	Yes	No	No	No	No	1
##	5677	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5678	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5679	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5680	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5681	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5682	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5683	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5684	0.0124774614	No	No	Yes	Yes	No	No	0
##	5685	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5686	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5687	0.0124774614	No	No	Yes	Yes	No	No	0
##	5688	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5689	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5690	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5691	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5692	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5693	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5694	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5695	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5696	0.0124774614	No	No	Yes	Yes	No	No	0
##	5697	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5698	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5699	0.0124774614	No	No	Yes	Yes	No	No	0
##	5700	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5701	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5702	0.9793081171	Yes	Yes	No	No	No	No	1
##	5703	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5704	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5705	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5706	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5707	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5708	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5709	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5710	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5711	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5712	0.0124774614	No	No	Yes	Yes	No	No	0
##	5713	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5714	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5715	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5716	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5717	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5718	0.0044106701	No	Yes	Yes	Yes	No	Yes	1
##	5719	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5720	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5721	0.0124774614	No	No	Yes	Yes	No	No	0
##	5722	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5723	0.9906614233	Yes	Yes	No	Yes	No	No	1

## 5724	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 5725	0.0124774614	No	No	Yes	Yes	No	No	0
## 5726	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 5727	0.0028316814	No	No	Yes	Yes	Yes	No	1
## 5728	0.0984071858	No	Yes	No	Yes	No	Yes	0
## 5729	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 5730	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 5731	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
## 5732	0.0124774614	No	No	Yes	Yes	No	No	0
## 5733	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 5734	0.0984071858	No	Yes	No	Yes	No	Yes	0
## 5735	0.0124774614	No	No	Yes	Yes	No	No	0
## 5736	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 5737	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 5738	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 5739	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
## 5740	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 5741	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 5742	0.0124774614	No	No	Yes	Yes	No	No	0
## 5743	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 5744	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 5745	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
## 5746	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 5747	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 5748	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 5749	0.0984071858	No	Yes	No	Yes	No	Yes	0
## 5750	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 5751	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 5752	0.0028316814	No	No	Yes	Yes	Yes	No	1
## 5753	0.0028316814	No	No	Yes	Yes	Yes	No	1
## 5754	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 5755	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 5756	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 5757	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
## 5758	0.0124774614	No	No	Yes	Yes	No	No	0
## 5759	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 5760	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 5761	0.0028316814	No	No	Yes	Yes	Yes	No	1
## 5762	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 5763	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 5764	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 5765	0.0464345928	No	Yes	No	No	No	Yes	0
## 5766	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
## 5767	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 5768	0.0984071858	No	Yes	No	Yes	No	Yes	0
## 5769	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 5770	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 5771	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 5772	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 5773	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 5774	0.0464345928	No	Yes	No	No	No	Yes	0
## 5775	0.0028316814	No	No	Yes	Yes	Yes	No	1
## 5776	0.8658311818	Yes	No	Yes	Yes	No	No	1
## 5777	0.0984071858	No	Yes	No	Yes	No	Yes	0

##	5778	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5779	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5780	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5781	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5782	0.0124774614	No	No	Yes	Yes	No	No	0
##	5783	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5784	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5785	0.9793081171	Yes	Yes	No	No	No	No	1
##	5786	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5787	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5788	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5789	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5790	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5791	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5792	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5793	0.9793081171	Yes	Yes	No	No	No	No	1
##	5794	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5795	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5796	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5797	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5798	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5799	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5800	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5801	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5802	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5803	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5804	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5805	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5806	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5807	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5808	0.0124774614	No	No	Yes	Yes	No	No	0
##	5809	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5810	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5811	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5812	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5813	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5814	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5815	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5816	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5817	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5818	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5819	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5820	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5821	0.0124774614	No	No	Yes	Yes	No	No	0
##	5822	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5823	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5824	0.0124774614	No	No	Yes	Yes	No	No	0
##	5825	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5826	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5827	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5828	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5829	0.0124774614	No	No	Yes	Yes	No	No	0
##	5830	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5831	0.5918980995	Yes	No	Yes	Yes	Yes	No	1

##	5832	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5833	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5834	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5835	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5836	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5837	0.0464345928	No	Yes	No	No	No	Yes	0
##	5838	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5839	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5840	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5841	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5842	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5843	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5844	0.9793081171	Yes	Yes	No	No	No	No	1
##	5845	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5846	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5847	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5848	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5849	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5850	0.0124774614	No	No	Yes	Yes	No	No	0
##	5851	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5852	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5853	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5854	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5855	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5856	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5857	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5858	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5859	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5860	0.0124774614	No	No	Yes	Yes	No	No	0
##	5861	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5862	0.0124774614	No	No	Yes	Yes	No	No	0
##	5863	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5864	0.0124774614	No	No	Yes	Yes	No	No	0
##	5865	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5866	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5867	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5868	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5869	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5870	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5871	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5872	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5873	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5874	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5875	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5876	0.0464345928	No	Yes	No	No	No	Yes	0
##	5877	0.9793081171	Yes	Yes	No	No	No	No	1
##	5878	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5879	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5880	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5881	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5882	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5883	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5884	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5885	0.9823778145	Yes	Yes	No	Yes	No	Yes	1

##	5886	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5887	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5888	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5889	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5890	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5891	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5892	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5893	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5894	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5895	0.0124774614	No	No	Yes	Yes	No	No	0
##	5896	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5897	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5898	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5899	0.0124774614	No	No	Yes	Yes	No	No	0
##	5900	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5901	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5902	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5903	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5904	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5905	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5906	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5907	0.0124774614	No	No	Yes	Yes	No	No	0
##	5908	0.0124774614	No	No	Yes	Yes	No	No	0
##	5909	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5910	0.9793081171	Yes	Yes	No	No	No	No	1
##	5911	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5912	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5913	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5914	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5915	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5916	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5917	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5918	0.0124774614	No	No	Yes	Yes	No	No	0
##	5919	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5920	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5921	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5922	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5923	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5924	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5925	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5926	0.9793081171	Yes	Yes	No	No	No	No	1
##	5927	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5928	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5929	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5930	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5931	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5932	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5933	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5934	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5935	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5936	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5937	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5938	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5939	0.0124774614	No	No	Yes	Yes	No	No	0



##	5940	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5941	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5942	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5943	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5944	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5945	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5946	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5947	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5948	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5949	0.0464345928	No	Yes	No	No	No	Yes	0
##	5950	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5951	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5952	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5953	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5954	0.0124774614	No	No	Yes	Yes	No	No	0
##	5955	0.9793081171	Yes	Yes	No	No	No	No	1
##	5956	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5957	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5958	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5959	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	5960	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5961	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5962	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5963	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5964	0.0018911446	No	Yes	Yes	Yes	Yes	No	1
##	5965	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	5966	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5967	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5968	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5969	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5970	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5971	0.0464345928	No	Yes	No	No	No	Yes	0
##	5972	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	5973	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5974	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5975	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5976	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5977	0.0124774614	No	No	Yes	Yes	No	No	0
##	5978	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5979	0.0984071858	No	Yes	No	Yes	No	Yes	0
##	5980	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5981	0.0464345928	No	Yes	No	No	No	Yes	0
##	5982	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5983	0.0028316814	No	No	Yes	Yes	Yes	No	1
##	5984	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5985	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5986	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5987	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5988	0.5918980995	Yes	No	Yes	Yes	Yes	No	1
##	5989	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	5990	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5991	0.9613467085	Yes	Yes	No	No	No	Yes	1
##	5992	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5993	0.0018911446	No	Yes	Yes	Yes	Yes	No	1

##	5994	0.9597454655	Yes	Yes	No	Yes	Yes	No	1
##	5995	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5996	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	5997	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	5998	0.0464345928	No	Yes	No	No	No	Yes	0
##	5999	0.8658311818	Yes	No	Yes	Yes	No	No	1
##	6000	0.9140666359	Yes	Yes	No	No	Yes	No	1
##	6001	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6002	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6003	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6004	0.9937496643	Yes	No	No	Yes	No	No	1
##	6005	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6006	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6007	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6008	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6009	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6010	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6011	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6012	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6013	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6014	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6015	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6016	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6017	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6018	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6019	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6020	0.9937496643	Yes	No	No	Yes	No	No	1
##	6021	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6022	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6023	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6024	0.9937496643	Yes	No	No	Yes	No	No	1
##	6025	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6026	0.9937496643	Yes	No	No	Yes	No	No	1
##	6027	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6028	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6029	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6030	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6031	0.9937496643	Yes	No	No	Yes	No	No	1
##	6032	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6033	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6034	0.9937496643	Yes	No	No	Yes	No	No	1
##	6035	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6036	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6037	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6038	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6039	0.1405876177	No	No	No	Yes	No	Yes	0
##	6040	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6041	0.1405876177	No	No	No	Yes	No	Yes	0
##	6042	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6043	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6044	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6045	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6046	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6047	0.9881727171	Yes	No	No	Yes	No	Yes	1

##	6048	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6049	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6050	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6051	0.9937496643	Yes	No	No	Yes	No	No	1
##	6052	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6053	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6054	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6055	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6056	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6057	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6058	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6059	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6060	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6061	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6062	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6063	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6064	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6065	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6066	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6067	0.9937496643	Yes	No	No	Yes	No	No	1
##	6068	0.9937496643	Yes	No	No	Yes	No	No	1
##	6069	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	6070	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6071	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6072	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6073	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6074	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6075	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6076	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6077	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6078	0.9937496643	Yes	No	No	Yes	No	No	1
##	6079	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6080	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6081	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6082	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6083	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6084	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6085	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6086	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6087	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6088	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6089	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6090	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6091	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6092	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6093	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6094	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6095	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6096	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6097	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6098	0.9937496643	Yes	No	No	Yes	No	No	1
##	6099	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6100	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6101	0.9937496643	Yes	No	No	Yes	No	No	1

##	6102	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6103	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6104	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6105	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6106	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6107	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6108	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6109	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6110	0.9937496643	Yes	No	No	Yes	No	No	1
##	6111	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6112	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6113	0.9937496643	Yes	No	No	Yes	No	No	1
##	6114	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6115	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6116	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6117	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6118	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6119	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6120	0.9937496643	Yes	No	No	Yes	No	No	1
##	6121	0.0124774614	No	No	Yes	Yes	No	No	0
##	6122	0.9937496643	Yes	No	No	Yes	No	No	1
##	6123	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6124	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6125	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6126	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6127	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6128	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6129	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6130	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6131	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6132	0.9937496643	Yes	No	No	Yes	No	No	1
##	6133	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6134	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6135	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6136	0.9937496643	Yes	No	No	Yes	No	No	1
##	6137	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6138	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6139	0.9937496643	Yes	No	No	Yes	No	No	1
##	6140	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6141	0.9937496643	Yes	No	No	Yes	No	No	1
##	6142	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6143	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	6144	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6145	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6146	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6147	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6148	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	6149	0.9937496643	Yes	No	No	Yes	No	No	1
##	6150	0.9937496643	Yes	No	No	Yes	No	No	1
##	6151	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6152	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6153	0.9937496643	Yes	No	No	Yes	No	No	1
##	6154	0.9937496643	Yes	No	No	Yes	No	No	1
##	6155	0.9937496643	Yes	No	No	Yes	No	No	1

##	6156	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6157	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6158	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6159	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6160	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6161	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6162	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6163	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6164	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6165	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6166	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6167	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6168	0.9937496643	Yes	No	No	Yes	No	No	1
##	6169	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6170	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6171	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6172	0.9937496643	Yes	No	No	Yes	No	No	1
##	6173	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6174	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6175	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6176	0.9937496643	Yes	No	No	Yes	No	No	1
##	6177	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6178	0.9937496643	Yes	No	No	Yes	No	No	1
##	6179	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6180	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6181	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6182	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6183	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6184	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6185	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6186	0.9937496643	Yes	No	No	Yes	No	No	1
##	6187	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6188	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6189	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6190	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6191	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6192	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6193	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6194	0.9937496643	Yes	No	No	Yes	No	No	1
##	6195	0.0653881752	No	No	No	Yes	Yes	No	0
##	6196	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6197	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6198	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6199	0.9937496643	Yes	No	No	Yes	No	No	1
##	6200	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6201	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6202	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6203	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6204	0.0653881752	No	No	No	Yes	Yes	No	0
##	6205	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6206	0.9937496643	Yes	No	No	Yes	No	No	1
##	6207	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6208	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6209	0.9881727171	Yes	No	No	Yes	No	Yes	1

##	6210	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6211	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6212	0.9937496643	Yes	No	No	Yes	No	No	1
##	6213	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6214	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6215	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	6216	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6217	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6218	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6219	0.9937496643	Yes	No	No	Yes	No	No	1
##	6220	0.0653881752	No	No	No	Yes	Yes	No	0
##	6221	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6222	0.9937496643	Yes	No	No	Yes	No	No	1
##	6223	0.9937496643	Yes	No	No	Yes	No	No	1
##	6224	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6225	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6226	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6227	0.9937496643	Yes	No	No	Yes	No	No	1
##	6228	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6229	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6230	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6231	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6232	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6233	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6234	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6235	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6236	0.9937496643	Yes	No	No	Yes	No	No	1
##	6237	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6238	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6239	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6240	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6241	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6242	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6243	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6244	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6245	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6246	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6247	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6248	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6249	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6250	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6251	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6252	0.9937496643	Yes	No	No	Yes	No	No	1
##	6253	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6254	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6255	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6256	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6257	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6258	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6259	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6260	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6261	0.9937496643	Yes	No	No	Yes	No	No	1
##	6262	0.0653881752	No	No	No	Yes	Yes	No	0
##	6263	0.9881727171	Yes	No	No	Yes	No	Yes	1

## 6264	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6265	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6266	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6267	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 6268	0.9937496643	Yes	No	No	Yes	No	No	1
## 6269	0.9937496643	Yes	No	No	Yes	No	No	1
## 6270	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6271	0.9937496643	Yes	No	No	Yes	No	No	1
## 6272	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6273	0.9937496643	Yes	No	No	Yes	No	No	1
## 6274	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6275	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6276	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6277	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 6278	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6279	0.9937496643	Yes	No	No	Yes	No	No	1
## 6280	0.0653881752	No	No	No	Yes	Yes	No	0
## 6281	0.9937496643	Yes	No	No	Yes	No	No	1
## 6282	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6283	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6284	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 6285	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6286	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6287	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6288	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6289	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6290	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6291	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6292	0.9937496643	Yes	No	No	Yes	No	No	1
## 6293	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6294	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6295	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 6296	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 6297	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6298	0.9937496643	Yes	No	No	Yes	No	No	1
## 6299	0.9937496643	Yes	No	No	Yes	No	No	1
## 6300	0.9937496643	Yes	No	No	Yes	No	No	1
## 6301	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6302	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 6303	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6304	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6305	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6306	0.9937496643	Yes	No	No	Yes	No	No	1
## 6307	0.9937496643	Yes	No	No	Yes	No	No	1
## 6308	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6309	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6310	0.9937496643	Yes	No	No	Yes	No	No	1
## 6311	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6312	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 6313	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6314	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6315	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6316	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6317	0.9937496643	Yes	No	No	Yes	No	No	1

##	6318	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6319	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6320	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6321	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6322	0.9937496643	Yes	No	No	Yes	No	No	1
##	6323	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6324	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6325	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6326	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6327	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6328	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6329	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6330	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6331	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6332	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	6333	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6334	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6335	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6336	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6337	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6338	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6339	0.9937496643	Yes	No	No	Yes	No	No	1
##	6340	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6341	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6342	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6343	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6344	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6345	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6346	0.9937496643	Yes	No	No	Yes	No	No	1
##	6347	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6348	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6349	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6350	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6351	0.9937496643	Yes	No	No	Yes	No	No	1
##	6352	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6353	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6354	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6355	0.9937496643	Yes	No	No	Yes	No	No	1
##	6356	0.9937496643	Yes	No	No	Yes	No	No	1
##	6357	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6358	0.9937496643	Yes	No	No	Yes	No	No	1
##	6359	0.9937496643	Yes	No	No	Yes	No	No	1
##	6360	0.9937496643	Yes	No	No	Yes	No	No	1
##	6361	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6362	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6363	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6364	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6365	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6366	0.9937496643	Yes	No	No	Yes	No	No	1
##	6367	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	6368	0.9937496643	Yes	No	No	Yes	No	No	1
##	6369	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6370	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6371	0.9881727171	Yes	No	No	Yes	No	Yes	1



## 6372	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6373	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6374	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6375	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 6376	0.1405876177	No	No	No	Yes	No	Yes	0
## 6377	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6378	0.9937496643	Yes	No	No	Yes	No	No	1
## 6379	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6380	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6381	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 6382	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6383	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6384	0.9937496643	Yes	No	No	Yes	No	No	1
## 6385	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 6386	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6387	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6388	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 6389	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6390	0.9937496643	Yes	No	No	Yes	No	No	1
## 6391	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 6392	0.9937496643	Yes	No	No	Yes	No	No	1
## 6393	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6394	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6395	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6396	0.9937496643	Yes	No	No	Yes	No	No	1
## 6397	0.0653881752	No	No	No	Yes	Yes	No	0
## 6398	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6399	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6400	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6401	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6402	0.9937496643	Yes	No	No	Yes	No	No	1
## 6403	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6404	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 6405	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6406	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 6407	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 6408	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6409	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6410	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6411	0.9937496643	Yes	No	No	Yes	No	No	1
## 6412	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6413	0.9937496643	Yes	No	No	Yes	No	No	1
## 6414	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6415	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6416	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6417	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6418	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6419	0.9937496643	Yes	No	No	Yes	No	No	1
## 6420	0.9937496643	Yes	No	No	Yes	No	No	1
## 6421	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 6422	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6423	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6424	0.9937496643	Yes	No	No	Yes	No	No	1
## 6425	0.1405876177	No	No	No	Yes	No	Yes	0

##	6426	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6427	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6428	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6429	0.9937496643	Yes	No	No	Yes	No	No	1
##	6430	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6431	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6432	0.9937496643	Yes	No	No	Yes	No	No	1
##	6433	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6434	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6435	0.1405876177	No	No	No	Yes	No	Yes	0
##	6436	0.9937496643	Yes	No	No	Yes	No	No	1
##	6437	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6438	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6439	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6440	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6441	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6442	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6443	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6444	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6445	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6446	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6447	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6448	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6449	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6450	0.0653881752	No	No	No	Yes	Yes	No	0
##	6451	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6452	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6453	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6454	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6455	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6456	0.9937496643	Yes	No	No	Yes	No	No	1
##	6457	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6458	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6459	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6460	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6461	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6462	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6463	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6464	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6465	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6466	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6467	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6468	0.9937496643	Yes	No	No	Yes	No	No	1
##	6469	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6470	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6471	0.9937496643	Yes	No	No	Yes	No	No	1
##	6472	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6473	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6474	0.9937496643	Yes	No	No	Yes	No	No	1
##	6475	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6476	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6477	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6478	0.9937496643	Yes	No	No	Yes	No	No	1
##	6479	0.9881727171	Yes	No	No	Yes	No	Yes	1

##	6480	0.9937496643	Yes	No	No	Yes	No	No	1
##	6481	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6482	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6483	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6484	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6485	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6486	0.9937496643	Yes	No	No	Yes	No	No	1
##	6487	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6488	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6489	0.9937496643	Yes	No	No	Yes	No	No	1
##	6490	0.9937496643	Yes	No	No	Yes	No	No	1
##	6491	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6492	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6493	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6494	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6495	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6496	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6497	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6498	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6499	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6500	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6501	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6502	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6503	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6504	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6505	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6506	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6507	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6508	0.9937496643	Yes	No	No	Yes	No	No	1
##	6509	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6510	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	6511	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6512	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6513	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6514	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6515	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6516	0.9937496643	Yes	No	No	Yes	No	No	1
##	6517	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6518	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	6519	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6520	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6521	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6522	0.9937496643	Yes	No	No	Yes	No	No	1
##	6523	0.9937496643	Yes	No	No	Yes	No	No	1
##	6524	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6525	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6526	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6527	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6528	0.9937496643	Yes	No	No	Yes	No	No	1
##	6529	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6530	0.9937496643	Yes	No	No	Yes	No	No	1
##	6531	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	6532	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6533	0.9881727171	Yes	No	No	Yes	No	Yes	1

##	6534	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6535	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6536	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6537	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6538	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6539	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6540	0.9937496643	Yes	No	No	Yes	No	No	1
##	6541	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6542	0.9937496643	Yes	No	No	Yes	No	No	1
##	6543	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6544	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6545	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6546	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6547	0.9937496643	Yes	No	No	Yes	No	No	1
##	6548	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6549	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6550	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6551	0.9937496643	Yes	No	No	Yes	No	No	1
##	6552	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6553	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6554	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6555	0.9937496643	Yes	No	No	Yes	No	No	1
##	6556	0.9937496643	Yes	No	No	Yes	No	No	1
##	6557	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6558	0.9937496643	Yes	No	No	Yes	No	No	1
##	6559	0.1405876177	No	No	No	Yes	No	Yes	0
##	6560	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6561	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6562	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6563	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6564	0.9937496643	Yes	No	No	Yes	No	No	1
##	6565	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6566	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6567	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6568	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6569	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6570	0.9937496643	Yes	No	No	Yes	No	No	1
##	6571	0.9937496643	Yes	No	No	Yes	No	No	1
##	6572	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6573	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6574	0.9937496643	Yes	No	No	Yes	No	No	1
##	6575	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6576	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6577	0.9937496643	Yes	No	No	Yes	No	No	1
##	6578	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6579	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6580	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6581	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6582	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6583	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6584	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6585	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6586	0.9937496643	Yes	No	No	Yes	No	No	1
##	6587	0.9906614233	Yes	Yes	No	Yes	No	No	1

## 6588	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6589	0.9937496643	Yes	No	No	Yes	No	No	1
## 6590	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6591	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6592	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6593	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6594	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6595	0.9937496643	Yes	No	No	Yes	No	No	1
## 6596	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6597	0.9937496643	Yes	No	No	Yes	No	No	1
## 6598	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6599	0.9937496643	Yes	No	No	Yes	No	No	1
## 6600	0.0653881752	No	No	No	Yes	Yes	No	0
## 6601	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 6602	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 6603	0.9937496643	Yes	No	No	Yes	No	No	1
## 6604	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6605	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6606	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6607	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6608	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6609	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6610	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6611	0.9937496643	Yes	No	No	Yes	No	No	1
## 6612	0.9937496643	Yes	No	No	Yes	No	No	1
## 6613	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6614	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6615	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6616	0.9937496643	Yes	No	No	Yes	No	No	1
## 6617	0.9937496643	Yes	No	No	Yes	No	No	1
## 6618	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6619	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6620	0.9937496643	Yes	No	No	Yes	No	No	1
## 6621	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6622	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6623	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6624	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6625	0.9937496643	Yes	No	No	Yes	No	No	1
## 6626	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 6627	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6628	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6629	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6630	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6631	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6632	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6633	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6634	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6635	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6636	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6637	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6638	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6639	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 6640	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6641	0.9906614233	Yes	Yes	No	Yes	No	No	1

##	6642	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6643	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6644	0.9937496643	Yes	No	No	Yes	No	No	1
##	6645	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6646	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6647	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6648	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6649	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6650	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6651	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6652	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6653	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6654	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6655	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6656	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6657	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6658	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6659	0.9937496643	Yes	No	No	Yes	No	No	1
##	6660	0.9937496643	Yes	No	No	Yes	No	No	1
##	6661	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	6662	0.9937496643	Yes	No	No	Yes	No	No	1
##	6663	0.9937496643	Yes	No	No	Yes	No	No	1
##	6664	0.1405876177	No	No	No	Yes	No	Yes	0
##	6665	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6666	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6667	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6668	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6669	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6670	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6671	0.9937496643	Yes	No	No	Yes	No	No	1
##	6672	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6673	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6674	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6675	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6676	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6677	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6678	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6679	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6680	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6681	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6682	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6683	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6684	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6685	0.9937496643	Yes	No	No	Yes	No	No	1
##	6686	0.9937496643	Yes	No	No	Yes	No	No	1
##	6687	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6688	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6689	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6690	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6691	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6692	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6693	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6694	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6695	0.9881727171	Yes	No	No	Yes	No	Yes	1

##	6696	0.9937496643	Yes	No	No	Yes	No	No	1
##	6697	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6698	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6699	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6700	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6701	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6702	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6703	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6704	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6705	0.9937496643	Yes	No	No	Yes	No	No	1
##	6706	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6707	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6708	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6709	0.9937496643	Yes	No	No	Yes	No	No	1
##	6710	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6711	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6712	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6713	0.9937496643	Yes	No	No	Yes	No	No	1
##	6714	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6715	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6716	0.9937496643	Yes	No	No	Yes	No	No	1
##	6717	0.9937496643	Yes	No	No	Yes	No	No	1
##	6718	0.9937496643	Yes	No	No	Yes	No	No	1
##	6719	0.9937496643	Yes	No	No	Yes	No	No	1
##	6720	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6721	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6722	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6723	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6724	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6725	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6726	0.9937496643	Yes	No	No	Yes	No	No	1
##	6727	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6728	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6729	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6730	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6731	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6732	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6733	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6734	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6735	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6736	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6737	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6738	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6739	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6740	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6741	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6742	0.9937496643	Yes	No	No	Yes	No	No	1
##	6743	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6744	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6745	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	6746	0.9937496643	Yes	No	No	Yes	No	No	1
##	6747	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6748	0.9937496643	Yes	No	No	Yes	No	No	1
##	6749	0.9881727171	Yes	No	No	Yes	No	Yes	1

## 6750	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6751	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6752	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6753	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 6754	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6755	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6756	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6757	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6758	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6759	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6760	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6761	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6762	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6763	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 6764	0.1405876177	No	No	No	Yes	No	Yes	0
## 6765	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6766	0.9937496643	Yes	No	No	Yes	No	No	1
## 6767	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6768	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6769	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6770	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6771	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 6772	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6773	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6774	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6775	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 6776	0.9937496643	Yes	No	No	Yes	No	No	1
## 6777	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6778	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6779	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6780	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6781	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6782	0.9937496643	Yes	No	No	Yes	No	No	1
## 6783	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 6784	0.9937496643	Yes	No	No	Yes	No	No	1
## 6785	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6786	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6787	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6788	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6789	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6790	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6791	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 6792	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6793	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6794	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6795	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6796	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6797	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6798	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6799	0.9937496643	Yes	No	No	Yes	No	No	1
## 6800	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 6801	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 6802	0.9937496643	Yes	No	No	Yes	No	No	1
## 6803	0.9906614233	Yes	Yes	No	Yes	No	No	1



##	6804	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6805	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6806	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6807	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6808	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6809	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6810	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6811	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6812	0.9937496643	Yes	No	No	Yes	No	No	1
##	6813	0.9937496643	Yes	No	No	Yes	No	No	1
##	6814	0.9937496643	Yes	No	No	Yes	No	No	1
##	6815	0.9937496643	Yes	No	No	Yes	No	No	1
##	6816	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6817	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6818	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6819	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6820	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6821	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6822	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6823	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6824	0.9937496643	Yes	No	No	Yes	No	No	1
##	6825	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6826	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6827	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6828	0.0653881752	No	No	No	Yes	Yes	No	0
##	6829	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6830	0.9937496643	Yes	No	No	Yes	No	No	1
##	6831	0.9937496643	Yes	No	No	Yes	No	No	1
##	6832	0.9937496643	Yes	No	No	Yes	No	No	1
##	6833	0.9937496643	Yes	No	No	Yes	No	No	1
##	6834	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6835	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6836	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6837	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6838	0.9937496643	Yes	No	No	Yes	No	No	1
##	6839	0.9937496643	Yes	No	No	Yes	No	No	1
##	6840	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6841	0.9937496643	Yes	No	No	Yes	No	No	1
##	6842	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6843	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6844	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6845	0.9937496643	Yes	No	No	Yes	No	No	1
##	6846	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6847	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6848	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6849	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6850	0.1405876177	No	No	No	Yes	No	Yes	0
##	6851	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6852	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6853	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6854	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6855	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6856	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6857	0.9937496643	Yes	No	No	Yes	No	No	1

##	6858	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6859	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6860	0.9937496643	Yes	No	No	Yes	No	No	1
##	6861	0.0653881752	No	No	No	Yes	Yes	No	0
##	6862	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6863	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6864	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6865	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6866	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6867	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6868	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6869	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6870	0.9937496643	Yes	No	No	Yes	No	No	1
##	6871	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6872	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6873	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6874	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6875	0.9937496643	Yes	No	No	Yes	No	No	1
##	6876	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6877	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6878	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6879	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6880	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6881	0.9937496643	Yes	No	No	Yes	No	No	1
##	6882	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6883	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6884	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6885	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	6886	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6887	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6888	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6889	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6890	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6891	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6892	0.9937496643	Yes	No	No	Yes	No	No	1
##	6893	0.9937496643	Yes	No	No	Yes	No	No	1
##	6894	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6895	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6896	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6897	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6898	0.9937496643	Yes	No	No	Yes	No	No	1
##	6899	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6900	0.9937496643	Yes	No	No	Yes	No	No	1
##	6901	0.1405876177	No	No	No	Yes	No	Yes	0
##	6902	0.9937496643	Yes	No	No	Yes	No	No	1
##	6903	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6904	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6905	0.0037470933	No	Yes	Yes	No	No	No	0
##	6906	0.1405876177	No	No	No	Yes	No	Yes	0
##	6907	0.0653881752	No	No	No	Yes	Yes	No	0
##	6908	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	6909	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6910	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6911	0.1405876177	No	No	No	Yes	No	Yes	0

##	6912	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6913	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	6914	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6915	0.0653881752	No	No	No	Yes	Yes	No	0
##	6916	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6917	0.9937496643	Yes	No	No	Yes	No	No	1
##	6918	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6919	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6920	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6921	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	6922	0.9937496643	Yes	No	No	Yes	No	No	1
##	6923	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6924	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6925	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	6926	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6927	0.9937496643	Yes	No	No	Yes	No	No	1
##	6928	0.1405876177	No	No	No	Yes	No	Yes	0
##	6929	0.0037470933	No	Yes	Yes	No	No	No	0
##	6930	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6931	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6932	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6933	0.0653881752	No	No	No	Yes	Yes	No	0
##	6934	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6935	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6936	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6937	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6938	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	6939	0.0653881752	No	No	No	Yes	Yes	No	0
##	6940	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6941	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6942	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	6943	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6944	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6945	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6946	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6947	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6948	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6949	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6950	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6951	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6952	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6953	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	6954	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6955	0.9937496643	Yes	No	No	Yes	No	No	1
##	6956	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6957	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6958	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6959	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	6960	0.9937496643	Yes	No	No	Yes	No	No	1
##	6961	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6962	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6963	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6964	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6965	0.9823778145	Yes	Yes	No	Yes	No	Yes	1

##	6966	0.9937496643	Yes	No	No	Yes	No	No	1
##	6967	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6968	0.0680185715	No	No	No	No	No	Yes	0
##	6969	0.9937496643	Yes	No	No	Yes	No	No	1
##	6970	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6971	0.0680185715	No	No	No	No	No	Yes	0
##	6972	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6973	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6974	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6975	0.9937496643	Yes	No	No	Yes	No	No	1
##	6976	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	6977	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6978	0.9937496643	Yes	No	No	Yes	No	No	1
##	6979	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6980	0.9937496643	Yes	No	No	Yes	No	No	1
##	6981	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6982	0.9937496643	Yes	No	No	Yes	No	No	1
##	6983	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6984	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6985	0.1219459250	No	No	No	No	No	No	0
##	6986	0.9937496643	Yes	No	No	Yes	No	No	1
##	6987	0.9937496643	Yes	No	No	Yes	No	No	1
##	6988	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	6989	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6990	0.1405876177	No	No	No	Yes	No	Yes	0
##	6991	0.0653881752	No	No	No	Yes	Yes	No	0
##	6992	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6993	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6994	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	6995	0.1405876177	No	No	No	Yes	No	Yes	0
##	6996	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6997	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	6998	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	6999	0.0653881752	No	No	No	Yes	Yes	No	0
##	7000	0.1405876177	No	No	No	Yes	No	Yes	0
##	7001	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7002	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7003	0.9937496643	Yes	No	No	Yes	No	No	1
##	7004	0.0653881752	No	No	No	Yes	Yes	No	0
##	7005	0.0653881752	No	No	No	Yes	Yes	No	0
##	7006	0.0653881752	No	No	No	Yes	Yes	No	0
##	7007	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7008	0.9937496643	Yes	No	No	Yes	No	No	1
##	7009	0.0653881752	No	No	No	Yes	Yes	No	0
##	7010	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7011	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7012	0.0653881752	No	No	No	Yes	Yes	No	0
##	7013	0.9937496643	Yes	No	No	Yes	No	No	1
##	7014	0.9937496643	Yes	No	No	Yes	No	No	1
##	7015	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7016	0.0653881752	No	No	No	Yes	Yes	No	0
##	7017	0.0653881752	No	No	No	Yes	Yes	No	0
##	7018	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7019	0.9881727171	Yes	No	No	Yes	No	Yes	1

##	7020	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7021	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7022	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7023	0.0124774614	No	No	Yes	Yes	No	No	0
##	7024	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7025	0.9937496643	Yes	No	No	Yes	No	No	1
##	7026	0.1405876177	No	No	No	Yes	No	Yes	0
##	7027	0.1405876177	No	No	No	Yes	No	Yes	0
##	7028	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7029	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7030	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7031	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7032	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7033	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7034	0.1405876177	No	No	No	Yes	No	Yes	0
##	7035	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7036	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7037	0.1405876177	No	No	No	Yes	No	Yes	0
##	7038	0.1405876177	No	No	No	Yes	No	Yes	0
##	7039	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7040	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7041	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7042	0.1405876177	No	No	No	Yes	No	Yes	0
##	7043	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7044	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7045	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7046	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7047	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7048	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7049	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7050	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7051	0.0653881752	No	No	No	Yes	Yes	No	0
##	7052	0.1405876177	No	No	No	Yes	No	Yes	0
##	7053	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7054	0.9937496643	Yes	No	No	Yes	No	No	1
##	7055	0.1405876177	No	No	No	Yes	No	Yes	0
##	7056	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7057	0.9937496643	Yes	No	No	Yes	No	No	1
##	7058	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7059	0.9937496643	Yes	No	No	Yes	No	No	1
##	7060	0.9937496643	Yes	No	No	Yes	No	No	1
##	7061	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7062	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7063	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7064	0.0056054790	No	No	Yes	No	No	No	0
##	7065	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7066	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7067	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7068	0.0653881752	No	No	No	Yes	Yes	No	0
##	7069	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7070	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7071	0.9937496643	Yes	No	No	Yes	No	No	1
##	7072	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7073	0.9823778145	Yes	Yes	No	Yes	No	Yes	1

## 7074	0.0056054790	No	No	Yes	No	No	No	0
## 7075	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7076	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7077	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7078	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7079	0.9937496643	Yes	No	No	Yes	No	No	1
## 7080	0.1405876177	No	No	No	Yes	No	Yes	0
## 7081	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7082	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7083	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7084	0.9937496643	Yes	No	No	Yes	No	No	1
## 7085	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7086	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7087	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7088	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7089	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7090	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7091	0.1405876177	No	No	No	Yes	No	Yes	0
## 7092	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7093	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7094	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7095	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7096	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7097	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7098	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7099	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7100	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7101	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7102	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7103	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7104	0.0653881752	No	No	No	Yes	Yes	No	0
## 7105	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7106	0.9937496643	Yes	No	No	Yes	No	No	1
## 7107	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7108	0.9937496643	Yes	No	No	Yes	No	No	1
## 7109	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7110	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7111	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7112	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7113	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7114	0.9937496643	Yes	No	No	Yes	No	No	1
## 7115	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7116	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7117	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 7118	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7119	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7120	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7121	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7122	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7123	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7124	0.0653881752	No	No	No	Yes	Yes	No	0
## 7125	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7126	0.9937496643	Yes	No	No	Yes	No	No	1
## 7127	0.9937496643	Yes	No	No	Yes	No	No	1

##	7128	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7129	0.1405876177	No	No	No	Yes	No	Yes	0
##	7130	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7131	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7132	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7133	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7134	0.1405876177	No	No	No	Yes	No	Yes	0
##	7135	0.0653881752	No	No	No	Yes	Yes	No	0
##	7136	0.1405876177	No	No	No	Yes	No	Yes	0
##	7137	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7138	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7139	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7140	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7141	0.9937496643	Yes	No	No	Yes	No	No	1
##	7142	0.0653881752	No	No	No	Yes	Yes	No	0
##	7143	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7144	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7145	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7146	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7147	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7148	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7149	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7150	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7151	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7152	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7153	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7154	0.0653881752	No	No	No	Yes	Yes	No	0
##	7155	0.9937496643	Yes	No	No	Yes	No	No	1
##	7156	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7157	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7158	0.9937496643	Yes	No	No	Yes	No	No	1
##	7159	0.0653881752	No	No	No	Yes	Yes	No	0
##	7160	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7161	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7162	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7163	0.0653881752	No	No	No	Yes	Yes	No	0
##	7164	0.9937496643	Yes	No	No	Yes	No	No	1
##	7165	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7166	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7167	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7168	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7169	0.9937496643	Yes	No	No	Yes	No	No	1
##	7170	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7171	0.0653881752	No	No	No	Yes	Yes	No	0
##	7172	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7173	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7174	0.1405876177	No	No	No	Yes	No	Yes	0
##	7175	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7176	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7177	0.1405876177	No	No	No	Yes	No	Yes	0
##	7178	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7179	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7180	0.9937496643	Yes	No	No	Yes	No	No	1
##	7181	0.9937496643	Yes	No	No	Yes	No	No	1

##	7182	0.0037470933	No	Yes	Yes	No	No	No	0
##	7183	0.1405876177	No	No	No	Yes	No	Yes	0
##	7184	0.0653881752	No	No	No	Yes	Yes	No	0
##	7185	0.9937496643	Yes	No	No	Yes	No	No	1
##	7186	0.0653881752	No	No	No	Yes	Yes	No	0
##	7187	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7188	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7189	0.1405876177	No	No	No	Yes	No	Yes	0
##	7190	0.9937496643	Yes	No	No	Yes	No	No	1
##	7191	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7192	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7193	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7194	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7195	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7196	0.0464345928	No	Yes	No	No	No	Yes	0
##	7197	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7198	0.9937496643	Yes	No	No	Yes	No	No	1
##	7199	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7200	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7201	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7202	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7203	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7204	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7205	0.0653881752	No	No	No	Yes	Yes	No	0
##	7206	0.1405876177	No	No	No	Yes	No	Yes	0
##	7207	0.9937496643	Yes	No	No	Yes	No	No	1
##	7208	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7209	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7210	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7211	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7212	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7213	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7214	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7215	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7216	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7217	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7218	0.0653881752	No	No	No	Yes	Yes	No	0
##	7219	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7220	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7221	0.0653881752	No	No	No	Yes	Yes	No	0
##	7222	0.1405876177	No	No	No	Yes	No	Yes	0
##	7223	0.0653881752	No	No	No	Yes	Yes	No	0
##	7224	0.9937496643	Yes	No	No	Yes	No	No	1
##	7225	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7226	0.9937496643	Yes	No	No	Yes	No	No	1
##	7227	0.0653881752	No	No	No	Yes	Yes	No	0
##	7228	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7229	0.1405876177	No	No	No	Yes	No	Yes	0
##	7230	0.0653881752	No	No	No	Yes	Yes	No	0
##	7231	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7232	0.0653881752	No	No	No	Yes	Yes	No	0
##	7233	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7234	0.1405876177	No	No	No	Yes	No	Yes	0
##	7235	0.0653881752	No	No	No	Yes	Yes	No	0



##	7236	0.1405876177	No	No	No	Yes	No	Yes	0
##	7237	0.0653881752	No	No	No	Yes	Yes	No	0
##	7238	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7239	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7240	0.1405876177	No	No	No	Yes	No	Yes	0
##	7241	0.9937496643	Yes	No	No	Yes	No	No	1
##	7242	0.9937496643	Yes	No	No	Yes	No	No	1
##	7243	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7244	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7245	0.1405876177	No	No	No	Yes	No	Yes	0
##	7246	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7247	0.1405876177	No	No	No	Yes	No	Yes	0
##	7248	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7249	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7250	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7251	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7252	0.1405876177	No	No	No	Yes	No	Yes	0
##	7253	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7254	0.1405876177	No	No	No	Yes	No	Yes	0
##	7255	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7256	0.0653881752	No	No	No	Yes	Yes	No	0
##	7257	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7258	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7259	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7260	0.9937496643	Yes	No	No	Yes	No	No	1
##	7261	0.0653881752	No	No	No	Yes	Yes	No	0
##	7262	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7263	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7264	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7265	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7266	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7267	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7268	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7269	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7270	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7271	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7272	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7273	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7274	0.0653881752	No	No	No	Yes	Yes	No	0
##	7275	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7276	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7277	0.0653881752	No	No	No	Yes	Yes	No	0
##	7278	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7279	0.0653881752	No	No	No	Yes	Yes	No	0
##	7280	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7281	0.0653881752	No	No	No	Yes	Yes	No	0
##	7282	0.1405876177	No	No	No	Yes	No	Yes	0
##	7283	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7284	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7285	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7286	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7287	0.9937496643	Yes	No	No	Yes	No	No	1
##	7288	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7289	0.9906614233	Yes	Yes	No	Yes	No	No	1

##	7290	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7291	0.1405876177	No	No	No	Yes	No	Yes	0
##	7292	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7293	0.0464345928	No	Yes	No	No	No	Yes	0
##	7294	0.0653881752	No	No	No	Yes	Yes	No	0
##	7295	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7296	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	7297	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7298	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7299	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7300	0.1405876177	No	No	No	Yes	No	Yes	0
##	7301	0.0056054790	No	No	Yes	No	No	No	0
##	7302	0.0653881752	No	No	No	Yes	Yes	No	0
##	7303	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7304	0.9937496643	Yes	No	No	Yes	No	No	1
##	7305	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7306	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7307	0.1405876177	No	No	No	Yes	No	Yes	0
##	7308	0.9937496643	Yes	No	No	Yes	No	No	1
##	7309	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7310	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7311	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7312	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7313	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7314	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7315	0.0653881752	No	No	No	Yes	Yes	No	0
##	7316	0.0653881752	No	No	No	Yes	Yes	No	0
##	7317	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7318	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7319	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7320	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7321	0.9937496643	Yes	No	No	Yes	No	No	1
##	7322	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7323	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7324	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7325	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7326	0.1405876177	No	No	No	Yes	No	Yes	0
##	7327	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7328	0.1405876177	No	No	No	Yes	No	Yes	0
##	7329	0.0653881752	No	No	No	Yes	Yes	No	0
##	7330	0.0653881752	No	No	No	Yes	Yes	No	0
##	7331	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7332	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7333	0.9937496643	Yes	No	No	Yes	No	No	1
##	7334	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7335	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7336	0.0653881752	No	No	No	Yes	Yes	No	0
##	7337	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7338	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7339	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7340	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7341	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7342	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7343	0.9823778145	Yes	Yes	No	Yes	No	Yes	1

##	7344	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7345	0.0653881752	No	No	No	Yes	Yes	No	0
##	7346	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7347	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7348	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7349	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7350	0.0653881752	No	No	No	Yes	Yes	No	0
##	7351	0.0653881752	No	No	No	Yes	Yes	No	0
##	7352	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7353	0.1405876177	No	No	No	Yes	No	Yes	0
##	7354	0.0037470933	No	Yes	Yes	No	No	No	0
##	7355	0.0653881752	No	No	No	Yes	Yes	No	0
##	7356	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7357	0.9937496643	Yes	No	No	Yes	No	No	1
##	7358	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7359	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7360	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7361	0.0056054790	No	No	Yes	No	No	No	0
##	7362	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7363	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7364	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7365	0.9937496643	Yes	No	No	Yes	No	No	1
##	7366	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7367	0.1405876177	No	No	No	Yes	No	Yes	0
##	7368	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	7369	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7370	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7371	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	7372	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7373	0.0653881752	No	No	No	Yes	Yes	No	0
##	7374	0.0653881752	No	No	No	Yes	Yes	No	0
##	7375	0.9937496643	Yes	No	No	Yes	No	No	1
##	7376	0.1405876177	No	No	No	Yes	No	Yes	0
##	7377	0.1405876177	No	No	No	Yes	No	Yes	0
##	7378	0.0056054790	No	No	Yes	No	No	No	0
##	7379	0.0653881752	No	No	No	Yes	Yes	No	0
##	7380	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7381	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7382	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7383	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7384	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7385	0.9937496643	Yes	No	No	Yes	No	No	1
##	7386	0.0653881752	No	No	No	Yes	Yes	No	0
##	7387	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7388	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7389	0.1405876177	No	No	No	Yes	No	Yes	0
##	7390	0.9937496643	Yes	No	No	Yes	No	No	1
##	7391	0.0653881752	No	No	No	Yes	Yes	No	0
##	7392	0.0653881752	No	No	No	Yes	Yes	No	0
##	7393	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7394	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7395	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7396	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7397	0.9881727171	Yes	No	No	Yes	No	Yes	1

## 7398	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7399	0.0653881752	No	No	No	Yes	Yes	No	0
## 7400	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7401	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7402	0.0984071858	No	Yes	No	Yes	No	Yes	1
## 7403	0.9937496643	Yes	No	No	Yes	No	No	1
## 7404	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7405	0.0653881752	No	No	No	Yes	Yes	No	0
## 7406	0.1405876177	No	No	No	Yes	No	Yes	0
## 7407	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7408	0.1405876177	No	No	No	Yes	No	Yes	0
## 7409	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7410	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7411	0.9937496643	Yes	No	No	Yes	No	No	1
## 7412	0.0653881752	No	No	No	Yes	Yes	No	0
## 7413	0.1405876177	No	No	No	Yes	No	Yes	0
## 7414	0.1405876177	No	No	No	Yes	No	Yes	0
## 7415	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7416	0.0124774614	No	No	Yes	Yes	No	No	0
## 7417	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7418	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7419	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7420	0.9937496643	Yes	No	No	Yes	No	No	1
## 7421	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7422	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7423	0.0056054790	No	No	Yes	No	No	No	0
## 7424	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7425	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7426	0.1405876177	No	No	No	Yes	No	Yes	0
## 7427	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7428	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7429	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7430	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7431	0.9937496643	Yes	No	No	Yes	No	No	1
## 7432	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7433	0.1405876177	No	No	No	Yes	No	Yes	0
## 7434	0.9937496643	Yes	No	No	Yes	No	No	1
## 7435	0.0653881752	No	No	No	Yes	Yes	No	0
## 7436	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7437	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7438	0.1405876177	No	No	No	Yes	No	Yes	0
## 7439	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7440	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7441	0.1405876177	No	No	No	Yes	No	Yes	0
## 7442	0.9937496643	Yes	No	No	Yes	No	No	1
## 7443	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7444	0.0037470933	No	Yes	Yes	No	No	No	0
## 7445	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7446	0.0653881752	No	No	No	Yes	Yes	No	0
## 7447	0.1405876177	No	No	No	Yes	No	Yes	0
## 7448	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7449	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7450	0.0848066290	No	Yes	No	No	No	No	0
## 7451	0.0445989433	No	Yes	No	Yes	Yes	No	0

##	7452	0.9937496643	Yes	No	No	Yes	No	No	1
##	7453	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7454	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7455	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7456	0.1405876177	No	No	No	Yes	No	Yes	0
##	7457	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7458	0.9937496643	Yes	No	No	Yes	No	No	1
##	7459	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7460	0.1405876177	No	No	No	Yes	No	Yes	0
##	7461	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7462	0.9937496643	Yes	No	No	Yes	No	No	1
##	7463	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7464	0.0653881752	No	No	No	Yes	Yes	No	0
##	7465	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7466	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7467	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7468	0.1405876177	No	No	No	Yes	No	Yes	0
##	7469	0.0653881752	No	No	No	Yes	Yes	No	0
##	7470	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7471	0.9937496643	Yes	No	No	Yes	No	No	1
##	7472	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7473	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7474	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7475	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7476	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7477	0.9937496643	Yes	No	No	Yes	No	No	1
##	7478	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7479	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7480	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7481	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7482	0.0124774614	No	No	Yes	Yes	No	No	0
##	7483	0.9937496643	Yes	No	No	Yes	No	No	1
##	7484	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	7485	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7486	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7487	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7488	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7489	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7490	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7491	0.1405876177	No	No	No	Yes	No	Yes	0
##	7492	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7493	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7494	0.9937496643	Yes	No	No	Yes	No	No	1
##	7495	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7496	0.9937496643	Yes	No	No	Yes	No	No	1
##	7497	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7498	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7499	0.0653881752	No	No	No	Yes	Yes	No	0
##	7500	0.0653881752	No	No	No	Yes	Yes	No	0
##	7501	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7502	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7503	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7504	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7505	0.9881727171	Yes	No	No	Yes	No	Yes	1

##	7506	0.9937496643	Yes	No	No	Yes	No	No	1
##	7507	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7508	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7509	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7510	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7511	0.1405876177	No	No	No	Yes	No	Yes	0
##	7512	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7513	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7514	0.0653881752	No	No	No	Yes	Yes	No	0
##	7515	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7516	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7517	0.1405876177	No	No	No	Yes	No	Yes	0
##	7518	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7519	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7520	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7521	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7522	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7523	0.1405876177	No	No	No	Yes	No	Yes	0
##	7524	0.1405876177	No	No	No	Yes	No	Yes	0
##	7525	0.0653881752	No	No	No	Yes	Yes	No	0
##	7526	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7527	0.1405876177	No	No	No	Yes	No	Yes	0
##	7528	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7529	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7530	0.0653881752	No	No	No	Yes	Yes	No	0
##	7531	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7532	0.1405876177	No	No	No	Yes	No	Yes	0
##	7533	0.0653881752	No	No	No	Yes	Yes	No	0
##	7534	0.1219459250	No	No	No	No	No	No	0
##	7535	0.0653881752	No	No	No	Yes	Yes	No	0
##	7536	0.0653881752	No	No	No	Yes	Yes	No	0
##	7537	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7538	0.1405876177	No	No	No	Yes	No	Yes	0
##	7539	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7540	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7541	0.0653881752	No	No	No	Yes	Yes	No	0
##	7542	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7543	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7544	0.1405876177	No	No	No	Yes	No	Yes	0
##	7545	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7546	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7547	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7548	0.1405876177	No	No	No	Yes	No	Yes	0
##	7549	0.0124774614	No	No	Yes	Yes	No	No	0
##	7550	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7551	0.0653881752	No	No	No	Yes	Yes	No	0
##	7552	0.9937496643	Yes	No	No	Yes	No	No	1
##	7553	0.0653881752	No	No	No	Yes	Yes	No	0
##	7554	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7555	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7556	0.1405876177	No	No	No	Yes	No	Yes	0
##	7557	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7558	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7559	0.1405876177	No	No	No	Yes	No	Yes	0

##	7560	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7561	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7562	0.1405876177	No	No	No	Yes	No	Yes	0
##	7563	0.9937496643	Yes	No	No	Yes	No	No	1
##	7564	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7565	0.0653881752	No	No	No	Yes	Yes	No	0
##	7566	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7567	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7568	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7569	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7570	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7571	0.1219459250	No	No	No	No	No	No	0
##	7572	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7573	0.9937496643	Yes	No	No	Yes	No	No	1
##	7574	0.0653881752	No	No	No	Yes	Yes	No	0
##	7575	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7576	0.9937496643	Yes	No	No	Yes	No	No	1
##	7577	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7578	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7579	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7580	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7581	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7582	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7583	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7584	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7585	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7586	0.0653881752	No	No	No	Yes	Yes	No	0
##	7587	0.0653881752	No	No	No	Yes	Yes	No	0
##	7588	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7589	0.9937496643	Yes	No	No	Yes	No	No	1
##	7590	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7591	0.0653881752	No	No	No	Yes	Yes	No	0
##	7592	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7593	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7594	0.0653881752	No	No	No	Yes	Yes	No	0
##	7595	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7596	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7597	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7598	0.0124774614	No	No	Yes	Yes	No	No	0
##	7599	0.9937496643	Yes	No	No	Yes	No	No	1
##	7600	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7601	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	7602	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7603	0.0056054790	No	No	Yes	No	No	No	0
##	7604	0.9937496643	Yes	No	No	Yes	No	No	1
##	7605	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7606	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7607	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7608	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7609	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7610	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7611	0.0653881752	No	No	No	Yes	Yes	No	0
##	7612	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7613	0.1405876177	No	No	No	Yes	No	Yes	0

##	7614	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7615	0.9937496643	Yes	No	No	Yes	No	No	1
##	7616	0.0653881752	No	No	No	Yes	Yes	No	0
##	7617	0.9937496643	Yes	No	No	Yes	No	No	1
##	7618	0.1405876177	No	No	No	Yes	No	Yes	0
##	7619	0.9937496643	Yes	No	No	Yes	No	No	1
##	7620	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7621	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7622	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7623	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7624	0.0653881752	No	No	No	Yes	Yes	No	0
##	7625	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7626	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7627	0.0653881752	No	No	No	Yes	Yes	No	0
##	7628	0.1405876177	No	No	No	Yes	No	Yes	0
##	7629	0.9937496643	Yes	No	No	Yes	No	No	1
##	7630	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7631	0.1405876177	No	No	No	Yes	No	Yes	0
##	7632	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7633	0.0653881752	No	No	No	Yes	Yes	No	0
##	7634	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7635	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7636	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7637	0.1405876177	No	No	No	Yes	No	Yes	0
##	7638	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7639	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7640	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7641	0.0653881752	No	No	No	Yes	Yes	No	0
##	7642	0.0653881752	No	No	No	Yes	Yes	No	0
##	7643	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7644	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7645	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7646	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7647	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7648	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7649	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7650	0.0653881752	No	No	No	Yes	Yes	No	0
##	7651	0.0653881752	No	No	No	Yes	Yes	No	0
##	7652	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7653	0.1405876177	No	No	No	Yes	No	Yes	0
##	7654	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7655	0.9937496643	Yes	No	No	Yes	No	No	1
##	7656	0.9937496643	Yes	No	No	Yes	No	No	1
##	7657	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7658	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7659	0.1405876177	No	No	No	Yes	No	Yes	0
##	7660	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7661	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7662	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7663	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7664	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7665	0.1405876177	No	No	No	Yes	No	Yes	0
##	7666	0.1405876177	No	No	No	Yes	No	Yes	0
##	7667	0.9906614233	Yes	Yes	No	Yes	No	No	1



##	7668	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7669	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7670	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7671	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7672	0.0653881752	No	No	No	Yes	Yes	No	0
##	7673	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7674	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	7675	0.1405876177	No	No	No	Yes	No	Yes	0
##	7676	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7677	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7678	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7679	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7680	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7681	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7682	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7683	0.0653881752	No	No	No	Yes	Yes	No	0
##	7684	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7685	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7686	0.0653881752	No	No	No	Yes	Yes	No	0
##	7687	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7688	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7689	0.1405876177	No	No	No	Yes	No	Yes	0
##	7690	0.1405876177	No	No	No	Yes	No	Yes	0
##	7691	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7692	0.9937496643	Yes	No	No	Yes	No	No	1
##	7693	0.1405876177	No	No	No	Yes	No	Yes	0
##	7694	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7695	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7696	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7697	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7698	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7699	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7700	0.1405876177	No	No	No	Yes	No	Yes	0
##	7701	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7702	0.1405876177	No	No	No	Yes	No	Yes	0
##	7703	0.0848066290	No	Yes	No	No	No	No	0
##	7704	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7705	0.0056054790	No	No	Yes	No	No	No	0
##	7706	0.0124774614	No	No	Yes	Yes	No	No	0
##	7707	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	7708	0.9937496643	Yes	No	No	Yes	No	No	1
##	7709	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7710	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7711	0.1405876177	No	No	No	Yes	No	Yes	0
##	7712	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7713	0.0653881752	No	No	No	Yes	Yes	No	0
##	7714	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7715	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7716	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7717	0.1405876177	No	No	No	Yes	No	Yes	0
##	7718	0.0464345928	No	Yes	No	No	No	Yes	0
##	7719	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7720	0.9937496643	Yes	No	No	Yes	No	No	1
##	7721	0.0653881752	No	No	No	Yes	Yes	No	0

##	7722	0.0083599596	No	Yes	Yes	Yes	No	No	0
##	7723	0.9937496643	Yes	No	No	Yes	No	No	1
##	7724	0.1405876177	No	No	No	Yes	No	Yes	0
##	7725	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7726	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7727	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7728	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7729	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7730	0.1405876177	No	No	No	Yes	No	Yes	0
##	7731	0.9937496643	Yes	No	No	Yes	No	No	1
##	7732	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7733	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7734	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7735	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7736	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7737	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7738	0.1405876177	No	No	No	Yes	No	Yes	0
##	7739	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7740	0.0984071858	No	Yes	No	Yes	No	Yes	1
##	7741	0.0653881752	No	No	No	Yes	Yes	No	0
##	7742	0.1405876177	No	No	No	Yes	No	Yes	0
##	7743	0.9937496643	Yes	No	No	Yes	No	No	1
##	7744	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7745	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7746	0.1405876177	No	No	No	Yes	No	Yes	0
##	7747	0.0653881752	No	No	No	Yes	Yes	No	0
##	7748	0.0653881752	No	No	No	Yes	Yes	No	0
##	7749	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7750	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7751	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7752	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7753	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7754	0.0653881752	No	No	No	Yes	Yes	No	0
##	7755	0.9937496643	Yes	No	No	Yes	No	No	1
##	7756	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7757	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7758	0.9937496643	Yes	No	No	Yes	No	No	1
##	7759	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7760	0.1405876177	No	No	No	Yes	No	Yes	0
##	7761	0.9937496643	Yes	No	No	Yes	No	No	1
##	7762	0.0653881752	No	No	No	Yes	Yes	No	0
##	7763	0.1405876177	No	No	No	Yes	No	Yes	0
##	7764	0.0653881752	No	No	No	Yes	Yes	No	0
##	7765	0.9937496643	Yes	No	No	Yes	No	No	1
##	7766	0.1405876177	No	No	No	Yes	No	Yes	0
##	7767	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7768	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7769	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7770	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7771	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7772	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7773	0.0653881752	No	No	No	Yes	Yes	No	0
##	7774	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7775	0.9937496643	Yes	No	No	Yes	No	No	1

## 7776	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7777	0.0653881752	No	No	No	Yes	Yes	No	0
## 7778	0.0653881752	No	No	No	Yes	Yes	No	0
## 7779	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7780	0.0680185715	No	No	No	No	No	Yes	0
## 7781	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7782	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7783	0.1405876177	No	No	No	Yes	No	Yes	0
## 7784	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7785	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7786	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7787	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7788	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7789	0.1405876177	No	No	No	Yes	No	Yes	0
## 7790	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7791	0.0653881752	No	No	No	Yes	Yes	No	0
## 7792	0.1405876177	No	No	No	Yes	No	Yes	0
## 7793	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7794	0.9937496643	Yes	No	No	Yes	No	No	1
## 7795	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7796	0.0653881752	No	No	No	Yes	Yes	No	0
## 7797	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7798	0.0653881752	No	No	No	Yes	Yes	No	0
## 7799	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7800	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7801	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7802	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7803	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7804	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7805	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7806	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7807	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7808	0.1405876177	No	No	No	Yes	No	Yes	0
## 7809	0.9937496643	Yes	No	No	Yes	No	No	1
## 7810	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7811	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7812	0.1405876177	No	No	No	Yes	No	Yes	0
## 7813	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7814	0.1405876177	No	No	No	Yes	No	Yes	0
## 7815	0.0653881752	No	No	No	Yes	Yes	No	0
## 7816	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7817	0.9937496643	Yes	No	No	Yes	No	No	1
## 7818	0.0653881752	No	No	No	Yes	Yes	No	0
## 7819	0.0653881752	No	No	No	Yes	Yes	No	0
## 7820	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7821	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7822	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7823	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7824	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7825	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7826	0.1405876177	No	No	No	Yes	No	Yes	0
## 7827	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7828	0.9937496643	Yes	No	No	Yes	No	No	1
## 7829	0.1405876177	No	No	No	Yes	No	Yes	0

##	7830	0.1405876177	No	No	No	Yes	No	Yes	0
##	7831	0.0653881752	No	No	No	Yes	Yes	No	0
##	7832	0.1405876177	No	No	No	Yes	No	Yes	0
##	7833	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7834	0.1405876177	No	No	No	Yes	No	Yes	0
##	7835	0.1405876177	No	No	No	Yes	No	Yes	0
##	7836	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7837	0.1405876177	No	No	No	Yes	No	Yes	0
##	7838	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7839	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7840	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7841	0.1405876177	No	No	No	Yes	No	Yes	0
##	7842	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7843	0.0653881752	No	No	No	Yes	Yes	No	0
##	7844	0.0653881752	No	No	No	Yes	Yes	No	0
##	7845	0.1405876177	No	No	No	Yes	No	Yes	0
##	7846	0.1405876177	No	No	No	Yes	No	Yes	0
##	7847	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7848	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7849	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7850	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7851	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7852	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7853	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7854	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7855	0.0653881752	No	No	No	Yes	Yes	No	0
##	7856	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7857	0.9937496643	Yes	No	No	Yes	No	No	1
##	7858	0.9937496643	Yes	No	No	Yes	No	No	1
##	7859	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7860	0.1405876177	No	No	No	Yes	No	Yes	0
##	7861	0.0653881752	No	No	No	Yes	Yes	No	0
##	7862	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7863	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7864	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7865	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7866	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7867	0.1405876177	No	No	No	Yes	No	Yes	0
##	7868	0.0653881752	No	No	No	Yes	Yes	No	0
##	7869	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7870	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7871	0.0653881752	No	No	No	Yes	Yes	No	0
##	7872	0.1405876177	No	No	No	Yes	No	Yes	0
##	7873	0.0653881752	No	No	No	Yes	Yes	No	0
##	7874	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7875	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	7876	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7877	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7878	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7879	0.1405876177	No	No	No	Yes	No	Yes	0
##	7880	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7881	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7882	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7883	0.0445989433	No	Yes	No	Yes	Yes	No	0

## 7884	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7885	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7886	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7887	0.1405876177	No	No	No	Yes	No	Yes	0
## 7888	0.0464345928	No	Yes	No	No	No	Yes	0
## 7889	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7890	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7891	0.0653881752	No	No	No	Yes	Yes	No	0
## 7892	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7893	0.9937496643	Yes	No	No	Yes	No	No	1
## 7894	0.1405876177	No	No	No	Yes	No	Yes	0
## 7895	0.0653881752	No	No	No	Yes	Yes	No	0
## 7896	0.0653881752	No	No	No	Yes	Yes	No	0
## 7897	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7898	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7899	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 7900	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7901	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7902	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7903	0.9937496643	Yes	No	No	Yes	No	No	1
## 7904	0.9937496643	Yes	No	No	Yes	No	No	1
## 7905	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7906	0.1405876177	No	No	No	Yes	No	Yes	0
## 7907	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7908	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7909	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7910	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7911	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7912	0.1405876177	No	No	No	Yes	No	Yes	0
## 7913	0.0653881752	No	No	No	Yes	Yes	No	0
## 7914	0.1405876177	No	No	No	Yes	No	Yes	0
## 7915	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7916	0.1405876177	No	No	No	Yes	No	Yes	0
## 7917	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7918	0.9937496643	Yes	No	No	Yes	No	No	1
## 7919	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7920	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 7921	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7922	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7923	0.1405876177	No	No	No	Yes	No	Yes	0
## 7924	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7925	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7926	0.9937496643	Yes	No	No	Yes	No	No	1
## 7927	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7928	0.1405876177	No	No	No	Yes	No	Yes	0
## 7929	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7930	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7931	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7932	0.1219459250	No	No	No	No	No	No	0
## 7933	0.9937496643	Yes	No	No	Yes	No	No	1
## 7934	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7935	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7936	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7937	0.9881727171	Yes	No	No	Yes	No	Yes	1

## 7938	0.1405876177	No	No	No	Yes	No	Yes	0
## 7939	0.0653881752	No	No	No	Yes	Yes	No	0
## 7940	0.1405876177	No	No	No	Yes	No	Yes	0
## 7941	0.0037470933	No	Yes	Yes	No	No	No	0
## 7942	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7943	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7944	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7945	0.1405876177	No	No	No	Yes	No	Yes	0
## 7946	0.1405876177	No	No	No	Yes	No	Yes	0
## 7947	0.0083599596	No	Yes	Yes	Yes	No	No	0
## 7948	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7949	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7950	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7951	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7952	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7953	0.0124774614	No	No	Yes	Yes	No	No	0
## 7954	0.1405876177	No	No	No	Yes	No	Yes	0
## 7955	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7956	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7957	0.1405876177	No	No	No	Yes	No	Yes	0
## 7958	0.1405876177	No	No	No	Yes	No	Yes	0
## 7959	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7960	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7961	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7962	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7963	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7964	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7965	0.1405876177	No	No	No	Yes	No	Yes	0
## 7966	0.0037470933	No	Yes	Yes	No	No	No	0
## 7967	0.0653881752	No	No	No	Yes	Yes	No	0
## 7968	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7969	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7970	0.9937496643	Yes	No	No	Yes	No	No	1
## 7971	0.1405876177	No	No	No	Yes	No	Yes	0
## 7972	0.1405876177	No	No	No	Yes	No	Yes	0
## 7973	0.0653881752	No	No	No	Yes	Yes	No	0
## 7974	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7975	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7976	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7977	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 7978	0.1405876177	No	No	No	Yes	No	Yes	0
## 7979	0.9906614233	Yes	Yes	No	Yes	No	No	1
## 7980	0.1405876177	No	No	No	Yes	No	Yes	0
## 7981	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7982	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 7983	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7984	0.0653881752	No	No	No	Yes	Yes	No	0
## 7985	0.0680185715	No	No	No	No	No	Yes	0
## 7986	0.1405876177	No	No	No	Yes	No	Yes	0
## 7987	0.0848066290	No	Yes	No	No	No	No	0
## 7988	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 7989	0.1405876177	No	No	No	Yes	No	Yes	0
## 7990	0.9937496643	Yes	No	No	Yes	No	No	1
## 7991	0.9906614233	Yes	Yes	No	Yes	No	No	1

##	7992	0.0653881752	No	No	No	Yes	Yes	No	0
##	7993	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	7994	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	7995	0.1405876177	No	No	No	Yes	No	Yes	0
##	7996	0.9937496643	Yes	No	No	Yes	No	No	1
##	7997	0.1405876177	No	No	No	Yes	No	Yes	0
##	7998	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	7999	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	8000	0.1405876177	No	No	No	Yes	No	Yes	0
##	8001	0.1405876177	No	No	No	Yes	No	Yes	0
##	8002	0.0848066290	No	Yes	No	No	No	No	0
##	8003	0.0653881752	No	No	No	Yes	Yes	No	0
##	8004	0.1405876177	No	No	No	Yes	No	Yes	0
##	8005	0.9937496643	Yes	No	No	Yes	No	No	1
##	8006	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	8007	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	8008	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	8009	0.9937496643	Yes	No	No	Yes	No	No	1
##	8010	0.1405876177	No	No	No	Yes	No	Yes	0
##	8011	0.1405876177	No	No	No	Yes	No	Yes	0
##	8012	0.1405876177	No	No	No	Yes	No	Yes	0
##	8013	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	8014	0.1405876177	No	No	No	Yes	No	Yes	0
##	8015	0.0653881752	No	No	No	Yes	Yes	No	0
##	8016	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	8017	0.9937496643	Yes	No	No	Yes	No	No	1
##	8018	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	8019	0.0653881752	No	No	No	Yes	Yes	No	0
##	8020	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	8021	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	8022	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	8023	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	8024	0.9937496643	Yes	No	No	Yes	No	No	1
##	8025	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	8026	0.1405876177	No	No	No	Yes	No	Yes	0
##	8027	0.1405876177	No	No	No	Yes	No	Yes	0
##	8028	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	8029	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	8030	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	8031	0.0653881752	No	No	No	Yes	Yes	No	0
##	8032	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	8033	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	8034	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	8035	0.1405876177	No	No	No	Yes	No	Yes	0
##	8036	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	8037	0.1405876177	No	No	No	Yes	No	Yes	0
##	8038	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	8039	0.0037470933	No	Yes	Yes	No	No	No	0
##	8040	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	8041	0.1405876177	No	No	No	Yes	No	Yes	0
##	8042	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	8043	0.1405876177	No	No	No	Yes	No	Yes	0
##	8044	0.1405876177	No	No	No	Yes	No	Yes	0
##	8045	0.1405876177	No	No	No	Yes	No	Yes	0

##	8046	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	8047	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	8048	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	8049	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	8050	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	8051	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	8052	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	8053	0.1405876177	No	No	No	Yes	No	Yes	0
##	8054	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	8055	0.1405876177	No	No	No	Yes	No	Yes	0
##	8056	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	8057	0.1405876177	No	No	No	Yes	No	Yes	0
##	8058	0.1405876177	No	No	No	Yes	No	Yes	0
##	8059	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	8060	0.9937496643	Yes	No	No	Yes	No	No	1
##	8061	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	8062	0.9937496643	Yes	No	No	Yes	No	No	1
##	8063	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	8064	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	8065	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	8066	0.1405876177	No	No	No	Yes	No	Yes	0
##	8067	0.9937496643	Yes	No	No	Yes	No	No	1
##	8068	0.1405876177	No	No	No	Yes	No	Yes	0
##	8069	0.1405876177	No	No	No	Yes	No	Yes	0
##	8070	0.1405876177	No	No	No	Yes	No	Yes	0
##	8071	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	8072	0.1405876177	No	No	No	Yes	No	Yes	0
##	8073	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	8074	0.1405876177	No	No	No	Yes	No	Yes	0
##	8075	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	8076	0.1405876177	No	No	No	Yes	No	Yes	0
##	8077	0.1405876177	No	No	No	Yes	No	Yes	0
##	8078	0.1405876177	No	No	No	Yes	No	Yes	0
##	8079	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	8080	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	8081	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	8082	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	8083	0.9937496643	Yes	No	No	Yes	No	No	1
##	8084	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	8085	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	8086	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	8087	0.1405876177	No	No	No	Yes	No	Yes	0
##	8088	0.9937496643	Yes	No	No	Yes	No	No	1
##	8089	0.1405876177	No	No	No	Yes	No	Yes	0
##	8090	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	8091	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	8092	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	8093	0.9906614233	Yes	Yes	No	Yes	No	No	1
##	8094	0.9881727171	Yes	No	No	Yes	No	Yes	1
##	8095	0.0653881752	No	No	No	Yes	Yes	No	0
##	8096	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	8097	0.0445989433	No	Yes	No	Yes	Yes	No	0
##	8098	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
##	8099	0.9881727171	Yes	No	No	Yes	No	Yes	1



## 8100	0.0445989433	No	Yes	No	Yes	Yes	No	0
## 8101	0.1405876177	No	No	No	Yes	No	Yes	0
## 8102	0.9937496643	Yes	No	No	Yes	No	No	1
## 8103	0.1405876177	No	No	No	Yes	No	Yes	0
## 8104	0.1405876177	No	No	No	Yes	No	Yes	0
## 8105	0.1405876177	No	No	No	Yes	No	Yes	0
## 8106	0.1405876177	No	No	No	Yes	No	Yes	0
## 8107	0.1405876177	No	No	No	Yes	No	Yes	0
## 8108	0.1405876177	No	No	No	Yes	No	Yes	0
## 8109	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 8110	0.0653881752	No	No	No	Yes	Yes	No	0
## 8111	0.1405876177	No	No	No	Yes	No	Yes	0
## 8112	0.0653881752	No	No	No	Yes	Yes	No	0
## 8113	0.1405876177	No	No	No	Yes	No	Yes	0
## 8114	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 8115	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 8116	0.1405876177	No	No	No	Yes	No	Yes	0
## 8117	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 8118	0.9881727171	Yes	No	No	Yes	No	Yes	1
## 8119	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 8120	0.1405876177	No	No	No	Yes	No	Yes	0
## 8121	0.1405876177	No	No	No	Yes	No	Yes	0
## 8122	0.1405876177	No	No	No	Yes	No	Yes	0
## 8123	0.9823778145	Yes	Yes	No	Yes	No	Yes	1
## 8124	0.1405876177	No	No	No	Yes	No	Yes	0

**Further Questions**      To further this study—and to aid me as my mushroom knowledge grows—I would like to create a slightly more complex model that utilizes some of the other more “technical” variables that we originally disregard. Furthermore, I would like to study the telling qualities of mushrooms that determine whether or not it is psychedelic so I can avoid them in my hunts (or not depending on the day...). Also, given the fact that this model is not perfect, another goal of mine would be to sharpen it in order for it to be more accurate.