SCHw2

R26131133

Data

```
data = read.csv("primary_data.csv",sep=";")
data$class <- factor(data$class, levels = c("e","p"), labels = c("edibile", "poisonous"))
head(data)
```

```
          family               name     class cap.diameter cap.shape Cap.surface
1 Amanita Family         Fly Agaric poisonous     [10, 20]    [x, f]      [g, h]
2 Amanita Family        Panther Cap poisonous      [5, 10]    [p, x]         [g]
3 Amanita Family False Panther Cap poisonous     [10, 15]    [x, f]
4 Amanita Family        The Blusher   edibile      [5, 15]    [x, f]
5 Amanita Family          Death Cap poisonous      [5, 12]    [x, f]         [h]
6 Amanita Family  False Death Cap   edibile       [4, 9]       [x]
  cap.color does.bruise.or.bleed gill.attachment gill.spacing gill.color
1    [e, o]                  [f]             [e]                     [w]
2       [n]                  [f]             [e]                     [w]
3    [g, n]                  [f]             [e]                     [w]
4       [n]                  [t]                                     [w]
5       [r]                  [f]                           [c]       [w]
6    [w, y]                  [f]             [e]                     [w]
  stem.height stem.width stem.root stem.surface stem.color veil.type veil.color
1    [15, 20]   [15, 20]       [s]          [y]        [w]       [u]        [w]
2     [6, 10]   [10, 20]                     [y]        [w]       [u]        [w]
3    [10, 12]   [10, 20]                                [w]       [u]        [w]
4     [7, 15]   [10, 25]       [b]                      [w]       [u]        [w]
5    [10, 12]   [10, 20]                                [w]       [u]        [w]
6      [5, 7]   [10, 15]       [b]                   [w, y]       [u]     [y, w]
  has.ring ring.type Spore.print.color habitat    season
1      [t]    [g, p]                       [d] [u, a, w]
2      [t]       [p]                       [d]    [u, a]
```

```
3      [t]     [e, g]                    [d]     [u, a]
4      [t]        [g]                    [d]     [u, a]
5      [t]     [g, p]                    [d]     [u, a]
6      [t]        [g]                    [d]     [u, a]
```

`str(data)`

```
'data.frame':    173 obs. of  23 variables:
 $ family              : chr  "Amanita Family" "Amanita Family" "Amanita Family" "Amanita Fa
 $ name                : chr  "Fly Agaric" "Panther Cap" "False Panther Cap" "The Blusher" .
 $ class               : Factor w/ 2 levels "edibile","poisonous": 2 2 2 1 2 1 2 1 1 1 ...
 $ cap.diameter        : chr  "[10, 20]" "[5, 10]" "[10, 15]" "[5, 15]" ...
 $ cap.shape           : chr  "[x, f]" "[p, x]" "[x, f]" "[x, f]" ...
 $ Cap.surface         : chr  "[g, h]" "[g]" "" "" ...
 $ cap.color           : chr  "[e, o]" "[n]" "[g, n]" "[n]" ...
 $ does.bruise.or.bleed: chr  "[f]" "[f]" "[f]" "[t]" ...
 $ gill.attachment     : chr  "[e]" "[e]" "[e]" "" ...
 $ gill.spacing        : chr  "" "" "" "" ...
 $ gill.color          : chr  "[w]" "[w]" "[w]" "[w]" ...
 $ stem.height         : chr  "[15, 20]" "[6, 10]" "[10, 12]" "[7, 15]" ...
 $ stem.width          : chr  "[15, 20]" "[10, 20]" "[10, 20]" "[10, 25]" ...
 $ stem.root           : chr  "[s]" "" "" "[b]" ...
 $ stem.surface        : chr  "[y]" "[y]" "" "" ...
 $ stem.color          : chr  "[w]" "[w]" "[w]" "[w]" ...
 $ veil.type           : chr  "[u]" "[u]" "[u]" "[u]" ...
 $ veil.color          : chr  "[w]" "[w]" "[w]" "[w]" ...
 $ has.ring            : chr  "[t]" "[t]" "[t]" "[t]" ...
 $ ring.type           : chr  "[g, p]" "[p]" "[e, g]" "[g]" ...
 $ Spore.print.color   : chr  "" "" "" "" ...
 $ habitat             : chr  "[d]" "[d]" "[d]" "[d]" ...
 $ season              : chr  "[u, a, w]" "[u, a]" "[u, a]" "[u, a]" ...
```

Summary

`latex(describe(data), file="")`

data
23 Variables   **173 Observations**

2

family

	n	missing	distinct
	173	0	23

```
lowest : Amanita Family     Bolbitius Family  Bolete Family    Bracket Fungi     Chanterelle Family
highest: Russula Family     Saddle-Cup Family Stropharia Family Tricholoma Family Wax Gill Family
```

name

	n	missing	distinct
	173	0	173

```
lowest : Amethyst Deceiver      Aniseed Funnel Cap     Apricot Fungus         Bare-toothed Russula  Bay Bolete
highest: Yellow-gilled Russula  Yellow-staining Mushroom Yellow-stemmed Bell Cap Yellow Swamp Russula  Yellow Wax cap
```

class

	n	missing	distinct
	173	0	2

Value	edibile	poisonous
Frequency	77	96
Proportion	0.445	0.555

cap.diameter

	n	missing	distinct
	173	0	51

```
lowest : [0.4, 1]   [0.5, 1.5] [0.5, 1]   [0.7, 1.3] [1, 1.5]
highest: [8, 14]    [8, 15]    [8, 20]    [8, 25]    [8, 30]
```

cap.shape

	n	missing	distinct
	173	0	27

```
lowest : [b, f, s] [b, f]    [b, x, f] [b, x]    [b]
highest: [x, f]    [x, o]    [x, p]    [x, s]    [x]
```

Cap.surface

	n	missing	distinct
	133	40	40

```
lowest : [d, e, y, i] [d, k, s] [d, k]    [d, s]    [d]
highest: [t]          [w, t]    [w]       [y, s]    [y]
```

cap.color

n	missing	distinct
173	0	67

```
lowest : [b, p, e, y]    [b, u]       [b]        [e, n, p, w]  [e, n, y]
highest: [y, n]          [y, o, g, n, r] [y, o, r, n]  [y, o]        [y]
```

does.bruise.or.bleed

n	missing	distinct
173	0	2

```
Value        [f]   [t]
Frequency    143    30
Proportion 0.827 0.173
```

gill.attachment

n	missing	distinct
145	28	8

```
Value      [a, d]    [a]    [d]    [e]    [f]    [p]    [s]    [x]
Frequency       8     32     25     16     10     17     16     21
Proportion  0.055  0.221  0.172  0.110  0.069  0.117  0.110  0.145
```

gill.spacing

n	missing	distinct
102	71	3

```
Value        [c]   [d]   [f]
Frequency     70    22    10
Proportion 0.686 0.216 0.098
```

gill.color

n	missing	distinct
173	0	59

```
lowest : [b, p, w] [b, u]    [b]        [e]        [f]
highest: [y, o, e] [y, r, k] [y, r]     [y, w]     [y]
```

stem.height

n	missing	distinct
173	0	46

```
lowest : [0]      [1, 2]   [1, 3]   [10, 12] [10, 15], highest: [8, 12]  [8, 15]  [8, 20]  [8, 25]  [8, 30]
```

stem.width

n	missing	distinct
173	0	48

```
lowest : [0.5, 1] [0]      [1, 2]   [1, 3]   [1]      , highest: [7, 15]  [8, 12]  [8, 15]  [8, 18]  [8, 20]
```

stem.root

	n	missing	distinct
	27	146	5

```
Value           [b]   [c]   [f]   [r]   [s]
Frequency         9     2     3     4     9
Proportion    0.333 0.074 0.111 0.148 0.333
```

stem.surface

	n	missing	distinct
	65	108	14

```
Value           [f]   [g]   [h] [i, s] [i, t] [i, y]   [i] [k, s]   [k] [s, h]   [s]   [t]
Frequency         3     5     1      1      1      1    11      1     4      1    15     7
Proportion    0.046 0.077 0.015  0.015  0.015  0.015 0.169  0.015 0.062  0.015 0.231 0.108

Value        [y, s]   [y]
Frequency         1    13
Proportion    0.015 0.200
```

stem.color

	n	missing	distinct
	173	0	41

```
lowest : [b, u]    [e, n]    [e, u, y] [e, y]    [e]
highest: [w]       [y, e, n] [y, n]    [y, o, k] [y]
```

veil.type

	n	missing	distinct	value
	9	164	1	[u]

```
Value        [u]
Frequency      9
Proportion     1
```

veil.color

	n	missing	distinct
	21	152	7

```
Value        [e, n]   [k]   [n]   [u]   [w] [y, w]   [y]
Frequency         1     1     1     1    15      1     1
Proportion    0.048 0.048 0.048 0.048 0.714  0.048 0.048
```

has.ring

	n	missing	distinct
	173	0	2

```
Value         [f]   [t]
Frequency     130    43
Proportion  0.751 0.249
```

ring.type

n	missing	distinct
166	7	13

```
Value       [e, g]     [e]     [f] [g, p]    [g] [l, e] [l, p] [l, r]    [l]    [m]    [p]    [r]
Frequency        1       6     137       2      2      1      1      2      2      1      2      3
Proportion   0.006   0.036   0.825   0.012  0.012  0.006  0.006  0.012  0.012  0.006  0.012  0.018

Value          [z]
Frequency        6
Proportion   0.036
```

Spore.print.color

n	missing	distinct
18	155	8

```
Value          [g] [k, r] [k, u]     [k]    [n] [p, w]    [p]    [w]
Frequency        1      1      1       5      3      1      3      3
Proportion   0.056  0.056  0.056   0.278  0.167  0.056  0.167  0.167
```

habitat

n	missing	distinct
173	0	21

```
lowest : [d, h]    [d]       [g, d, h] [g, d]    [g, h, d]
highest: [m, d]    [m, h]    [m]       [p, d]    [w]
```

season

n	missing	distinct
173	0	10

```
Value          [a, w]         [a]  [s, a, w] [s, u, a, w]    [s, u, a]       [s, u]
Frequency          15          16          1          13            5            3
Proportion      0.087       0.092      0.006       0.075        0.029        0.017

Value             [s]   [u, a, w]     [u, a]         [u]
Frequency           1          12        106           1
Proportion      0.006       0.069      0.613       0.006
```

Table1

```
table1(~. -name| class, data = data)
```

Get nicer `table1` LaTeX output by simply installing the `kableExtra` package

	edibile	poisonous	Overall
	(N=77)	(N=96)	(N=173)
family			
Amanita Family	3 (3.9%)	5 (5.2%)	8 (4.6%)
Bolbitius Family	1 (1.3%)	2 (2.1%)	3 (1.7%)
Bolete Family	11 (14.3%)	3 (3.1%)	14 (8.1%)
Bracket Fungi	1 (1.3%)	6 (6.3%)	7 (4.0%)
Chanterelle Family	3 (3.9%)	0 (0%)	3 (1.7%)
Entoloma Family	1 (1.3%)	6 (6.3%)	7 (4.0%)
Hydnum Family	1 (1.3%)	0 (0%)	1 (0.6%)
Ink Cap Family	6 (7.8%)	7 (7.3%)	13 (7.5%)
Lepiota Family	2 (2.6%)	1 (1.0%)	3 (1.7%)
Morel Family	1 (1.3%)	0 (0%)	1 (0.6%)
Mushroom Family	4 (5.2%)	1 (1.0%)	5 (2.9%)
Oyster Mushroom Family	2 (2.6%)	0 (0%)	2 (1.2%)
Pluteus Family	2 (2.6%)	0 (0%)	2 (1.2%)
Russula Family	11 (14.3%)	16 (16.7%)	27 (15.6%)
Stropharia Family	1 (1.3%)	7 (7.3%)	8 (4.6%)
Tricholoma Family	23 (29.9%)	20 (20.8%)	43 (24.9%)
Wax Gill Family	4 (5.2%)	4 (4.2%)	8 (4.6%)
Cortinarius Family	0 (0%)	11 (11.5%)	11 (6.4%)
Crepidotus Family	0 (0%)	1 (1.0%)	1 (0.6%)
Ear-Pick Family	0 (0%)	1 (1.0%)	1 (0.6%)
Jelly Discs Family	0 (0%)	1 (1.0%)	1 (0.6%)
Paxillus Family	0 (0%)	3 (3.1%)	3 (1.7%)
Saddle-Cup Family	0 (0%)	1 (1.0%)	1 (0.6%)
cap.diameter			
[0.5, 1.5]	2 (2.6%)	1 (1.0%)	3 (1.7%)
[1, 2]	3 (3.9%)	4 (4.2%)	7 (4.0%)
[1, 4]	2 (2.6%)	2 (2.1%)	4 (2.3%)
[10, 25]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[12, 18]	1 (1.3%)	0 (0%)	1 (0.6%)
[12, 25]	1 (1.3%)	0 (0%)	1 (0.6%)
[2, 10]	1 (1.3%)	0 (0%)	1 (0.6%)
[2, 4]	1 (1.3%)	7 (7.3%)	8 (4.6%)
[2, 5]	7 (9.1%)	9 (9.4%)	16 (9.2%)
[2, 6]	2 (2.6%)	8 (8.3%)	10 (5.8%)
[2, 7]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[2, 8]	1 (1.3%)	0 (0%)	1 (0.6%)
[3, 10]	4 (5.2%)	1 (1.0%)	5 (2.9%)
[3, 5]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[3, 6]	4 (5.2%)	2 (2.1%)	6 (3.5%)

	edibile	poisonous	Overall
[3, 7]	1 (1.3%)	3 (3.1%)	4 (2.3%)
[3, 8]	2 (2.6%)	4 (4.2%)	6 (3.5%)
[4, 10]	4 (5.2%)	4 (4.2%)	8 (4.6%)
[4, 12]	3 (3.9%)	2 (2.1%)	5 (2.9%)
[4, 8]	5 (6.5%)	4 (4.2%)	9 (5.2%)
[4, 9]	2 (2.6%)	1 (1.0%)	3 (1.7%)
[5, 10]	4 (5.2%)	8 (8.3%)	12 (6.9%)
[5, 12]	3 (3.9%)	3 (3.1%)	6 (3.5%)
[5, 15]	7 (9.1%)	1 (1.0%)	8 (4.6%)
[5, 18]	1 (1.3%)	0 (0%)	1 (0.6%)
[5, 20]	1 (1.3%)	0 (0%)	1 (0.6%)
[50]	1 (1.3%)	0 (0%)	1 (0.6%)
[6, 10]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[6, 12]	2 (2.6%)	3 (3.1%)	5 (2.9%)
[6, 14]	1 (1.3%)	0 (0%)	1 (0.6%)
[7, 15]	2 (2.6%)	1 (1.0%)	3 (1.7%)
[8, 12]	1 (1.3%)	0 (0%)	1 (0.6%)
[8, 15]	1 (1.3%)	0 (0%)	1 (0.6%)
[8, 20]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[8, 25]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[8, 30]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[0.4, 1]	0 (0%)	2 (2.1%)	2 (1.2%)
[0.5, 1]	0 (0%)	1 (1.0%)	1 (0.6%)
[0.7, 1.3]	0 (0%)	1 (1.0%)	1 (0.6%)
[1, 1.5]	0 (0%)	1 (1.0%)	1 (0.6%)
[1, 3]	0 (0%)	5 (5.2%)	5 (2.9%)
[10, 15]	0 (0%)	1 (1.0%)	1 (0.6%)
[10, 20]	0 (0%)	1 (1.0%)	1 (0.6%)
[2, 3]	0 (0%)	1 (1.0%)	1 (0.6%)
[3, 12]	0 (0%)	1 (1.0%)	1 (0.6%)
[4, 7]	0 (0%)	1 (1.0%)	1 (0.6%)
[5, 14]	0 (0%)	1 (1.0%)	1 (0.6%)
[6, 15]	0 (0%)	2 (2.1%)	2 (1.2%)
[6, 18]	0 (0%)	1 (1.0%)	1 (0.6%)
[7, 20]	0 (0%)	1 (1.0%)	1 (0.6%)
[8, 14]	0 (0%)	1 (1.0%)	1 (0.6%)
cap.shape			
[b, f]	2 (2.6%)	3 (3.1%)	5 (2.9%)
[b]	2 (2.6%)	8 (8.3%)	10 (5.8%)
[c, x, f]	1 (1.3%)	0 (0%)	1 (0.6%)
[c, x]	1 (1.3%)	0 (0%)	1 (0.6%)

	edibile	poisonous	Overall
[c]	1 (1.3%)	2 (2.1%)	3 (1.7%)
[f, s]	3 (3.9%)	5 (5.2%)	8 (4.6%)
[f, x]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[f]	4 (5.2%)	4 (4.2%)	8 (4.6%)
[o]	1 (1.3%)	7 (7.3%)	8 (4.6%)
[p, b]	1 (1.3%)	2 (2.1%)	3 (1.7%)
[p, c, o]	1 (1.3%)	0 (0%)	1 (0.6%)
[p, f]	2 (2.6%)	0 (0%)	2 (1.2%)
[p, x, f]	2 (2.6%)	0 (0%)	2 (1.2%)
[p, x]	3 (3.9%)	1 (1.0%)	4 (2.3%)
[s, o]	2 (2.6%)	0 (0%)	2 (1.2%)
[s]	4 (5.2%)	5 (5.2%)	9 (5.2%)
[x, f, s]	7 (9.1%)	6 (6.3%)	13 (7.5%)
[x, f]	14 (18.2%)	15 (15.6%)	29 (16.8%)
[x, p]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[x, s]	1 (1.3%)	2 (2.1%)	3 (1.7%)
[x]	23 (29.9%)	25 (26.0%)	48 (27.7%)
[b, f, s]	0 (0%)	1 (1.0%)	1 (0.6%)
[b, x, f]	0 (0%)	1 (1.0%)	1 (0.6%)
[b, x]	0 (0%)	3 (3.1%)	3 (1.7%)
[c, f]	0 (0%)	2 (2.1%)	2 (1.2%)
[p]	0 (0%)	1 (1.0%)	1 (0.6%)
[x, o]	0 (0%)	1 (1.0%)	1 (0.6%)
Cap.surface			
	19 (24.7%)	21 (21.9%)	40 (23.1%)
[d, k]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[d, s]	1 (1.3%)	0 (0%)	1 (0.6%)
[d]	4 (5.2%)	5 (5.2%)	9 (5.2%)
[e, y]	1 (1.3%)	0 (0%)	1 (0.6%)
[e]	3 (3.9%)	2 (2.1%)	5 (2.9%)
[g, s, h, t]	1 (1.3%)	0 (0%)	1 (0.6%)
[g, s, t]	1 (1.3%)	0 (0%)	1 (0.6%)
[g]	5 (6.5%)	7 (7.3%)	12 (6.9%)
[h, s, d]	1 (1.3%)	0 (0%)	1 (0.6%)
[h, t]	6 (7.8%)	4 (4.2%)	10 (5.8%)
[h]	3 (3.9%)	2 (2.1%)	5 (2.9%)
[i, y]	2 (2.6%)	0 (0%)	2 (1.2%)
[l]	2 (2.6%)	2 (2.1%)	4 (2.3%)
[s, d]	1 (1.3%)	0 (0%)	1 (0.6%)
[s, t]	2 (2.6%)	2 (2.1%)	4 (2.3%)
[s, y]	1 (1.3%)	2 (2.1%)	3 (1.7%)

	edibile	poisonous	Overall
[s]	8 (10.4%)	5 (5.2%)	13 (7.5%)
[t, h, s]	1 (1.3%)	0 (0%)	1 (0.6%)
[t, h]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[t]	2 (2.6%)	10 (10.4%)	12 (6.9%)
[w, t]	1 (1.3%)	0 (0%)	1 (0.6%)
[w]	2 (2.6%)	3 (3.1%)	5 (2.9%)
[y, s]	1 (1.3%)	0 (0%)	1 (0.6%)
[y]	7 (9.1%)	7 (7.3%)	14 (8.1%)
[d, e, y, i]	0 (0%)	1 (1.0%)	1 (0.6%)
[d, k, s]	0 (0%)	1 (1.0%)	1 (0.6%)
[e, k, s, h]	0 (0%)	1 (1.0%)	1 (0.6%)
[e, t, k]	0 (0%)	1 (1.0%)	1 (0.6%)
[g, h]	0 (0%)	1 (1.0%)	1 (0.6%)
[g, s, d]	0 (0%)	1 (1.0%)	1 (0.6%)
[h, s, t]	0 (0%)	1 (1.0%)	1 (0.6%)
[h, t, w]	0 (0%)	1 (1.0%)	1 (0.6%)
[h, t, y]	0 (0%)	1 (1.0%)	1 (0.6%)
[i, e]	0 (0%)	1 (1.0%)	1 (0.6%)
[i]	0 (0%)	4 (4.2%)	4 (2.3%)
[k, e]	0 (0%)	1 (1.0%)	1 (0.6%)
[k]	0 (0%)	4 (4.2%)	4 (2.3%)
[s, h]	0 (0%)	1 (1.0%)	1 (0.6%)
[s, i]	0 (0%)	1 (1.0%)	1 (0.6%)
[t, w, d]	0 (0%)	1 (1.0%)	1 (0.6%)
cap.color			
[b, u]	1 (1.3%)	0 (0%)	1 (0.6%)
[b]	1 (1.3%)	0 (0%)	1 (0.6%)
[e, n, y]	2 (2.6%)	0 (0%)	2 (1.2%)
[g, k]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[g, n]	6 (7.8%)	4 (4.2%)	10 (5.8%)
[g, u, n, p]	1 (1.3%)	0 (0%)	1 (0.6%)
[k, n, w]	1 (1.3%)	0 (0%)	1 (0.6%)
[l, g, b, w]	1 (1.3%)	0 (0%)	1 (0.6%)
[l, r, w]	1 (1.3%)	0 (0%)	1 (0.6%)
[l, u, g, n]	1 (1.3%)	0 (0%)	1 (0.6%)
[l, y]	1 (1.3%)	0 (0%)	1 (0.6%)
[n ,w]	1 (1.3%)	0 (0%)	1 (0.6%)
[n, b]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[n, e]	1 (1.3%)	4 (4.2%)	5 (2.9%)
[n, g]	3 (3.9%)	0 (0%)	3 (1.7%)
[n, o, e]	1 (1.3%)	0 (0%)	1 (0.6%)

	edibile	poisonous	Overall
[n, o]	2 (2.6%)	2 (2.1%)	4 (2.3%)
[n, p, e]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[n, r, u, y]	1 (1.3%)	0 (0%)	1 (0.6%)
[n, w]	1 (1.3%)	3 (3.1%)	4 (2.3%)
[n, y, e]	1 (1.3%)	0 (0%)	1 (0.6%)
[n, y, w]	1 (1.3%)	0 (0%)	1 (0.6%)
[n, y]	3 (3.9%)	6 (6.3%)	9 (5.2%)
[n]	22 (28.6%)	16 (16.7%)	38 (22.0%)
[o, b]	1 (1.3%)	0 (0%)	1 (0.6%)
[o, n]	1 (1.3%)	0 (0%)	1 (0.6%)
[o, p, e]	1 (1.3%)	0 (0%)	1 (0.6%)
[u, k]	1 (1.3%)	0 (0%)	1 (0.6%)
[w, g]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[w, n]	2 (2.6%)	2 (2.1%)	4 (2.3%)
[w, p, o]	1 (1.3%)	0 (0%)	1 (0.6%)
[w, y]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[w]	6 (7.8%)	6 (6.3%)	12 (6.9%)
[y]	6 (7.8%)	4 (4.2%)	10 (5.8%)
[b, p, e, y]	0 (0%)	1 (1.0%)	1 (0.6%)
[e, n, p, w]	0 (0%)	1 (1.0%)	1 (0.6%)
[e, n]	0 (0%)	2 (2.1%)	2 (1.2%)
[e, o, k]	0 (0%)	1 (1.0%)	1 (0.6%)
[e, o]	0 (0%)	1 (1.0%)	1 (0.6%)
[e, p, w]	0 (0%)	1 (1.0%)	1 (0.6%)
[e, u, y]	0 (0%)	1 (1.0%)	1 (0.6%)
[e]	0 (0%)	3 (3.1%)	3 (1.7%)
[g, n, k]	0 (0%)	1 (1.0%)	1 (0.6%)
[g, r, k, n]	0 (0%)	1 (1.0%)	1 (0.6%)
[g, r, n]	0 (0%)	2 (2.1%)	2 (1.2%)
[g, u, n]	0 (0%)	1 (1.0%)	1 (0.6%)
[g]	0 (0%)	1 (1.0%)	1 (0.6%)
[l, k]	0 (0%)	1 (1.0%)	1 (0.6%)
[n, e, y]	0 (0%)	1 (1.0%)	1 (0.6%)
[n, o, y, w]	0 (0%)	1 (1.0%)	1 (0.6%)
[o, e, n, k]	0 (0%)	1 (1.0%)	1 (0.6%)
[o, y, r]	0 (0%)	1 (1.0%)	1 (0.6%)
[o, y]	0 (0%)	3 (3.1%)	3 (1.7%)
[o]	0 (0%)	2 (2.1%)	2 (1.2%)
[p]	0 (0%)	2 (2.1%)	2 (1.2%)
[r, l]	0 (0%)	1 (1.0%)	1 (0.6%)
[r, n]	0 (0%)	1 (1.0%)	1 (0.6%)

	edibile	poisonous	Overall
[r, p, y]	0 (0%)	1 (1.0%)	1 (0.6%)
[r, y]	0 (0%)	1 (1.0%)	1 (0.6%)
[r]	0 (0%)	1 (1.0%)	1 (0.6%)
[u]	0 (0%)	2 (2.1%)	2 (1.2%)
[w, u]	0 (0%)	1 (1.0%)	1 (0.6%)
[w, y, g, n]	0 (0%)	1 (1.0%)	1 (0.6%)
[y, n]	0 (0%)	3 (3.1%)	3 (1.7%)
[y, o, g, n, r]	0 (0%)	1 (1.0%)	1 (0.6%)
[y, o, r, n]	0 (0%)	1 (1.0%)	1 (0.6%)
[y, o]	0 (0%)	1 (1.0%)	1 (0.6%)
does.bruise.or.bleed			
[f]	63 (81.8%)	80 (83.3%)	143 (82.7%)
[t]	14 (18.2%)	16 (16.7%)	30 (17.3%)
gill.attachment			
	10 (13.0%)	18 (18.8%)	28 (16.2%)
[a, d]	5 (6.5%)	3 (3.1%)	8 (4.6%)
[a]	11 (14.3%)	21 (21.9%)	32 (18.5%)
[d]	9 (11.7%)	16 (16.7%)	25 (14.5%)
[e]	10 (13.0%)	6 (6.3%)	16 (9.2%)
[f]	4 (5.2%)	6 (6.3%)	10 (5.8%)
[p]	12 (15.6%)	5 (5.2%)	17 (9.8%)
[s]	7 (9.1%)	9 (9.4%)	16 (9.2%)
[x]	9 (11.7%)	12 (12.5%)	21 (12.1%)
gill.spacing			
	31 (40.3%)	40 (41.7%)	71 (41.0%)
[c]	29 (37.7%)	41 (42.7%)	70 (40.5%)
[d]	13 (16.9%)	9 (9.4%)	22 (12.7%)
[f]	4 (5.2%)	6 (6.3%)	10 (5.8%)
gill.color			
[b, u]	1 (1.3%)	0 (0%)	1 (0.6%)
[b]	1 (1.3%)	0 (0%)	1 (0.6%)
[f]	4 (5.2%)	6 (6.3%)	10 (5.8%)
[g, k]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[g, n]	1 (1.3%)	2 (2.1%)	3 (1.7%)
[g, p]	1 (1.3%)	0 (0%)	1 (0.6%)
[g, w, y]	1 (1.3%)	0 (0%)	1 (0.6%)
[g, w]	2 (2.6%)	0 (0%)	2 (1.2%)
[g]	3 (3.9%)	1 (1.0%)	4 (2.3%)
[k, n]	2 (2.6%)	4 (4.2%)	6 (3.5%)
[k, p, w]	1 (1.3%)	0 (0%)	1 (0.6%)
[n, y]	1 (1.3%)	1 (1.0%)	2 (1.2%)

	edibile	poisonous	Overall
[n]	3 (3.9%)	8 (8.3%)	11 (6.4%)
[o, b]	1 (1.3%)	0 (0%)	1 (0.6%)
[o, e]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[o, y]	1 (1.3%)	4 (4.2%)	5 (2.9%)
[o]	2 (2.6%)	2 (2.1%)	4 (2.3%)
[p, n, k]	1 (1.3%)	0 (0%)	1 (0.6%)
[p, n]	1 (1.3%)	0 (0%)	1 (0.6%)
[p, w]	3 (3.9%)	2 (2.1%)	5 (2.9%)
[p]	3 (3.9%)	5 (5.2%)	8 (4.6%)
[r]	1 (1.3%)	0 (0%)	1 (0.6%)
[u, w]	1 (1.3%)	0 (0%)	1 (0.6%)
[w, n]	3 (3.9%)	2 (2.1%)	5 (2.9%)
[w, p, y]	1 (1.3%)	0 (0%)	1 (0.6%)
[w, p]	1 (1.3%)	2 (2.1%)	3 (1.7%)
[w, u, g, n]	1 (1.3%)	0 (0%)	1 (0.6%)
[w, y]	3 (3.9%)	2 (2.1%)	5 (2.9%)
[w]	21 (27.3%)	15 (15.6%)	36 (20.8%)
[y, e, n]	1 (1.3%)	0 (0%)	1 (0.6%)
[y, k]	1 (1.3%)	0 (0%)	1 (0.6%)
[y, n]	1 (1.3%)	4 (4.2%)	5 (2.9%)
[y, r]	1 (1.3%)	0 (0%)	1 (0.6%)
[y]	6 (7.8%)	7 (7.3%)	13 (7.5%)
[b, p, w]	0 (0%)	1 (1.0%)	1 (0.6%)
[e]	0 (0%)	1 (1.0%)	1 (0.6%)
[g, n, u]	0 (0%)	1 (1.0%)	1 (0.6%)
[g, r, w]	0 (0%)	1 (1.0%)	1 (0.6%)
[g, u]	0 (0%)	1 (1.0%)	1 (0.6%)
[k, p]	0 (0%)	1 (1.0%)	1 (0.6%)
[n, e, y]	0 (0%)	1 (1.0%)	1 (0.6%)
[n, p]	0 (0%)	2 (2.1%)	2 (1.2%)
[n, r]	0 (0%)	1 (1.0%)	1 (0.6%)
[n, u]	0 (0%)	1 (1.0%)	1 (0.6%)
[n, w]	0 (0%)	2 (2.1%)	2 (1.2%)
[p, y, r]	0 (0%)	1 (1.0%)	1 (0.6%)
[p, y]	0 (0%)	1 (1.0%)	1 (0.6%)
[r, y]	0 (0%)	1 (1.0%)	1 (0.6%)
[w, b, n]	0 (0%)	1 (1.0%)	1 (0.6%)
[w, g, k]	0 (0%)	1 (1.0%)	1 (0.6%)
[w, g, p, n]	0 (0%)	1 (1.0%)	1 (0.6%)
[w, g, u]	0 (0%)	1 (1.0%)	1 (0.6%)
[w, g]	0 (0%)	1 (1.0%)	1 (0.6%)

	edibile	poisonous	Overall
[w, r]	0 (0%)	1 (1.0%)	1 (0.6%)
[w, y, g, n]	0 (0%)	1 (1.0%)	1 (0.6%)
[y, g, k]	0 (0%)	1 (1.0%)	1 (0.6%)
[y, o, e]	0 (0%)	1 (1.0%)	1 (0.6%)
[y, r, k]	0 (0%)	1 (1.0%)	1 (0.6%)
[y, w]	0 (0%)	1 (1.0%)	1 (0.6%)
stem.height			
[10, 15]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[12, 20]	1 (1.3%)	0 (0%)	1 (0.6%)
[15, 35]	1 (1.3%)	0 (0%)	1 (0.6%)
[2, 3]	1 (1.3%)	0 (0%)	1 (0.6%)
[2, 4]	1 (1.3%)	3 (3.1%)	4 (2.3%)
[2, 5]	1 (1.3%)	10 (10.4%)	11 (6.4%)
[2, 6]	1 (1.3%)	2 (2.1%)	3 (1.7%)
[2, 7]	1 (1.3%)	0 (0%)	1 (0.6%)
[2, 8]	1 (1.3%)	0 (0%)	1 (0.6%)
[3, 10]	3 (3.9%)	1 (1.0%)	4 (2.3%)
[3, 4]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[3, 6]	7 (9.1%)	8 (8.3%)	15 (8.7%)
[3, 7]	3 (3.9%)	2 (2.1%)	5 (2.9%)
[3, 8]	5 (6.5%)	5 (5.2%)	10 (5.8%)
[4, 10]	10 (13.0%)	6 (6.3%)	16 (9.2%)
[4, 6]	3 (3.9%)	4 (4.2%)	7 (4.0%)
[4, 7]	1 (1.3%)	6 (6.3%)	7 (4.0%)
[4, 8]	11 (14.3%)	10 (10.4%)	21 (12.1%)
[5, 10]	6 (7.8%)	2 (2.1%)	8 (4.6%)
[5, 12]	2 (2.6%)	2 (2.1%)	4 (2.3%)
[5, 15]	1 (1.3%)	2 (2.1%)	3 (1.7%)
[5, 7]	2 (2.6%)	1 (1.0%)	3 (1.7%)
[5, 8]	3 (3.9%)	2 (2.1%)	5 (2.9%)
[5, 9]	1 (1.3%)	0 (0%)	1 (0.6%)
[6, 12]	1 (1.3%)	3 (3.1%)	4 (2.3%)
[7, 11]	1 (1.3%)	0 (0%)	1 (0.6%)
[7, 15]	1 (1.3%)	0 (0%)	1 (0.6%)
[7, 9]	1 (1.3%)	0 (0%)	1 (0.6%)
[8, 10]	1 (1.3%)	0 (0%)	1 (0.6%)
[8, 12]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[8, 15]	1 (1.3%)	0 (0%)	1 (0.6%)
[8, 25]	1 (1.3%)	0 (0%)	1 (0.6%)
[8, 30]	1 (1.3%)	0 (0%)	1 (0.6%)
[0]	0 (0%)	3 (3.1%)	3 (1.7%)

	edibile	poisonous	Overall
[1, 2]	0 (0%)	1 (1.0%)	1 (0.6%)
[1, 3]	0 (0%)	1 (1.0%)	1 (0.6%)
[10, 12]	0 (0%)	2 (2.1%)	2 (1.2%)
[10, 20]	0 (0%)	1 (1.0%)	1 (0.6%)
[15, 20]	0 (0%)	1 (1.0%)	1 (0.6%)
[3, 5]	0 (0%)	2 (2.1%)	2 (1.2%)
[4, 5]	0 (0%)	1 (1.0%)	1 (0.6%)
[6, 10]	0 (0%)	6 (6.3%)	6 (3.5%)
[6, 14]	0 (0%)	1 (1.0%)	1 (0.6%)
[6, 15]	0 (0%)	3 (3.1%)	3 (1.7%)
[6, 18]	0 (0%)	1 (1.0%)	1 (0.6%)
[8, 20]	0 (0%)	1 (1.0%)	1 (0.6%)
stem.width			
[1, 2]	2 (2.6%)	3 (3.1%)	5 (2.9%)
[1, 3]	1 (1.3%)	0 (0%)	1 (0.6%)
[1]	1 (1.3%)	2 (2.1%)	3 (1.7%)
[10, 15]	9 (11.7%)	6 (6.3%)	15 (8.7%)
[10, 18]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[10, 20]	6 (7.8%)	10 (10.4%)	16 (9.2%)
[10, 25]	2 (2.6%)	1 (1.0%)	3 (1.7%)
[10, 30]	1 (1.3%)	0 (0%)	1 (0.6%)
[10, 60]	1 (1.3%)	0 (0%)	1 (0.6%)
[10]	3 (3.9%)	1 (1.0%)	4 (2.3%)
[12, 18]	1 (1.3%)	0 (0%)	1 (0.6%)
[15, 20]	5 (6.5%)	4 (4.2%)	9 (5.2%)
[15, 25]	5 (6.5%)	1 (1.0%)	6 (3.5%)
[15, 30]	3 (3.9%)	1 (1.0%)	4 (2.3%)
[2, 3]	1 (1.3%)	8 (8.3%)	9 (5.2%)
[2, 4]	2 (2.6%)	4 (4.2%)	6 (3.5%)
[2, 5]	2 (2.6%)	0 (0%)	2 (1.2%)
[20, 25]	1 (1.3%)	0 (0%)	1 (0.6%)
[20, 30]	4 (5.2%)	2 (2.1%)	6 (3.5%)
[20, 40]	1 (1.3%)	5 (5.2%)	6 (3.5%)
[20, 80]	1 (1.3%)	0 (0%)	1 (0.6%)
[3, 5]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[3, 6]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[3, 7]	1 (1.3%)	0 (0%)	1 (0.6%)
[3, 8]	1 (1.3%)	3 (3.1%)	4 (2.3%)
[30, 40]	1 (1.3%)	0 (0%)	1 (0.6%)
[4, 8]	3 (3.9%)	5 (5.2%)	8 (4.6%)
[40, 100]	1 (1.3%)	0 (0%)	1 (0.6%)

	edibile	poisonous	Overall
[5, 10]	4 (5.2%)	9 (9.4%)	13 (7.5%)
[5, 8]	2 (2.6%)	3 (3.1%)	5 (2.9%)
[6, 10]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[6, 12]	3 (3.9%)	2 (2.1%)	5 (2.9%)
[8, 12]	3 (3.9%)	2 (2.1%)	5 (2.9%)
[8, 15]	1 (1.3%)	2 (2.1%)	3 (1.7%)
[8, 20]	1 (1.3%)	0 (0%)	1 (0.6%)
[0.5, 1]	0 (0%)	1 (1.0%)	1 (0.6%)
[0]	0 (0%)	3 (3.1%)	3 (1.7%)
[15, 40]	0 (0%)	1 (1.0%)	1 (0.6%)
[2]	0 (0%)	1 (1.0%)	1 (0.6%)
[20, 50]	0 (0%)	1 (1.0%)	1 (0.6%)
[20, 60]	0 (0%)	1 (1.0%)	1 (0.6%)
[3, 4]	0 (0%)	3 (3.1%)	3 (1.7%)
[4, 5]	0 (0%)	1 (1.0%)	1 (0.6%)
[4, 6]	0 (0%)	1 (1.0%)	1 (0.6%)
[4, 7]	0 (0%)	2 (2.1%)	2 (1.2%)
[5, 12]	0 (0%)	1 (1.0%)	1 (0.6%)
[7, 15]	0 (0%)	1 (1.0%)	1 (0.6%)
[8, 18]	0 (0%)	1 (1.0%)	1 (0.6%)
stem.root			
	67 (87.0%)	79 (82.3%)	146 (84.4%)
[b]	6 (7.8%)	3 (3.1%)	9 (5.2%)
[s]	4 (5.2%)	5 (5.2%)	9 (5.2%)
[c]	0 (0%)	2 (2.1%)	2 (1.2%)
[f]	0 (0%)	3 (3.1%)	3 (1.7%)
[r]	0 (0%)	4 (4.2%)	4 (2.3%)
stem.surface			
	53 (68.8%)	55 (57.3%)	108 (62.4%)
[i, t]	1 (1.3%)	0 (0%)	1 (0.6%)
[i]	4 (5.2%)	7 (7.3%)	11 (6.4%)
[k, s]	1 (1.3%)	0 (0%)	1 (0.6%)
[k]	1 (1.3%)	3 (3.1%)	4 (2.3%)
[s]	9 (11.7%)	6 (6.3%)	15 (8.7%)
[t]	3 (3.9%)	4 (4.2%)	7 (4.0%)
[y, s]	1 (1.3%)	0 (0%)	1 (0.6%)
[y]	4 (5.2%)	9 (9.4%)	13 (7.5%)
[f]	0 (0%)	3 (3.1%)	3 (1.7%)
[g]	0 (0%)	5 (5.2%)	5 (2.9%)
[h]	0 (0%)	1 (1.0%)	1 (0.6%)
[i, s]	0 (0%)	1 (1.0%)	1 (0.6%)

	edibile	poisonous	Overall
[i, y]	0 (0%)	1 (1.0%)	1 (0.6%)
[s, h]	0 (0%)	1 (1.0%)	1 (0.6%)
stem.color			
[b, u]	1 (1.3%)	0 (0%)	1 (0.6%)
[e, n]	1 (1.3%)	2 (2.1%)	3 (1.7%)
[e, y]	1 (1.3%)	0 (0%)	1 (0.6%)
[g, w]	1 (1.3%)	0 (0%)	1 (0.6%)
[g, n]	1 (1.3%)	3 (3.1%)	4 (2.3%)
[g, w]	2 (2.6%)	0 (0%)	2 (1.2%)
[g]	2 (2.6%)	0 (0%)	2 (1.2%)
[k, n]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[l, r, w]	1 (1.3%)	0 (0%)	1 (0.6%)
[n, g]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[n, o]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[n, p, w]	1 (1.3%)	0 (0%)	1 (0.6%)
[n, w]	2 (2.6%)	1 (1.0%)	3 (1.7%)
[n, y]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[n]	15 (19.5%)	20 (20.8%)	35 (20.2%)
[o, e]	1 (1.3%)	0 (0%)	1 (0.6%)
[o, n]	1 (1.3%)	0 (0%)	1 (0.6%)
[o, y]	1 (1.3%)	4 (4.2%)	5 (2.9%)
[u]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[w, n]	2 (2.6%)	1 (1.0%)	3 (1.7%)
[w, o]	1 (1.3%)	0 (0%)	1 (0.6%)
[w, y]	1 (1.3%)	2 (2.1%)	3 (1.7%)
[w]	32 (41.6%)	25 (26.0%)	57 (32.9%)
[y]	5 (6.5%)	8 (8.3%)	13 (7.5%)
[e, u, y]	0 (0%)	1 (1.0%)	1 (0.6%)
[e]	0 (0%)	1 (1.0%)	1 (0.6%)
[f]	0 (0%)	3 (3.1%)	3 (1.7%)
[g, r, n]	0 (0%)	2 (2.1%)	2 (1.2%)
[g, u, n]	0 (0%)	1 (1.0%)	1 (0.6%)
[k]	0 (0%)	1 (1.0%)	1 (0.6%)
[n, e]	0 (0%)	2 (2.1%)	2 (1.2%)
[n, p]	0 (0%)	1 (1.0%)	1 (0.6%)
[o]	0 (0%)	1 (1.0%)	1 (0.6%)
[p]	0 (0%)	2 (2.1%)	2 (1.2%)
[r, y]	0 (0%)	1 (1.0%)	1 (0.6%)
[u, e]	0 (0%)	1 (1.0%)	1 (0.6%)
[w, l, n]	0 (0%)	1 (1.0%)	1 (0.6%)
[w, u]	0 (0%)	1 (1.0%)	1 (0.6%)

	edibile	poisonous	Overall
[y, e, n]	0 (0%)	1 (1.0%)	1 (0.6%)
[y, n]	0 (0%)	4 (4.2%)	4 (2.3%)
[y, o, k]	0 (0%)	1 (1.0%)	1 (0.6%)
veil.type			
	74 (96.1%)	90 (93.8%)	164 (94.8%)
[u]	3 (3.9%)	6 (6.3%)	9 (5.2%)
veil.color			
	68 (88.3%)	84 (87.5%)	152 (87.9%)
[w]	7 (9.1%)	8 (8.3%)	15 (8.7%)
[y, w]	1 (1.3%)	0 (0%)	1 (0.6%)
[y]	1 (1.3%)	0 (0%)	1 (0.6%)
[e, n]	0 (0%)	1 (1.0%)	1 (0.6%)
[k]	0 (0%)	1 (1.0%)	1 (0.6%)
[n]	0 (0%)	1 (1.0%)	1 (0.6%)
[u]	0 (0%)	1 (1.0%)	1 (0.6%)
has.ring			
[f]	60 (77.9%)	70 (72.9%)	130 (75.1%)
[t]	17 (22.1%)	26 (27.1%)	43 (24.9%)
ring.type			
	4 (5.2%)	3 (3.1%)	7 (4.0%)
[e]	3 (3.9%)	3 (3.1%)	6 (3.5%)
[f]	61 (79.2%)	76 (79.2%)	137 (79.2%)
[g]	2 (2.6%)	0 (0%)	2 (1.2%)
[l, p]	1 (1.3%)	0 (0%)	1 (0.6%)
[l, r]	2 (2.6%)	0 (0%)	2 (1.2%)
[l]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[m]	1 (1.3%)	0 (0%)	1 (0.6%)
[p]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[r]	1 (1.3%)	2 (2.1%)	3 (1.7%)
[e, g]	0 (0%)	1 (1.0%)	1 (0.6%)
[g, p]	0 (0%)	2 (2.1%)	2 (1.2%)
[l, e]	0 (0%)	1 (1.0%)	1 (0.6%)
[z]	0 (0%)	6 (6.3%)	6 (3.5%)
Spore.print.color			
	72 (93.5%)	83 (86.5%)	155 (89.6%)
[g]	1 (1.3%)	0 (0%)	1 (0.6%)
[k]	1 (1.3%)	4 (4.2%)	5 (2.9%)
[p]	1 (1.3%)	2 (2.1%)	3 (1.7%)
[w]	2 (2.6%)	1 (1.0%)	3 (1.7%)
[k, r]	0 (0%)	1 (1.0%)	1 (0.6%)
[k, u]	0 (0%)	1 (1.0%)	1 (0.6%)

	edibile	poisonous	Overall
[n]	0 (0%)	3 (3.1%)	3 (1.7%)
[p, w]	0 (0%)	1 (1.0%)	1 (0.6%)
habitat			
[d, h]	1 (1.3%)	3 (3.1%)	4 (2.3%)
[d]	47 (61.0%)	57 (59.4%)	104 (60.1%)
[g, d, h]	1 (1.3%)	0 (0%)	1 (0.6%)
[g, d]	6 (7.8%)	4 (4.2%)	10 (5.8%)
[g, h, d]	1 (1.3%)	2 (2.1%)	3 (1.7%)
[g, l, m, d]	1 (1.3%)	0 (0%)	1 (0.6%)
[g, m, d]	1 (1.3%)	4 (4.2%)	5 (2.9%)
[g, m]	3 (3.9%)	2 (2.1%)	5 (2.9%)
[g, u, d]	1 (1.3%)	0 (0%)	1 (0.6%)
[g]	1 (1.3%)	10 (10.4%)	11 (6.4%)
[l, d, h]	1 (1.3%)	0 (0%)	1 (0.6%)
[l, d]	7 (9.1%)	6 (6.3%)	13 (7.5%)
[l, h]	1 (1.3%)	0 (0%)	1 (0.6%)
[l]	1 (1.3%)	0 (0%)	1 (0.6%)
[m, d]	2 (2.6%)	1 (1.0%)	3 (1.7%)
[m]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[w]	1 (1.3%)	0 (0%)	1 (0.6%)
[g, l, d]	0 (0%)	1 (1.0%)	1 (0.6%)
[h, d]	0 (0%)	2 (2.1%)	2 (1.2%)
[m, h]	0 (0%)	1 (1.0%)	1 (0.6%)
[p, d]	0 (0%)	2 (2.1%)	2 (1.2%)
season			
[a, w]	9 (11.7%)	6 (6.3%)	15 (8.7%)
[a]	5 (6.5%)	11 (11.5%)	16 (9.2%)
[s, a, w]	1 (1.3%)	0 (0%)	1 (0.6%)
[s, u, a, w]	7 (9.1%)	6 (6.3%)	13 (7.5%)
[s, u, a]	1 (1.3%)	4 (4.2%)	5 (2.9%)
[s, u]	2 (2.6%)	1 (1.0%)	3 (1.7%)
[s]	1 (1.3%)	0 (0%)	1 (0.6%)
[u, a, w]	8 (10.4%)	4 (4.2%)	12 (6.9%)
[u, a]	43 (55.8%)	63 (65.6%)	106 (61.3%)
[u]	0 (0%)	1 (1.0%)	1 (0.6%)